

European Commission, Brussels

# PREPARATORY ACTIONS IN THE FIELD OF DIOXIN AND PCBs

Final Report

Annex Chapter 9-5: Detailed results for all samples

## European POPs Expert Team

**BiPRO**  
Beratungsgesellschaft für  
integrierte Problemlösungen

**irce**  
integrated research  
consulting and expertise

 **Ökometric**  
Bayreuther Institut für  
Umweltforschung

**AFC**  
CONSULT

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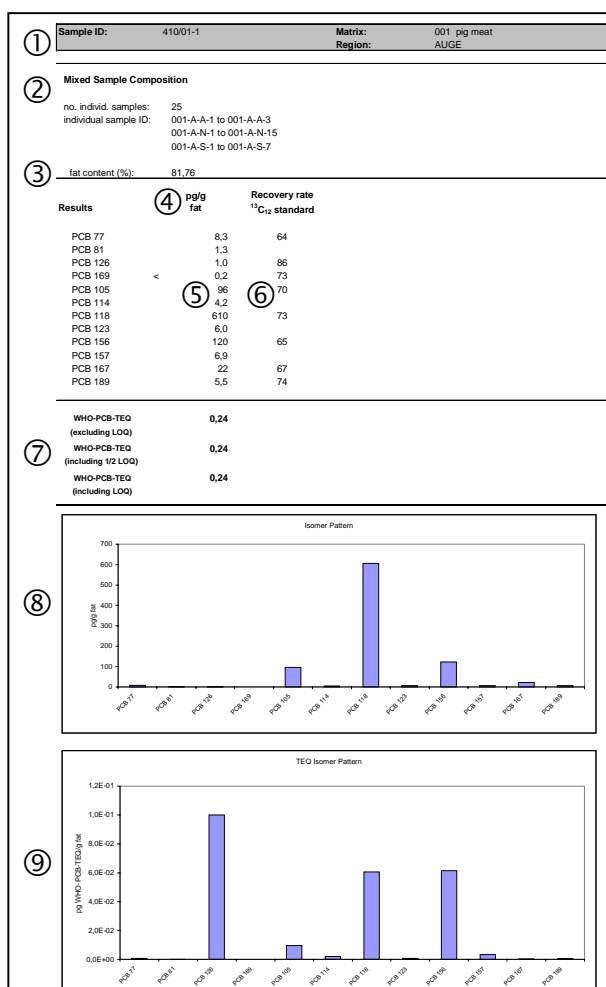
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## 9.5 Detailed results for all samples

Following, the individual results of the DLPCB analyses will be presented in detail. Results for each sample are summarised on one analysis result sheet per sample including the following information:

- ① Sample identification including sample ID (=laboratory ID), matrix (= product code and name of matrix) and region (= regional code)
- ② Mixed sample composition including number of individual samples used for preparation of the composite sample for analysis and sample IDs of the corresponding individual samples
- ③ Reference parameter the analytical results are based on (dry matter, fat) and value for the composite sample (% dry matter, % fat in dry matter)
- ④ Unit for analytical results (pg/g d.m., pg/g fresh weight or pg/g fat)
- ⑤ Analytical results in pg/g d.m., pg/g fresh weight or pg/g fat (not TEQ values !)
- ⑥ Recovery ratios of 13C12 internal standards
- ⑦ Total WHO-PCB-TEQ (non-ortho PCBs and mono-ortho PCBs) excluding LOQ (lower bound), including ½ LOQ (medium bound) and including full LOQ (upper bound)
- ⑧ Isomer pattern in pg/g d.m., pg/g fresh weight or pg/g fat (not TEQ values !)
- ⑨ Isomer pattern in pg WHO-PCB-TEQ/g d.m., pg WHO-PCB-TEQ/g fresh weight or pg WHO-PCB-TEQ/g fat



## 9.5.1 Pig Meat

| Sample ID:  | 410/01-1  | Matrix:   | 001 pig meat |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
|---|---|---|--------------|--------------|----------------------|--------|----------|--------|----------|---------|----------|---------|---|---------|----------|---------|----------|---------|----------|---------|----------|---------|----------|---------|----------|---------|----------|---------|----------|
|   |   | Region:   | AUGE         |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| <b>Mixed Sample Composition</b>   |   |   |              |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| no. individ. samples:   | 25  |   |              |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| individual sample ID:   | 001-A-A-1 to 001-A-A-3<br>001-A-N-1 to 001-A-N-15<br>001-A-S-1 to 001-A-S-7 |   |              |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| fat content (%):  | 81,76   |   |              |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| <b>Results</b>  | <b>pg/g fat</b>   | <b>Recovery rate<br/><sup>13</sup>C<sub>12</sub> standard</b> |              |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| PCB 77  | 8,3   | 64  |              |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| PCB 81  | 1,3   |   |              |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| PCB 126   | 1,0   | 86  |              |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| PCB 169   | <   | 73  |              |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| PCB 105   | 96  | 70  |              |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| PCB 114   | 4,2   |   |              |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| PCB 118   | 610   | 73  |              |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| PCB 123   | 6,0   |   |              |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| PCB 156   | 120   | 65  |              |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| PCB 157   | 6,9   |   |              |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| PCB 167   | 22  | 67  |              |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| PCB 189   | 5,5   | 74  |              |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| <b>WHO-PCB-TEQ<br/>(excluding LOQ)</b>  | <b>0,24</b>   |   |              |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| <b>WHO-PCB-TEQ<br/>(including 1/2 LOQ)</b>  | <b>0,24</b>   |   |              |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| <b>WHO-PCB-TEQ<br/>(including LOQ)</b>  | <b>0,24</b>   |   |              |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| <b>Isomer Pattern</b>   |   |   |              |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| <table border="1"> <caption>Isomer Pattern Data</caption> <thead> <tr> <th>PCB Congener</th> <th>pg/g fat</th> </tr> </thead> <tbody> <tr><td>PCB 77</td><td>8,3</td></tr> <tr><td>PCB 81</td><td>1,3</td></tr> <tr><td>PCB 126</td><td>1,0</td></tr> <tr><td>PCB 169</td><td>&lt;</td></tr> <tr><td>PCB 105</td><td>96</td></tr> <tr><td>PCB 114</td><td>4,2</td></tr> <tr><td>PCB 118</td><td>610</td></tr> <tr><td>PCB 123</td><td>6,0</td></tr> <tr><td>PCB 156</td><td>120</td></tr> <tr><td>PCB 157</td><td>6,9</td></tr> <tr><td>PCB 167</td><td>22</td></tr> <tr><td>PCB 189</td><td>5,5</td></tr> </tbody> </table>  |   |   |              | PCB Congener | pg/g fat             | PCB 77 | 8,3      | PCB 81 | 1,3      | PCB 126 | 1,0      | PCB 169 | < | PCB 105 | 96       | PCB 114 | 4,2      | PCB 118 | 610      | PCB 123 | 6,0      | PCB 156 | 120      | PCB 157 | 6,9      | PCB 167 | 22       | PCB 189 | 5,5      |
| PCB Congener  | pg/g fat  |   |              |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| PCB 77  | 8,3   |   |              |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| PCB 81  | 1,3   |   |              |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| PCB 126   | 1,0   |   |              |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| PCB 169   | <   |   |              |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| PCB 105   | 96  |   |              |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| PCB 114   | 4,2   |   |              |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| PCB 118   | 610   |   |              |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| PCB 123   | 6,0   |   |              |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| PCB 156   | 120   |   |              |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| PCB 157   | 6,9   |   |              |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| PCB 167   | 22  |   |              |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| PCB 189   | 5,5   |   |              |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| <b>TEQ Isomer Pattern</b>   |   |   |              |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| <table border="1"> <caption>TEQ Isomer Pattern Data</caption> <thead> <tr> <th>PCB Congener</th> <th>pg WHO-PCB-TEQ/g fat</th> </tr> </thead> <tbody> <tr><td>PCB 77</td><td>0,000083</td></tr> <tr><td>PCB 81</td><td>0,000013</td></tr> <tr><td>PCB 128</td><td>0,100000</td></tr> <tr><td>PCB 169</td><td>&lt;</td></tr> <tr><td>PCB 105</td><td>0,009600</td></tr> <tr><td>PCB 114</td><td>0,004200</td></tr> <tr><td>PCB 118</td><td>0,061000</td></tr> <tr><td>PCB 123</td><td>0,006000</td></tr> <tr><td>PCB 156</td><td>0,012000</td></tr> <tr><td>PCB 157</td><td>0,006900</td></tr> <tr><td>PCB 167</td><td>0,022000</td></tr> <tr><td>PCB 189</td><td>0,005500</td></tr> </tbody> </table> |   |   |              | PCB Congener | pg WHO-PCB-TEQ/g fat | PCB 77 | 0,000083 | PCB 81 | 0,000013 | PCB 128 | 0,100000 | PCB 169 | < | PCB 105 | 0,009600 | PCB 114 | 0,004200 | PCB 118 | 0,061000 | PCB 123 | 0,006000 | PCB 156 | 0,012000 | PCB 157 | 0,006900 | PCB 167 | 0,022000 | PCB 189 | 0,005500 |
| PCB Congener  | pg WHO-PCB-TEQ/g fat  |   |              |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| PCB 77  | 0,000083  |   |              |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| PCB 81  | 0,000013  |   |              |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| PCB 128   | 0,100000  |   |              |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| PCB 169   | <   |   |              |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| PCB 105   | 0,009600  |   |              |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| PCB 114   | 0,004200  |   |              |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| PCB 118   | 0,061000  |   |              |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| PCB 123   | 0,006000  |   |              |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| PCB 156   | 0,012000  |   |              |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| PCB 157   | 0,006900  |   |              |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| PCB 167   | 0,022000  |   |              |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |
| PCB 189   | 0,005500  |   |              |              |                      |        |          |        |          |         |          |         |   |         |          |         |          |         |          |         |          |         |          |         |          |         |          |         |          |

|                   |          |                |              |
|-------------------|----------|----------------|--------------|
| <b>Sample ID:</b> | 411/01-1 | <b>Matrix:</b> | 001 pig meat |
|                   |          | <b>Region:</b> | BENELUX      |

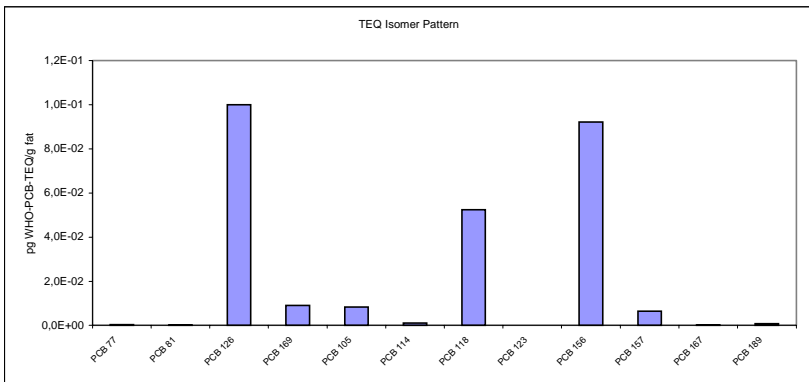
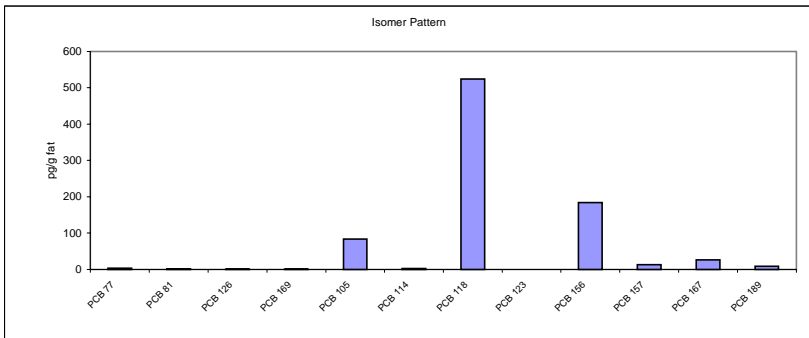
**Mixed Sample Composition**

no. individ. samples: 16  
 individual sample ID: 001-B-B-1 to 001-B-B-6  
 001-B-N-1 to 001-B-N-10

fat content (%): 79,1

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 3,4      | 86  |
| PCB 81  | 1,7      |   |
| PCB 126 | 1,0      | 114   |
| PCB 169 | 0,9      | 93  |
| PCB 105 | 83       | 99  |
| PCB 114 | 2,3      |   |
| PCB 118 | 520      | 110   |
| PCB 123 | <        | 4,0   |
| PCB 156 | 180      | 89  |
| PCB 157 | 13       |   |
| PCB 167 | 26       | 92  |
| PCB 189 | 8,4      | 90  |

**WHO-PCB-TEQ** **0,27**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,27**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,27**  
 (including LOQ)



|                   |          |                |              |
|-------------------|----------|----------------|--------------|
| <b>Sample ID:</b> | 412/01-1 | <b>Matrix:</b> | 001 pig meat |
|                   |          | <b>Region:</b> | SCAN         |

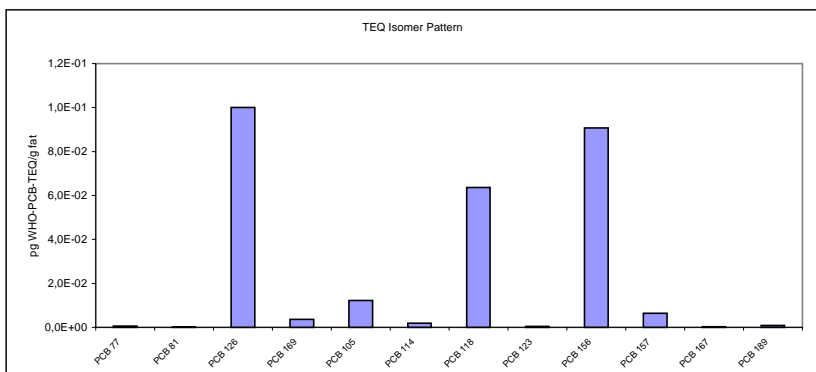
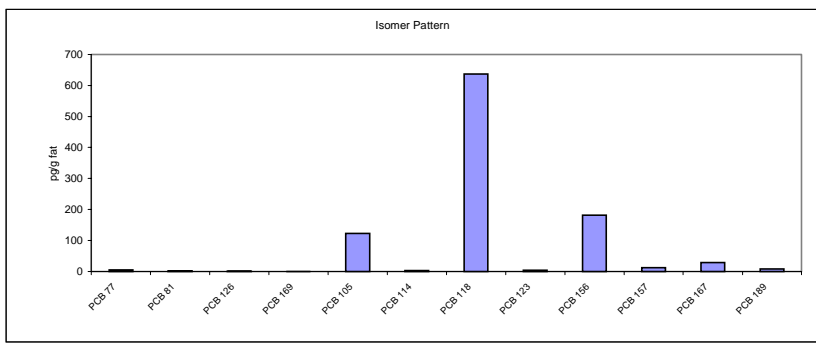
**Mixed Sample Composition**

no. individ. samples: 12  
 individual sample ID: 001-S-D-1 to 001-S-D-9  
 001-S-F-1  
 001-S-S-1 to 001-S-S-2

fat content (%): 81,65

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 5,6      | 75  |
| PCB 81  | 2,2      |   |
| PCB 126 | 1,0      | 93  |
| PCB 169 | 0,4      | 94  |
| PCB 105 | 120      | 83  |
| PCB 114 | 3,8      |   |
| PCB 118 | 640      | 95  |
| PCB 123 | 4,0      |   |
| PCB 156 | 180      | 85  |
| PCB 157 | 13       |   |
| PCB 167 | 29       | 82  |
| PCB 189 | 8,4      | 90  |

|   |             |
|---|-------------|
| <b>WHO-PCB-TEQ</b><br>(excluding LOQ)     | <b>0,28</b> |
| <b>WHO-PCB-TEQ</b><br>(including 1/2 LOQ) | <b>0,28</b> |
| <b>WHO-PCB-TEQ</b><br>(including LOQ)     | <b>0,28</b> |



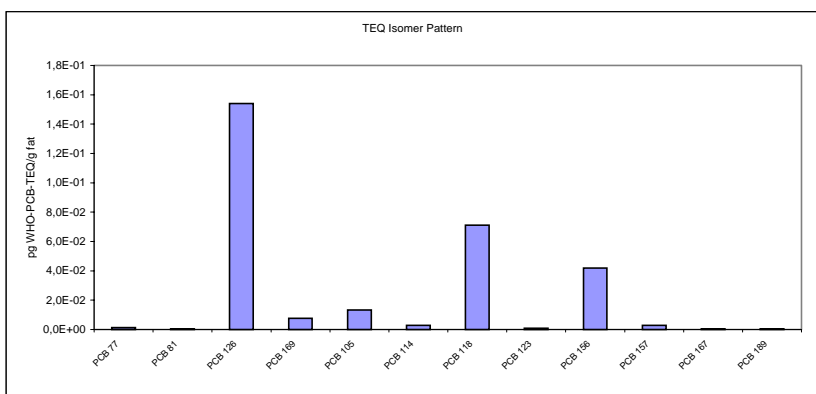
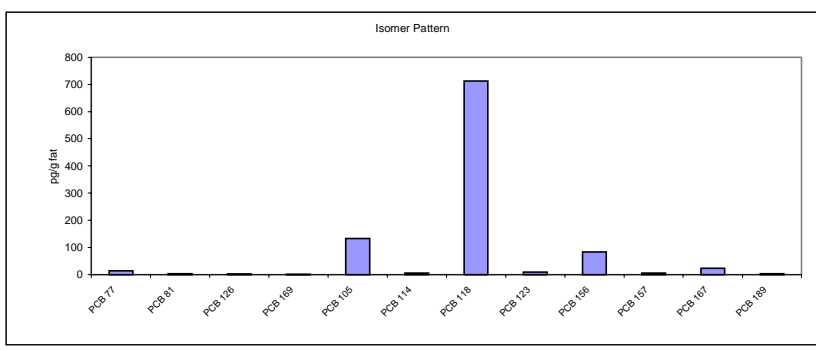
|                   |          |                |              |
|-------------------|----------|----------------|--------------|
| <b>Sample ID:</b> | 413/01-1 | <b>Matrix:</b> | 001 pig meat |
|                   |          | <b>Region:</b> | FRANCE       |

**Mixed Sample Composition**

no. individ. samples: 13  
 individual sample ID: 001-F-N-1 to 001-F-N-10  
 001-F-S-1 to 001-F-S-3  
 fat content (%): 67,15

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 13       | 50  |
| PCB 81  | 2,3      |   |
| PCB 126 | 1,5      | 90  |
| PCB 169 | 0,8      | 92  |
| PCB 105 | 130      | 73  |
| PCB 114 | 5,3      |   |
| PCB 118 | 710      | 80  |
| PCB 123 | 8,6      |   |
| PCB 156 | 84       | 85  |
| PCB 157 | 5,5      |   |
| PCB 167 | 23       | 82  |
| PCB 189 | 3,0      | 88  |

|   |             |
|---|-------------|
| <b>WHO-PCB-TEQ</b><br>(excluding LOQ)     | <b>0,30</b> |
| <b>WHO-PCB-TEQ</b><br>(including 1/2 LOQ) | <b>0,30</b> |
| <b>WHO-PCB-TEQ</b><br>(including LOQ)     | <b>0,30</b> |



|                   |          |                |              |
|-------------------|----------|----------------|--------------|
| <b>Sample ID:</b> | 414/01-1 | <b>Matrix:</b> | 001 pig meat |
|                   |          | <b>Region:</b> | POSP         |

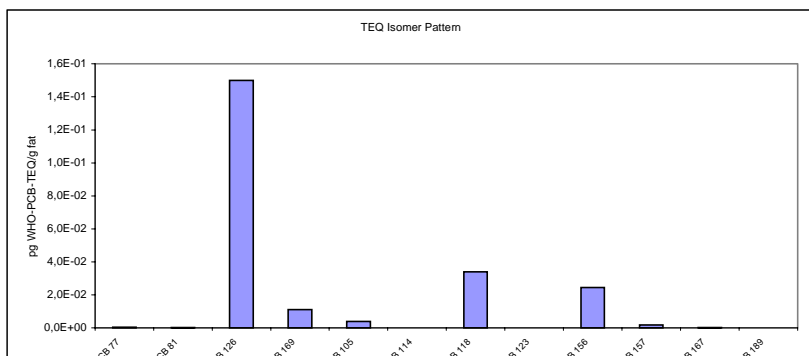
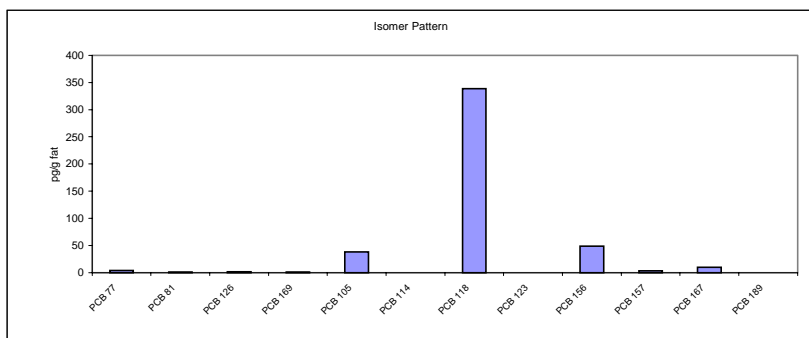
**Mixed Sample Composition**

no. individ. samples: 18  
 individual sample ID: 001-P-P-1 to 001-P-P-2  
 001-P-N-1 to 001-P-N-8  
 001-P-S-1 to 001-P-S-8

fat content (%): 86,5

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |     |
|---------|----------|---|-----|
| PCB 77  | 3,9      | 96  |     |
| PCB 81  | 1,2      |   |     |
| PCB 126 | 1,5      | 81  |     |
| PCB 169 | 1,1      | 110   |     |
| PCB 105 | 38       | 73  |     |
| PCB 114 | <        | 3,0   |     |
| PCB 118 | 340      | 91  |     |
| PCB 123 | <        | 4,0   |     |
| PCB 156 | 49       | 102   |     |
| PCB 157 | 3,5      |   |     |
| PCB 167 | 9,9      | 78  |     |
| PCB 189 | <        | 3,0   | 102 |

|   |             |
|---|-------------|
| <b>WHO-PCB-TEQ</b><br>(excluding LOQ)     | <b>0,23</b> |
| <b>WHO-PCB-TEQ</b><br>(including 1/2 LOQ) | <b>0,23</b> |
| <b>WHO-PCB-TEQ</b><br>(including LOQ)     | <b>0,23</b> |



|                   |          |                |              |
|-------------------|----------|----------------|--------------|
| <b>Sample ID:</b> | 415/01-1 | <b>Matrix:</b> | 001 pig meat |
|                   |          | <b>Region:</b> | GRIT         |

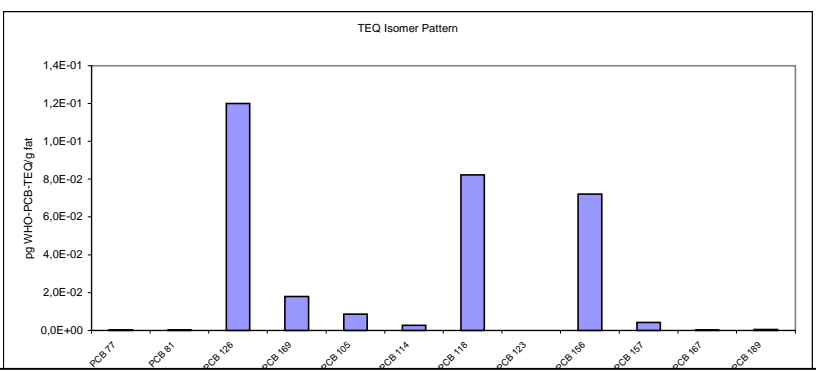
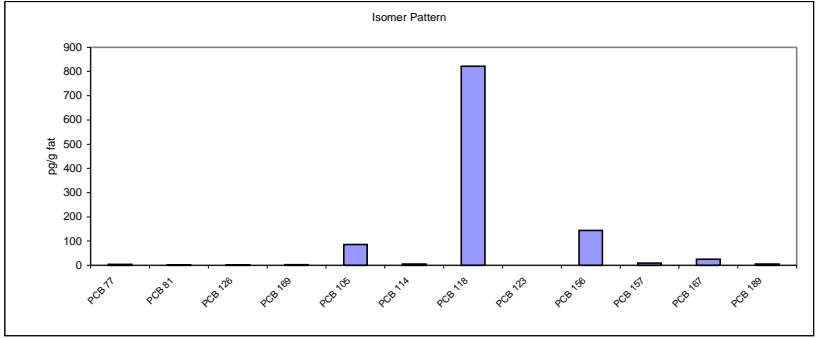
**Mixed Sample Composition**

no. individ. samples: 9  
 individual sample ID: 001-G-G-1  
 001-G-N-1 to 001-G-N-7  
 001-G-S-1

fat content (%): 74,9

| Results | pg/g fat | Recovery rate <sup>13</sup> C <sub>12</sub> standard |
|---------|----------|--|
| PCB 77  | 3,5      | 81   |
| PCB 81  | 1,7      |  |
| PCB 126 | 1,2      | 95   |
| PCB 169 | 1,8      | 83   |
| PCB 105 | 86       | 91   |
| PCB 114 | 5,6      |  |
| PCB 118 | 820      | 107  |
| PCB 123 | <        | 4,0  |
| PCB 156 | 140      | 82   |
| PCB 157 | 8,6      |  |
| PCB 167 | 25       | 87   |
| PCB 189 | 4,7      | 82   |

|  |             |
|--|-------------|
| <b>WHO-PCB-TEQ (excluding LOQ)</b>     | <b>0,31</b> |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b> | <b>0,31</b> |
| <b>WHO-PCB-TEQ (including LOQ)</b>     | <b>0,31</b> |



|                   |          |                |              |
|-------------------|----------|----------------|--------------|
| <b>Sample ID:</b> | 416/01-1 | <b>Matrix:</b> | 001 pig meat |
|                   |          | <b>Region:</b> | IRUK         |

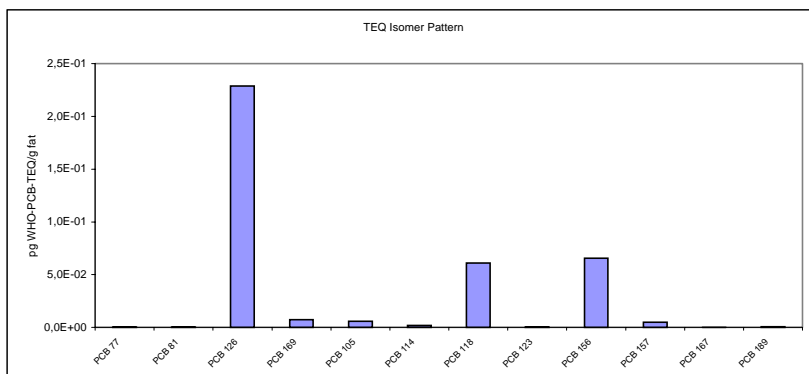
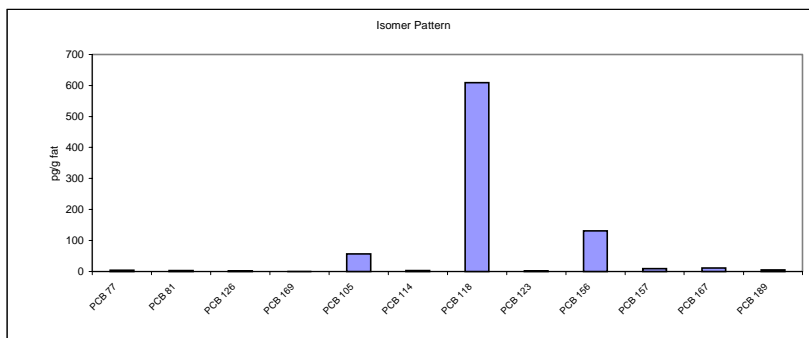
**Mixed Sample Composition**

no. individ. samples: 8  
 individual sample ID: 001-I-I-1  
 001-I-N-1 to 001-I-N-4  
 001-I-S-1 to 001-I-S-3

fat content (%): 74,37

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 3,9      | 82  |
| PCB 81  | 3,1      |   |
| PCB 126 | 2,3      | 88  |
| PCB 169 | 0,7      | 88  |
| PCB 105 | 57       | 95  |
| PCB 114 | 3,6      |   |
| PCB 118 | 610      | 92  |
| PCB 123 | 2,9      |   |
| PCB 156 | 130      | 89  |
| PCB 157 | 9,9      |   |
| PCB 167 | 12       | 93  |
| PCB 189 | 5,0      | 90  |

**WHO-PCB-TEQ** **0,38**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,38**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,38**  
 (including LOQ)



9.5.2

Bovine Meat

| Sample ID:                                 | 410/01-2  | Matrix:   | 002 bovine meat |
|--|---|---|-----------------|
|  |   | Region:   | AUGE            |
| <b>Mixed Sample Composition</b>            |   |   |                 |
| no. individ. samples:                      | 21  |   |                 |
| individual sample ID:                      | 002-A-A-1 to 002-A-A-3<br>002-A-N-1 to 002-A-N-10<br>002-A-S-1 to 002-A-S-8 |   |                 |
| fat content (%):                           | 79,78   |   |                 |
| <b>Results</b>                             | <b>pg/g fat</b>   | <b>Recovery rate<br/><sup>13</sup>C<sub>12</sub> standard</b> |                 |
| PCB 77                                     | 3,1   | 70  |                 |
| PCB 81                                     | 2,9   |   |                 |
| PCB 126                                    | 7,9   | 90  |                 |
| PCB 169                                    | 1,5   | 78  |                 |
| PCB 105                                    | 330   | 76  |                 |
| PCB 114                                    | 18  |   |                 |
| PCB 118                                    | 2500  | 84  |                 |
| PCB 123                                    | 7,1   |   |                 |
| PCB 156                                    | 580   | 70  |                 |
| PCB 157                                    | 57  |   |                 |
| PCB 167                                    | 340   | 71  |                 |
| PCB 189                                    | 51  | 75  |                 |
| <b>WHO-PCB-TEQ<br/>(excluding LOQ)</b>     | <b>1,42</b>   |   |                 |
| <b>WHO-PCB-TEQ<br/>(including 1/2 LOQ)</b> | <b>1,42</b>   |   |                 |
| <b>WHO-PCB-TEQ<br/>(including LOQ)</b>     | <b>1,42</b>   |   |                 |
| <b>Isomer Pattern</b>                      |   |   |                 |
|  |   |   |                 |
| <b>TEQ Isomer Pattern</b>                  |   |   |                 |
|  |   |   |                 |

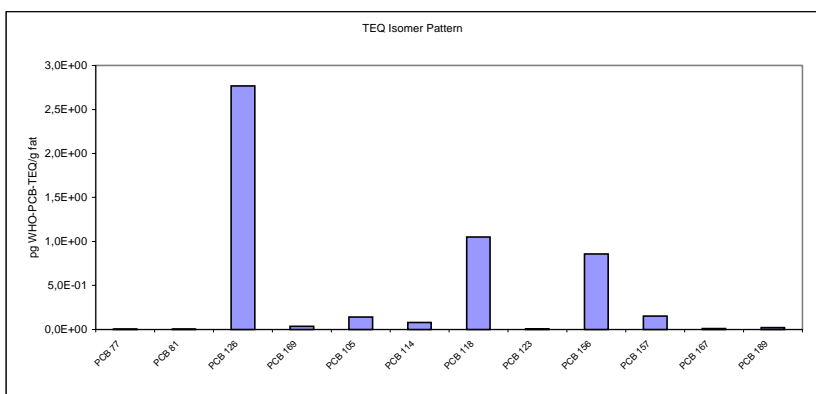
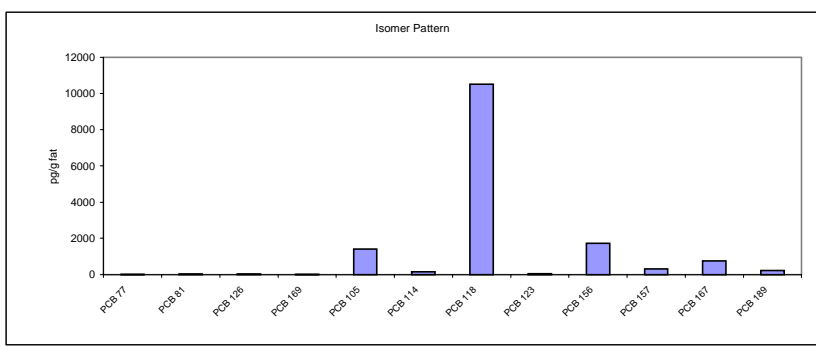
|                   |          |                |                 |
|-------------------|----------|----------------|-----------------|
| <b>Sample ID:</b> | 411/01-2 | <b>Matrix:</b> | 002 bovine meat |
|                   |          | <b>Region:</b> | BENE            |

**Mixed Sample Composition**

no. individ. samples: 10  
 individual sample ID: 002-B-B-1 to 002-B-B-4  
 002-B-N-1 to 002-B-N-6  
 fat content (%): 73,44

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 16       | 71  |
| PCB 81  | 28       |   |
| PCB 126 | 28       | 78  |
| PCB 169 | 3,6      | 79  |
| PCB 105 | 1400     | 72  |
| PCB 114 | 150      |   |
| PCB 118 | 11000    | 81  |
| PCB 123 | 42       |   |
| PCB 156 | 1700     | 82  |
| PCB 157 | 300      |   |
| PCB 167 | 760      | 84  |
| PCB 189 | 220      | 87  |

|   |             |
|---|-------------|
| <b>WHO-PCB-TEQ</b><br>(excluding LOQ)     | <b>5,12</b> |
| <b>WHO-PCB-TEQ</b><br>(including 1/2 LOQ) | <b>5,12</b> |
| <b>WHO-PCB-TEQ</b><br>(including LOQ)     | <b>5,12</b> |



|                   |          |                |                 |
|-------------------|----------|----------------|-----------------|
| <b>Sample ID:</b> | 412/01-2 | <b>Matrix:</b> | 002 bovine meat |
|                   |          | <b>Region:</b> | SCAN            |

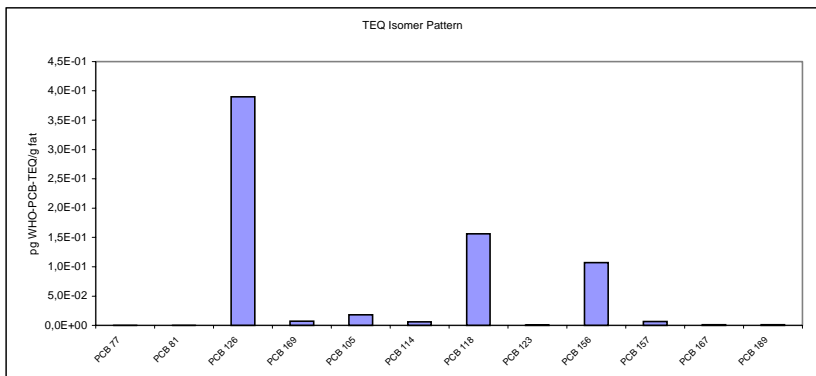
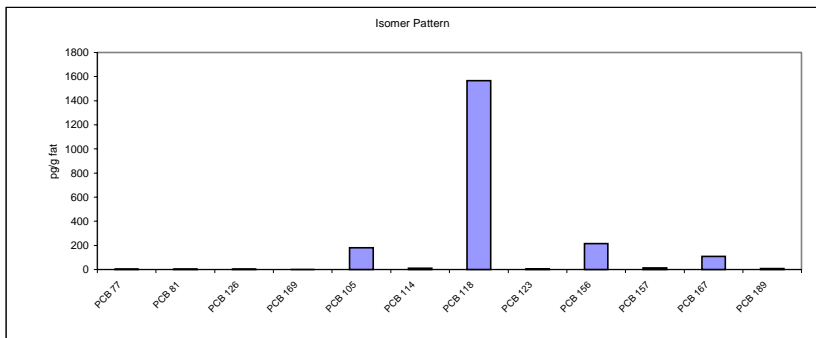
**Mixed Sample Composition**

no. individ. samples: 5  
 individual sample ID: 002-S-D-1 to 002-S-D-2  
 002-S-F-1  
 002-S-S-1 to 002-S-S-2

fat content (%): 88,41

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 2,9      | 87  |
| PCB 81  | 2,6      |   |
| PCB 126 | 3,9      | 106   |
| PCB 169 | 0,7      | 102   |
| PCB 105 | 180      | 98  |
| PCB 114 | 12       |   |
| PCB 118 | 1600     | 106   |
| PCB 123 | 5,1      |   |
| PCB 156 | 210      | 90  |
| PCB 157 | 13       |   |
| PCB 167 | 110      | 103   |
| PCB 189 | 9,6      | 91  |

**WHO-PCB-TEQ** **0,69**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,69**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,69**  
 (including LOQ)



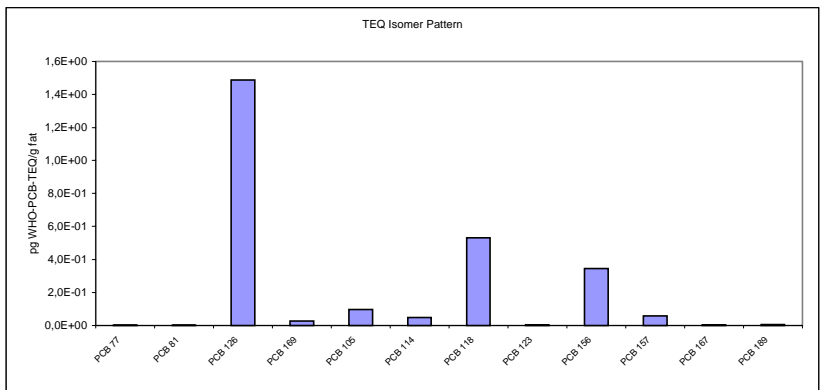
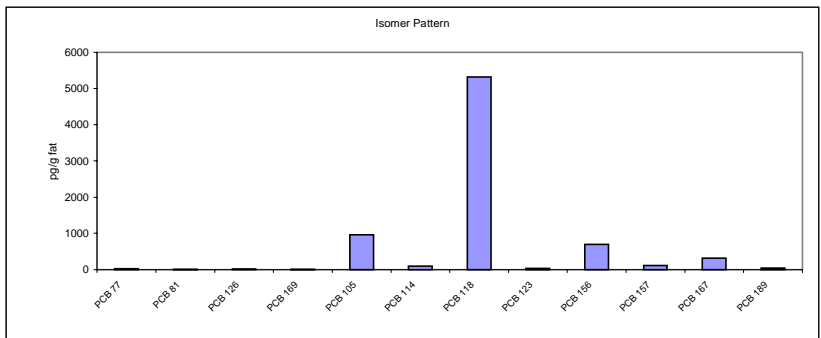
|                   |          |                |                 |
|-------------------|----------|----------------|-----------------|
| <b>Sample ID:</b> | 413/01-2 | <b>Matrix:</b> | 002 bovine meat |
|                   |          | <b>Region:</b> | FRANCE          |

**Mixed Sample Composition**

no. individ. samples: 20  
 individual sample ID: 002-F-N-1 to 002-F-N-12  
 002-F-S-1 to 002-F-S-8  
 fat content (%): 84,98

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 19       | 75  |
| PCB 81  | 6,8      |   |
| PCB 126 | 15       | 100   |
| PCB 169 | 2,6      | 90  |
| PCB 105 | 960      | 77  |
| PCB 114 | 95       |   |
| PCB 118 | 5300     | 86  |
| PCB 123 | 34       |   |
| PCB 156 | 690      | 85  |
| PCB 157 | 110      |   |
| PCB 167 | 310      | 85  |
| PCB 189 | 43       | 84  |

**WHO-PCB-TEQ** **2,61**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **2,61**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **2,61**  
 (including LOQ)



|                   |          |                |                 |
|-------------------|----------|----------------|-----------------|
| <b>Sample ID:</b> | 414/01-2 | <b>Matrix:</b> | 002 bovine meat |
|                   |          | <b>Region:</b> | POSP            |

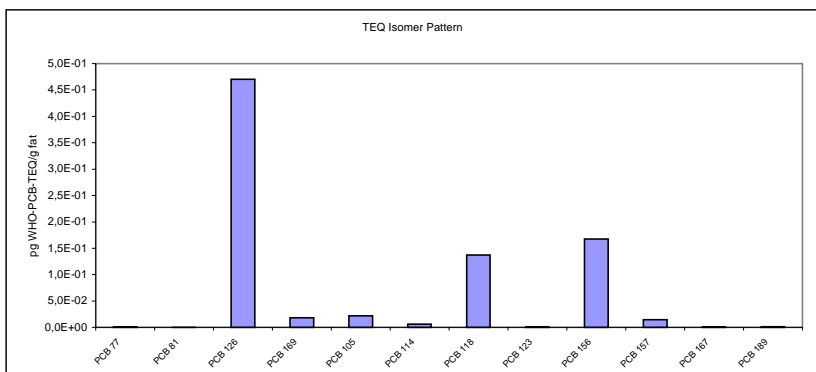
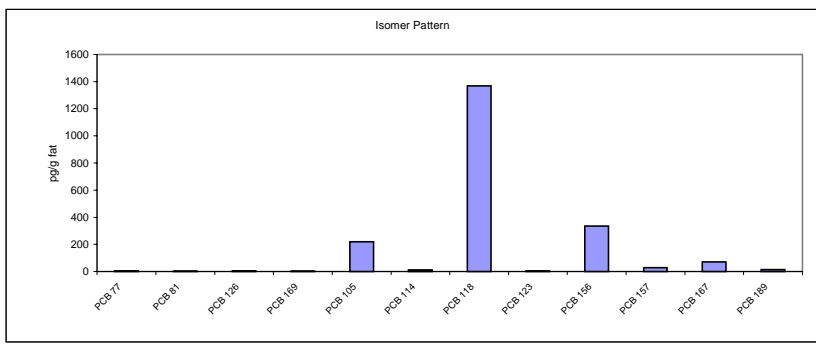
**Mixed Sample Composition**

no. individ. samples: 9  
 individual sample ID: 002-P-P-1  
 002-P-N-1 to 002-P-N-6  
 002-P-S-1 to 002-P-S-2

fat content (%): 91,6

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 6,4      | 53  |
| PCB 81  | 2,0      |   |
| PCB 126 | 4,7      | 61  |
| PCB 169 | 1,8      | 57  |
| PCB 105 | 220      | 58  |
| PCB 114 | 13       |   |
| PCB 118 | 1400     | 72  |
| PCB 123 | 4,7      |   |
| PCB 156 | 340      | 54  |
| PCB 157 | 29       |   |
| PCB 167 | 72       | 57  |
| PCB 189 | 15       | 59  |

**WHO-PCB-TEQ** **0,84**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,84**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,84**  
 (including LOQ)



|                   |          |                |                 |
|-------------------|----------|----------------|-----------------|
| <b>Sample ID:</b> | 415/01-2 | <b>Matrix:</b> | 002 bovine meat |
|                   |          | <b>Region:</b> | GRIT            |

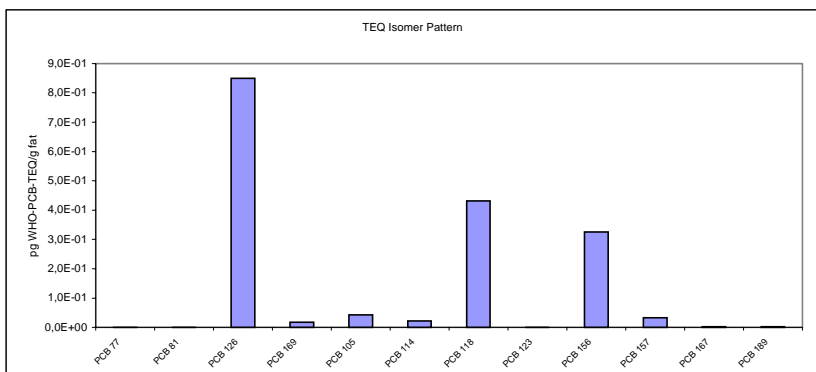
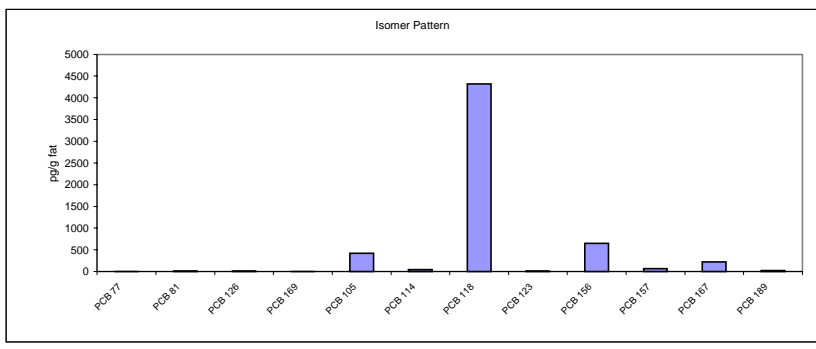
**Mixed Sample Composition**

no. individ. samples: 14  
 individual sample ID: 002-G-G-1  
 002-G-N-1 to 002-G-N-10  
 002-G-S-1 to 002-G-S-3

fat content (%): 76,04

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 5,0      | 64  |
| PCB 81  | 6,1      |   |
| PCB 126 | 8,5      | 62  |
| PCB 169 | 1,8      | 67  |
| PCB 105 | 420      | 63  |
| PCB 114 | 45       |   |
| PCB 118 | 4300     | 80  |
| PCB 123 | 6,6      |   |
| PCB 156 | 650      | 68  |
| PCB 157 | 65       |   |
| PCB 167 | 230      | 73  |
| PCB 189 | 23       | 71  |

|   |             |
|---|-------------|
| <b>WHO-PCB-TEQ</b><br>(excluding LOQ)     | <b>1,73</b> |
| <b>WHO-PCB-TEQ</b><br>(including 1/2 LOQ) | <b>1,73</b> |
| <b>WHO-PCB-TEQ</b><br>(including LOQ)     | <b>1,73</b> |



|                   |          |                |                 |
|-------------------|----------|----------------|-----------------|
| <b>Sample ID:</b> | 416/01-2 | <b>Matrix:</b> | 002 bovine meat |
|                   |          | <b>Region:</b> | IRUK            |

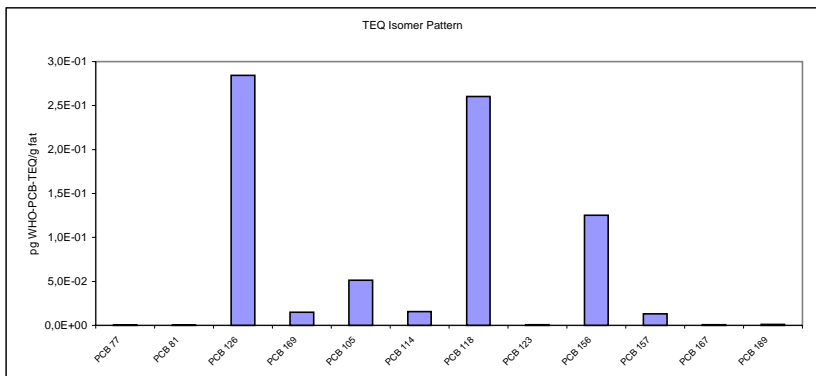
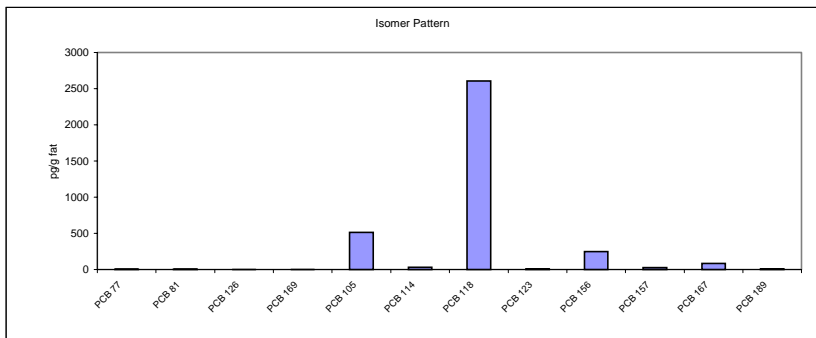
**Mixed Sample Composition**

no. individ. samples: 15  
 individual sample ID: 002-I-I-1 to 002-I-I-7  
 002-I-N-1 to 002-I-N-4  
 002-I-S-1 to 002-I-S-4

fat content (%): 87,08

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 5,0      | 73  |
| PCB 81  | 4,3      |   |
| PCB 126 | 2,8      | 77  |
| PCB 169 | 1,5      | 81  |
| PCB 105 | 510      | 59  |
| PCB 114 | 32       |   |
| PCB 118 | 2600     | 78  |
| PCB 123 | 8,0      |   |
| PCB 156 | 250      | 81  |
| PCB 157 | 26       |   |
| PCB 167 | 84       | 85  |
| PCB 189 | 11       | 89  |

**WHO-PCB-TEQ** **0,77**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,77**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,77**  
 (including LOQ)





### 9.5.3 Poultry Meat

| <b>Sample ID:</b>  | 410/01-3  | <b>Matrix:</b>  | 003 poultry meat |              |                                    |        |         |        |          |         |         |         |         |         |         |         |          |         |         |         |          |         |         |         |          |         |         |         |          |
|--|---|---|------------------|--------------|------------------------------------|--------|---------|--------|----------|---------|---------|---------|---------|---------|---------|---------|----------|---------|---------|---------|----------|---------|---------|---------|----------|---------|---------|---------|----------|
|  |   | <b>Region:</b>  | AUGE             |              |                                    |        |         |        |          |         |         |         |         |         |         |         |          |         |         |         |          |         |         |         |          |         |         |         |          |
| <b>Mixed Sample Composition</b>  |   |   |                  |              |                                    |        |         |        |          |         |         |         |         |         |         |         |          |         |         |         |          |         |         |         |          |         |         |         |          |
| no. individ. samples:  | 10  |   |                  |              |                                    |        |         |        |          |         |         |         |         |         |         |         |          |         |         |         |          |         |         |         |          |         |         |         |          |
| individual sample ID:  | 003-A-A-1<br>003-A-N-1 to 003-A-N-7<br>003-A-S-1 to 003-A-S-2 |   |                  |              |                                    |        |         |        |          |         |         |         |         |         |         |         |          |         |         |         |          |         |         |         |          |         |         |         |          |
| fat content (%):   | 27,33   |   |                  |              |                                    |        |         |        |          |         |         |         |         |         |         |         |          |         |         |         |          |         |         |         |          |         |         |         |          |
| <b>Results</b>   | <b>pg/g fat</b>   | <b>Recovery rate<br/><sup>13</sup>C<sub>12</sub> standard</b> |                  |              |                                    |        |         |        |          |         |         |         |         |         |         |         |          |         |         |         |          |         |         |         |          |         |         |         |          |
| PCB 77   | 14  | 77  |                  |              |                                    |        |         |        |          |         |         |         |         |         |         |         |          |         |         |         |          |         |         |         |          |         |         |         |          |
| PCB 81   | 1,1   |   |                  |              |                                    |        |         |        |          |         |         |         |         |         |         |         |          |         |         |         |          |         |         |         |          |         |         |         |          |
| PCB 126  | 0,8   | 102   |                  |              |                                    |        |         |        |          |         |         |         |         |         |         |         |          |         |         |         |          |         |         |         |          |         |         |         |          |
| PCB 169  | 1,5   | 72  |                  |              |                                    |        |         |        |          |         |         |         |         |         |         |         |          |         |         |         |          |         |         |         |          |         |         |         |          |
| PCB 105  | 190   | 87  |                  |              |                                    |        |         |        |          |         |         |         |         |         |         |         |          |         |         |         |          |         |         |         |          |         |         |         |          |
| PCB 114  | 3,3   |   |                  |              |                                    |        |         |        |          |         |         |         |         |         |         |         |          |         |         |         |          |         |         |         |          |         |         |         |          |
| PCB 118  | 610   | 99  |                  |              |                                    |        |         |        |          |         |         |         |         |         |         |         |          |         |         |         |          |         |         |         |          |         |         |         |          |
| PCB 123  | 7,5   |   |                  |              |                                    |        |         |        |          |         |         |         |         |         |         |         |          |         |         |         |          |         |         |         |          |         |         |         |          |
| PCB 156  | 94  | 77  |                  |              |                                    |        |         |        |          |         |         |         |         |         |         |         |          |         |         |         |          |         |         |         |          |         |         |         |          |
| PCB 157  | 4,1   |   |                  |              |                                    |        |         |        |          |         |         |         |         |         |         |         |          |         |         |         |          |         |         |         |          |         |         |         |          |
| PCB 167  | 31  | 82  |                  |              |                                    |        |         |        |          |         |         |         |         |         |         |         |          |         |         |         |          |         |         |         |          |         |         |         |          |
| PCB 189  | 3,8   | 50  |                  |              |                                    |        |         |        |          |         |         |         |         |         |         |         |          |         |         |         |          |         |         |         |          |         |         |         |          |
| <b>WHO-PCB-TEQ<br/>(excluding LOQ)</b>   | <b>0,22</b>   |   |                  |              |                                    |        |         |        |          |         |         |         |         |         |         |         |          |         |         |         |          |         |         |         |          |         |         |         |          |
| <b>WHO-PCB-TEQ<br/>(including 1/2 LOQ)</b>   | <b>0,22</b>   |   |                  |              |                                    |        |         |        |          |         |         |         |         |         |         |         |          |         |         |         |          |         |         |         |          |         |         |         |          |
| <b>WHO-PCB-TEQ<br/>(including LOQ)</b>   | <b>0,22</b>   |   |                  |              |                                    |        |         |        |          |         |         |         |         |         |         |         |          |         |         |         |          |         |         |         |          |         |         |         |          |
| <p>Isomer Pattern</p> <table border="1"> <caption>Data for Isomer Pattern Chart</caption> <thead> <tr> <th>PCB Congener</th> <th>Concentration (pg/g fat)</th> </tr> </thead> <tbody> <tr><td>PCB 77</td><td>14</td></tr> <tr><td>PCB 81</td><td>1,1</td></tr> <tr><td>PCB 126</td><td>0,8</td></tr> <tr><td>PCB 169</td><td>1,5</td></tr> <tr><td>PCB 105</td><td>190</td></tr> <tr><td>PCB 114</td><td>3,3</td></tr> <tr><td>PCB 118</td><td>610</td></tr> <tr><td>PCB 123</td><td>7,5</td></tr> <tr><td>PCB 156</td><td>94</td></tr> <tr><td>PCB 157</td><td>4,1</td></tr> <tr><td>PCB 167</td><td>31</td></tr> <tr><td>PCB 189</td><td>3,8</td></tr> </tbody> </table>   |   |   |                  | PCB Congener | Concentration (pg/g fat)           | PCB 77 | 14      | PCB 81 | 1,1      | PCB 126 | 0,8     | PCB 169 | 1,5     | PCB 105 | 190     | PCB 114 | 3,3      | PCB 118 | 610     | PCB 123 | 7,5      | PCB 156 | 94      | PCB 157 | 4,1      | PCB 167 | 31      | PCB 189 | 3,8      |
| PCB Congener   | Concentration (pg/g fat)                                      |   |                  |              |                                    |        |         |        |          |         |         |         |         |         |         |         |          |         |         |         |          |         |         |         |          |         |         |         |          |
| PCB 77   | 14  |   |                  |              |                                    |        |         |        |          |         |         |         |         |         |         |         |          |         |         |         |          |         |         |         |          |         |         |         |          |
| PCB 81   | 1,1   |   |                  |              |                                    |        |         |        |          |         |         |         |         |         |         |         |          |         |         |         |          |         |         |         |          |         |         |         |          |
| PCB 126  | 0,8   |   |                  |              |                                    |        |         |        |          |         |         |         |         |         |         |         |          |         |         |         |          |         |         |         |          |         |         |         |          |
| PCB 169  | 1,5   |   |                  |              |                                    |        |         |        |          |         |         |         |         |         |         |         |          |         |         |         |          |         |         |         |          |         |         |         |          |
| PCB 105  | 190   |   |                  |              |                                    |        |         |        |          |         |         |         |         |         |         |         |          |         |         |         |          |         |         |         |          |         |         |         |          |
| PCB 114  | 3,3   |   |                  |              |                                    |        |         |        |          |         |         |         |         |         |         |         |          |         |         |         |          |         |         |         |          |         |         |         |          |
| PCB 118  | 610   |   |                  |              |                                    |        |         |        |          |         |         |         |         |         |         |         |          |         |         |         |          |         |         |         |          |         |         |         |          |
| PCB 123  | 7,5   |   |                  |              |                                    |        |         |        |          |         |         |         |         |         |         |         |          |         |         |         |          |         |         |         |          |         |         |         |          |
| PCB 156  | 94  |   |                  |              |                                    |        |         |        |          |         |         |         |         |         |         |         |          |         |         |         |          |         |         |         |          |         |         |         |          |
| PCB 157  | 4,1   |   |                  |              |                                    |        |         |        |          |         |         |         |         |         |         |         |          |         |         |         |          |         |         |         |          |         |         |         |          |
| PCB 167  | 31  |   |                  |              |                                    |        |         |        |          |         |         |         |         |         |         |         |          |         |         |         |          |         |         |         |          |         |         |         |          |
| PCB 189  | 3,8   |   |                  |              |                                    |        |         |        |          |         |         |         |         |         |         |         |          |         |         |         |          |         |         |         |          |         |         |         |          |
| <p>TEQ Isomer Pattern</p> <table border="1"> <caption>Data for TEQ Isomer Pattern Chart</caption> <thead> <tr> <th>PCB Congener</th> <th>WHO-PCB-TEQ (pg WHO-PCB-TEQ/g fat)</th> </tr> </thead> <tbody> <tr><td>PCB 77</td><td>0,00014</td></tr> <tr><td>PCB 81</td><td>0,000011</td></tr> <tr><td>PCB 126</td><td>0,00075</td></tr> <tr><td>PCB 169</td><td>0,00015</td></tr> <tr><td>PCB 105</td><td>0,00190</td></tr> <tr><td>PCB 114</td><td>0,000033</td></tr> <tr><td>PCB 118</td><td>0,00610</td></tr> <tr><td>PCB 123</td><td>0,000075</td></tr> <tr><td>PCB 156</td><td>0,00094</td></tr> <tr><td>PCB 157</td><td>0,000041</td></tr> <tr><td>PCB 167</td><td>0,00031</td></tr> <tr><td>PCB 189</td><td>0,000038</td></tr> </tbody> </table> |   |   |                  | PCB Congener | WHO-PCB-TEQ (pg WHO-PCB-TEQ/g fat) | PCB 77 | 0,00014 | PCB 81 | 0,000011 | PCB 126 | 0,00075 | PCB 169 | 0,00015 | PCB 105 | 0,00190 | PCB 114 | 0,000033 | PCB 118 | 0,00610 | PCB 123 | 0,000075 | PCB 156 | 0,00094 | PCB 157 | 0,000041 | PCB 167 | 0,00031 | PCB 189 | 0,000038 |
| PCB Congener   | WHO-PCB-TEQ (pg WHO-PCB-TEQ/g fat)                            |   |                  |              |                                    |        |         |        |          |         |         |         |         |         |         |         |          |         |         |         |          |         |         |         |          |         |         |         |          |
| PCB 77   | 0,00014   |   |                  |              |                                    |        |         |        |          |         |         |         |         |         |         |         |          |         |         |         |          |         |         |         |          |         |         |         |          |
| PCB 81   | 0,000011  |   |                  |              |                                    |        |         |        |          |         |         |         |         |         |         |         |          |         |         |         |          |         |         |         |          |         |         |         |          |
| PCB 126  | 0,00075   |   |                  |              |                                    |        |         |        |          |         |         |         |         |         |         |         |          |         |         |         |          |         |         |         |          |         |         |         |          |
| PCB 169  | 0,00015   |   |                  |              |                                    |        |         |        |          |         |         |         |         |         |         |         |          |         |         |         |          |         |         |         |          |         |         |         |          |
| PCB 105  | 0,00190   |   |                  |              |                                    |        |         |        |          |         |         |         |         |         |         |         |          |         |         |         |          |         |         |         |          |         |         |         |          |
| PCB 114  | 0,000033  |   |                  |              |                                    |        |         |        |          |         |         |         |         |         |         |         |          |         |         |         |          |         |         |         |          |         |         |         |          |
| PCB 118  | 0,00610   |   |                  |              |                                    |        |         |        |          |         |         |         |         |         |         |         |          |         |         |         |          |         |         |         |          |         |         |         |          |
| PCB 123  | 0,000075  |   |                  |              |                                    |        |         |        |          |         |         |         |         |         |         |         |          |         |         |         |          |         |         |         |          |         |         |         |          |
| PCB 156  | 0,00094   |   |                  |              |                                    |        |         |        |          |         |         |         |         |         |         |         |          |         |         |         |          |         |         |         |          |         |         |         |          |
| PCB 157  | 0,000041  |   |                  |              |                                    |        |         |        |          |         |         |         |         |         |         |         |          |         |         |         |          |         |         |         |          |         |         |         |          |
| PCB 167  | 0,00031   |   |                  |              |                                    |        |         |        |          |         |         |         |         |         |         |         |          |         |         |         |          |         |         |         |          |         |         |         |          |
| PCB 189  | 0,000038  |   |                  |              |                                    |        |         |        |          |         |         |         |         |         |         |         |          |         |         |         |          |         |         |         |          |         |         |         |          |

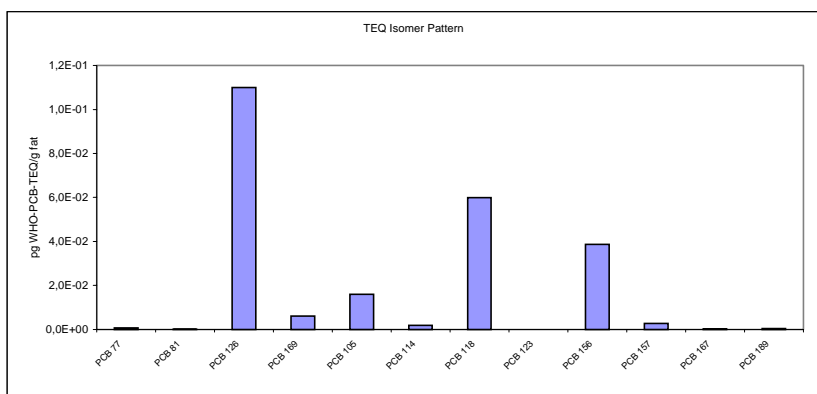
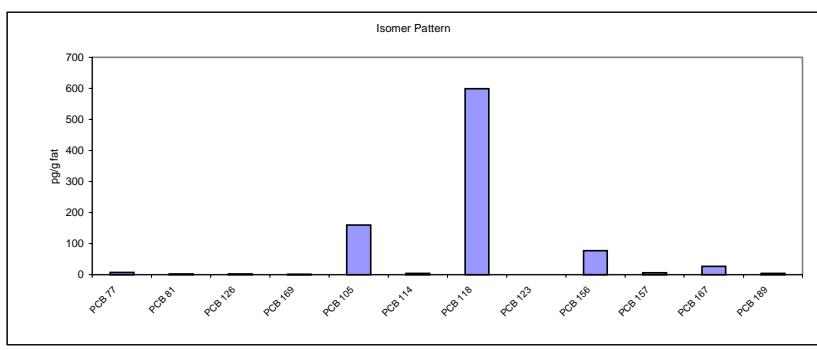
|                   |          |                |                  |
|-------------------|----------|----------------|------------------|
| <b>Sample ID:</b> | 411/01-3 | <b>Matrix:</b> | 003 poultry meat |
|                   |          | <b>Region:</b> | BENE             |

**Mixed Sample Composition**

no. individ. samples: 12  
 individual sample ID: 003-B-B-1 to 003-B-B-4  
 003-B-N-1 to 003-B-N-8  
 fat content (%): 21,6

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 6,7      | 62  |
| PCB 81  | 1,3      |   |
| PCB 126 | 1,1      | 77  |
| PCB 169 | 0,6      | 59  |
| PCB 105 | 160      | 71  |
| PCB 114 | 3,8      |   |
| PCB 118 | 600      | 82  |
| PCB 123 | <        | 4,0   |
| PCB 156 | 77       | 65  |
| PCB 157 | 5,4      |   |
| PCB 167 | 26       | 69  |
| PCB 189 | 4,0      | 39  |

|   |             |
|---|-------------|
| <b>WHO-PCB-TEQ</b><br>(excluding LOQ)     | <b>0,24</b> |
| <b>WHO-PCB-TEQ</b><br>(including 1/2 LOQ) | <b>0,24</b> |
| <b>WHO-PCB-TEQ</b><br>(including LOQ)     | <b>0,24</b> |



|                   |          |                |                  |
|-------------------|----------|----------------|------------------|
| <b>Sample ID:</b> | 412/01-3 | <b>Matrix:</b> | 003 poultry meat |
|                   |          | <b>Region:</b> | SCAN             |

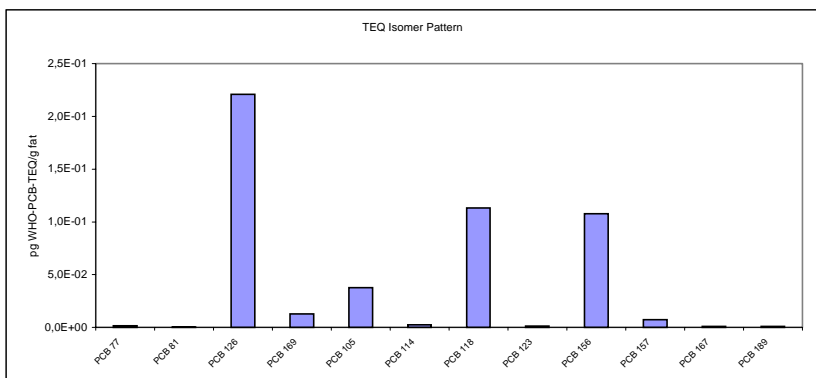
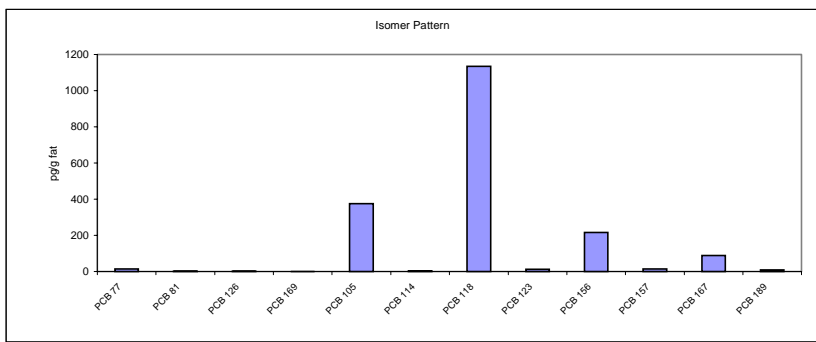
**Mixed Sample Composition**

no. individ. samples: 4  
 individual sample ID: 003-S-D-1 to 003-S-D-2  
 003-S-F-1  
 003-S-S-1

fat content (%): 25,31

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 15       | 61  |
| PCB 81  | 2,4      |   |
| PCB 126 | 2,2      | 69  |
| PCB 169 | 1,3      | 59  |
| PCB 105 | 380      | 68  |
| PCB 114 | 4,9      |   |
| PCB 118 | 1100     | 78  |
| PCB 123 | 12       |   |
| PCB 156 | 220      | 63  |
| PCB 157 | 15       |   |
| PCB 167 | 88       | 65  |
| PCB 189 | 8,6      | 44  |

**WHO-PCB-TEQ** **0,51**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,51**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,51**  
 (including LOQ)



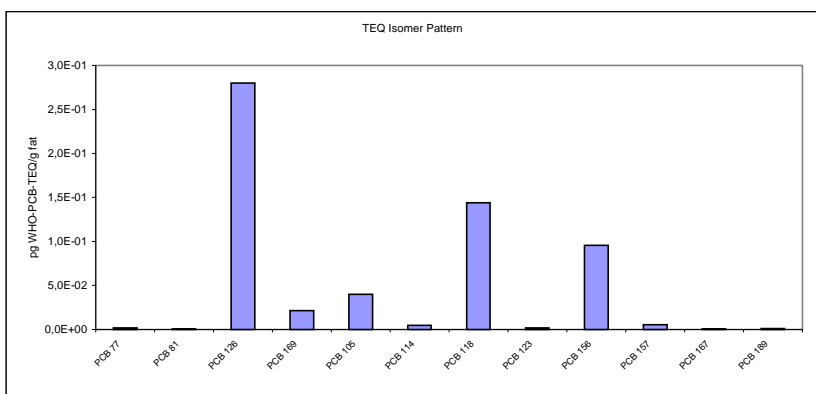
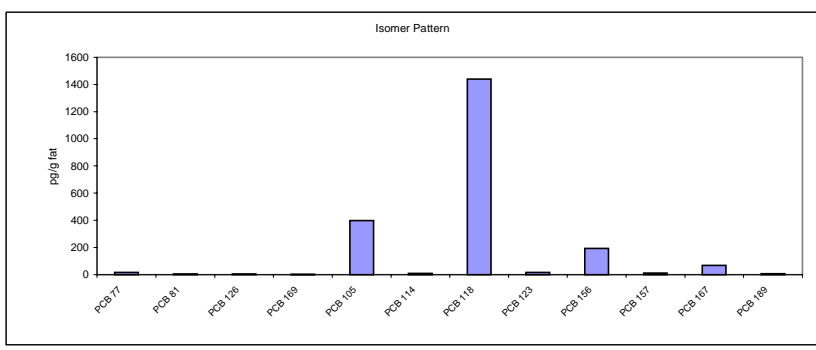
|                   |          |                |                  |
|-------------------|----------|----------------|------------------|
| <b>Sample ID:</b> | 413/01-3 | <b>Matrix:</b> | 003 poultry meat |
|                   |          | <b>Region:</b> | FRANCE           |

**Mixed Sample Composition**

no. individ. samples: 24  
 individual sample ID: 003-F-N1 to 002-F-N-15  
 003-F-S-1 to 002-F-S-9  
 fat content (%): 32,66

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 16       | 70  |
| PCB 81  | 4,3      |   |
| PCB 126 | 2,8      | 96  |
| PCB 169 | 2,1      | 85  |
| PCB 105 | 400      | 74  |
| PCB 114 | 9,4      |   |
| PCB 118 | 1400     | 98  |
| PCB 123 | 16       |   |
| PCB 156 | 190      | 84  |
| PCB 157 | 11       |   |
| PCB 167 | 68       | 86  |
| PCB 189 | 7,3      | 64  |

|   |             |
|---|-------------|
| <b>WHO-PCB-TEQ</b><br>(excluding LOQ)     | <b>0,60</b> |
| <b>WHO-PCB-TEQ</b><br>(including 1/2 LOQ) | <b>0,60</b> |
| <b>WHO-PCB-TEQ</b><br>(including LOQ)     | <b>0,60</b> |



|                   |          |                |                  |
|-------------------|----------|----------------|------------------|
| <b>Sample ID:</b> | 414/01-3 | <b>Matrix:</b> | 003 poultry meat |
|                   |          | <b>Region:</b> | POSP             |

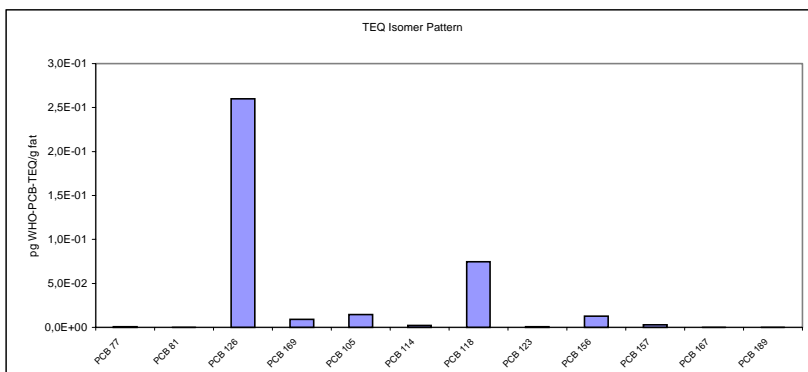
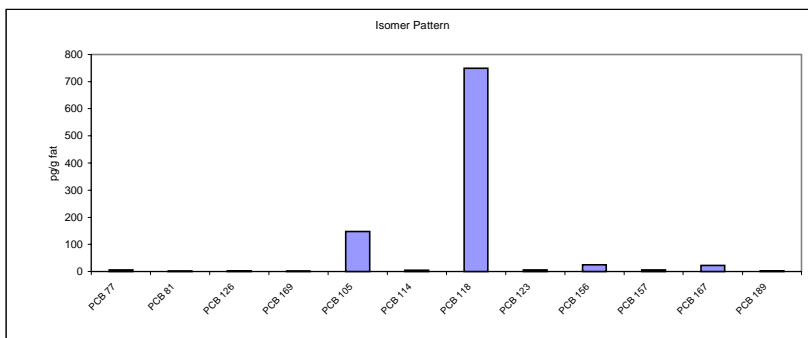
**Mixed Sample Composition**

no. individ. samples: 13  
 individual sample ID: 003-P-P-1 to 003-P-P-2  
 003-P-N-1 to 003-P-N-6  
 003-P-S-1 to 003-P-S-4

fat content (%): 29,85

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 6,5      | 69  |
| PCB 81  | 1,3      |   |
| PCB 126 | 2,6      | 82  |
| PCB 169 | 0,9      | 72  |
| PCB 105 | 150      | 82  |
| PCB 114 | 4,5      |   |
| PCB 118 | 750      | 104   |
| PCB 123 | 6,1      |   |
| PCB 156 | 26       | 71  |
| PCB 157 | 6,1      |   |
| PCB 167 | 23       | 77  |
| PCB 189 | 2,6      | 50  |

**WHO-PCB-TEQ** **0,38**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,38**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,38**  
 (including LOQ)



|                   |          |                |                  |
|-------------------|----------|----------------|------------------|
| <b>Sample ID:</b> | 415/01-3 | <b>Matrix:</b> | 003 poultry meat |
|                   |          | <b>Region:</b> | GRIT             |

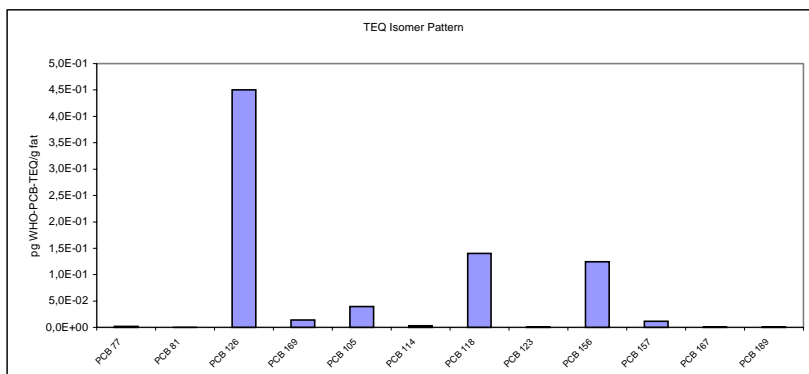
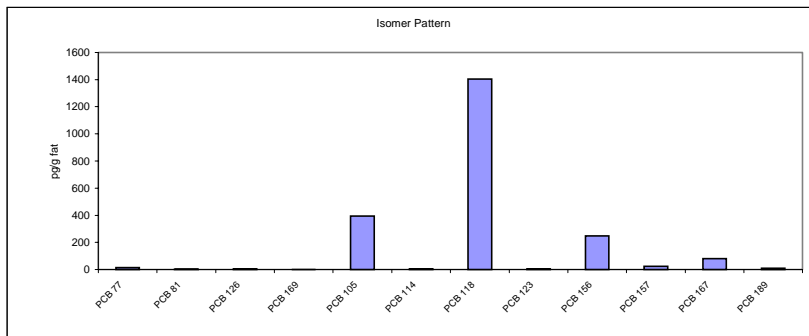
**Mixed Sample Composition**

no. individ. samples: 15  
 individual sample ID: 003-G-G-1 to 003-G-G-2  
 003-G-N-1 to 003-G-N-11  
 003-G-S-1 to 003-G-S-2

fat content (%): 19,3

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 16       | 64  |
| PCB 81  | 2,3      |   |
| PCB 126 | 4,5      | 80  |
| PCB 169 | 1,4      | 55  |
| PCB 105 | 400      | 83  |
| PCB 114 | 6,5      |   |
| PCB 118 | 1400     | 105   |
| PCB 123 | 6,4      |   |
| PCB 156 | 250      | 50  |
| PCB 157 | 23       |   |
| PCB 167 | 81       | 76  |
| PCB 189 | 9,8      | 45  |

**WHO-PCB-TEQ** **0,79**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,79**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,79**  
 (including LOQ)



|                   |          |                |                  |
|-------------------|----------|----------------|------------------|
| <b>Sample ID:</b> | 416/01-3 | <b>Matrix:</b> | 003 poultry meat |
|                   |          | <b>Region:</b> | IRUK             |

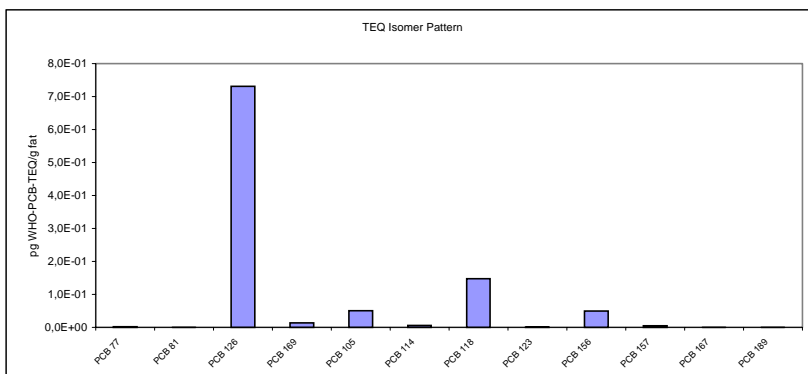
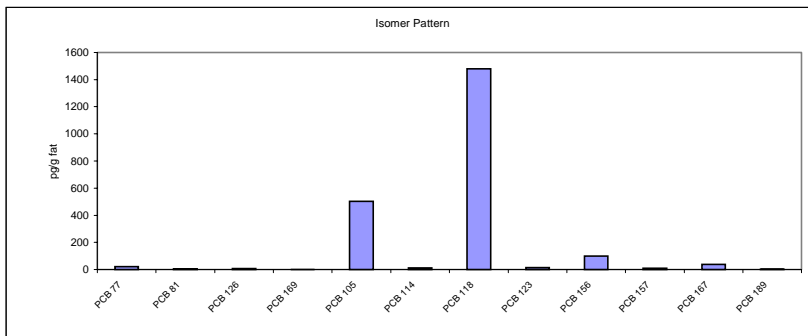
**Mixed Sample Composition**

no. individ. samples: 19  
 individual sample ID: 003-I-I-1  
 003-I-N-1 to 003-I-N-6  
 003-I-S-1 to 003-I-S-12

fat content (%): 35,03

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 22       | 67  |
| PCB 81  | 4,3      |   |
| PCB 126 | 7,3      | 75  |
| PCB 169 | 1,4      | 78  |
| PCB 105 | 500      | 79  |
| PCB 114 | 12       |   |
| PCB 118 | 1500     | 83  |
| PCB 123 | 16       |   |
| PCB 156 | 100      | 83  |
| PCB 157 | 9,8      |   |
| PCB 167 | 38       | 82  |
| PCB 189 | 3,9      | 63  |

**WHO-PCB-TEQ** **1,01**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **1,01**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **1,01**  
 (including LOQ)



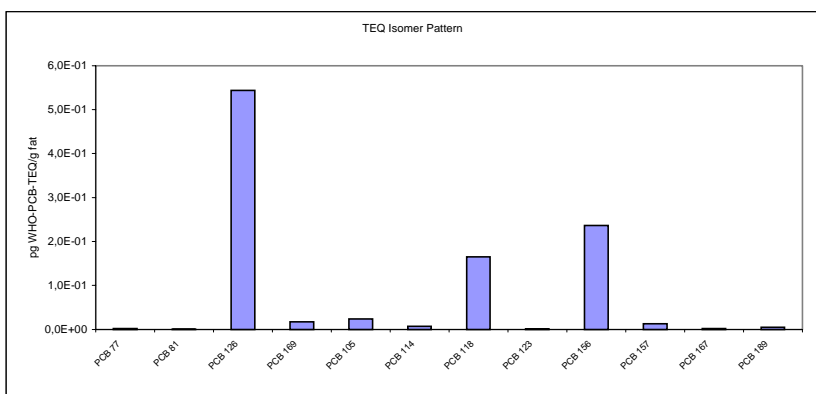
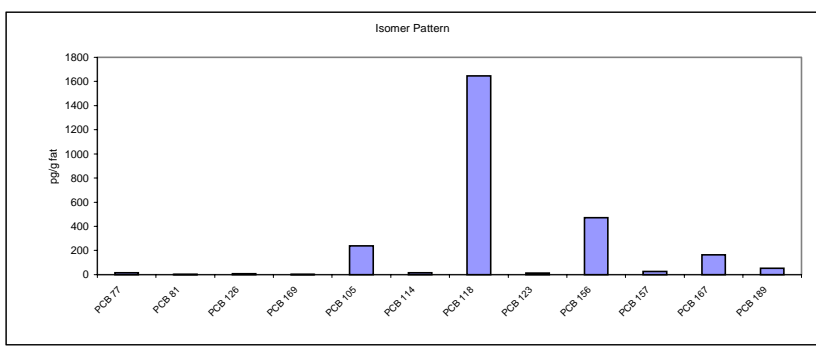
|                   |          |                |                  |
|-------------------|----------|----------------|------------------|
| <b>Sample ID:</b> | 417/01-2 | <b>Matrix:</b> | 003 poultry meat |
|                   |          | <b>Region:</b> | IMPORT           |

**Mixed Sample Composition**

no. individ. samples: 3  
 individual sample ID: 003-I-MEC-1  
 003-I-OTH-1 to 003-I-OTH-2  
 fat content (%): 22,65

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 15       | 71  |
| PCB 81  | 1,3      |   |
| PCB 126 | 5,4      | 78  |
| PCB 169 | 1,7      | 82  |
| PCB 105 | 240      | 72  |
| PCB 114 | 14       |   |
| PCB 118 | 1600     | 69  |
| PCB 123 | 12       |   |
| PCB 156 | 470      | 73  |
| PCB 157 | 26       |   |
| PCB 167 | 160      | 68  |
| PCB 189 | 51       | 62  |

|   |             |
|---|-------------|
| <b>WHO-PCB-TEQ</b><br>(excluding LOQ)     | <b>1,01</b> |
| <b>WHO-PCB-TEQ</b><br>(including 1/2 LOQ) | <b>1,01</b> |
| <b>WHO-PCB-TEQ</b><br>(including LOQ)     | <b>1,01</b> |



## 9.5.4 Animal Raw Fat

| Sample ID:                                 | 410/01-4  | Matrix:   | 004 animal raw fat |
|--|---|---|--------------------|
|  |   | Region:   | AUGE               |
| <b>Mixed Sample Composition</b>            |   |   |                    |
| no. individ. samples:                      | 25  |   |                    |
| individual sample ID:                      | 004-A-A-1 to 004-A-A-3<br>004-A-N-1 to 004-A-N-15<br>004-A-S-1 to 004-A-S-7 |   |                    |
| fat content (%):                           | 99,7  |   |                    |
| <b>Results</b>                             | <b>pg/g fat</b>   | <b>Recovery rate<br/><sup>13</sup>C<sub>12</sub> standard</b> |                    |
| PCB 77                                     | 2,0   | 88  |                    |
| PCB 81                                     | 0,2   |   |                    |
| PCB 126                                    | 0,5   | 104   |                    |
| PCB 169                                    | <   | 90  |                    |
| PCB 105                                    | 53  | 97  |                    |
| PCB 114                                    | 3,2   |   |                    |
| PCB 118                                    | 240   | 97  |                    |
| PCB 123                                    | <   | 4,0   |                    |
| PCB 156                                    | 58  | 91  |                    |
| PCB 157                                    | 4,1   |   |                    |
| PCB 167                                    | 8,7   | 112   |                    |
| PCB 189                                    | 4,2   | 89  |                    |
| <b>WHO-PCB-TEQ<br/>(excluding LOQ)</b>     | <b>0,11</b>   |   |                    |
| <b>WHO-PCB-TEQ<br/>(including 1/2 LOQ)</b> | <b>0,11</b>   |   |                    |
| <b>WHO-PCB-TEQ<br/>(including LOQ)</b>     | <b>0,11</b>   |   |                    |
|  |   |   |                    |
|  |   |   |                    |

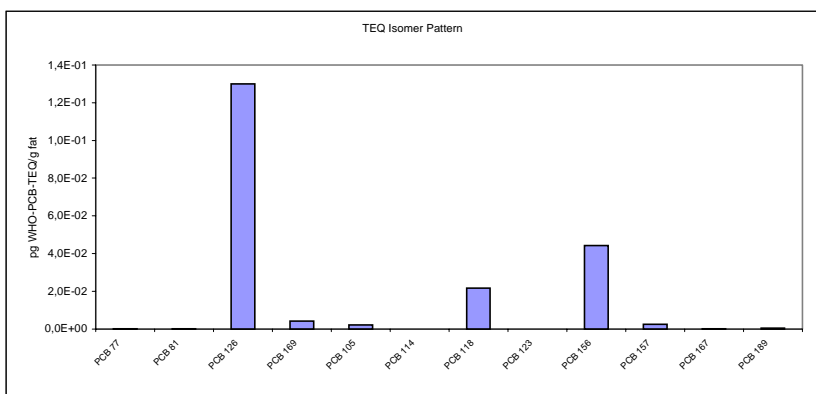
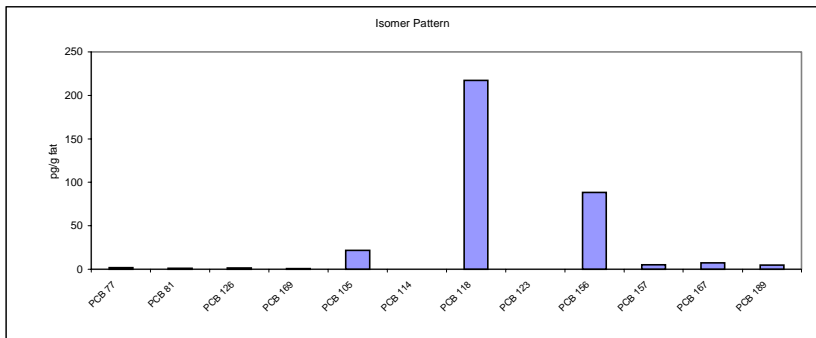
|                   |          |                |                |
|-------------------|----------|----------------|----------------|
| <b>Sample ID:</b> | 411/01-4 | <b>Matrix:</b> | Animal raw fat |
|                   |          | <b>Region:</b> | BENE           |

**Mixed Sample Composition**

no. individ. samples: 16  
 individual sample ID: 004-B-B-1 to 004-B-B-8  
 004-B-N-1 to 004-B-N-8  
 fat content (%): 99,93

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 1,8      | 82  |
| PCB 81  | 0,8      |   |
| PCB 126 | 1,3      | 93  |
| PCB 169 | 0,4      | 89  |
| PCB 105 | 22       | 95  |
| PCB 114 | < 3,0    |   |
| PCB 118 | 220      | 88  |
| PCB 123 | < 4,0    |   |
| PCB 156 | 88       | 91  |
| PCB 157 | 4,9      |   |
| PCB 167 | 7,2      | 93  |
| PCB 189 | 4,5      | 98  |

**WHO-PCB-TEQ** **0,21**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,21**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,21**  
 (including LOQ)



|                   |          |                |                    |
|-------------------|----------|----------------|--------------------|
| <b>Sample ID:</b> | 412/01-4 | <b>Matrix:</b> | 004 animal raw fat |
|                   |          | <b>Region:</b> | SCAN               |

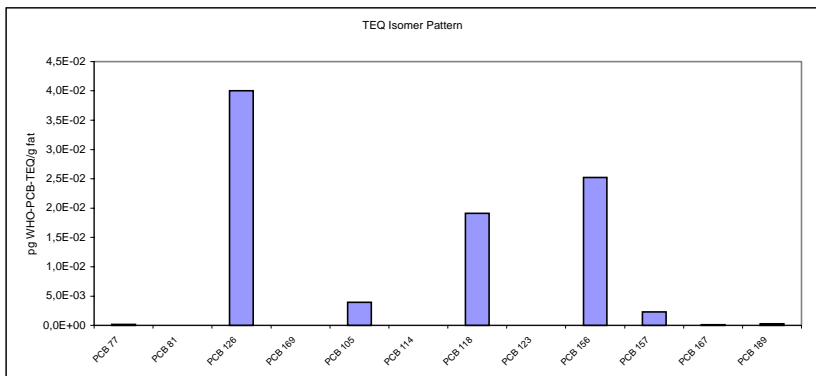
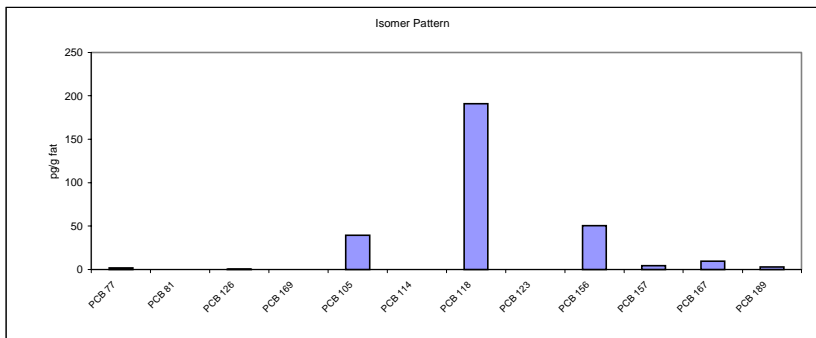
**Mixed Sample Composition**

no. individ. samples: 6  
 individual sample ID: 004-S-D-1 to 004-S-D-3  
 004-S-F-1  
 004-S-S-1 to 004-S-S-2

fat content (%) 99,9

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 2,0      | 94  |
| PCB 81  | <        | 0,2   |
| PCB 126 | 0,4      | 105   |
| PCB 169 | <        | 0,2   |
| PCB 105 | 39       | 91  |
| PCB 114 | <        | 3,0   |
| PCB 118 | 190      | 102   |
| PCB 123 | <        | 4,0   |
| PCB 156 | 51       | 95  |
| PCB 157 | 4,6      |   |
| PCB 167 | 9,6      | 117   |
| PCB 189 | 3,0      | 94  |

**WHO-PCB-TEQ** **0,09**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,09**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,10**  
 (including LOQ)



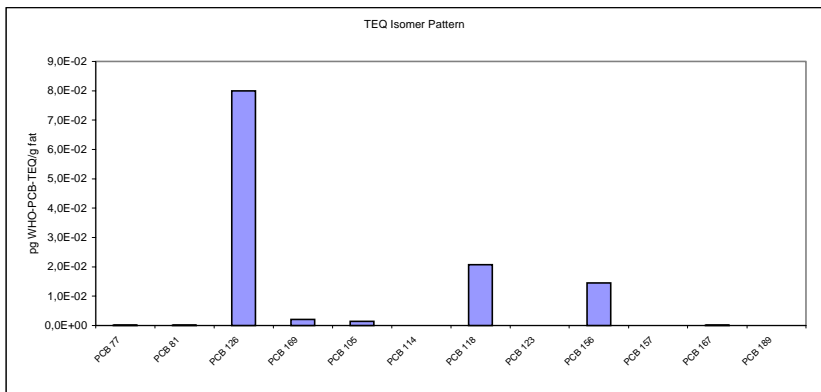
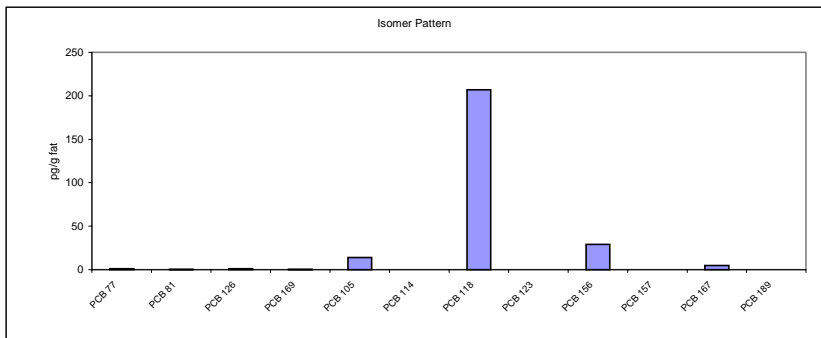
|                   |          |                |                |
|-------------------|----------|----------------|----------------|
| <b>Sample ID:</b> | 413/01-4 | <b>Matrix:</b> | Animal raw fat |
|                   |          | <b>Region:</b> | FRANCE         |

**Mixed Sample Composition**

no. individ. samples: 12  
 individual sample ID: 004-F-N-1 to 004-F-N-9  
 004-F-S-1 to 004-F-S-3  
 fat content (%): 99,92

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 1,1      | 82  |
| PCB 81  | 0,2      |   |
| PCB 126 | 0,8      | 97  |
| PCB 169 | 0,2      | 90  |
| PCB 105 | 14       | 74  |
| PCB 114 | <        | 3,0   |
| PCB 118 | 210      | 86  |
| PCB 123 | <        | 4,0   |
| PCB 156 | 29       | 92  |
| PCB 157 | <        | 4,0   |
| PCB 167 | 4,6      | 98  |
| PCB 189 | <        | 4,0   |
|         |          | 106   |

**WHO-PCB-TEQ** (excluding LOQ) **0,12**  
**WHO-PCB-TEQ** (including 1/2 LOQ) **0,12**  
**WHO-PCB-TEQ** (including LOQ) **0,12**



|                   |          |                |                    |
|-------------------|----------|----------------|--------------------|
| <b>Sample ID:</b> | 414/01-4 | <b>Matrix:</b> | 004 animal raw fat |
|                   |          | <b>Region:</b> | POSP               |

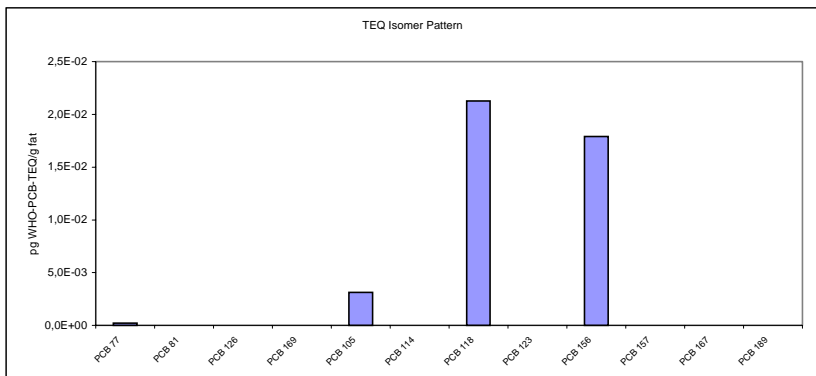
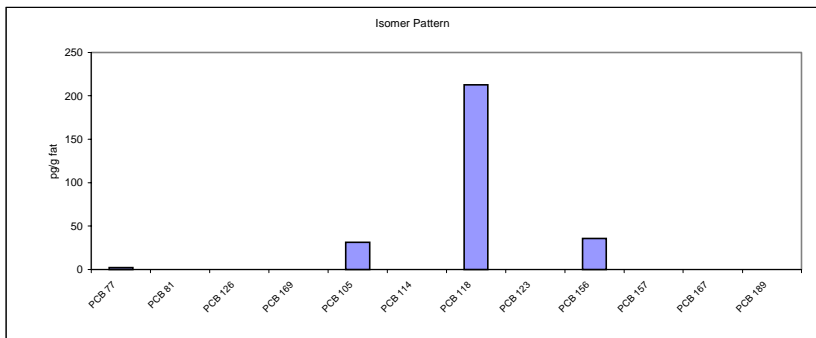
**Mixed Sample Composition**

no. individ. samples: 15  
 individual sample ID: 004-P-P-1 to 004-P-P-3  
 004-P-N-1 to 004-P-N-6  
 004-P-S-1 to 004-P-S-6

fat content (%): 99,9

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 2,3      | 79  |
| PCB 81  | <        | 0,2   |
| PCB 126 | <        | 0,2   |
| PCB 169 | <        | 0,2   |
| PCB 105 | 31       | 81  |
| PCB 114 | <        | 3,0   |
| PCB 118 | 210      | 84  |
| PCB 123 | <        | 4,0   |
| PCB 156 | 36       | 92  |
| PCB 157 | <        | 4,0   |
| PCB 167 | <        | 4,0   |
| PCB 189 | <        | 4,0   |

**WHO-PCB-TEQ** **0,04**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,06**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,07**  
 (including LOQ)



|                   |          |                |                |
|-------------------|----------|----------------|----------------|
| <b>Sample ID:</b> | 415/01-4 | <b>Matrix:</b> | Animal raw fat |
|                   |          | <b>Region:</b> | GRIT           |

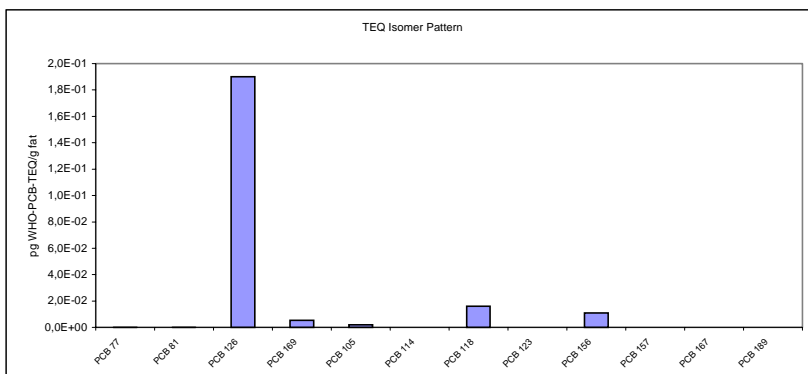
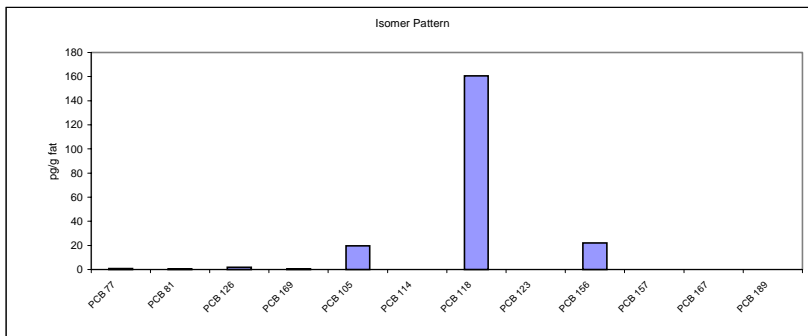
**Mixed Sample Composition**

no. individ. samples: 13  
 individual sample ID: 004-G-G-1 to 004-G-G-2  
 004-G-N-1 to 004-G-N-9  
 004-G-S-1 to 004-G-S-2

fat content (%): 100

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 1,0      | 65  |
| PCB 81  | 0,7      |   |
| PCB 126 | 1,9      | 102   |
| PCB 169 | 0,5      | 90  |
| PCB 105 | 20       | 95  |
| PCB 114 | <        | 4,0   |
| PCB 118 | 160      | 74  |
| PCB 123 | <        | 4,0   |
| PCB 156 | 22       | 77  |
| PCB 157 | <        | 4,0   |
| PCB 167 | <        | 4,0   |
| PCB 189 | <        | 4,0   |

**WHO-PCB-TEQ** **0,22**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,23**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,23**  
 (including LOQ)



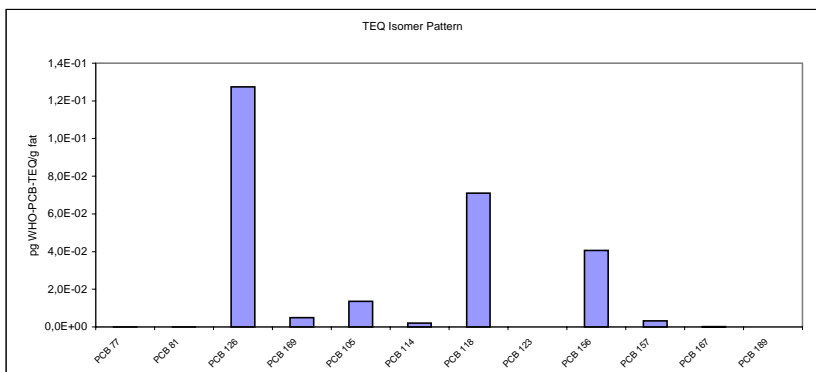
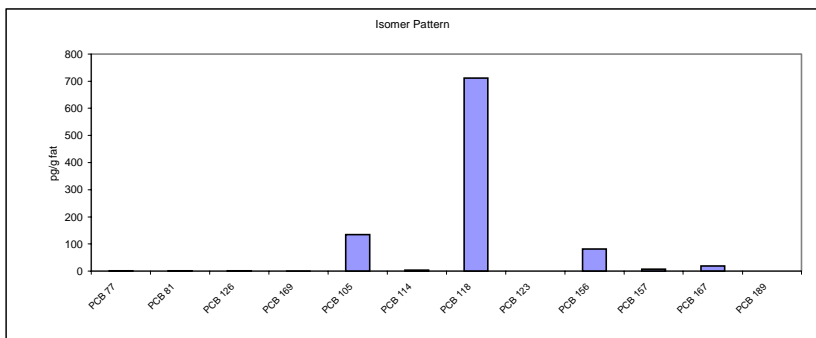
|                   |          |                |                |
|-------------------|----------|----------------|----------------|
| <b>Sample ID:</b> | 416/01-4 | <b>Matrix:</b> | Animal raw fat |
|                   |          | <b>Region:</b> | IRUK           |

**Mixed Sample Composition**

no. individ. samples: 9  
 individual sample ID: 004-I-I-1 to 004-I-I-4  
 004-I-N-1 to 004-I-N-3  
 004-I-S-1 to 004-I-S-2  
 fat content (%): 100

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 0,9      | 78  |
| PCB 81  | 1,2      |   |
| PCB 126 | 1,3      | 85  |
| PCB 169 | 0,5      | 83  |
| PCB 105 | 140      | 83  |
| PCB 114 | 4,1      |   |
| PCB 118 | 710      | 82  |
| PCB 123 | <        | 4,0   |
| PCB 156 | 81       | 85  |
| PCB 157 | 6,6      |   |
| PCB 167 | 19       | 97  |
| PCB 189 | <        | 3,0   |

|  |             |
|--|-------------|
| <b>WHO-PCB-TEQ<br/>(excluding LOQ)</b>     | <b>0,26</b> |
| <b>WHO-PCB-TEQ<br/>(including 1/2 LOQ)</b> | <b>0,26</b> |
| <b>WHO-PCB-TEQ<br/>(including LOQ)</b>     | <b>0,26</b> |



## 9.5.5 Milk (Producer Milk)

| Sample ID:   | 410/01-5                             | Matrix:   | 005 milk (producer milk) |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |
|--|--------------------------------------|---|--------------------------|--------------|--------------------------------------|--------|---------|--------|----------|---------|--------|---------|---------|---------|--------|---------|---------|---------|-------|---------|---------|---------|--------|---------|---------|---------|---------|---------|---------|
|  |                                      | Region:   | AUGE                     |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |
| <b>Mixed Sample Composition</b>  |                                      |   |                          |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |
| no. individ. samples:  | 26                                   |   |                          |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |
| individual sample ID:  | 005-A-A-1 to 004-A-A-3               |   |                          |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |
|  | 005-A-N-1 to 004-A-N-13              |   |                          |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |
|  | 005-A-S-1 to 004-A-S-10              |   |                          |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |
| fat content (%):   | 4,18                                 |   |                          |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |
| <b>Results</b>   | <b>pg/g fat</b>                      | <b>Recovery rate <sup>13</sup>C<sub>12</sub> standard</b> |                          |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |
| PCB 77   | 24                                   | 68  |                          |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |
| PCB 81   | 0,9                                  |   |                          |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |
| PCB 126  | 6,3                                  | 80  |                          |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |
| PCB 169  | 1,5                                  | 81  |                          |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |
| PCB 105  | 210                                  | 82  |                          |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |
| PCB 114  | 8,8                                  |   |                          |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |
| PCB 118  | 1100                                 | 82  |                          |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |
| PCB 123  | 8,6                                  |   |                          |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |
| PCB 156  | 170                                  | 76  |                          |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |
| PCB 157  | 9,9                                  |   |                          |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |
| PCB 167  | 81                                   | 70  |                          |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |
| PCB 189  | 7,8                                  | 86  |                          |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |
| <b>WHO-PCB-TEQ (excluding LOQ)</b>   | <b>0,87</b>                          |   |                          |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b>   | <b>0,87</b>                          |   |                          |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |
| <b>WHO-PCB-TEQ (including LOQ)</b>   | <b>0,87</b>                          |   |                          |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |
| <p>Isomer Pattern</p> <table border="1"> <caption>Isomer Pattern Data (pg/g fat)</caption> <thead> <tr> <th>PCB Congener</th> <th>Concentration (pg/g fat)</th> </tr> </thead> <tbody> <tr><td>PCB 77</td><td>24</td></tr> <tr><td>PCB 81</td><td>0,9</td></tr> <tr><td>PCB 126</td><td>6,3</td></tr> <tr><td>PCB 169</td><td>1,5</td></tr> <tr><td>PCB 105</td><td>210</td></tr> <tr><td>PCB 114</td><td>8,8</td></tr> <tr><td>PCB 118</td><td>1100</td></tr> <tr><td>PCB 123</td><td>8,6</td></tr> <tr><td>PCB 156</td><td>170</td></tr> <tr><td>PCB 157</td><td>9,9</td></tr> <tr><td>PCB 167</td><td>81</td></tr> <tr><td>PCB 189</td><td>7,8</td></tr> </tbody> </table>  |                                      |   |                          | PCB Congener | Concentration (pg/g fat)             | PCB 77 | 24      | PCB 81 | 0,9      | PCB 126 | 6,3    | PCB 169 | 1,5     | PCB 105 | 210    | PCB 114 | 8,8     | PCB 118 | 1100  | PCB 123 | 8,6     | PCB 156 | 170    | PCB 157 | 9,9     | PCB 167 | 81      | PCB 189 | 7,8     |
| PCB Congener   | Concentration (pg/g fat)             |   |                          |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |
| PCB 77   | 24                                   |   |                          |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |
| PCB 81   | 0,9                                  |   |                          |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |
| PCB 126  | 6,3                                  |   |                          |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |
| PCB 169  | 1,5                                  |   |                          |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |
| PCB 105  | 210                                  |   |                          |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |
| PCB 114  | 8,8                                  |   |                          |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |
| PCB 118  | 1100                                 |   |                          |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |
| PCB 123  | 8,6                                  |   |                          |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |
| PCB 156  | 170                                  |   |                          |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |
| PCB 157  | 9,9                                  |   |                          |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |
| PCB 167  | 81                                   |   |                          |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |
| PCB 189  | 7,8                                  |   |                          |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |
| <p>TEQ Isomer Pattern</p> <table border="1"> <caption>TEQ Isomer Pattern Data (pg WHO-PCB-TEQ/g fat)</caption> <thead> <tr> <th>PCB Congener</th> <th>Concentration (pg WHO-PCB-TEQ/g fat)</th> </tr> </thead> <tbody> <tr><td>PCB 77</td><td>0,00024</td></tr> <tr><td>PCB 81</td><td>0,000009</td></tr> <tr><td>PCB 126</td><td>0,0063</td></tr> <tr><td>PCB 169</td><td>0,00015</td></tr> <tr><td>PCB 105</td><td>0,0021</td></tr> <tr><td>PCB 114</td><td>0,00088</td></tr> <tr><td>PCB 118</td><td>0,011</td></tr> <tr><td>PCB 123</td><td>0,00086</td></tr> <tr><td>PCB 156</td><td>0,0017</td></tr> <tr><td>PCB 157</td><td>0,00099</td></tr> <tr><td>PCB 167</td><td>0,00081</td></tr> <tr><td>PCB 189</td><td>0,00078</td></tr> </tbody> </table> |                                      |   |                          | PCB Congener | Concentration (pg WHO-PCB-TEQ/g fat) | PCB 77 | 0,00024 | PCB 81 | 0,000009 | PCB 126 | 0,0063 | PCB 169 | 0,00015 | PCB 105 | 0,0021 | PCB 114 | 0,00088 | PCB 118 | 0,011 | PCB 123 | 0,00086 | PCB 156 | 0,0017 | PCB 157 | 0,00099 | PCB 167 | 0,00081 | PCB 189 | 0,00078 |
| PCB Congener   | Concentration (pg WHO-PCB-TEQ/g fat) |   |                          |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |
| PCB 77   | 0,00024                              |   |                          |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |
| PCB 81   | 0,000009                             |   |                          |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |
| PCB 126  | 0,0063                               |   |                          |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |
| PCB 169  | 0,00015                              |   |                          |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |
| PCB 105  | 0,0021                               |   |                          |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |
| PCB 114  | 0,00088                              |   |                          |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |
| PCB 118  | 0,011                                |   |                          |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |
| PCB 123  | 0,00086                              |   |                          |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |
| PCB 156  | 0,0017                               |   |                          |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |
| PCB 157  | 0,00099                              |   |                          |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |
| PCB 167  | 0,00081                              |   |                          |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |
| PCB 189  | 0,00078                              |   |                          |              |                                      |        |         |        |          |         |        |         |         |         |        |         |         |         |       |         |         |         |        |         |         |         |         |         |         |

|                   |          |                |                          |
|-------------------|----------|----------------|--------------------------|
| <b>Sample ID:</b> | 411/01-5 | <b>Matrix:</b> | 005 milk (producer milk) |
|                   |          | <b>Region:</b> | BENE                     |

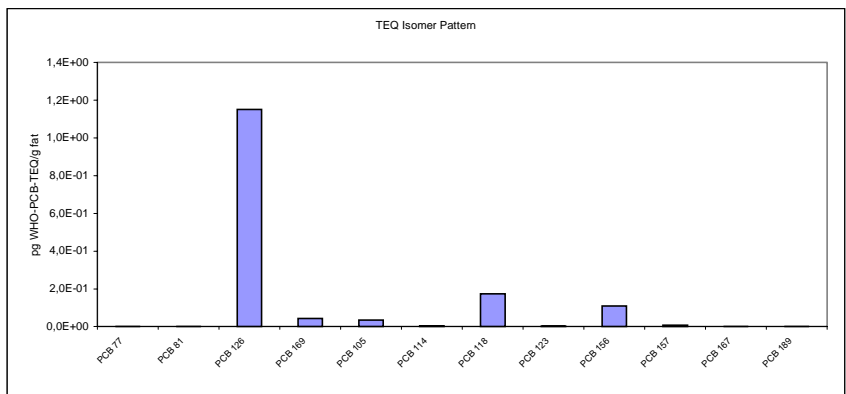
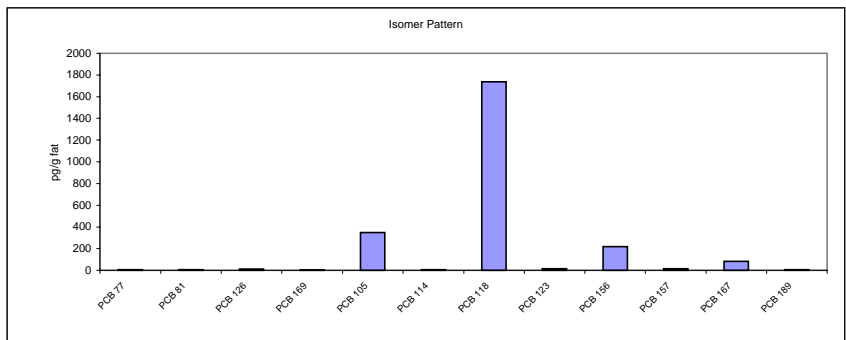
**Mixed Sample Composition**

no. individ. samples: 12  
 individual sample ID: 005-B-B-1 to 005-B-B-3  
 005-B-N-1 to 005-B-N-9

fat content (%) 3,6

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 5,9      | 65  |
| PCB 81  | 5,7      |   |
| PCB 126 | 12       | 79  |
| PCB 169 | 4,3      | 74  |
| PCB 105 | 350      | 74  |
| PCB 114 | 8,4      |   |
| PCB 118 | 1700     | 74  |
| PCB 123 | 15       |   |
| PCB 156 | 220      | 74  |
| PCB 157 | 14       |   |
| PCB 167 | 84       | 79  |
| PCB 189 | 5,9      | 57  |

**WHO-PCB-TEQ** 1,53  
 (excluding LOQ)  
**WHO-PCB-TEQ** 1,53  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** 1,53  
 (including LOQ)



|                   |          |                |                          |
|-------------------|----------|----------------|--------------------------|
| <b>Sample ID:</b> | 412/01-5 | <b>Matrix:</b> | 005 milk (producer milk) |
|                   |          | <b>Region:</b> | SCAN                     |

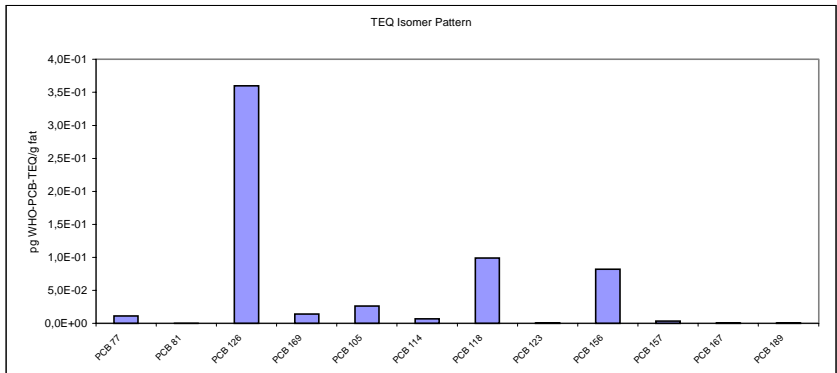
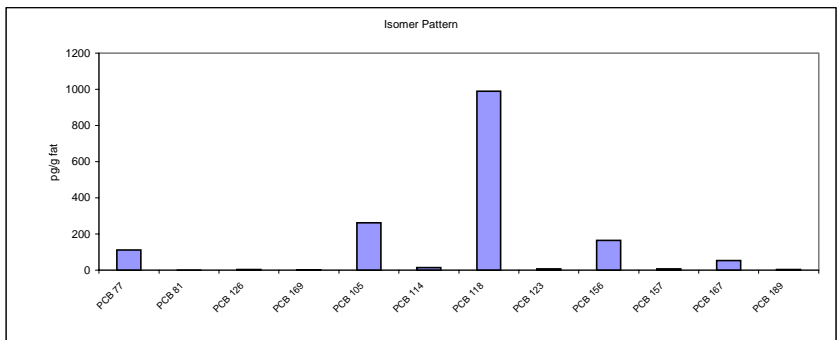
**Mixed Sample Composition**

no. individ. samples: 9  
 individual sample ID: 005-S-D-1 to 004-S-D-3  
 005-S-F-1 to 004-S-F-2  
 005-S-S-1 to 004-S-S-3

fat content (%): 3,77

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 110      | 97  |
| PCB 81  | 1,2      |   |
| PCB 126 | 3,6      | 116   |
| PCB 169 | 1,4      | 75  |
| PCB 105 | 260      | 92  |
| PCB 114 | 14       |   |
| PCB 118 | 990      | 100   |
| PCB 123 | 6,8      |   |
| PCB 156 | 160      | 77  |
| PCB 157 | 7,1      |   |
| PCB 167 | 54       | 73  |
| PCB 189 | 3,6      | 66  |

**WHO-PCB-TEQ** **0,60**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,60**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,60**  
 (including LOQ)



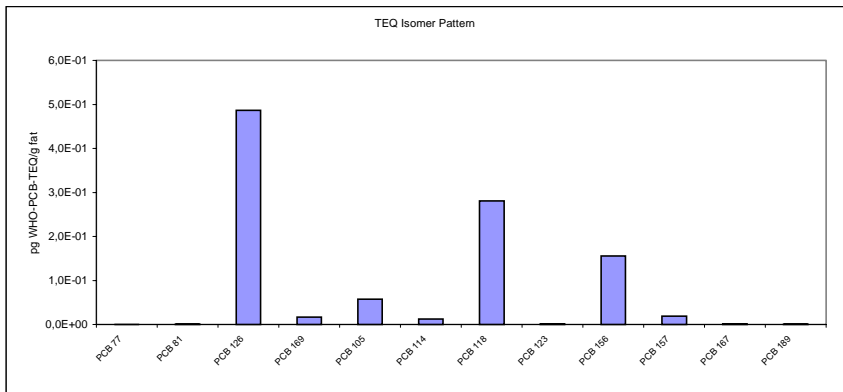
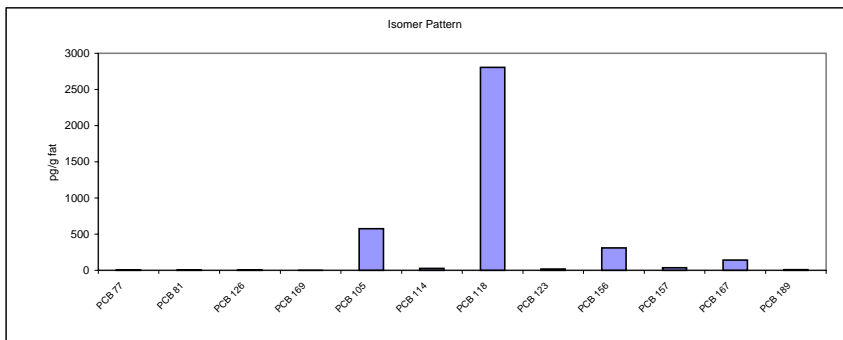
|                   |          |                |                          |
|-------------------|----------|----------------|--------------------------|
| <b>Sample ID:</b> | 413/01-5 | <b>Matrix:</b> | 005 milk (producer milk) |
|                   |          | <b>Region:</b> | FRANCE                   |

**Mixed Sample Composition**

no. individ. samples: 20  
 individual sample ID: 005-F-N-1 to 005-F-N-14  
 005-F-S-1 to 005-F-S-6  
 fat content (%): 3,88

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 4,8      | 73  |
| PCB 81  | 6,6      |   |
| PCB 126 | 4,9      | 88  |
| PCB 169 | 1,7      | 83  |
| PCB 105 | 580      | 81  |
| PCB 114 | 26       |   |
| PCB 118 | 2800     | 85  |
| PCB 123 | 19       |   |
| PCB 156 | 310      | 84  |
| PCB 157 | 39       |   |
| PCB 167 | 140      | 87  |
| PCB 189 | 8,0      | 60  |

**WHO-PCB-TEQ** **1,03**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **1,03**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **1,03**  
 (including LOQ)



|                   |          |                |                          |
|-------------------|----------|----------------|--------------------------|
| <b>Sample ID:</b> | 414/01-5 | <b>Matrix:</b> | 005 milk (producer milk) |
|                   |          | <b>Region:</b> | POSP                     |

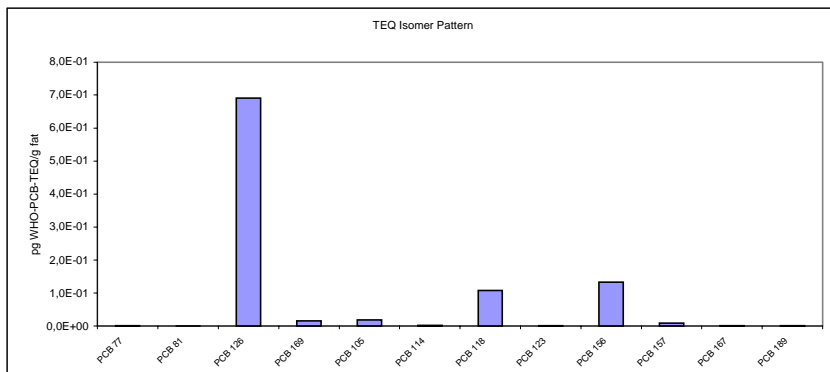
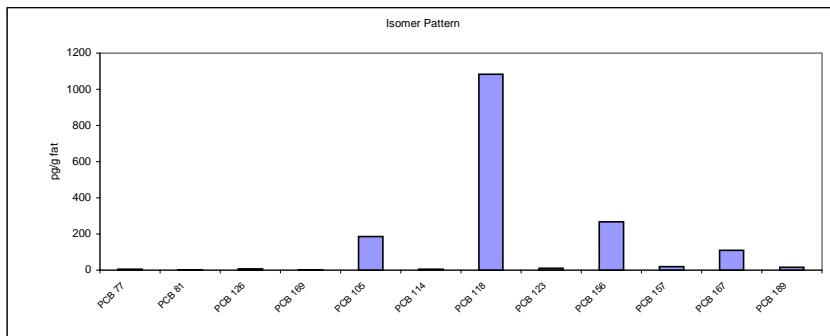
**Mixed Sample Composition**

no. individ. samples: 7  
 individual sample ID: 005-P-P-1 to 005-P-P-2  
 005-P-N-2 to 005-P-N-4  
 005-P-S-1 to 005-P-S-2

fat content (%): 3,26

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 5,1      | 71  |
| PCB 81  | 1,8      |   |
| PCB 126 | 6,9      | 87  |
| PCB 169 | 1,6      | 77  |
| PCB 105 | 180      | 78  |
| PCB 114 | 4,4      |   |
| PCB 118 | 1100     | 79  |
| PCB 123 | 9,7      |   |
| PCB 156 | 270      | 79  |
| PCB 157 | 18       |   |
| PCB 167 | 110      | 83  |
| PCB 189 | 14       | 58  |

**WHO-PCB-TEQ** **0,98**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,98**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,98**  
 (including LOQ)



|                   |          |                |                          |
|-------------------|----------|----------------|--------------------------|
| <b>Sample ID:</b> | 415/01-5 | <b>Matrix:</b> | 005 milk (producer milk) |
|                   |          | <b>Region:</b> | GRIT                     |

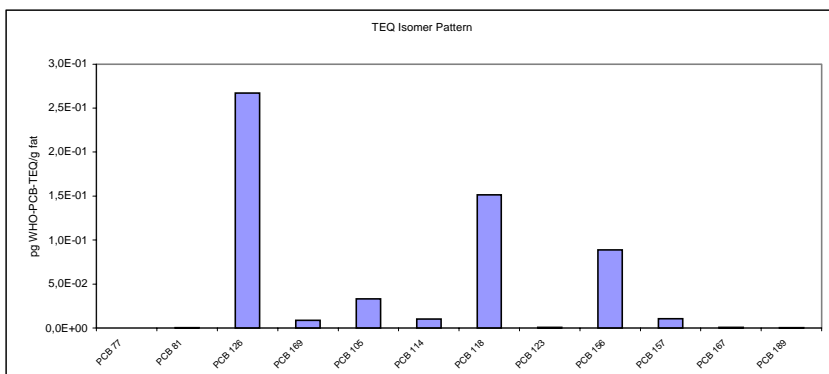
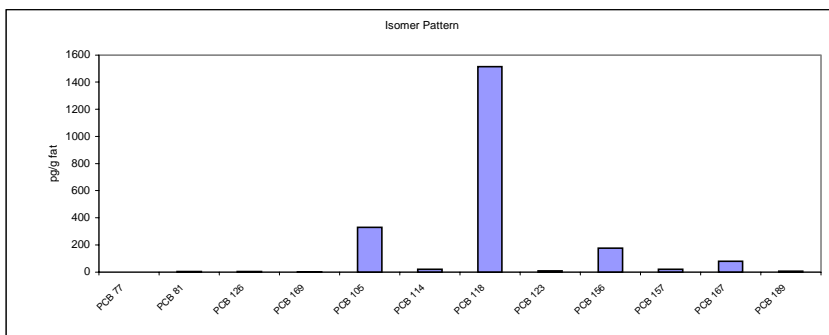
**Mixed Sample Composition**

no. individ. samples: 10  
 individual sample ID: 005-G-G-1  
 005-G-N-1 to 004-G-N-7  
 005-I-S-1 to 005-G-S-2

fat content (%): 3,56

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | <        | 3,0   |
| PCB 81  |          | 2,5   |
| PCB 126 |          | 2,7   |
| PCB 169 |          | 0,9   |
| PCB 105 |          | 330   |
| PCB 114 |          | 20  |
| PCB 118 |          | 1500  |
| PCB 123 |          | 9,2   |
| PCB 156 |          | 180   |
| PCB 157 |          | 21  |
| PCB 167 |          | 80  |
| PCB 189 |          | 4,7   |

**WHO-PCB-TEQ** **0,57**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,57**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,57**  
 (including LOQ)



|                   |          |                |                          |
|-------------------|----------|----------------|--------------------------|
| <b>Sample ID:</b> | 416/01-5 | <b>Matrix:</b> | 005 milk (producer milk) |
|                   |          | <b>Region:</b> | IRUK                     |

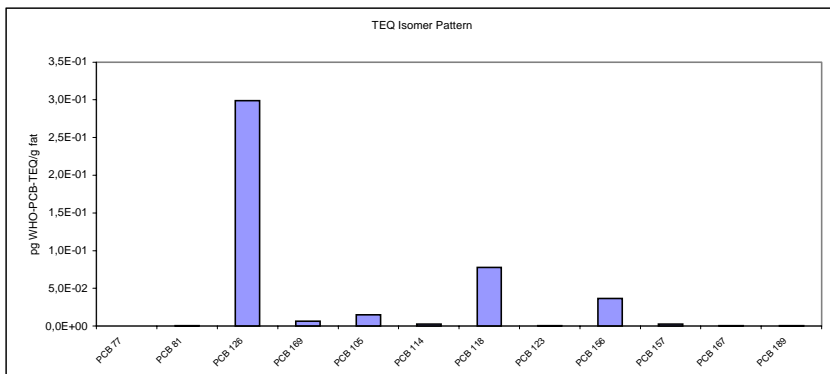
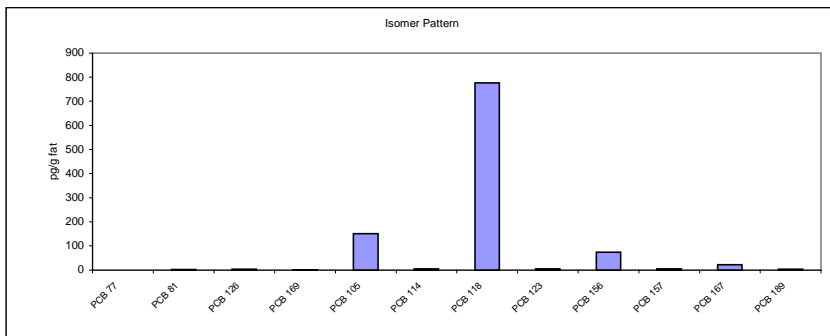
**Mixed Sample Composition**

no. individ. samples: 12  
 individual sample ID: 005-I-I-1 to 005-I-I-3  
 005-I-N-1 to 005-I-N-4  
 005-I-S-1, 005-I-S-3 to 005-I-S-5

fat content (%): 3,96

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | <        | 2,0   |
| PCB 81  |          | 2,0   |
| PCB 126 |          | 3,0   |
| PCB 169 |          | 0,6   |
| PCB 105 |          | 150   |
| PCB 114 |          | 5,1   |
| PCB 118 |          | 780   |
| PCB 123 |          | 4,7   |
| PCB 156 |          | 73  |
| PCB 157 |          | 5,1   |
| PCB 167 |          | 22  |
| PCB 189 |          | 3,2   |

**WHO-PCB-TEQ** **0,44**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,44**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,44**  
 (including LOQ)



## 9.5.6 Fresh Milk (Consumer Milk)

| Sample ID:                                 | 410/01-6   | Matrix:   | 006 fresh milk (Consumer) |
|--|--|---|---------------------------|
|  |  | Region:   | AUGE                      |
| <b>Mixed Sample Composition</b>            |  |   |                           |
| no. individ. samples:                      | 25   |   |                           |
| individual sample ID:                      | 006-A-A-1 to 006-A-A-2<br>006-A-N-1 to 006-A-N-13<br>006-A-S-1 to 006-A-S-10 |   |                           |
| fat content (%):                           | 2,92   |   |                           |
| <b>Results</b>                             | <b>pg/g fat</b>  | <b>Recovery rate<br/><sup>13</sup>C<sub>12</sub> standard</b> |                           |
| PCB 77                                     | 150  | 82  |                           |
| PCB 81                                     | 1,8  |   |                           |
| PCB 126                                    | 11   | 66  |                           |
| PCB 169                                    | 1,9  | 72  |                           |
| PCB 105                                    | 560  | 75  |                           |
| PCB 114                                    | 37   |   |                           |
| PCB 118                                    | 2300   | 82  |                           |
| PCB 123                                    | 11   |   |                           |
| PCB 156                                    | 560  | 69  |                           |
| PCB 157                                    | 25   |   |                           |
| PCB 167                                    | 190  | 71  |                           |
| PCB 189                                    | 18   | 56  |                           |
| <b>WHO-PCB-TEQ<br/>(excluding LOQ)</b>     | <b>1,69</b>  |   |                           |
| <b>WHO-PCB-TEQ<br/>(including 1/2 LOQ)</b> | <b>1,69</b>  |   |                           |
| <b>WHO-PCB-TEQ<br/>(including LOQ)</b>     | <b>1,69</b>  |   |                           |
|  |  |   |                           |
|  |  |   |                           |

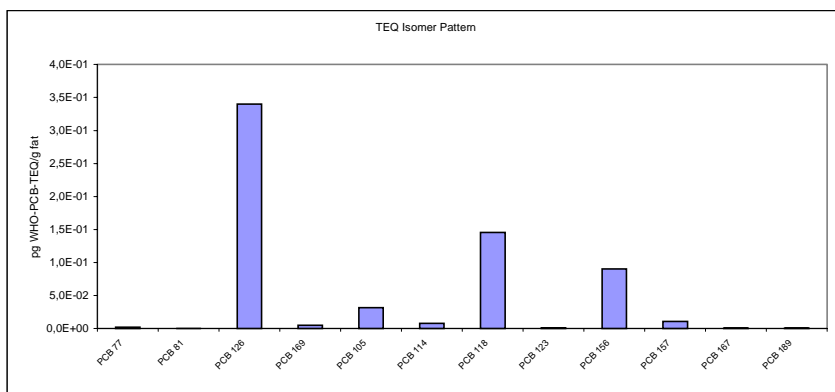
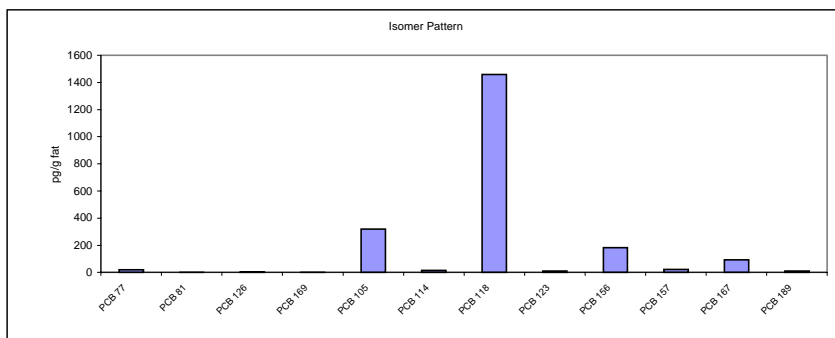
|                   |          |                |                           |
|-------------------|----------|----------------|---------------------------|
| <b>Sample ID:</b> | 411/01-6 | <b>Matrix:</b> | 006 fresh milk (Consumer) |
|                   |          | <b>Region:</b> | BENE                      |

**Mixed Sample Composition**

no. individ. samples: 12  
 individual sample ID: 006-B-B-1 to 006-B-B-3  
 006-B-N-1 to 006-B-N-9  
 fat content (%): 3,67

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 19       | 94  |
| PCB 81  | 1,2      |   |
| PCB 126 | 3,4      | 112   |
| PCB 169 | 0,5      | 103   |
| PCB 105 | 320      | 96  |
| PCB 114 | 15       |   |
| PCB 118 | 1500     | 96  |
| PCB 123 | 9,6      |   |
| PCB 156 | 180      | 91  |
| PCB 157 | 22       |   |
| PCB 167 | 93       | 89  |
| PCB 189 | 9,2      | 96  |

**WHO-PCB-TEQ** **0,64**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,64**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,64**  
 (including LOQ)



|                   |          |                |                          |
|-------------------|----------|----------------|--------------------------|
| <b>Sample ID:</b> | 412/01-6 | <b>Matrix:</b> | 006 milk (consumer milk) |
|                   |          | <b>Region:</b> | SCAN                     |

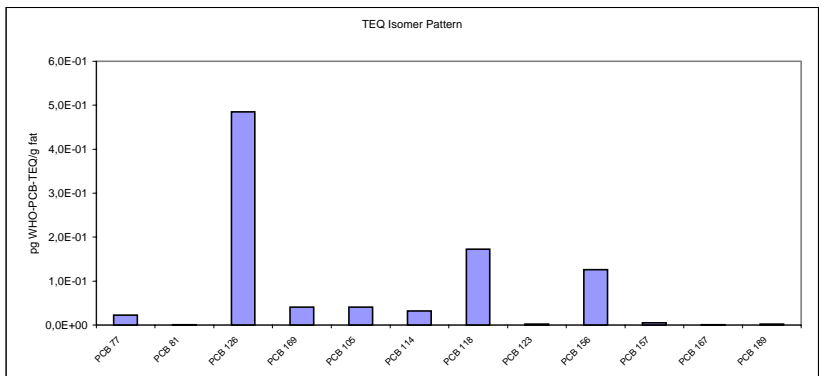
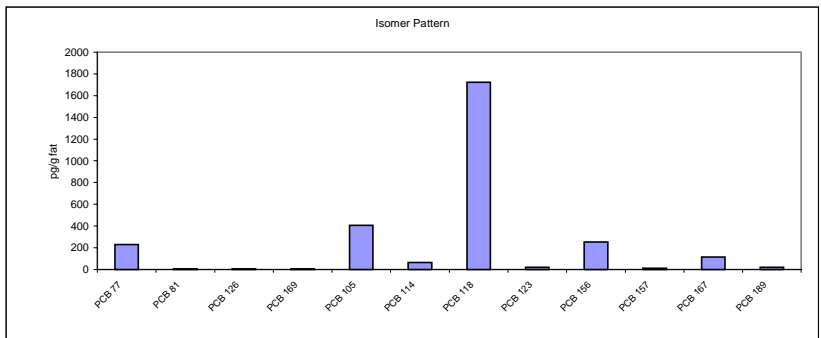
**Mixed Sample Composition**

no. individ. samples: 10  
 individual sample ID: 006-S-D-1 to 006-S-D-4  
 006-S-F-1 to 006-S-F-3  
 006-S-S-1 to 006-S-S-3

fat content (%): 2,99

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 230      | 81  |
| PCB 81  | 5,6      |   |
| PCB 126 | 4,9      | 97  |
| PCB 169 | 4,1      | 92  |
| PCB 105 | 410      | 97  |
| PCB 114 | 64       |   |
| PCB 118 | 1700     | 93  |
| PCB 123 | 19       |   |
| PCB 156 | 250      | 73  |
| PCB 157 | 11       |   |
| PCB 167 | 110      | 89  |
| PCB 189 | 20       | 90  |

**WHO-PCB-TEQ** **0,93**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,93**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,93**  
 (including LOQ)



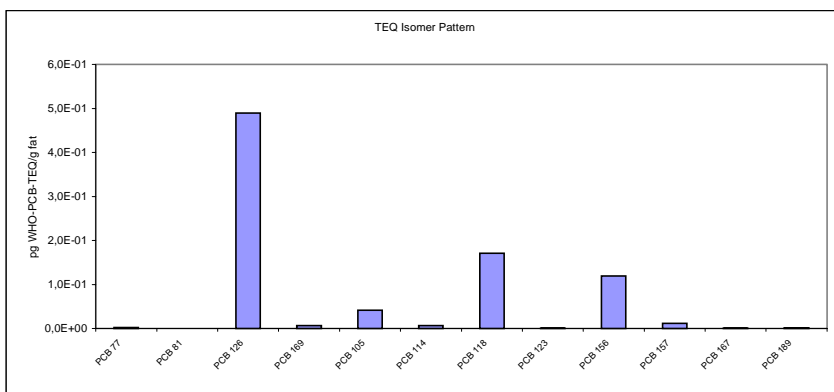
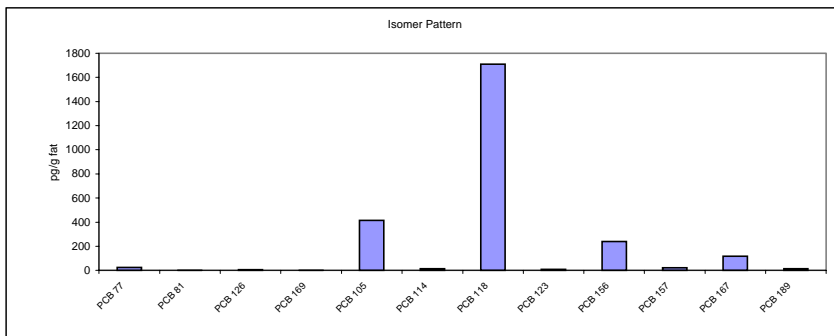
|                   |          |                |                           |
|-------------------|----------|----------------|---------------------------|
| <b>Sample ID:</b> | 413/01-6 | <b>Matrix:</b> | 006 fresh milk (Consumer) |
|                   |          | <b>Region:</b> | FRANCE                    |

**Mixed Sample Composition**

no. individ. samples: 20  
 individual sample ID: 006-F-N-1 to 006-F-N-14  
 006-F-S-1 to 006-F-S-6  
 fat content (%): 2,51

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 25       | 78  |
| PCB 81  | 0,9      |   |
| PCB 126 | 4,9      | 106   |
| PCB 169 | 0,7      | 89  |
| PCB 105 | 410      | 83  |
| PCB 114 | 14       |   |
| PCB 118 | 1700     | 85  |
| PCB 123 | 7,8      |   |
| PCB 156 | 240      | 81  |
| PCB 157 | 23       |   |
| PCB 167 | 120      | 79  |
| PCB 189 | 15       | 84  |

**WHO-PCB-TEQ** **0,85**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,85**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,85**  
 (including LOQ)



|                   |          |                |                          |
|-------------------|----------|----------------|--------------------------|
| <b>Sample ID:</b> | 414/01-6 | <b>Matrix:</b> | 006 milk (consumer milk) |
|                   |          | <b>Region:</b> | POSP                     |

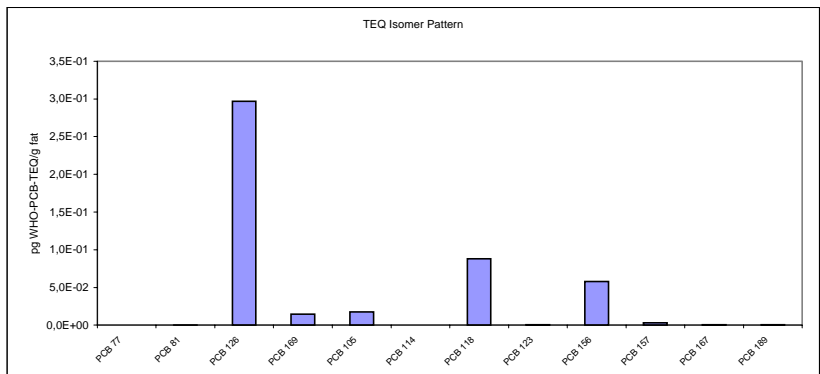
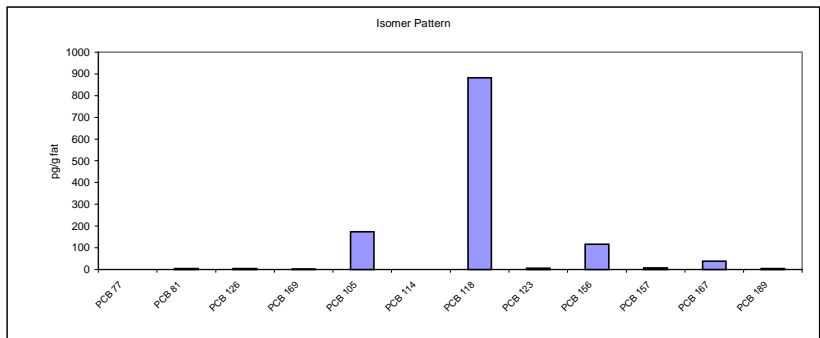
**Mixed Sample Composition**

no. individ. samples: 5  
 individual sample ID: 006-P-P-1  
 006-P-N-1 to 006-P-N-3  
 006-P-S-1

fat content (%): 3,12

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | <        | 3,0   |
| PCB 81  |          | 3,1   |
| PCB 126 |          | 3,0   |
| PCB 169 |          | 1,5   |
| PCB 105 |          | 170   |
| PCB 114 | <        | 6,0   |
| PCB 118 |          | 880   |
| PCB 123 |          | 4,7   |
| PCB 156 |          | 120   |
| PCB 157 |          | 6,0   |
| PCB 167 |          | 37  |
| PCB 189 |          | 4,2   |

**WHO-PCB-TEQ** **0,48**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,48**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,48**  
 (including LOQ)



|                   |          |                |                          |
|-------------------|----------|----------------|--------------------------|
| <b>Sample ID:</b> | 415/01-6 | <b>Matrix:</b> | 006 milk (consumer milk) |
|                   |          | <b>Region:</b> | GRIT                     |

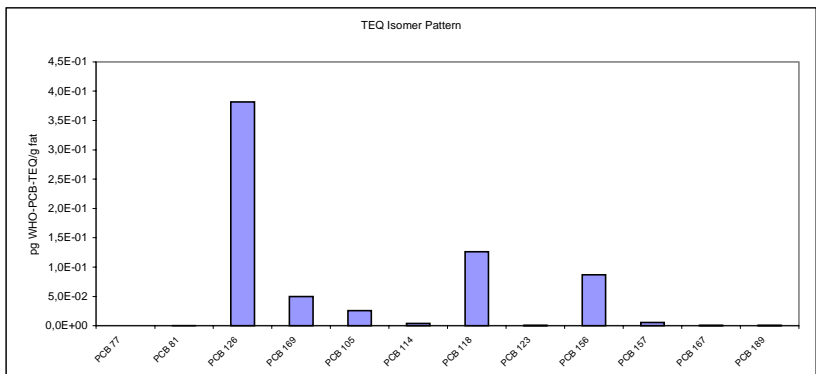
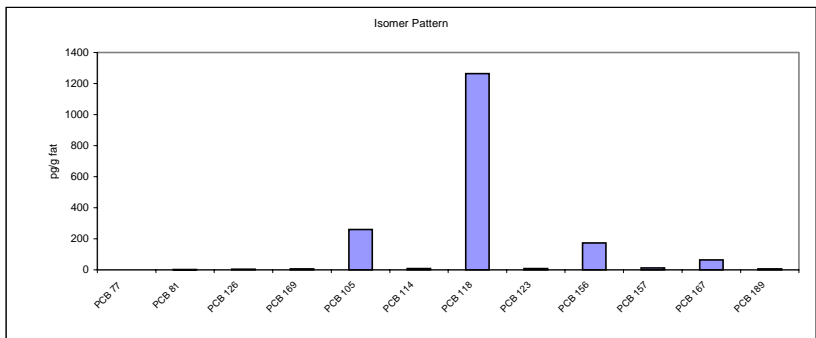
**Mixed Sample Composition**

no. individ. samples: 10  
 individual sample ID: 006-G-G-1  
 006-G-N-1 to 006-G-N-7  
 006-G-S-1 to 006-G-S-2

fat content (%): 2,97

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | <        | 3,0   |
| PCB 81  |          | 2,6   |
| PCB 126 |          | 3,8   |
| PCB 169 |          | 5,0   |
| PCB 105 |          | 260   |
| PCB 114 |          | 8,2   |
| PCB 118 |          | 1300  |
| PCB 123 |          | 8,5   |
| PCB 156 |          | 170   |
| PCB 157 |          | 11  |
| PCB 167 |          | 63  |
| PCB 189 |          | 5,7   |

**WHO-PCB-TEQ** **0,68**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,68**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,68**  
 (including LOQ)



|                   |          |                |                           |
|-------------------|----------|----------------|---------------------------|
| <b>Sample ID:</b> | 416/01-6 | <b>Matrix:</b> | 006 fresh milk (Consumer) |
|                   |          | <b>Region:</b> | IRUK                      |

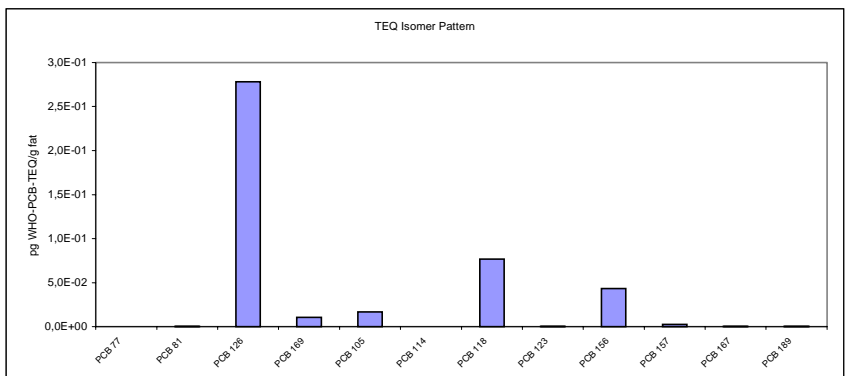
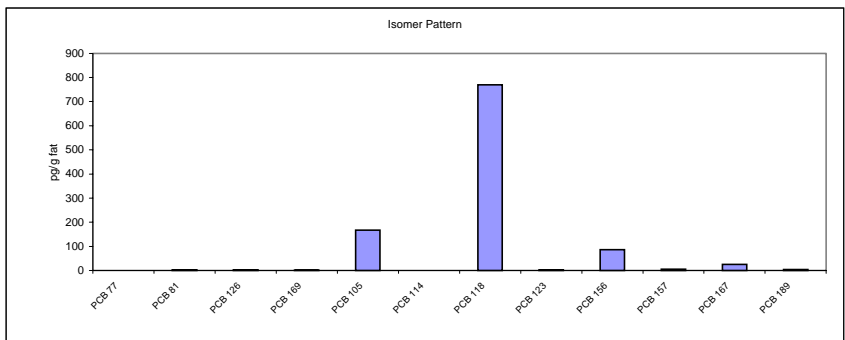
**Mixed Sample Composition**

no. individ. samples: 19  
 individual sample ID: 006-I-I-1 to 006-I-I-5  
 006-I-N-1 to 006-I-N-4  
 006-I-S-1 to 006-I-S-10

fat content (%): 3,55

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |    |
|---------|----------|---|----|
| PCB 77  | <        | 3,0   | 72 |
| PCB 81  |          | 2,4   |    |
| PCB 126 |          | 2,8   | 92 |
| PCB 169 |          | 1,1   | 65 |
| PCB 105 |          | 170   | 86 |
| PCB 114 | <        | 6,0   |    |
| PCB 118 |          | 770   | 86 |
| PCB 123 |          | 3,2   |    |
| PCB 156 |          | 87  | 78 |
| PCB 157 |          | 4,8   |    |
| PCB 167 |          | 26  | 82 |
| PCB 189 |          | 3,7   | 55 |

|   |             |
|---|-------------|
| <b>WHO-PCB-TEQ</b><br>(excluding LOQ)     | <b>0,43</b> |
| <b>WHO-PCB-TEQ</b><br>(including 1/2 LOQ) | <b>0,43</b> |
| <b>WHO-PCB-TEQ</b><br>(including LOQ)     | <b>0,43</b> |



## 9.5.7 Butter

| Sample ID:  | 410/01-7   | Matrix:   | 007 butter |              |                                      |        |         |        |         |         |       |         |         |         |       |         |         |         |       |         |         |         |        |         |         |         |        |         |         |
|---|--|---|------------|--------------|--------------------------------------|--------|---------|--------|---------|---------|-------|---------|---------|---------|-------|---------|---------|---------|-------|---------|---------|---------|--------|---------|---------|---------|--------|---------|---------|
|   |  | Region:   | AUGE       |              |                                      |        |         |        |         |         |       |         |         |         |       |         |         |         |       |         |         |         |        |         |         |         |        |         |         |
| <b>Mixed Sample Composition</b>   |  |   |            |              |                                      |        |         |        |         |         |       |         |         |         |       |         |         |         |       |         |         |         |        |         |         |         |        |         |         |
| no. individ. samples:   | 25   |   |            |              |                                      |        |         |        |         |         |       |         |         |         |       |         |         |         |       |         |         |         |        |         |         |         |        |         |         |
| individual sample ID:   | 007-A-A-1 to 007-A-A-2<br>007-A-N-1 to 007-A-N-13<br>007-A-S-1 to 007-A-S-10 |   |            |              |                                      |        |         |        |         |         |       |         |         |         |       |         |         |         |       |         |         |         |        |         |         |         |        |         |         |
| fat content (%):  | 93,15  |   |            |              |                                      |        |         |        |         |         |       |         |         |         |       |         |         |         |       |         |         |         |        |         |         |         |        |         |         |
| <b>Results</b>  | <b>pg/g fat</b>  | <b>Recovery rate<br/><sup>13</sup>C<sub>12</sub> standard</b> |            |              |                                      |        |         |        |         |         |       |         |         |         |       |         |         |         |       |         |         |         |        |         |         |         |        |         |         |
| PCB 77  | 1,5  | 86  |            |              |                                      |        |         |        |         |         |       |         |         |         |       |         |         |         |       |         |         |         |        |         |         |         |        |         |         |
| PCB 81  | 0,6  |   |            |              |                                      |        |         |        |         |         |       |         |         |         |       |         |         |         |       |         |         |         |        |         |         |         |        |         |         |
| PCB 126   | 2,5  | 98  |            |              |                                      |        |         |        |         |         |       |         |         |         |       |         |         |         |       |         |         |         |        |         |         |         |        |         |         |
| PCB 169   | 0,2  | 83  |            |              |                                      |        |         |        |         |         |       |         |         |         |       |         |         |         |       |         |         |         |        |         |         |         |        |         |         |
| PCB 105   | 110  | 94  |            |              |                                      |        |         |        |         |         |       |         |         |         |       |         |         |         |       |         |         |         |        |         |         |         |        |         |         |
| PCB 114   | 8,2  |   |            |              |                                      |        |         |        |         |         |       |         |         |         |       |         |         |         |       |         |         |         |        |         |         |         |        |         |         |
| PCB 118   | 600  | 95  |            |              |                                      |        |         |        |         |         |       |         |         |         |       |         |         |         |       |         |         |         |        |         |         |         |        |         |         |
| PCB 123   | < 4,0  |   |            |              |                                      |        |         |        |         |         |       |         |         |         |       |         |         |         |       |         |         |         |        |         |         |         |        |         |         |
| PCB 156   | 96   | 91  |            |              |                                      |        |         |        |         |         |       |         |         |         |       |         |         |         |       |         |         |         |        |         |         |         |        |         |         |
| PCB 157   | 9,6  |   |            |              |                                      |        |         |        |         |         |       |         |         |         |       |         |         |         |       |         |         |         |        |         |         |         |        |         |         |
| PCB 167   | 43   | 114   |            |              |                                      |        |         |        |         |         |       |         |         |         |       |         |         |         |       |         |         |         |        |         |         |         |        |         |         |
| PCB 189   | 5,3  | 64  |            |              |                                      |        |         |        |         |         |       |         |         |         |       |         |         |         |       |         |         |         |        |         |         |         |        |         |         |
| <b>WHO-PCB-TEQ<br/>(excluding LOQ)</b>  | <b>0,38</b>  |   |            |              |                                      |        |         |        |         |         |       |         |         |         |       |         |         |         |       |         |         |         |        |         |         |         |        |         |         |
| <b>WHO-PCB-TEQ<br/>(including 1/2 LOQ)</b>  | <b>0,38</b>  |   |            |              |                                      |        |         |        |         |         |       |         |         |         |       |         |         |         |       |         |         |         |        |         |         |         |        |         |         |
| <b>WHO-PCB-TEQ<br/>(including LOQ)</b>  | <b>0,38</b>  |   |            |              |                                      |        |         |        |         |         |       |         |         |         |       |         |         |         |       |         |         |         |        |         |         |         |        |         |         |
| <p>Isomer Pattern</p> <table border="1"> <caption>Approximate data for Isomer Pattern (pg/g fat)</caption> <thead> <tr> <th>PCB Congener</th> <th>Concentration (pg/g fat)</th> </tr> </thead> <tbody> <tr><td>PCB 77</td><td>~1.5</td></tr> <tr><td>PCB 81</td><td>~0.6</td></tr> <tr><td>PCB 126</td><td>~2.5</td></tr> <tr><td>PCB 169</td><td>~0.2</td></tr> <tr><td>PCB 105</td><td>~110</td></tr> <tr><td>PCB 114</td><td>~8.2</td></tr> <tr><td>PCB 118</td><td>~600</td></tr> <tr><td>PCB 123</td><td>&lt; 4.0</td></tr> <tr><td>PCB 156</td><td>~96</td></tr> <tr><td>PCB 157</td><td>~9.6</td></tr> <tr><td>PCB 167</td><td>~43</td></tr> <tr><td>PCB 189</td><td>~5.3</td></tr> </tbody> </table>  |  |   |            | PCB Congener | Concentration (pg/g fat)             | PCB 77 | ~1.5    | PCB 81 | ~0.6    | PCB 126 | ~2.5  | PCB 169 | ~0.2    | PCB 105 | ~110  | PCB 114 | ~8.2    | PCB 118 | ~600  | PCB 123 | < 4.0   | PCB 156 | ~96    | PCB 157 | ~9.6    | PCB 167 | ~43    | PCB 189 | ~5.3    |
| PCB Congener  | Concentration (pg/g fat)   |   |            |              |                                      |        |         |        |         |         |       |         |         |         |       |         |         |         |       |         |         |         |        |         |         |         |        |         |         |
| PCB 77  | ~1.5   |   |            |              |                                      |        |         |        |         |         |       |         |         |         |       |         |         |         |       |         |         |         |        |         |         |         |        |         |         |
| PCB 81  | ~0.6   |   |            |              |                                      |        |         |        |         |         |       |         |         |         |       |         |         |         |       |         |         |         |        |         |         |         |        |         |         |
| PCB 126   | ~2.5   |   |            |              |                                      |        |         |        |         |         |       |         |         |         |       |         |         |         |       |         |         |         |        |         |         |         |        |         |         |
| PCB 169   | ~0.2   |   |            |              |                                      |        |         |        |         |         |       |         |         |         |       |         |         |         |       |         |         |         |        |         |         |         |        |         |         |
| PCB 105   | ~110   |   |            |              |                                      |        |         |        |         |         |       |         |         |         |       |         |         |         |       |         |         |         |        |         |         |         |        |         |         |
| PCB 114   | ~8.2   |   |            |              |                                      |        |         |        |         |         |       |         |         |         |       |         |         |         |       |         |         |         |        |         |         |         |        |         |         |
| PCB 118   | ~600   |   |            |              |                                      |        |         |        |         |         |       |         |         |         |       |         |         |         |       |         |         |         |        |         |         |         |        |         |         |
| PCB 123   | < 4.0  |   |            |              |                                      |        |         |        |         |         |       |         |         |         |       |         |         |         |       |         |         |         |        |         |         |         |        |         |         |
| PCB 156   | ~96  |   |            |              |                                      |        |         |        |         |         |       |         |         |         |       |         |         |         |       |         |         |         |        |         |         |         |        |         |         |
| PCB 157   | ~9.6   |   |            |              |                                      |        |         |        |         |         |       |         |         |         |       |         |         |         |       |         |         |         |        |         |         |         |        |         |         |
| PCB 167   | ~43  |   |            |              |                                      |        |         |        |         |         |       |         |         |         |       |         |         |         |       |         |         |         |        |         |         |         |        |         |         |
| PCB 189   | ~5.3   |   |            |              |                                      |        |         |        |         |         |       |         |         |         |       |         |         |         |       |         |         |         |        |         |         |         |        |         |         |
| <p>TEQ Isomer Pattern</p> <table border="1"> <caption>Approximate data for TEQ Isomer Pattern (pg WHO-PCB-TEQ/g fat)</caption> <thead> <tr> <th>PCB Congener</th> <th>Concentration (pg WHO-PCB-TEQ/g fat)</th> </tr> </thead> <tbody> <tr><td>PCB 77</td><td>~0.0015</td></tr> <tr><td>PCB 81</td><td>~0.0006</td></tr> <tr><td>PCB 126</td><td>~0.25</td></tr> <tr><td>PCB 169</td><td>~0.0002</td></tr> <tr><td>PCB 105</td><td>~0.11</td></tr> <tr><td>PCB 114</td><td>~0.0082</td></tr> <tr><td>PCB 118</td><td>~0.60</td></tr> <tr><td>PCB 123</td><td>&lt; 0.004</td></tr> <tr><td>PCB 156</td><td>~0.096</td></tr> <tr><td>PCB 157</td><td>~0.0096</td></tr> <tr><td>PCB 167</td><td>~0.043</td></tr> <tr><td>PCB 189</td><td>~0.0053</td></tr> </tbody> </table> |  |   |            | PCB Congener | Concentration (pg WHO-PCB-TEQ/g fat) | PCB 77 | ~0.0015 | PCB 81 | ~0.0006 | PCB 126 | ~0.25 | PCB 169 | ~0.0002 | PCB 105 | ~0.11 | PCB 114 | ~0.0082 | PCB 118 | ~0.60 | PCB 123 | < 0.004 | PCB 156 | ~0.096 | PCB 157 | ~0.0096 | PCB 167 | ~0.043 | PCB 189 | ~0.0053 |
| PCB Congener  | Concentration (pg WHO-PCB-TEQ/g fat)   |   |            |              |                                      |        |         |        |         |         |       |         |         |         |       |         |         |         |       |         |         |         |        |         |         |         |        |         |         |
| PCB 77  | ~0.0015  |   |            |              |                                      |        |         |        |         |         |       |         |         |         |       |         |         |         |       |         |         |         |        |         |         |         |        |         |         |
| PCB 81  | ~0.0006  |   |            |              |                                      |        |         |        |         |         |       |         |         |         |       |         |         |         |       |         |         |         |        |         |         |         |        |         |         |
| PCB 126   | ~0.25  |   |            |              |                                      |        |         |        |         |         |       |         |         |         |       |         |         |         |       |         |         |         |        |         |         |         |        |         |         |
| PCB 169   | ~0.0002  |   |            |              |                                      |        |         |        |         |         |       |         |         |         |       |         |         |         |       |         |         |         |        |         |         |         |        |         |         |
| PCB 105   | ~0.11  |   |            |              |                                      |        |         |        |         |         |       |         |         |         |       |         |         |         |       |         |         |         |        |         |         |         |        |         |         |
| PCB 114   | ~0.0082  |   |            |              |                                      |        |         |        |         |         |       |         |         |         |       |         |         |         |       |         |         |         |        |         |         |         |        |         |         |
| PCB 118   | ~0.60  |   |            |              |                                      |        |         |        |         |         |       |         |         |         |       |         |         |         |       |         |         |         |        |         |         |         |        |         |         |
| PCB 123   | < 0.004  |   |            |              |                                      |        |         |        |         |         |       |         |         |         |       |         |         |         |       |         |         |         |        |         |         |         |        |         |         |
| PCB 156   | ~0.096   |   |            |              |                                      |        |         |        |         |         |       |         |         |         |       |         |         |         |       |         |         |         |        |         |         |         |        |         |         |
| PCB 157   | ~0.0096  |   |            |              |                                      |        |         |        |         |         |       |         |         |         |       |         |         |         |       |         |         |         |        |         |         |         |        |         |         |
| PCB 167   | ~0.043   |   |            |              |                                      |        |         |        |         |         |       |         |         |         |       |         |         |         |       |         |         |         |        |         |         |         |        |         |         |
| PCB 189   | ~0.0053  |   |            |              |                                      |        |         |        |         |         |       |         |         |         |       |         |         |         |       |         |         |         |        |         |         |         |        |         |         |

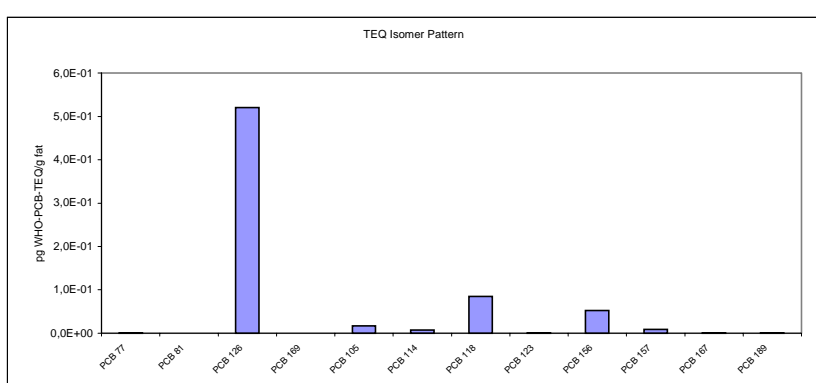
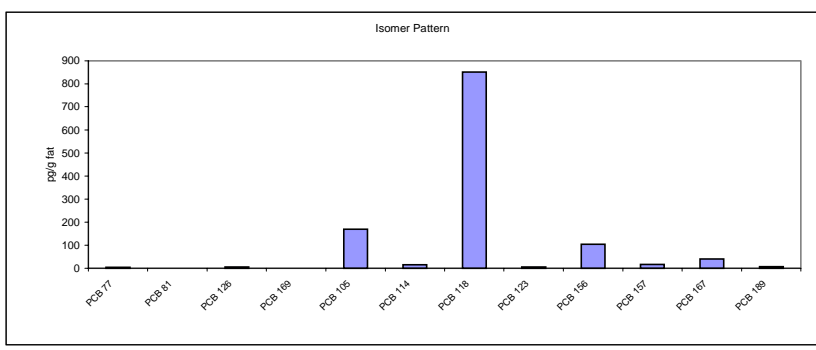
|                   |          |                |            |
|-------------------|----------|----------------|------------|
| <b>Sample ID:</b> | 411/01-7 | <b>Matrix:</b> | 007 butter |
|                   |          | <b>Region:</b> | BENE       |

**Mixed Sample Composition**

no. individ. samples: 14  
 individual sample ID: 007-B-B-1 to 007-B-B-6  
 007-B-N-1 to 007-B-N-8  
 fat content (%): 98,3

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  |          | 4,3   |
| PCB 81  | <        | 0,2   |
| PCB 126 |          | 5,2   |
| PCB 169 | <        | 0,2   |
| PCB 105 |          | 170   |
| PCB 114 |          | 14  |
| PCB 118 |          | 850   |
| PCB 123 |          | 5,9   |
| PCB 156 |          | 100   |
| PCB 157 |          | 17  |
| PCB 167 |          | 40  |
| PCB 189 |          | 7,2   |

|  |             |
|--|-------------|
| <b>WHO-PCB-TEQ (excluding LOQ)</b>     | <b>0,69</b> |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b> | <b>0,69</b> |
| <b>WHO-PCB-TEQ (including LOQ)</b>     | <b>0,69</b> |



|                   |          |                |            |
|-------------------|----------|----------------|------------|
| <b>Sample ID:</b> | 412/01-7 | <b>Matrix:</b> | 007 butter |
|                   |          | <b>Region:</b> | SCAN       |

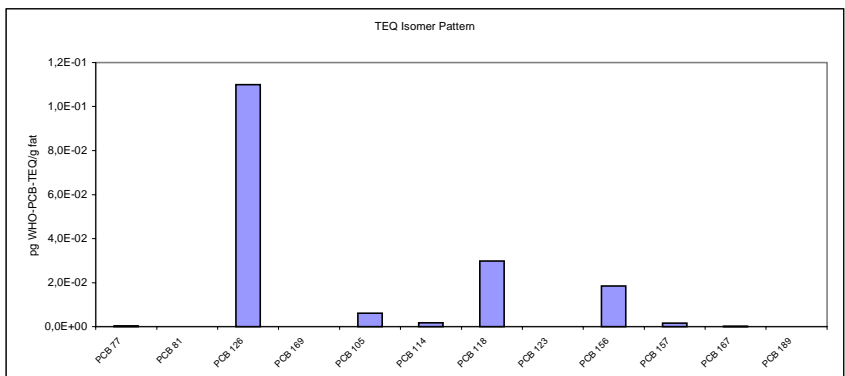
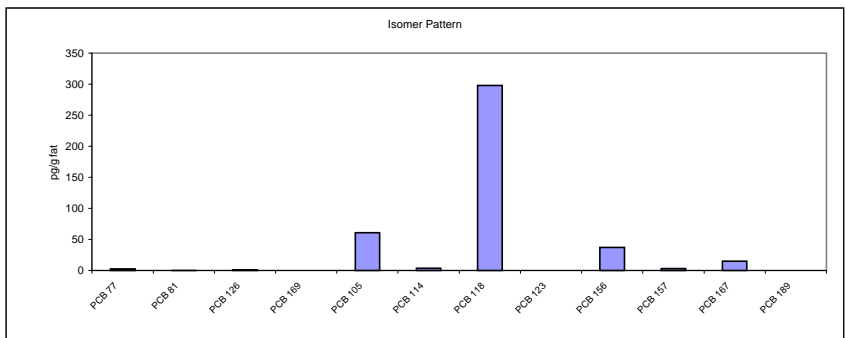
**Mixed Sample Composition**

no. individ. samples: 9  
 individual sample ID: 007-S-D-1 to 007-S-D-3  
 007-S-F-1 to 007-S-F-3  
 007-S-S-1 to 007-S-S-3

fat content (%): 98,8

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 2,5      | 93  |
| PCB 81  | 0,2      |   |
| PCB 126 | 1,1      | 102   |
| PCB 169 | <        | 84  |
| PCB 105 | 61       | 95  |
| PCB 114 | 3,4      |   |
| PCB 118 | 300      | 96  |
| PCB 123 | <        | 4,0   |
| PCB 156 | 37       | 92  |
| PCB 157 | 3,1      |   |
| PCB 167 | 15       | 113   |
| PCB 189 | <        | 4,0   |
|         |          | 0   |

**WHO-PCB-TEQ** **0,17**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,17**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,17**  
 (including LOQ)



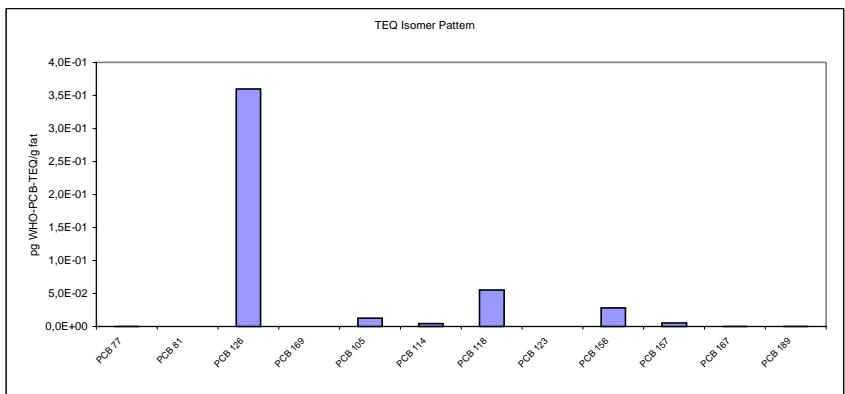
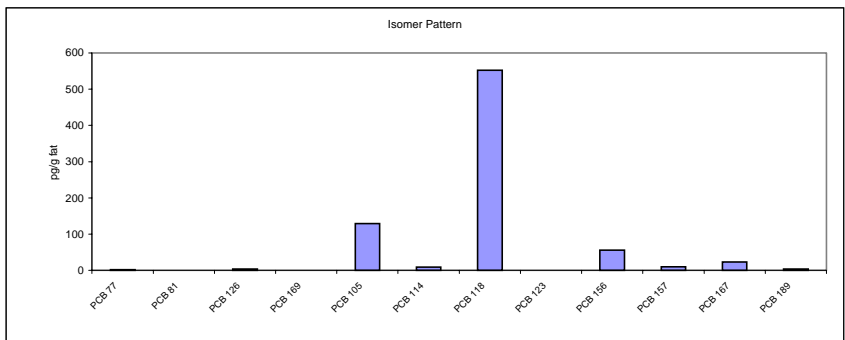
|                   |          |                |            |
|-------------------|----------|----------------|------------|
| <b>Sample ID:</b> | 413/01-7 | <b>Matrix:</b> | 007 butter |
|                   |          | <b>Region:</b> | FRANCE     |

**Mixed Sample Composition**

no. individ. samples: 25  
 individual sample ID: 007-F-N-1 to 007-F-N-17  
 007-F-S-1 to 007-F-S-8  
 fat content (%): 98,1

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  |          | 93  |
| PCB 81  | <        | 0,2   |
| PCB 126 |          | 116   |
| PCB 169 | <        | 0,0   |
| PCB 105 |          | 130   |
| PCB 114 |          | 9,2   |
| PCB 118 |          | 550   |
| PCB 123 | <        | 4,0   |
| PCB 156 |          | 56  |
| PCB 157 |          | 11  |
| PCB 167 |          | 23  |
| PCB 189 |          | 3,4   |

**WHO-PCB-TEQ** **0,47**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,47**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,47**  
 (including LOQ)



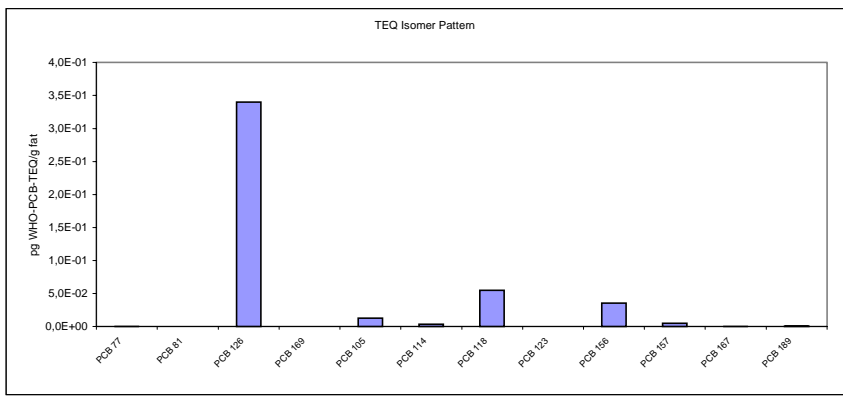
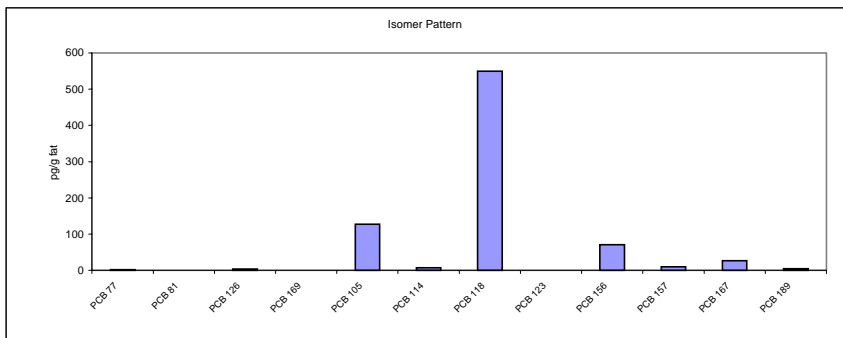
|                   |          |                |            |
|-------------------|----------|----------------|------------|
| <b>Sample ID:</b> | 414/01-7 | <b>Matrix:</b> | 007 butter |
|                   |          | <b>Region:</b> | POSP       |

**Mixed Sample Composition**

no. individ. samples: 2  
 individual sample ID: 007-P-P-1  
 007-P-N-1  
 fat content (%): 92,38

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  |          | 76  |
| PCB 81  | <        | 0,2   |
| PCB 126 |          | 95  |
| PCB 169 | <        | 0,2   |
| PCB 105 |          | 85  |
| PCB 114 |          | 7,6   |
| PCB 118 |          | 550   |
| PCB 123 | <        | 4,0   |
| PCB 156 |          | 71  |
| PCB 157 |          | 9,9   |
| PCB 167 |          | 27  |
| PCB 189 |          | 4,4   |

**WHO-PCB-TEQ** **0,45**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,45**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,46**  
 (including LOQ)



|                   |          |                |            |
|-------------------|----------|----------------|------------|
| <b>Sample ID:</b> | 415/01-7 | <b>Matrix:</b> | 007 butter |
|                   |          | <b>Region:</b> | GRIT       |

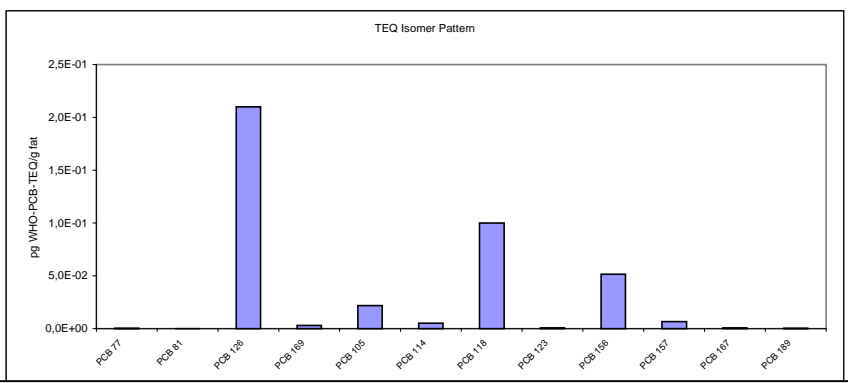
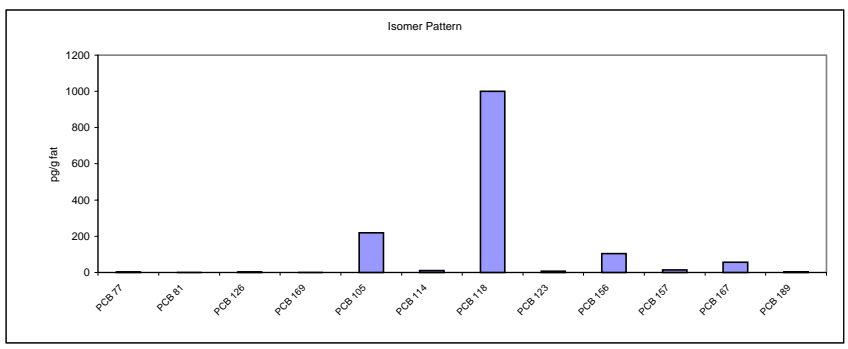
**Mixed Sample Composition**

no. individ. samples: 6  
 individual sample ID: 007-G-G-1  
 007-G-N-1 to 007-G-N-4  
 007-G-S-1

fat content (%): 99,07

| Results | pg/g fat | Recovery rate <sup>13</sup> C <sub>12</sub> standard |
|---------|----------|--|
| PCB 77  | 1,8      | 93   |
| PCB 81  | 0,7      |  |
| PCB 126 | 2,1      | 117  |
| PCB 169 | 0,3      | 99   |
| PCB 105 | 220      | 91   |
| PCB 114 | 10       |  |
| PCB 118 | 1000     | 96   |
| PCB 123 | 6,7      |  |
| PCB 156 | 100      | 92   |
| PCB 157 | 13       |  |
| PCB 167 | 56       | 89   |
| PCB 189 | 3,9      | 94   |

|  |             |
|--|-------------|
| <b>WHO-PCB-TEQ (excluding LOQ)</b>     | <b>0,40</b> |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b> | <b>0,40</b> |
| <b>WHO-PCB-TEQ (including LOQ)</b>     | <b>0,40</b> |



|                   |          |                |            |
|-------------------|----------|----------------|------------|
| <b>Sample ID:</b> | 416/01-7 | <b>Matrix:</b> | 007 butter |
|                   |          | <b>Region:</b> | IRUK       |

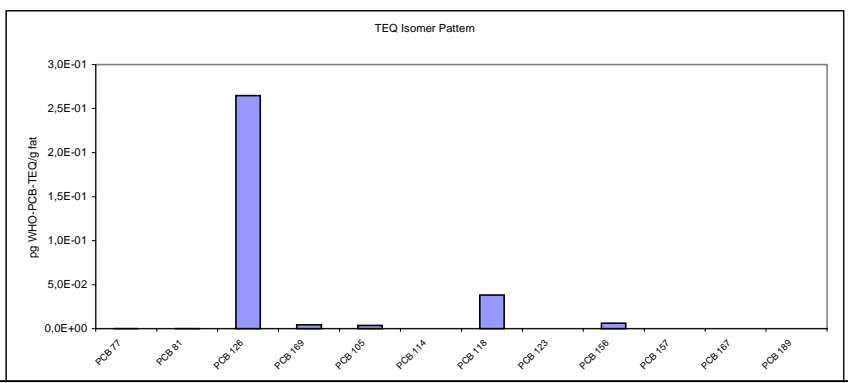
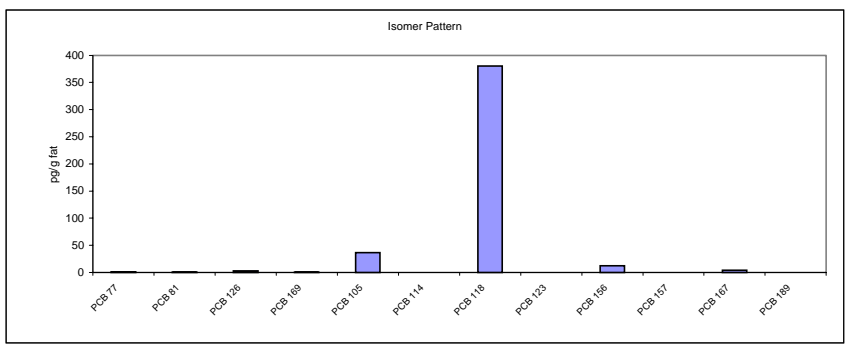
**Mixed Sample Composition**

no. individ. samples: 13  
 individual sample ID: 007-I-I-1 to 007-I-I-2; 007-I-I-6 to-I-I-8  
 007-I-N-1 to 007-I-N-2  
 007-I-I-1 to 007-I-I-2; 007-I-I-6 to-I-I-8

fat content (%): 98,8

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 1,1      | 75  |
| PCB 81  | 0,6      |   |
| PCB 126 | 2,6      | 64  |
| PCB 169 | 0,4      | 115   |
| PCB 105 | 37       | 95  |
| PCB 114 | <        | 3,0   |
| PCB 118 |          | 380   |
| PCB 123 | <        | 4,0   |
| PCB 156 |          | 13  |
| PCB 157 | <        | 3,0   |
| PCB 167 |          | 4,3   |
| PCB 189 | <        | 3,0   |
|         |          | 104   |

**WHO-PCB-TEQ** **0,32**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,32**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,32**  
 (including LOQ)



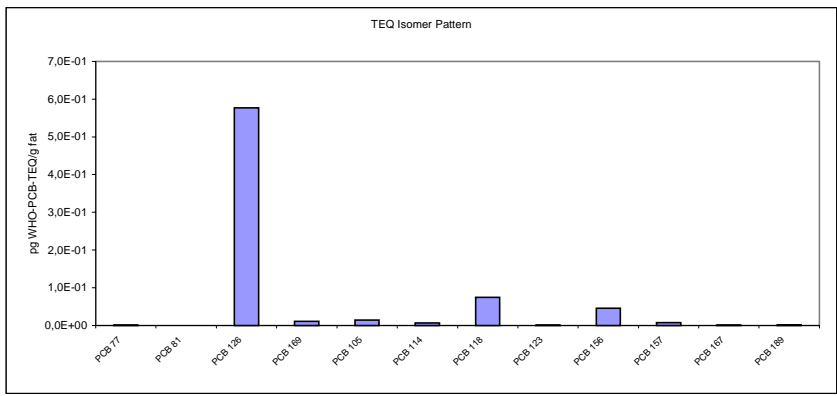
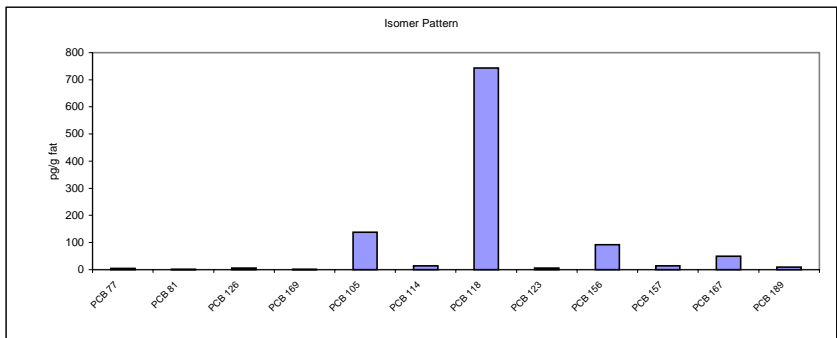
|                   |          |                |            |
|-------------------|----------|----------------|------------|
| <b>Sample ID:</b> | 417/01-3 | <b>Matrix:</b> | 007 butter |
|                   |          | <b>Region:</b> | IMPORT     |

**Mixed Sample Composition**

no. individ. samples: 5  
 individual sample ID: 007-I-MEC-1  
 007-I-OTH-1 to 007-I-OTH-4  
 fat content (%): 98,35

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 3,8      | 91  |
| PCB 81  | 0,8      |   |
| PCB 126 | 5,8      | 112   |
| PCB 169 | 1,1      | 113   |
| PCB 105 | 140      | 100   |
| PCB 114 | 13       |   |
| PCB 118 | 740      | 94  |
| PCB 123 | 5,7      |   |
| PCB 156 | 91       | 96  |
| PCB 157 | 14       |   |
| PCB 167 | 49       | 84  |
| PCB 189 | 9,1      | 94  |

**WHO-PCB-TEQ** **0,74**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,74**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,74**  
 (including LOQ)



## 9.5.8 Cream

| Sample ID:  | 410/01-8 B   | Matrix:   | 008 cream |              |                                      |        |         |        |         |         |         |         |         |         |         |         |         |         |          |         |        |         |         |         |        |         |        |         |         |
|---|--|---|-----------|--------------|--------------------------------------|--------|---------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|---------|--------|---------|---------|---------|--------|---------|--------|---------|---------|
|   |  | Region:   | AUGE      |              |                                      |        |         |        |         |         |         |         |         |         |         |         |         |         |          |         |        |         |         |         |        |         |        |         |         |
| <b>Mixed Sample Composition</b>   |  |   |           |              |                                      |        |         |        |         |         |         |         |         |         |         |         |         |         |          |         |        |         |         |         |        |         |        |         |         |
| no. individ. samples:   | 25   |   |           |              |                                      |        |         |        |         |         |         |         |         |         |         |         |         |         |          |         |        |         |         |         |        |         |        |         |         |
| individual sample ID:   | 008-A-A-1 to 008-A-A-2<br>008-A-N-1 to 008-A-N-13<br>008-A-S-1 to 008-A-S-10 |   |           |              |                                      |        |         |        |         |         |         |         |         |         |         |         |         |         |          |         |        |         |         |         |        |         |        |         |         |
| fat content (%):  | 31,15  |   |           |              |                                      |        |         |        |         |         |         |         |         |         |         |         |         |         |          |         |        |         |         |         |        |         |        |         |         |
| <b>Results</b>  | <b>pg/g fat</b>  | <b>Recovery rate<br/><sup>13</sup>C<sub>12</sub> standard</b> |           |              |                                      |        |         |        |         |         |         |         |         |         |         |         |         |         |          |         |        |         |         |         |        |         |        |         |         |
| PCB 77  | 5,0  | 94  |           |              |                                      |        |         |        |         |         |         |         |         |         |         |         |         |         |          |         |        |         |         |         |        |         |        |         |         |
| PCB 81  | 2,0  |   |           |              |                                      |        |         |        |         |         |         |         |         |         |         |         |         |         |          |         |        |         |         |         |        |         |        |         |         |
| PCB 126   | 5,5  | 106   |           |              |                                      |        |         |        |         |         |         |         |         |         |         |         |         |         |          |         |        |         |         |         |        |         |        |         |         |
| PCB 169   | 0,6  | 103   |           |              |                                      |        |         |        |         |         |         |         |         |         |         |         |         |         |          |         |        |         |         |         |        |         |        |         |         |
| PCB 105   | 150  | 103   |           |              |                                      |        |         |        |         |         |         |         |         |         |         |         |         |         |          |         |        |         |         |         |        |         |        |         |         |
| PCB 114   | 4,8  |   |           |              |                                      |        |         |        |         |         |         |         |         |         |         |         |         |         |          |         |        |         |         |         |        |         |        |         |         |
| PCB 118   | 1100   | 94  |           |              |                                      |        |         |        |         |         |         |         |         |         |         |         |         |         |          |         |        |         |         |         |        |         |        |         |         |
| PCB 123   | 11   |   |           |              |                                      |        |         |        |         |         |         |         |         |         |         |         |         |         |          |         |        |         |         |         |        |         |        |         |         |
| PCB 156   | 150  | 96  |           |              |                                      |        |         |        |         |         |         |         |         |         |         |         |         |         |          |         |        |         |         |         |        |         |        |         |         |
| PCB 157   | 10   |   |           |              |                                      |        |         |        |         |         |         |         |         |         |         |         |         |         |          |         |        |         |         |         |        |         |        |         |         |
| PCB 167   | 46   | 105   |           |              |                                      |        |         |        |         |         |         |         |         |         |         |         |         |         |          |         |        |         |         |         |        |         |        |         |         |
| PCB 189   | 4,8  | 111   |           |              |                                      |        |         |        |         |         |         |         |         |         |         |         |         |         |          |         |        |         |         |         |        |         |        |         |         |
| <b>WHO-PCB-TEQ<br/>(excluding LOQ)</b>  | <b>0,76</b>  |   |           |              |                                      |        |         |        |         |         |         |         |         |         |         |         |         |         |          |         |        |         |         |         |        |         |        |         |         |
| <b>WHO-PCB-TEQ<br/>(including 1/2 LOQ)</b>  | <b>0,76</b>  |   |           |              |                                      |        |         |        |         |         |         |         |         |         |         |         |         |         |          |         |        |         |         |         |        |         |        |         |         |
| <b>WHO-PCB-TEQ<br/>(including LOQ)</b>  | <b>0,76</b>  |   |           |              |                                      |        |         |        |         |         |         |         |         |         |         |         |         |         |          |         |        |         |         |         |        |         |        |         |         |
| <p>Isomer Pattern</p> <table border="1"> <caption>Isomer Pattern Data (pg/g fat)</caption> <thead> <tr><th>PCB Congener</th><th>Concentration (pg/g fat)</th></tr> </thead> <tbody> <tr><td>PCB 77</td><td>5,0</td></tr> <tr><td>PCB 81</td><td>2,0</td></tr> <tr><td>PCB 126</td><td>5,5</td></tr> <tr><td>PCB 169</td><td>0,6</td></tr> <tr><td>PCB 105</td><td>150</td></tr> <tr><td>PCB 114</td><td>4,8</td></tr> <tr><td>PCB 118</td><td>1100</td></tr> <tr><td>PCB 123</td><td>11</td></tr> <tr><td>PCB 156</td><td>150</td></tr> <tr><td>PCB 157</td><td>10</td></tr> <tr><td>PCB 167</td><td>46</td></tr> <tr><td>PCB 189</td><td>4,8</td></tr> </tbody> </table>   |  |   |           | PCB Congener | Concentration (pg/g fat)             | PCB 77 | 5,0     | PCB 81 | 2,0     | PCB 126 | 5,5     | PCB 169 | 0,6     | PCB 105 | 150     | PCB 114 | 4,8     | PCB 118 | 1100     | PCB 123 | 11     | PCB 156 | 150     | PCB 157 | 10     | PCB 167 | 46     | PCB 189 | 4,8     |
| PCB Congener  | Concentration (pg/g fat)   |   |           |              |                                      |        |         |        |         |         |         |         |         |         |         |         |         |         |          |         |        |         |         |         |        |         |        |         |         |
| PCB 77  | 5,0  |   |           |              |                                      |        |         |        |         |         |         |         |         |         |         |         |         |         |          |         |        |         |         |         |        |         |        |         |         |
| PCB 81  | 2,0  |   |           |              |                                      |        |         |        |         |         |         |         |         |         |         |         |         |         |          |         |        |         |         |         |        |         |        |         |         |
| PCB 126   | 5,5  |   |           |              |                                      |        |         |        |         |         |         |         |         |         |         |         |         |         |          |         |        |         |         |         |        |         |        |         |         |
| PCB 169   | 0,6  |   |           |              |                                      |        |         |        |         |         |         |         |         |         |         |         |         |         |          |         |        |         |         |         |        |         |        |         |         |
| PCB 105   | 150  |   |           |              |                                      |        |         |        |         |         |         |         |         |         |         |         |         |         |          |         |        |         |         |         |        |         |        |         |         |
| PCB 114   | 4,8  |   |           |              |                                      |        |         |        |         |         |         |         |         |         |         |         |         |         |          |         |        |         |         |         |        |         |        |         |         |
| PCB 118   | 1100   |   |           |              |                                      |        |         |        |         |         |         |         |         |         |         |         |         |         |          |         |        |         |         |         |        |         |        |         |         |
| PCB 123   | 11   |   |           |              |                                      |        |         |        |         |         |         |         |         |         |         |         |         |         |          |         |        |         |         |         |        |         |        |         |         |
| PCB 156   | 150  |   |           |              |                                      |        |         |        |         |         |         |         |         |         |         |         |         |         |          |         |        |         |         |         |        |         |        |         |         |
| PCB 157   | 10   |   |           |              |                                      |        |         |        |         |         |         |         |         |         |         |         |         |         |          |         |        |         |         |         |        |         |        |         |         |
| PCB 167   | 46   |   |           |              |                                      |        |         |        |         |         |         |         |         |         |         |         |         |         |          |         |        |         |         |         |        |         |        |         |         |
| PCB 189   | 4,8  |   |           |              |                                      |        |         |        |         |         |         |         |         |         |         |         |         |         |          |         |        |         |         |         |        |         |        |         |         |
| <p>TEQ Isomer Pattern</p> <table border="1"> <caption>TEQ Isomer Pattern Data (pg WHO-PCB-TEQ/g fat)</caption> <thead> <tr><th>PCB Congener</th><th>Concentration (pg WHO-PCB-TEQ/g fat)</th></tr> </thead> <tbody> <tr><td>PCB 77</td><td>5,0E-02</td></tr> <tr><td>PCB 81</td><td>2,0E-02</td></tr> <tr><td>PCB 126</td><td>5,5E-01</td></tr> <tr><td>PCB 169</td><td>0,6E-01</td></tr> <tr><td>PCB 105</td><td>150E-01</td></tr> <tr><td>PCB 114</td><td>4,8E-01</td></tr> <tr><td>PCB 118</td><td>1100E-01</td></tr> <tr><td>PCB 123</td><td>11E-01</td></tr> <tr><td>PCB 156</td><td>150E-01</td></tr> <tr><td>PCB 157</td><td>10E-01</td></tr> <tr><td>PCB 167</td><td>46E-01</td></tr> <tr><td>PCB 189</td><td>4,8E-01</td></tr> </tbody> </table> |  |   |           | PCB Congener | Concentration (pg WHO-PCB-TEQ/g fat) | PCB 77 | 5,0E-02 | PCB 81 | 2,0E-02 | PCB 126 | 5,5E-01 | PCB 169 | 0,6E-01 | PCB 105 | 150E-01 | PCB 114 | 4,8E-01 | PCB 118 | 1100E-01 | PCB 123 | 11E-01 | PCB 156 | 150E-01 | PCB 157 | 10E-01 | PCB 167 | 46E-01 | PCB 189 | 4,8E-01 |
| PCB Congener  | Concentration (pg WHO-PCB-TEQ/g fat)   |   |           |              |                                      |        |         |        |         |         |         |         |         |         |         |         |         |         |          |         |        |         |         |         |        |         |        |         |         |
| PCB 77  | 5,0E-02  |   |           |              |                                      |        |         |        |         |         |         |         |         |         |         |         |         |         |          |         |        |         |         |         |        |         |        |         |         |
| PCB 81  | 2,0E-02  |   |           |              |                                      |        |         |        |         |         |         |         |         |         |         |         |         |         |          |         |        |         |         |         |        |         |        |         |         |
| PCB 126   | 5,5E-01  |   |           |              |                                      |        |         |        |         |         |         |         |         |         |         |         |         |         |          |         |        |         |         |         |        |         |        |         |         |
| PCB 169   | 0,6E-01  |   |           |              |                                      |        |         |        |         |         |         |         |         |         |         |         |         |         |          |         |        |         |         |         |        |         |        |         |         |
| PCB 105   | 150E-01  |   |           |              |                                      |        |         |        |         |         |         |         |         |         |         |         |         |         |          |         |        |         |         |         |        |         |        |         |         |
| PCB 114   | 4,8E-01  |   |           |              |                                      |        |         |        |         |         |         |         |         |         |         |         |         |         |          |         |        |         |         |         |        |         |        |         |         |
| PCB 118   | 1100E-01   |   |           |              |                                      |        |         |        |         |         |         |         |         |         |         |         |         |         |          |         |        |         |         |         |        |         |        |         |         |
| PCB 123   | 11E-01   |   |           |              |                                      |        |         |        |         |         |         |         |         |         |         |         |         |         |          |         |        |         |         |         |        |         |        |         |         |
| PCB 156   | 150E-01  |   |           |              |                                      |        |         |        |         |         |         |         |         |         |         |         |         |         |          |         |        |         |         |         |        |         |        |         |         |
| PCB 157   | 10E-01   |   |           |              |                                      |        |         |        |         |         |         |         |         |         |         |         |         |         |          |         |        |         |         |         |        |         |        |         |         |
| PCB 167   | 46E-01   |   |           |              |                                      |        |         |        |         |         |         |         |         |         |         |         |         |         |          |         |        |         |         |         |        |         |        |         |         |
| PCB 189   | 4,8E-01  |   |           |              |                                      |        |         |        |         |         |         |         |         |         |         |         |         |         |          |         |        |         |         |         |        |         |        |         |         |

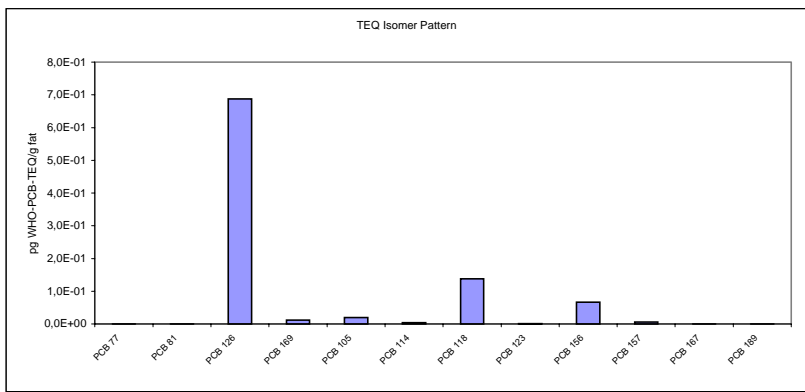
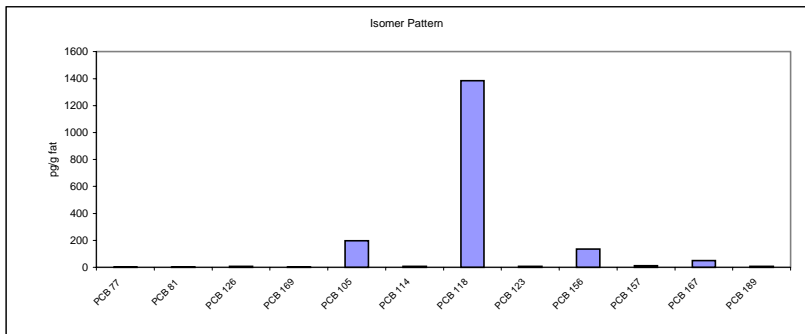
|                   |          |                |           |
|-------------------|----------|----------------|-----------|
| <b>Sample ID:</b> | 411/01-8 | <b>Matrix:</b> | 008 cream |
|                   |          | <b>Region:</b> | BENE      |

**Mixed Sample Composition**

no. individ. samples: 12  
 individual sample ID: 008-B-B-1 to 008-B-B-3  
 008-B-N-1 to 008-B-N-9  
 fat content (%): 32,03

| Results | pg/g fat | Recovery <sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 3,0      | 93  |
| PCB 81  | 2,1      |   |
| PCB 126 | 6,9      | 100   |
| PCB 169 | 1,2      | 100   |
| PCB 105 | 200      | 101   |
| PCB 114 | 7,7      |   |
| PCB 118 | 1400     | 91  |
| PCB 123 | 7,6      |   |
| PCB 156 | 130      | 91  |
| PCB 157 | 12       |   |
| PCB 167 | 50       | 99  |
| PCB 189 | 5,7      | 104   |

**WHO-PCB-TEQ** **0,94**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,94**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,94**  
 (including LOQ)



|                   |          |                |           |
|-------------------|----------|----------------|-----------|
| <b>Sample ID:</b> | 412/01-8 | <b>Matrix:</b> | 008 cream |
|                   |          | <b>Region:</b> | SCAN      |

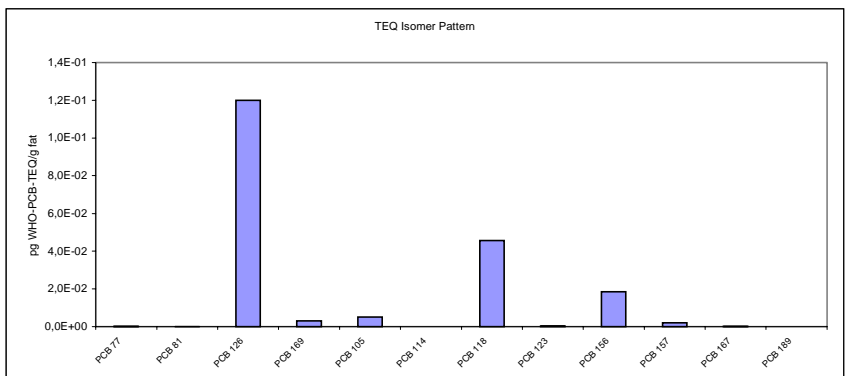
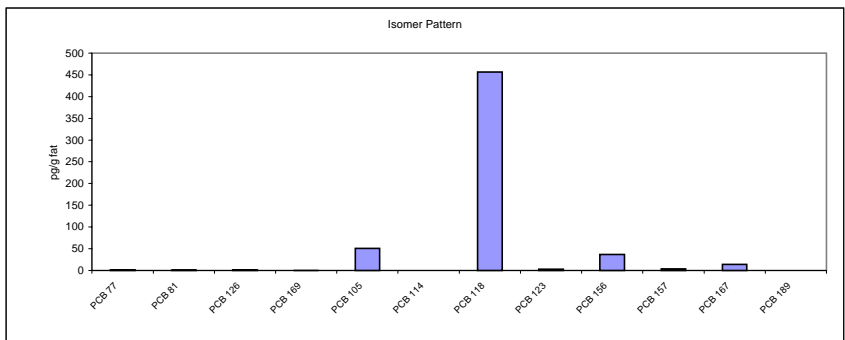
**Mixed Sample Composition**

no. individ. samples: 9  
 individual sample ID: 008-S-D-1 to 008-S-D-4  
 008-S-F-1 to 008-S-F-2  
 008-S-S-1 to 008-S-S-3

fat content (%): 44,3

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 1,8      | 92  |
| PCB 81  | 0,7      |   |
| PCB 126 | 1,3      | 100   |
| PCB 169 | 0,3      | 90  |
| PCB 105 | 53       | 100   |
| PCB 114 | <        | 3,0   |
| PCB 118 | 480      | 89  |
| PCB 123 | 3,3      |   |
| PCB 156 | 39       | 92  |
| PCB 157 | 4,2      |   |
| PCB 167 | 15       | 99  |
| PCB 189 | <        | 3,0   |

**WHO-PCB-TEQ** **0,20**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,20**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,20**  
 (including LOQ)



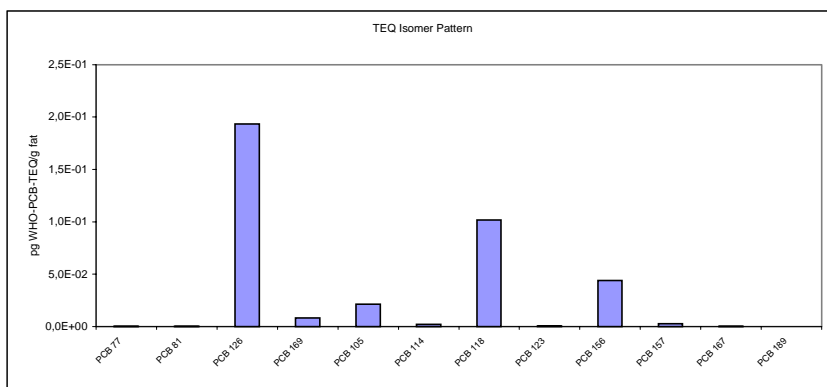
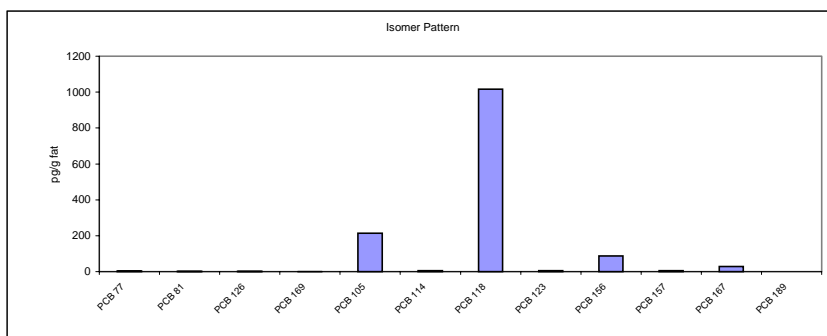
|                   |          |                |           |
|-------------------|----------|----------------|-----------|
| <b>Sample ID:</b> | 413/01-8 | <b>Matrix:</b> | 008 cream |
|                   |          | <b>Region:</b> | FRANCE    |

**Mixed Sample Composition**

no. individ. samples: 20  
 individual sample ID: 008-F-N-1 to 008-F-N-14  
 008-F-S-1 to 008-F-S-6  
 fat content (%): 24,8

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 3,0      | 117   |
| PCB 81  | 2,3      |   |
| PCB 126 | 1,9      | 103   |
| PCB 169 | 0,8      | 103   |
| PCB 105 | 210      | 114   |
| PCB 114 | 4,6      |   |
| PCB 118 | 1000     | 103   |
| PCB 123 | 6,2      |   |
| PCB 156 | 88       | 104   |
| PCB 157 | 5,5      |   |
| PCB 167 | 29       | 109   |
| PCB 189 | <        | 3,0   |

**WHO-PCB-TEQ** **0,37**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,38**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,38**  
 (including LOQ)



|                   |          |                |           |
|-------------------|----------|----------------|-----------|
| <b>Sample ID:</b> | 414/01-8 | <b>Matrix:</b> | 008 cream |
|                   |          | <b>Region:</b> | POSP      |

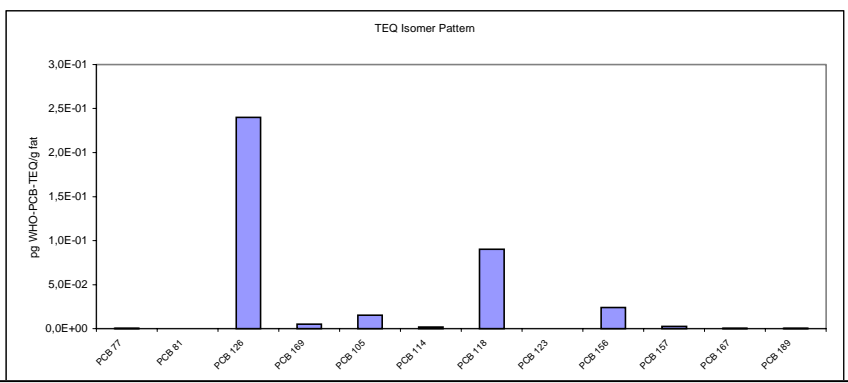
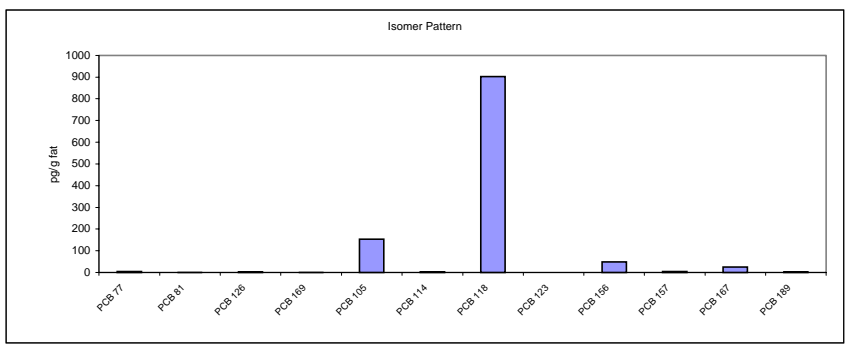
**Mixed Sample Composition**

no. individ. samples: 5  
 individual sample ID: 008-P-P-1  
 008-P-N-1 to 008-P-N-3  
 008-P-S-1

fat content (%): 36,8

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 4,5      | 89  |
| PCB 81  | 0,3      |   |
| PCB 126 | 2,4      | 103   |
| PCB 169 | 0,5      | 103   |
| PCB 105 | 150      | 100   |
| PCB 114 | 3,6      |   |
| PCB 118 | 900      | 99  |
| PCB 123 | < 3,0    |   |
| PCB 156 | 48       | 94  |
| PCB 157 | 4,9      |   |
| PCB 167 | 25       | 113   |
| PCB 189 | 3,3      | 79  |

**WHO-PCB-TEQ** **0,38**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,38**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,38**  
 (including LOQ)



|                   |          |                |           |
|-------------------|----------|----------------|-----------|
| <b>Sample ID:</b> | 415/01-8 | <b>Matrix:</b> | 008 cream |
|                   |          | <b>Region:</b> | GRIT      |

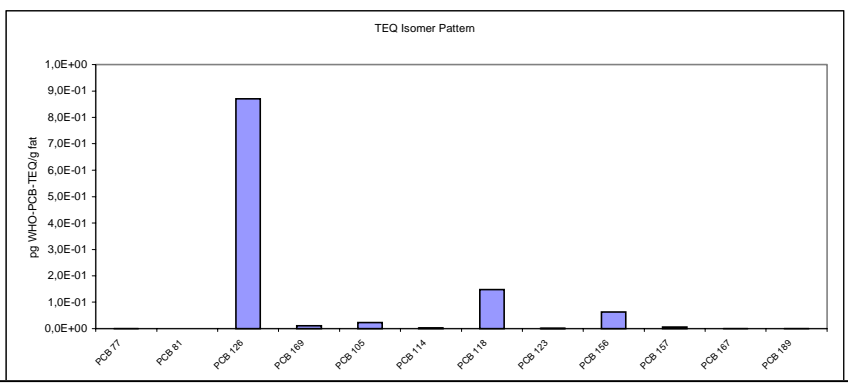
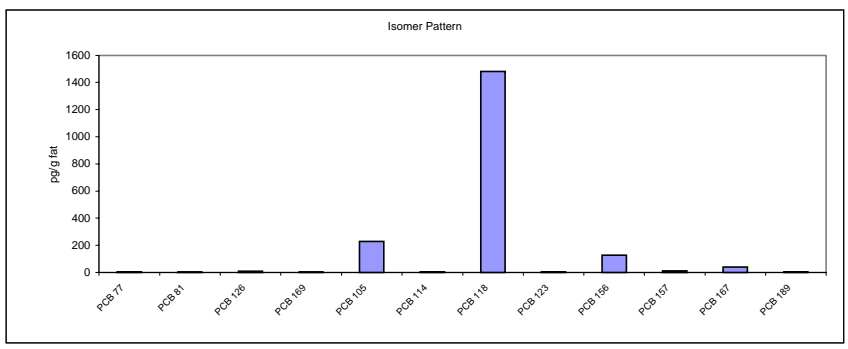
**Mixed Sample Composition**

no. individ. samples: 10  
 individual sample ID: 008-G-G-1  
 008-G-N-1 to 008-G-N-7  
 008-G-S-1 to 008-G-S-2

fat content (%): 36,8

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 3,4      | 96  |
| PCB 81  | 1,3      |   |
| PCB 126 | 8,7      | 104   |
| PCB 169 | 1,1      | 102   |
| PCB 105 | 230      | 102   |
| PCB 114 | 5,6      |   |
| PCB 118 | 1500     | 91  |
| PCB 123 | 5,7      |   |
| PCB 156 | 130      | 99  |
| PCB 157 | 12       |   |
| PCB 167 | 40       | 97  |
| PCB 189 | 4,5      | 109   |

**WHO-PCB-TEQ** **1,13**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **1,13**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **1,13**  
 (including LOQ)



|                   |          |                |           |
|-------------------|----------|----------------|-----------|
| <b>Sample ID:</b> | 416/01-8 | <b>Matrix:</b> | 008 cream |
|                   |          | <b>Region:</b> | IRUK      |

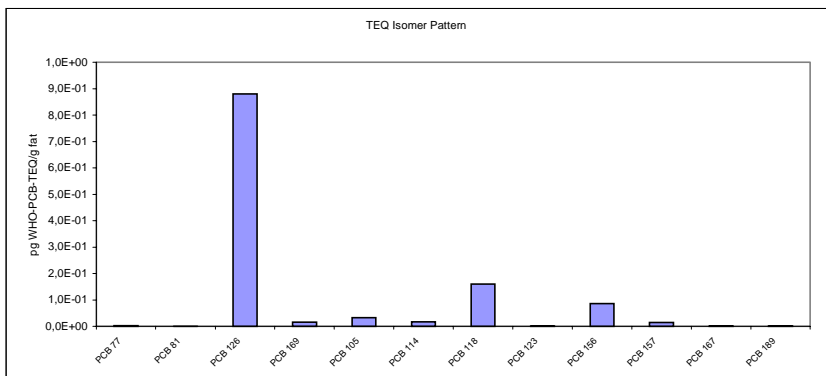
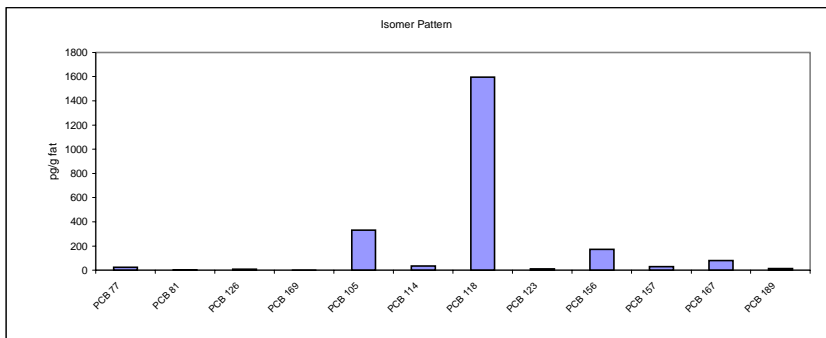
**Mixed Sample Composition**

no. individ. samples: 19  
 individual sample ID: 008-I-I-1 to 008-I-I-5  
 008-I-N-1 to 008-I-N-4  
 008-I-S-1 to 008-I-S-10

fat content (%): 60,1

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 24       | 80  |
| PCB 81  | 2,1      |   |
| PCB 126 | 8,8      | 106   |
| PCB 169 | 1,6      | 107   |
| PCB 105 | 330      | 91  |
| PCB 114 | 35       |   |
| PCB 118 | 1600     | 86  |
| PCB 123 | 11       |   |
| PCB 156 | 170      | 88  |
| PCB 157 | 28       |   |
| PCB 167 | 80       | 78  |
| PCB 189 | 14       | 83  |

**WHO-PCB-TEQ** 1,21  
 (excluding LOQ)  
**WHO-PCB-TEQ** 1,21  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** 1,21  
 (including LOQ)



## 9.5.9 Cheese

| Sample ID:  | 410/01-9   | Matrix:   | 009 cheese |              |                                      |        |         |        |         |         |       |         |        |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
|---|--|---|------------|--------------|--------------------------------------|--------|---------|--------|---------|---------|-------|---------|--------|---------|-------|---------|--------|---------|-------|---------|--------|---------|-------|---------|--------|---------|--------|---------|--------|
|   |  | Region:   | AUGE       |              |                                      |        |         |        |         |         |       |         |        |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| <b>Mixed Sample Composition</b>   |  |   |            |              |                                      |        |         |        |         |         |       |         |        |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| no. individ. samples:   | 24   |   |            |              |                                      |        |         |        |         |         |       |         |        |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| individual sample ID:   | 009-A-A-1 to 009-A-A-2<br>009-A-N-1 to 009-A-N-13<br>009-A-S-1 to 009-A-S-4, A-S-6 to A-S-10 |   |            |              |                                      |        |         |        |         |         |       |         |        |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| fat content (%):  | 42,85  |   |            |              |                                      |        |         |        |         |         |       |         |        |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| <b>Results</b>  | <b>pg/g fat</b>  | <b>Recovery rate<br/><sup>13</sup>C<sub>12</sub> standard</b> |            |              |                                      |        |         |        |         |         |       |         |        |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 77  | 11   | 67  |            |              |                                      |        |         |        |         |         |       |         |        |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 81  | 1,0  |   |            |              |                                      |        |         |        |         |         |       |         |        |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 126   | 5,9  | 83  |            |              |                                      |        |         |        |         |         |       |         |        |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 169   | 1,3  | 87  |            |              |                                      |        |         |        |         |         |       |         |        |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 105   | 120  | 74  |            |              |                                      |        |         |        |         |         |       |         |        |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 114   | 14   |   |            |              |                                      |        |         |        |         |         |       |         |        |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 118   | 780  | 70  |            |              |                                      |        |         |        |         |         |       |         |        |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 123   | 6,7  |   |            |              |                                      |        |         |        |         |         |       |         |        |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 156   | 140  | 73  |            |              |                                      |        |         |        |         |         |       |         |        |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 157   | 16   |   |            |              |                                      |        |         |        |         |         |       |         |        |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 167   | 78   | 67  |            |              |                                      |        |         |        |         |         |       |         |        |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 189   | 13   | 79  |            |              |                                      |        |         |        |         |         |       |         |        |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| <b>WHO-PCB-TEQ<br/>(excluding LOQ)</b>  | <b>0,77</b>  |   |            |              |                                      |        |         |        |         |         |       |         |        |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| <b>WHO-PCB-TEQ<br/>(including 1/2 LOQ)</b>  | <b>0,77</b>  |   |            |              |                                      |        |         |        |         |         |       |         |        |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| <b>WHO-PCB-TEQ<br/>(including LOQ)</b>  | <b>0,77</b>  |   |            |              |                                      |        |         |        |         |         |       |         |        |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| <p>Isomer Pattern</p> <table border="1"> <caption>Data for Isomer Pattern Chart</caption> <thead> <tr> <th>PCB Congener</th> <th>Concentration (pg/g fat)</th> </tr> </thead> <tbody> <tr><td>PCB 77</td><td>11</td></tr> <tr><td>PCB 81</td><td>1,0</td></tr> <tr><td>PCB 126</td><td>5,9</td></tr> <tr><td>PCB 169</td><td>1,3</td></tr> <tr><td>PCB 105</td><td>120</td></tr> <tr><td>PCB 114</td><td>14</td></tr> <tr><td>PCB 118</td><td>780</td></tr> <tr><td>PCB 123</td><td>6,7</td></tr> <tr><td>PCB 156</td><td>140</td></tr> <tr><td>PCB 157</td><td>16</td></tr> <tr><td>PCB 167</td><td>78</td></tr> <tr><td>PCB 189</td><td>13</td></tr> </tbody> </table>  |  |   |            | PCB Congener | Concentration (pg/g fat)             | PCB 77 | 11      | PCB 81 | 1,0     | PCB 126 | 5,9   | PCB 169 | 1,3    | PCB 105 | 120   | PCB 114 | 14     | PCB 118 | 780   | PCB 123 | 6,7    | PCB 156 | 140   | PCB 157 | 16     | PCB 167 | 78     | PCB 189 | 13     |
| PCB Congener  | Concentration (pg/g fat)   |   |            |              |                                      |        |         |        |         |         |       |         |        |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 77  | 11   |   |            |              |                                      |        |         |        |         |         |       |         |        |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 81  | 1,0  |   |            |              |                                      |        |         |        |         |         |       |         |        |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 126   | 5,9  |   |            |              |                                      |        |         |        |         |         |       |         |        |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 169   | 1,3  |   |            |              |                                      |        |         |        |         |         |       |         |        |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 105   | 120  |   |            |              |                                      |        |         |        |         |         |       |         |        |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 114   | 14   |   |            |              |                                      |        |         |        |         |         |       |         |        |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 118   | 780  |   |            |              |                                      |        |         |        |         |         |       |         |        |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 123   | 6,7  |   |            |              |                                      |        |         |        |         |         |       |         |        |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 156   | 140  |   |            |              |                                      |        |         |        |         |         |       |         |        |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 157   | 16   |   |            |              |                                      |        |         |        |         |         |       |         |        |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 167   | 78   |   |            |              |                                      |        |         |        |         |         |       |         |        |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 189   | 13   |   |            |              |                                      |        |         |        |         |         |       |         |        |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| <p>TEQ Isomer Pattern</p> <table border="1"> <caption>Data for TEQ Isomer Pattern Chart</caption> <thead> <tr> <th>PCB Congener</th> <th>Concentration (pg WHO-PCB-TEQ/g fat)</th> </tr> </thead> <tbody> <tr><td>PCB 77</td><td>0,00011</td></tr> <tr><td>PCB 81</td><td>0,00001</td></tr> <tr><td>PCB 126</td><td>0,059</td></tr> <tr><td>PCB 169</td><td>0,0013</td></tr> <tr><td>PCB 105</td><td>0,012</td></tr> <tr><td>PCB 114</td><td>0,0014</td></tr> <tr><td>PCB 118</td><td>0,078</td></tr> <tr><td>PCB 123</td><td>0,0067</td></tr> <tr><td>PCB 156</td><td>0,014</td></tr> <tr><td>PCB 157</td><td>0,0016</td></tr> <tr><td>PCB 167</td><td>0,0078</td></tr> <tr><td>PCB 189</td><td>0,0013</td></tr> </tbody> </table> |  |   |            | PCB Congener | Concentration (pg WHO-PCB-TEQ/g fat) | PCB 77 | 0,00011 | PCB 81 | 0,00001 | PCB 126 | 0,059 | PCB 169 | 0,0013 | PCB 105 | 0,012 | PCB 114 | 0,0014 | PCB 118 | 0,078 | PCB 123 | 0,0067 | PCB 156 | 0,014 | PCB 157 | 0,0016 | PCB 167 | 0,0078 | PCB 189 | 0,0013 |
| PCB Congener  | Concentration (pg WHO-PCB-TEQ/g fat)   |   |            |              |                                      |        |         |        |         |         |       |         |        |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 77  | 0,00011  |   |            |              |                                      |        |         |        |         |         |       |         |        |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 81  | 0,00001  |   |            |              |                                      |        |         |        |         |         |       |         |        |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 126   | 0,059  |   |            |              |                                      |        |         |        |         |         |       |         |        |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 169   | 0,0013   |   |            |              |                                      |        |         |        |         |         |       |         |        |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 105   | 0,012  |   |            |              |                                      |        |         |        |         |         |       |         |        |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 114   | 0,0014   |   |            |              |                                      |        |         |        |         |         |       |         |        |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 118   | 0,078  |   |            |              |                                      |        |         |        |         |         |       |         |        |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 123   | 0,0067   |   |            |              |                                      |        |         |        |         |         |       |         |        |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 156   | 0,014  |   |            |              |                                      |        |         |        |         |         |       |         |        |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 157   | 0,0016   |   |            |              |                                      |        |         |        |         |         |       |         |        |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 167   | 0,0078   |   |            |              |                                      |        |         |        |         |         |       |         |        |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 189   | 0,0013   |   |            |              |                                      |        |         |        |         |         |       |         |        |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |

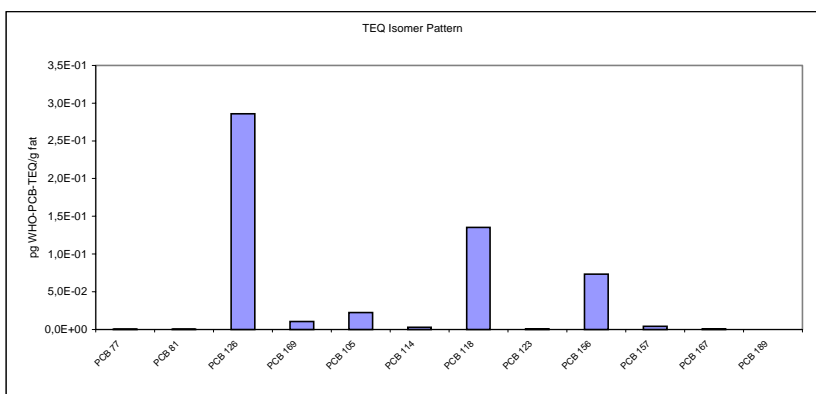
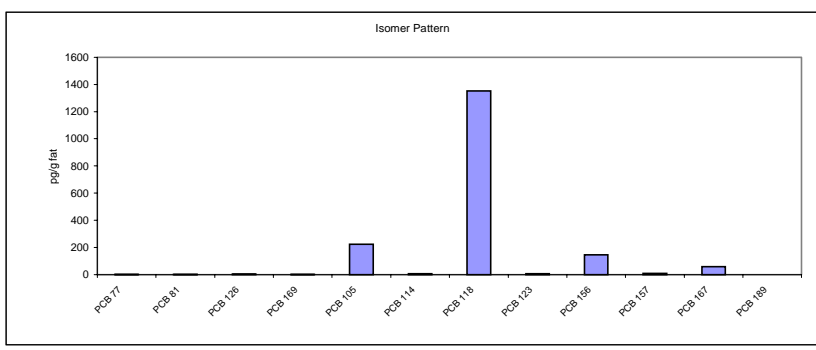
|                   |          |                |            |
|-------------------|----------|----------------|------------|
| <b>Sample ID:</b> | 411/01-9 | <b>Matrix:</b> | 009 cheese |
|                   |          | <b>Region:</b> | BENE       |

**Mixed Sample Composition**

no. individ. samples: 11  
 individual sample ID: 009-B-B-1  
 009-B-N-1 to 009-B-N-10  
 fat content (%): 44,1

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 2,1      | 65  |
| PCB 81  | 1,8      |   |
| PCB 126 | 2,9      | 69  |
| PCB 169 | 1,0      | 76  |
| PCB 105 | 220      | 75  |
| PCB 114 | 5,3      |   |
| PCB 118 | 1400     | 67  |
| PCB 123 | 4,9      |   |
| PCB 156 | 150      | 71  |
| PCB 157 | 7,9      |   |
| PCB 167 | 59       | 82  |
| PCB 189 | <        | 4,0   |

|   |             |
|---|-------------|
| <b>WHO-PCB-TEQ</b><br>(excluding LOQ)     | <b>0,54</b> |
| <b>WHO-PCB-TEQ</b><br>(including 1/2 LOQ) | <b>0,54</b> |
| <b>WHO-PCB-TEQ</b><br>(including LOQ)     | <b>0,54</b> |



|                   |          |                |            |
|-------------------|----------|----------------|------------|
| <b>Sample ID:</b> | 412/01-9 | <b>Matrix:</b> | 009 cheese |
|                   |          | <b>Region:</b> | SCAN       |

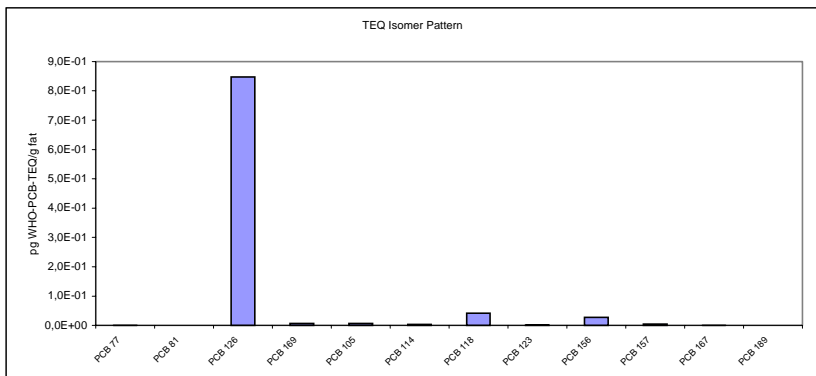
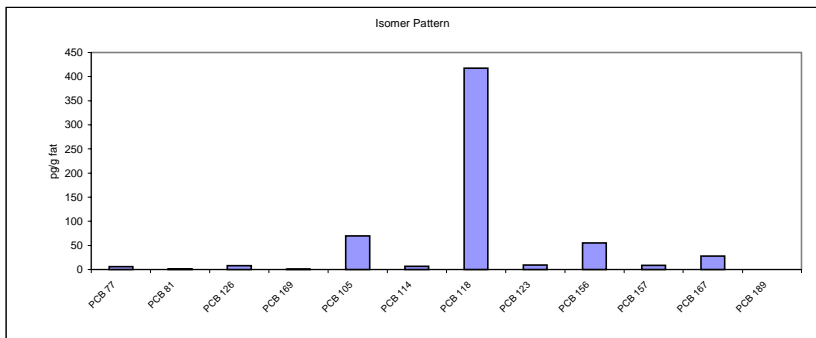
**Mixed Sample Composition**

no. individ. samples: 7  
 individual sample ID: 009-S-D-1 to 009-S-D-4  
 009-S-F-1  
 009-S-S-1 to 009-S-S-2

fat content (%): 45,1

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |    |
|---------|----------|---|----|
| PCB 77  | 5,7      | 72  |    |
| PCB 81  | 1,1      |   |    |
| PCB 126 | 8,5      | 94  |    |
| PCB 169 | 0,6      | 90  |    |
| PCB 105 | 70       | 87  |    |
| PCB 114 | 6,7      |   |    |
| PCB 118 | 420      | 79  |    |
| PCB 123 | 9,4      |   |    |
| PCB 156 | 55       | 72  |    |
| PCB 157 | 8,8      |   |    |
| PCB 167 | 28       | 82  |    |
| PCB 189 | <        | 4,0   | 75 |

**WHO-PCB-TEQ** **0,94**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,94**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,94**  
 (including LOQ)



|                   |          |                |            |
|-------------------|----------|----------------|------------|
| <b>Sample ID:</b> | 413/01-9 | <b>Matrix:</b> | 009 cheese |
|                   |          | <b>Region:</b> | FRANCE     |

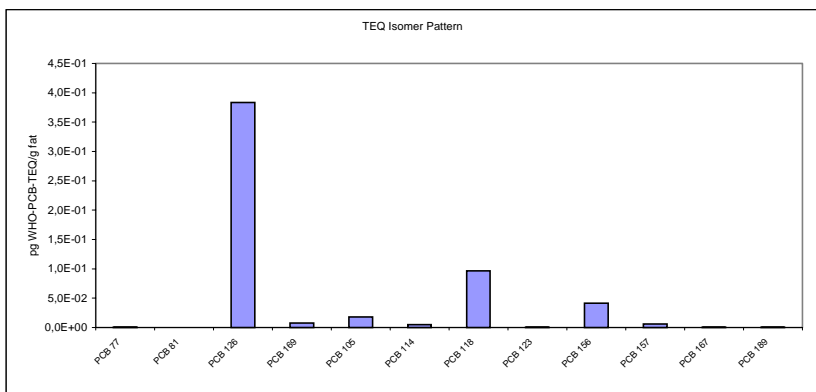
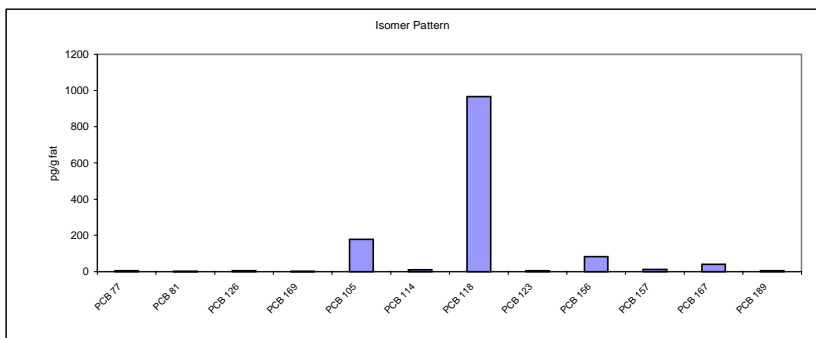
**Mixed Sample Composition**

no. individ. samples: 25  
 individual sample ID: 009-F-N-1 to 009-F-N-17  
 009-F-S-1 to 009-F-S-8

fat content (%) 50,27

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 3,8      | 75  |
| PCB 81  | 0,6      |   |
| PCB 126 | 3,8      | 98  |
| PCB 169 | 0,8      | 95  |
| PCB 105 | 180      | 85  |
| PCB 114 | 8,8      |   |
| PCB 118 | 970      | 82  |
| PCB 123 | 5,4      |   |
| PCB 156 | 83       | 85  |
| PCB 157 | 12       |   |
| PCB 167 | 40       | 77  |
| PCB 189 | 5,5      | 81  |

**WHO-PCB-TEQ** **0,56**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,56**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,56**  
 (including LOQ)



|                   |          |                |            |
|-------------------|----------|----------------|------------|
| <b>Sample ID:</b> | 414/01-9 | <b>Matrix:</b> | 009 cheese |
|                   |          | <b>Region:</b> | POSP       |

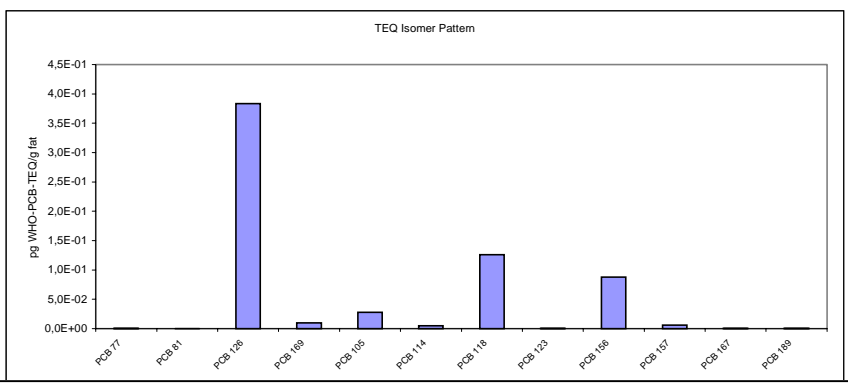
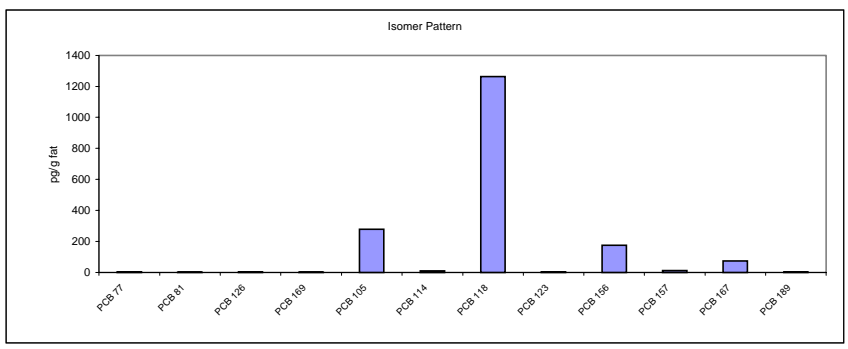
**Mixed Sample Composition**

no. individ. samples: 4  
 individual sample ID: 009-P-P1  
 009-P-N-1 to 009-P-N-2  
 009-P-S-1

fat content (%): 45,37

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 2,9      | 78  |
| PCB 81  | 1,8      |   |
| PCB 126 | 3,8      | 67  |
| PCB 169 | 1,0      | 72  |
| PCB 105 | 280      | 76  |
| PCB 114 | 10       |   |
| PCB 118 | 1300     | 76  |
| PCB 123 | 4,3      |   |
| PCB 156 | 180      | 77  |
| PCB 157 | 12       |   |
| PCB 167 | 74       | 79  |
| PCB 189 | 5,2      | 86  |

|  |             |
|--|-------------|
| <b>WHO-PCB-TEQ<br/>(excluding LOQ)</b>     | <b>0,65</b> |
| <b>WHO-PCB-TEQ<br/>(including 1/2 LOQ)</b> | <b>0,65</b> |
| <b>WHO-PCB-TEQ<br/>(including LOQ)</b>     | <b>0,65</b> |



|                   |          |                |            |
|-------------------|----------|----------------|------------|
| <b>Sample ID:</b> | 415/01-9 | <b>Matrix:</b> | 009 cheese |
|                   |          | <b>Region:</b> | GRIT       |

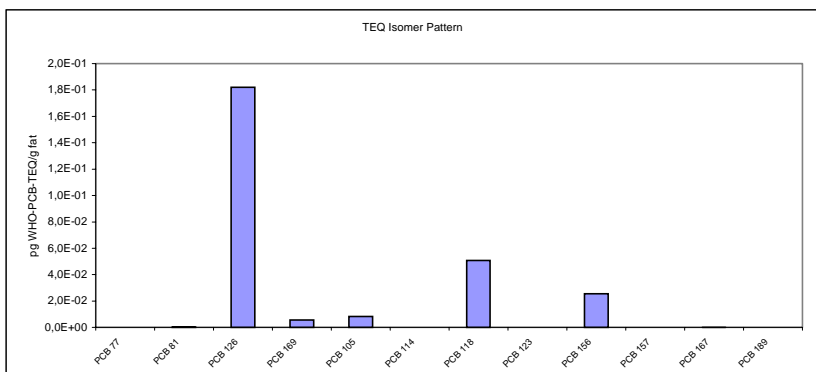
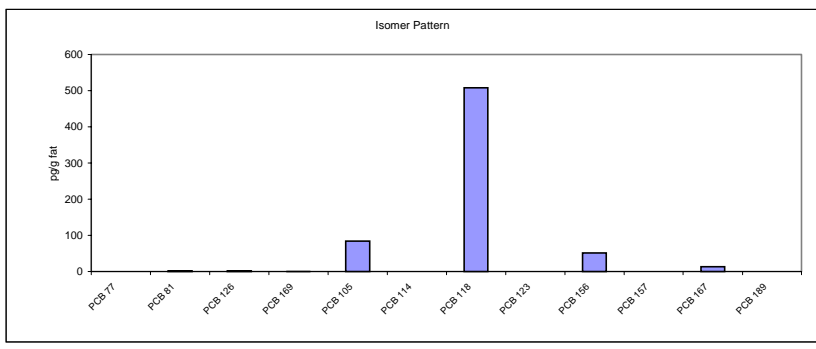
**Mixed Sample Composition**

no. individ. samples: 15  
 individual sample ID: 009-G-G-1 to 009-G-G-2  
 009-G-N-1 to 009-G-N-11  
 009-G-S-2 to 009-G-S-3

fat content (%): 47,98

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | <        | 1,0   |
| PCB 81  |          | 1,9   |
| PCB 126 |          | 68  |
| PCB 169 |          | 81  |
| PCB 105 |          | 70  |
| PCB 114 | <        | 4,0   |
| PCB 118 |          | 510   |
| PCB 123 | <        | 4,0   |
| PCB 156 |          | 51  |
| PCB 157 | <        | 4,0   |
| PCB 167 |          | 75  |
| PCB 189 | <        | 4,0   |

|   |             |
|---|-------------|
| <b>WHO-PCB-TEQ</b><br>(excluding LOQ)     | <b>0,27</b> |
| <b>WHO-PCB-TEQ</b><br>(including 1/2 LOQ) | <b>0,28</b> |
| <b>WHO-PCB-TEQ</b><br>(including LOQ)     | <b>0,28</b> |



|                   |          |                |            |
|-------------------|----------|----------------|------------|
| <b>Sample ID:</b> | 416/01-9 | <b>Matrix:</b> | 009 cheese |
|                   |          | <b>Region:</b> | IRUK       |

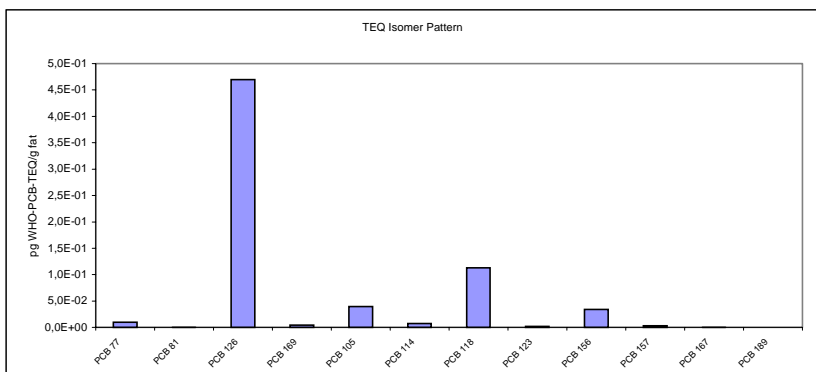
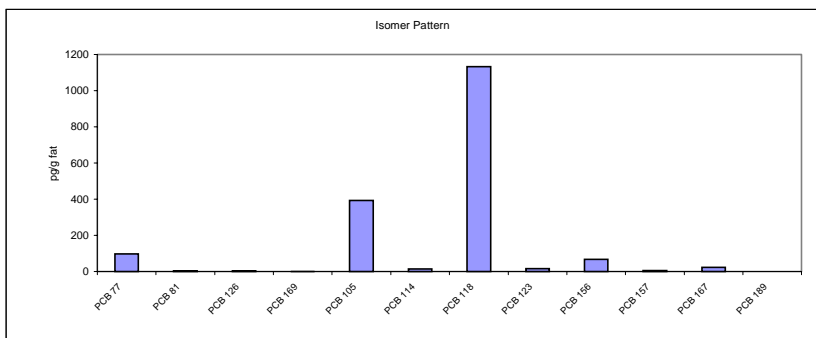
**Mixed Sample Composition**

no. individ. samples: 7  
 individual sample ID: 009-I-I-1  
 009-I-N-1 to 009-I-N-2  
 009-I-S-1 to 009-I-S-4

fat content (%): 50,38

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |    |
|---------|----------|---|----|
| PCB 77  | 97       | 67  |    |
| PCB 81  | 3,7      |   |    |
| PCB 126 | 4,7      | 72  |    |
| PCB 169 | 0,4      | 77  |    |
| PCB 105 | 390      | 76  |    |
| PCB 114 | 15       |   |    |
| PCB 118 | 1100     | 72  |    |
| PCB 123 | 16       |   |    |
| PCB 156 | 68       | 74  |    |
| PCB 157 | 6,2      |   |    |
| PCB 167 | 23       | 79  |    |
| PCB 189 | <        | 4,0   | 84 |

**WHO-PCB-TEQ** **0,68**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,68**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,68**  
 (including LOQ)



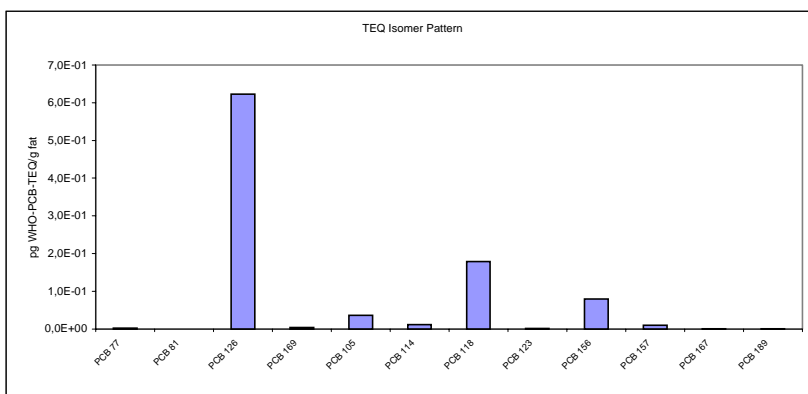
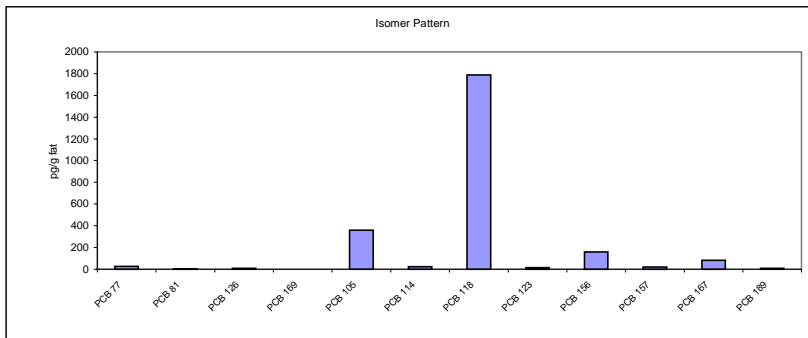
|                   |          |                |            |
|-------------------|----------|----------------|------------|
| <b>Sample ID:</b> | 417/01-4 | <b>Matrix:</b> | 009 cheese |
|                   |          | <b>Region:</b> | IMPORT     |

**Mixed Sample Composition**

no. individ. samples: 5  
 individual sample ID: 009-I-MEC-1  
 009-I-OTH-1 to 009-I-OTH-4  
 fat content (%): 45,89

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 26       | 81  |
| PCB 81  | 0,9      |   |
| PCB 126 | 6,2      | 100   |
| PCB 169 | 0,4      | 98  |
| PCB 105 | 360      | 91  |
| PCB 114 | 23       |   |
| PCB 118 | 1800     | 84  |
| PCB 123 | 13       |   |
| PCB 156 | 160      | 86  |
| PCB 157 | 20       |   |
| PCB 167 | 81       | 75  |
| PCB 189 | 6,5      | 71  |

**WHO-PCB-TEQ** **0,95**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,95**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,95**  
 (including LOQ)



9.5.10

Soyabeans

|   |                 |   |              |
|---|-----------------|---|--------------|
| <b>Sample ID:</b>                                     | 413/01-34       | <b>Matrix:</b>  | 010 soyabean |
|   |                 | <b>Region:</b>  | FRANCE       |
| <b>Mixed Sample Composition</b>                       |                 |   |              |
| no. individ. samples: 2                               |                 |   |              |
| individual sample ID: 010-F-N1 to 010-F-N-2           |                 |   |              |
| fat content (%): 23,41                                |                 |   |              |
| <b>Results</b>  | <b>pg/g fat</b> | <b>Recovery rate<br/><sup>13</sup>C<sub>12</sub> standard</b> |              |
| PCB 77  | 6,8             | 78  |              |
| PCB 81  | 0,5             |   |              |
| PCB 126   | <               | 0,2   | 95           |
| PCB 169   | <               | 0,6   | 97           |
| PCB 105   | 22              | 81  |              |
| PCB 114   | <               | 4,0   |              |
| PCB 118   | 90              | 77  |              |
| PCB 123   | <               | 4,0   |              |
| PCB 156   | 15              | 80  |              |
| PCB 157   | <               | 4,0   |              |
| PCB 167   | 6,4             | 60  |              |
| PCB 189   | <               | 4,0   | 71           |
| <b>WHO-PCB-TEQ<br/>(excluding LOQ)</b>                | <b>0,02</b>     |   |              |
| <b>WHO-PCB-TEQ<br/>(including 1/2 LOQ)</b>            | <b>0,04</b>     |   |              |
| <b>WHO-PCB-TEQ<br/>(including LOQ)</b>                | <b>0,05</b>     |   |              |
| <p style="text-align: center;">Isomer Pattern</p>     |                 |   |              |
| <p style="text-align: center;">TEQ Isomer Pattern</p> |                 |   |              |

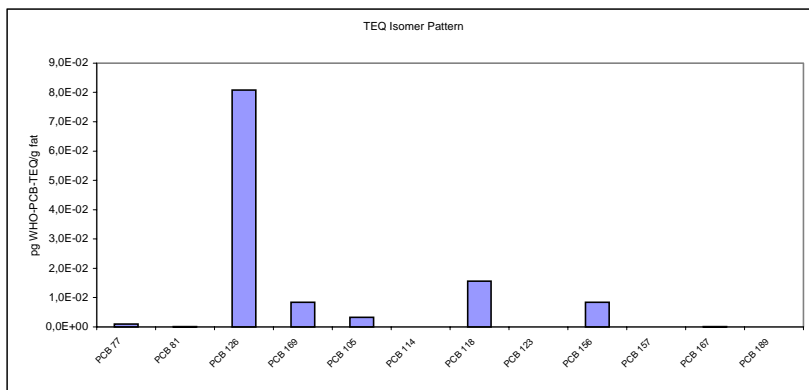
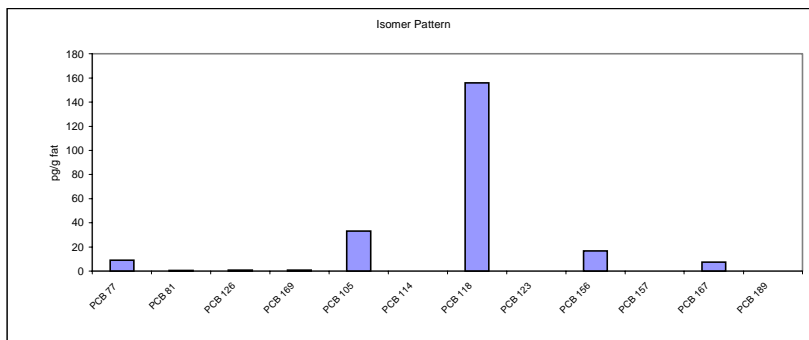
|                   |          |                |              |
|-------------------|----------|----------------|--------------|
| <b>Sample ID:</b> | 417/01-5 | <b>Matrix:</b> | 010 soyabean |
|                   |          | <b>Region:</b> | IMPORT       |

**Mixed Sample Composition**

no. individ. samples: 22  
 individual sample ID: 010-I-MSUR-1to 010-I-MSUR-8  
 fat content (%) 3,711

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 9,1      | 85  |
| PCB 81  | 0,5      |   |
| PCB 126 | 0,8      | 100   |
| PCB 169 | 0,8      | 108   |
| PCB 105 | 33       | 87  |
| PCB 114 | < 4,0    |   |
| PCB 118 | 160      | 85  |
| PCB 123 | < 4,0    |   |
| PCB 156 | 17       | 94  |
| PCB 157 | < 4,0    |   |
| PCB 167 | 7,5      | 82  |
| PCB 189 | < 4,0    | 87  |

**WHO-PCB-TEQ** 0,12  
 (excluding LOQ)  
**WHO-PCB-TEQ** 0,12  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** 0,12  
 (including LOQ)



9.5.11

Soyabean Oil

| Sample ID:  | 410/01-10  | Matrix:   | 011 soyabean oil |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
|---|--|---|------------------|--------------|----------------------|--------|--------|--------|---------|---------|-------|---------|-------|---------|-------|---------|--------|---------|-------|---------|--------|---------|-------|---------|--------|---------|--------|---------|--------|
|   |  | Region:   | AUGE             |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| <b>Mixed Sample Composition</b>   |  |   |                  |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| no. individ. samples:   | 14   |   |                  |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| individual sample ID:   | 011-A-N-1 to 011-A-N-6<br>011-A-S-1 to 011-A-S-8 |   |                  |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| fat content (%):  | 100  |   |                  |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| <b>Results</b>  | <b>pg/g fat</b>                                  | <b>Recovery rate<br/><sup>13</sup>C<sub>12</sub> standard</b> |                  |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 77  | 19   | 55  |                  |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 81  | 1,2  |   |                  |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 126   | 1,5  | 76  |                  |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 169   | 1,0  | 65  |                  |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 105   | 100  | 59  |                  |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 114   | 8,7  |   |                  |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 118   | 410  | 56  |                  |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 123   | 6,7  |   |                  |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 156   | 45   | 57  |                  |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 157   | 5,5  |   |                  |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 167   | 26   | 52  |                  |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 189   | 4,4  | 61  |                  |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| <b>WHO-PCB-TEQ<br/>(excluding LOQ)</b>  | <b>0,25</b>                                      |   |                  |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| <b>WHO-PCB-TEQ<br/>(including 1/2 LOQ)</b>  | <b>0,25</b>                                      |   |                  |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| <b>WHO-PCB-TEQ<br/>(including LOQ)</b>  | <b>0,25</b>                                      |   |                  |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| <b>Isomer Pattern</b>   |  |   |                  |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| <table border="1"> <caption>Isomer Pattern Data</caption> <thead> <tr> <th>PCB Congener</th> <th>pg/g fat</th> </tr> </thead> <tbody> <tr><td>PCB 77</td><td>19</td></tr> <tr><td>PCB 81</td><td>1,2</td></tr> <tr><td>PCB 126</td><td>1,5</td></tr> <tr><td>PCB 169</td><td>1,0</td></tr> <tr><td>PCB 105</td><td>100</td></tr> <tr><td>PCB 114</td><td>8,7</td></tr> <tr><td>PCB 118</td><td>410</td></tr> <tr><td>PCB 123</td><td>6,7</td></tr> <tr><td>PCB 156</td><td>45</td></tr> <tr><td>PCB 157</td><td>5,5</td></tr> <tr><td>PCB 167</td><td>26</td></tr> <tr><td>PCB 189</td><td>4,4</td></tr> </tbody> </table>  |  |   |                  | PCB Congener | pg/g fat             | PCB 77 | 19     | PCB 81 | 1,2     | PCB 126 | 1,5   | PCB 169 | 1,0   | PCB 105 | 100   | PCB 114 | 8,7    | PCB 118 | 410   | PCB 123 | 6,7    | PCB 156 | 45    | PCB 157 | 5,5    | PCB 167 | 26     | PCB 189 | 4,4    |
| PCB Congener  | pg/g fat   |   |                  |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 77  | 19   |   |                  |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 81  | 1,2  |   |                  |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 126   | 1,5  |   |                  |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 169   | 1,0  |   |                  |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 105   | 100  |   |                  |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 114   | 8,7  |   |                  |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 118   | 410  |   |                  |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 123   | 6,7  |   |                  |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 156   | 45   |   |                  |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 157   | 5,5  |   |                  |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 167   | 26   |   |                  |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 189   | 4,4  |   |                  |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| <b>TEQ Isomer Pattern</b>   |  |   |                  |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| <table border="1"> <caption>TEQ Isomer Pattern Data</caption> <thead> <tr> <th>PCB Congener</th> <th>pg WHO-PCB-TEQ/g fat</th> </tr> </thead> <tbody> <tr><td>PCB 77</td><td>~0.001</td></tr> <tr><td>PCB 81</td><td>~0.0005</td></tr> <tr><td>PCB 126</td><td>~0.15</td></tr> <tr><td>PCB 169</td><td>~0.01</td></tr> <tr><td>PCB 105</td><td>~0.01</td></tr> <tr><td>PCB 114</td><td>~0.005</td></tr> <tr><td>PCB 118</td><td>~0.04</td></tr> <tr><td>PCB 123</td><td>~0.002</td></tr> <tr><td>PCB 156</td><td>~0.02</td></tr> <tr><td>PCB 157</td><td>~0.005</td></tr> <tr><td>PCB 167</td><td>~0.002</td></tr> <tr><td>PCB 189</td><td>~0.001</td></tr> </tbody> </table> |  |   |                  | PCB Congener | pg WHO-PCB-TEQ/g fat | PCB 77 | ~0.001 | PCB 81 | ~0.0005 | PCB 126 | ~0.15 | PCB 169 | ~0.01 | PCB 105 | ~0.01 | PCB 114 | ~0.005 | PCB 118 | ~0.04 | PCB 123 | ~0.002 | PCB 156 | ~0.02 | PCB 157 | ~0.005 | PCB 167 | ~0.002 | PCB 189 | ~0.001 |
| PCB Congener  | pg WHO-PCB-TEQ/g fat                             |   |                  |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 77  | ~0.001   |   |                  |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 81  | ~0.0005  |   |                  |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 126   | ~0.15  |   |                  |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 169   | ~0.01  |   |                  |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 105   | ~0.01  |   |                  |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 114   | ~0.005   |   |                  |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 118   | ~0.04  |   |                  |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 123   | ~0.002   |   |                  |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 156   | ~0.02  |   |                  |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 157   | ~0.005   |   |                  |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 167   | ~0.002   |   |                  |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |
| PCB 189   | ~0.001   |   |                  |              |                      |        |        |        |         |         |       |         |       |         |       |         |        |         |       |         |        |         |       |         |        |         |        |         |        |

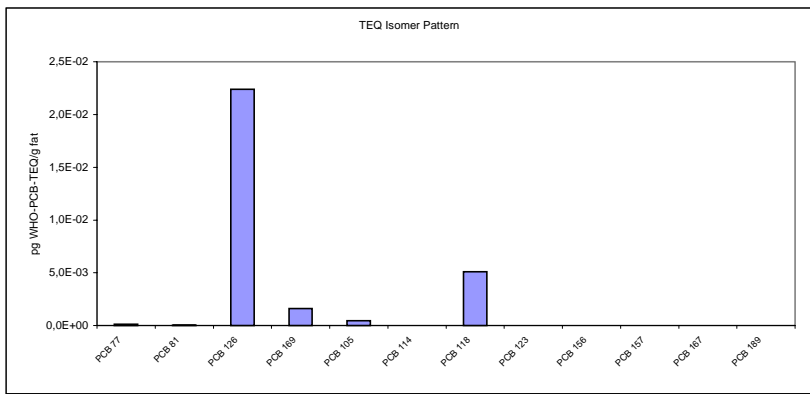
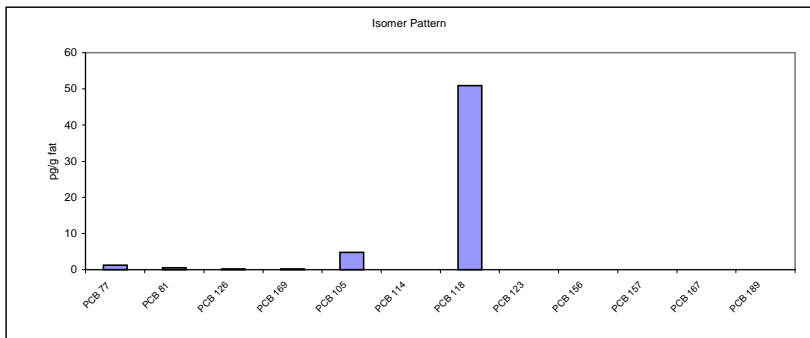
|                   |           |                |                  |
|-------------------|-----------|----------------|------------------|
| <b>Sample ID:</b> | 411/01-10 | <b>Matrix:</b> | 011 Soyabean oil |
|                   |           | <b>Region:</b> | BENE             |

**Mixed Sample Composition**

no. individ. samples: 25  
 individual sample ID: 004-B-B-1 to 004-B-B-5  
 004-B-N-1 to 004-B-N-20  
 fat content (%): 100

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 1,3      | 93  |
| PCB 81  | 0,5      |   |
| PCB 126 | 0,2      | 104   |
| PCB 169 | 0,2      | 79  |
| PCB 105 | 4,8      | 91  |
| PCB 114 | <        | 4,0   |
| PCB 118 | 51       | 81  |
| PCB 123 | <        | 4,0   |
| PCB 156 | <        | 4,0   |
| PCB 157 | <        | 4,0   |
| PCB 167 | <        | 4,0   |
| PCB 189 | <        | 4,0   |

**WHO-PCB-TEQ** (excluding LOQ) **0,03**  
**WHO-PCB-TEQ** (including 1/2 LOQ) **0,03**  
**WHO-PCB-TEQ** (including LOQ) **0,04**



|                   |           |                |                  |
|-------------------|-----------|----------------|------------------|
| <b>Sample ID:</b> | 412/01-10 | <b>Matrix:</b> | 011 soyabean oil |
|                   |           | <b>Region:</b> | SCAN             |

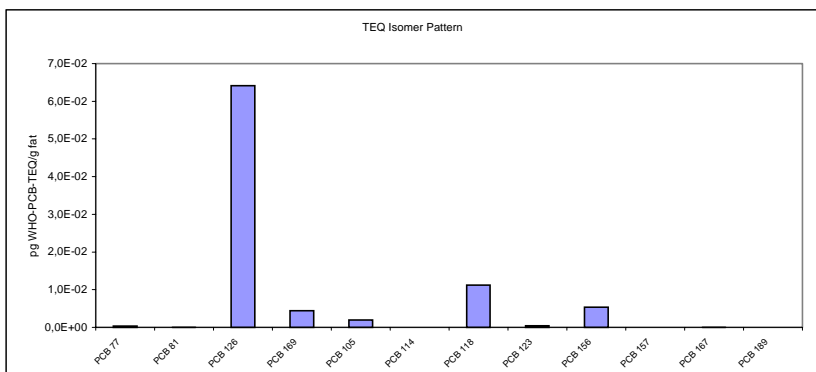
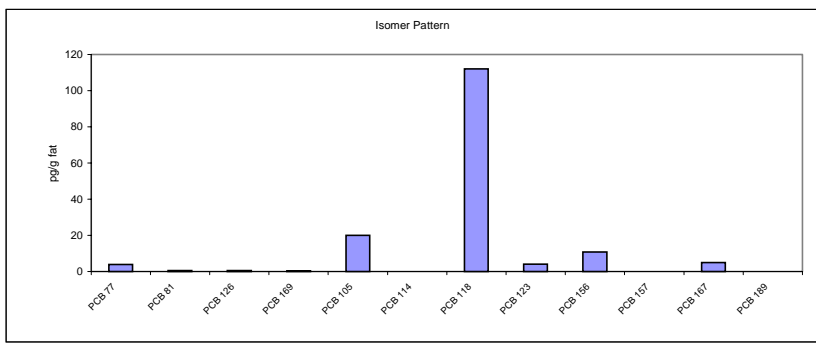
**Mixed Sample Composition**

no. individ. samples: 3  
 individual sample ID: 011-S-D-1  
 011-S-F-1  
 011-S-S-1

fat content (%): 99,99

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 3,9      | 69  |
| PCB 81  | 0,5      |   |
| PCB 126 | 0,6      | 87  |
| PCB 169 | 0,4      | 88  |
| PCB 105 | 20       | 77  |
| PCB 114 | <        | 4,0   |
| PCB 118 | 110      | 73  |
| PCB 123 | 4,1      |   |
| PCB 156 | 11       | 75  |
| PCB 157 | <        | 4,0   |
| PCB 167 | 4,9      | 66  |
| PCB 189 | <        | 4,0   |

|   |             |
|---|-------------|
| <b>WHO-PCB-TEQ</b><br>(excluding LOQ)     | <b>0,09</b> |
| <b>WHO-PCB-TEQ</b><br>(including 1/2 LOQ) | <b>0,09</b> |
| <b>WHO-PCB-TEQ</b><br>(including LOQ)     | <b>0,09</b> |



|                   |           |                |                  |
|-------------------|-----------|----------------|------------------|
| <b>Sample ID:</b> | 413/01-10 | <b>Matrix:</b> | 011 Soyabean oil |
|                   |           | <b>Region:</b> | FRANCE           |

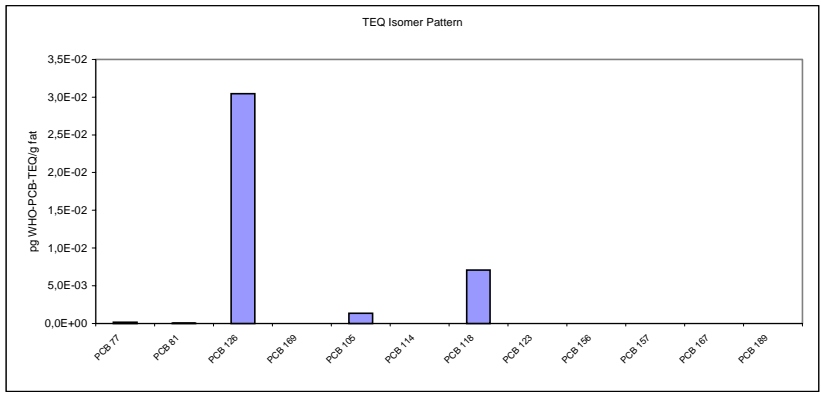
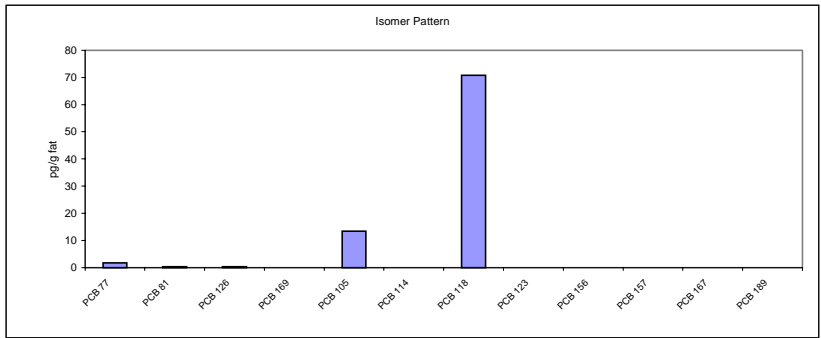
**Mixed Sample Composition**

no. individ. samples: 3  
 individual sample ID: 011-F-N-1 to 011-F-N-2  
 011-F-S-1

fat content (%) 100

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 1,7      | 95  |
| PCB 81  | 0,4      |   |
| PCB 126 | 0,3      | 105   |
| PCB 169 | <        | 85  |
| PCB 105 | 13       | 94  |
| PCB 114 | <        | 4,0   |
| PCB 118 | 71       | 91  |
| PCB 123 | <        | 4,0   |
| PCB 156 | <        | 4,0   |
| PCB 157 | <        | 4,0   |
| PCB 167 | <        | 4,0   |
| PCB 189 | <        | 4,0   |
| PCB 189 | <        | 4,0   |
| PCB 189 | <        | 4,0   |

|  |             |
|--|-------------|
| <b>WHO-PCB-TEQ (excluding LOQ)</b>     | <b>0,04</b> |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b> | <b>0,04</b> |
| <b>WHO-PCB-TEQ (including LOQ)</b>     | <b>0,05</b> |



|                   |           |                |                  |
|-------------------|-----------|----------------|------------------|
| <b>Sample ID:</b> | 414/01-10 | <b>Matrix:</b> | 011 soyabean oil |
|                   |           | <b>Region:</b> | POSP             |

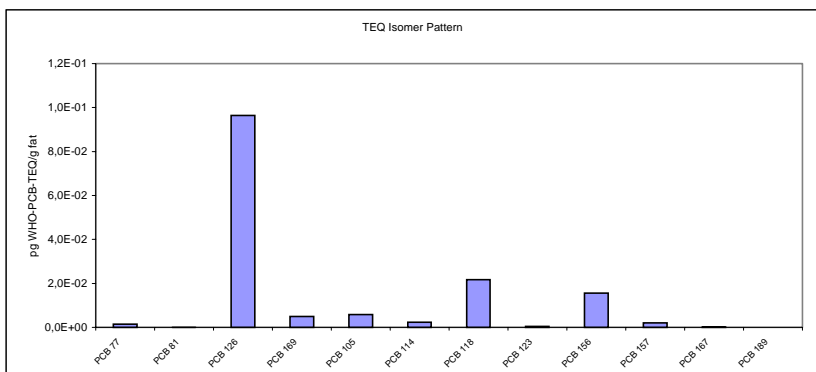
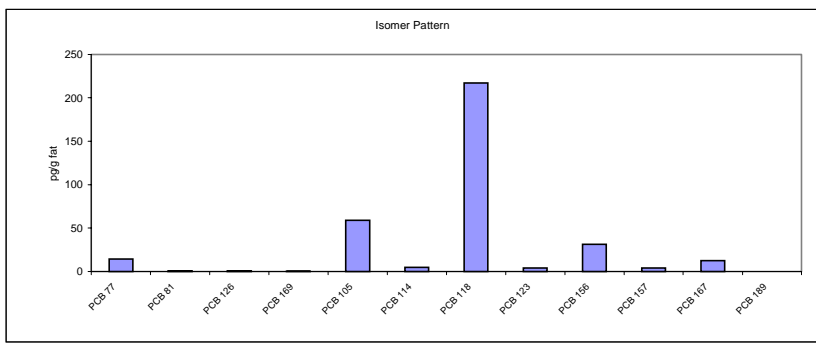
**Mixed Sample Composition**

no. individ. samples: 16  
 individual sample ID: 011-P-P-1  
 011-P-N-1 to 011-P-N-4  
 011-P-S-4 to 011-P-S-11

fat content (%): 100

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |    |
|---------|----------|---|----|
| PCB 77  | 14       | 61  |    |
| PCB 81  | 1,0      |   |    |
| PCB 126 | 1,0      | 76  |    |
| PCB 169 | 0,5      | 76  |    |
| PCB 105 | 59       | 67  |    |
| PCB 114 | 4,9      |   |    |
| PCB 118 | 220      | 64  |    |
| PCB 123 | 4,2      |   |    |
| PCB 156 | 31       | 65  |    |
| PCB 157 | 4,1      |   |    |
| PCB 167 | 13       | 57  |    |
| PCB 189 | <        | 4,0   | 70 |

|   |             |
|---|-------------|
| <b>WHO-PCB-TEQ</b><br>(excluding LOQ)     | <b>0,15</b> |
| <b>WHO-PCB-TEQ</b><br>(including 1/2 LOQ) | <b>0,15</b> |
| <b>WHO-PCB-TEQ</b><br>(including LOQ)     | <b>0,15</b> |



|                   |           |                |                  |
|-------------------|-----------|----------------|------------------|
| <b>Sample ID:</b> | 415/01-11 | <b>Matrix:</b> | 011 soyabean oil |
|                   |           | <b>Region:</b> | GRIT             |

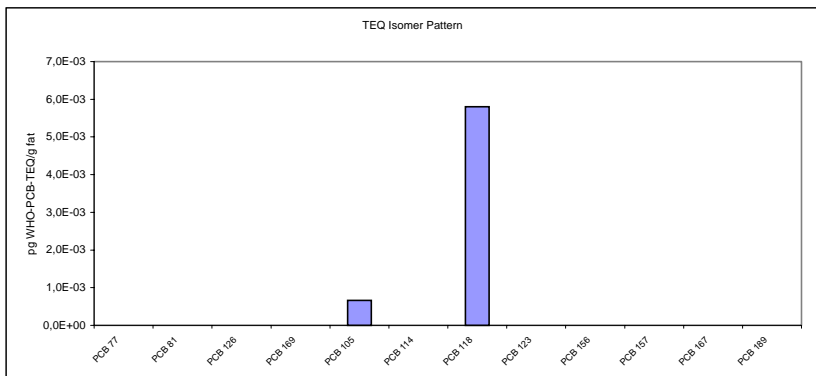
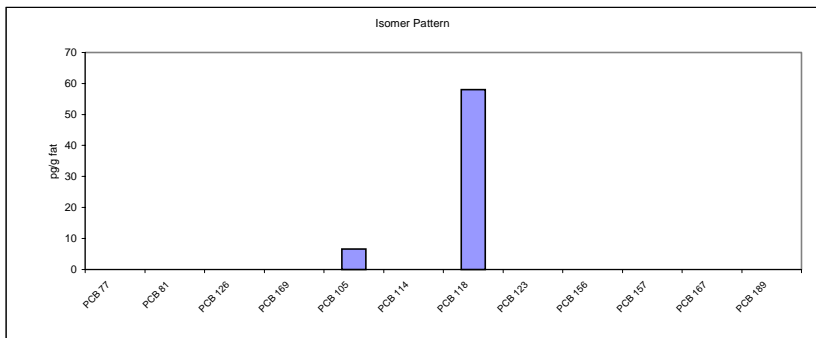
**Mixed Sample Composition**

no. individ. samples: 11  
 individual sample ID: 011-G-G-1 to 011-G-G-2  
 011-G-N-1 to 011-G-N-6  
 011-G-S-1 to 011-G-3

fat content (%): 100

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | <        | 1,0   |
| PCB 81  | <        | 0,2   |
| PCB 126 | <        | 0,2   |
| PCB 169 | <        | 109   |
| PCB 105 | <        | 90  |
| PCB 105 | <        | 6,6   |
| PCB 114 | <        | 89  |
| PCB 118 | <        | 4,0   |
| PCB 118 | <        | 58  |
| PCB 123 | <        | 90  |
| PCB 123 | <        | 4,0   |
| PCB 156 | <        | 4,0   |
| PCB 156 | <        | 84  |
| PCB 157 | <        | 4,0   |
| PCB 167 | <        | 4,0   |
| PCB 167 | <        | 82  |
| PCB 189 | <        | 4,0   |
| PCB 189 | <        | 85  |

**WHO-PCB-TEQ** **0,01**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,02**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,03**  
 (including LOQ)



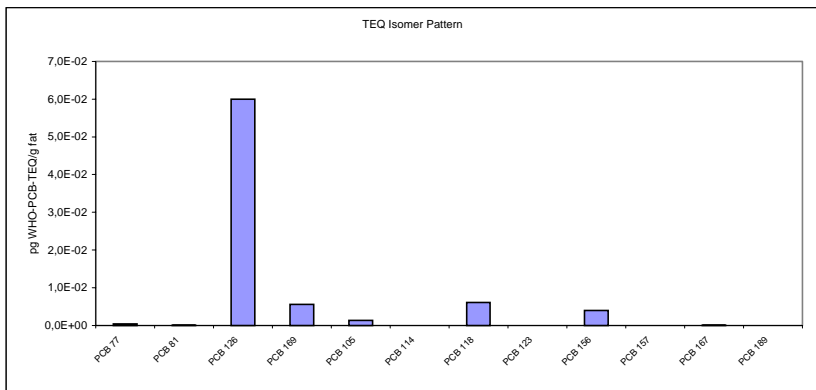
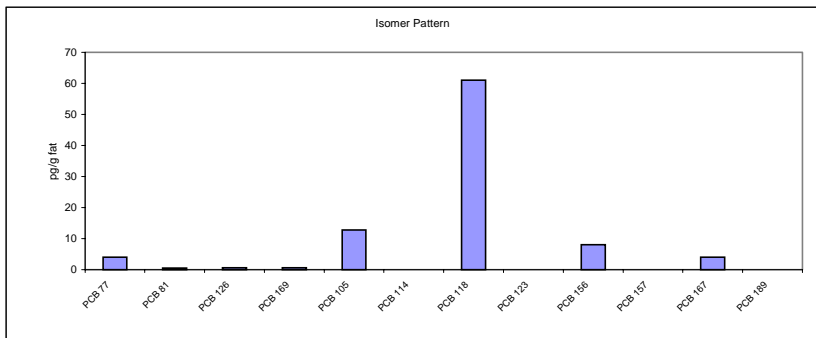
|                   |           |                |                  |
|-------------------|-----------|----------------|------------------|
| <b>Sample ID:</b> | 416/01-10 | <b>Matrix:</b> | 011 soyabean oil |
|                   |           | <b>Region:</b> | IRUK             |

**Mixed Sample Composition**

no. individ. samples: 1  
 individual sample ID: 011-I-S-2  
 fat content (%): 99,95

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |    |
|---------|----------|---|----|
| PCB 77  | 3,9      | 60  |    |
| PCB 81  | 0,4      |   |    |
| PCB 126 | 0,6      | 76  |    |
| PCB 169 | 0,6      | 81  |    |
| PCB 105 | 13       | 68  |    |
| PCB 114 | <        | 4,0   |    |
| PCB 118 | 61       | 64  |    |
| PCB 123 | <        | 4,0   |    |
| PCB 156 | 8,0      | 69  |    |
| PCB 157 | <        | 4,0   |    |
| PCB 167 | 4,0      | 61  |    |
| PCB 189 | <        | 4,0   | 71 |

**WHO-PCB-TEQ** **0,08**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,08**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,08**  
 (including LOQ)



9.5.12

Soyabean Oilcake

|   |                  |   |                      |
|---|------------------|---|----------------------|
| <b>Sample ID:</b>                                     | 410/01-11        | <b>Matrix:</b>  | 012 soyabean oilcake |
|   |                  | <b>Region:</b>  | AUGE                 |
| <b>Mixed Sample Composition</b>                       |                  |   |                      |
| no. individ. samples: 4                               |                  |   |                      |
| individual sample ID: 012-A-S-1 to 012-A-S-4          |                  |   |                      |
| dry matter (%): 89,8                                  |                  |   |                      |
| <b>Results</b>  | <b>pg/g d.m.</b> | <b>Recovery rate <sup>13</sup>C<sub>12</sub> standard</b> |                      |
| PCB 77  | 2,30             | 100   |                      |
| PCB 81  | 0,03             |   |                      |
| PCB 126   | 0,04             | 114   |                      |
| PCB 169   | 0,04             | 111   |                      |
| PCB 105   | 2,50             | 106   |                      |
| PCB 114   | <                | 0,20  |                      |
| PCB 118   | 11,00            | 104   |                      |
| PCB 123   | <                | 0,20  |                      |
| PCB 156   | 1,80             | 99  |                      |
| PCB 157   | 0,26             |   |                      |
| PCB 167   | 0,91             | 88  |                      |
| PCB 189   | 0,39             | 105   |                      |
| <b>WHO-PCB-TEQ (excluding LOQ)</b>                    | <b>0,007</b>     |   |                      |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b>                | <b>0,007</b>     |   |                      |
| <b>WHO-PCB-TEQ (including LOQ)</b>                    | <b>0,007</b>     |   |                      |
| <p style="text-align: center;">Isomer Pattern</p>     |                  |   |                      |
| <p style="text-align: center;">TEQ Isomer Pattern</p> |                  |   |                      |

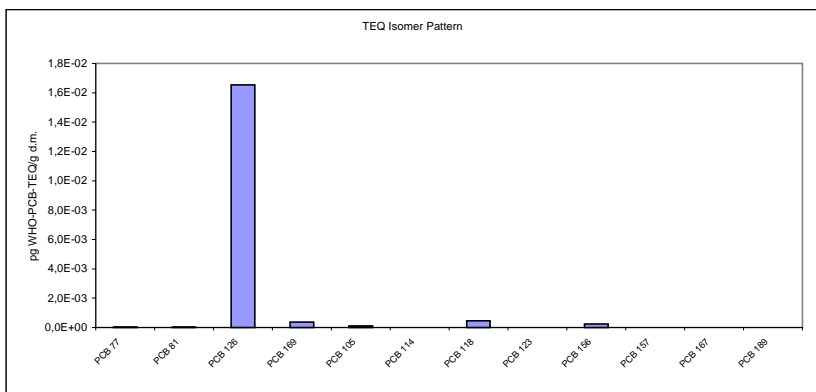
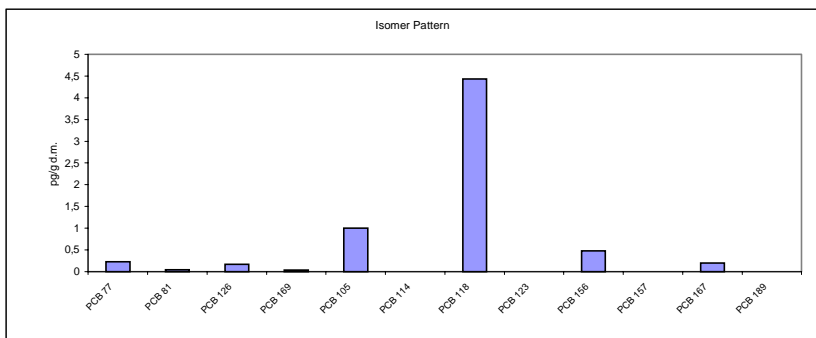
|                   |           |                |                      |
|-------------------|-----------|----------------|----------------------|
| <b>Sample ID:</b> | 411/01-11 | <b>Matrix:</b> | 012 soyabean oilcake |
|                   |           | <b>Region:</b> | BENE                 |

**Mixed Sample Composition**

no. individ. samples: 15  
 individual sample ID: 012-B-B-1 to 012-B-B-3  
 012-B-N-1 to 012-B-N-12  
 dry matter (%): 88,7

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |     |
|---------|-----------|--|-----|
| PCB 77  | 0,23      | 101  |     |
| PCB 81  | 0,04      |  |     |
| PCB 126 | 0,17      | 115  |     |
| PCB 169 | 0,04      | 112  |     |
| PCB 105 | 1,00      | 104  |     |
| PCB 114 | <         | 0,20   |     |
| PCB 118 | 4,40      | 97   |     |
| PCB 123 | <         | 0,20   |     |
| PCB 156 | 0,48      | 102  |     |
| PCB 157 | <         | 0,20   |     |
| PCB 167 | 0,20      | 89   |     |
| PCB 189 | <         | 0,20   | 106 |

**WHO-PCB-TEQ (excluding LOQ) 0,018**  
**WHO-PCB-TEQ (including 1/2 LOQ) 0,018**  
**WHO-PCB-TEQ (including LOQ) 0,018**



|                   |           |                |                      |
|-------------------|-----------|----------------|----------------------|
| <b>Sample ID:</b> | 412/01-11 | <b>Matrix:</b> | 012 soyabean oilcake |
|                   |           | <b>Region:</b> | SCAN                 |

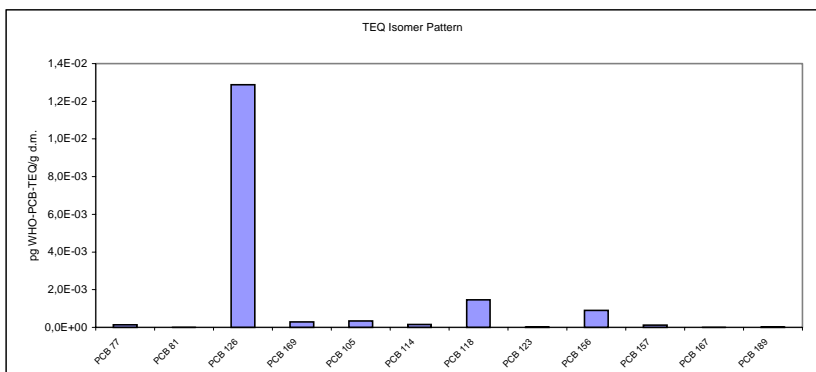
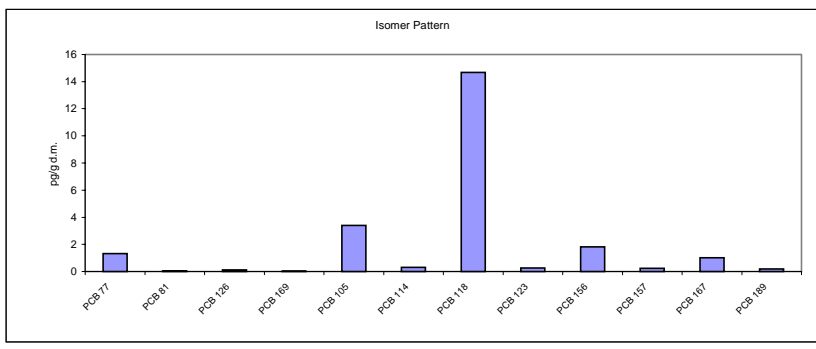
**Mixed Sample Composition**

no. individ. samples: 3  
 individual sample ID: 012-S-D-1  
 012-S-F-1  
 012-S-S-1

dry matter (%): 91,8

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |
|---------|-----------|--|
| PCB 77  | 1,30      | 96   |
| PCB 81  | 0,04      |  |
| PCB 126 | 0,13      | 111  |
| PCB 169 | 0,03      | 110  |
| PCB 105 | 3,40      | 107  |
| PCB 114 | 0,31      |  |
| PCB 118 | 15,00     | 97   |
| PCB 123 | 0,26      |  |
| PCB 156 | 1,80      | 103  |
| PCB 157 | 0,24      |  |
| PCB 167 | 1,00      | 88   |
| PCB 189 | 0,20      | 95   |

**WHO-PCB-TEQ** **0,016**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,016**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,016**  
 (including LOQ)



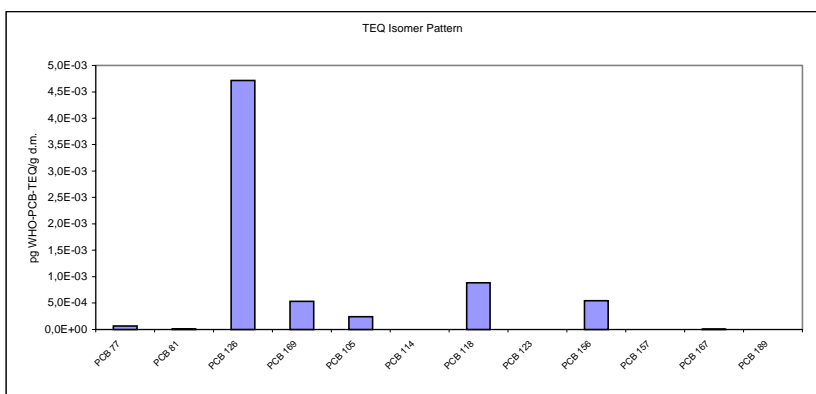
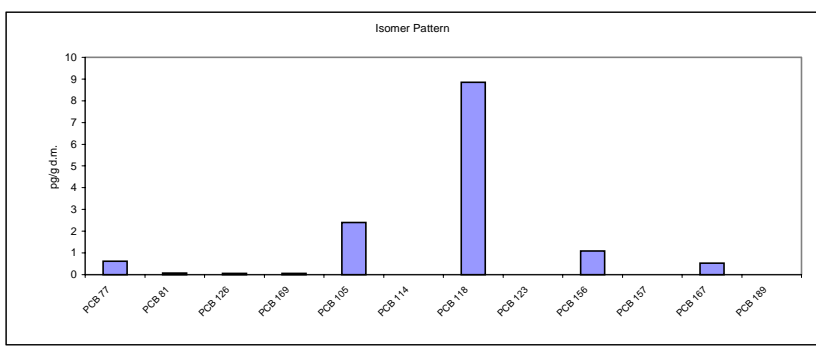
|                   |           |                |                      |
|-------------------|-----------|----------------|----------------------|
| <b>Sample ID:</b> | 413/01-11 | <b>Matrix:</b> | 012 soyabean oilcake |
|                   |           | <b>Region:</b> | FRANCE               |

**Mixed Sample Composition**

no. individ. samples: 2  
 individual sample ID: 012-F-N-1  
 012-F-S-1  
 dry matter (%): 87,98

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |
|---------|-----------|--|
| PCB 77  | 0,61      | 77   |
| PCB 81  | 0,07      |  |
| PCB 126 | 0,05      | 103  |
| PCB 169 | 0,05      | 98   |
| PCB 105 | 2,40      | 86   |
| PCB 114 | < 0,20    |  |
| PCB 118 | 8,90      | 80   |
| PCB 123 | < 0,20    |  |
| PCB 156 | 1,10      | 82   |
| PCB 157 | < 0,20    |  |
| PCB 167 | 0,52      | 73   |
| PCB 189 | < 0,20    | 86   |

|  |              |
|--|--------------|
| <b>WHO-PCB-TEQ (excluding LOQ)</b>     | <b>0,007</b> |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b> | <b>0,007</b> |
| <b>WHO-PCB-TEQ (including LOQ)</b>     | <b>0,007</b> |



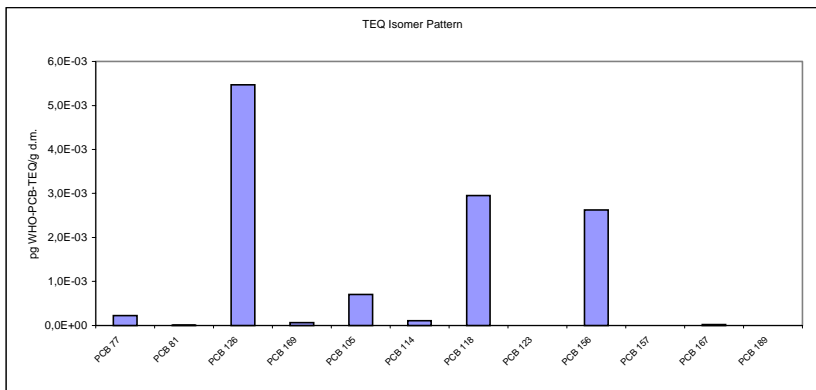
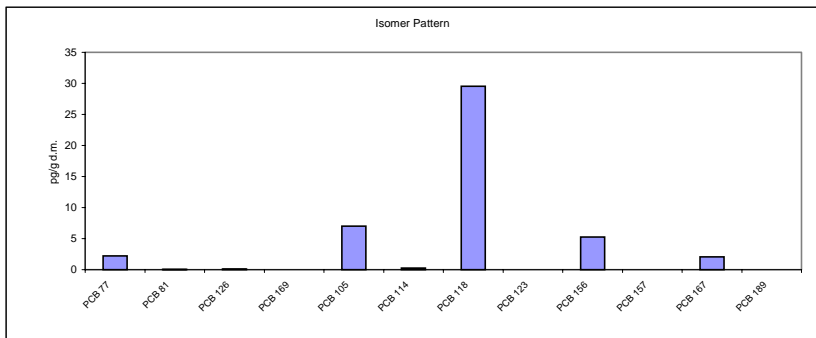
|                   |             |                |                      |
|-------------------|-------------|----------------|----------------------|
| <b>Sample ID:</b> | 414/01-11 a | <b>Matrix:</b> | 012 soyabean oilcake |
|                   |             | <b>Region:</b> | POSP                 |

**Mixed Sample Composition**

no. individ. samples: 3  
 individual sample ID: 012-P-P-1  
 012-P-S-1 to 012-P-S-2  
 dry matter (%) 91

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |     |
|---------|-----------|--|-----|
| PCB 77  | 2,20      | 104  |     |
| PCB 81  | 0,02      |  |     |
| PCB 126 | 0,05      | 111  |     |
| PCB 169 | 0,05      | 110  |     |
| PCB 105 | 7,00      | 104  |     |
| PCB 114 | 0,21      |  |     |
| PCB 118 | 30,00     | 103  |     |
| PCB 123 | <         | 0,20   |     |
| PCB 156 | 5,30      | 103  |     |
| PCB 157 | <         | 0,20   |     |
| PCB 167 | 2,00      | 90   |     |
| PCB 189 | <         | 0,20   | 103 |

**WHO-PCB-TEQ (excluding LOQ) 0,012**  
**WHO-PCB-TEQ (including 1/2 LOQ) 0,012**  
**WHO-PCB-TEQ (including LOQ) 0,012**



|                   |           |                |                      |
|-------------------|-----------|----------------|----------------------|
| <b>Sample ID:</b> | 416/01-11 | <b>Matrix:</b> | 012 soyabean oilcake |
|                   |           | <b>Region:</b> | IRUK                 |

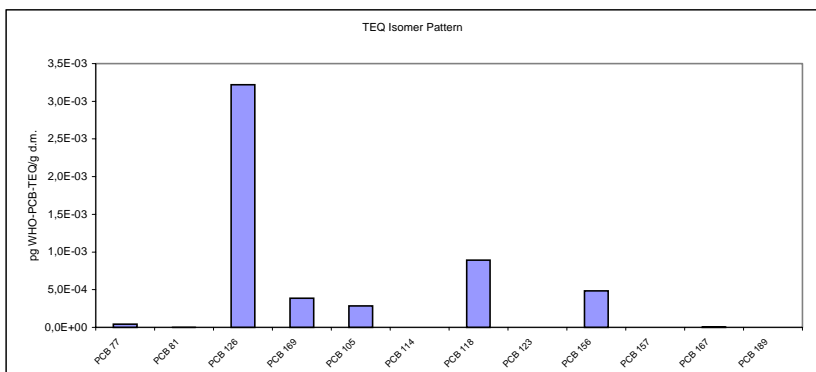
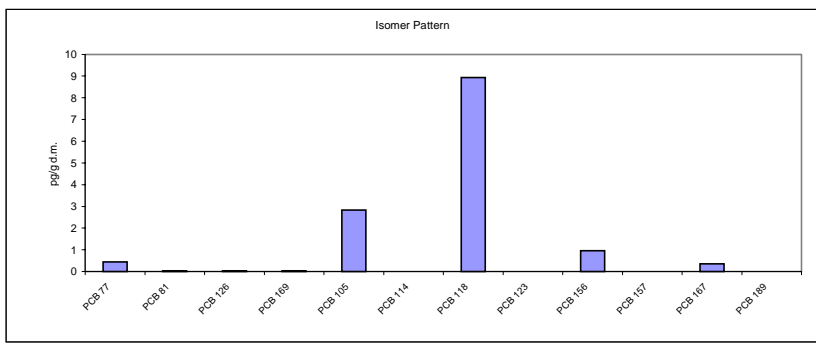
**Mixed Sample Composition**

no. individ. samples: 3  
 individual sample ID: 012-I-I-1  
 012-I-N-1  
 012-I-S-1

dry matter (%): 88,9

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |
|---------|-----------|--|
| PCB 77  | 0,45      | 96   |
| PCB 81  | 0,03      |  |
| PCB 126 | 0,03      | 105  |
| PCB 169 | 0,04      | 101  |
| PCB 105 | 2,80      | 106  |
| PCB 114 | <         | 0,20   |
| PCB 118 | 8,90      | 99   |
| PCB 123 | <         | 0,20   |
| PCB 156 | 0,97      | 101  |
| PCB 157 | <         | 0,20   |
| PCB 167 | 0,36      | 88   |
| PCB 189 | <         | 0,20   |

|  |              |
|--|--------------|
| <b>WHO-PCB-TEQ (excluding LOQ)</b>     | <b>0,005</b> |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b> | <b>0,005</b> |
| <b>WHO-PCB-TEQ (including LOQ)</b>     | <b>0,006</b> |



|                   |          |                |                      |
|-------------------|----------|----------------|----------------------|
| <b>Sample ID:</b> | 417/01-6 | <b>Matrix:</b> | 012 soyabean oilcake |
|                   |          | <b>Region:</b> | IMPORT               |

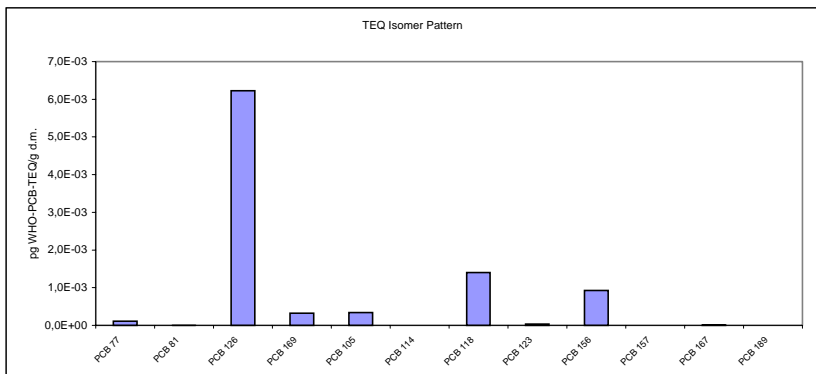
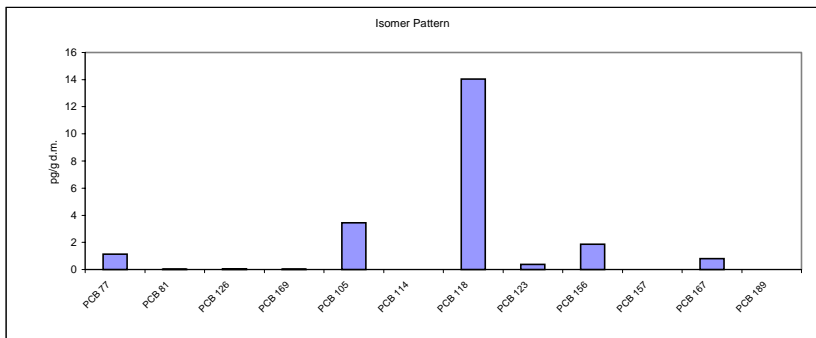
**Mixed Sample Composition**

no. individ. samples: 15  
 individual sample ID: 012-I-MSUR-1 to 012-I-MSUR-5, I-MSUR-6, I-MSUR-8  
 012-I-NAFTA-1, I-NAFTA-2, I-NAFTA-7 to I-NAFTA-10  
 012-I-OTH-1 to 012-I-OTH-2

dry matter (%): 88,19

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |     |
|---------|-----------|--|-----|
| PCB 77  | 1,10      | 103  |     |
| PCB 81  | 0,02      |  |     |
| PCB 126 | 0,06      | 109  |     |
| PCB 169 | 0,03      | 103  |     |
| PCB 105 | 3,50      | 108  |     |
| PCB 114 | <         | 0,20   |     |
| PCB 118 | 14,00     | 102  |     |
| PCB 123 | 0,38      |  |     |
| PCB 156 | 1,90      | 104  |     |
| PCB 157 | <         | 0,20   |     |
| PCB 167 | 0,81      | 90   |     |
| PCB 189 | <         | 0,20   | 103 |

**WHO-PCB-TEQ (excluding LOQ) 0,009**  
**WHO-PCB-TEQ (including 1/2 LOQ) 0,010**  
**WHO-PCB-TEQ (including LOQ) 0,010**



9.5.13

Rape and Mustardseed

| <b>Sample ID:</b>  | 410/01-12                            | <b>Matrix:</b>       | 013 rape/mustardseed                        |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
|--|--------------------------------------|----------------------|---|--------------|--------------------------------------|--------|---------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---|---------|---------|---------|---|---------|---------|---------|---|---------|-----|---------|---|
|  |                                      | <b>Region:</b>       | AUGE  |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
| <b>Mixed Sample Composition</b>  |                                      |                      |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
| no. individ. samples:  | 25                                   |                      |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
| individual sample ID:  | 013-A-A-1                            |                      |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
|  | 013-A-N-1 to 013-A-N-15              |                      |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
|  | 013-A-S-1 to 013-A-S-9               |                      |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
| fat content (%):   | 37,6                                 |                      |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
| <b>Results</b>   | <b>pg/g fat</b>                      | <b>Recovery rate</b> | <b><sup>13</sup>C<sub>12</sub> standard</b> |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
| PCB 77   | 5,8                                  | 82                   |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
| PCB 81   | 0,4                                  |                      |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
| PCB 126  | 0,7                                  | 95                   |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
| PCB 169  | 0,4                                  | 97                   |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
| PCB 105  | 26                                   | 88                   |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
| PCB 114  | <                                    | 4,0                  |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
| PCB 118  | 140                                  | 82                   |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
| PCB 123  | <                                    | 4,0                  |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
| PCB 156  | 12                                   | 85                   |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
| PCB 157  | <                                    | 4,0                  |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
| PCB 167  | 4,8                                  | 74                   |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
| PCB 189  | <                                    | 4,0                  |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
| <b>WHO-PCB-TEQ</b>   | <b>0,10</b>                          |                      |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
| <b>(excluding LOQ)</b>   |                                      |                      |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
| <b>WHO-PCB-TEQ</b>   | <b>0,10</b>                          |                      |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
| <b>(including 1/2 LOQ)</b>   |                                      |                      |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
| <b>WHO-PCB-TEQ</b>   | <b>0,10</b>                          |                      |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
| <b>(including LOQ)</b>   |                                      |                      |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
| <table border="1"> <caption>Isomer Pattern Data</caption> <thead> <tr> <th>PCB Congener</th> <th>Concentration (pg/g fat)</th> </tr> </thead> <tbody> <tr><td>PCB 77</td><td>5,8</td></tr> <tr><td>PCB 81</td><td>0,4</td></tr> <tr><td>PCB 126</td><td>0,7</td></tr> <tr><td>PCB 169</td><td>0,4</td></tr> <tr><td>PCB 105</td><td>26</td></tr> <tr><td>PCB 114</td><td>&lt;</td></tr> <tr><td>PCB 118</td><td>140</td></tr> <tr><td>PCB 123</td><td>&lt;</td></tr> <tr><td>PCB 156</td><td>12</td></tr> <tr><td>PCB 157</td><td>&lt;</td></tr> <tr><td>PCB 167</td><td>4,8</td></tr> <tr><td>PCB 189</td><td>&lt;</td></tr> </tbody> </table>  |                                      |                      |   | PCB Congener | Concentration (pg/g fat)             | PCB 77 | 5,8     | PCB 81 | 0,4     | PCB 126 | 0,7     | PCB 169 | 0,4     | PCB 105 | 26      | PCB 114 | < | PCB 118 | 140     | PCB 123 | < | PCB 156 | 12      | PCB 157 | < | PCB 167 | 4,8 | PCB 189 | < |
| PCB Congener   | Concentration (pg/g fat)             |                      |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
| PCB 77   | 5,8                                  |                      |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
| PCB 81   | 0,4                                  |                      |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
| PCB 126  | 0,7                                  |                      |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
| PCB 169  | 0,4                                  |                      |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
| PCB 105  | 26                                   |                      |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
| PCB 114  | <                                    |                      |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
| PCB 118  | 140                                  |                      |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
| PCB 123  | <                                    |                      |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
| PCB 156  | 12                                   |                      |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
| PCB 157  | <                                    |                      |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
| PCB 167  | 4,8                                  |                      |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
| PCB 189  | <                                    |                      |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
| <table border="1"> <caption>TEQ Isomer Pattern Data</caption> <thead> <tr> <th>PCB Congener</th> <th>Concentration (pg WHO-PCB-TEQ/g fat)</th> </tr> </thead> <tbody> <tr><td>PCB 77</td><td>~0,0001</td></tr> <tr><td>PCB 81</td><td>~0,0001</td></tr> <tr><td>PCB 126</td><td>7,0E-02</td></tr> <tr><td>PCB 169</td><td>~0,0005</td></tr> <tr><td>PCB 105</td><td>~0,0005</td></tr> <tr><td>PCB 114</td><td>&lt;</td></tr> <tr><td>PCB 118</td><td>~0,0015</td></tr> <tr><td>PCB 123</td><td>&lt;</td></tr> <tr><td>PCB 156</td><td>~0,0005</td></tr> <tr><td>PCB 157</td><td>&lt;</td></tr> <tr><td>PCB 167</td><td>&lt;</td></tr> <tr><td>PCB 189</td><td>&lt;</td></tr> </tbody> </table> |                                      |                      |   | PCB Congener | Concentration (pg WHO-PCB-TEQ/g fat) | PCB 77 | ~0,0001 | PCB 81 | ~0,0001 | PCB 126 | 7,0E-02 | PCB 169 | ~0,0005 | PCB 105 | ~0,0005 | PCB 114 | < | PCB 118 | ~0,0015 | PCB 123 | < | PCB 156 | ~0,0005 | PCB 157 | < | PCB 167 | <   | PCB 189 | < |
| PCB Congener   | Concentration (pg WHO-PCB-TEQ/g fat) |                      |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
| PCB 77   | ~0,0001                              |                      |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
| PCB 81   | ~0,0001                              |                      |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
| PCB 126  | 7,0E-02                              |                      |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
| PCB 169  | ~0,0005                              |                      |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
| PCB 105  | ~0,0005                              |                      |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
| PCB 114  | <                                    |                      |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
| PCB 118  | ~0,0015                              |                      |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
| PCB 123  | <                                    |                      |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
| PCB 156  | ~0,0005                              |                      |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
| PCB 157  | <                                    |                      |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
| PCB 167  | <                                    |                      |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |
| PCB 189  | <                                    |                      |   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |     |         |   |

|                   |           |                |                      |
|-------------------|-----------|----------------|----------------------|
| <b>Sample ID:</b> | 412/01-12 | <b>Matrix:</b> | 013 rape/mustardseed |
|                   |           | <b>Region:</b> | SCAN                 |

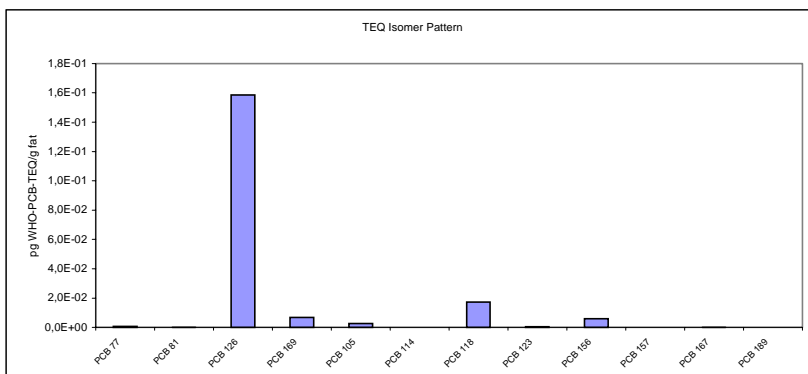
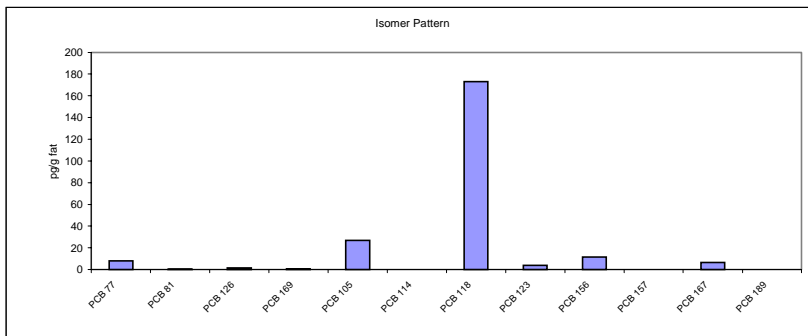
**Mixed Sample Composition**

no. individ. samples: 4  
 individual sample ID: 013-S-D-1 to 013-S-D-2  
 013-S-F-1  
 013-S-S-1

fat content (%): 39,4

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |    |
|---------|----------|---|----|
| PCB 77  | 8,0      | 87  |    |
| PCB 81  | 0,5      |   |    |
| PCB 126 | 1,6      | 100   |    |
| PCB 169 | 0,7      | 103   |    |
| PCB 105 | 27       | 93  |    |
| PCB 114 | <        | 4,0   |    |
| PCB 118 | 170      | 84  |    |
| PCB 123 | 4,0      |   |    |
| PCB 156 | 12       | 89  |    |
| PCB 157 | <        | 4,0   |    |
| PCB 167 | 6,6      | 76  |    |
| PCB 189 | <        | 4,0   | 86 |

**WHO-PCB-TEQ** **0,19**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,19**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,20**  
 (including LOQ)



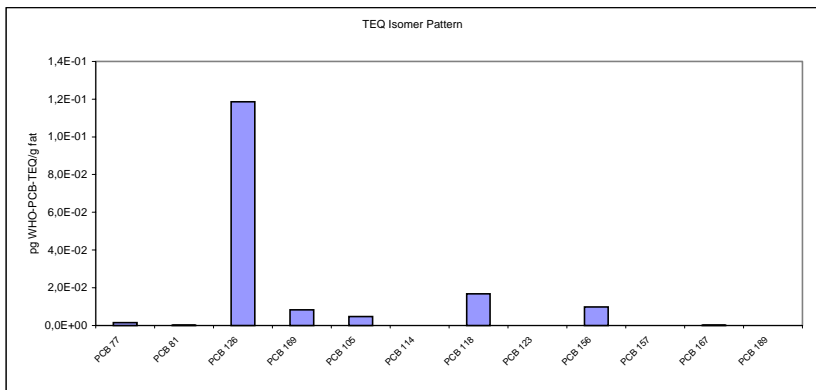
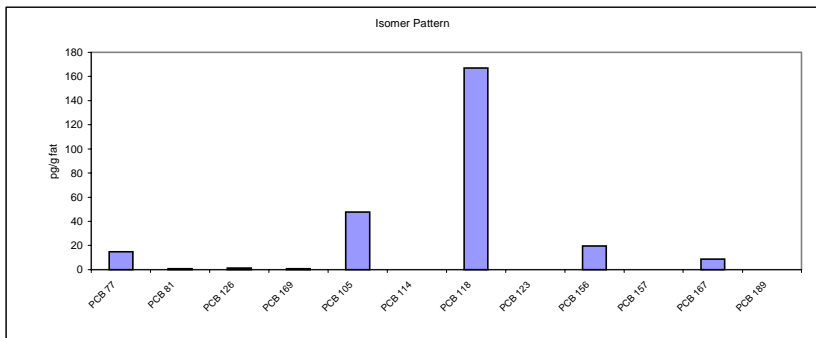
|                   |           |                |                      |
|-------------------|-----------|----------------|----------------------|
| <b>Sample ID:</b> | 413/01-12 | <b>Matrix:</b> | 013 rape/mustardseed |
|                   |           | <b>Region:</b> | FRANCE               |

**Mixed Sample Composition**

no. individ. samples: 8  
 individual sample ID: 013-F-N-1 to 013-F-N-7  
 013-F-S-1  
 fat content (%): 42,7

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 15       | 84  |
| PCB 81  | 0,7      |   |
| PCB 126 | 1,2      | 120   |
| PCB 169 | 0,8      | 103   |
| PCB 105 | 48       | 92  |
| PCB 114 | <        | 4,0   |
| PCB 118 | 170      | 88  |
| PCB 123 | <        | 4,0   |
| PCB 156 | 20       | 87  |
| PCB 157 | <        | 4,0   |
| PCB 167 | 8,6      | 85  |
| PCB 189 | <        | 4,0   |

**WHO-PCB-TEQ** (excluding LOQ) **0,16**  
**WHO-PCB-TEQ** (including 1/2 LOQ) **0,16**  
**WHO-PCB-TEQ** (including LOQ) **0,16**



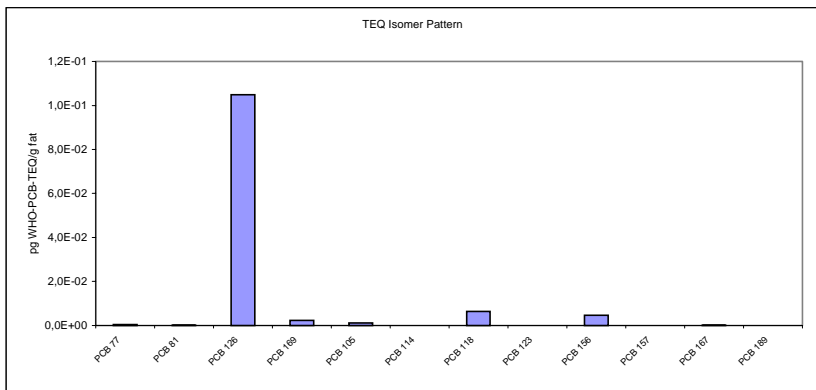
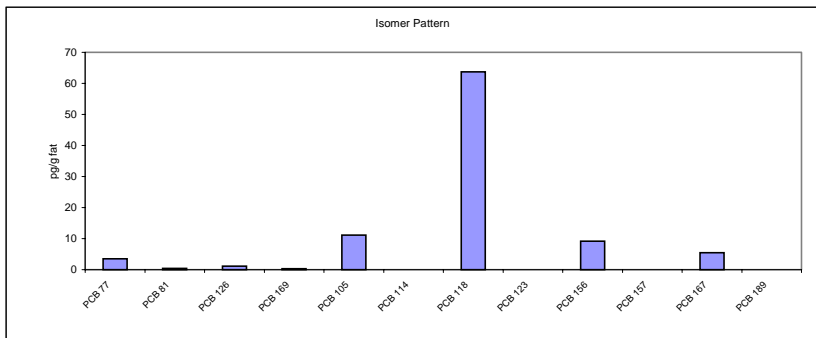
|                   |           |                |                      |
|-------------------|-----------|----------------|----------------------|
| <b>Sample ID:</b> | 414/01-12 | <b>Matrix:</b> | 013 rape/mustardseed |
|                   |           | <b>Region:</b> | POSP                 |

**Mixed Sample Composition**

no. individ. samples: 2  
 individual sample ID: 013-P-N-1  
 013-P-S-1  
 fat content (%): 43,04

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |    |
|---------|----------|---|----|
| PCB 77  | 3,4      | 84  |    |
| PCB 81  | 0,4      |   |    |
| PCB 126 | 1,0      | 108   |    |
| PCB 169 | 0,2      | 106   |    |
| PCB 105 | 11       | 90  |    |
| PCB 114 | <        | 4,0   |    |
| PCB 118 | 64       | 83  |    |
| PCB 123 | <        | 4,0   |    |
| PCB 156 | 9,1      | 89  |    |
| PCB 157 | <        | 4,0   |    |
| PCB 167 | 5,5      | 78  |    |
| PCB 189 | <        | 4,0   | 88 |

**WHO-PCB-TEQ** (excluding LOQ) **0,12**  
**WHO-PCB-TEQ** (including 1/2 LOQ) **0,12**  
**WHO-PCB-TEQ** (including LOQ) **0,12**



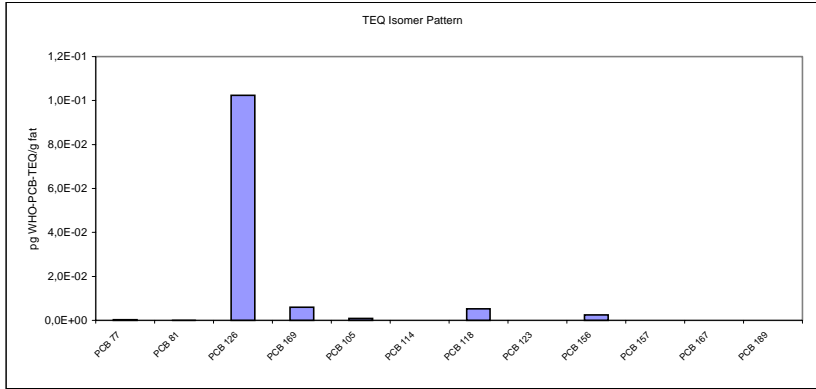
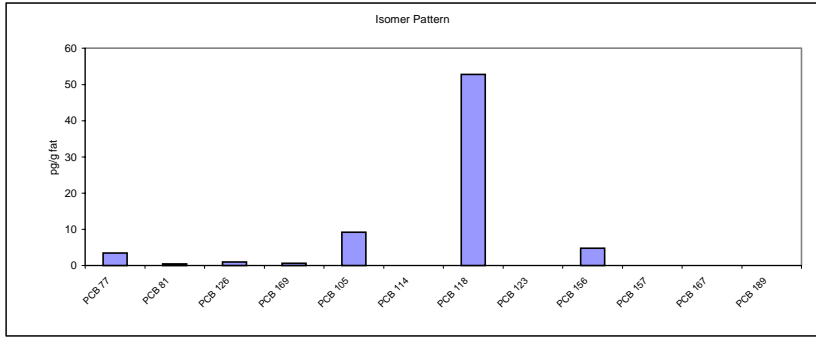
|                   |           |                |                      |
|-------------------|-----------|----------------|----------------------|
| <b>Sample ID:</b> | 416/01-12 | <b>Matrix:</b> | 013 rape/mustardseed |
|                   |           | <b>Region:</b> | IRUK                 |

**Mixed Sample Composition**

no. individ. samples: 2  
 individual sample ID: 013-I-S-1 to 013-I-S-2  
 fat content (%): 43,77

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 3,5      | 95  |
| PCB 81  | 0,4      |   |
| PCB 126 | 1,0      | 110   |
| PCB 169 | 0,6      | 113   |
| PCB 105 | 9,2      | 112   |
| PCB 114 | <        | 4,0   |
| PCB 118 | 53       | 92  |
| PCB 123 | <        | 4,0   |
| PCB 156 | 4,8      | 98  |
| PCB 157 | <        | 4,0   |
| PCB 167 | <        | 4,0   |
| PCB 189 | <        | 4,0   |

**WHO-PCB-TEQ** **0,12**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,12**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,12**  
 (including LOQ)



|                   |          |                |                      |
|-------------------|----------|----------------|----------------------|
| <b>Sample ID:</b> | 417/01-7 | <b>Matrix:</b> | 013 rape/mustardseed |
|                   |          | <b>Region:</b> | IMPORT               |

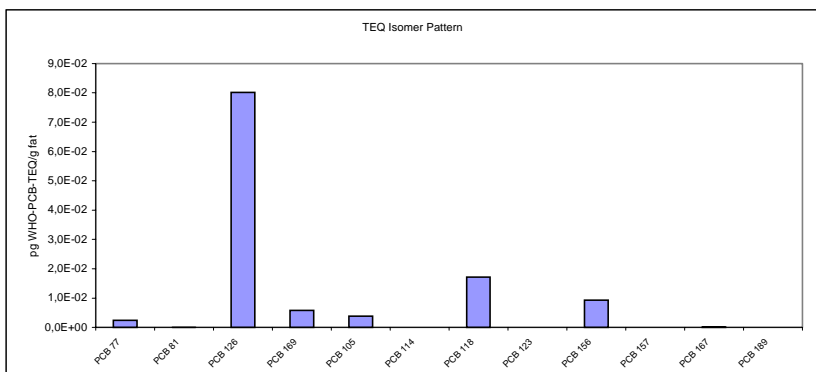
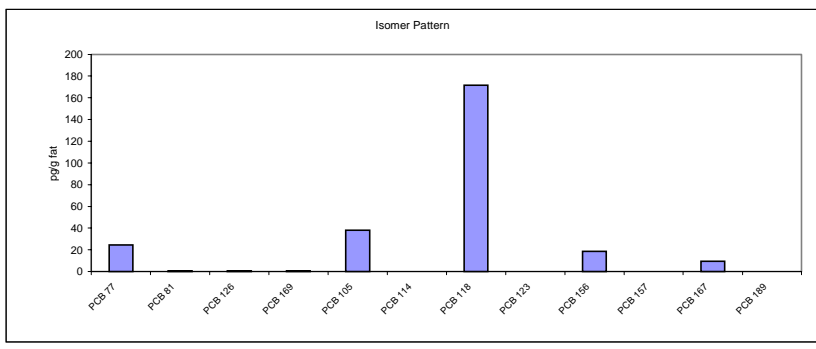
**Mixed Sample Composition**

no. individ. samples: 3  
 individual sample ID: 013-I-NAFTA-4  
 013-I-OTH-1  
 013-I-#-1

fat content (%): 25,92

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |    |
|---------|----------|---|----|
| PCB 77  | 25       | 92  |    |
| PCB 81  | 0,6      |   |    |
| PCB 126 | 0,8      | 113   |    |
| PCB 169 | 0,6      | 112   |    |
| PCB 105 | 38       | 103   |    |
| PCB 114 | <        | 4,0   |    |
| PCB 118 | 170      | 96  |    |
| PCB 123 | 4,0      |   |    |
| PCB 156 | 19       | 98  |    |
| PCB 157 | <        | 4,0   |    |
| PCB 167 | 9,5      | 89  |    |
| PCB 189 | <        | 4,0   | 99 |

|   |             |
|---|-------------|
| <b>WHO-PCB-TEQ</b><br>(excluding LOQ)     | <b>0,12</b> |
| <b>WHO-PCB-TEQ</b><br>(including 1/2 LOQ) | <b>0,12</b> |
| <b>WHO-PCB-TEQ</b><br>(including LOQ)     | <b>0,12</b> |



9.5.14

Rape Oil

|  |   |   |              |
|--|---|---|--------------|
| <b>Sample ID:</b>                          | 410/01-13   | <b>Matrix:</b>  | 014 rape oil |
|  |   | <b>Region:</b>  | AUGE         |
| <b>Mixed Sample Composition</b>            |   |   |              |
| no. individ. samples:                      | 25  |   |              |
| individual sample ID:                      | 014-A-A-1<br>014-A-N-1 to 014-A-N-16<br>014-A-S-1,A-S-2, A-S-R1, 014-A-S-5 to 014-A-S-9 |   |              |
| fat content (%):                           | 100   |   |              |
| <b>Results</b>                             | <b>pg/g fat</b>   | <b>Recovery rate<br/><sup>13</sup>C<sub>12</sub> standard</b> |              |
| PCB 77                                     | 6,8   | 66  |              |
| PCB 81                                     | 0,4   |   |              |
| PCB 126                                    | 0,4   | 78  |              |
| PCB 169                                    | <   | 80  |              |
| PCB 105                                    | 49  | 70  |              |
| PCB 114                                    | 4,1   |   |              |
| PCB 118                                    | 250   | 66  |              |
| PCB 123                                    | <   | 4,0   |              |
| PCB 156                                    | 21  | 70  |              |
| PCB 157                                    | <   | 4,0   |              |
| PCB 167                                    | 10  | 63  |              |
| PCB 189                                    | <   | 4,0   |              |
| <b>WHO-PCB-TEQ<br/>(excluding LOQ)</b>     | <b>0,08</b>   |   |              |
| <b>WHO-PCB-TEQ<br/>(including 1/2 LOQ)</b> | <b>0,09</b>   |   |              |
| <b>WHO-PCB-TEQ<br/>(including LOQ)</b>     | <b>0,09</b>   |   |              |
|  |   |   |              |
|  |   |   |              |

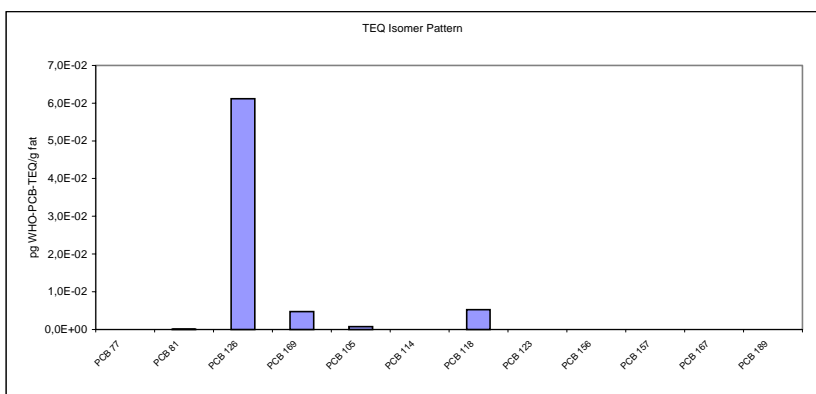
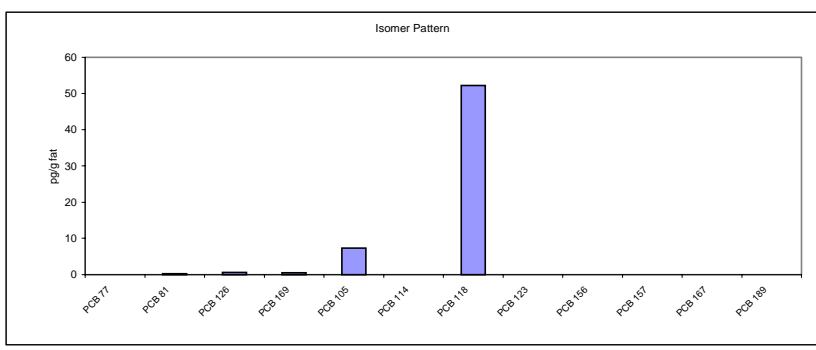
|                   |           |                |              |
|-------------------|-----------|----------------|--------------|
| <b>Sample ID:</b> | 411/01-12 | <b>Matrix:</b> | 014 Rape oil |
|                   |           | <b>Region:</b> | BENE         |

**Mixed Sample Composition**

no. individ. samples: 7  
 individual sample ID: 014-B-B-1 to 014-B-B-4  
 014-B-N-1 to 014-B-N-3  
 fat content (%): 100

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | <        | 1,0   |
| PCB 81  |          | 0,3   |
| PCB 126 |          | 0,6   |
| PCB 169 |          | 0,5   |
| PCB 105 |          | 7,3   |
| PCB 114 | <        | 4,0   |
| PCB 118 |          | 52  |
| PCB 123 | <        | 4,0   |
| PCB 156 | <        | 4,0   |
| PCB 157 | <        | 4,0   |
| PCB 167 | <        | 4,0   |
| PCB 189 | <        | 4,0   |
|         |          | 95  |
|         |          | 107   |
|         |          | 82  |
|         |          | 95  |
|         |          | 91  |
|         |          | 87  |
|         |          | 108   |
|         |          | 73  |

|  |             |
|--|-------------|
| <b>WHO-PCB-TEQ (excluding LOQ)</b>     | <b>0,07</b> |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b> | <b>0,08</b> |
| <b>WHO-PCB-TEQ (including LOQ)</b>     | <b>0,08</b> |



|                   |           |                |              |
|-------------------|-----------|----------------|--------------|
| <b>Sample ID:</b> | 412/01-13 | <b>Matrix:</b> | 014 Rape oil |
|                   |           | <b>Region:</b> | SCAN         |

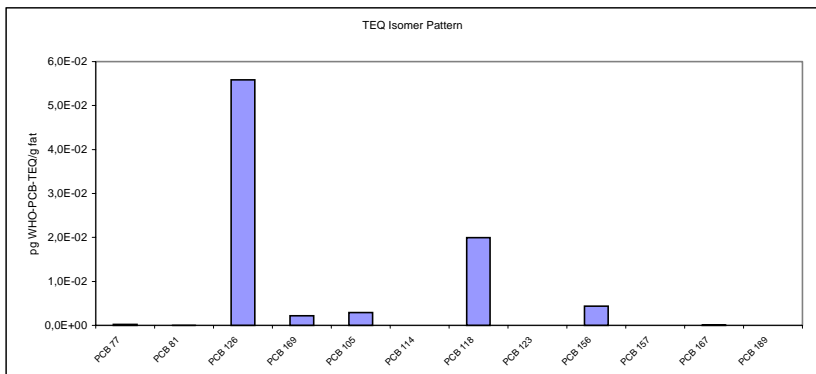
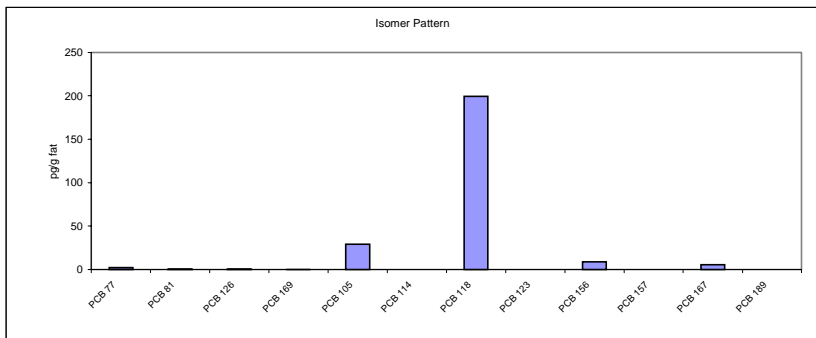
**Mixed Sample Composition**

no. individ. samples: 8  
 individual sample ID: 014-S-D-1 to 014-S-D-3  
 014-S-F-1 to 014-S-D-2  
 014-S-S-1 to 014-S-S-3

fat content (%): 99,96

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 2,4      | 70  |
| PCB 81  | 0,4      |   |
| PCB 126 | 0,6      | 88  |
| PCB 169 | 0,2      | 85  |
| PCB 105 | 29       | 76  |
| PCB 114 | <        | 4,0   |
| PCB 118 | 200      | 71  |
| PCB 123 | <        | 4,0   |
| PCB 156 | 8,8      | 75  |
| PCB 157 | <        | 4,0   |
| PCB 167 | 5,5      | 66  |
| PCB 189 | <        | 4,0   |

**WHO-PCB-TEQ** **0,09**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,09**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,09**  
 (including LOQ)



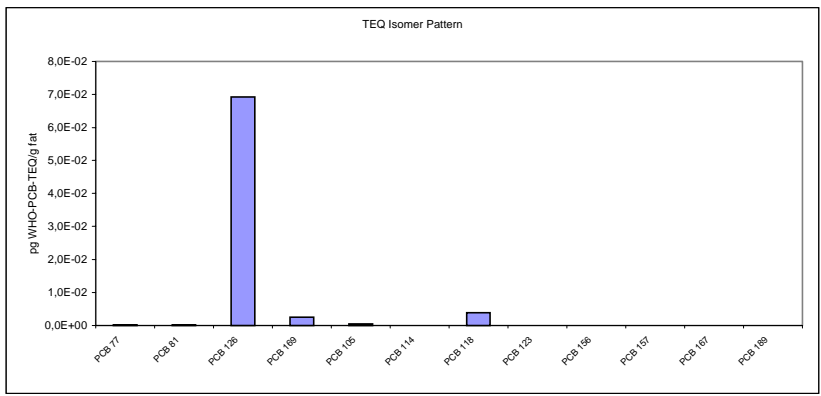
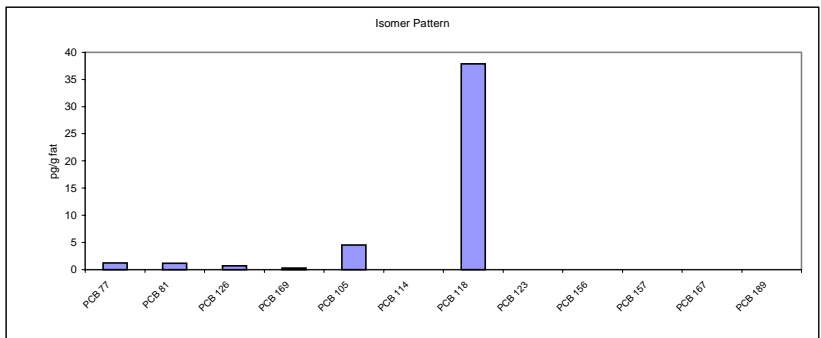
|                   |           |                |              |
|-------------------|-----------|----------------|--------------|
| <b>Sample ID:</b> | 413/01-13 | <b>Matrix:</b> | 014 Rape oil |
|                   |           | <b>Region:</b> | France       |

**Mixed Sample Composition**

no. individ. samples: 13  
 individual sample ID: 014-F-N-1 to 014-F-N-11  
 014-F-S-1 to 014-F-S-2  
 fat content (%): 99,86

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 1,2      | 68  |
| PCB 81  | 1,1      |   |
| PCB 126 | 0,7      | 92  |
| PCB 169 | 0,3      | 83  |
| PCB 105 | 4,5      | 84  |
| PCB 114 | <        | 4,0   |
| PCB 118 | 38       | 75  |
| PCB 123 | <        | 4,0   |
| PCB 156 | <        | 4,0   |
| PCB 157 | <        | 4,0   |
| PCB 167 | <        | 4,0   |
| PCB 189 | <        | 4,0   |

**WHO-PCB-TEQ** (excluding LOQ) **0,08**  
**WHO-PCB-TEQ** (including 1/2 LOQ) **0,08**  
**WHO-PCB-TEQ** (including LOQ) **0,08**



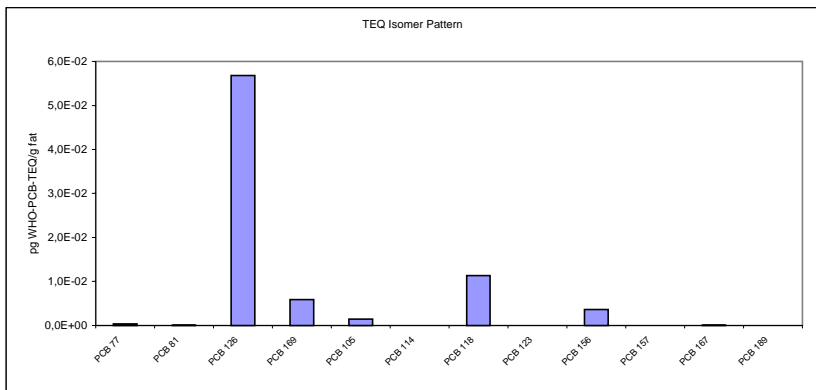
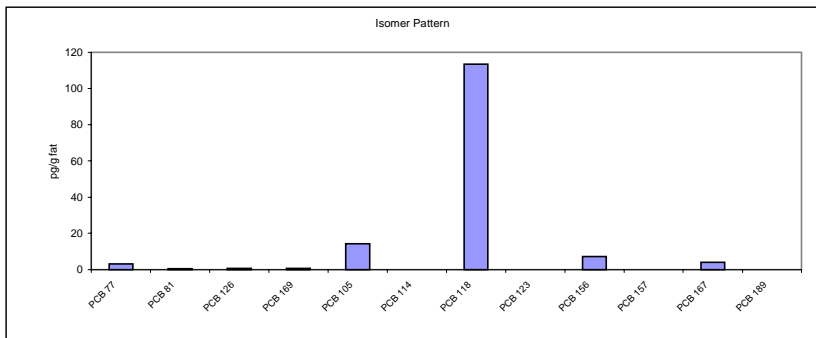
|                   |           |                |              |
|-------------------|-----------|----------------|--------------|
| <b>Sample ID:</b> | 414/01-13 | <b>Matrix:</b> | 014 Rape oil |
|                   |           | <b>Region:</b> | POSP         |

**Mixed Sample Composition**

no. individ. samples: 2  
 individual sample ID: 014-P-N-1  
 014-P-S-1  
 fat content (%): 100

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 3,1      | 83  |
| PCB 81  | 0,4      |   |
| PCB 126 | 0,6      | 104   |
| PCB 169 | 0,6      | 97  |
| PCB 105 | 14       | 96  |
| PCB 114 | <        | 4,0   |
| PCB 118 | 110      | 87  |
| PCB 123 | <        | 4,0   |
| PCB 156 | 7,2      | 87  |
| PCB 157 | <        | 4,0   |
| PCB 167 | 4,0      | 81  |
| PCB 189 | <        | 4,0   |

**WHO-PCB-TEQ** (excluding LOQ) **0,08**  
**WHO-PCB-TEQ** (including 1/2 LOQ) **0,08**  
**WHO-PCB-TEQ** (including LOQ) **0,08**



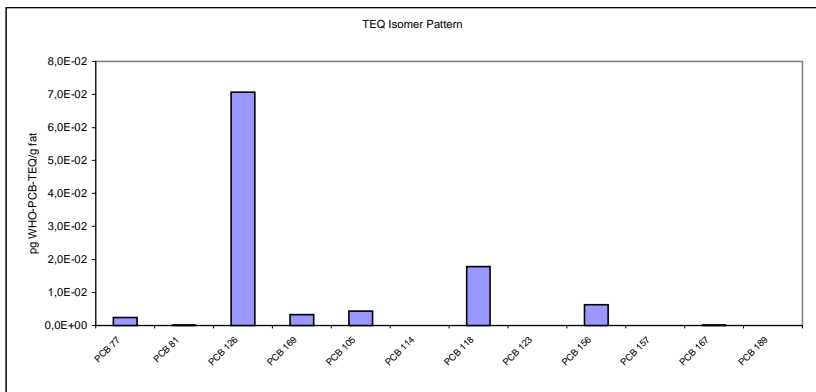
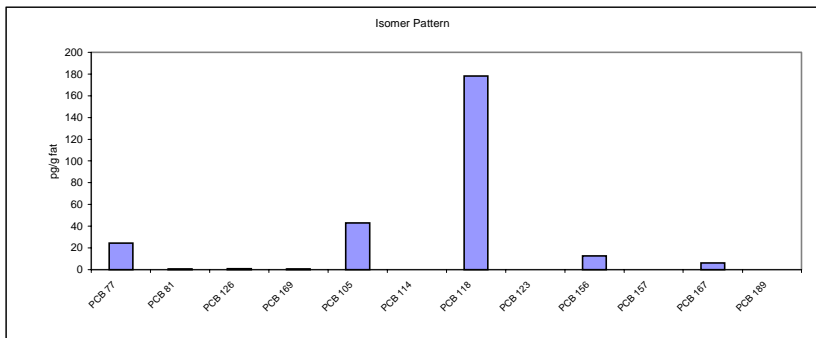
|                   |           |                |              |
|-------------------|-----------|----------------|--------------|
| <b>Sample ID:</b> | 416/01-13 | <b>Matrix:</b> | 014 Rape oil |
|                   |           | <b>Region:</b> | IRUK         |

**Mixed Sample Composition**

no. individ. samples: 5  
 individual sample ID: 014-I-N-1 to 014-I-N-2  
 014-I-S-2 to 014-I-S-4  
 fat content (%): 99,94

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |    |
|---------|----------|---|----|
| PCB 77  | 24       | 80  |    |
| PCB 81  | 0,4      |   |    |
| PCB 126 | 0,7      | 89  |    |
| PCB 169 | 0,3      | 99  |    |
| PCB 105 | 43       | 77  |    |
| PCB 114 | <        | 4,0   |    |
| PCB 118 | 180      | 79  |    |
| PCB 123 | <        | 4,0   |    |
| PCB 156 | 13       | 86  |    |
| PCB 157 | <        | 4,0   |    |
| PCB 167 | 6,1      | 75  |    |
| PCB 189 | <        | 4,0   | 83 |

**WHO-PCB-TEQ** **0,10**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,11**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,11**  
 (including LOQ)



9.5.15

Rape Oilcake

| <b>Sample ID:</b>  | 410/01-14   | <b>Matrix:</b>  | 015 rape oilcake |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |
|--|---|---|------------------|--------------|-----------------------|--------|---------|--------|---------|---------|----------|---------|---------|---------|---------|---------|---|---------|----------|---------|---|---------|----------|---------|---|---------|---------|---------|---------|
|  |   | <b>Region:</b>  | AUGE             |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |
| <b>Mixed Sample Composition</b>  |   |   |                  |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |
| no. individ. samples:  | 16  |   |                  |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |
| individual sample ID:  | 015-A-A-1, 015-A-A-R1<br>015-A-N-1 to 015-A-N-13<br>015-A-S-1 |   |                  |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |
| dry matter (%):  | 90,3  |   |                  |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |
| <b>Results</b>   | <b>pg/g<br/>d.m.</b>  | <b>Recovery rate<br/><sup>13</sup>C<sub>12</sub> standard</b> |                  |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |
| PCB 77   | 1,50  | 83  |                  |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |
| PCB 81   | 0,04  |   |                  |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |
| PCB 126  | 0,08  | 108   |                  |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |
| PCB 169  | 0,05  | 93  |                  |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |
| PCB 105  | 2,90  | 90  |                  |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |
| PCB 114  | <   | 0,20  |                  |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |
| PCB 118  | 15,00   | 88  |                  |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |
| PCB 123  | <   | 0,20  |                  |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |
| PCB 156  | 2,30  | 91  |                  |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |
| PCB 157  | <   | 0,20  |                  |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |
| PCB 167  | 1,10  | 80  |                  |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |
| PCB 189  | 0,27  | 76  |                  |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |
| <b>WHO-PCB-TEQ<br/>(excluding LOQ)</b>   | <b>0,011</b>  |   |                  |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |
| <b>WHO-PCB-TEQ<br/>(including 1/2 LOQ)</b>   | <b>0,012</b>  |   |                  |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |
| <b>WHO-PCB-TEQ<br/>(including LOQ)</b>   | <b>0,012</b>  |   |                  |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |
| <b>Isomer Pattern</b>  |   |   |                  |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |
| <table border="1"> <caption>Isomer Pattern Data</caption> <thead> <tr> <th>PCB Congener</th> <th>pg/g d.m.</th> </tr> </thead> <tbody> <tr><td>PCB 77</td><td>1.50</td></tr> <tr><td>PCB 81</td><td>0.04</td></tr> <tr><td>PCB 126</td><td>0.08</td></tr> <tr><td>PCB 169</td><td>0.05</td></tr> <tr><td>PCB 105</td><td>2.90</td></tr> <tr><td>PCB 114</td><td>&lt;</td></tr> <tr><td>PCB 118</td><td>15.00</td></tr> <tr><td>PCB 123</td><td>&lt;</td></tr> <tr><td>PCB 156</td><td>2.30</td></tr> <tr><td>PCB 157</td><td>&lt;</td></tr> <tr><td>PCB 167</td><td>1.10</td></tr> <tr><td>PCB 189</td><td>0.27</td></tr> </tbody> </table>  |   |   |                  | PCB Congener | pg/g d.m.             | PCB 77 | 1.50    | PCB 81 | 0.04    | PCB 126 | 0.08     | PCB 169 | 0.05    | PCB 105 | 2.90    | PCB 114 | < | PCB 118 | 15.00    | PCB 123 | < | PCB 156 | 2.30     | PCB 157 | < | PCB 167 | 1.10    | PCB 189 | 0.27    |
| PCB Congener   | pg/g d.m.   |   |                  |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |
| PCB 77   | 1.50  |   |                  |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |
| PCB 81   | 0.04  |   |                  |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |
| PCB 126  | 0.08  |   |                  |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |
| PCB 169  | 0.05  |   |                  |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |
| PCB 105  | 2.90  |   |                  |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |
| PCB 114  | <   |   |                  |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |
| PCB 118  | 15.00   |   |                  |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |
| PCB 123  | <   |   |                  |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |
| PCB 156  | 2.30  |   |                  |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |
| PCB 157  | <   |   |                  |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |
| PCB 167  | 1.10  |   |                  |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |
| PCB 189  | 0.27  |   |                  |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |
| <b>TEQ Isomer Pattern</b>  |   |   |                  |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |
| <table border="1"> <caption>TEQ Isomer Pattern Data</caption> <thead> <tr> <th>PCB Congener</th> <th>pg WHO-PCB-TEQ/g d.m.</th> </tr> </thead> <tbody> <tr><td>PCB 77</td><td>~0.0001</td></tr> <tr><td>PCB 81</td><td>~0.0001</td></tr> <tr><td>PCB 126</td><td>~7.8E-03</td></tr> <tr><td>PCB 169</td><td>~0.0005</td></tr> <tr><td>PCB 105</td><td>~0.0005</td></tr> <tr><td>PCB 114</td><td>&lt;</td></tr> <tr><td>PCB 118</td><td>~1.5E-03</td></tr> <tr><td>PCB 123</td><td>&lt;</td></tr> <tr><td>PCB 156</td><td>~1.1E-03</td></tr> <tr><td>PCB 157</td><td>&lt;</td></tr> <tr><td>PCB 167</td><td>~0.0001</td></tr> <tr><td>PCB 189</td><td>~0.0001</td></tr> </tbody> </table> |   |   |                  | PCB Congener | pg WHO-PCB-TEQ/g d.m. | PCB 77 | ~0.0001 | PCB 81 | ~0.0001 | PCB 126 | ~7.8E-03 | PCB 169 | ~0.0005 | PCB 105 | ~0.0005 | PCB 114 | < | PCB 118 | ~1.5E-03 | PCB 123 | < | PCB 156 | ~1.1E-03 | PCB 157 | < | PCB 167 | ~0.0001 | PCB 189 | ~0.0001 |
| PCB Congener   | pg WHO-PCB-TEQ/g d.m.   |   |                  |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |
| PCB 77   | ~0.0001   |   |                  |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |
| PCB 81   | ~0.0001   |   |                  |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |
| PCB 126  | ~7.8E-03  |   |                  |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |
| PCB 169  | ~0.0005   |   |                  |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |
| PCB 105  | ~0.0005   |   |                  |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |
| PCB 114  | <   |   |                  |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |
| PCB 118  | ~1.5E-03  |   |                  |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |
| PCB 123  | <   |   |                  |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |
| PCB 156  | ~1.1E-03  |   |                  |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |
| PCB 157  | <   |   |                  |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |
| PCB 167  | ~0.0001   |   |                  |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |
| PCB 189  | ~0.0001   |   |                  |              |                       |        |         |        |         |         |          |         |         |         |         |         |   |         |          |         |   |         |          |         |   |         |         |         |         |

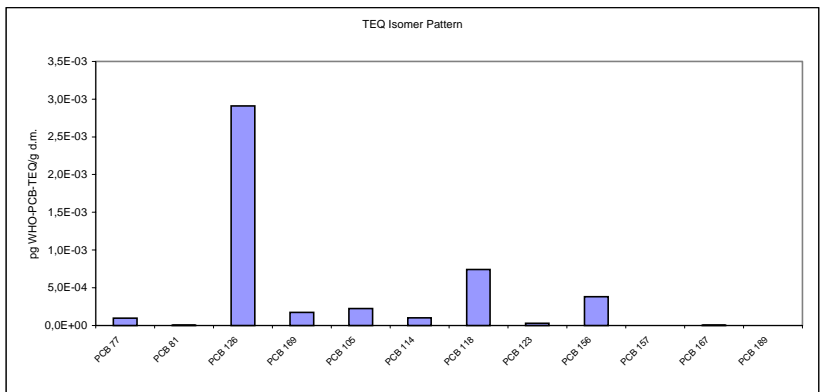
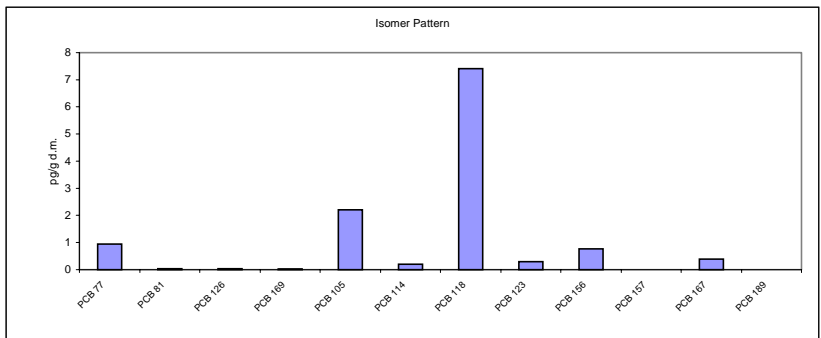
|                   |           |                |                  |
|-------------------|-----------|----------------|------------------|
| <b>Sample ID:</b> | 411/01-13 | <b>Matrix:</b> | 015 rape oilcake |
|                   |           | <b>Region:</b> | BENE             |

**Mixed Sample Composition**

no. individ. samples: 7  
 individual sample ID: 015-B-B-1 to 015-B-B-4  
 015-B-N-1 to 015-B-N-3  
 dry matter (%): 88,3

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |    |
|---------|-----------|--|----|
| PCB 77  | 0,95      | 88   |    |
| PCB 81  | 0,04      |  |    |
| PCB 126 | 0,03      | 114  |    |
| PCB 169 | 0,02      | 115  |    |
| PCB 105 | 2,20      | 93   |    |
| PCB 114 | 0,20      |  |    |
| PCB 118 | 7,40      | 91   |    |
| PCB 123 | 0,29      |  |    |
| PCB 156 | 0,76      | 95   |    |
| PCB 157 | <         | 0,20   |    |
| PCB 167 | 0,39      | 82   |    |
| PCB 189 | <         | 0,20   | 86 |

**WHO-PCB-TEQ (excluding LOQ) 0,005**  
**WHO-PCB-TEQ (including 1/2 LOQ) 0,005**  
**WHO-PCB-TEQ (including LOQ) 0,005**



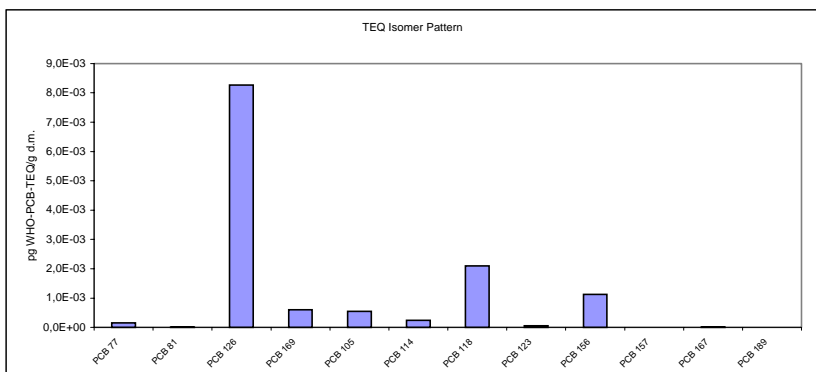
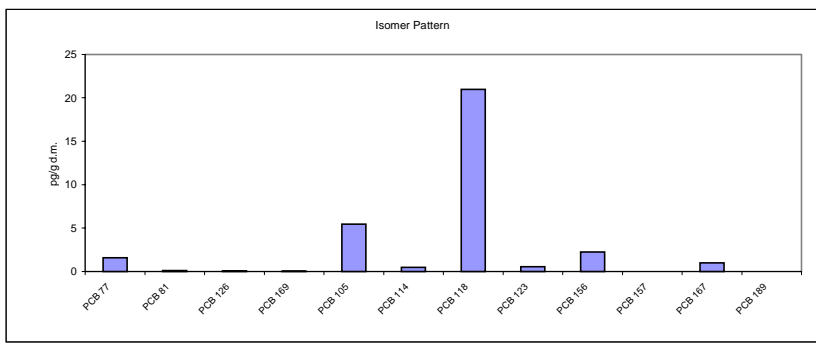
|                   |           |                |                  |
|-------------------|-----------|----------------|------------------|
| <b>Sample ID:</b> | 412/01-14 | <b>Matrix:</b> | 015 rape oilcake |
|                   |           | <b>Region:</b> | SCAN             |

**Mixed Sample Composition**

no. individ. samples: 7  
 individual sample ID: 015-S-D-1 to 015-S-D-3  
 015-S-F-1 to 015-S-F-2  
 015-S-S-1 to 015-S-S-2  
 dry matter (%): 90,7

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |    |
|---------|-----------|--|----|
| PCB 77  | 1,6       | 83   |    |
| PCB 81  | 0,1       |  |    |
| PCB 126 | 0,1       | 108  |    |
| PCB 169 | 0,1       | 102  |    |
| PCB 105 | 5,4       | 89   |    |
| PCB 114 | 0,5       |  |    |
| PCB 118 | 21        | 85   |    |
| PCB 123 | 0,6       |  |    |
| PCB 156 | 2,3       | 86   |    |
| PCB 157 | <         | 0,3  |    |
| PCB 167 | 1,0       | 78   |    |
| PCB 189 | <         | 0,3  | 85 |

**WHO-PCB-TEQ** **0,013**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,013**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,013**  
 (including LOQ)



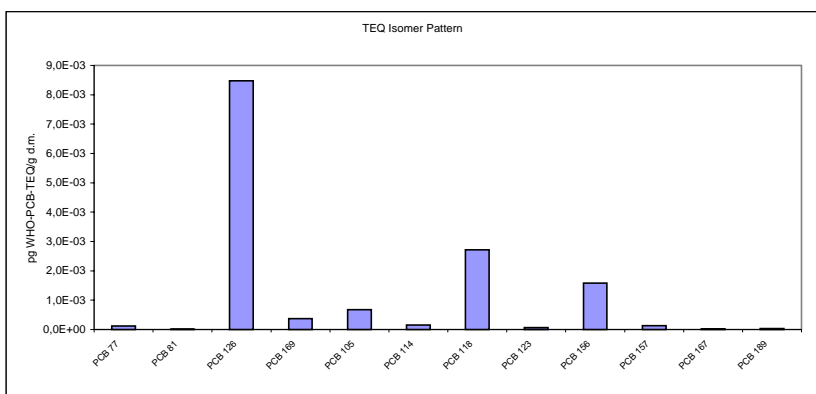
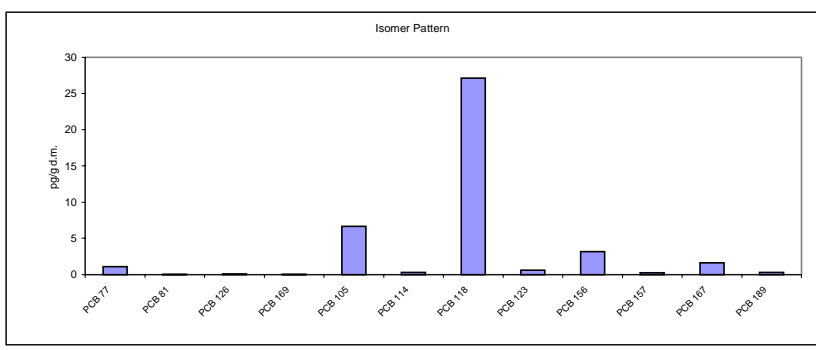
|                   |           |                |                  |
|-------------------|-----------|----------------|------------------|
| <b>Sample ID:</b> | 413/01-14 | <b>Matrix:</b> | 015 rape oilcake |
|                   |           | <b>Region:</b> | FRANCE           |

**Mixed Sample Composition**

no. individ. samples: 11  
 individual sample ID: 015-F-N-1 to 015-F-N-10  
 015-F-S-1  
 dry matter (%): 88,64

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |
|---------|-----------|--|
| PCB 77  | 1,10      | 85   |
| PCB 81  | 0,03      |  |
| PCB 126 | 0,08      | 106  |
| PCB 169 | 0,04      | 101  |
| PCB 105 | 6,70      | 90   |
| PCB 114 | 0,30      |  |
| PCB 118 | 27,00     | 84   |
| PCB 123 | 0,58      |  |
| PCB 156 | 3,20      | 85   |
| PCB 157 | 0,24      |  |
| PCB 167 | 1,60      | 77   |
| PCB 189 | 0,28      | 82   |

|  |              |
|--|--------------|
| <b>WHO-PCB-TEQ (excluding LOQ)</b>     | <b>0,014</b> |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b> | <b>0,014</b> |
| <b>WHO-PCB-TEQ (including LOQ)</b>     | <b>0,014</b> |



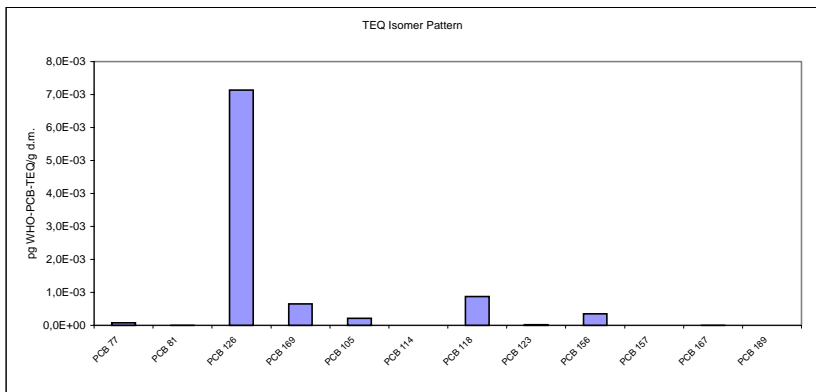
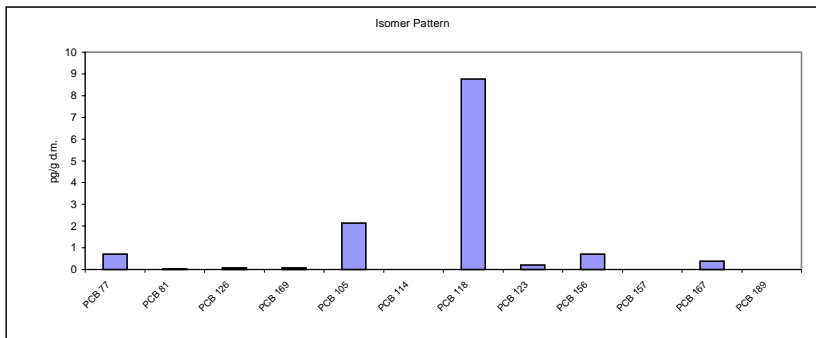
|                   |           |                |                  |
|-------------------|-----------|----------------|------------------|
| <b>Sample ID:</b> | 416/01-14 | <b>Matrix:</b> | 015 rape oilcake |
|                   |           | <b>Region:</b> | IRUK             |

**Mixed Sample Composition**

no. individ. samples: 1  
 individual sample ID: 015-I-S-1  
 dry matter (%): 89,74

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |    |
|---------|-----------|--|----|
| PCB 77  | 0,72      | 104  |    |
| PCB 81  | 0,03      |  |    |
| PCB 126 | 0,07      | 114  |    |
| PCB 169 | 0,06      | 106  |    |
| PCB 105 | 2,10      | 103  |    |
| PCB 114 | <         | 0,20   |    |
| PCB 118 | 8,80      | 103  |    |
| PCB 123 | 0,20      |  |    |
| PCB 156 | 0,70      | 97   |    |
| PCB 157 | <         | 0,20   |    |
| PCB 167 | 0,38      | 85   |    |
| PCB 189 | <         | 0,20   | 84 |

**WHO-PCB-TEQ** **0,009**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,009**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,010**  
 (including LOQ)



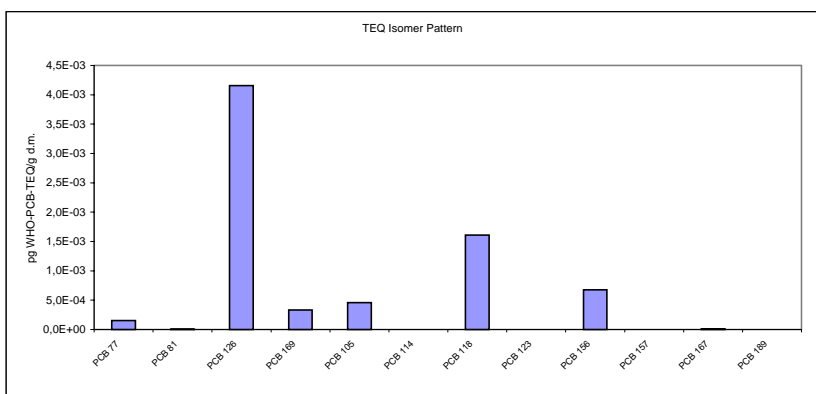
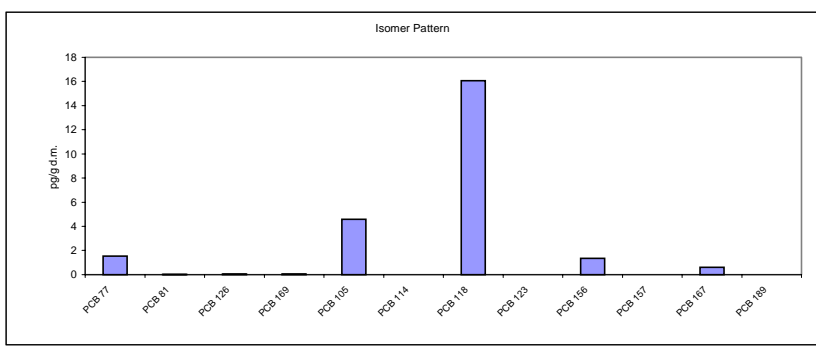
|                   |          |                |                  |
|-------------------|----------|----------------|------------------|
| <b>Sample ID:</b> | 417/01-8 | <b>Matrix:</b> | 015 rape oilcake |
|                   |          | <b>Region:</b> | IMPORT           |

**Mixed Sample Composition**

no. individ. samples: 2  
 individual sample ID: 015-I-OTH-1  
 015-I-MEC-R1  
 dry matter (%): 90,27

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |    |
|---------|-----------|--|----|
| PCB 77  | 1,50      | 104  |    |
| PCB 81  | 0,03      |  |    |
| PCB 126 | 0,04      | 108  |    |
| PCB 169 | 0,03      | 115  |    |
| PCB 105 | 4,60      | 107  |    |
| PCB 114 | <         | 0,20   |    |
| PCB 118 | 16,00     | 98   |    |
| PCB 123 | <         | 0,20   |    |
| PCB 156 | 1,40      | 96   |    |
| PCB 157 | <         | 0,20   |    |
| PCB 167 | 0,59      | 85   |    |
| PCB 189 | <         | 0,20   | 86 |

|  |              |
|--|--------------|
| <b>WHO-PCB-TEQ (excluding LOQ)</b>     | <b>0,007</b> |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b> | <b>0,008</b> |
| <b>WHO-PCB-TEQ (including LOQ)</b>     | <b>0,008</b> |



9.5.16

Sunflowerseed

| <b>Sample ID:</b>   | 410/01-15                            | <b>Matrix:</b>  | 016 Sunflowerseed |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |
|---|--------------------------------------|---|-------------------|--------------|--------------------------------------|--------|---------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---|---------|---------|---------|---|---------|---------|---------|---|---------|---------|---------|---|
|   |                                      | <b>Region:</b>  | AUGE              |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |
| <b>Mixed Sample Composition</b>   |                                      |   |                   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |
| no. individ. samples:   | 3                                    |   |                   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |
| individual sample ID:   | 016-A-A-1                            |   |                   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |
|   | 016-A-N-1                            |   |                   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |
|   | 016-A-S-1                            |   |                   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |
| fat content (%):  | 46,5                                 |   |                   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |
| <b>Results</b>  | <b>pg/g fat</b>                      | <b>Recovery rate<br/><sup>13</sup>C<sub>12</sub> standard</b> |                   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |
| PCB 77  | 5,0                                  | 87  |                   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |
| PCB 81  | 0,3                                  |   |                   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |
| PCB 126   | 0,7                                  | 118   |                   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |
| PCB 169   | 0,6                                  | 107   |                   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |
| PCB 105   | 11                                   | 95  |                   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |
| PCB 114   | <                                    | 4,0   |                   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |
| PCB 118   | 71                                   | 92  |                   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |
| PCB 123   | <                                    | 4,0   |                   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |
| PCB 156   | 9,8                                  | 98  |                   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |
| PCB 157   | <                                    | 4,0   |                   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |
| PCB 167   | 4,8                                  | 85  |                   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |
| PCB 189   | <                                    | 4,0   |                   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |
| <b>WHO-PCB-TEQ</b><br>(excluding LOQ)   | <b>0,08</b>                          |   |                   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |
| <b>WHO-PCB-TEQ</b><br>(including 1/2 LOQ)   | <b>0,09</b>                          |   |                   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |
| <b>WHO-PCB-TEQ</b><br>(including LOQ)   | <b>0,09</b>                          |   |                   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |
| <p>Isomer Pattern</p> <table border="1"> <caption>Data for Isomer Pattern</caption> <thead> <tr> <th>PCB Congener</th> <th>Concentration (pg/g fat)</th> </tr> </thead> <tbody> <tr><td>PCB 77</td><td>5,0</td></tr> <tr><td>PCB 81</td><td>0,3</td></tr> <tr><td>PCB 126</td><td>0,7</td></tr> <tr><td>PCB 169</td><td>0,6</td></tr> <tr><td>PCB 105</td><td>11</td></tr> <tr><td>PCB 114</td><td>&lt;</td></tr> <tr><td>PCB 118</td><td>71</td></tr> <tr><td>PCB 123</td><td>&lt;</td></tr> <tr><td>PCB 156</td><td>9,8</td></tr> <tr><td>PCB 157</td><td>&lt;</td></tr> <tr><td>PCB 167</td><td>4,8</td></tr> <tr><td>PCB 189</td><td>&lt;</td></tr> </tbody> </table>   |                                      |   |                   | PCB Congener | Concentration (pg/g fat)             | PCB 77 | 5,0     | PCB 81 | 0,3     | PCB 126 | 0,7     | PCB 169 | 0,6     | PCB 105 | 11      | PCB 114 | < | PCB 118 | 71      | PCB 123 | < | PCB 156 | 9,8     | PCB 157 | < | PCB 167 | 4,8     | PCB 189 | < |
| PCB Congener  | Concentration (pg/g fat)             |   |                   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |
| PCB 77  | 5,0                                  |   |                   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |
| PCB 81  | 0,3                                  |   |                   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |
| PCB 126   | 0,7                                  |   |                   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |
| PCB 169   | 0,6                                  |   |                   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |
| PCB 105   | 11                                   |   |                   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |
| PCB 114   | <                                    |   |                   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |
| PCB 118   | 71                                   |   |                   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |
| PCB 123   | <                                    |   |                   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |
| PCB 156   | 9,8                                  |   |                   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |
| PCB 157   | <                                    |   |                   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |
| PCB 167   | 4,8                                  |   |                   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |
| PCB 189   | <                                    |   |                   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |
| <p>TEQ Isomer Pattern</p> <table border="1"> <caption>Data for TEQ Isomer Pattern</caption> <thead> <tr> <th>PCB Congener</th> <th>Concentration (pg WHO-PCB-TEQ/g fat)</th> </tr> </thead> <tbody> <tr><td>PCB 77</td><td>~0,0005</td></tr> <tr><td>PCB 81</td><td>~0,0001</td></tr> <tr><td>PCB 126</td><td>6,5E-02</td></tr> <tr><td>PCB 169</td><td>~0,0005</td></tr> <tr><td>PCB 105</td><td>~0,0001</td></tr> <tr><td>PCB 114</td><td>&lt;</td></tr> <tr><td>PCB 118</td><td>~0,0005</td></tr> <tr><td>PCB 123</td><td>&lt;</td></tr> <tr><td>PCB 156</td><td>~0,0005</td></tr> <tr><td>PCB 157</td><td>&lt;</td></tr> <tr><td>PCB 167</td><td>~0,0005</td></tr> <tr><td>PCB 189</td><td>&lt;</td></tr> </tbody> </table> |                                      |   |                   | PCB Congener | Concentration (pg WHO-PCB-TEQ/g fat) | PCB 77 | ~0,0005 | PCB 81 | ~0,0001 | PCB 126 | 6,5E-02 | PCB 169 | ~0,0005 | PCB 105 | ~0,0001 | PCB 114 | < | PCB 118 | ~0,0005 | PCB 123 | < | PCB 156 | ~0,0005 | PCB 157 | < | PCB 167 | ~0,0005 | PCB 189 | < |
| PCB Congener  | Concentration (pg WHO-PCB-TEQ/g fat) |   |                   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |
| PCB 77  | ~0,0005                              |   |                   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |
| PCB 81  | ~0,0001                              |   |                   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |
| PCB 126   | 6,5E-02                              |   |                   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |
| PCB 169   | ~0,0005                              |   |                   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |
| PCB 105   | ~0,0001                              |   |                   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |
| PCB 114   | <                                    |   |                   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |
| PCB 118   | ~0,0005                              |   |                   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |
| PCB 123   | <                                    |   |                   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |
| PCB 156   | ~0,0005                              |   |                   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |
| PCB 157   | <                                    |   |                   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |
| PCB 167   | ~0,0005                              |   |                   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |
| PCB 189   | <                                    |   |                   |              |                                      |        |         |        |         |         |         |         |         |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |

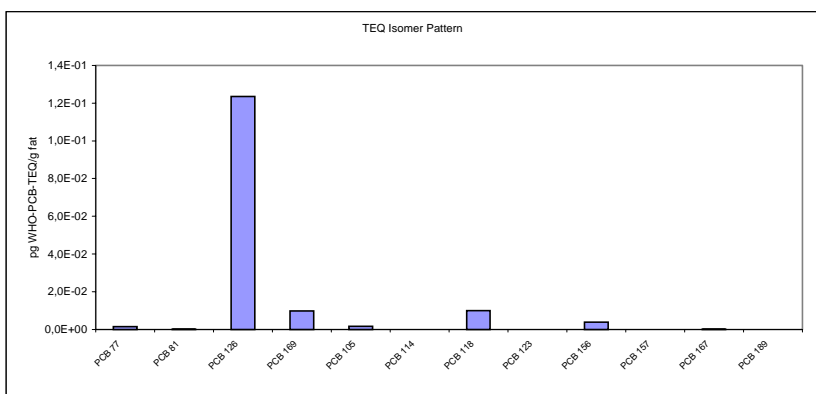
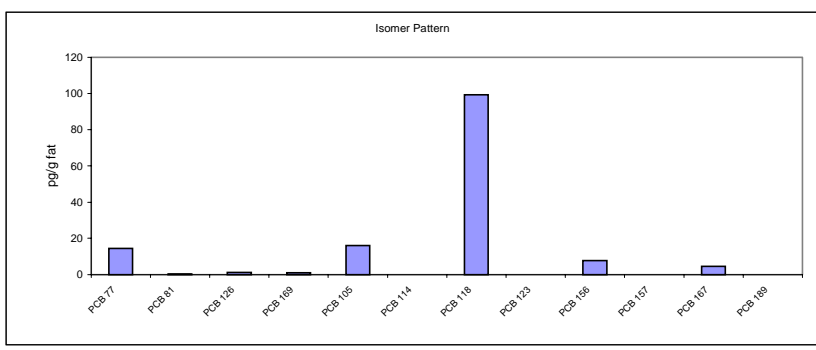
|                   |           |                |                   |
|-------------------|-----------|----------------|-------------------|
| <b>Sample ID:</b> | 413/01-15 | <b>Matrix:</b> | 016 Sunflowerseed |
|                   |           | <b>Region:</b> | FRANCE            |

**Mixed Sample Composition**

no. individ. samples: 25  
 individual sample ID: 016-F-N-1 to 016-F-N-20  
 016-F-S-1 to 025-F-S-5  
 fat content (%): 42

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |    |
|---------|----------|---|----|
| PCB 77  | 14       | 85  |    |
| PCB 81  | 0,3      |   |    |
| PCB 126 | 1,2      | 111   |    |
| PCB 169 | 1,0      | 101   |    |
| PCB 105 | 16       | 104   |    |
| PCB 114 | <        | 4,0   |    |
| PCB 118 | 99       | 92  |    |
| PCB 123 | <        | 4,0   |    |
| PCB 156 | 7,7      | 95  |    |
| PCB 157 | <        | 4,0   |    |
| PCB 167 | 4,6      | 80  |    |
| PCB 189 | <        | 4,0   | 98 |

**WHO-PCB-TEQ** (excluding LOQ) **0,15**  
**WHO-PCB-TEQ** (including 1/2 LOQ) **0,15**  
**WHO-PCB-TEQ** (including LOQ) **0,16**



|                   |           |                |                   |
|-------------------|-----------|----------------|-------------------|
| <b>Sample ID:</b> | 414/01-15 | <b>Matrix:</b> | 016 Sunflowerseed |
|                   |           | <b>Region:</b> | POSP              |

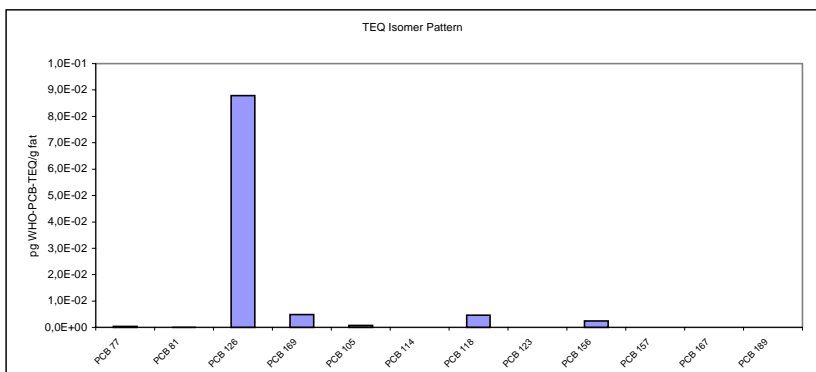
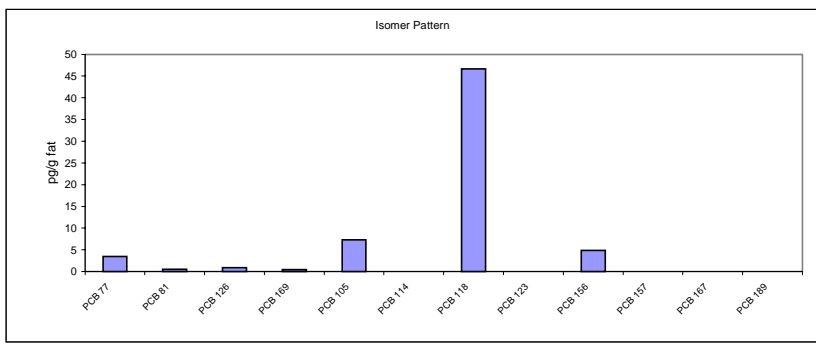
**Mixed Sample Composition**

no. individ. samples: 19  
 individual sample ID: 016-P-P-1  
 016-P-N-1 to 016-P-N-4  
 016-P-S-1 to 016-P-S-14

fat content (%): 50,6

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 3,5      | 80  |
| PCB 81  | 0,5      |   |
| PCB 126 | 0,9      | 110   |
| PCB 169 | 0,5      | 103   |
| PCB 105 | 7,3      | 90  |
| PCB 114 | <        | 4,0   |
| PCB 118 | 47       | 87  |
| PCB 123 | <        | 4,0   |
| PCB 156 | 4,9      | 88  |
| PCB 157 | <        | 4,0   |
| PCB 167 | <        | 4,0   |
| PCB 189 | <        | 4,0   |

**WHO-PCB-TEQ** **0,10**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,10**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,11**  
 (including LOQ)



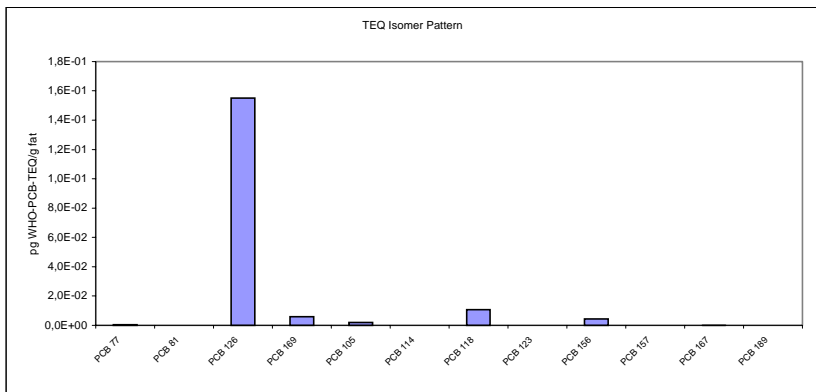
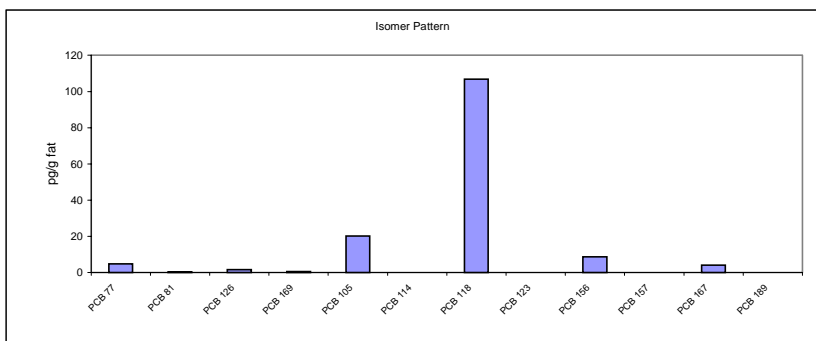
|                   |           |                |                   |
|-------------------|-----------|----------------|-------------------|
| <b>Sample ID:</b> | 415/01-13 | <b>Matrix:</b> | 016 Sunflowerseed |
|                   |           | <b>Region:</b> | GRIT              |

**Mixed Sample Composition**

no. individ. samples: 2  
 individual sample ID: 016-G-N-1 to 016-G-N-2  
 fat content (%): 48,9

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 4,7      | 80  |
| PCB 81  | 0,3      |   |
| PCB 126 | 1,5      | 106   |
| PCB 169 | 0,6      | 104   |
| PCB 105 | 20       | 101   |
| PCB 114 | <        | 4,0   |
| PCB 118 | 110      | 91  |
| PCB 123 | <        | 4,0   |
| PCB 156 | 8,7      | 93  |
| PCB 157 | <        | 4,0   |
| PCB 167 | 4,1      | 85  |
| PCB 189 | <        | 4,0   |

**WHO-PCB-TEQ** **0,18**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,18**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,18**  
 (including LOQ)



|                   |          |                |                   |
|-------------------|----------|----------------|-------------------|
| <b>Sample ID:</b> | 417/01-9 | <b>Matrix:</b> | 016 Sunflowerseed |
|                   |          | <b>Region:</b> | IMPORT            |

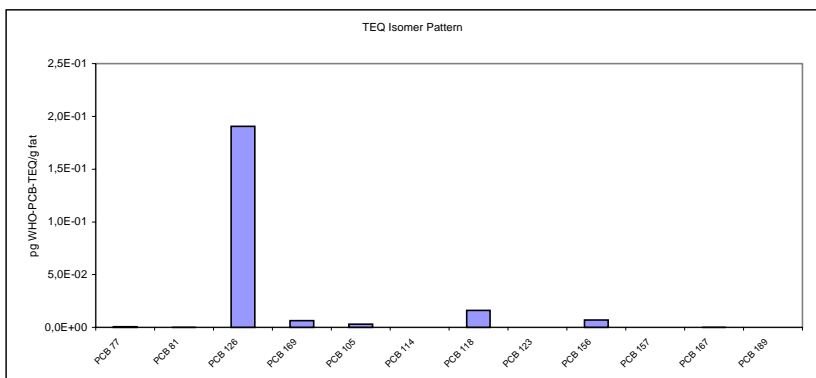
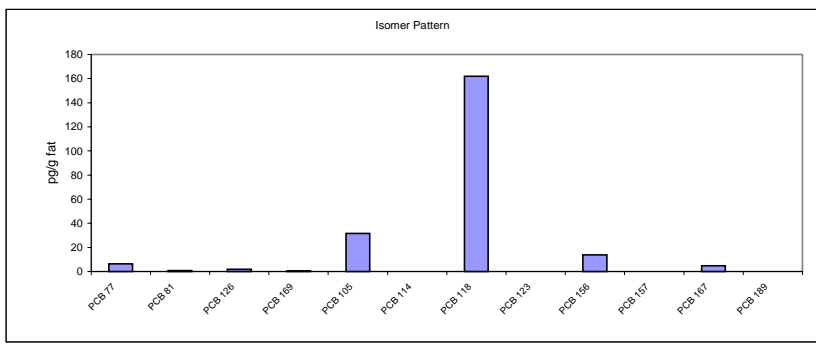
**Mixed Sample Composition**

no. individ. samples: 6  
 individual sample ID: 016-I-MEC-1  
 016-I-MSUR-4  
 016-I-OTH-1 to 016-I-OTH-4

fat content (%): 59,7

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 6,3      | 79  |
| PCB 81  | 0,9      |   |
| PCB 126 | 1,9      | 104   |
| PCB 169 | 0,6      | 101   |
| PCB 105 | 32       | 88  |
| PCB 114 | <        | 4,0   |
| PCB 118 | 160      | 83  |
| PCB 123 | <        | 4,0   |
| PCB 156 | 14       | 83  |
| PCB 157 | <        | 4,0   |
| PCB 167 | 4,9      | 78  |
| PCB 189 | <        | 4,0   |

**WHO-PCB-TEQ** **0,22**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,23**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,23**  
 (including LOQ)



9.5.17

Sunflower Oil

| <b>Sample ID:</b>   | 410/01-16  | <b>Matrix:</b>  | 017 sunflower oil |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |
|---|--|---|-------------------|--------------|----------------------|--------|---------|--------|---------|---------|---------|---------|--------|---------|--------|---------|---------|---------|--------|---------|---------|---------|--------|---------|---------|---------|---------|---------|---------|
|   |  | <b>Region:</b>  | AUGE              |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |
| <b>Mixed Sample Composition</b>   |  |   |                   |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |
| no. individ. samples:   | 8  |   |                   |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |
| individual sample ID:   | 017-A-N-1 to 017-A-N-3<br>017-A-S-1 to 017-A-S-5 |   |                   |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |
| fat content (%)   | 100  |   |                   |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |
| <b>Results</b>  | <b>pg/g fat</b>                                  | <b>Recovery rate<br/><sup>13</sup>C<sub>12</sub> standard</b> |                   |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |
| PCB 77  | 3,7  | 60  |                   |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |
| PCB 81  | 0,6  |   |                   |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |
| PCB 126   | 0,5  | 80  |                   |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |
| PCB 169   | 0,4  | 77  |                   |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |
| PCB 105   | 15   | 67  |                   |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |
| PCB 114   | <  | 4,0   |                   |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |
| PCB 118   | 61   | 63  |                   |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |
| PCB 123   | <  | 4,0   |                   |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |
| PCB 156   | 8,4  | 63  |                   |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |
| PCB 157   | <  | 4,0   |                   |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |
| PCB 167   | <  | 4,0   |                   |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |
| PCB 189   | <  | 4,0   |                   |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |
| <b>WHO-PCB-TEQ<br/>(excluding LOQ)</b>  | <b>0,07</b>                                      |   |                   |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |
| <b>WHO-PCB-TEQ<br/>(including 1/2 LOQ)</b>  | <b>0,07</b>                                      |   |                   |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |
| <b>WHO-PCB-TEQ<br/>(including LOQ)</b>  | <b>0,07</b>                                      |   |                   |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |
| <b>Isomer Pattern</b>   |  |   |                   |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |
| <table border="1"> <caption>Isomer Pattern Data</caption> <thead> <tr> <th>PCB Congener</th> <th>pg/g fat</th> </tr> </thead> <tbody> <tr><td>PCB 77</td><td>3,7</td></tr> <tr><td>PCB 81</td><td>0,6</td></tr> <tr><td>PCB 126</td><td>0,5</td></tr> <tr><td>PCB 169</td><td>0,4</td></tr> <tr><td>PCB 105</td><td>15</td></tr> <tr><td>PCB 114</td><td>&lt;</td></tr> <tr><td>PCB 118</td><td>61</td></tr> <tr><td>PCB 123</td><td>&lt;</td></tr> <tr><td>PCB 156</td><td>8,4</td></tr> <tr><td>PCB 157</td><td>&lt;</td></tr> <tr><td>PCB 167</td><td>&lt;</td></tr> <tr><td>PCB 189</td><td>&lt;</td></tr> </tbody> </table>  |  |   |                   | PCB Congener | pg/g fat             | PCB 77 | 3,7     | PCB 81 | 0,6     | PCB 126 | 0,5     | PCB 169 | 0,4    | PCB 105 | 15     | PCB 114 | <       | PCB 118 | 61     | PCB 123 | <       | PCB 156 | 8,4    | PCB 157 | <       | PCB 167 | <       | PCB 189 | <       |
| PCB Congener  | pg/g fat   |   |                   |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |
| PCB 77  | 3,7  |   |                   |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |
| PCB 81  | 0,6  |   |                   |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |
| PCB 126   | 0,5  |   |                   |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |
| PCB 169   | 0,4  |   |                   |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |
| PCB 105   | 15   |   |                   |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |
| PCB 114   | <  |   |                   |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |
| PCB 118   | 61   |   |                   |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |
| PCB 123   | <  |   |                   |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |
| PCB 156   | 8,4  |   |                   |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |
| PCB 157   | <  |   |                   |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |
| PCB 167   | <  |   |                   |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |
| PCB 189   | <  |   |                   |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |
| <b>TEQ Isomer Pattern</b>   |  |   |                   |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |
| <table border="1"> <caption>TEQ Isomer Pattern Data</caption> <thead> <tr> <th>PCB Congener</th> <th>pg WHO-PCB-TEQ/g fat</th> </tr> </thead> <tbody> <tr><td>PCB 77</td><td>~0.0001</td></tr> <tr><td>PCB 81</td><td>~0.0001</td></tr> <tr><td>PCB 126</td><td>5.2E-02</td></tr> <tr><td>PCB 169</td><td>~0.005</td></tr> <tr><td>PCB 105</td><td>~0.002</td></tr> <tr><td>PCB 114</td><td>~0.0001</td></tr> <tr><td>PCB 118</td><td>~0.006</td></tr> <tr><td>PCB 123</td><td>~0.0001</td></tr> <tr><td>PCB 156</td><td>~0.004</td></tr> <tr><td>PCB 157</td><td>~0.0001</td></tr> <tr><td>PCB 167</td><td>~0.0001</td></tr> <tr><td>PCB 189</td><td>~0.0001</td></tr> </tbody> </table> |  |   |                   | PCB Congener | pg WHO-PCB-TEQ/g fat | PCB 77 | ~0.0001 | PCB 81 | ~0.0001 | PCB 126 | 5.2E-02 | PCB 169 | ~0.005 | PCB 105 | ~0.002 | PCB 114 | ~0.0001 | PCB 118 | ~0.006 | PCB 123 | ~0.0001 | PCB 156 | ~0.004 | PCB 157 | ~0.0001 | PCB 167 | ~0.0001 | PCB 189 | ~0.0001 |
| PCB Congener  | pg WHO-PCB-TEQ/g fat                             |   |                   |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |
| PCB 77  | ~0.0001  |   |                   |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |
| PCB 81  | ~0.0001  |   |                   |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |
| PCB 126   | 5.2E-02  |   |                   |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |
| PCB 169   | ~0.005   |   |                   |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |
| PCB 105   | ~0.002   |   |                   |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |
| PCB 114   | ~0.0001  |   |                   |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |
| PCB 118   | ~0.006   |   |                   |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |
| PCB 123   | ~0.0001  |   |                   |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |
| PCB 156   | ~0.004   |   |                   |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |
| PCB 157   | ~0.0001  |   |                   |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |
| PCB 167   | ~0.0001  |   |                   |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |
| PCB 189   | ~0.0001  |   |                   |              |                      |        |         |        |         |         |         |         |        |         |        |         |         |         |        |         |         |         |        |         |         |         |         |         |         |

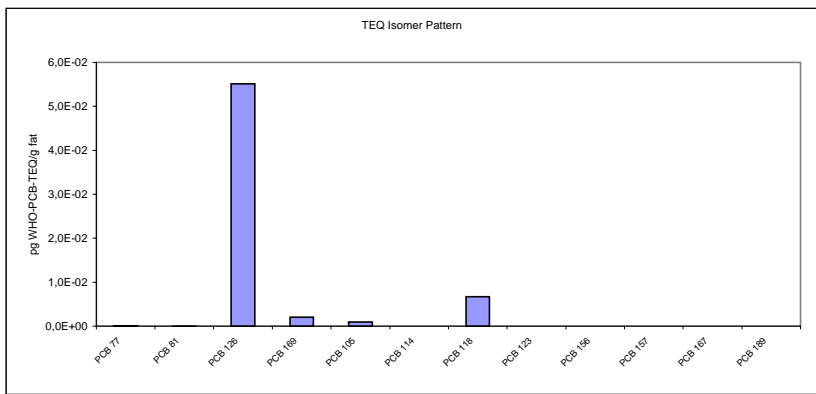
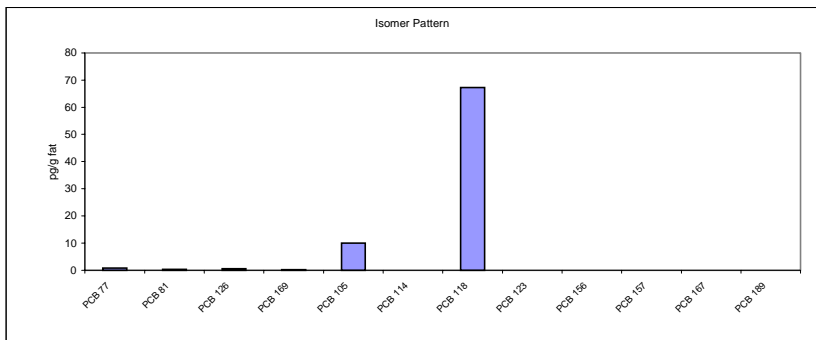
|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| <b>Sample ID:</b> | 411/01-14 | <b>Matrix:</b> | Sunflower oil |
|                   |           | <b>Region:</b> | BENE          |

**Mixed Sample Composition**

no. individ. samples: 14  
 individual sample ID: 017-B-B-1 to 017-B-B-5  
 017-B-N-1 to 017-B-N-9  
 fat content (%): 100

| Results | pg/g fat | Recovery <sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 0,8      | 63  |
| PCB 81  | 0,3      |   |
| PCB 126 | 0,6      | 71  |
| PCB 169 | 0,2      | 60  |
| PCB 105 | 10       | 62  |
| PCB 114 | <        | 4,0   |
| PCB 118 | 67       | 61  |
| PCB 123 | <        | 4,0   |
| PCB 156 | <        | 4,0   |
| PCB 157 | <        | 4,0   |
| PCB 167 | <        | 4,0   |
| PCB 167 | <        | 4,0   |
| PCB 167 | <        | 4,0   |
| PCB 189 | <        | 4,0   |
| PCB 189 | <        | 4,0   |

**WHO-PCB-TEQ** **0,06**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,07**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,07**  
 (including LOQ)



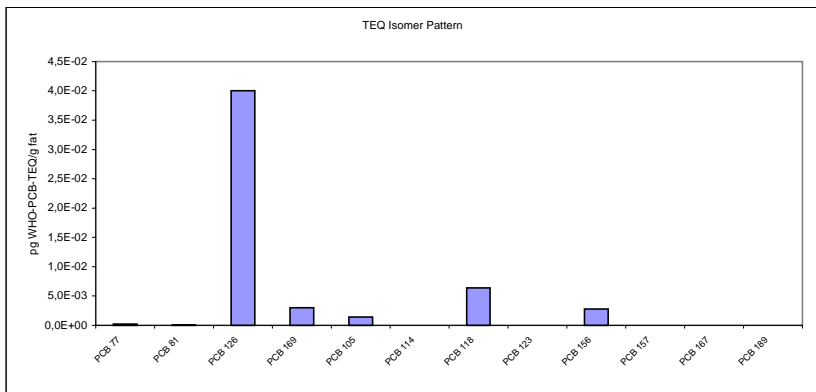
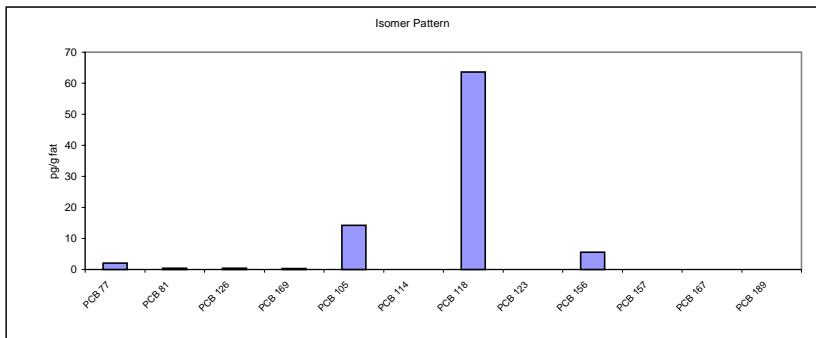
|                   |           |                |                   |
|-------------------|-----------|----------------|-------------------|
| <b>Sample ID:</b> | 412/01-15 | <b>Matrix:</b> | 017 sunflower oil |
|                   |           | <b>Region:</b> | SCAN              |

**Mixed Sample Composition**

no. individ. samples: 1  
 individual sample ID: 017-S-D-1  
 fat content (%): 100

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 2,1      | 120   |
| PCB 81  | 0,4      |   |
| PCB 126 | 0,4      | 120   |
| PCB 169 | 0,3      | 103   |
| PCB 105 | 14       | 112   |
| PCB 114 | <        | 4,0   |
| PCB 118 | 64       | 115   |
| PCB 123 | <        | 4,0   |
| PCB 156 | 5,6      | 105   |
| PCB 157 | <        | 4,0   |
| PCB 167 | <        | 4,0   |
| PCB 189 | <        | 4,0   |

**WHO-PCB-TEQ** **0,05**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,06**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,06**  
 (including LOQ)



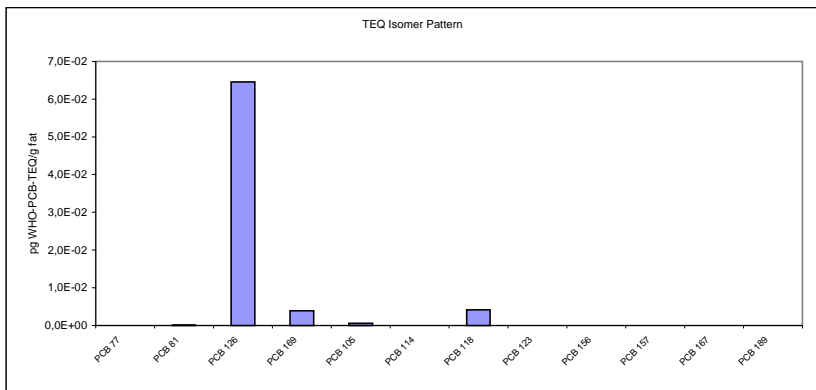
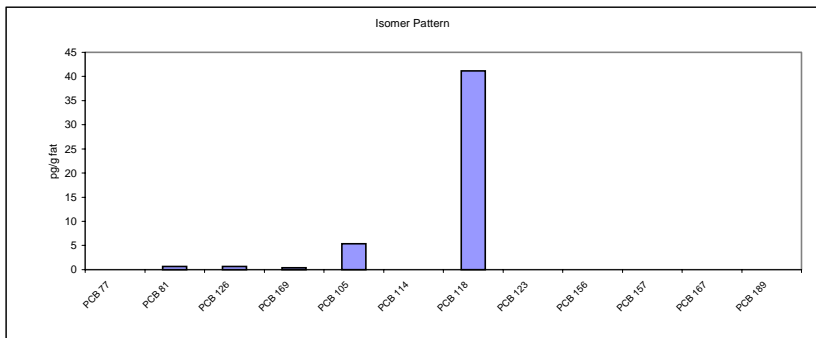
|                   |           |                |                   |
|-------------------|-----------|----------------|-------------------|
| <b>Sample ID:</b> | 413/01-16 | <b>Matrix:</b> | 017 sunflower oil |
|                   |           | <b>Region:</b> | FRANCE            |

**Mixed Sample Composition**

no. individ. samples: 23  
 individual sample ID: 017-F-N-1 to 017-F-N-19  
 017-F-S-1 to 017-F-S-4  
 fat content (%): 100

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | <        | 1,0   |
| PCB 81  |          | 0,7   |
| PCB 126 |          | 73  |
| PCB 169 |          | 79  |
| PCB 105 |          | 77  |
| PCB 114 | <        | 4,0   |
| PCB 118 |          | 73  |
| PCB 123 | <        | 4,0   |
| PCB 156 |          | 72  |
| PCB 157 | <        | 4,0   |
| PCB 167 | <        | 4,0   |
| PCB 189 | <        | 4,0   |

**WHO-PCB-TEQ** (excluding LOQ) **0,07**  
**WHO-PCB-TEQ** (including 1/2 LOQ) **0,08**  
**WHO-PCB-TEQ** (including LOQ) **0,08**



|                   |           |                |                   |
|-------------------|-----------|----------------|-------------------|
| <b>Sample ID:</b> | 414/01-16 | <b>Matrix:</b> | 017 sunflower oil |
|                   |           | <b>Region:</b> | POSP              |

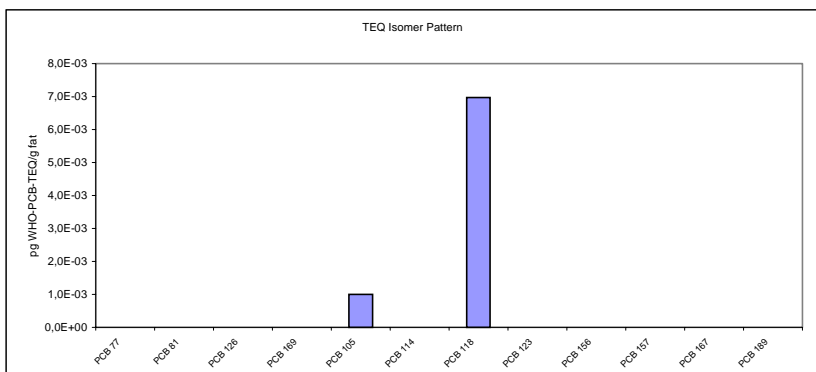
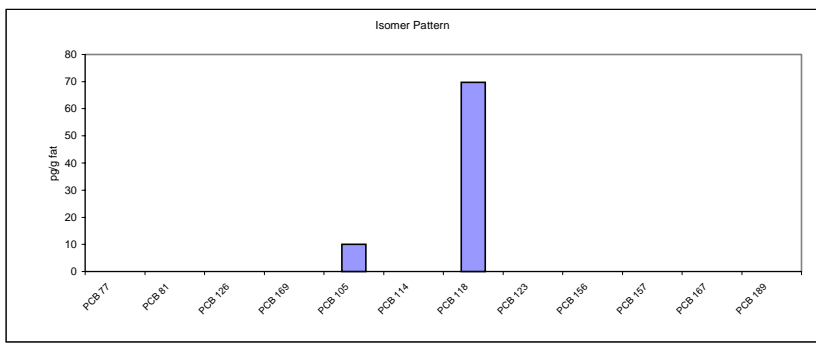
**Mixed Sample Composition**

no. individ. samples: 24  
 individual sample ID: 017-P-P-1 to 017-P-P-3  
 017-P-N-1 to 017-P-N-5  
 017-P-S-1 to 017-P-S-16

fat content (%): 100

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | <        | 1,0   |
| PCB 81  | <        | 0,2   |
| PCB 126 | <        | 0,2   |
| PCB 169 | <        | 0,2   |
| PCB 105 |          | 118   |
| PCB 114 | <        | 98  |
| PCB 118 |          | 10  |
| PCB 123 | <        | 70  |
| PCB 156 | <        | 96  |
| PCB 157 | <        | 4,0   |
| PCB 167 | <        | 4,0   |
| PCB 189 | <        | 88  |
|         |          | 4,0   |
|         |          | 85  |
|         |          | 91  |

|   |             |
|---|-------------|
| <b>WHO-PCB-TEQ</b><br>(excluding LOQ)     | <b>0,01</b> |
| <b>WHO-PCB-TEQ</b><br>(including 1/2 LOQ) | <b>0,02</b> |
| <b>WHO-PCB-TEQ</b><br>(including LOQ)     | <b>0,04</b> |



|                   |           |                |                   |
|-------------------|-----------|----------------|-------------------|
| <b>Sample ID:</b> | 415/01-14 | <b>Matrix:</b> | 017 sunflower oil |
|                   |           | <b>Region:</b> | GRIT              |

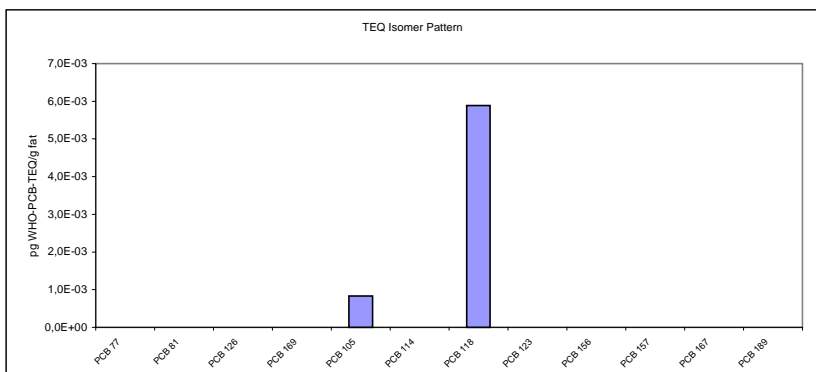
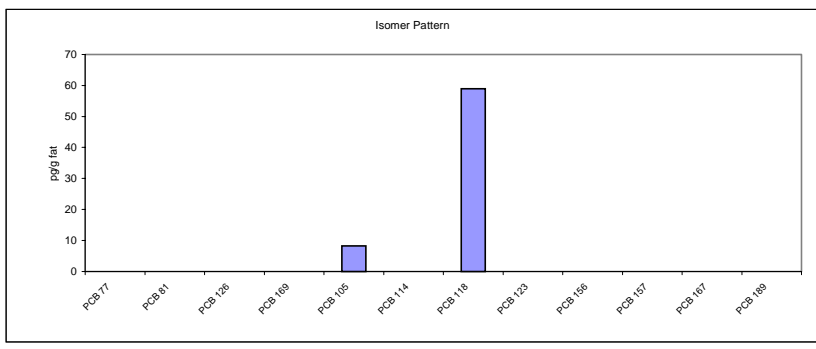
**Mixed Sample Composition**

no. individ. samples: 14  
 individual sample ID: 017-G-G-1 to 017-G-G-2  
 017-G-N-1 to 017-G-N-8  
 017-G-S-1 to 017-G-S-4

fat content (%): 100

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | <        | 1,0   |
| PCB 81  | <        | 0,2   |
| PCB 126 | <        | 0,2   |
| PCB 169 | <        | 0,2   |
| PCB 105 | <        | 8,3   |
| PCB 114 | <        | 4,0   |
| PCB 118 | <        | 59  |
| PCB 123 | <        | 4,0   |
| PCB 156 | <        | 4,0   |
| PCB 157 | <        | 4,0   |
| PCB 167 | <        | 4,0   |
| PCB 189 | <        | 4,0   |

|   |             |
|---|-------------|
| <b>WHO-PCB-TEQ</b><br>(excluding LOQ)     | <b>0,01</b> |
| <b>WHO-PCB-TEQ</b><br>(including 1/2 LOQ) | <b>0,02</b> |
| <b>WHO-PCB-TEQ</b><br>(including LOQ)     | <b>0,04</b> |



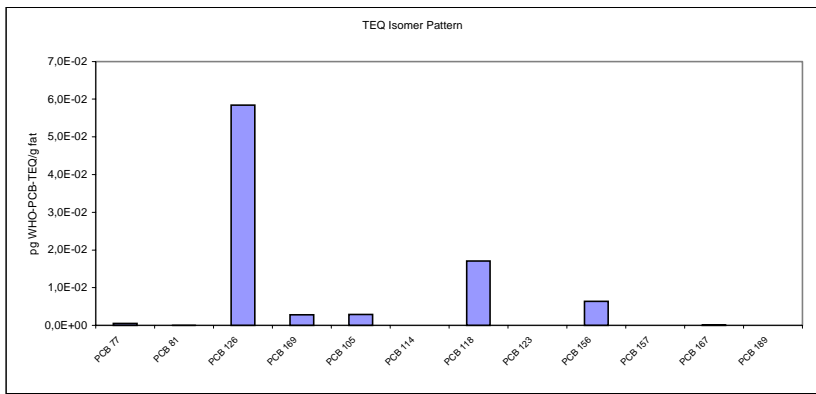
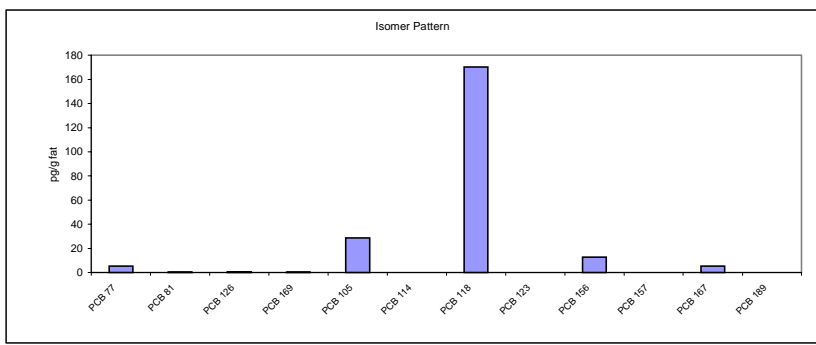
|                   |           |                |                   |
|-------------------|-----------|----------------|-------------------|
| <b>Sample ID:</b> | 417/01-10 | <b>Matrix:</b> | 017 sunflower oil |
|                   |           | <b>Region:</b> | IMPORT            |

**Mixed Sample Composition**

no. individ. samples: 5  
 individual sample ID: 017-I-OTH-1 to 017-I-OTH-5  
 fat content (%): 99,83

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 5,4      | 65  |
| PCB 81  | 0,3      |   |
| PCB 126 | 0,6      | 85  |
| PCB 169 | 0,3      | 88  |
| PCB 105 | 29       | 78  |
| PCB 114 | <        | 4,0   |
| PCB 118 | 170      | 73  |
| PCB 123 | <        | 4,0   |
| PCB 156 | 13       | 77  |
| PCB 157 | <        | 4,0   |
| PCB 167 | 5,4      | 70  |
| PCB 189 | <        | 4,0   |

**WHO-PCB-TEQ** **0,09**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,09**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,09**  
 (including LOQ)



9.5.18

Sunflower Oilcake

|  |   |   |                       |
|--|---|---|-----------------------|
| <b>Sample ID:</b>                      | 410/01-17   | <b>Matrix:</b>  | 018 sunflower oilcake |
|  |   | <b>Region:</b>  | AUGE                  |
| <b>Mixed Sample Composition</b>        |   |   |                       |
| no. individ. samples:                  | 8   |   |                       |
| individual sample ID:                  | 018-A-A-1<br>018-A-N-1 to 018-A-N-5<br>018-A-S-1 to 018-A-S-2 |   |                       |
| dry matter (%):                        | 90,1  |   |                       |
| <b>Results</b>                         | <b>pg/g d.m.</b>  | <b>Recovery rate <sup>13</sup>C<sub>12</sub> standard</b> |                       |
| PCB 77                                 | 1,70  | 92  |                       |
| PCB 81                                 | 0,02  |   |                       |
| PCB 126                                | 0,07  | 115   |                       |
| PCB 169                                | 0,02  | 106   |                       |
| PCB 105                                | 3,20  | 103   |                       |
| PCB 114                                | 0,23  |   |                       |
| PCB 118                                | 14,00   | 99  |                       |
| PCB 123                                | <   | 0,18  |                       |
| PCB 156                                | 1,90  | 102   |                       |
| PCB 157                                | <   | 0,20  |                       |
| PCB 167                                | 0,94  | 87  |                       |
| PCB 189                                | 0,27  | 97  |                       |
| <b>WHO-PCB-TEQ (excluding LOQ)</b>     | <b>0,010</b>  |   |                       |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b> | <b>0,010</b>  |   |                       |
| <b>WHO-PCB-TEQ (including LOQ)</b>     | <b>0,010</b>  |   |                       |
|  |   |   |                       |
|  |   |   |                       |

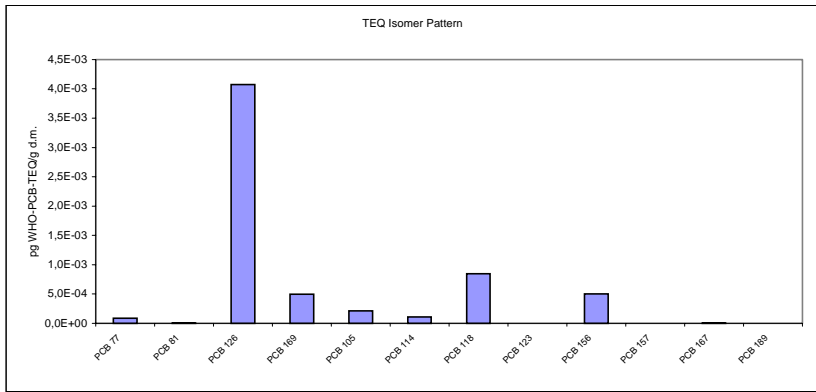
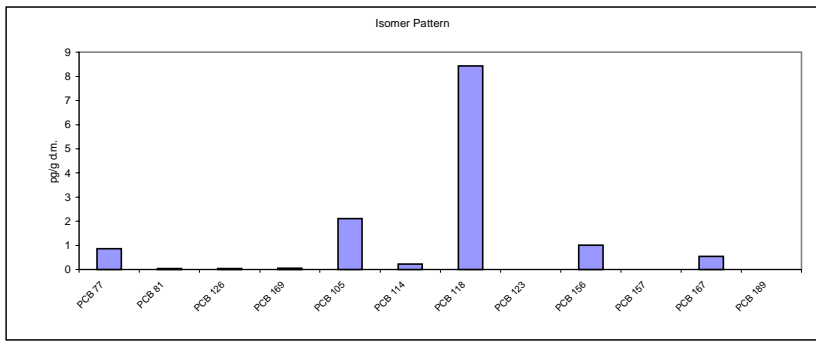
|                   |           |                |                       |
|-------------------|-----------|----------------|-----------------------|
| <b>Sample ID:</b> | 411/01-15 | <b>Matrix:</b> | 018 sunflower oilcake |
|                   |           | <b>Region:</b> | BENE                  |

**Mixed Sample Composition**

no. individ. samples: 6  
 individual sample ID: 018-B-N-1 to 018-B-N-6  
 dry matter (%): 90,6

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |    |
|---------|-----------|--|----|
| PCB 77  | 0,87      | 90   |    |
| PCB 81  | 0,04      |  |    |
| PCB 126 | 0,04      | 114  |    |
| PCB 169 | 0,05      | 111  |    |
| PCB 105 | 2,10      | 98   |    |
| PCB 114 | 0,22      |  |    |
| PCB 118 | 8,40      | 93   |    |
| PCB 123 | <         | 0,20   |    |
| PCB 156 | 1,00      | 96   |    |
| PCB 157 | <         | 0,20   |    |
| PCB 167 | 0,54      | 85   |    |
| PCB 189 | <         | 0,20   | 97 |

**WHO-PCB-TEQ** **0,006**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,006**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,006**  
 (including LOQ)



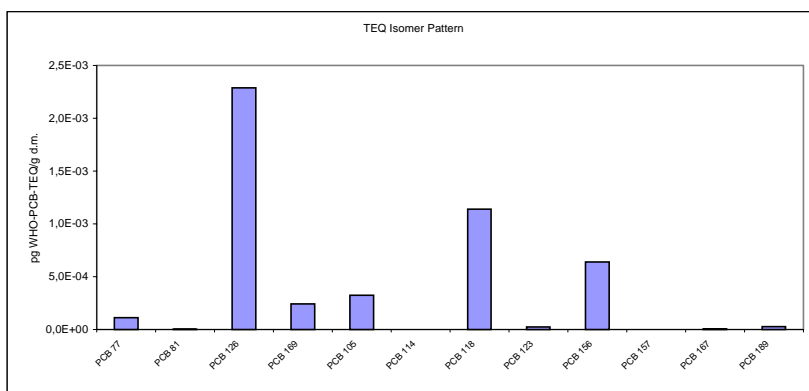
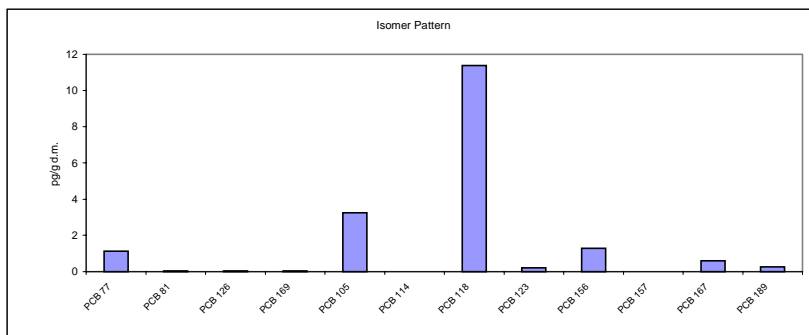
|                   |           |                |                       |
|-------------------|-----------|----------------|-----------------------|
| <b>Sample ID:</b> | 413/01-17 | <b>Matrix:</b> | 018 sunflower oilcake |
|                   |           | <b>Region:</b> | FRANCE                |

**Mixed Sample Composition**

no. individ. samples: 9  
 individual sample ID: 018-F-N-2 to 018-F-N-7  
 018-F-S-1 to 018-F-S-3  
 dry matter (%): 90,1

| Results | pg/g<br>d.m. | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|--------------|---|
| PCB 77  | 1,10         | 84  |
| PCB 81  | 0,02         |   |
| PCB 126 | 0,02         | 102   |
| PCB 169 | 0,02         | 95  |
| PCB 105 | 3,20         | 92  |
| PCB 114 | < 0,20       |   |
| PCB 118 | 11,00        | 87  |
| PCB 123 | 0,22         |   |
| PCB 156 | 1,30         | 88  |
| PCB 157 | < 0,20       |   |
| PCB 167 | 0,59         | 76  |
| PCB 189 | 0,25         | 88  |

**WHO-PCB-TEQ** **0,005**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,005**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,005**  
 (including LOQ)



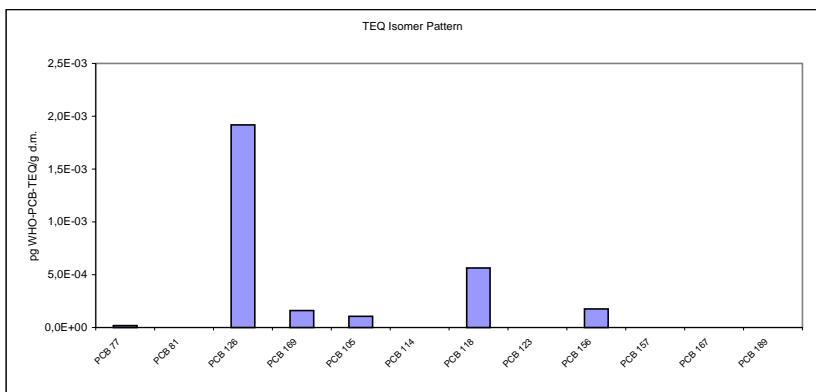
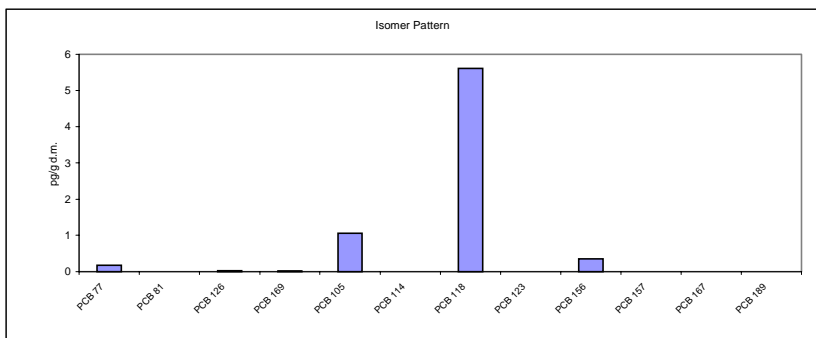
|                   |           |                |                       |
|-------------------|-----------|----------------|-----------------------|
| <b>Sample ID:</b> | 414/01-17 | <b>Matrix:</b> | 018 sunflower oilcake |
|                   |           | <b>Region:</b> | POSP                  |

**Mixed Sample Composition**

no. individ. samples: 7  
 individual sample ID: 018-P-P-1 to 018-P-P-2, 018-P-P-R2  
 018-P-S-1 to 018-P-S-2  
 dry matter (%): 91,1

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |
|---------|-----------|--|
| PCB 77  | 0,17      | 97   |
| PCB 81  | <         | 0,02   |
| PCB 126 | 0,02      | 113  |
| PCB 169 | 0,02      | 114  |
| PCB 105 | 1,10      | 109  |
| PCB 114 | <         | 0,20   |
| PCB 118 | 5,60      | 103  |
| PCB 123 | <         | 0,20   |
| PCB 156 | 0,35      | 108  |
| PCB 157 | <         | 0,20   |
| PCB 167 | <         | 0,20   |
| PCB 189 | <         | 0,20   |

**WHO-PCB-TEQ (excluding LOQ) 0,003**  
**WHO-PCB-TEQ (including 1/2 LOQ) 0,003**  
**WHO-PCB-TEQ (including LOQ) 0,003**



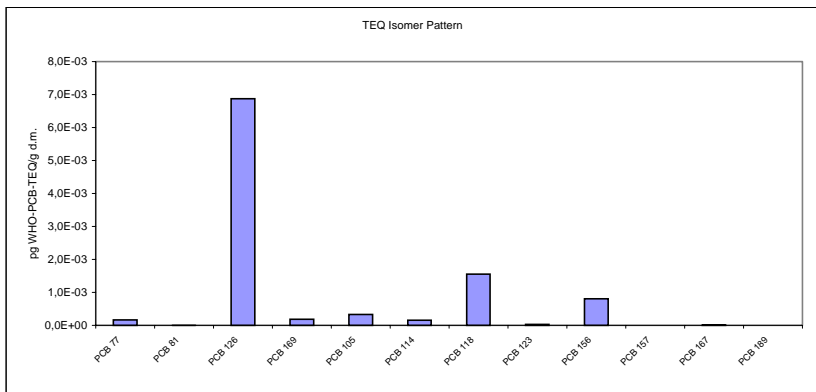
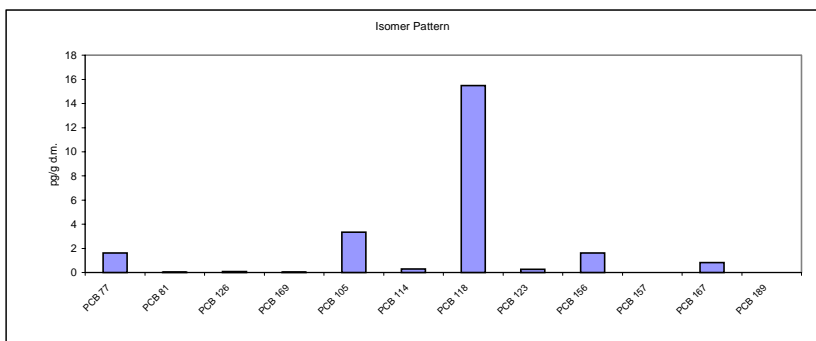
|                   |           |                |                       |
|-------------------|-----------|----------------|-----------------------|
| <b>Sample ID:</b> | 415/01-15 | <b>Matrix:</b> | 018 sunflower oilcake |
|                   |           | <b>Region:</b> | GRIT                  |

**Mixed Sample Composition**

no. individ. samples: 1  
 individual sample ID: 018-G-N-1  
 dry matter (%): 91,7

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |
|---------|-----------|--|
| PCB 77  | 1,60      | 99   |
| PCB 81  | 0,03      |  |
| PCB 126 | 0,07      | 108  |
| PCB 169 | 0,02      | 114  |
| PCB 105 | 3,30      | 106  |
| PCB 114 | 0,30      |  |
| PCB 118 | 15,00     | 97   |
| PCB 123 | 0,27      |  |
| PCB 156 | 1,60      | 103  |
| PCB 157 | <         | 0,20   |
| PCB 167 |           | 0,83   |
| PCB 189 | <         | 0,20   |

**WHO-PCB-TEQ (excluding LOQ) 0,010**  
**WHO-PCB-TEQ (including 1/2 LOQ) 0,010**  
**WHO-PCB-TEQ (including LOQ) 0,010**



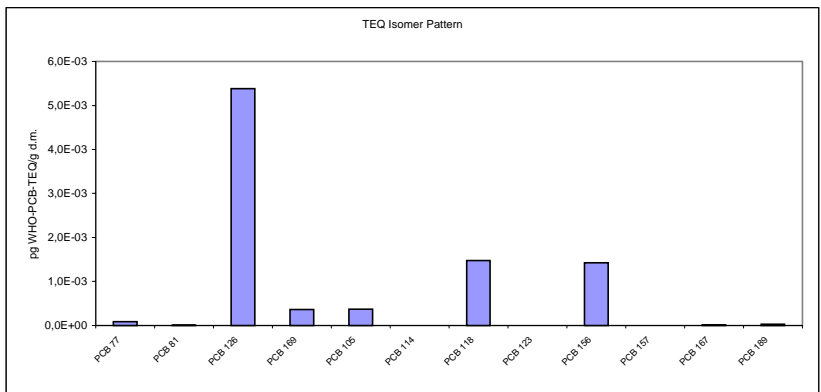
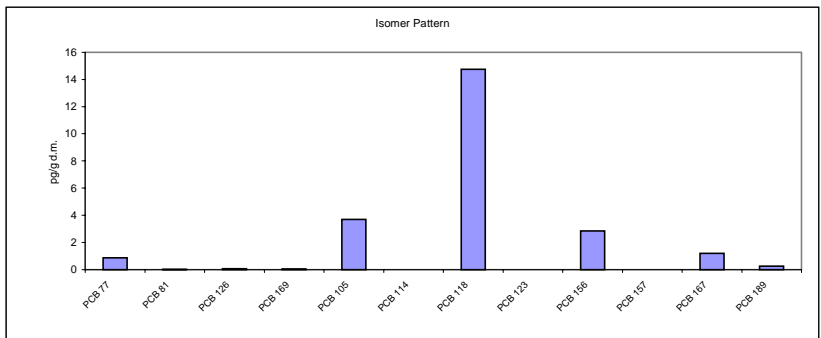
|                   |           |                |                       |
|-------------------|-----------|----------------|-----------------------|
| <b>Sample ID:</b> | 417/01-11 | <b>Matrix:</b> | 018 sunflower oilcake |
|                   |           | <b>Region:</b> | IMPORT                |

**Mixed Sample Composition**

no. individ. samples: 7  
 individual sample ID: 018-I-MSUR-1 to 018-I-MSUR-3A  
 018-I-MSUR-7 to 018-I-MSUR-8  
 dry matter (%): 91,11

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |
|---------|-----------|--|
| PCB 77  | 0,85      | 99   |
| PCB 81  | 0,02      |  |
| PCB 126 | 0,05      | 105  |
| PCB 169 | 0,04      | 116  |
| PCB 105 | 3,70      | 104  |
| PCB 114 | <         | 0,20   |
| PCB 118 | 15,00     | 96   |
| PCB 123 | <         | 0,20   |
| PCB 156 | 2,80      | 98   |
| PCB 157 | <         | 0,20   |
| PCB 167 | 1,20      | 86   |
| PCB 189 | 0,24      | 92   |

**WHO-PCB-TEQ (excluding LOQ) 0,009**  
**WHO-PCB-TEQ (including 1/2 LOQ) 0,009**  
**WHO-PCB-TEQ (including LOQ) 0,009**



9.5.19

Olives

|   |   |   |            |
|---|---|---|------------|
| <b>Sample ID:</b>                                     | 414/01-18   | <b>Matrix:</b>  | 019 olives |
|   |   | <b>Region:</b>  | POSP       |
| <b>Mixed Sample Composition</b>                       |   |   |            |
| no. individ. samples:                                 | 25  |   |            |
| individual sample ID:                                 | 019-P-P-1 tp 019-P-P-2<br>019-P-S-1 tp 019-P-S-23 |   |            |
| fat content (%):                                      | 66,6  |   |            |
| <b>Results</b>  | <b>pg/g fat</b>                                   | <b>Recovery rate<br/><sup>13</sup>C<sub>12</sub> standard</b> |            |
| PCB 77  | 15  | 92  |            |
| PCB 81  | 1,0   |   |            |
| PCB 126   | 2,0   | 108   |            |
| PCB 169   | 0,5   | 109   |            |
| PCB 105   | 89  | 108   |            |
| PCB 114   | 5,6   |   |            |
| PCB 118   | 320   | 99  |            |
| PCB 123   | 4,2   |   |            |
| PCB 156   | 21  | 104   |            |
| PCB 157   | <   | 4,0   |            |
| PCB 167   | 15  | 87  |            |
| PCB 189   | 4,0   | 102   |            |
| <b>WHO-PCB-TEQ<br/>(excluding LOQ)</b>                | <b>0,26</b>                                       |   |            |
| <b>WHO-PCB-TEQ<br/>(including 1/2 LOQ)</b>            | <b>0,26</b>                                       |   |            |
| <b>WHO-PCB-TEQ<br/>(including LOQ)</b>                | <b>0,26</b>                                       |   |            |
| <p style="text-align: center;">Isomer Pattern</p>     |   |   |            |
| <p style="text-align: center;">TEQ Isomer Pattern</p> |   |   |            |

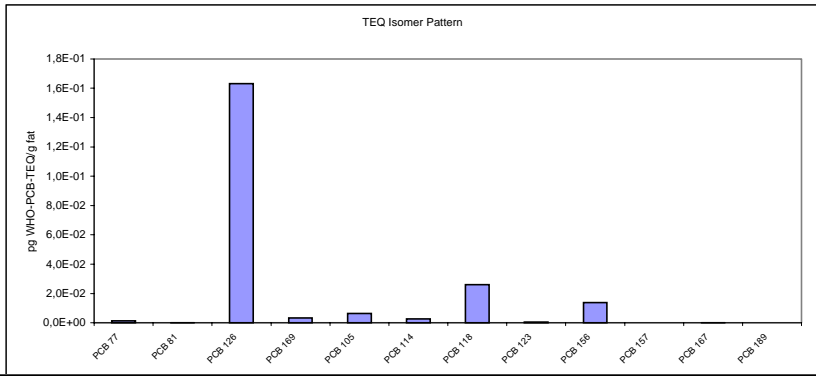
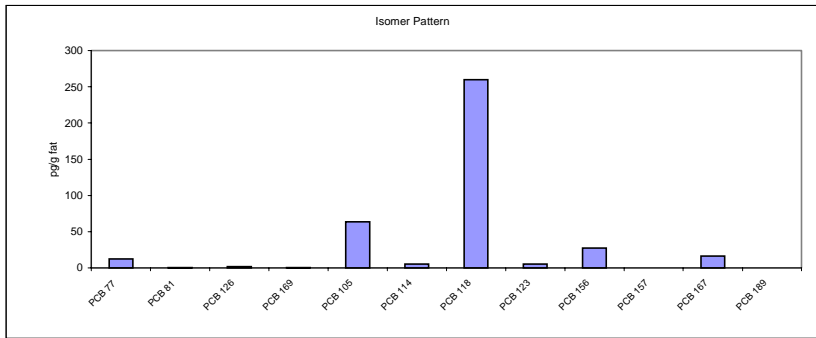
|                   |           |                |            |
|-------------------|-----------|----------------|------------|
| <b>Sample ID:</b> | 415/01-16 | <b>Matrix:</b> | 019 olives |
|                   |           | <b>Region:</b> | GRIT       |

**Mixed Sample Composition**

no. individ. samples: 24  
 individual sample ID: 019-G-G-1 to 019-G-G-11  
 019-G-N-1 to 019-G-N-4  
 019-G-S-2 to 019-G-S-10  
 fat content (%): 67,6

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 12       | 86  |
| PCB 81  | 0,4      |   |
| PCB 126 | 1,6      | 106   |
| PCB 169 | 0,3      | 105   |
| PCB 105 | 64       | 96  |
| PCB 114 | 5,4      |   |
| PCB 118 | 260      | 88  |
| PCB 123 | 5,0      |   |
| PCB 156 | 28       | 91  |
| PCB 157 | < 4,0    |   |
| PCB 167 | 16       | 73  |
| PCB 189 | < 4,0    | 97  |

**WHO-PCB-TEQ** **0,22**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,22**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,22**  
 (including LOQ)



9.5.20

Olive Oil

| <b>Sample ID:</b>  | 414/01-19  | <b>Matrix:</b>  | 020 olive oil |              |                                      |        |      |        |   |         |         |         |      |         |      |         |   |         |      |         |   |         |       |         |   |         |       |         |   |
|--|--|---|---------------|--------------|--------------------------------------|--------|------|--------|---|---------|---------|---------|------|---------|------|---------|---|---------|------|---------|---|---------|-------|---------|---|---------|-------|---------|---|
|  |  | <b>Region:</b>  | POSP          |              |                                      |        |      |        |   |         |         |         |      |         |      |         |   |         |      |         |   |         |       |         |   |         |       |         |   |
| <b>Mixed Sample Composition</b>  |  |   |               |              |                                      |        |      |        |   |         |         |         |      |         |      |         |   |         |      |         |   |         |       |         |   |         |       |         |   |
| no. individ. samples:  | 26   |   |               |              |                                      |        |      |        |   |         |         |         |      |         |      |         |   |         |      |         |   |         |       |         |   |         |       |         |   |
| individual sample ID:  | 020-P-P-1 to 020-P-P-2<br>020-P-S-1 to 020-P-S-4 |   |               |              |                                      |        |      |        |   |         |         |         |      |         |      |         |   |         |      |         |   |         |       |         |   |         |       |         |   |
| fat content (%):   | 100  |   |               |              |                                      |        |      |        |   |         |         |         |      |         |      |         |   |         |      |         |   |         |       |         |   |         |       |         |   |
| <b>Results</b>   | <b>pg/g fat</b>                                  | <b>Recovery rate<br/><sup>13</sup>C<sub>12</sub> standard</b> |               |              |                                      |        |      |        |   |         |         |         |      |         |      |         |   |         |      |         |   |         |       |         |   |         |       |         |   |
| PCB 77   | 2,7  | 107   |               |              |                                      |        |      |        |   |         |         |         |      |         |      |         |   |         |      |         |   |         |       |         |   |         |       |         |   |
| PCB 81   | <  | 0,2   |               |              |                                      |        |      |        |   |         |         |         |      |         |      |         |   |         |      |         |   |         |       |         |   |         |       |         |   |
| PCB 126  | 0,6  | 128   |               |              |                                      |        |      |        |   |         |         |         |      |         |      |         |   |         |      |         |   |         |       |         |   |         |       |         |   |
| PCB 169  | 0,3  | 93  |               |              |                                      |        |      |        |   |         |         |         |      |         |      |         |   |         |      |         |   |         |       |         |   |         |       |         |   |
| PCB 105  | 34   | 112   |               |              |                                      |        |      |        |   |         |         |         |      |         |      |         |   |         |      |         |   |         |       |         |   |         |       |         |   |
| PCB 114  | <  | 4,0   |               |              |                                      |        |      |        |   |         |         |         |      |         |      |         |   |         |      |         |   |         |       |         |   |         |       |         |   |
| PCB 118  | 130  | 108   |               |              |                                      |        |      |        |   |         |         |         |      |         |      |         |   |         |      |         |   |         |       |         |   |         |       |         |   |
| PCB 123  | <  | 4,0   |               |              |                                      |        |      |        |   |         |         |         |      |         |      |         |   |         |      |         |   |         |       |         |   |         |       |         |   |
| PCB 156  | 9,5  | 98  |               |              |                                      |        |      |        |   |         |         |         |      |         |      |         |   |         |      |         |   |         |       |         |   |         |       |         |   |
| PCB 157  | <  | 4,0   |               |              |                                      |        |      |        |   |         |         |         |      |         |      |         |   |         |      |         |   |         |       |         |   |         |       |         |   |
| PCB 167  | 3,9  | 119   |               |              |                                      |        |      |        |   |         |         |         |      |         |      |         |   |         |      |         |   |         |       |         |   |         |       |         |   |
| PCB 189  | <  | 4,0   |               |              |                                      |        |      |        |   |         |         |         |      |         |      |         |   |         |      |         |   |         |       |         |   |         |       |         |   |
| <b>WHO-PCB-TEQ<br/>(excluding LOQ)</b>   | <b>0,08</b>                                      |   |               |              |                                      |        |      |        |   |         |         |         |      |         |      |         |   |         |      |         |   |         |       |         |   |         |       |         |   |
| <b>WHO-PCB-TEQ<br/>(including 1/2 LOQ)</b>   | <b>0,09</b>                                      |   |               |              |                                      |        |      |        |   |         |         |         |      |         |      |         |   |         |      |         |   |         |       |         |   |         |       |         |   |
| <b>WHO-PCB-TEQ<br/>(including LOQ)</b>   | <b>0,09</b>                                      |   |               |              |                                      |        |      |        |   |         |         |         |      |         |      |         |   |         |      |         |   |         |       |         |   |         |       |         |   |
| <p>Isomer Pattern</p> <table border="1"> <caption>Data for Isomer Pattern</caption> <thead> <tr> <th>PCB Congener</th> <th>Concentration (pg/g fat)</th> </tr> </thead> <tbody> <tr><td>PCB 77</td><td>2,7</td></tr> <tr><td>PCB 81</td><td>&lt;</td></tr> <tr><td>PCB 126</td><td>0,6</td></tr> <tr><td>PCB 169</td><td>0,3</td></tr> <tr><td>PCB 105</td><td>34</td></tr> <tr><td>PCB 114</td><td>&lt;</td></tr> <tr><td>PCB 118</td><td>130</td></tr> <tr><td>PCB 123</td><td>&lt;</td></tr> <tr><td>PCB 156</td><td>9,5</td></tr> <tr><td>PCB 157</td><td>&lt;</td></tr> <tr><td>PCB 167</td><td>3,9</td></tr> <tr><td>PCB 189</td><td>&lt;</td></tr> </tbody> </table>                                  |  |   |               | PCB Congener | Concentration (pg/g fat)             | PCB 77 | 2,7  | PCB 81 | < | PCB 126 | 0,6     | PCB 169 | 0,3  | PCB 105 | 34   | PCB 114 | < | PCB 118 | 130  | PCB 123 | < | PCB 156 | 9,5   | PCB 157 | < | PCB 167 | 3,9   | PCB 189 | < |
| PCB Congener   | Concentration (pg/g fat)                         |   |               |              |                                      |        |      |        |   |         |         |         |      |         |      |         |   |         |      |         |   |         |       |         |   |         |       |         |   |
| PCB 77   | 2,7  |   |               |              |                                      |        |      |        |   |         |         |         |      |         |      |         |   |         |      |         |   |         |       |         |   |         |       |         |   |
| PCB 81   | <  |   |               |              |                                      |        |      |        |   |         |         |         |      |         |      |         |   |         |      |         |   |         |       |         |   |         |       |         |   |
| PCB 126  | 0,6  |   |               |              |                                      |        |      |        |   |         |         |         |      |         |      |         |   |         |      |         |   |         |       |         |   |         |       |         |   |
| PCB 169  | 0,3  |   |               |              |                                      |        |      |        |   |         |         |         |      |         |      |         |   |         |      |         |   |         |       |         |   |         |       |         |   |
| PCB 105  | 34   |   |               |              |                                      |        |      |        |   |         |         |         |      |         |      |         |   |         |      |         |   |         |       |         |   |         |       |         |   |
| PCB 114  | <  |   |               |              |                                      |        |      |        |   |         |         |         |      |         |      |         |   |         |      |         |   |         |       |         |   |         |       |         |   |
| PCB 118  | 130  |   |               |              |                                      |        |      |        |   |         |         |         |      |         |      |         |   |         |      |         |   |         |       |         |   |         |       |         |   |
| PCB 123  | <  |   |               |              |                                      |        |      |        |   |         |         |         |      |         |      |         |   |         |      |         |   |         |       |         |   |         |       |         |   |
| PCB 156  | 9,5  |   |               |              |                                      |        |      |        |   |         |         |         |      |         |      |         |   |         |      |         |   |         |       |         |   |         |       |         |   |
| PCB 157  | <  |   |               |              |                                      |        |      |        |   |         |         |         |      |         |      |         |   |         |      |         |   |         |       |         |   |         |       |         |   |
| PCB 167  | 3,9  |   |               |              |                                      |        |      |        |   |         |         |         |      |         |      |         |   |         |      |         |   |         |       |         |   |         |       |         |   |
| PCB 189  | <  |   |               |              |                                      |        |      |        |   |         |         |         |      |         |      |         |   |         |      |         |   |         |       |         |   |         |       |         |   |
| <p>TEQ Isomer Pattern</p> <table border="1"> <caption>Data for TEQ Isomer Pattern</caption> <thead> <tr> <th>PCB Congener</th> <th>Concentration (pg WHO-PCB-TEQ/g fat)</th> </tr> </thead> <tbody> <tr><td>PCB 77</td><td>0,08</td></tr> <tr><td>PCB 81</td><td>&lt;</td></tr> <tr><td>PCB 126</td><td>6,0E-02</td></tr> <tr><td>PCB 169</td><td>0,03</td></tr> <tr><td>PCB 105</td><td>0,34</td></tr> <tr><td>PCB 114</td><td>&lt;</td></tr> <tr><td>PCB 118</td><td>0,13</td></tr> <tr><td>PCB 123</td><td>&lt;</td></tr> <tr><td>PCB 156</td><td>0,095</td></tr> <tr><td>PCB 157</td><td>&lt;</td></tr> <tr><td>PCB 167</td><td>0,039</td></tr> <tr><td>PCB 189</td><td>&lt;</td></tr> </tbody> </table> |  |   |               | PCB Congener | Concentration (pg WHO-PCB-TEQ/g fat) | PCB 77 | 0,08 | PCB 81 | < | PCB 126 | 6,0E-02 | PCB 169 | 0,03 | PCB 105 | 0,34 | PCB 114 | < | PCB 118 | 0,13 | PCB 123 | < | PCB 156 | 0,095 | PCB 157 | < | PCB 167 | 0,039 | PCB 189 | < |
| PCB Congener   | Concentration (pg WHO-PCB-TEQ/g fat)             |   |               |              |                                      |        |      |        |   |         |         |         |      |         |      |         |   |         |      |         |   |         |       |         |   |         |       |         |   |
| PCB 77   | 0,08   |   |               |              |                                      |        |      |        |   |         |         |         |      |         |      |         |   |         |      |         |   |         |       |         |   |         |       |         |   |
| PCB 81   | <  |   |               |              |                                      |        |      |        |   |         |         |         |      |         |      |         |   |         |      |         |   |         |       |         |   |         |       |         |   |
| PCB 126  | 6,0E-02  |   |               |              |                                      |        |      |        |   |         |         |         |      |         |      |         |   |         |      |         |   |         |       |         |   |         |       |         |   |
| PCB 169  | 0,03   |   |               |              |                                      |        |      |        |   |         |         |         |      |         |      |         |   |         |      |         |   |         |       |         |   |         |       |         |   |
| PCB 105  | 0,34   |   |               |              |                                      |        |      |        |   |         |         |         |      |         |      |         |   |         |      |         |   |         |       |         |   |         |       |         |   |
| PCB 114  | <  |   |               |              |                                      |        |      |        |   |         |         |         |      |         |      |         |   |         |      |         |   |         |       |         |   |         |       |         |   |
| PCB 118  | 0,13   |   |               |              |                                      |        |      |        |   |         |         |         |      |         |      |         |   |         |      |         |   |         |       |         |   |         |       |         |   |
| PCB 123  | <  |   |               |              |                                      |        |      |        |   |         |         |         |      |         |      |         |   |         |      |         |   |         |       |         |   |         |       |         |   |
| PCB 156  | 0,095  |   |               |              |                                      |        |      |        |   |         |         |         |      |         |      |         |   |         |      |         |   |         |       |         |   |         |       |         |   |
| PCB 157  | <  |   |               |              |                                      |        |      |        |   |         |         |         |      |         |      |         |   |         |      |         |   |         |       |         |   |         |       |         |   |
| PCB 167  | 0,039  |   |               |              |                                      |        |      |        |   |         |         |         |      |         |      |         |   |         |      |         |   |         |       |         |   |         |       |         |   |
| PCB 189  | <  |   |               |              |                                      |        |      |        |   |         |         |         |      |         |      |         |   |         |      |         |   |         |       |         |   |         |       |         |   |

|                   |           |                |               |
|-------------------|-----------|----------------|---------------|
| <b>Sample ID:</b> | 415/01-17 | <b>Matrix:</b> | 020 olive oil |
|                   |           | <b>Region:</b> | GRIT          |

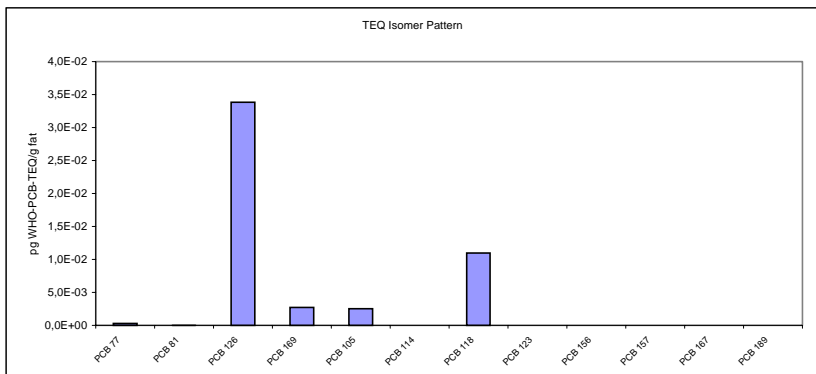
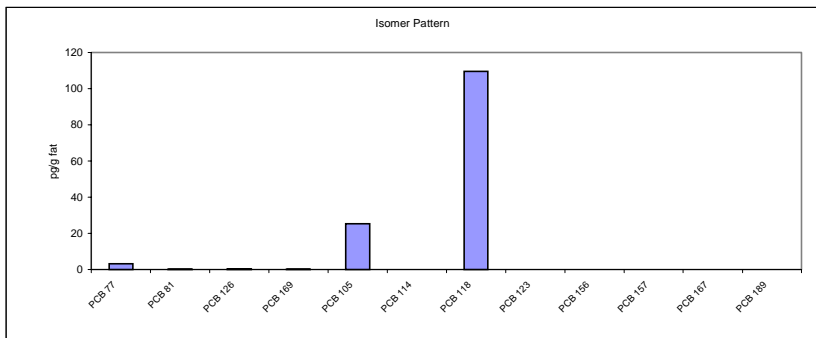
**Mixed Sample Composition**

no. individ. samples: 25  
 individual sample ID: 020-G-G-1 to 020-G-G-11  
 020-G-N-1 to 020-G-N-4  
 020-G-S-1 to 020-G-S-10

fat content (%): 100

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 3,2      | 97  |
| PCB 81  | 0,3      |   |
| PCB 126 | 0,3      | 113   |
| PCB 169 | 0,3      | 101   |
| PCB 105 | 25       | 95  |
| PCB 114 | <        | 4,0   |
| PCB 118 | 110      | 98  |
| PCB 123 | <        | 4,0   |
| PCB 156 | <        | 4,0   |
| PCB 157 | <        | 4,0   |
| PCB 167 | <        | 4,0   |
| PCB 167 | <        | 68  |
| PCB 189 | <        | 4,0   |
| PCB 189 | <        | 93  |

**WHO-PCB-TEQ** **0,05**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,05**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,06**  
 (including LOQ)



9.5.21

Bovine Feed

|  |   |   |                 |
|--|---|---|-----------------|
| <b>Sample ID:</b>                      | 410/01-18   | <b>Matrix:</b>  | 021 bovine feed |
|  |   | <b>Region:</b>  | AUGE            |
| <b>Mixed Sample Composition</b>        |   |   |                 |
| no. individ. samples:                  | 19  |   |                 |
| individual sample ID:                  | 021-A-A-1<br>021-A_N-1 to 021-A-N-9<br>021-A-S-1 to 021-A-S-9 |   |                 |
| dry matter (%):                        | 89,25   |   |                 |
| <b>Results</b>                         | <b>pg/g d.m.</b>  | <b>Recovery rate <sup>13</sup>C<sub>12</sub> standard</b> |                 |
| PCB 77                                 | 3,1   | 97  |                 |
| PCB 81                                 | 0,1   |   |                 |
| PCB 126                                | 0,2   | 119   |                 |
| PCB 169                                | 0,1   | 112   |                 |
| PCB 105                                | 20  | 102   |                 |
| PCB 114                                | 0,9   |   |                 |
| PCB 118                                | 93  | 99  |                 |
| PCB 123                                | 1,3   |   |                 |
| PCB 156                                | 21  | 102   |                 |
| PCB 157                                | 1,7   |   |                 |
| PCB 167                                | 7,6   | 89  |                 |
| PCB 189                                | 2,3   | 102   |                 |
| <b>WHO-PCB-TEQ (excluding LOQ)</b>     | <b>0,05</b>   |   |                 |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b> | <b>0,05</b>   |   |                 |
| <b>WHO-PCB-TEQ (including LOQ)</b>     | <b>0,05</b>   |   |                 |
|  |   |   |                 |
|  |   |   |                 |

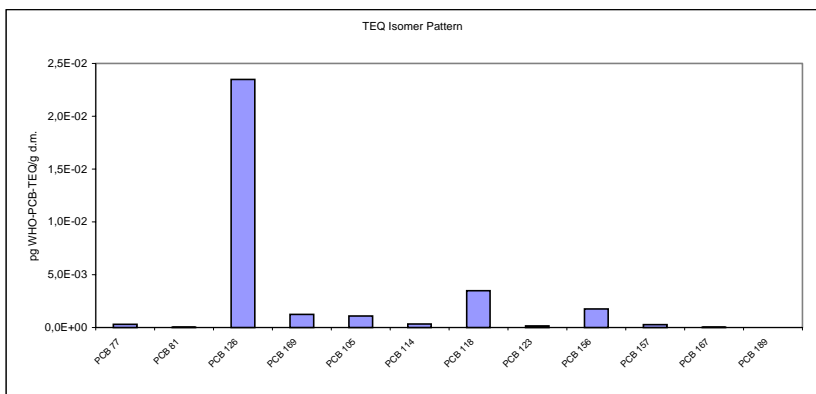
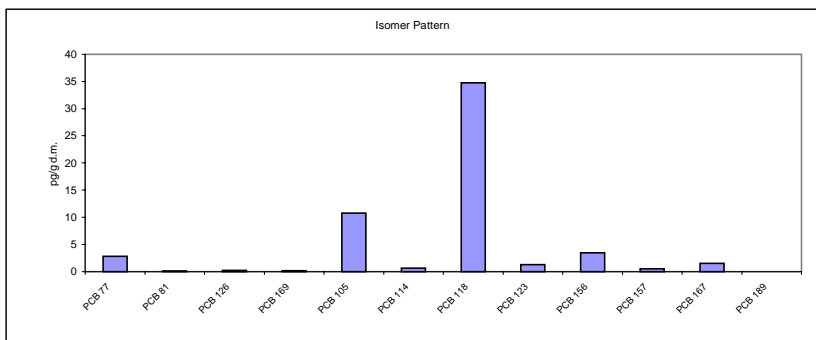
|                   |           |                |                 |
|-------------------|-----------|----------------|-----------------|
| <b>Sample ID:</b> | 411/01-16 | <b>Matrix:</b> | 021 bovine feed |
|                   |           | <b>Region:</b> | BENE            |

**Mixed Sample Composition**

no. individ. samples: 13  
 individual sample ID: 021-B-B-1 to 021-B-B-2  
 021-B-N-1 to 021-B-N-11  
 dry matter (%): 89,3

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |
|---------|-----------|--|
| PCB 77  | 2,80      | 98   |
| PCB 81  | 0,06      |  |
| PCB 126 | 0,23      | 109  |
| PCB 169 | 0,12      | 118  |
| PCB 105 | 11,00     | 110  |
| PCB 114 | 0,61      |  |
| PCB 118 | 35,00     | 102  |
| PCB 123 | 1,30      |  |
| PCB 156 | 3,50      | 100  |
| PCB 157 | 0,54      |  |
| PCB 167 | 1,50      | 82   |
| PCB 189 | < 0,50    | 98   |

**WHO-PCB-TEQ** **0,03**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,03**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,03**  
 (including LOQ)



|                   |           |                |                 |
|-------------------|-----------|----------------|-----------------|
| <b>Sample ID:</b> | 412/01-17 | <b>Matrix:</b> | 021 bovine feed |
|                   |           | <b>Region:</b> | SCAN            |

**Mixed Sample Composition**

no. individ. samples: 5  
 individual sample ID: 021-S-D-1 to 021-S-D-3  
 021-S-F-1  
 021-S-S-1

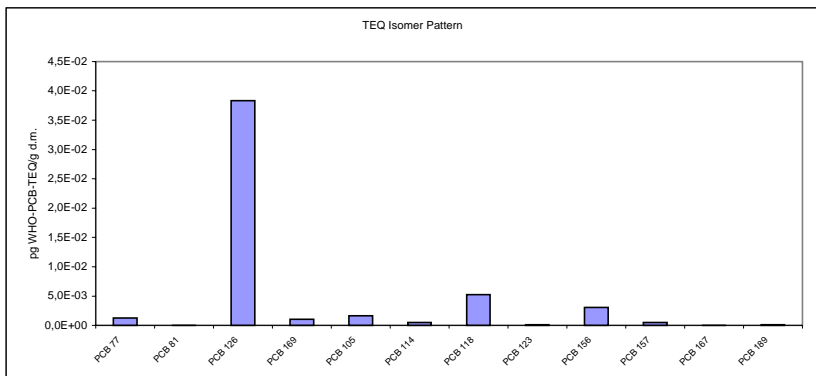
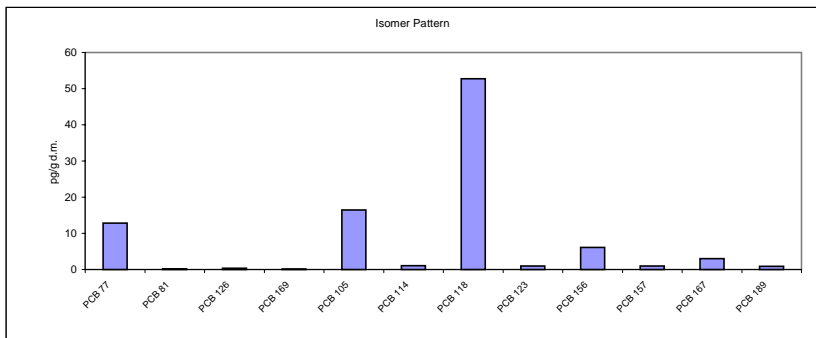
dry matter (%): 88,7

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |
|---------|-----------|--|
| PCB 77  | 13        | 62   |
| PCB 81  | 0,2       |  |
| PCB 126 | 0,4       | 103  |
| PCB 169 | 0,1       | 117  |
| PCB 105 | 16        | 98   |
| PCB 114 | 1,1       |  |
| PCB 118 | 53        | 92   |
| PCB 123 | 1,0       |  |
| PCB 156 | 6,1       | 98   |
| PCB 157 | 1,0       |  |
| PCB 167 | 3,1       | 88   |
| PCB 189 | 0,9       | 102  |

**WHO-PCB-TEQ** **0,05**  
 (excluding LOQ)

**WHO-PCB-TEQ** **0,05**  
 (including 1/2 LOQ)

**WHO-PCB-TEQ** **0,05**  
 (including LOQ)



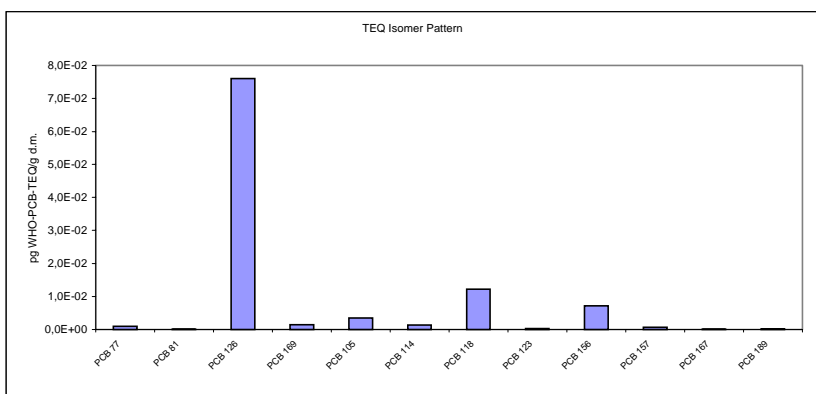
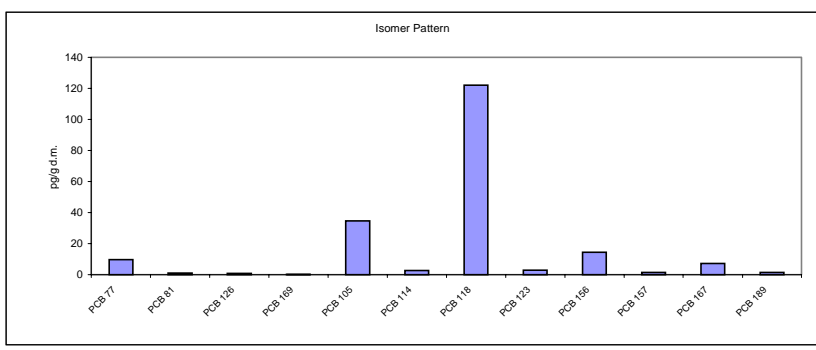
|                   |           |                |                 |
|-------------------|-----------|----------------|-----------------|
| <b>Sample ID:</b> | 413/01-18 | <b>Matrix:</b> | 021 bovine feed |
|                   |           | <b>Region:</b> | FRANCE          |

**Mixed Sample Composition**

no. individ. samples: 12  
 individual sample ID: 021-F-N-1 to 021-F-N-6  
 021-F-S-1 to 021-F-S-6  
 dry matter (%): 88,7

| Results | pg/g<br>d.m. | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|--------------|---|
| PCB 77  | 9,6          | 99  |
| PCB 81  | 0,9          |   |
| PCB 126 | 0,8          | 113   |
| PCB 169 | 0,1          | 112   |
| PCB 105 | 35           | 106   |
| PCB 114 | 2,7          |   |
| PCB 118 | 120          | 99  |
| PCB 123 | 2,8          |   |
| PCB 156 | 14           | 103   |
| PCB 157 | 1,3          |   |
| PCB 167 | 7,1          | 92  |
| PCB 189 | 1,3          | 102   |

|  |             |
|--|-------------|
| <b>WHO-PCB-TEQ<br/>(excluding LOQ)</b>     | <b>0,10</b> |
| <b>WHO-PCB-TEQ<br/>(including 1/2 LOQ)</b> | <b>0,10</b> |
| <b>WHO-PCB-TEQ<br/>(including LOQ)</b>     | <b>0,10</b> |



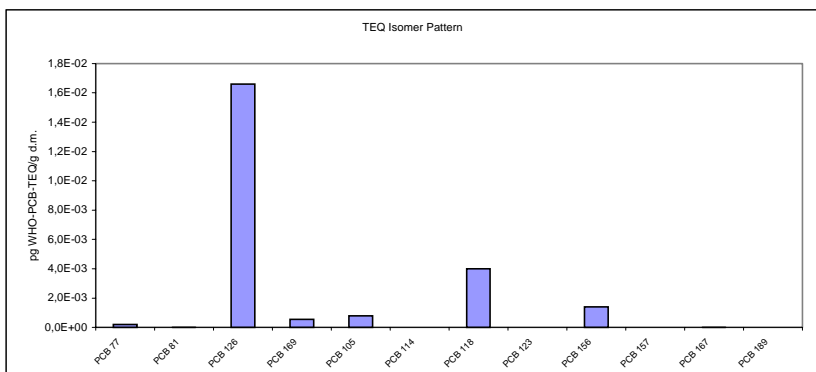
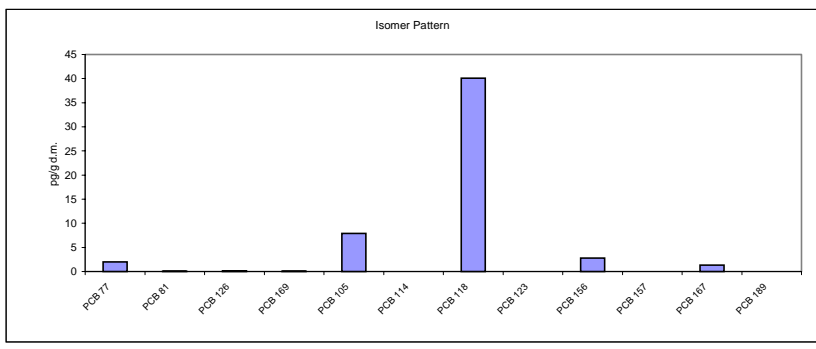
|                   |           |                |                 |
|-------------------|-----------|----------------|-----------------|
| <b>Sample ID:</b> | 414/01-20 | <b>Matrix:</b> | 021 bovine feed |
|                   |           | <b>Region:</b> | POSP            |

**Mixed Sample Composition**

no. individ. samples: 10  
 individual sample ID: 021-P-P-1, P-P-R1 to P-P-R3  
 021-P-N-1 to 021-P-N-4  
 021-P-S-1  
 dry matter (%): 89

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |     |
|---------|-----------|--|-----|
| PCB 77  | 2,00      | 94   |     |
| PCB 81  | 0,07      |  |     |
| PCB 126 | 0,17      | 112  |     |
| PCB 169 | 0,06      | 118  |     |
| PCB 105 | 7,90      | 104  |     |
| PCB 114 | <         | 0,50   |     |
| PCB 118 | 40,00     | 99   |     |
| PCB 123 | <         | 0,50   |     |
| PCB 156 | 2,80      | 104  |     |
| PCB 157 | <         | 0,50   |     |
| PCB 167 | 1,30      | 90   |     |
| PCB 189 | <         | 0,50   | 107 |

|  |             |
|--|-------------|
| <b>WHO-PCB-TEQ (excluding LOQ)</b>     | <b>0,02</b> |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b> | <b>0,02</b> |
| <b>WHO-PCB-TEQ (including LOQ)</b>     | <b>0,02</b> |



|                   |           |                |                 |
|-------------------|-----------|----------------|-----------------|
| <b>Sample ID:</b> | 415/01-18 | <b>Matrix:</b> | 021 bovine feed |
|                   |           | <b>Region:</b> | GRIT            |

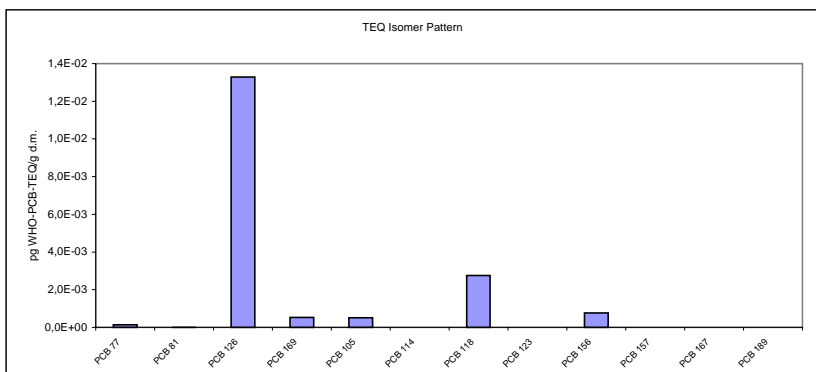
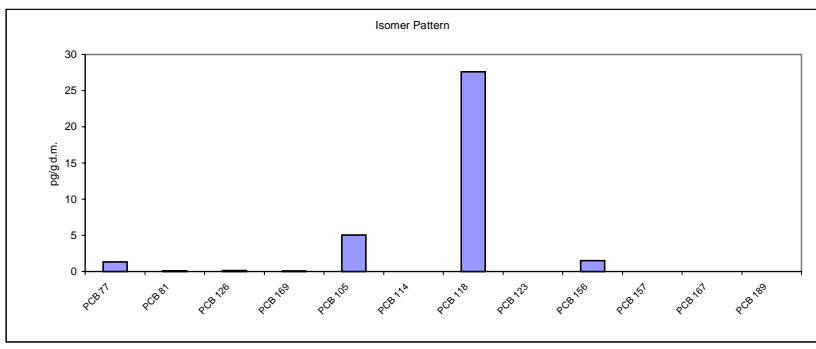
**Mixed Sample Composition**

no. individ. samples: 11  
 individual sample ID: 021-G-G-1  
 021-G-N-1 to 021-G-N-5  
 021-G-S-1 to 021-G-S-5

dry matter (%): 89,2

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |    |
|---------|-----------|--|----|
| PCB 77  | 1,30      | 98   |    |
| PCB 81  | 0,08      |  |    |
| PCB 126 | 0,13      | 113  |    |
| PCB 169 | 0,05      | 102  |    |
| PCB 105 | 5,10      | 110  |    |
| PCB 114 | <         | 0,50   |    |
| PCB 118 | 28,00     | 110  |    |
| PCB 123 | <         | 0,50   |    |
| PCB 156 | 1,50      | 99   |    |
| PCB 157 | <         | 0,50   |    |
| PCB 167 | <         | 0,50   | 77 |
| PCB 189 | <         | 0,50   | 92 |

**WHO-PCB-TEQ** **0,02**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,02**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,02**  
 (including LOQ)



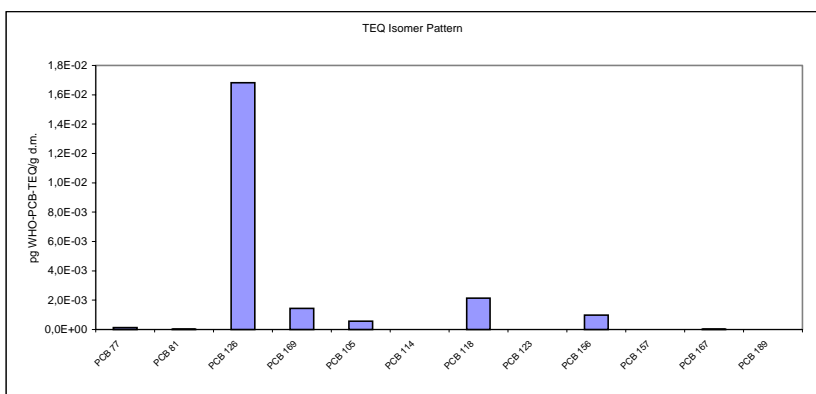
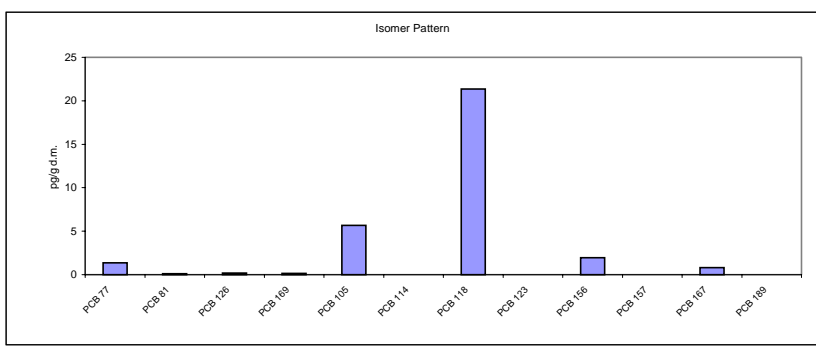
|                   |           |                |                 |
|-------------------|-----------|----------------|-----------------|
| <b>Sample ID:</b> | 416/01-15 | <b>Matrix:</b> | 021 bovine feed |
|                   |           | <b>Region:</b> | IRUK            |

**Mixed Sample Composition**

no. individ. samples: 10  
 individual sample ID: 021-I-I-1 to 021-I-I-5  
 021-I-N-1 to 021-I-N-5  
 dry matter (%): 88,9

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |
|---------|-----------|--|
| PCB 77  | 1,30      | 97   |
| PCB 81  | 0,11      |  |
| PCB 126 | 0,17      | 102  |
| PCB 169 | 0,14      | 108  |
| PCB 105 | 5,70      | 88   |
| PCB 114 | <         | 0,50   |
| PCB 118 | 21,00     | 97   |
| PCB 123 | <         | 0,50   |
| PCB 156 | 1,90      | 100  |
| PCB 157 | <         | 0,50   |
| PCB 167 | 0,81      | 90   |
| PCB 189 | <         | 0,50   |
|         |           | 103  |

|  |             |
|--|-------------|
| <b>WHO-PCB-TEQ (excluding LOQ)</b>     | <b>0,02</b> |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b> | <b>0,02</b> |
| <b>WHO-PCB-TEQ (including LOQ)</b>     | <b>0,02</b> |



9.5.22

Pig Feed

|  |                               |   |              |
|--|-------------------------------|---|--------------|
| <b>Sample ID:</b>                      | 410/01-19                     | <b>Matrix:</b>  | 022 pig feed |
|  |                               | <b>Region:</b>  | AUGE         |
| <b>Mixed Sample Composition</b>        |                               |   |              |
| no. individ. samples:                  | 12                            |   |              |
| individual sample ID:                  | 022-A-A-1                     |   |              |
|  | 022-A-N-1 to 022-A-N-6        |   |              |
|  | 022-A-S-1, A-S-3 to 022-A-S-6 |   |              |
| dry matter (%):                        | 88,7                          |   |              |
| <b>Results</b>                         | <b>pg/g d.m.</b>              | <b>Recovery rate <sup>13</sup>C<sub>12</sub> standard</b> |              |
| PCB 77                                 | 5,70                          | 96  |              |
| PCB 81                                 | 0,13                          |   |              |
| PCB 126                                | 0,60                          | 113   |              |
| PCB 169                                | 0,10                          | 118   |              |
| PCB 105                                | 40,00                         | 110   |              |
| PCB 114                                | 2,60                          |   |              |
| PCB 118                                | 130,00                        | 97  |              |
| PCB 123                                | 3,30                          |   |              |
| PCB 156                                | 24,00                         | 98  |              |
| PCB 157                                | 3,70                          |   |              |
| PCB 167                                | 12,00                         | 84  |              |
| PCB 189                                | 4,20                          | 92  |              |
| <b>WHO-PCB-TEQ (excluding LOQ)</b>     | <b>0,09</b>                   |   |              |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b> | <b>0,09</b>                   |   |              |
| <b>WHO-PCB-TEQ (including LOQ)</b>     | <b>0,09</b>                   |   |              |
|  |                               |   |              |
|  |                               |   |              |

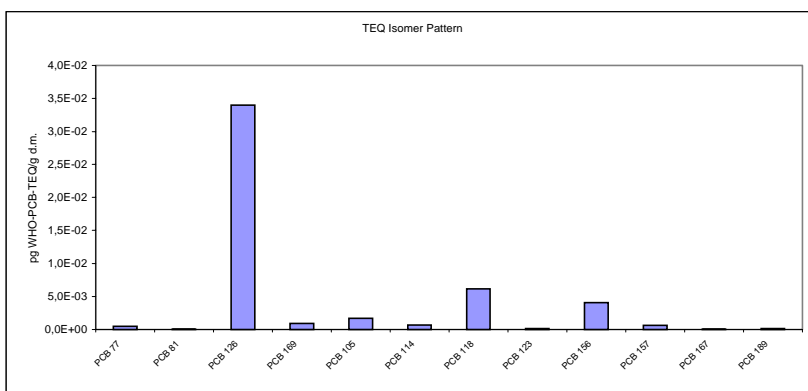
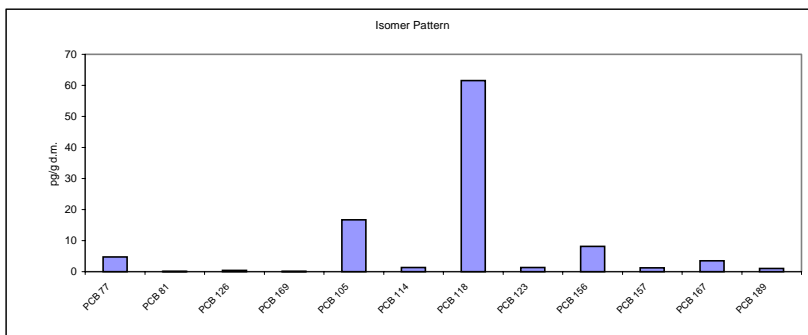
|                   |           |                |              |
|-------------------|-----------|----------------|--------------|
| <b>Sample ID:</b> | 411/01-17 | <b>Matrix:</b> | 022 pig feed |
|                   |           | <b>Region:</b> | BENE         |

**Mixed Sample Composition**

no. individ. samples: 19  
 individual sample ID: 022-B-B-1 to 021-B-B-7  
 022-B-N-1 to 021-B-N-12  
 dry matter (%): 90,37

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |
|---------|-----------|--|
| PCB 77  | 4,70      | 96   |
| PCB 81  | 0,09      |  |
| PCB 126 | 0,34      | 112  |
| PCB 169 | 0,09      | 101  |
| PCB 105 | 17,00     | 105  |
| PCB 114 | 1,30      |  |
| PCB 118 | 62,00     | 101  |
| PCB 123 | 1,30      |  |
| PCB 156 | 8,10      | 99   |
| PCB 157 | 1,20      |  |
| PCB 167 | 3,50      | 90   |
| PCB 189 | 0,95      | 102  |

**WHO-PCB-TEQ (excluding LOQ) 0,05**  
**WHO-PCB-TEQ (including 1/2 LOQ) 0,05**  
**WHO-PCB-TEQ (including LOQ) 0,05**



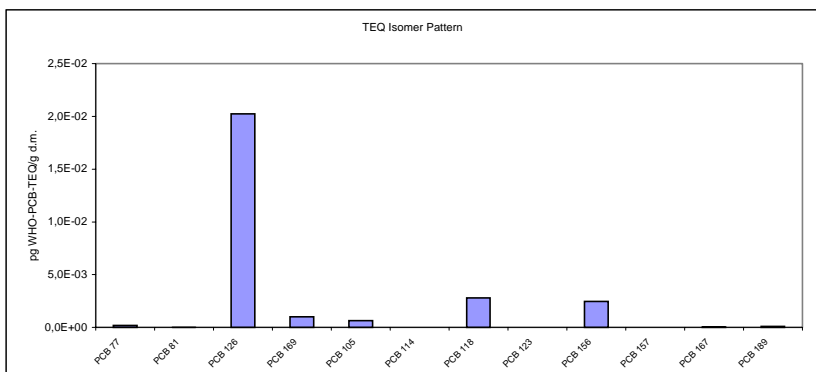
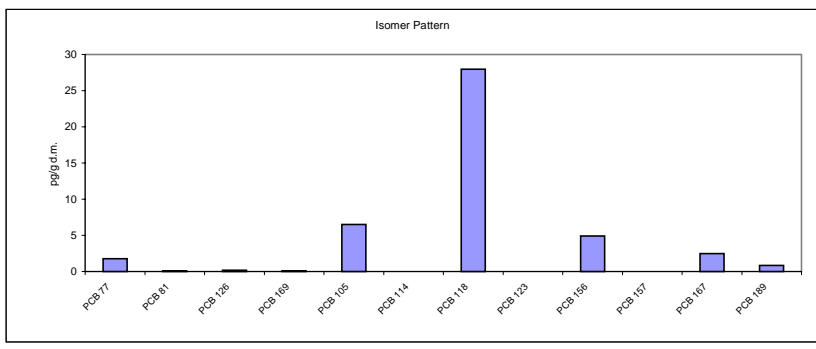
|                   |           |                |              |
|-------------------|-----------|----------------|--------------|
| <b>Sample ID:</b> | 412/01-18 | <b>Matrix:</b> | 022 pig feed |
|                   |           | <b>Region:</b> | SCAN         |

**Mixed Sample Composition**

no. individ. samples: 9  
 individual sample ID: 022-S-D-1 to 022-S-D-7  
 022-S-F-1  
 022-S-S-1  
 dry matter (%): 88,7

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |
|---------|-----------|--|
| PCB 77  | 1,80      | 102  |
| PCB 81  | 0,10      |  |
| PCB 126 | 0,20      | 114  |
| PCB 169 | 0,10      | 106  |
| PCB 105 | 6,50      | 111  |
| PCB 114 | <         | 0,50   |
| PCB 118 | 28,00     | 102  |
| PCB 123 | <         | 0,50   |
| PCB 156 | 4,90      | 105  |
| PCB 157 | <         | 0,50   |
| PCB 167 | 2,50      | 93   |
| PCB 189 | 0,86      | 108  |

|  |             |
|--|-------------|
| <b>WHO-PCB-TEQ (excluding LOQ)</b>     | <b>0,03</b> |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b> | <b>0,03</b> |
| <b>WHO-PCB-TEQ (including LOQ)</b>     | <b>0,03</b> |



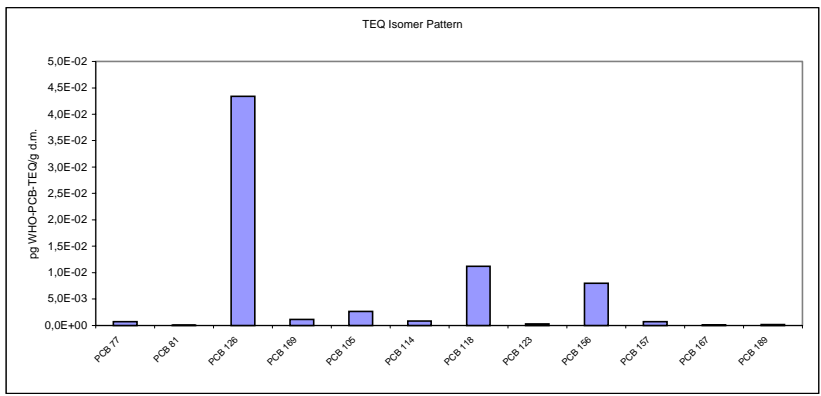
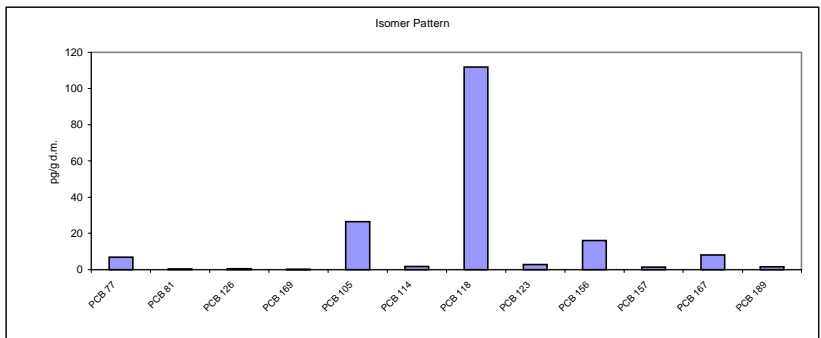
|                   |           |                |              |
|-------------------|-----------|----------------|--------------|
| <b>Sample ID:</b> | 413/01-19 | <b>Matrix:</b> | 022 pig feed |
|                   |           | <b>Region:</b> | FRANCE       |

**Mixed Sample Composition**

no. individ. samples: 13  
 individual sample ID: 022-F-N-2 to 022-F-N-7  
 022-F-S-1 to 022-F-S-6  
 dry matter (%): 87,5

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |
|---------|-----------|--|
| PCB 77  | 6,90      | 100  |
| PCB 81  | 0,31      |  |
| PCB 126 | 0,43      | 102  |
| PCB 169 | 0,11      | 118  |
| PCB 105 | 26,00     | 108  |
| PCB 114 | 1,70      |  |
| PCB 118 | 110,00    | 100  |
| PCB 123 | 2,80      |  |
| PCB 156 | 16,00     | 101  |
| PCB 157 | 1,40      |  |
| PCB 167 | 8,00      | 90   |
| PCB 189 | 1,50      | 104  |

**WHO-PCB-TEQ (excluding LOQ)**                    **0,07**  
**WHO-PCB-TEQ (including 1/2 LOQ)**                    **0,07**  
**WHO-PCB-TEQ (including LOQ)**                    **0,07**



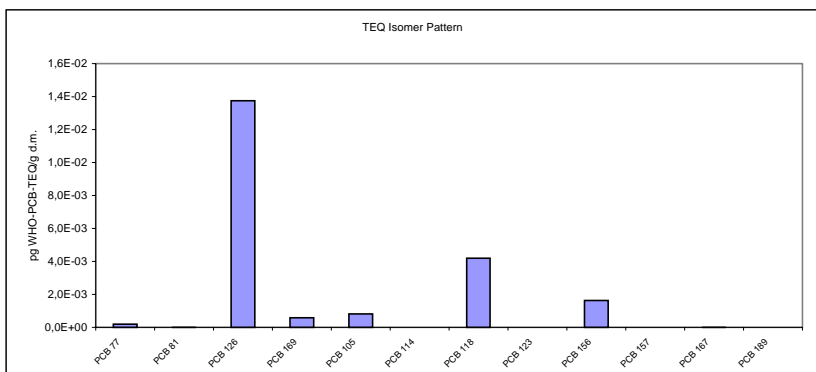
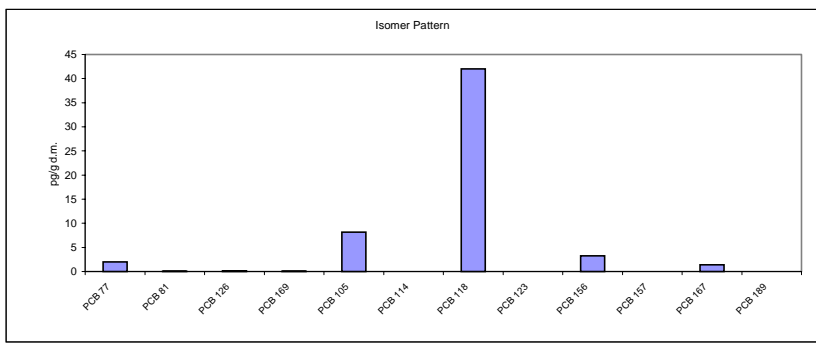
|                   |           |                |              |
|-------------------|-----------|----------------|--------------|
| <b>Sample ID:</b> | 414/01-21 | <b>Matrix:</b> | 022 pig feed |
|                   |           | <b>Region:</b> | POSP         |

**Mixed Sample Composition**

no. individ. samples: 9  
 individual sample ID: 022-P-P-1 to 022-P-P-3  
 022-P-N-1 to 022-P-N-3  
 022-P-S-1 to 022-P-S-3  
 dry matter (%): 90,2

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |     |
|---------|-----------|--|-----|
| PCB 77  | 2,00      | 100  |     |
| PCB 81  | 0,06      |  |     |
| PCB 126 | 0,14      | 108  |     |
| PCB 169 | 0,06      | 117  |     |
| PCB 105 | 8,20      | 113  |     |
| PCB 114 | <         | 0,50   |     |
| PCB 118 | 42,00     | 105  |     |
| PCB 123 | <         | 0,50   |     |
| PCB 156 | 3,30      | 107  |     |
| PCB 157 | <         | 0,50   |     |
| PCB 167 | 1,40      | 91   |     |
| PCB 189 | <         | 0,50   | 106 |

|  |             |
|--|-------------|
| <b>WHO-PCB-TEQ (excluding LOQ)</b>     | <b>0,02</b> |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b> | <b>0,02</b> |
| <b>WHO-PCB-TEQ (including LOQ)</b>     | <b>0,02</b> |



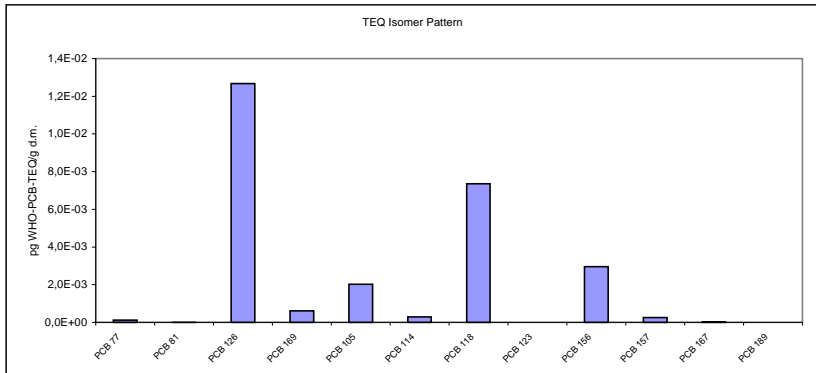
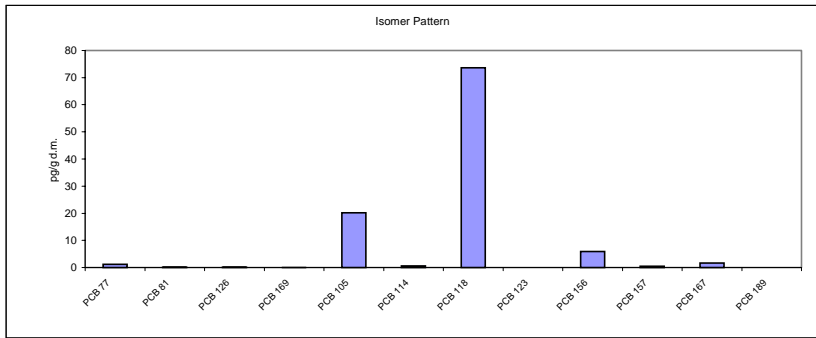
|                   |           |                |              |
|-------------------|-----------|----------------|--------------|
| <b>Sample ID:</b> | 415/01-19 | <b>Matrix:</b> | 022 pig feed |
|                   |           | <b>Region:</b> | GRIT         |

**Mixed Sample Composition**

no. individ. samples: 5  
 individual sample ID: 022-G-G-1  
 002-G-N-1 to 022-G-N-2  
 022-G-S-1 to 022-G-S-2  
 dry matter (%): 88,7

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |
|---------|-----------|--|
| PCB 77  | 1,20      | 96   |
| PCB 81  | 0,11      |  |
| PCB 126 | 0,13      | 117  |
| PCB 169 | 0,06      | 98   |
| PCB 105 | 20,00     | 105  |
| PCB 114 | 0,60      |  |
| PCB 118 | 74,00     | 104  |
| PCB 123 | <         | 0,50   |
| PCB 156 | <         | 5,90   |
| PCB 157 | <         | 0,50   |
| PCB 167 | <         | 1,60   |
| PCB 189 | <         | 0,50   |

**WHO-PCB-TEQ** **0,03**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,03**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,03**  
 (including LOQ)



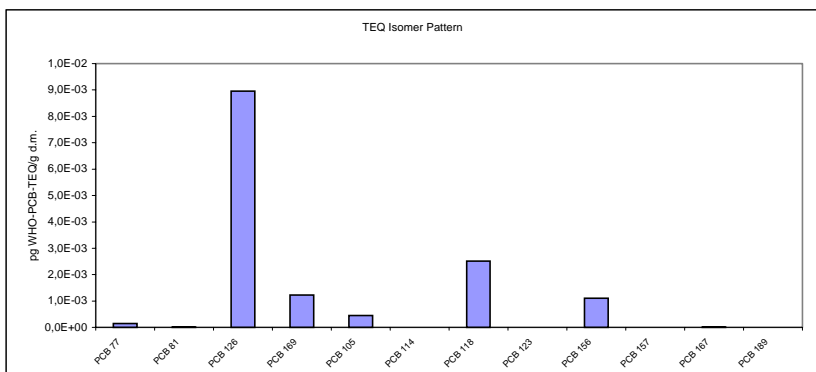
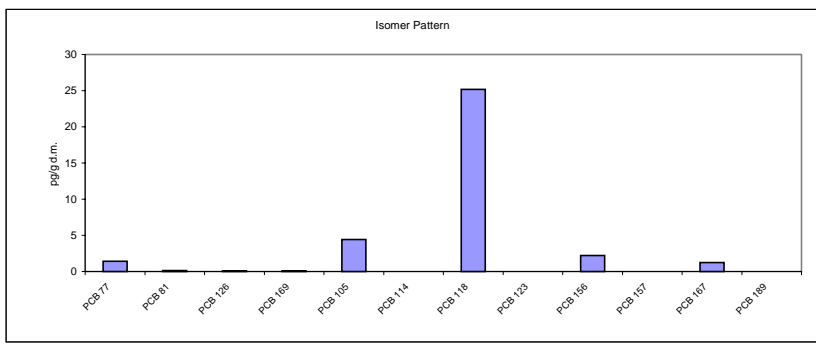
|                   |           |                |              |
|-------------------|-----------|----------------|--------------|
| <b>Sample ID:</b> | 416/01-16 | <b>Matrix:</b> | 022 pig feed |
|                   |           | <b>Region:</b> | IRUK         |

**Mixed Sample Composition**

no. individ. samples: 4  
 individual sample ID: 022-I-I-1 to 022-I-I-2  
 022-I-N-1  
 022-I-N-3  
 dry matter (%): 89,4

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |     |
|---------|-----------|--|-----|
| PCB 77  | 1,40      | 99   |     |
| PCB 81  | 0,16      |  |     |
| PCB 126 | 0,09      | 111  |     |
| PCB 169 | 0,12      | 113  |     |
| PCB 105 | 4,40      | 108  |     |
| PCB 114 | <         | 0,50   |     |
| PCB 118 | 25,00     | 99   |     |
| PCB 123 | <         | 0,50   |     |
| PCB 156 | 2,20      | 103  |     |
| PCB 157 | <         | 0,50   |     |
| PCB 167 | 1,20      | 107  |     |
| PCB 189 | <         | 0,50   | 106 |

|  |             |
|--|-------------|
| <b>WHO-PCB-TEQ (excluding LOQ)</b>     | <b>0,01</b> |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b> | <b>0,01</b> |
| <b>WHO-PCB-TEQ (including LOQ)</b>     | <b>0,02</b> |



9.5.23

Poultry Feed

|  |                        |   |                  |
|--|------------------------|---|------------------|
| <b>Sample ID:</b>                      | 410/01-20              | <b>Matrix:</b>  | 023 poultry feed |
|  |                        | <b>Region:</b>  | AUGE             |
| <b>Mixed Sample Composition</b>        |                        |   |                  |
| no. individ. samples:                  | 11                     |   |                  |
| individual sample ID:                  | 023-A-A-1              |   |                  |
|  | 023-A-N-1 to 023-A-N-5 |   |                  |
|  | 023-A-S-1 to 023-A-S-5 |   |                  |
| dry matter (%):                        | 89,7                   |   |                  |
| <b>Results</b>                         | <b>pg/g d.m.</b>       | <b>Recovery rate <sup>13</sup>C<sub>12</sub> standard</b> |                  |
| PCB 77                                 | 1,20                   | 94  |                  |
| PCB 81                                 | 0,08                   |   |                  |
| PCB 126                                | 0,10                   | 115   |                  |
| PCB 169                                | <                      | 0,03 116  |                  |
| PCB 105                                | 7,40                   | 111   |                  |
| PCB 114                                | <                      | 0,50  |                  |
| PCB 118                                | 43,00                  | 99  |                  |
| PCB 123                                | 1,40                   |   |                  |
| PCB 156                                | 8,10                   | 98  |                  |
| PCB 157                                | 0,55                   |   |                  |
| PCB 167                                | 2,80                   | 87  |                  |
| PCB 189                                | 0,93                   | 96  |                  |
| <b>WHO-PCB-TEQ (excluding LOQ)</b>     | <b>0,02</b>            |   |                  |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b> | <b>0,02</b>            |   |                  |
| <b>WHO-PCB-TEQ (including LOQ)</b>     | <b>0,02</b>            |   |                  |
|  |                        |   |                  |
|  |                        |   |                  |

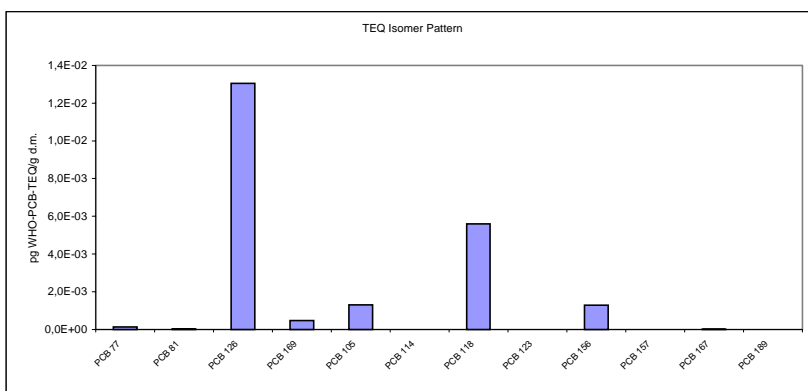
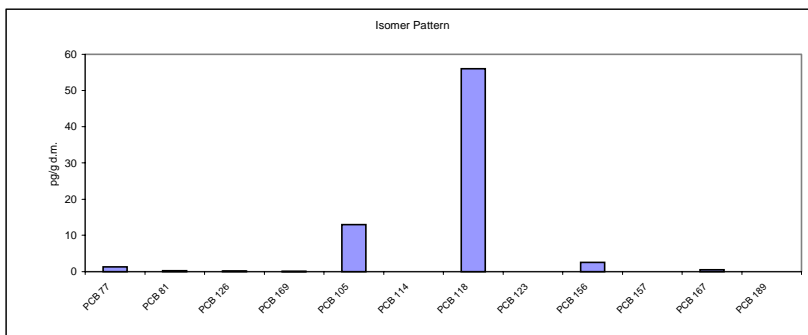
|                   |           |                |                  |
|-------------------|-----------|----------------|------------------|
| <b>Sample ID:</b> | 411/01-18 | <b>Matrix:</b> | 023 poultry feed |
|                   |           | <b>Region:</b> | BENE             |

**Mixed Sample Composition**

no. individ. samples: 10  
 individual sample ID: 023-B-B-1 to 023-B-B-3  
 023-B-N-1 to 023-B-N-7  
 dry matter (%): 89,7

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |
|---------|-----------|--|
| PCB 77  | 1,30      | 76   |
| PCB 81  | 0,26      |  |
| PCB 126 | 0,13      | 100  |
| PCB 169 | 0,05      | 97   |
| PCB 105 | 13,00     | 84   |
| PCB 114 | < 0,50    |  |
| PCB 118 | 56,00     | 85   |
| PCB 123 | < 0,50    |  |
| PCB 156 | 2,60      | 91   |
| PCB 157 | < 0,50    |  |
| PCB 167 | 0,50      | 81   |
| PCB 189 | < 0,50    | 77   |

**WHO-PCB-TEQ (excluding LOQ) 0,02**  
**WHO-PCB-TEQ (including 1/2 LOQ) 0,02**  
**WHO-PCB-TEQ (including LOQ) 0,02**



|                   |           |                |                  |
|-------------------|-----------|----------------|------------------|
| <b>Sample ID:</b> | 412/01-19 | <b>Matrix:</b> | 023 poultry feed |
|                   |           | <b>Region:</b> | SCAN             |

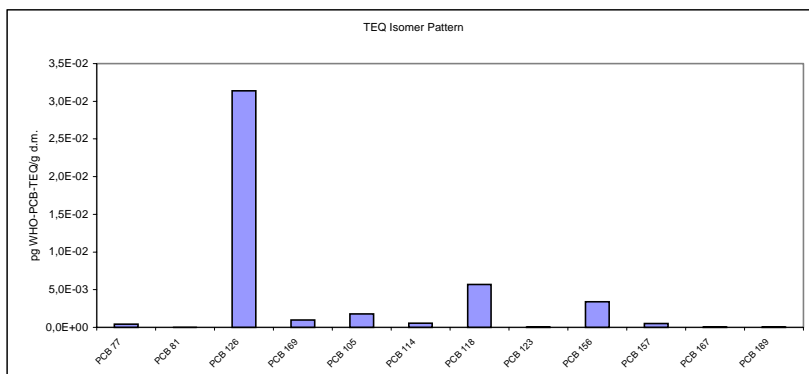
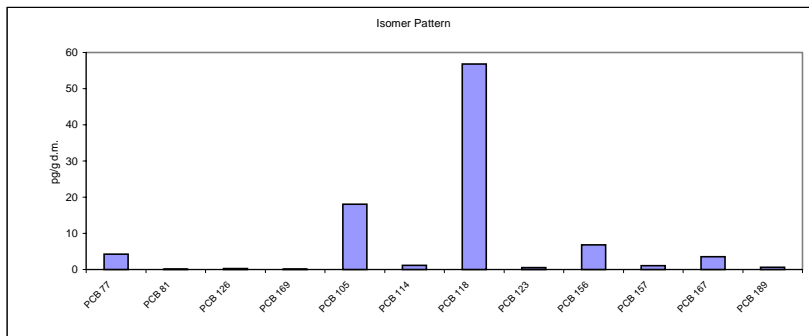
**Mixed Sample Composition**

no. individ. samples: 3  
 individual sample ID: 023-S-D-1  
 023-S-F-1  
 023-S-D-R6

dry matter (%): 89,2

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |
|---------|-----------|--|
| PCB 77  | 4,20      | 97   |
| PCB 81  | 0,13      |  |
| PCB 126 | 0,31      | 113  |
| PCB 169 | 0,10      | 117  |
| PCB 105 | 18,00     | 108  |
| PCB 114 | 1,10      |  |
| PCB 118 | 57,00     | 100  |
| PCB 123 | 0,56      |  |
| PCB 156 | 6,80      | 97   |
| PCB 157 | 1,10      |  |
| PCB 167 | 3,50      | 86   |
| PCB 189 | 0,63      | 107  |

**WHO-PCB-TEQ** **0,04**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,04**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,04**  
 (including LOQ)



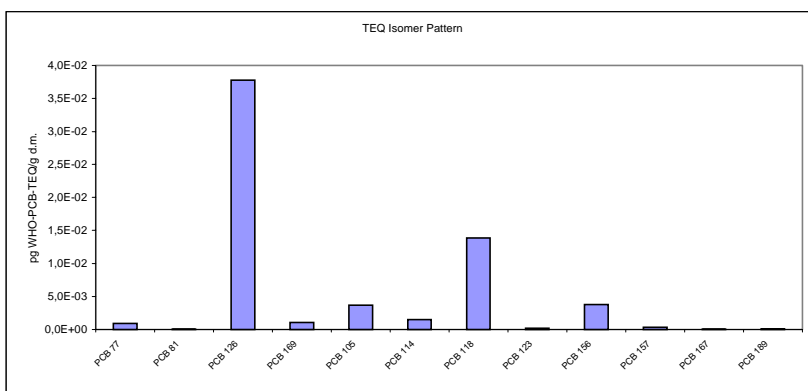
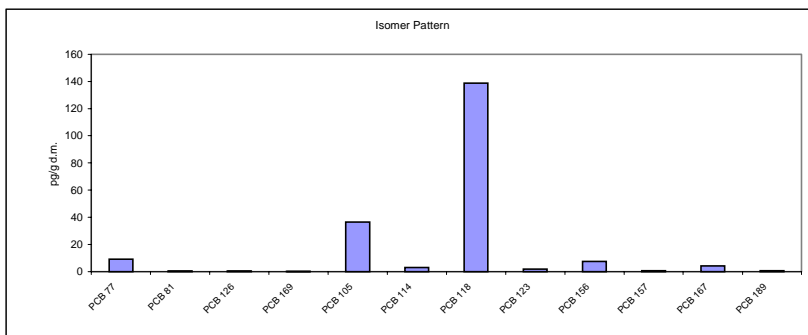
|                   |           |                |                  |
|-------------------|-----------|----------------|------------------|
| <b>Sample ID:</b> | 413/01-20 | <b>Matrix:</b> | 023 poultry feed |
|                   |           | <b>Region:</b> | FRANCE           |

**Mixed Sample Composition**

no. individ. samples: 24  
 individual sample ID: 023-F-N-1 to 023-F-N-12  
 023-F-S-1 to 023-F-S-12  
 dry matter (%): 88,3

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |
|---------|-----------|--|
| PCB 77  | 9,10      | 96   |
| PCB 81  | 0,25      |  |
| PCB 126 | 0,38      | 118  |
| PCB 169 | 0,10      | 116  |
| PCB 105 | 36,00     | 106  |
| PCB 114 | 2,90      |  |
| PCB 118 | 140,00    | 98   |
| PCB 123 | 1,70      |  |
| PCB 156 | 7,50      | 100  |
| PCB 157 | 0,67      |  |
| PCB 167 | 4,20      | 90   |
| PCB 189 | 0,72      | 104  |

**WHO-PCB-TEQ** **0,06**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,06**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,06**  
 (including LOQ)



|                   |           |                |                  |
|-------------------|-----------|----------------|------------------|
| <b>Sample ID:</b> | 414/01-22 | <b>Matrix:</b> | 023 poultry feed |
|                   |           | <b>Region:</b> | POSP             |

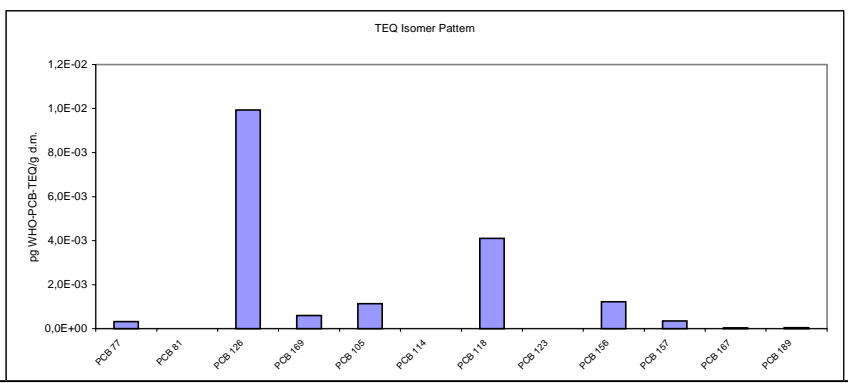
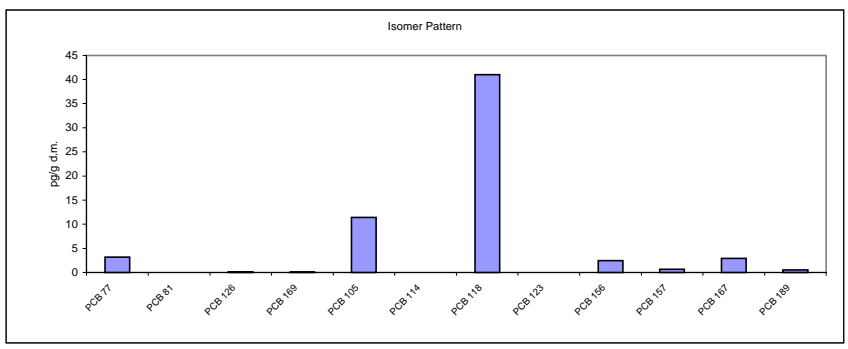
**Mixed Sample Composition**

no. individ. samples: 13  
 individual sample ID: 023-P-P-1 to 023-P-P-3  
 023-P-N-1 to 023-P-N-5  
 023-P-S-1 to 023-P-S-5

dry matter (%): 89,9

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |
|---------|-----------|--|
| PCB 77  | 3,20      | 99   |
| PCB 81  | < 0,03    |  |
| PCB 126 | 0,10      | 114  |
| PCB 169 | 0,06      | 106  |
| PCB 105 | 11,00     | 119  |
| PCB 114 | < 0,50    |  |
| PCB 118 | 41,00     | 114  |
| PCB 123 | < 0,50    |  |
| PCB 156 | 2,50      | 103  |
| PCB 157 | 0,69      |  |
| PCB 167 | 2,90      | 88   |
| PCB 189 | 0,50      | 97   |

**WHO-PCB-TEQ** **0,02**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,02**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,02**  
 (including LOQ)



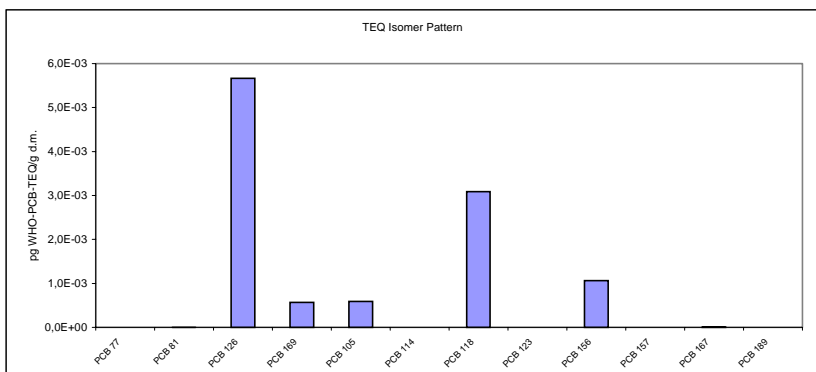
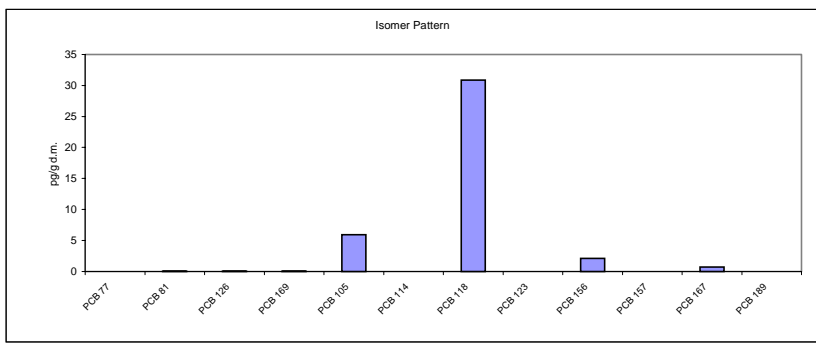
|                   |           |                |                  |
|-------------------|-----------|----------------|------------------|
| <b>Sample ID:</b> | 415/01-20 | <b>Matrix:</b> | 023 poultry feed |
|                   |           | <b>Region:</b> | GRIT             |

**Mixed Sample Composition**

no. individ. samples: 13  
 individual sample ID: 023-G-G-1  
 023-G-N-1 to 023-G-N-6,G-N-R2  
 023-G-S-1 to 023-G-S-5  
 dry matter (%): 89,6

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |
|---------|-----------|--|
| PCB 77  | <         | 0,50   |
| PCB 81  |           | 0,05   |
| PCB 126 |           | 0,06   |
| PCB 169 |           | 0,06   |
| PCB 105 |           | 5,90   |
| PCB 114 | <         | 0,50   |
| PCB 118 |           | 31,00  |
| PCB 123 | <         | 0,50   |
| PCB 156 |           | 2,10   |
| PCB 157 | <         | 0,50   |
| PCB 167 |           | 0,73   |
| PCB 189 | <         | 0,50   |

|  |             |
|--|-------------|
| <b>WHO-PCB-TEQ (excluding LOQ)</b>     | <b>0,01</b> |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b> | <b>0,01</b> |
| <b>WHO-PCB-TEQ (including LOQ)</b>     | <b>0,01</b> |



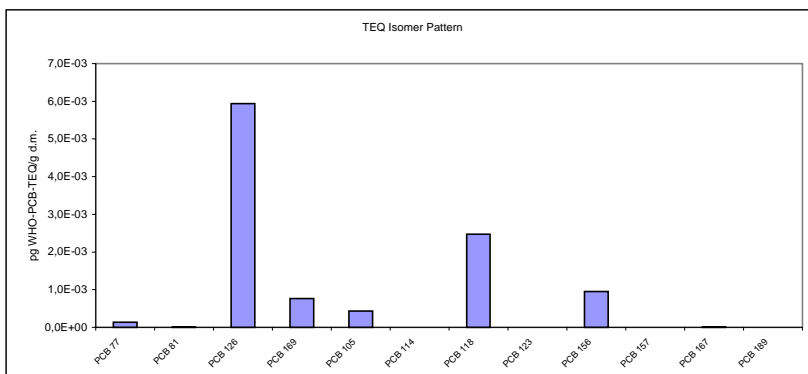
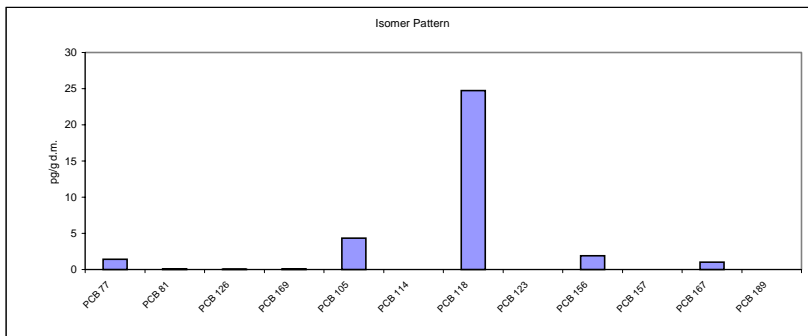
|                   |           |                |                  |
|-------------------|-----------|----------------|------------------|
| <b>Sample ID:</b> | 416/01-17 | <b>Matrix:</b> | 023 poultry feed |
|                   |           | <b>Region:</b> | IRUK             |

**Mixed Sample Composition**

no. individ. samples: 9  
 individual sample ID: 023-I-I-1, 023-I-I-R1 to 023-I-I-R6  
 023-I-N-1  
 023-I-S-1  
 dry matter (%): 89,6

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |
|---------|-----------|--|
| PCB 77  | 1,40      | 101  |
| PCB 81  | 0,09      |  |
| PCB 126 | 0,06      | 105  |
| PCB 169 | 0,08      | 116  |
| PCB 105 | 4,30      | 109  |
| PCB 114 | <         | 0,50   |
| PCB 118 | 25,00     | 100  |
| PCB 123 | <         | 0,50   |
| PCB 156 | 1,90      | 102  |
| PCB 157 | <         | 0,50   |
| PCB 167 | 1,00      | 90   |
| PCB 189 | <         | 0,50   |

**WHO-PCB-TEQ** **0,01**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,01**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,01**  
 (including LOQ)



9.5.24

Wheat

| Sample ID:                             | 410/01-21               | Matrix:   | 024 wheat |
|--|-------------------------|---|-----------|
|  |                         | Region:   | AUGE      |
| <b>Mixed Sample Composition</b>        |                         |   |           |
| no. individ. samples:                  | 19                      |   |           |
| individual sample ID:                  | 024-A-A-1               |   |           |
|  | 024-A-N-1 to 024-A-N-11 |   |           |
|  | 024-A-S-1 to 024-A-S-7  |   |           |
| dry matter (%):                        | 87,660                  |   |           |
| <b>Results</b>                         | <b>pg/g d.m.</b>        | <b>Recovery rate <sup>13</sup>C<sub>12</sub> standard</b> |           |
| PCB 77                                 | 1,80                    | 104   |           |
| PCB 81                                 | 0,05                    |   |           |
| PCB 126                                | 0,07                    | 105   |           |
| PCB 169                                | 0,05                    | 110   |           |
| PCB 105                                | 4,50                    | 108   |           |
| PCB 114                                | 0,55                    |   |           |
| PCB 118                                | 23,00                   | 107   |           |
| PCB 123                                | 0,94                    |   |           |
| PCB 156                                | 2,70                    | 104   |           |
| PCB 157                                | 0,27                    |   |           |
| PCB 167                                | 1,70                    | 87  |           |
| PCB 189                                | 0,22                    | 98  |           |
| <b>WHO-PCB-TEQ (excluding LOQ)</b>     | <b>0,012</b>            |   |           |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b> | <b>0,012</b>            |   |           |
| <b>WHO-PCB-TEQ (including LOQ)</b>     | <b>0,012</b>            |   |           |
|  |                         |   |           |
|  |                         |   |           |

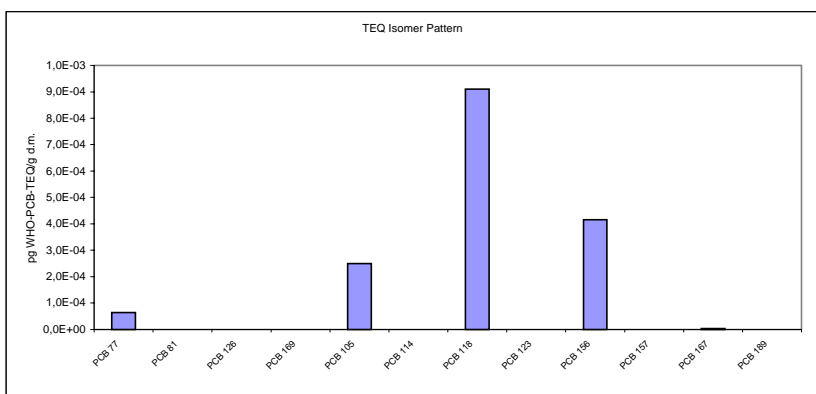
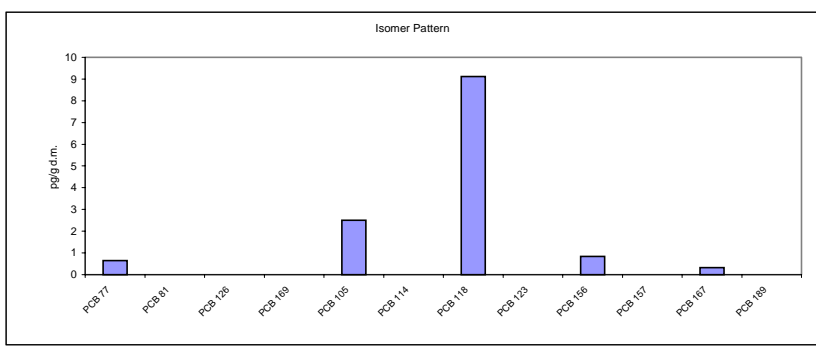
|                   |           |                |           |
|-------------------|-----------|----------------|-----------|
| <b>Sample ID:</b> | 411/01-19 | <b>Matrix:</b> | 024 wheat |
|                   |           | <b>Region:</b> | BENE      |

**Mixed Sample Composition**

no. individ. samples: 3  
 individual sample ID: 024-B-B-1to 024-B-B-2  
 024-B-N-1  
 dry matter (%): 90,500

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |
|---------|-----------|--|
| PCB 77  | 0,640     | 104  |
| PCB 81  | <         | 0,010  |
| PCB 126 | <         | 0,010  |
| PCB 169 | <         | 0,010  |
| PCB 105 | 2,500     | 115  |
| PCB 114 | <         | 0,200  |
| PCB 118 | 9,100     | 117  |
| PCB 123 | <         | 0,200  |
| PCB 156 | 0,830     | 107  |
| PCB 157 | <         | 0,200  |
| PCB 167 | 0,320     | 112  |
| PCB 189 | <         | 0,200  |

|  |              |
|--|--------------|
| <b>WHO-PCB-TEQ (excluding LOQ)</b>     | <b>0,002</b> |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b> | <b>0,002</b> |
| <b>WHO-PCB-TEQ (including LOQ)</b>     | <b>0,003</b> |



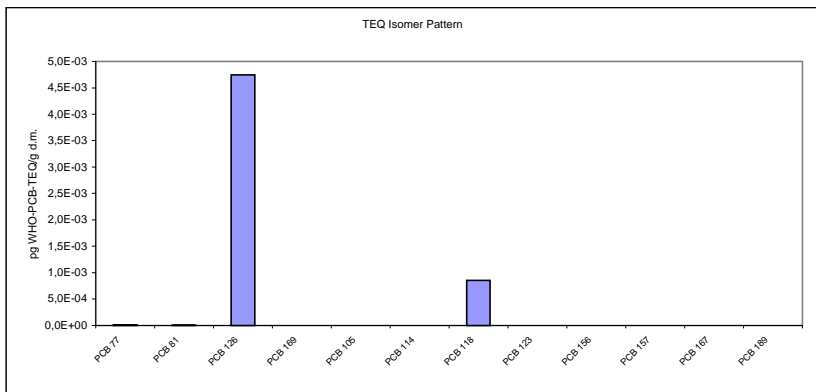
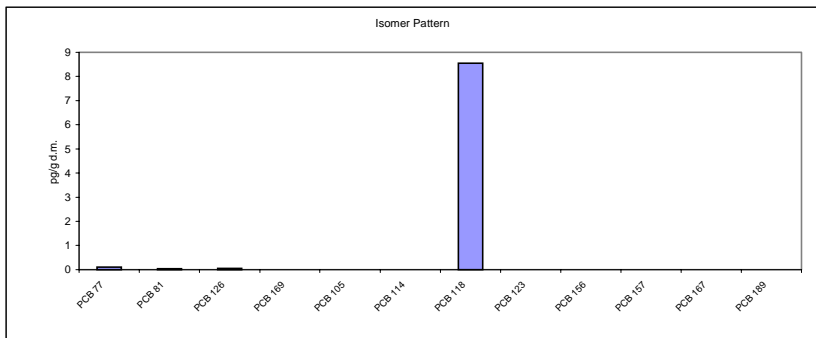
|                   |           |                |           |
|-------------------|-----------|----------------|-----------|
| <b>Sample ID:</b> | 412/01-20 | <b>Matrix:</b> | 024 wheat |
|                   |           | <b>Region:</b> | SCAN      |

**Mixed Sample Composition**

no. individ. samples: 7  
 individual sample ID: 024-S-D-1 to 024-S-D-5  
 024-S-S-1 to 024-S-S-2  
 dry matter (%): 87,600

| Results | pg/g<br>d.m. | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|--------------|---|
| PCB 77  | <            | 0,10 < 90   |
| PCB 81  |              | 0,03  |
| PCB 126 |              | 0,05 96   |
| PCB 169 | <            | 0,02 < 102  |
| PCB 105 | <            | 0,50 < 88   |
| PCB 114 | <            | 0,20 <  |
| PCB 118 |              | 8,50 90   |
| PCB 123 | <            | 0,20 <  |
| PCB 156 | <            | 0,30 < 94   |
| PCB 157 | <            | 0,20 <  |
| PCB 167 | <            | 0,20 < 95   |
| PCB 189 | <            | 0,20 < 89   |

**WHO-PCB-TEQ** **0,006**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,006**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,006**  
 (including LOQ)



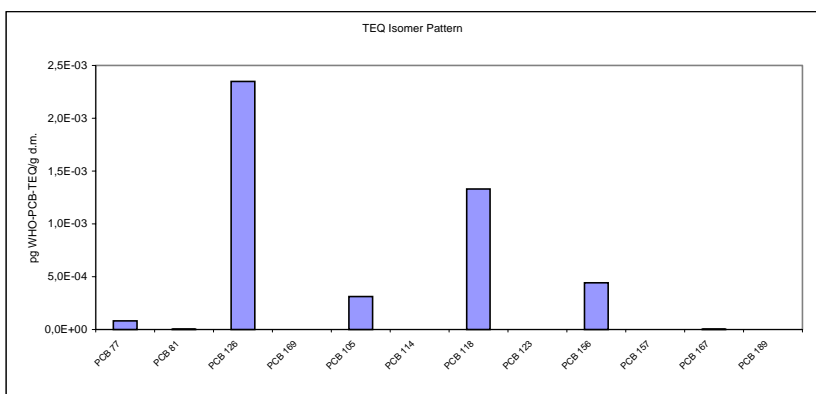
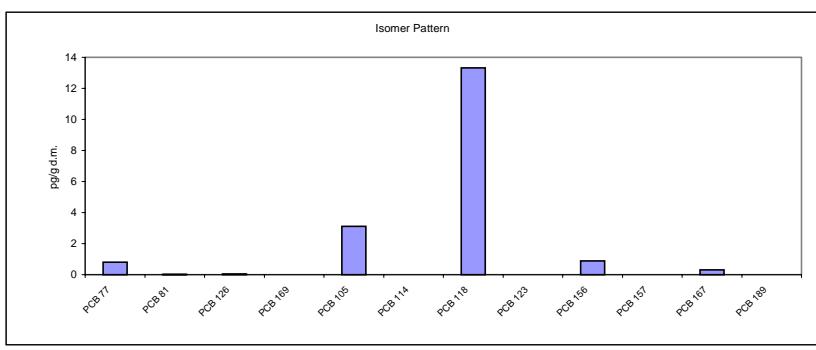
|                   |           |                |           |
|-------------------|-----------|----------------|-----------|
| <b>Sample ID:</b> | 413/01-21 | <b>Matrix:</b> | 024 wheat |
|                   |           | <b>Region:</b> | FRANCE    |

**Mixed Sample Composition**

no. individ. samples: 17  
 individual sample ID: 024-F-N-1 to 024-F-N-14  
 024-F-S-1 to 024-F-S-3  
 dry matter (%): 88,000

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |
|---------|-----------|--|
| PCB 77  | 0,79      | 103  |
| PCB 81  | 0,01      |  |
| PCB 126 | 0,02      | 112  |
| PCB 169 | <         | 0,01 103   |
| PCB 105 | 3,10      | 107  |
| PCB 114 | <         | 0,20   |
| PCB 118 | 13,00     | 100  |
| PCB 123 | <         | 0,20   |
| PCB 156 | 0,88      | 103  |
| PCB 157 | <         | 0,20   |
| PCB 167 | 0,30      | 86   |
| PCB 189 | <         | 0,20 100   |

|  |              |
|--|--------------|
| <b>WHO-PCB-TEQ (excluding LOQ)</b>     | <b>0,005</b> |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b> | <b>0,005</b> |
| <b>WHO-PCB-TEQ (including LOQ)</b>     | <b>0,005</b> |



|                   |           |                |           |
|-------------------|-----------|----------------|-----------|
| <b>Sample ID:</b> | 414/01-23 | <b>Matrix:</b> | 024 wheat |
|                   |           | <b>Region:</b> | POSP      |

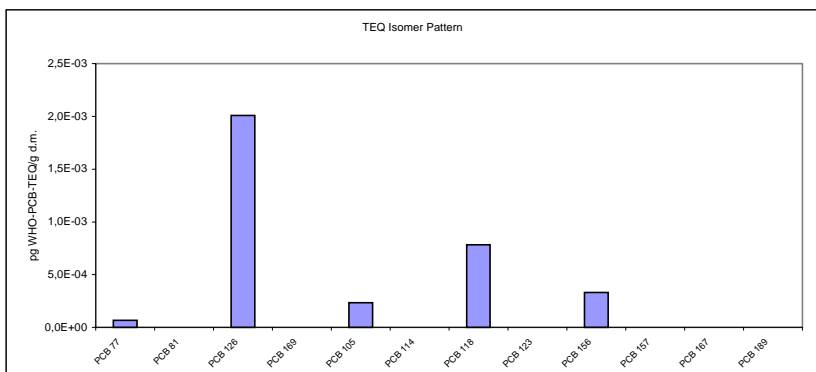
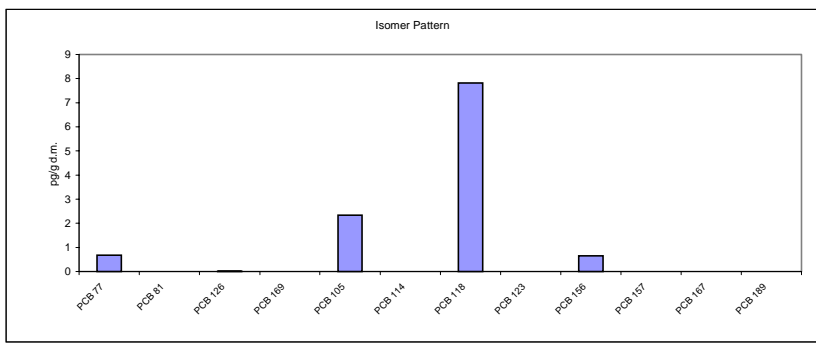
**Mixed Sample Composition**

no. individ. samples: 6  
 individual sample ID: 024-P-P-1 to  
 024-P-N-1 to 024-P-N-2  
 024-P-S-1 to 024-P-S-3

dry matter (%): 90,800

| Results | pg/g<br>d.m. | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|--------------|---|
| PCB 77  | 0,68         | 107   |
| PCB 81  | <            | 0,01  |
| PCB 126 | 0,02         | 114   |
| PCB 169 | <            | 0,01  |
| PCB 105 | 2,30         | 114   |
| PCB 114 | <            | 0,20  |
| PCB 118 | 7,80         | 104   |
| PCB 123 | <            | 0,20  |
| PCB 156 | 0,66         | 108   |
| PCB 157 | <            | 0,20  |
| PCB 167 | <            | 0,30  |
| PCB 189 | <            | 0,20  |

**WHO-PCB-TEQ** **0,003**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,004**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,004**  
 (including LOQ)



|                   |           |                |           |
|-------------------|-----------|----------------|-----------|
| <b>Sample ID:</b> | 415/01-21 | <b>Matrix:</b> | 024 wheat |
|                   |           | <b>Region:</b> | GRIT      |

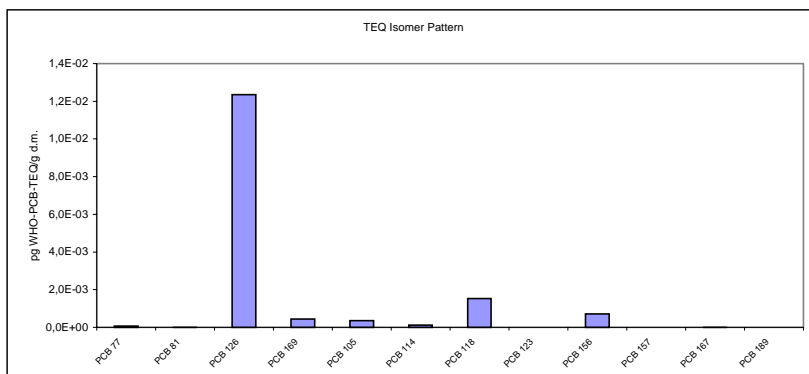
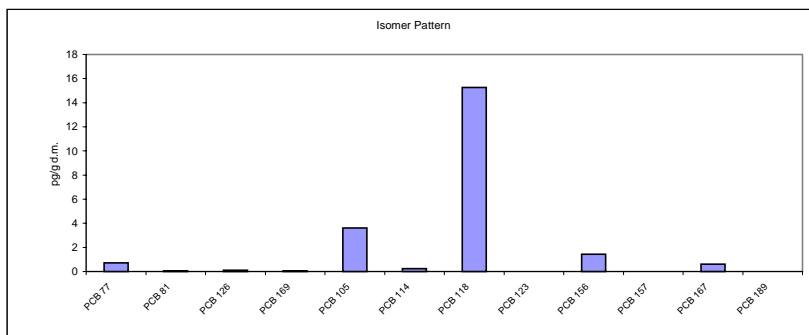
**Mixed Sample Composition**

no. individ. samples: 8  
 individual sample ID: 024-G-G-2  
 024-G-N-1 to 024-G-N-4  
 024-G-S-1 to 024-G-S-2, 024-G-S-R1

dry matter (%): 89,630

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |     |
|---------|-----------|--|-----|
| PCB 77  | 0,74      | 103  |     |
| PCB 81  | 0,05      |  |     |
| PCB 126 | 0,12      | 102  |     |
| PCB 169 | 0,04      | 104  |     |
| PCB 105 | 3,60      | 107  |     |
| PCB 114 | 0,25      |  |     |
| PCB 118 | 15,00     | 102  |     |
| PCB 123 | <         | 0,20   |     |
| PCB 156 | 1,40      | 108  |     |
| PCB 157 | <         | 0,20   |     |
| PCB 167 | 0,62      | 93   |     |
| PCB 189 | <         | 0,20   | 106 |

**WHO-PCB-TEQ** **0,016**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,016**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,016**  
 (including LOQ)



|                   |           |                |           |
|-------------------|-----------|----------------|-----------|
| <b>Sample ID:</b> | 416/01-18 | <b>Matrix:</b> | 024 wheat |
|                   |           | <b>Region:</b> | IRUK      |

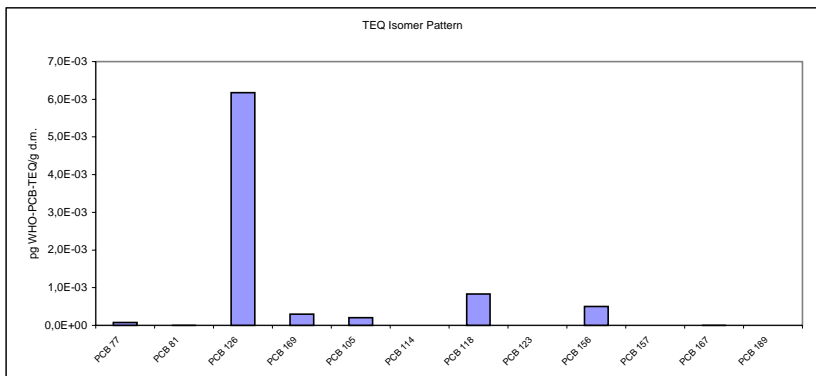
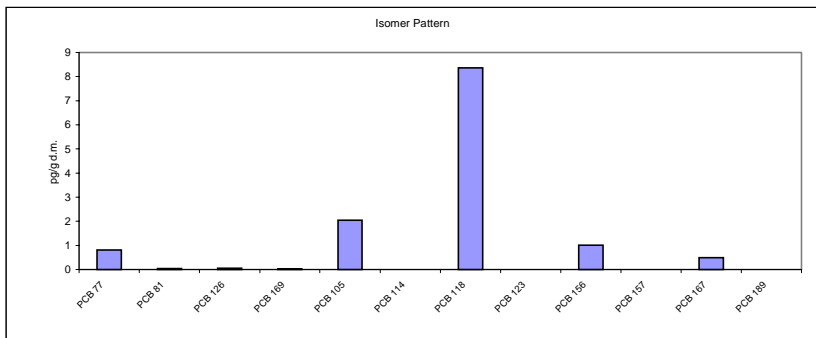
**Mixed Sample Composition**

no. individ. samples: 11  
 individual sample ID: 024-I-I-1  
 024-I-N-1, I-N-3 to 024-I-N-6  
 024-I-S-1 to 024-I-S-5

dry matter (%): 89,000

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |    |
|---------|-----------|--|----|
| PCB 77  | 0,81      | 106  |    |
| PCB 81  | 0,04      |  |    |
| PCB 126 | 0,06      | 108  |    |
| PCB 169 | 0,03      | 117  |    |
| PCB 105 | 2,00      | 112  |    |
| PCB 114 | <         | 0,20   |    |
| PCB 118 | 8,40      | 100  |    |
| PCB 123 | <         | 0,20   |    |
| PCB 156 | 1,00      | 98   |    |
| PCB 157 | <         | 0,20   |    |
| PCB 167 | 0,49      | 86   |    |
| PCB 189 | <         | 0,20   | 98 |

**WHO-PCB-TEQ** **0,008**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,008**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,008**  
 (including LOQ)



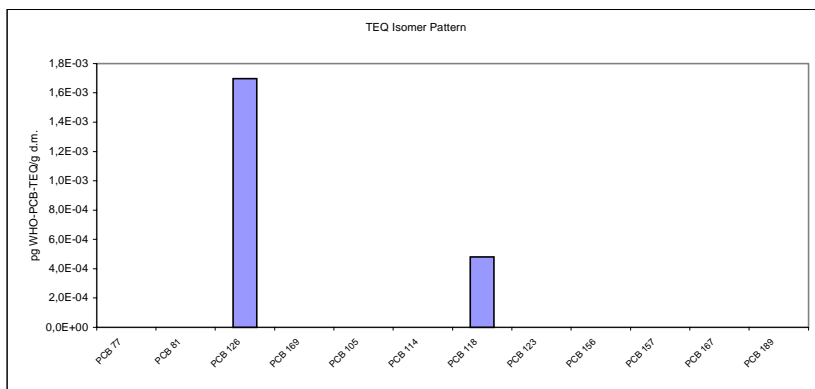
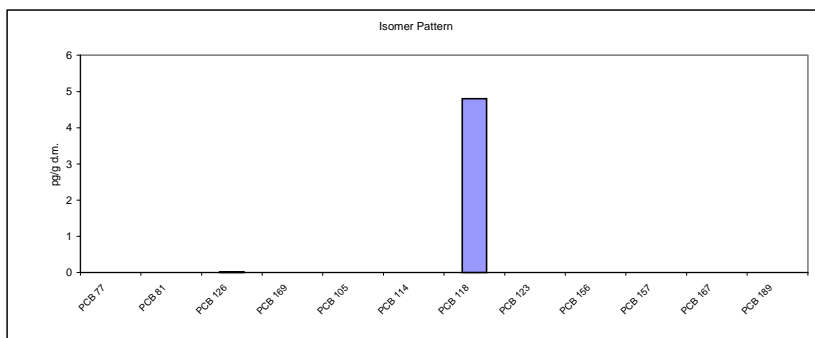
|                   |           |                |           |
|-------------------|-----------|----------------|-----------|
| <b>Sample ID:</b> | 417/01-13 | <b>Matrix:</b> | 024 wheat |
|                   |           | <b>Region:</b> | IMPORT    |

**Mixed Sample Composition**

no. individ. samples: 1  
 individual sample ID: 024-I-OTH-1  
 dry matter (%): 87,600

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |
|---------|-----------|--|
| PCB 77  | <         | 0,10   |
| PCB 81  | <         | 0,01   |
| PCB 126 |           | 0,02   |
| PCB 169 | <         | 0,01   |
| PCB 105 | <         | 0,20   |
| PCB 114 | <         | 0,20   |
| PCB 118 |           | 4,80   |
| PCB 123 | <         | 0,20   |
| PCB 156 | <         | 0,21   |
| PCB 157 | <         | 0,20   |
| PCB 167 | <         | 0,20   |
| PCB 189 | <         | 0,20   |

**WHO-PCB-TEQ (excluding LOQ) 0,002**  
**WHO-PCB-TEQ (including 1/2 LOQ) 0,002**  
**WHO-PCB-TEQ (including LOQ) 0,003**



9.5.25

Barley

|  |                                      |   |            |
|--|--------------------------------------|---|------------|
| <b>Sample ID:</b>                      | 410/01-22                            | <b>Matrix:</b>  | 025 barley |
|  |                                      | <b>Region:</b>  | AUGE       |
| <b>Mixed Sample Composition</b>        |                                      |   |            |
| no. individ. samples:                  | 23                                   |   |            |
| individual sample ID:                  | 025-A-A-2<br>025-A-N-1 to 025-A-N-14 |   |            |
| dry matter (%):                        | 87,910                               |   |            |
| <b>Results</b>                         | <b>pg/g d.m.</b>                     | <b>Recovery rate <sup>13</sup>C<sub>12</sub> standard</b> |            |
| PCB 77                                 | 8,60                                 | 101   |            |
| PCB 81                                 | 0,03                                 |   |            |
| PCB 126                                | 0,21                                 | 105   |            |
| PCB 169                                | 0,03                                 | 116   |            |
| PCB 105                                | 5,70                                 | 105   |            |
| PCB 114                                | 0,69                                 |   |            |
| PCB 118                                | 26,00                                | 101   |            |
| PCB 123                                | 0,23                                 |   |            |
| PCB 156                                | 3,60                                 | 102   |            |
| PCB 157                                | 0,40                                 |   |            |
| PCB 167                                | 2,40                                 | 82  |            |
| PCB 189                                | 0,26                                 | 94  |            |
| <b>WHO-PCB-TEQ (excluding LOQ)</b>     | <b>0,028</b>                         |   |            |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b> | <b>0,028</b>                         |   |            |
| <b>WHO-PCB-TEQ (including LOQ)</b>     | <b>0,028</b>                         |   |            |
| <p>Isomer Pattern</p>                  |                                      |   |            |
| <p>TEQ Isomer Pattern</p>              |                                      |   |            |

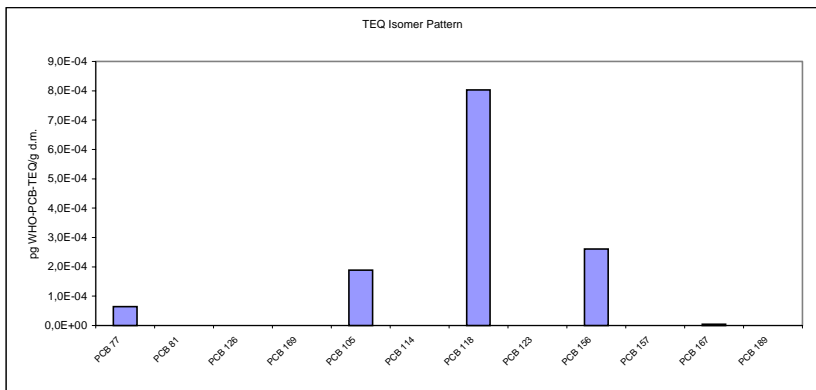
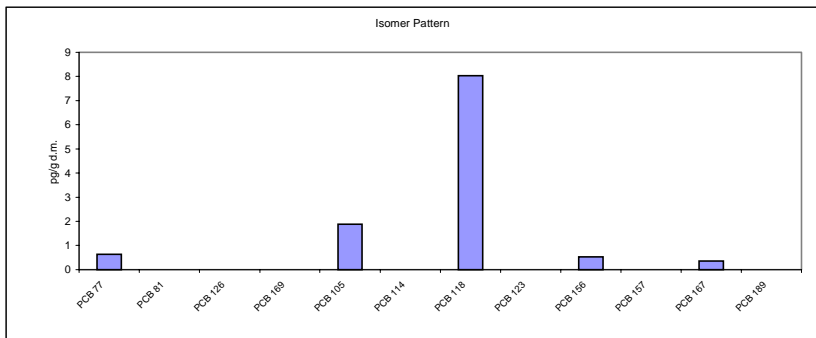
|                   |           |                |            |
|-------------------|-----------|----------------|------------|
| <b>Sample ID:</b> | 411/01-20 | <b>Matrix:</b> | 025 barley |
|                   |           | <b>Region:</b> | BENE       |

**Mixed Sample Composition**

no. individ. samples: 2  
 individual sample ID: 025-B-B-1  
 025-B-N-1  
 dry matter (%): 88,010

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |     |
|---------|-----------|--|-----|
| PCB 77  | 0,63      | 91   |     |
| PCB 81  | <         | 0,01   |     |
| PCB 126 | <         | 0,01   | 110 |
| PCB 169 | <         | 0,01   | 101 |
| PCB 105 | 1,90      | 93   |     |
| PCB 114 | <         | 0,20   |     |
| PCB 118 | 8,00      | 100  |     |
| PCB 123 | <         | 0,20   |     |
| PCB 156 | 0,52      | 98   |     |
| PCB 157 | <         | 0,20   |     |
| PCB 167 | 0,36      | 114  |     |
| PCB 189 | <         | 0,20   | 97  |

**WHO-PCB-TEQ (excluding LOQ) 0,001**  
**WHO-PCB-TEQ (including 1/2 LOQ) 0,002**  
**WHO-PCB-TEQ (including LOQ) 0,003**



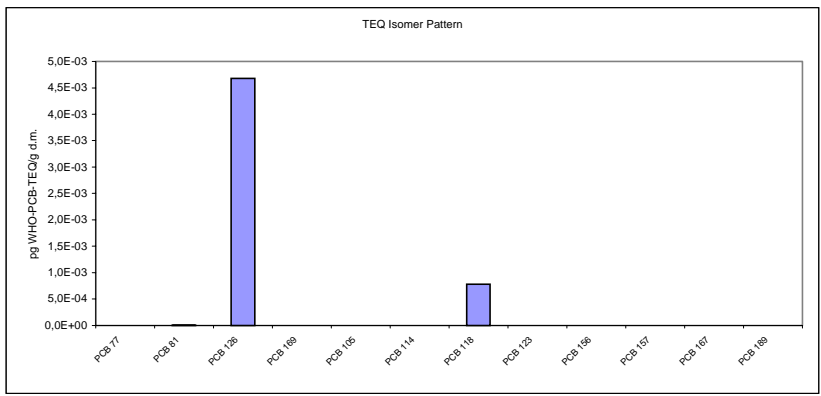
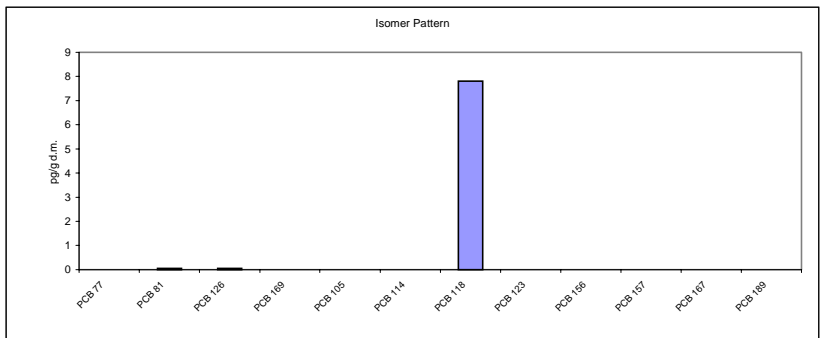
|                   |           |                |            |
|-------------------|-----------|----------------|------------|
| <b>Sample ID:</b> | 412/01-21 | <b>Matrix:</b> | 025 barley |
|                   |           | <b>Region:</b> | SCAN       |

**Mixed Sample Composition**

no. individ. samples: 10  
 individual sample ID: 025-S-D-1 to 025-S-D-7  
 025-S-F-1 to 025-S-F-3  
 dry matter (%): 87,800

| Results | pg/g<br>d.m. | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|--------------|---|
| PCB 77  | <            | 0,20 < 88   |
| PCB 81  |              | 0,04  |
| PCB 126 |              | 0,05 111  |
| PCB 169 | <            | 0,02 < 98   |
| PCB 105 | <            | 0,50 < 72   |
| PCB 114 | <            | 0,20 <  |
| PCB 118 |              | 7,80 93   |
| PCB 123 | <            | 0,20 <  |
| PCB 156 | <            | 0,50 < 93   |
| PCB 157 | <            | 0,20 <  |
| PCB 167 | <            | 0,30 < 95   |
| PCB 189 | <            | 0,20 < 84   |

**WHO-PCB-TEQ** **0,005**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,006**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,006**  
 (including LOQ)



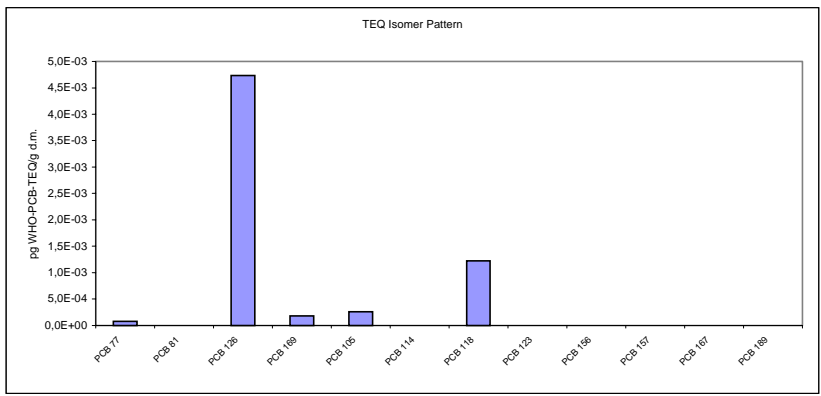
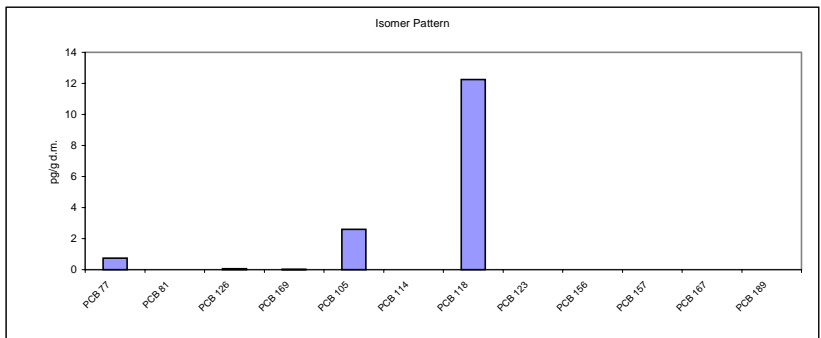
|                   |           |                |            |
|-------------------|-----------|----------------|------------|
| <b>Sample ID:</b> | 413/01-22 | <b>Matrix:</b> | 025 barley |
|                   |           | <b>Region:</b> | FRANCE     |

**Mixed Sample Composition**

no. individ. samples: 13  
 individual sample ID: 025-F-N-1 to 025-F-N-8  
 025-F-S-1 to 025-F-S-5  
 dry matter (%): 88,400

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |
|---------|-----------|--|
| PCB 77  | 0,73      | 97   |
| PCB 81  | <         | 0,01   |
| PCB 126 | 0,05      | 113  |
| PCB 169 | 0,02      | 112  |
| PCB 105 | 2,60      | 101  |
| PCB 114 | <         | 0,20   |
| PCB 118 | 12,00     | 95   |
| PCB 123 | <         | 0,20   |
| PCB 156 | <         | 0,50   |
| PCB 157 | <         | 0,20   |
| PCB 167 | <         | 0,20   |
| PCB 189 | <         | 0,20   |

**WHO-PCB-TEQ (excluding LOQ) 0,006**  
**WHO-PCB-TEQ (including 1/2 LOQ) 0,007**  
**WHO-PCB-TEQ (including LOQ) 0,007**



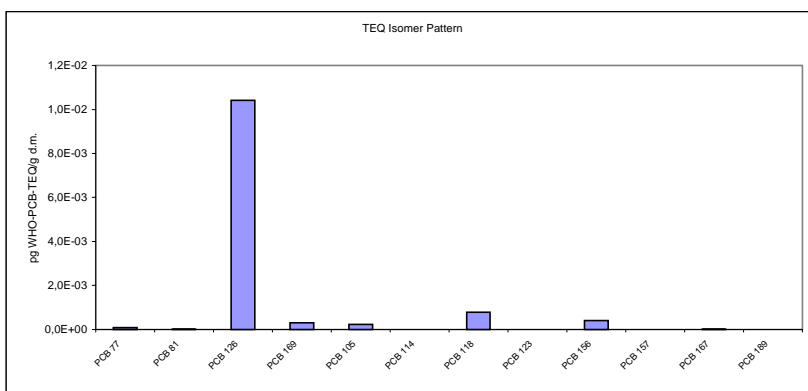
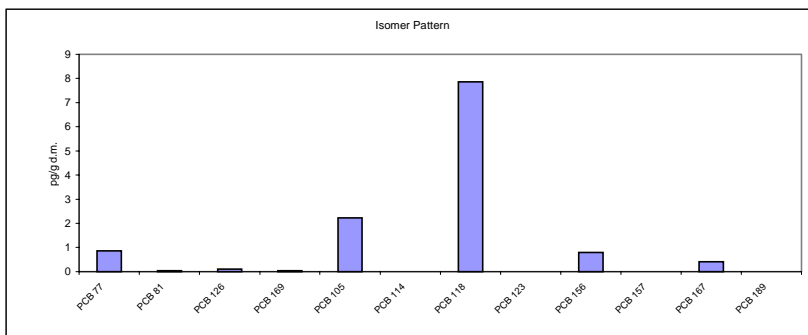
|                   |           |                |            |
|-------------------|-----------|----------------|------------|
| <b>Sample ID:</b> | 414/01-24 | <b>Matrix:</b> | 025 barley |
|                   |           | <b>Region:</b> | POSP       |

**Mixed Sample Composition**

no. individ. samples: 20  
 individual sample ID: 025-P-N-1 to 025-P-N-8  
 025-P-S-1 to 025-P-S-11  
 dry matter (%): 89,900

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |    |
|---------|-----------|--|----|
| PCB 77  | 0,86      | 94   |    |
| PCB 81  | 0,03      |  |    |
| PCB 126 | 0,10      | 108  |    |
| PCB 169 | 0,03      | 111  |    |
| PCB 105 | 2,20      | 100  |    |
| PCB 114 | <         | 0,20   |    |
| PCB 118 | 7,90      | 96   |    |
| PCB 123 | <         | 0,20   |    |
| PCB 156 | 0,79      | 97   |    |
| PCB 157 | <         | 0,20   |    |
| PCB 167 | 0,40      | 83   |    |
| PCB 189 | <         | 0,20   | 96 |

**WHO-PCB-TEQ (excluding LOQ) 0,012**  
**WHO-PCB-TEQ (including 1/2 LOQ) 0,012**  
**WHO-PCB-TEQ (including LOQ) 0,012**



|                   |           |                |            |
|-------------------|-----------|----------------|------------|
| <b>Sample ID:</b> | 415/01-22 | <b>Matrix:</b> | 025 barley |
|                   |           | <b>Region:</b> | GRIT       |

**Mixed Sample Composition**

no. individ. samples: 4  
 individual sample ID: 025-G-G1  
 025-G-N-1 to 025-G-N-2  
 025-G-S-1

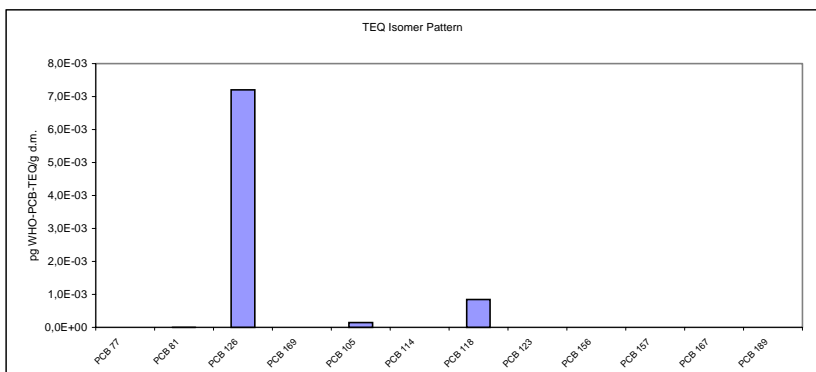
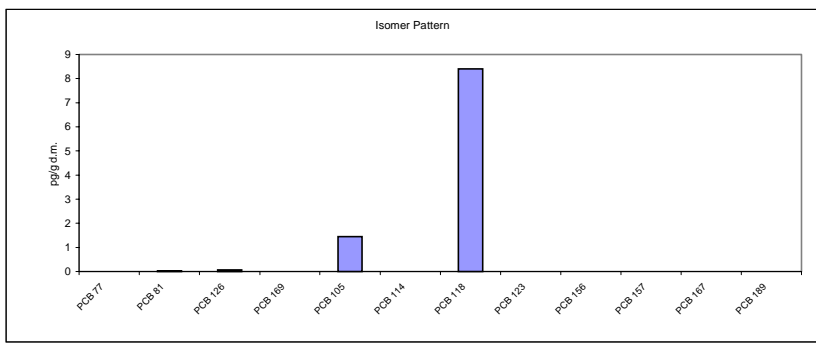
dry matter (%): 90,260

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |
|---------|-----------|--|
| PCB 77  | < 0,20    | 88   |
| PCB 81  | 0,04      |  |
| PCB 126 | 0,07      | 85   |
| PCB 169 | < 0,03    | 87   |
| PCB 105 | 1,50      | 93   |
| PCB 114 | < 0,20    |  |
| PCB 118 | 8,40      | 88   |
| PCB 123 | < 0,20    |  |
| PCB 156 | < 0,30    | 86   |
| PCB 157 | < 0,20    |  |
| PCB 167 | < 0,20    | 95   |
| PCB 189 | < 0,20    | 96   |

**WHO-PCB-TEQ** **0,008**  
 (excluding LOQ)

**WHO-PCB-TEQ** **0,009**  
 (including 1/2 LOQ)

**WHO-PCB-TEQ** **0,009**  
 (including LOQ)



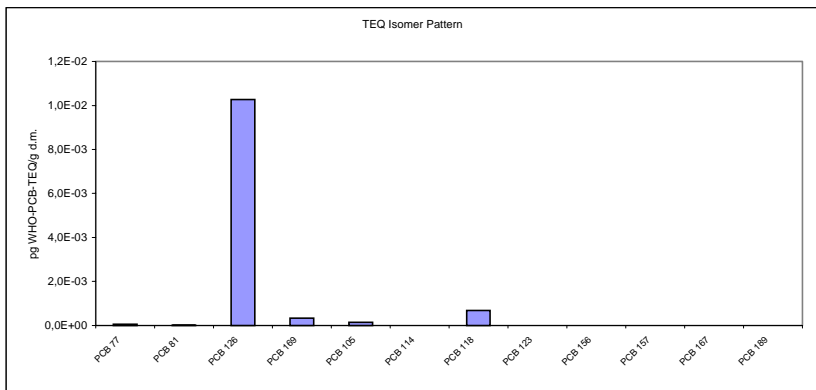
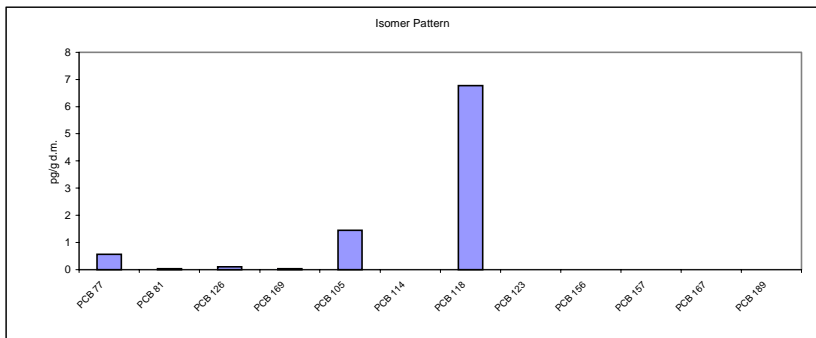
|                   |           |                |            |
|-------------------|-----------|----------------|------------|
| <b>Sample ID:</b> | 416/01-19 | <b>Matrix:</b> | 025 barley |
|                   |           | <b>Region:</b> | IRUK       |

**Mixed Sample Composition**

no. individ. samples: 9  
 individual sample ID: 025-I-I-1 to 025-I-I-2  
 025-I-N-1, I-N-3 to 025-I-N-6  
 dry matter (%): 88,700

| Results | pg/g<br>d.m. | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|--------------|---|
| PCB 77  | 0,56         | 94  |
| PCB 81  | 0,04         |   |
| PCB 126 | 0,10         | 104   |
| PCB 169 | 0,03         | 119   |
| PCB 105 | 1,40         | 103   |
| PCB 114 | <            | 0,20  |
| PCB 118 | 6,80         | 96  |
| PCB 123 | <            | 0,20  |
| PCB 156 | <            | 0,50  |
| PCB 157 | <            | 0,20  |
| PCB 167 | <            | 0,20  |
| PCB 189 | <            | 0,20  |

**WHO-PCB-TEQ** **0,011**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,012**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,012**  
 (including LOQ)



9.5.26

Maize

| <b>Sample ID:</b>  | 410/01-23                           | <b>Matrix:</b>  | 026 maize |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |
|--|-------------------------------------|---|-----------|--------------|-------------------------------------|--------|---|--------|------|---------|---------|---------|---|---------|---------|---------|---|---------|---------|---------|---|---------|---------|---------|---|---------|------|---------|---|
|  |                                     | <b>Region:</b>  | AUGE      |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |
| <b>Mixed Sample Composition</b>  |                                     |   |           |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |
| no. individ. samples:  | 12                                  |   |           |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |
| individual sample ID:  | 026-A-A-1 to 026-A-A-2              |   |           |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |
|  | 026-A-N-1 to 026-A-N-5              |   |           |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |
|  | 026-A-S-1 to 026-A-S-3              |   |           |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |
| dry matter (%):  | 89,650                              |   |           |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |
| <b>Results</b>   | <b>pg/g d.m.</b>                    | <b>Recovery rate <sup>13</sup>C<sub>12</sub> standard</b> |           |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |
| PCB 77   | <                                   | 0,20  | 97        |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |
| PCB 81   |                                     | 0,03  |           |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |
| PCB 126  |                                     | 0,02  | 112       |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |
| PCB 169  | <                                   | 0,01  | 96        |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |
| PCB 105  |                                     | 1,30  | 101       |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |
| PCB 114  | <                                   | 0,20  |           |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |
| PCB 118  |                                     | 11,00   | 104       |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |
| PCB 123  | <                                   | 0,20  |           |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |
| PCB 156  |                                     | 1,30  | 98        |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |
| PCB 157  | <                                   | 0,20  |           |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |
| PCB 167  |                                     | 0,44  | 107       |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |
| PCB 189  | <                                   | 0,20  | 90        |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |
| <b>WHO-PCB-TEQ (excluding LOQ)</b>   | <b>0,004</b>                        |   |           |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b>   | <b>0,004</b>                        |   |           |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |
| <b>WHO-PCB-TEQ (including LOQ)</b>   | <b>0,004</b>                        |   |           |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |
| <p>Isomer Pattern</p> <table border="1"> <caption>Data for Isomer Pattern</caption> <thead> <tr> <th>PCB Congener</th> <th>Concentration (pg/g d.m.)</th> </tr> </thead> <tbody> <tr><td>PCB 77</td><td>&lt;</td></tr> <tr><td>PCB 81</td><td>0,03</td></tr> <tr><td>PCB 126</td><td>0,02</td></tr> <tr><td>PCB 169</td><td>&lt;</td></tr> <tr><td>PCB 105</td><td>1,30</td></tr> <tr><td>PCB 114</td><td>&lt;</td></tr> <tr><td>PCB 118</td><td>11,00</td></tr> <tr><td>PCB 123</td><td>&lt;</td></tr> <tr><td>PCB 156</td><td>1,30</td></tr> <tr><td>PCB 157</td><td>&lt;</td></tr> <tr><td>PCB 167</td><td>0,44</td></tr> <tr><td>PCB 189</td><td>&lt;</td></tr> </tbody> </table>                              |                                     |   |           | PCB Congener | Concentration (pg/g d.m.)           | PCB 77 | < | PCB 81 | 0,03 | PCB 126 | 0,02    | PCB 169 | < | PCB 105 | 1,30    | PCB 114 | < | PCB 118 | 11,00   | PCB 123 | < | PCB 156 | 1,30    | PCB 157 | < | PCB 167 | 0,44 | PCB 189 | < |
| PCB Congener   | Concentration (pg/g d.m.)           |   |           |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |
| PCB 77   | <                                   |   |           |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |
| PCB 81   | 0,03                                |   |           |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |
| PCB 126  | 0,02                                |   |           |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |
| PCB 169  | <                                   |   |           |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |
| PCB 105  | 1,30                                |   |           |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |
| PCB 114  | <                                   |   |           |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |
| PCB 118  | 11,00                               |   |           |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |
| PCB 123  | <                                   |   |           |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |
| PCB 156  | 1,30                                |   |           |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |
| PCB 157  | <                                   |   |           |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |
| PCB 167  | 0,44                                |   |           |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |
| PCB 189  | <                                   |   |           |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |
| <p>TEQ Isomer Pattern</p> <table border="1"> <caption>Data for TEQ Isomer Pattern</caption> <thead> <tr> <th>PCB Congener</th> <th>WHO-PCB-TEQ (pg/WHO-PCB-TEQ/g d.m.)</th> </tr> </thead> <tbody> <tr><td>PCB 77</td><td>&lt;</td></tr> <tr><td>PCB 81</td><td>&lt;</td></tr> <tr><td>PCB 126</td><td>1,8E-03</td></tr> <tr><td>PCB 169</td><td>&lt;</td></tr> <tr><td>PCB 105</td><td>0,1E-03</td></tr> <tr><td>PCB 114</td><td>&lt;</td></tr> <tr><td>PCB 118</td><td>1,1E-03</td></tr> <tr><td>PCB 123</td><td>&lt;</td></tr> <tr><td>PCB 156</td><td>0,6E-03</td></tr> <tr><td>PCB 157</td><td>&lt;</td></tr> <tr><td>PCB 167</td><td>&lt;</td></tr> <tr><td>PCB 189</td><td>&lt;</td></tr> </tbody> </table> |                                     |   |           | PCB Congener | WHO-PCB-TEQ (pg/WHO-PCB-TEQ/g d.m.) | PCB 77 | < | PCB 81 | <    | PCB 126 | 1,8E-03 | PCB 169 | < | PCB 105 | 0,1E-03 | PCB 114 | < | PCB 118 | 1,1E-03 | PCB 123 | < | PCB 156 | 0,6E-03 | PCB 157 | < | PCB 167 | <    | PCB 189 | < |
| PCB Congener   | WHO-PCB-TEQ (pg/WHO-PCB-TEQ/g d.m.) |   |           |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |
| PCB 77   | <                                   |   |           |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |
| PCB 81   | <                                   |   |           |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |
| PCB 126  | 1,8E-03                             |   |           |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |
| PCB 169  | <                                   |   |           |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |
| PCB 105  | 0,1E-03                             |   |           |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |
| PCB 114  | <                                   |   |           |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |
| PCB 118  | 1,1E-03                             |   |           |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |
| PCB 123  | <                                   |   |           |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |
| PCB 156  | 0,6E-03                             |   |           |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |
| PCB 157  | <                                   |   |           |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |
| PCB 167  | <                                   |   |           |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |
| PCB 189  | <                                   |   |           |              |                                     |        |   |        |      |         |         |         |   |         |         |         |   |         |         |         |   |         |         |         |   |         |      |         |   |

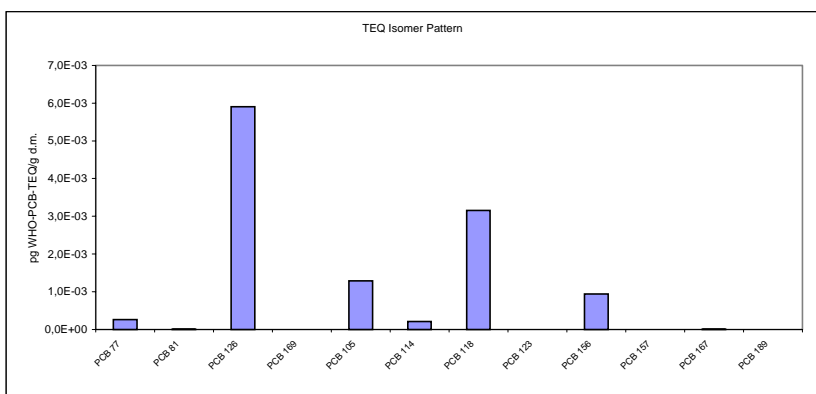
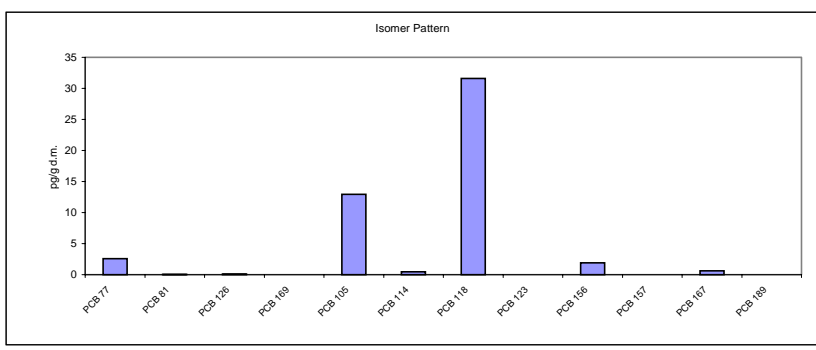
|                   |           |                |           |
|-------------------|-----------|----------------|-----------|
| <b>Sample ID:</b> | 413/01-23 | <b>Matrix:</b> | 026 maize |
|                   |           | <b>Region:</b> | FRANCE    |

**Mixed Sample Composition**

no. individ. samples: 10  
 individual sample ID: 026-F-N-1 to 026-F-N-7  
 026-F-S-1 to 026-F-S-3  
 dry matter (%): 88,750

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |
|---------|-----------|--|
| PCB 77  | 2,60      | 88   |
| PCB 81  | 0,04      |  |
| PCB 126 | 0,06      | 96   |
| PCB 169 | < 0,02    | < 96   |
| PCB 105 | 13,00     | 86   |
| PCB 114 | 0,43      |  |
| PCB 118 | 32,00     | 86   |
| PCB 123 | < 0,20    | <  |
| PCB 156 | 1,90      | 98   |
| PCB 157 | < 0,20    | <  |
| PCB 167 | 0,60      | 103  |
| PCB 189 | < 0,20    | < 105  |

|  |              |
|--|--------------|
| <b>WHO-PCB-TEQ (excluding LOQ)</b>     | <b>0,012</b> |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b> | <b>0,012</b> |
| <b>WHO-PCB-TEQ (including LOQ)</b>     | <b>0,012</b> |



|                   |           |                |           |
|-------------------|-----------|----------------|-----------|
| <b>Sample ID:</b> | 414/01-25 | <b>Matrix:</b> | 026 maize |
|                   |           | <b>Region:</b> | POSP      |

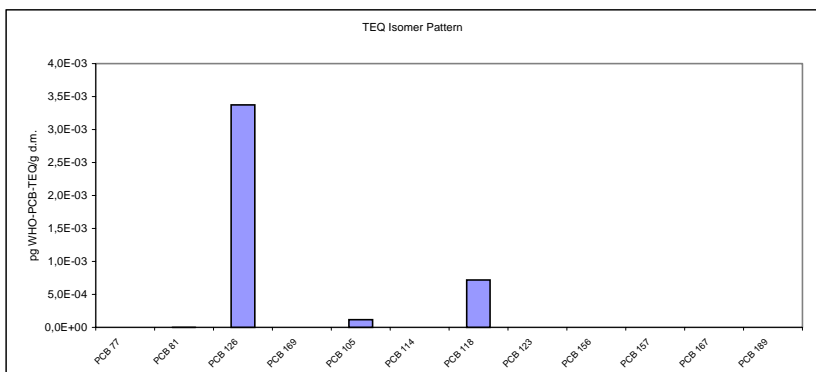
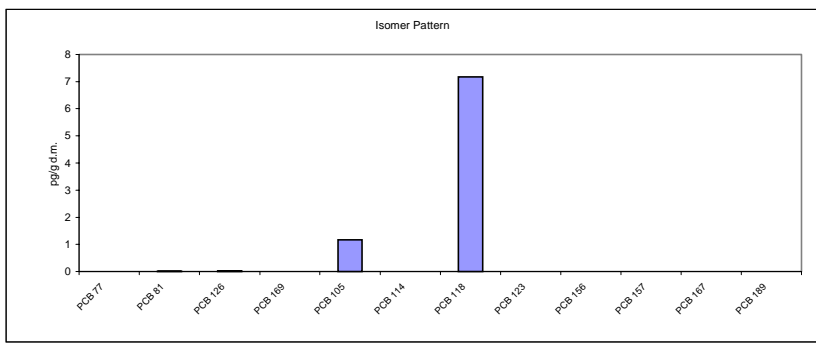
**Mixed Sample Composition**

no. individ. samples: 15  
 individual sample ID: 026-P-P-1 to 026-P-P-3  
 026-P-N-1 to 026-P-N-5  
 026-P-S-1 to 026-P-S-7

dry matter (%): 89,100

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |
|---------|-----------|--|
| PCB 77  | < 0,20    | 111  |
| PCB 81  | 0,02      |  |
| PCB 126 | 0,03      | 97   |
| PCB 169 | < 0,02    | 94   |
| PCB 105 | 1,20      | 116  |
| PCB 114 | < 0,20    |  |
| PCB 118 | 7,20      | 98   |
| PCB 123 | < 0,20    |  |
| PCB 156 | < 0,30    | 97   |
| PCB 157 | < 0,20    |  |
| PCB 167 | < 0,20    | 104  |
| PCB 189 | < 0,20    | 103  |

**WHO-PCB-TEQ** **0,004**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,005**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,005**  
 (including LOQ)



|                   |           |                |           |
|-------------------|-----------|----------------|-----------|
| <b>Sample ID:</b> | 415/01-23 | <b>Matrix:</b> | 026 maize |
|                   |           | <b>Region:</b> | GRIT      |

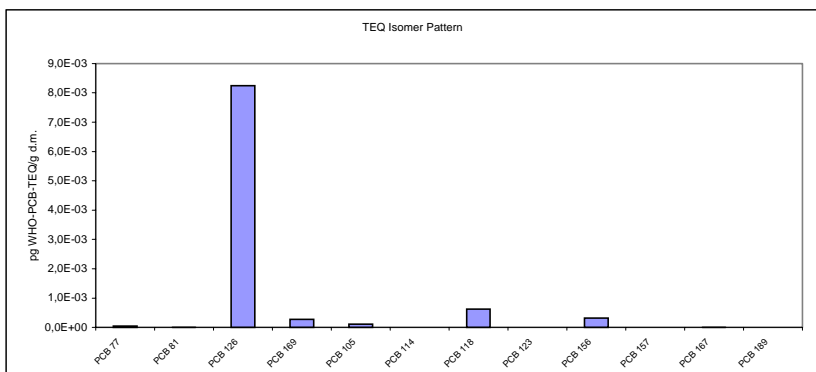
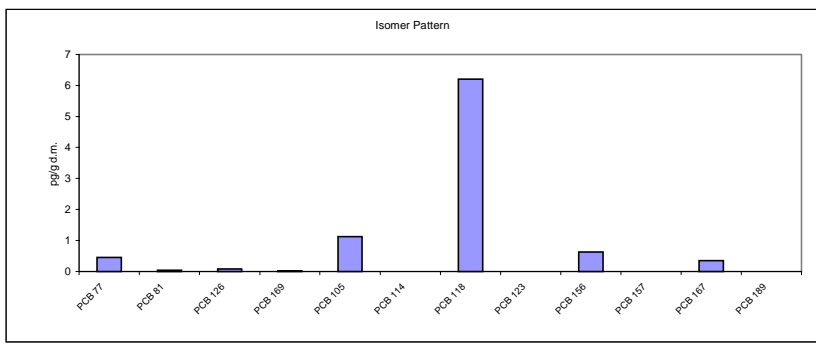
**Mixed Sample Composition**

no. individ. samples: 24  
 individual sample ID: 026-G-G-1 to 026-G-G-4  
 026-G-N-1 to 026-G-N-16  
 026-G-S-1 to 026-G-S-4

dry matter (%): 91,700

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |     |
|---------|-----------|--|-----|
| PCB 77  | 0,46      | 101  |     |
| PCB 81  | 0,04      |  |     |
| PCB 126 | 0,08      | 106  |     |
| PCB 169 | 0,03      | 111  |     |
| PCB 105 | 1,10      | 115  |     |
| PCB 114 | <         | 0,20   |     |
| PCB 118 | 6,20      | 105  |     |
| PCB 123 | <         | 0,20   |     |
| PCB 156 | 0,63      | 99   |     |
| PCB 157 | <         | 0,20   |     |
| PCB 167 | 0,35      | 87   |     |
| PCB 189 | <         | 0,20   | 107 |

**WHO-PCB-TEQ** **0,010**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,010**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,010**  
 (including LOQ)



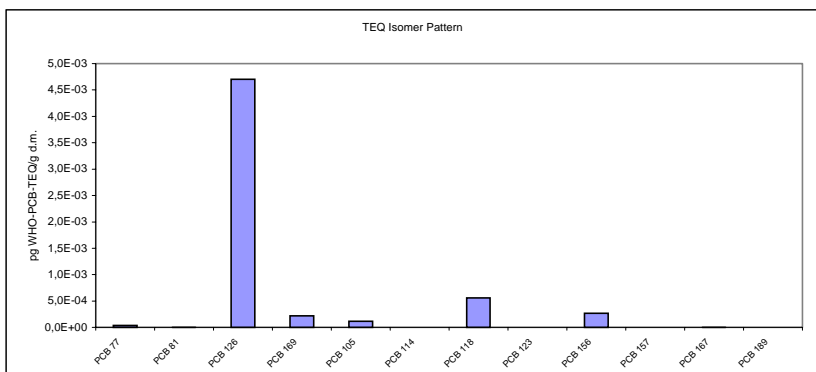
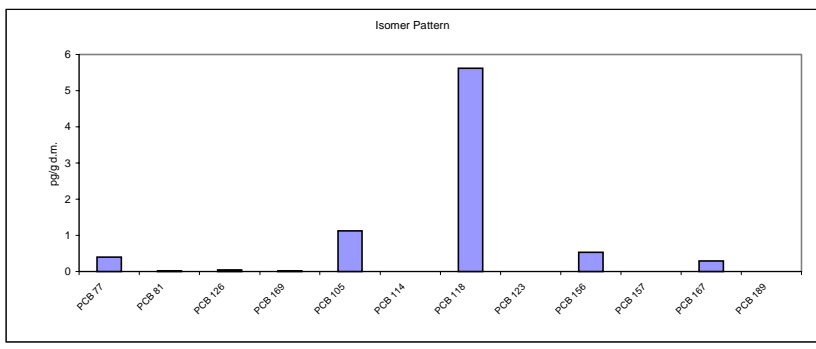
|                   |           |                |           |
|-------------------|-----------|----------------|-----------|
| <b>Sample ID:</b> | 417/01-14 | <b>Matrix:</b> | 026 maize |
|                   |           | <b>Region:</b> | IMPORT    |

**Mixed Sample Composition**

no. individ. samples: 4  
 individual sample ID: 026-I-MSUR-1  
 026-I-NAFTA-1, 026-I-NAFTA-3  
 026-I-OTH-1  
 dry matter (%): 88,300

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |    |
|---------|-----------|--|----|
| PCB 77  | 0,40      | 107  |    |
| PCB 81  | 0,02      |  |    |
| PCB 126 | 0,05      | 107  |    |
| PCB 169 | 0,02      | 112  |    |
| PCB 105 | 1,10      | 102  |    |
| PCB 114 | <         | 0,20   |    |
| PCB 118 | 5,60      | 110  |    |
| PCB 123 | <         | 0,20   |    |
| PCB 156 | 0,54      | 103  |    |
| PCB 157 | <         | 0,20   |    |
| PCB 167 | 0,29      | 91   |    |
| PCB 189 | <         | 0,20   | 91 |

|  |              |
|--|--------------|
| <b>WHO-PCB-TEQ (excluding LOQ)</b>     | <b>0,006</b> |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b> | <b>0,006</b> |
| <b>WHO-PCB-TEQ (including LOQ)</b>     | <b>0,006</b> |



9.5.27

Oats

|  |   |   |          |
|--|---|---|----------|
| <b>Sample ID:</b>                      | 410/01-24   | <b>Matrix:</b>  | 027 oats |
|  |   | <b>Region:</b>  | AUGE     |
| <b>Mixed Sample Composition</b>        |   |   |          |
| no. individ. samples:                  | 23  |   |          |
| individual sample ID:                  | 027-A-A-1 to 027-A-A-3<br>027-A-N-1 to 027-A-N-12<br>027-A-S-1 to 027-A-S-8 |   |          |
| dry matter (%):                        | 88,930  |   |          |
| <b>Results</b>                         | <b>pg/g d.m.</b>  | <b>Recovery rate <sup>13</sup>C<sub>12</sub> standard</b> |          |
| PCB 77                                 | 1,60  | 98  |          |
| PCB 81                                 | 0,01  |   |          |
| PCB 126                                | 0,11  | 104   |          |
| PCB 169                                | 0,02  | 109   |          |
| PCB 105                                | 4,40  | 115   |          |
| PCB 114                                | 0,38  |   |          |
| PCB 118                                | 19,00   | 106   |          |
| PCB 123                                | 0,30  |   |          |
| PCB 156                                | 2,90  | 104   |          |
| PCB 157                                | 0,24  |   |          |
| PCB 167                                | 1,80  | 83  |          |
| PCB 189                                | 0,26  | 101   |          |
| <b>WHO-PCB-TEQ (excluding LOQ)</b>     | <b>0,015</b>  |   |          |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b> | <b>0,015</b>  |   |          |
| <b>WHO-PCB-TEQ (including LOQ)</b>     | <b>0,015</b>  |   |          |
|  |   |   |          |
|  |   |   |          |

|                   |           |                |          |
|-------------------|-----------|----------------|----------|
| <b>Sample ID:</b> | 412/01-22 | <b>Matrix:</b> | 027 oats |
|                   |           | <b>Region:</b> | SCAN     |

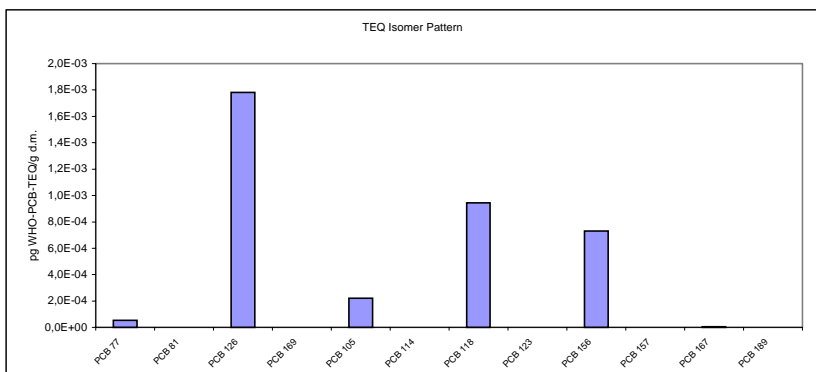
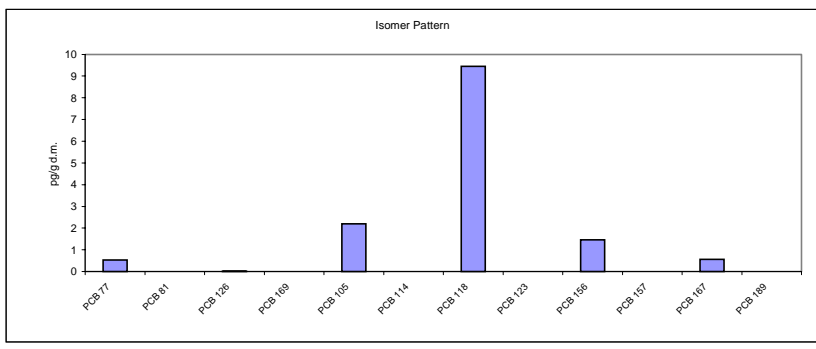
**Mixed Sample Composition**

no. individ. samples: 25  
 individual sample ID: 027-S-D-1 to 027-S-D-2  
 027-S-F-1 to 027-S-F-11  
 027-S-S-1 to 027-S-S-12

dry matter (%): 89,300

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |
|---------|-----------|--|
| PCB 77  | 0,54      | 91   |
| PCB 81  | <         | 0,01   |
| PCB 126 | 0,02      | 105  |
| PCB 169 | <         | 0,02   |
| PCB 105 | 2,20      | 103  |
| PCB 114 | <         | 0,20   |
| PCB 118 | 9,40      | 99   |
| PCB 123 | <         | 0,20   |
| PCB 156 | 1,50      | 94   |
| PCB 157 | <         | 0,20   |
| PCB 167 | 0,56      | 89   |
| PCB 189 | <         | 0,20   |

|  |              |
|--|--------------|
| <b>WHO-PCB-TEQ (excluding LOQ)</b>     | <b>0,004</b> |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b> | <b>0,004</b> |
| <b>WHO-PCB-TEQ (including LOQ)</b>     | <b>0,004</b> |



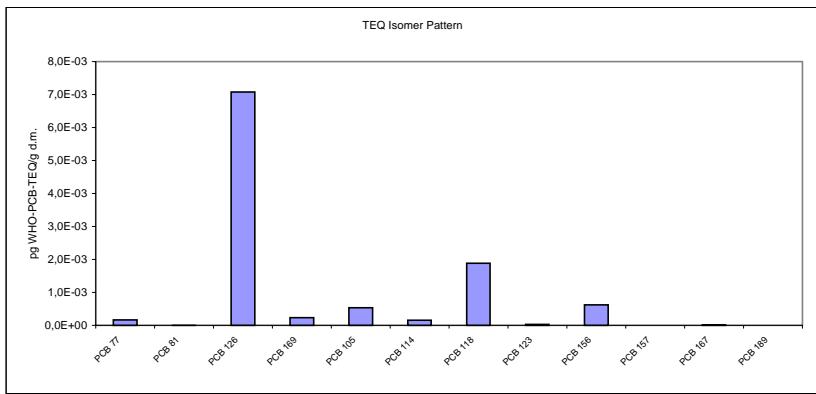
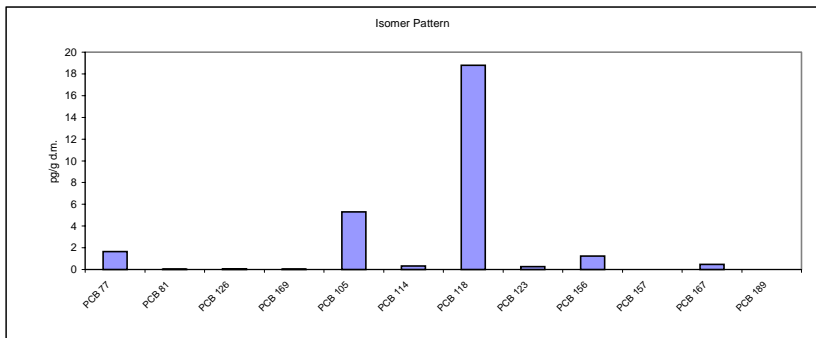
|                   |           |                |          |
|-------------------|-----------|----------------|----------|
| <b>Sample ID:</b> | 413/01-24 | <b>Matrix:</b> | 027 oats |
|                   |           | <b>Region:</b> | FRANCE   |

**Mixed Sample Composition**

no. individ. samples: 5  
 individual sample ID: 027-F-N-1 to 027-F-N-5  
 dry matter (%): 88,100

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |
|---------|-----------|--|
| PCB 77  | 1,60      | 96   |
| PCB 81  | 0,01      |  |
| PCB 126 | 0,07      | 106  |
| PCB 169 | 0,02      | 101  |
| PCB 105 | 5,30      | 116  |
| PCB 114 | 0,31      |  |
| PCB 118 | 19,00     | 106  |
| PCB 123 | 0,26      |  |
| PCB 156 | 1,20      | 103  |
| PCB 157 | <         | 0,20   |
| PCB 167 | <         | 0,48   |
| PCB 189 | <         | 0,20   |

**WHO-PCB-TEQ** **0,011**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,011**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,011**  
 (including LOQ)



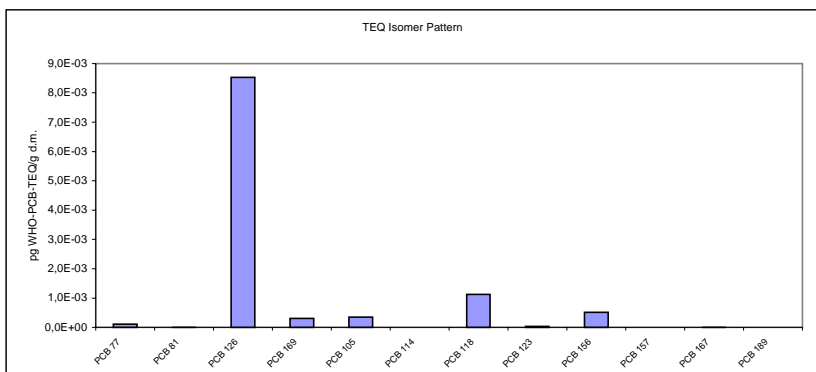
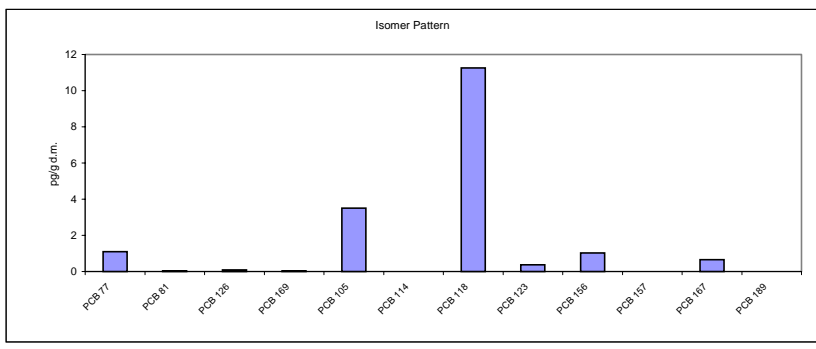
|                   |           |                |          |
|-------------------|-----------|----------------|----------|
| <b>Sample ID:</b> | 414/01-26 | <b>Matrix:</b> | 027 oats |
|                   |           | <b>Region:</b> | POSP     |

**Mixed Sample Composition**

no. individ. samples: 13  
 individual sample ID: 027-P-P-1  
 027-P-N-1 to 027-P-N-5  
 027-P-S-1 to 027-P-S-7  
 dry matter (%): 90,860

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |     |
|---------|-----------|--|-----|
| PCB 77  | 1,10      | 98   |     |
| PCB 81  | 0,01      |  |     |
| PCB 126 | 0,09      | 117  |     |
| PCB 169 | 0,03      | 117  |     |
| PCB 105 | 3,50      | 106  |     |
| PCB 114 | <         | 0,20   |     |
| PCB 118 | 11,00     | 98   |     |
| PCB 123 | 0,37      |  |     |
| PCB 156 | 1,00      | 98   |     |
| PCB 157 | <         | 0,20   |     |
| PCB 167 | 0,66      | 92   |     |
| PCB 189 | <         | 0,20   | 105 |

|  |              |
|--|--------------|
| <b>WHO-PCB-TEQ (excluding LOQ)</b>     | <b>0,011</b> |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b> | <b>0,011</b> |
| <b>WHO-PCB-TEQ (including LOQ)</b>     | <b>0,011</b> |



|                   |             |                |          |
|-------------------|-------------|----------------|----------|
| <b>Sample ID:</b> | 415/01-24 a | <b>Matrix:</b> | 027 oats |
|                   |             | <b>Region:</b> | GRIT     |

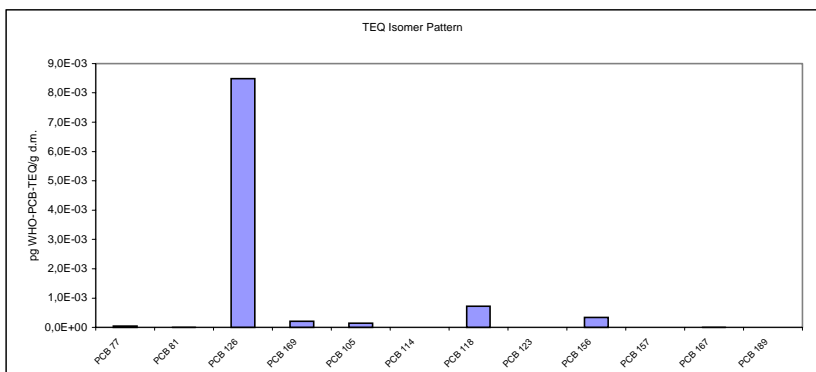
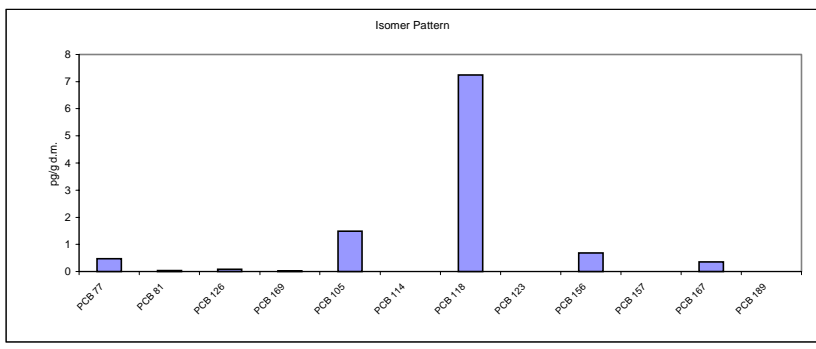
**Mixed Sample Composition**

no. individ. samples: 4  
 individual sample ID: 027-G-N-1 to 027-G-N-2  
 027-G-S-1  
 027-G-S-R1

dry matter (%): 92,850

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |     |
|---------|-----------|--|-----|
| PCB 77  | 0,47      | 101  |     |
| PCB 81  | 0,01      |  |     |
| PCB 126 | 0,08      | 105  |     |
| PCB 169 | 0,02      | 116  |     |
| PCB 105 | 1,50      | 111  |     |
| PCB 114 | <         | 0,20   |     |
| PCB 118 | 7,20      | 101  |     |
| PCB 123 | <         | 0,20   |     |
| PCB 156 | 0,68      | 103  |     |
| PCB 157 | <         | 0,20   |     |
| PCB 167 | 0,35      | 86   |     |
| PCB 189 | <         | 0,20   | 104 |

**WHO-PCB-TEQ** **0,010**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,010**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,010**  
 (including LOQ)



|                   |           |                |          |
|-------------------|-----------|----------------|----------|
| <b>Sample ID:</b> | 416/01-20 | <b>Matrix:</b> | 027 oats |
|                   |           | <b>Region:</b> | IRUK     |

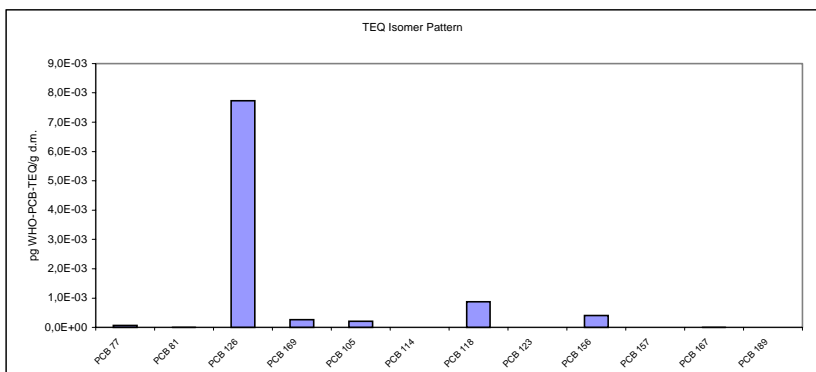
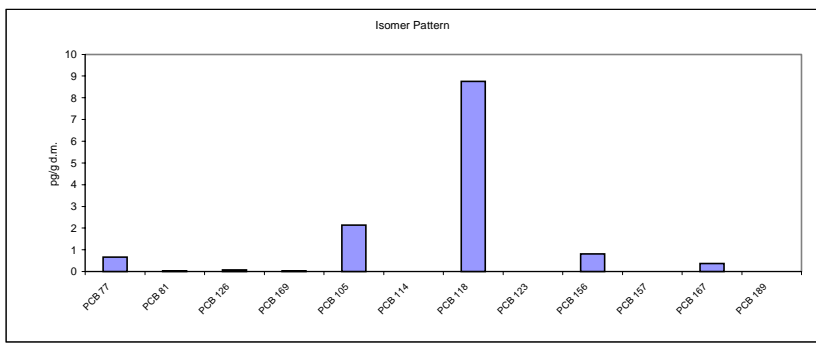
**Mixed Sample Composition**

no. individ. samples: 5  
 individual sample ID: 027-I-I-1  
 027-I-N-1 to 027-I-N-2  
 027-I-S-1 to 027-I-S-2

dry matter (%): 90,500

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |    |
|---------|-----------|--|----|
| PCB 77  | 0,67      | 94   |    |
| PCB 81  | 0,01      |  |    |
| PCB 126 | 0,08      | 105  |    |
| PCB 169 | 0,03      | 109  |    |
| PCB 105 | 2,10      | 108  |    |
| PCB 114 | <         | 0,20   |    |
| PCB 118 | 8,80      | 101  |    |
| PCB 123 | <         | 0,20   |    |
| PCB 156 | 0,81      | 106  |    |
| PCB 157 | <         | 0,20   |    |
| PCB 167 | 0,37      | 91   |    |
| PCB 189 | <         | 0,20   | 95 |

**WHO-PCB-TEQ** **0,010**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,010**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,010**  
 (including LOQ)



9.5.28

Pelagic and demersal Fish

| Sample ID:  | 410/01-25                | Matrix:         | 028 pelagic and demersal fish                             |
|---|--------------------------|-----------------|---|
|   |                          | Region:         | AUGE  |
| <b>Mixed Sample Composition</b>                       |                          |                 |   |
| no. individ. samples:                                 | 1                        |                 |   |
| individual sample ID:                                 | 028-A-N-1                |                 |   |
| fat content (%):                                      | 10,65                    |                 |   |
| <b>Results</b>  | <b>pg/g fresh weight</b> | <b>pg/g fat</b> | <b>Recovery rate <sup>13</sup>C<sub>12</sub> standard</b> |
| PCB 77  | 76                       | 710             | 90  |
| PCB 81  | 16                       | 150             |   |
| PCB 126   | 46                       | 430             | 109   |
| PCB 169   | 3,3                      | 31              | 69  |
| PCB 105   | 1600                     | 15000           | 104   |
| PCB 114   | 70                       | 660             |   |
| PCB 118   | 6000                     | 56000           | 108   |
| PCB 123   | 71                       | 670             |   |
| PCB 156   | 610                      | 5700            | 80  |
| PCB 157   | 130                      | 1200            |   |
| PCB 167   | 330                      | 3100            | 83  |
| PCB 189   | 63                       | 590             | 56  |
| <b>WHO-PCB-TEQ (excluding LOQ)</b>                    | <b>5,8</b>               | <b>54,7</b>     |   |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b>                | <b>5,8</b>               | <b>54,7</b>     |   |
| <b>WHO-PCB-TEQ (including LOQ)</b>                    | <b>5,8</b>               | <b>54,7</b>     |   |
| <p style="text-align: center;">Isomer Pattern</p>     |                          |                 |   |
| <p style="text-align: center;">TEQ Isomer Pattern</p> |                          |                 |   |

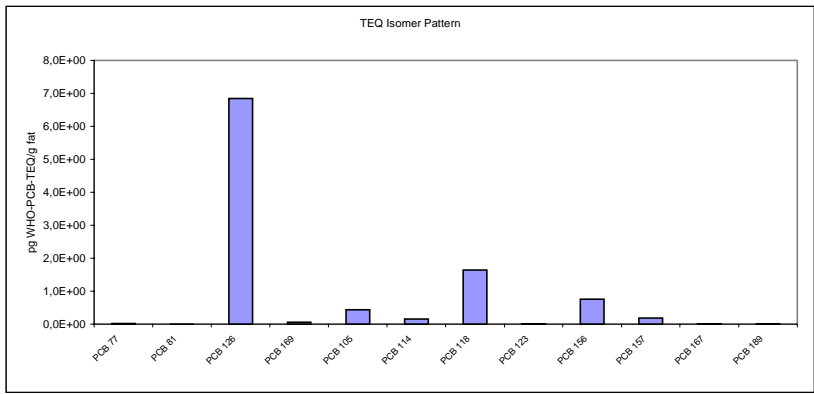
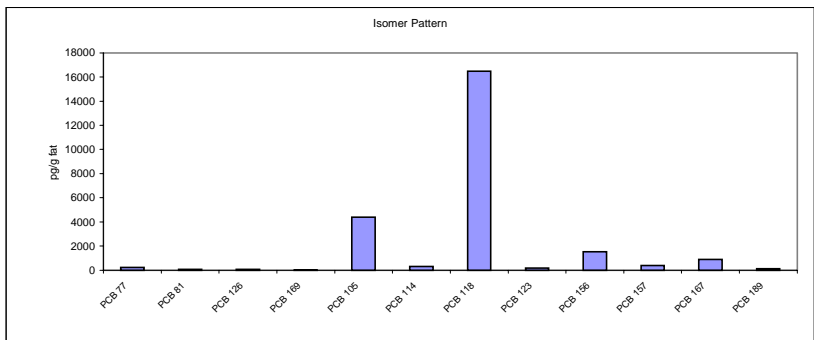
|                   |           |                |                               |
|-------------------|-----------|----------------|-------------------------------|
| <b>Sample ID:</b> | 411/01-21 | <b>Matrix:</b> | 028 pelagic and demersal fish |
|                   |           | <b>Region:</b> | BENE                          |

**Mixed Sample Composition**

no. individ. samples: 4  
 individual sample ID: 028-B-B-1  
 028-B-N-1 to 028-B-N-3  
 fat content (%): 13,39

| Results | pg/g fresh weight | pg/g fat | Recovery rate <sup>13</sup> C <sub>12</sub> standard |
|---------|-------------------|----------|--|
| PCB 77  | 29                | 220      | 86   |
| PCB 81  | 7,0               | 52       |  |
| PCB 126 | 9,1               | 68       | 109  |
| PCB 169 | 0,8               | 5,8      | 73   |
| PCB 105 | 590               | 4400     | 99   |
| PCB 114 | 43                | 320      |  |
| PCB 118 | 2100              | 16000    | 92   |
| PCB 123 | 24                | 180      |  |
| PCB 156 | 200               | 1500     | 82   |
| PCB 157 | 50                | 370      |  |
| PCB 167 | 120               | 880      | 100  |
| PCB 189 | 16                | 120      | 62   |

|  |            |             |
|--|------------|-------------|
| <b>WHO-PCB-TEQ (excluding LOQ)</b>     | <b>1,4</b> | <b>10,2</b> |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b> | <b>1,4</b> | <b>10,2</b> |
| <b>WHO-PCB-TEQ (including LOQ)</b>     | <b>1,4</b> | <b>10,2</b> |



|                   |           |                |                               |
|-------------------|-----------|----------------|-------------------------------|
| <b>Sample ID:</b> | 412/01-23 | <b>Matrix:</b> | 028 pelagic and demersal fish |
|                   |           | <b>Region:</b> | SCAN                          |

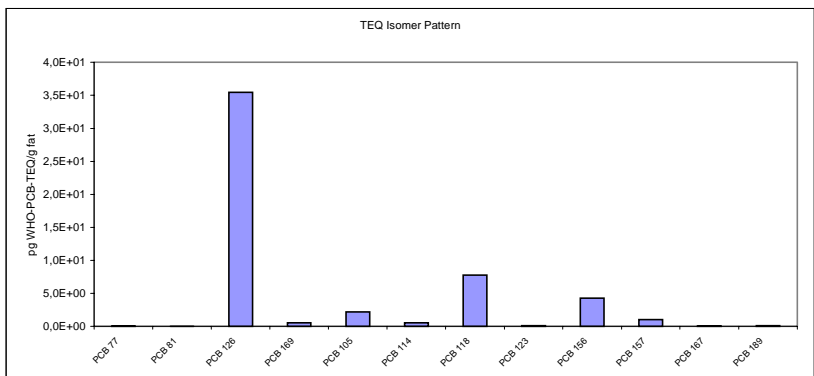
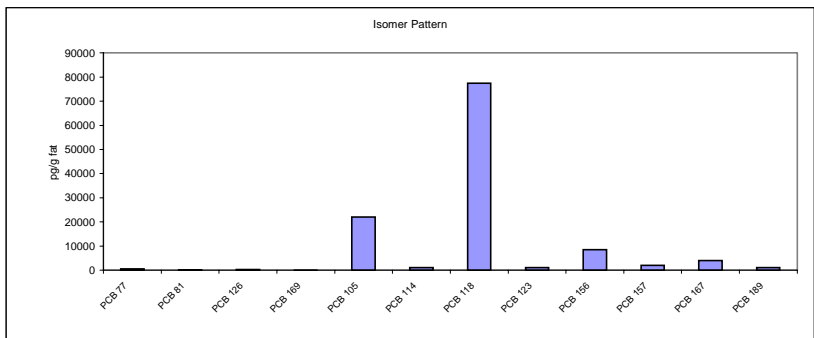
**Mixed Sample Composition**

no. individ. samples: 13  
 individual sample ID: 028-S-D-1 to 028-S-D-10  
 028-S-F-1  
 028-S-S-1 to 028-S-S-3

fat content (%): 6,23

| Results | pg/g fresh weight | pg/g fat | Recovery rate <sup>13</sup> C <sub>12</sub> standard |
|---------|-------------------|----------|--|
| PCB 77  | 35                | 560      | 84   |
| PCB 81  | 12                | 200      |  |
| PCB 126 | 22                | 350      | 94   |
| PCB 169 | 3,2               | 52       | 96   |
| PCB 105 | 1400              | 22000    | 83   |
| PCB 114 | 69                | 1100     |  |
| PCB 118 | 4900              | 78000    | 82   |
| PCB 123 | 69                | 1100     |  |
| PCB 156 | 540               | 8600     | 89   |
| PCB 157 | 120               | 2000     |  |
| PCB 167 | 250               | 4000     | 93   |
| PCB 189 | 69                | 1100     | 78   |

|  |            |             |
|--|------------|-------------|
| <b>WHO-PCB-TEQ (excluding LOQ)</b>     | <b>3,2</b> | <b>52,1</b> |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b> | <b>3,2</b> | <b>52,1</b> |
| <b>WHO-PCB-TEQ (including LOQ)</b>     | <b>3,2</b> | <b>52,1</b> |



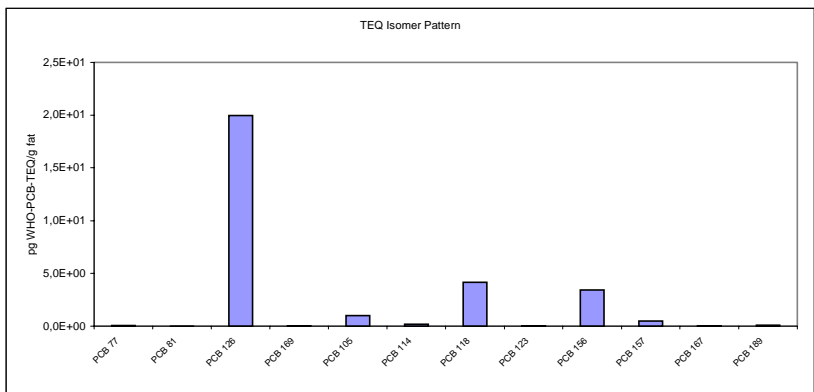
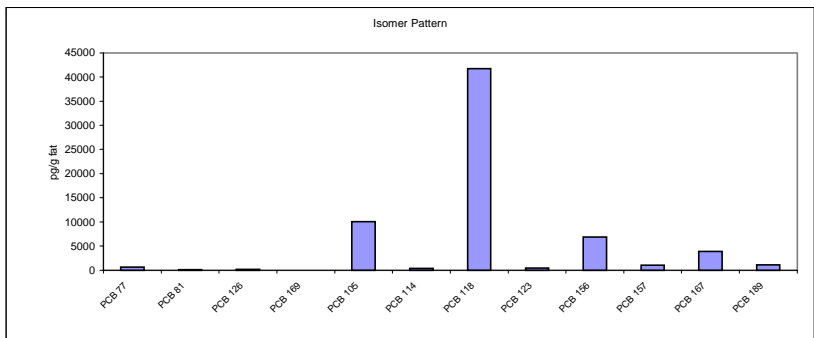
|                   |           |                |                               |
|-------------------|-----------|----------------|-------------------------------|
| <b>Sample ID:</b> | 413/01-25 | <b>Matrix:</b> | 028 pelagic and demersal fish |
|                   |           | <b>Region:</b> | FRANCE                        |

**Mixed Sample Composition**

no. individ. samples: 3  
 individual sample ID: 028-F-N-1 to 028-F-N-2  
 028-F-S-1  
 fat content (%): 16,57

| Results | pg/g fresh weight | pg/g fat | Recovery rate <sup>13</sup> C <sub>12</sub> standard |
|---------|-------------------|----------|--|
| PCB 77  | 110               | 640      | 72   |
| PCB 81  | 18                | 110      |  |
| PCB 126 | 33                | 200      | 93   |
| PCB 169 | 0,7               | 4,1      | 75   |
| PCB 105 | 1700              | 10000    | 85   |
| PCB 114 | 60                | 360      |  |
| PCB 118 | 7000              | 42000    | 81   |
| PCB 123 | 70                | 420      |  |
| PCB 156 | 1100              | 6800     | 78   |
| PCB 157 | 170               | 1000     |  |
| PCB 167 | 630               | 3800     | 80   |
| PCB 189 | 180               | 1100     | 58   |

|  |            |             |
|--|------------|-------------|
| <b>WHO-PCB-TEQ (excluding LOQ)</b>     | <b>4,9</b> | <b>29,5</b> |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b> | <b>4,9</b> | <b>29,5</b> |
| <b>WHO-PCB-TEQ (including LOQ)</b>     | <b>4,9</b> | <b>29,5</b> |



|                   |           |                |                               |
|-------------------|-----------|----------------|-------------------------------|
| <b>Sample ID:</b> | 414/01-27 | <b>Matrix:</b> | 028 pelagic and demersal fish |
|                   |           | <b>Region:</b> | POSP                          |

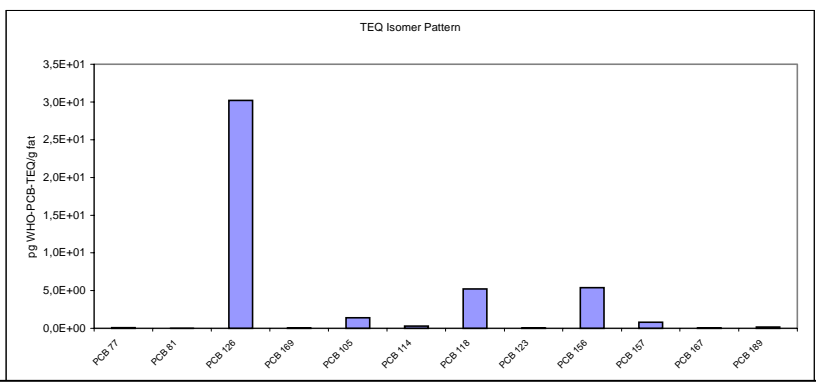
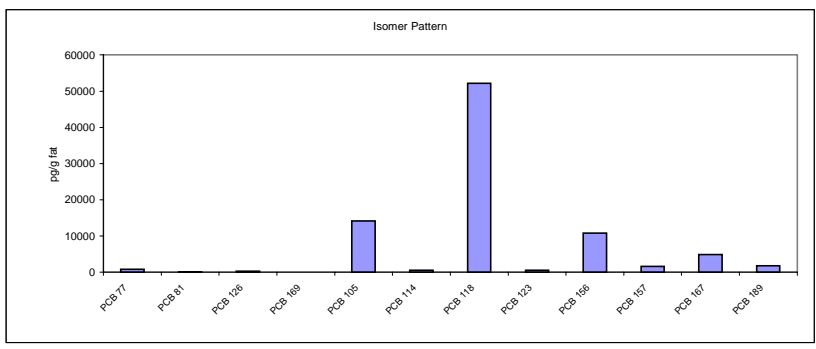
**Mixed Sample Composition**

no. individ. samples: 7  
 individual sample ID: 028-P-P-1  
 028-P-N-1 to 028-P-N-3  
 028-P-S-1 to 028-P-S-3

fat content (%): 14,4

| Results | pg/g fresh weight | pg/g fat | Recovery rate <sup>13</sup> C <sub>12</sub> standard |
|---------|-------------------|----------|--|
| PCB 77  | 120               | 800      | 90   |
| PCB 81  | 16                | 110      |  |
| PCB 126 | 43                | 300      | 100  |
| PCB 169 | 1,0               | 6,9      | 85   |
| PCB 105 | 2000              | 14000    | 86   |
| PCB 114 | 81                | 560      |  |
| PCB 118 | 7500              | 52000    | 85   |
| PCB 123 | 81                | 560      |  |
| PCB 156 | 1600              | 11000    | 85   |
| PCB 157 | 230               | 1600     |  |
| PCB 167 | 710               | 4900     | 86   |
| PCB 189 | 260               | 1800     | 58   |

|  |            |             |
|--|------------|-------------|
| <b>WHO-PCB-TEQ (excluding LOQ)</b>     | <b>6,3</b> | <b>43,8</b> |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b> | <b>6,3</b> | <b>43,8</b> |
| <b>WHO-PCB-TEQ (including LOQ)</b>     | <b>6,3</b> | <b>43,8</b> |



|                   |           |                |                               |
|-------------------|-----------|----------------|-------------------------------|
| <b>Sample ID:</b> | 415/01-25 | <b>Matrix:</b> | 028 pelagic and demersal fish |
|                   |           | <b>Region:</b> | GRIT                          |

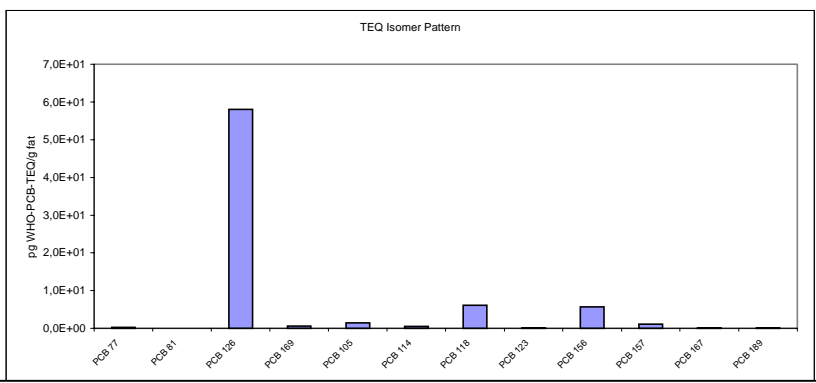
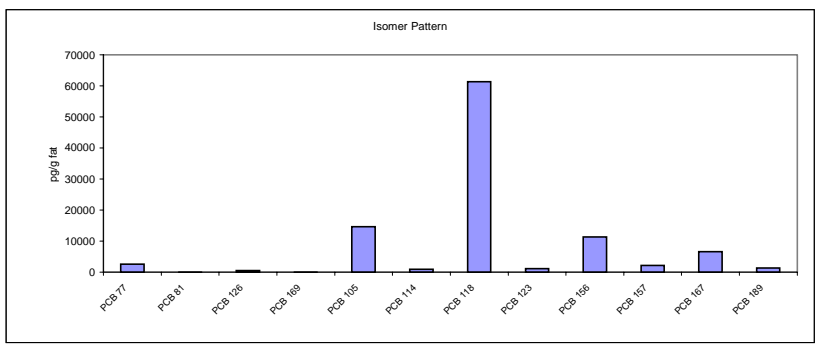
**Mixed Sample Composition**

no. individ. samples: 3  
 individual sample ID: 028-G-G-1  
 028-G-N-1  
 028-G-S-1

fat content (%): 7,58

| Results | pg/g fresh weight | pg/g fat | Recovery rate <sup>13</sup> C <sub>12</sub> standard |
|---------|-------------------|----------|--|
| PCB 77  | 200               | 2600     | 56   |
| PCB 81  | 2,6               | 34       |  |
| PCB 126 | 44                | 580      | 73   |
| PCB 169 | 4,2               | 56       | 71   |
| PCB 105 | 1100              | 15000    | 64   |
| PCB 114 | 72                | 950      |  |
| PCB 118 | 4600              | 61000    | 62   |
| PCB 123 | 91                | 1200     |  |
| PCB 156 | 830               | 11000    | 62   |
| PCB 157 | 170               | 2200     |  |
| PCB 167 | 500               | 6600     | 58   |
| PCB 189 | 110               | 1400     | 61   |

|  |            |             |
|--|------------|-------------|
| <b>WHO-PCB-TEQ (excluding LOQ)</b>     | <b>5,6</b> | <b>74,1</b> |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b> | <b>5,6</b> | <b>74,1</b> |
| <b>WHO-PCB-TEQ (including LOQ)</b>     | <b>5,6</b> | <b>74,1</b> |



|                   |           |                |                               |
|-------------------|-----------|----------------|-------------------------------|
| <b>Sample ID:</b> | 416/01-21 | <b>Matrix:</b> | 028 pelagic and demersal fish |
|                   |           | <b>Region:</b> | IRUK                          |

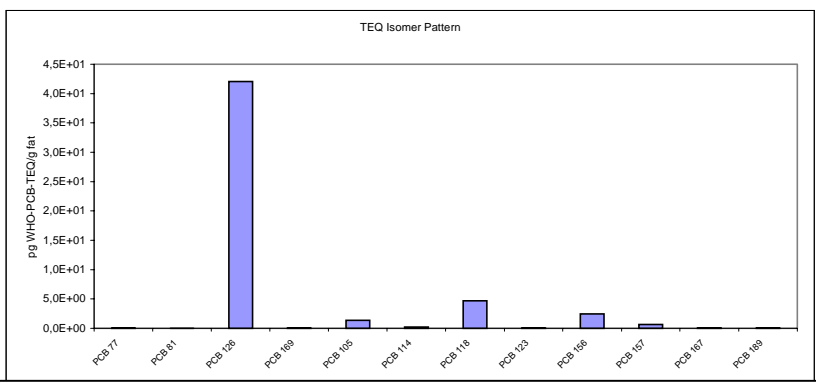
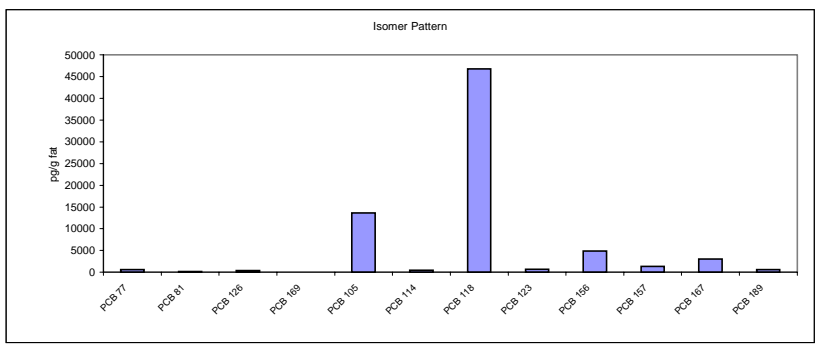
**Mixed Sample Composition**

no. individ. samples: 6  
 individual sample ID: 028-I-I-1 to 028-I-I-2  
 028-I-N-1 to 028-I-N-2  
 028-I-S-1 to 028-I-S-2

fat content (%): 14,46

| Results | pg/g fresh weight | pg/g fat | Recovery rate <sup>13</sup> C <sub>12</sub> standard |
|---------|-------------------|----------|--|
| PCB 77  | 87                | 600      | 70   |
| PCB 81  | 20                | 140      |  |
| PCB 126 | 61                | 420      | 91   |
| PCB 169 | 1,0               | 6,8      | 66   |
| PCB 105 | 2000              | 14000    | 86   |
| PCB 114 | 68                | 470      |  |
| PCB 118 | 6800              | 47000    | 79   |
| PCB 123 | 100               | 710      |  |
| PCB 156 | 710               | 4900     | 73   |
| PCB 157 | 200               | 1400     |  |
| PCB 167 | 450               | 3100     | 76   |
| PCB 189 | 82                | 570      | 43   |

|  |            |             |
|--|------------|-------------|
| <b>WHO-PCB-TEQ (excluding LOQ)</b>     | <b>7,5</b> | <b>51,7</b> |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b> | <b>7,5</b> | <b>51,7</b> |
| <b>WHO-PCB-TEQ (including LOQ)</b>     | <b>7,5</b> | <b>51,7</b> |



9.5.29

Fish Body Oil

|   |                        |   |                   |
|---|------------------------|---|-------------------|
| <b>Sample ID:</b>                         | 410/01-26              | <b>Matrix:</b>  | 029 fish body oil |
|   |                        | <b>Region:</b>  | AUGE              |
| <b>Mixed Sample Composition</b>           |                        |   |                   |
| no. individ. samples:                     | 2                      |   |                   |
| individual sample ID:                     | 026-A-N-1 to 026-A-N-2 |   |                   |
| fat content (%)                           | 99,8                   |   |                   |
| <b>Results</b>                            | <b>pg/g fat</b>        | <b>Recovery rate<br/><sup>13</sup>C<sub>12</sub> standard</b> |                   |
| PCB 77                                    | 330                    | 114   |                   |
| PCB 81                                    | 6,3                    |   |                   |
| PCB 126                                   | 140                    | 105   |                   |
| PCB 169                                   | 14                     | 65  |                   |
| PCB 105                                   | 88000                  | 104   |                   |
| PCB 114                                   | 46                     |   |                   |
| PCB 118                                   | 25000                  | 109   |                   |
| PCB 123                                   | 190                    |   |                   |
| PCB 156                                   | 2800                   | 104   |                   |
| PCB 157                                   | 600                    |   |                   |
| PCB 167                                   | 1500                   | 102   |                   |
| PCB 189                                   | 270                    | 52  |                   |
| <b>WHO-PCB-TEQ</b><br>(excluding LOQ)     | <b>27,63</b>           |   |                   |
| <b>WHO-PCB-TEQ</b><br>(including 1/2 LOQ) | <b>27,63</b>           |   |                   |
| <b>WHO-PCB-TEQ</b><br>(including LOQ)     | <b>27,63</b>           |   |                   |
| <p>Isomer Pattern</p>                     |                        |   |                   |
| <p>TEQ Isomer Pattern</p>                 |                        |   |                   |

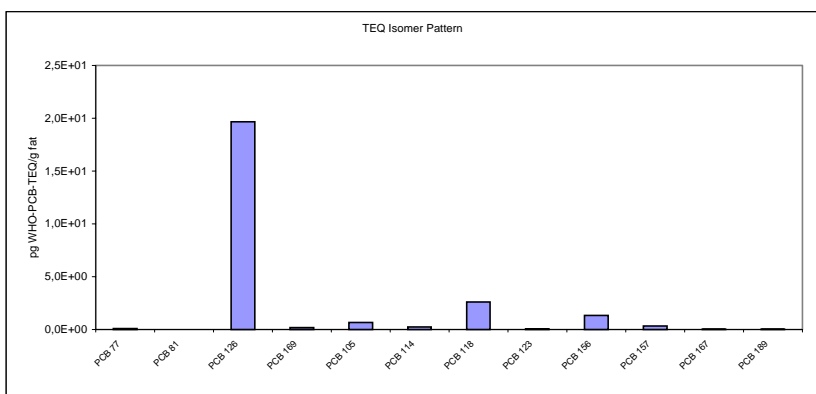
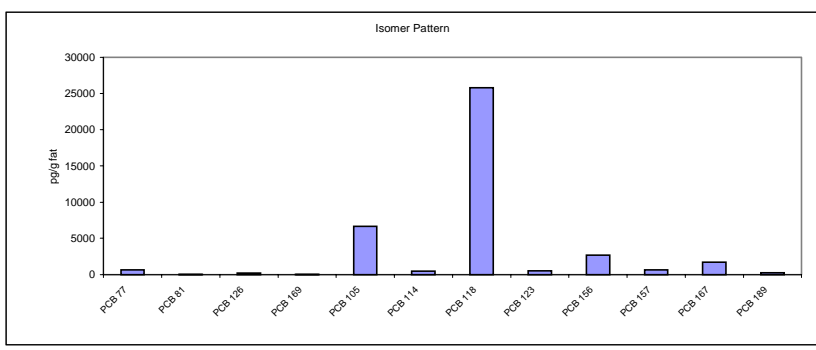
|                   |           |                |                   |
|-------------------|-----------|----------------|-------------------|
| <b>Sample ID:</b> | 412/01-24 | <b>Matrix:</b> | 029 fish body oil |
|                   |           | <b>Region:</b> | SCAN              |

**Mixed Sample Composition**

no. individ. samples: 19  
 individual sample ID: 029-S-D-1 to 029-S-D-11  
 029-S-D-13 to 029-S-D-20  
 fat content (%): 99,86

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 670      | 67  |
| PCB 81  | 16       |   |
| PCB 126 | 200      | 84  |
| PCB 169 | 16       | 64  |
| PCB 105 | 6600     | 71  |
| PCB 114 | 470      |   |
| PCB 118 | 26000    | 69  |
| PCB 123 | 490      |   |
| PCB 156 | 2700     | 69  |
| PCB 157 | 650      |   |
| PCB 167 | 1700     | 60  |
| PCB 189 | 230      | 50  |

**WHO-PCB-TEQ** 25,14  
 (excluding LOQ)  
**WHO-PCB-TEQ** 25,14  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** 25,14  
 (including LOQ)



|                   |           |                |                   |
|-------------------|-----------|----------------|-------------------|
| <b>Sample ID:</b> | 414/01-28 | <b>Matrix:</b> | 029 fish body oil |
|                   |           | <b>Region:</b> | POSP              |

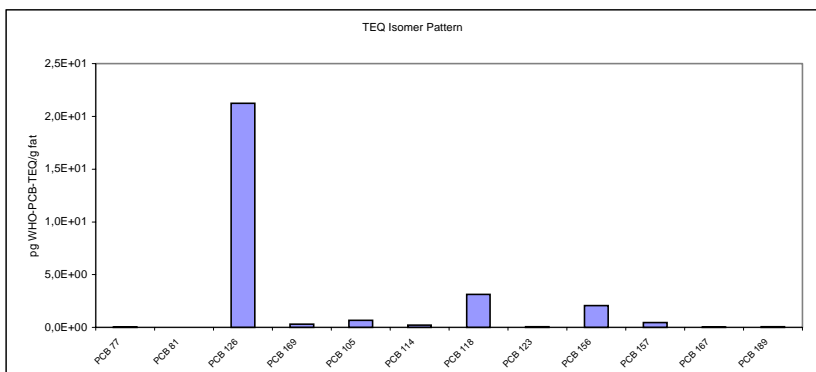
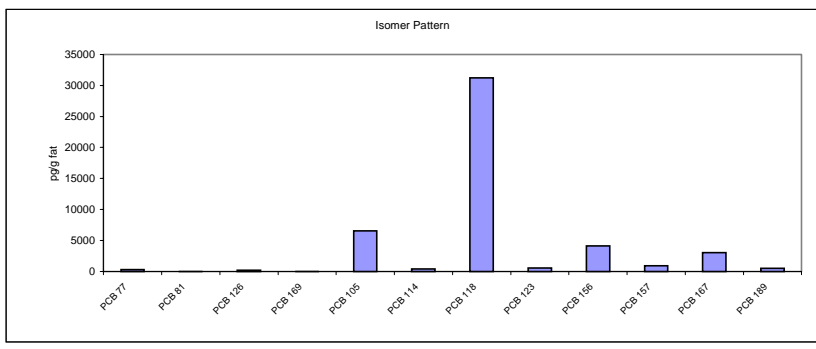
**Mixed Sample Composition**

no. individ. samples: 3  
 individual sample ID: 029-P-P-1  
 029-P-N-1  
 029-P-S-1

fat content (%): 99,8

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 310      | 66  |
| PCB 81  | 9,8      |   |
| PCB 126 | 210      | 86  |
| PCB 169 | 30       | 74  |
| PCB 105 | 6500     | 78  |
| PCB 114 | 420      |   |
| PCB 118 | 31000    | 70  |
| PCB 123 | 600      |   |
| PCB 156 | 4100     | 72  |
| PCB 157 | 920      |   |
| PCB 167 | 3100     | 63  |
| PCB 189 | 540      | 50  |

**WHO-PCB-TEQ** **28,24**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **28,24**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **28,24**  
 (including LOQ)



## 9.5.30 Freshwater Fish

| Sample ID:                                 | 410/01-27   | Matrix:             | 030 freshwater fish   |
|--|---|---------------------|---|
|  |   | Region:             | AUGE  |
| <b>Mixed Sample Composition</b>            |   |                     |   |
| no. individ. samples:                      | 7   |                     |   |
| individual sample ID:                      | 030-A-A-1<br>030-A-N-1 to 030-A-N-3<br>030-A-S-1 to 030-A-S-3 |                     |   |
| fat content (%):                           | 5,82  |                     |   |
| <b>Results</b>                             | <b>pg/g<br/>fresh weight</b>                                  | <b>pg/g<br/>fat</b> | <b>Recovery rate<br/><sup>13</sup>C<sub>12</sub> standard</b> |
| PCB 77                                     | 47  | 800                 | 80  |
| PCB 81                                     | 6,4   | 110                 |   |
| PCB 126                                    | 12  | 200                 | 108   |
| PCB 169                                    | 0,3   | 4,5                 | 76  |
| PCB 105                                    | 580   | 10000               | 93  |
| PCB 114                                    | 27  | 460                 |   |
| PCB 118                                    | 1900  | 33000               | 95  |
| PCB 123                                    | 30  | 510                 |   |
| PCB 156                                    | 180   | 3100                | 81  |
| PCB 157                                    | 41  | 700                 |   |
| PCB 167                                    | 93  | 1600                | 82  |
| PCB 189                                    | 11  | 190                 | 58  |
| <b>WHO-PCB-TEQ<br/>(excluding LOQ)</b>     | <b>1,5</b>  | <b>26,2</b>         |   |
| <b>WHO-PCB-TEQ<br/>(including 1/2 LOQ)</b> | <b>1,5</b>  | <b>26,2</b>         |   |
| <b>WHO-PCB-TEQ<br/>(including LOQ)</b>     | <b>1,5</b>  | <b>26,2</b>         |   |
| <p>Isomer Pattern</p>                      |   |                     |   |
| <p>TEQ Isomer Pattern</p>                  |   |                     |   |

|                   |           |                |                     |
|-------------------|-----------|----------------|---------------------|
| <b>Sample ID:</b> | 411/01-22 | <b>Matrix:</b> | 030 freshwater fish |
|                   |           | <b>Region:</b> | BENE                |

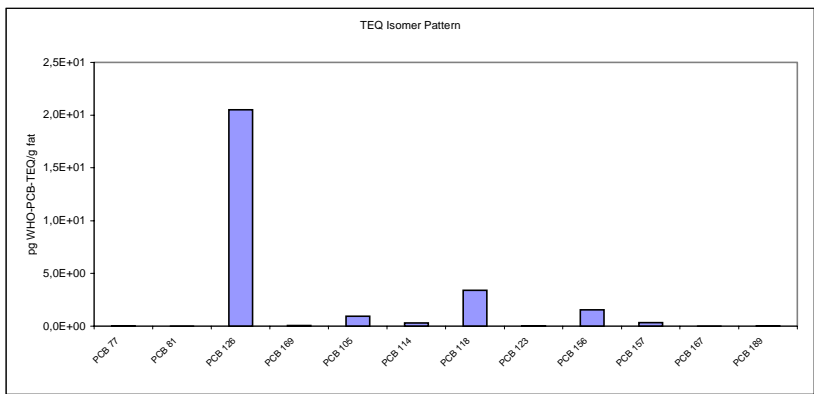
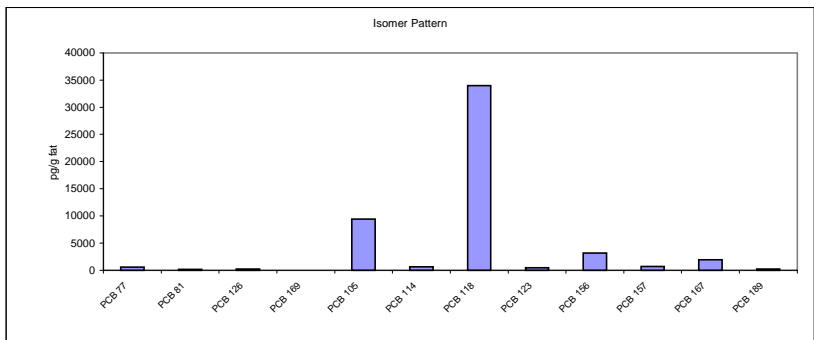
**Mixed Sample Composition**

no. individ. samples: 2  
 individual sample ID: 030-B-B-1  
 030-B-N-1

fat content (%): 6,14

| Results | pg/g fresh weight | pg/g fat | Recovery rate <sup>13</sup> C <sub>12</sub> standard |
|---------|-------------------|----------|--|
| PCB 77  | 35                | 570      | 93   |
| PCB 81  | 7,4               | 120      |  |
| PCB 126 | 13                | 210      | 110  |
| PCB 169 | 0,4               | 6,8      | 60   |
| PCB 105 | 580               | 9400     | 100  |
| PCB 114 | 39                | 630      |  |
| PCB 118 | 2100              | 34000    | 89   |
| PCB 123 | 29                | 470      |  |
| PCB 156 | 190               | 3100     | 93   |
| PCB 157 | 44                | 710      |  |
| PCB 167 | 120               | 1900     | 112  |
| PCB 189 | 14                | 230      | 52   |

|  |            |             |
|--|------------|-------------|
| <b>WHO-PCB-TEQ (excluding LOQ)</b>     | <b>1,7</b> | <b>27,3</b> |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b> | <b>1,7</b> | <b>27,3</b> |
| <b>WHO-PCB-TEQ (including LOQ)</b>     | <b>1,7</b> | <b>27,3</b> |



|                   |           |                |                     |
|-------------------|-----------|----------------|---------------------|
| <b>Sample ID:</b> | 412/01-25 | <b>Matrix:</b> | 030 freshwater fish |
|                   |           | <b>Region:</b> | SCAN                |

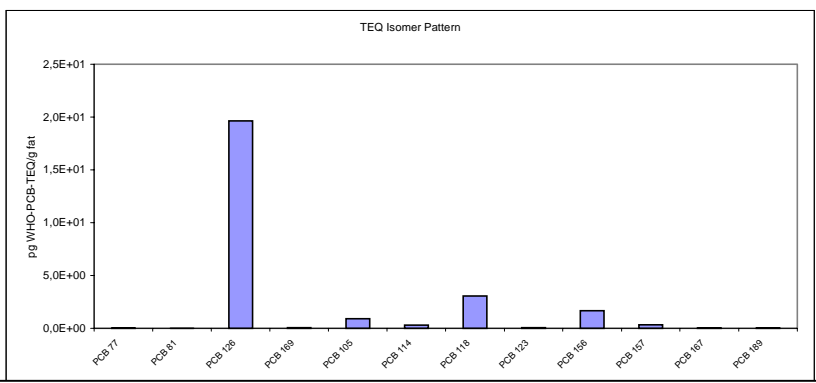
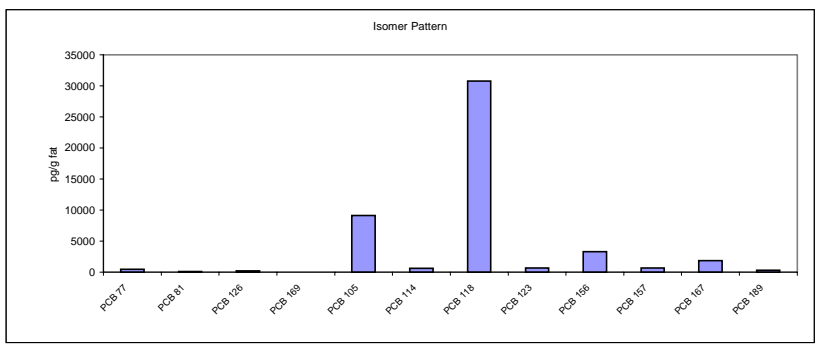
**Mixed Sample Composition**

no. individ. samples: 12  
 individual sample ID: 030-S-D-1 to 030-S-D-4  
 030-S-F-1 to 030-S-F-7  
 030-S-S-1

fat content (%): 7,10

| Results | pg/g fresh weight | pg/g fat | Recovery rate <sup>13</sup> C <sub>12</sub> standard |
|---------|-------------------|----------|--|
| PCB 77  | 35                | 490      | 92   |
| PCB 81  | 7,8               | 110      |  |
| PCB 126 | 14                | 200      | 108  |
| PCB 169 | 0,4               | 5,2      | 57   |
| PCB 105 | 650               | 9200     | 99   |
| PCB 114 | 45                | 630      |  |
| PCB 118 | 2200              | 31000    | 93   |
| PCB 123 | 47                | 660      |  |
| PCB 156 | 230               | 3300     | 88   |
| PCB 157 | 50                | 700      |  |
| PCB 167 | 130               | 1900     | 103  |
| PCB 189 | 25                | 350      | 55   |

|  |            |             |
|--|------------|-------------|
| <b>WHO-PCB-TEQ (excluding LOQ)</b>     | <b>1,9</b> | <b>26,2</b> |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b> | <b>1,9</b> | <b>26,2</b> |
| <b>WHO-PCB-TEQ (including LOQ)</b>     | <b>1,9</b> | <b>26,2</b> |





|                   |           |                |                     |
|-------------------|-----------|----------------|---------------------|
| <b>Sample ID:</b> | 415/01-26 | <b>Matrix:</b> | 030 freshwater fish |
|                   |           | <b>Region:</b> | GRIT                |

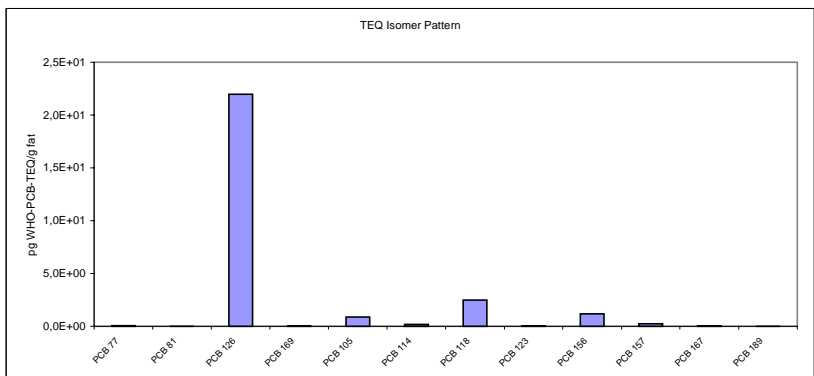
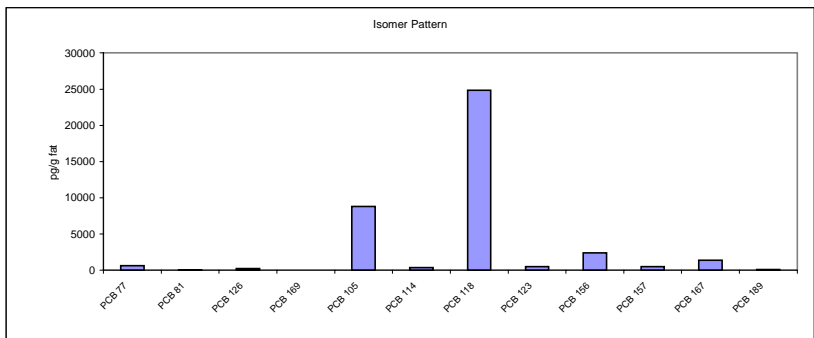
**Mixed Sample Composition**

no. individ. samples: 8  
 individual sample ID: 030-G-G-1 to 030-G-G-2  
 030-G-N-1 to 030-G-N-3  
 030-G-S-1 to 030-G-S-3

fat content (%): 9,21

| Results | pg/g fresh weight | pg/g fat | Recovery rate <sup>13</sup> C <sub>12</sub> standard |
|---------|-------------------|----------|--|
| PCB 77  | 59                | 640      | 61   |
| PCB 81  | 6,5               | 71       |  |
| PCB 126 | 20                | 220      | 74   |
| PCB 169 | 0,4               | 4,6      | 59   |
| PCB 105 | 810               | 8800     | 72   |
| PCB 114 | 31                | 340      |  |
| PCB 118 | 2300              | 25000    | 68   |
| PCB 123 | 46                | 500      |  |
| PCB 156 | 220               | 2400     | 64   |
| PCB 157 | 47                | 510      |  |
| PCB 167 | 130               | 1400     | 68   |
| PCB 189 | 11                | 120      | 42   |

|  |            |             |
|--|------------|-------------|
| <b>WHO-PCB-TEQ (excluding LOQ)</b>     | <b>2,5</b> | <b>27,1</b> |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b> | <b>2,5</b> | <b>27,1</b> |
| <b>WHO-PCB-TEQ (including LOQ)</b>     | <b>2,5</b> | <b>27,1</b> |



|                   |           |                |                     |
|-------------------|-----------|----------------|---------------------|
| <b>Sample ID:</b> | 416/01-23 | <b>Matrix:</b> | 030 freshwater fish |
|                   |           | <b>Region:</b> | IRUK                |

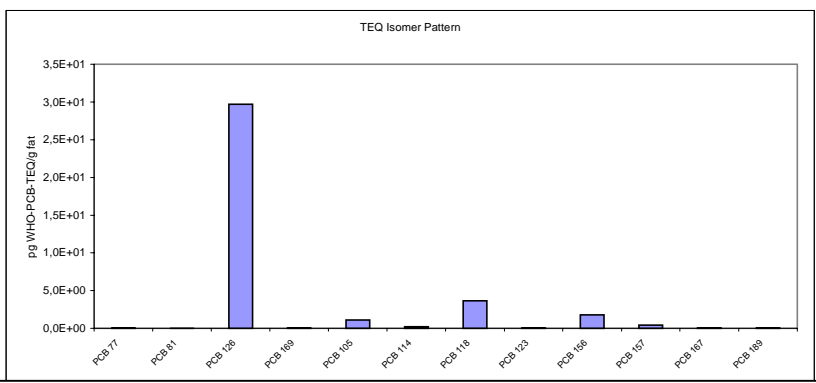
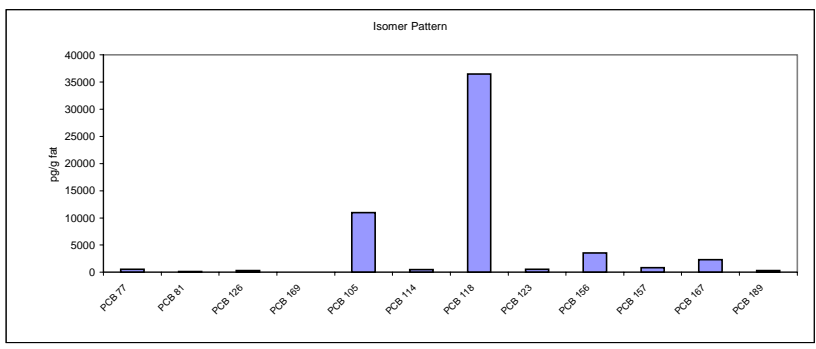
**Mixed Sample Composition**

no. individ. samples: 14  
 individual sample ID: 030-I-I-1 to 030-I-I-2  
 030-I-N-1 to 030-I-N-6  
 030-I-S-1 to 030-I-S-6

fat content (%): 10,68

| Results | pg/g fresh weight | pg/g fat | Recovery rate <sup>13</sup> C <sub>12</sub> standard |
|---------|-------------------|----------|--|
| PCB 77  | 60                | 560      | 68   |
| PCB 81  | 16                | 150      |  |
| PCB 126 | 32                | 300      | 79   |
| PCB 169 | 0,4               | 3,9      | 69   |
| PCB 105 | 1200              | 11000    | 81   |
| PCB 114 | 49                | 460      |  |
| PCB 118 | 4000              | 37000    | 76   |
| PCB 123 | 59                | 550      |  |
| PCB 156 | 380               | 3600     | 76   |
| PCB 157 | 89                | 830      |  |
| PCB 167 | 250               | 2300     | 82   |
| PCB 189 | 35                | 330      | 63   |

|  |            |             |
|--|------------|-------------|
| <b>WHO-PCB-TEQ (excluding LOQ)</b>     | <b>4,0</b> | <b>37,1</b> |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b> | <b>4,0</b> | <b>37,1</b> |
| <b>WHO-PCB-TEQ (including LOQ)</b>     | <b>4,0</b> | <b>37,1</b> |



9.5.31

Eggs

|  |   |   |          |
|--|---|---|----------|
| <b>Sample ID:</b>                          | 410/01-28   | <b>Matrix:</b>  | 031 eggs |
|  |   | <b>Region:</b>  | AUGE     |
| <b>Mixed Sample Composition</b>            |   |   |          |
| no. individ. samples:                      | 9   |   |          |
| individual sample ID:                      | 031-A-A-1<br>031-A-N-1 to 031-A-N-6<br>031-A-S-1 to 031-A-S-2 |   |          |
| fat content (%):                           | 10,89   |   |          |
| <b>Results</b>                             | <b>pg/g fat</b>   | <b>Recovery rate<br/><sup>13</sup>C<sub>12</sub> standard</b> |          |
| PCB 77                                     | 7,5   | 92  |          |
| PCB 81                                     | 2,4   |   |          |
| PCB 126                                    | 3,2   | 115   |          |
| PCB 169                                    | 1,0   | 103   |          |
| PCB 105                                    | 220   | 104   |          |
| PCB 114                                    | 5,4   |   |          |
| PCB 118                                    | 1100  | 93  |          |
| PCB 123                                    | 5,5   |   |          |
| PCB 156                                    | 160   | 98  |          |
| PCB 157                                    | 10  |   |          |
| PCB 167                                    | 39  | 94  |          |
| PCB 189                                    | 8,1   | 99  |          |
| <b>WHO-PCB-TEQ<br/>(excluding LOQ)</b>     | <b>0,55</b>   |   |          |
| <b>WHO-PCB-TEQ<br/>(including 1/2 LOQ)</b> | <b>0,55</b>   |   |          |
| <b>WHO-PCB-TEQ<br/>(including LOQ)</b>     | <b>0,55</b>   |   |          |
|  |   |   |          |
|  |   |   |          |

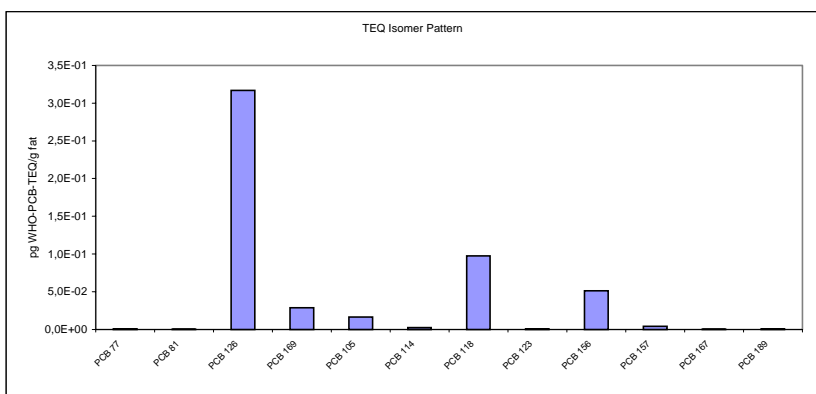
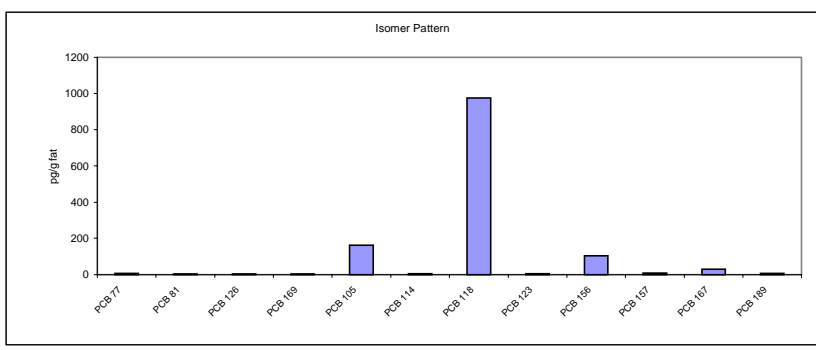
|                   |           |                |          |
|-------------------|-----------|----------------|----------|
| <b>Sample ID:</b> | 411/01-23 | <b>Matrix:</b> | 031 eggs |
|                   |           | <b>Region:</b> | BENE     |

**Mixed Sample Composition**

no. individ. samples: 8  
 individual sample ID: 031-B-B-1 to 031-B-B-2  
 031-B-N-1 to 031-B-N-6  
 fat content (%): 10,53

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 6,3      | 91  |
| PCB 81  | 2,2      |   |
| PCB 126 | 3,2      | 94  |
| PCB 169 | 2,9      | 100   |
| PCB 105 | 160      |   |
| PCB 114 | 4,9      |   |
| PCB 118 | 980      | 99  |
| PCB 123 | 4,8      |   |
| PCB 156 | 100      | 92  |
| PCB 157 | 8,3      |   |
| PCB 167 | 29       | 89  |
| PCB 189 | 6,5      | 100   |

|  |             |
|--|-------------|
| <b>WHO-PCB-TEQ (excluding LOQ)</b>     | <b>0,52</b> |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b> | <b>0,52</b> |
| <b>WHO-PCB-TEQ (including LOQ)</b>     | <b>0,52</b> |



|                   |           |                |          |
|-------------------|-----------|----------------|----------|
| <b>Sample ID:</b> | 412/01-26 | <b>Matrix:</b> | 031 eggs |
|                   |           | <b>Region:</b> | SCAN     |

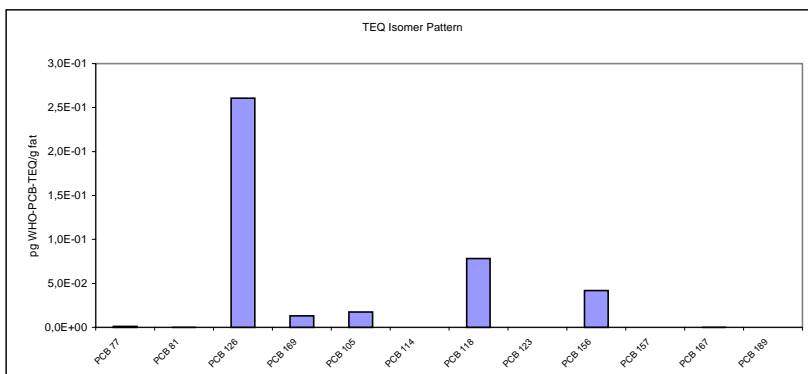
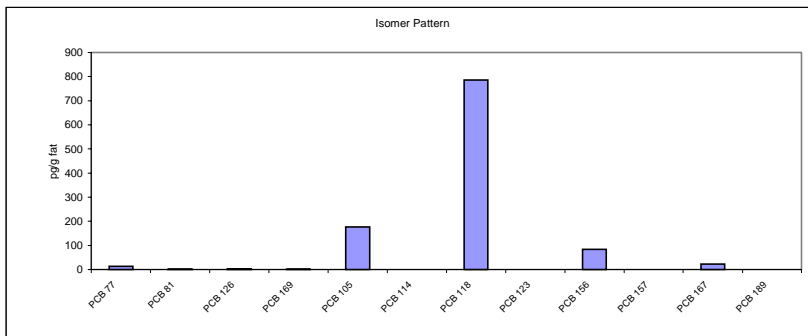
**Mixed Sample Composition**

no. individ. samples: 3  
 individual sample ID: 031-S-D-1  
 031-S-F-1  
 031-S-S-1

fat content (%): 9,84

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 13       | 92  |
| PCB 81  | 1,1      |   |
| PCB 126 | 2,6      | 102   |
| PCB 169 | 1,3      | 92  |
| PCB 105 | 180      | 99  |
| PCB 114 | <        | 5,0   |
| PCB 118 | 780      | 93  |
| PCB 123 | <        | 5,0   |
| PCB 156 | 84       | 96  |
| PCB 157 | <        | 5,0   |
| PCB 167 | 23       | 99  |
| PCB 189 | <        | 5,0   |

**WHO-PCB-TEQ** **0,41**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,42**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,42**  
 (including LOQ)



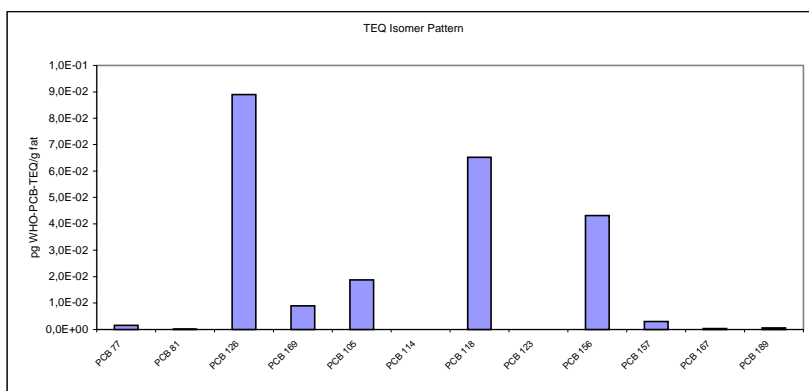
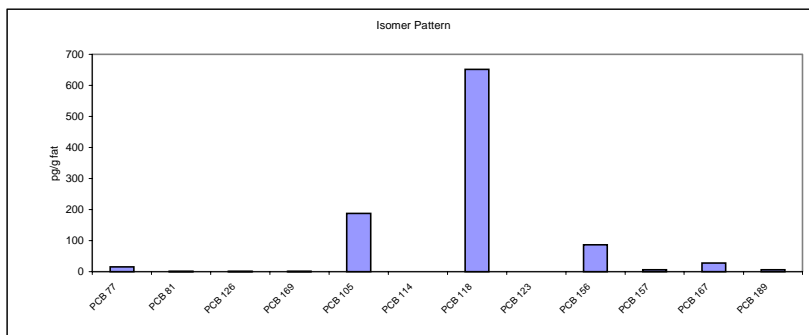
|                   |           |                |          |
|-------------------|-----------|----------------|----------|
| <b>Sample ID:</b> | 413/01-28 | <b>Matrix:</b> | 031 eggs |
|                   |           | <b>Region:</b> | FRANCE   |

**Mixed Sample Composition**

no. individ. samples: 9  
 individual sample ID: 031-F-N-1 to 031-F-N-6  
 031-F-S-1 to 031-F-S-3  
 fat content (%): 10,24

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 15       | 91  |
| PCB 81  | 0,8      |   |
| PCB 126 | 0,9      | 95  |
| PCB 169 | 0,9      | 89  |
| PCB 105 | 190      | 95  |
| PCB 114 | <        | 5,0   |
| PCB 118 | 650      | 87  |
| PCB 123 | <        | 5,0   |
| PCB 156 | 86       | 90  |
| PCB 157 | 5,8      |   |
| PCB 167 | 27       | 97  |
| PCB 189 | 5,2      | 80  |

**WHO-PCB-TEQ** **0,23**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,23**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,23**  
 (including LOQ)



|                   |           |                |          |
|-------------------|-----------|----------------|----------|
| <b>Sample ID:</b> | 414/01-30 | <b>Matrix:</b> | 031 eggs |
|                   |           | <b>Region:</b> | POSP     |

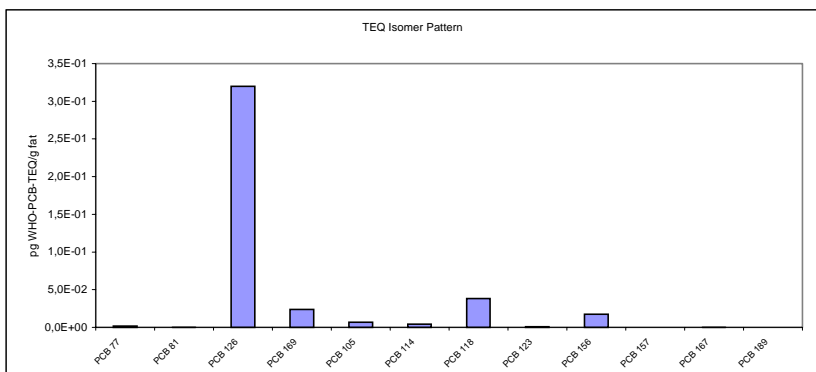
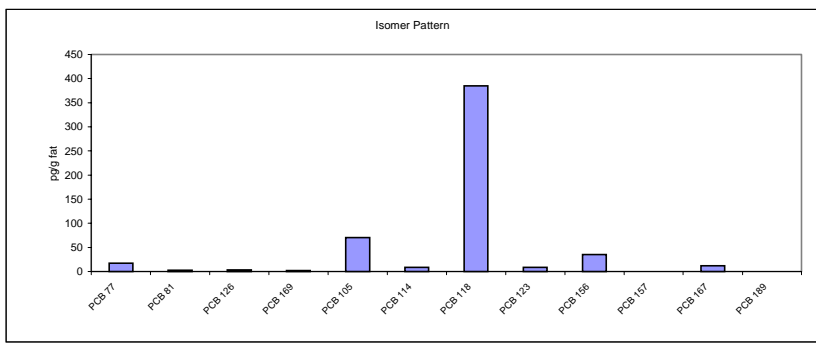
**Mixed Sample Composition**

no. individ. samples: 7  
 individual sample ID: 031-P-P-1  
 031-P-N-1 to 031-P-N-3  
 031-P-S-1 to 031-P-S-3

fat content (%): 9,53

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 17       | 93  |
| PCB 81  | 2,6      |   |
| PCB 126 | 3,2      | 113   |
| PCB 169 | 2,4      | 110   |
| PCB 105 | 70       | 104   |
| PCB 114 | 8,9      |   |
| PCB 118 | 380      | 99  |
| PCB 123 | 8,8      |   |
| PCB 156 | 35       | 100   |
| PCB 157 | <        | 5,0   |
| PCB 167 |          | 12  |
| PCB 189 | <        | 5,0   |
|         |          | 92  |
|         |          | 101   |

|   |             |
|---|-------------|
| <b>WHO-PCB-TEQ</b><br>(excluding LOQ)     | <b>0,41</b> |
| <b>WHO-PCB-TEQ</b><br>(including 1/2 LOQ) | <b>0,42</b> |
| <b>WHO-PCB-TEQ</b><br>(including LOQ)     | <b>0,42</b> |



|                   |           |                |          |
|-------------------|-----------|----------------|----------|
| <b>Sample ID:</b> | 415/01-24 | <b>Matrix:</b> | 031 eggs |
|                   |           | <b>Region:</b> | GRIT     |

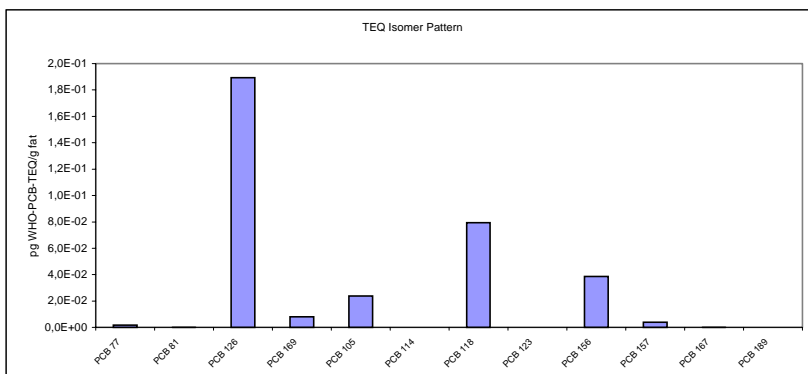
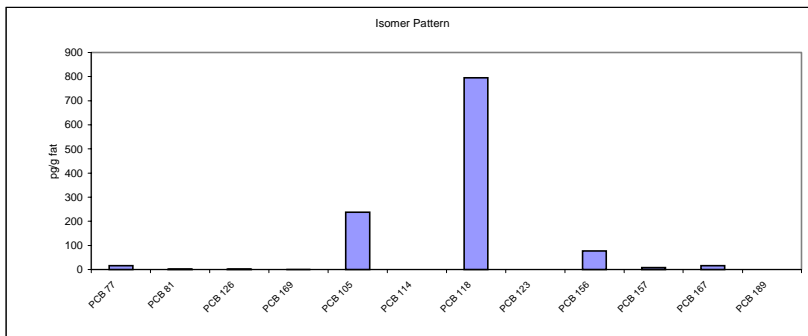
**Mixed Sample Composition**

no. individ. samples: 8  
 individual sample ID: 031-G-G-1  
 031-G-N-1 to 031-G-N-6  
 031-G-S-1

fat content (%): 9,34

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 17       | 94  |
| PCB 81  | 1,3      |   |
| PCB 126 | 1,9      | 101   |
| PCB 169 | 0,8      | 96  |
| PCB 105 | 240      | 95  |
| PCB 114 | <        | 5,0   |
| PCB 118 | 790      | 85  |
| PCB 123 | <        | 5,0   |
| PCB 156 | 77       | 90  |
| PCB 157 | 7,8      |   |
| PCB 167 | 16       | 85  |
| PCB 189 | <        | 5,0   |

**WHO-PCB-TEQ** **0,34**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,35**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,35**  
 (including LOQ)



|                   |           |                |          |
|-------------------|-----------|----------------|----------|
| <b>Sample ID:</b> | 416/01-24 | <b>Matrix:</b> | 031 eggs |
|                   |           | <b>Region:</b> | IRUK     |

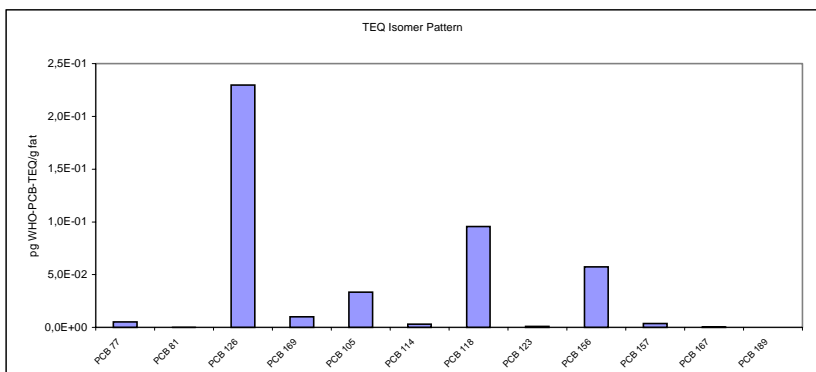
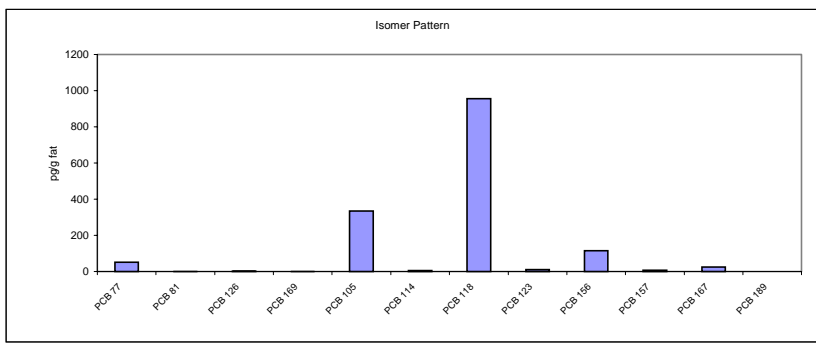
**Mixed Sample Composition**

no. individ. samples: 8  
 individual sample ID: 031-I-I-1  
 031-I-N-1 to 031-I-N-2  
 031-I-S-1 to 031-I-S-4, 031-I-S-6

fat content (%): 7,93

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 51       | 113   |
| PCB 81  | 1,1      |   |
| PCB 126 | 2,3      | 105   |
| PCB 169 | 1,0      | 92  |
| PCB 105 | 330      | 96  |
| PCB 114 | 6,2      |   |
| PCB 118 | 950      | 86  |
| PCB 123 | 9,9      |   |
| PCB 156 | 120      | 93  |
| PCB 157 | 7,7      |   |
| PCB 167 | 25       | 94  |
| PCB 189 | <        | 5,0   |
|         | 5,0      | 89  |

**WHO-PCB-TEQ** **0,44**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,44**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,44**  
 (including LOQ)



9.5.32

Peas

| <b>Sample ID:</b>   | 410/01-29              | <b>Matrix:</b>  | 032 peas |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
|---|------------------------|---|----------|--------------|-----------------------|--------|---------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|
|   |                        | <b>Region:</b>  | AUGE     |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
| <b>Mixed Sample Composition</b>   |                        |   |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
| no. individ. samples:   | 7                      |   |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
| individual sample ID:   | 032-A-A-1              |   |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
|   | 032-A-N-1 to 032-A-N-4 |   |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
|   | 032-A-S-1 to 032 A-S-2 |   |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
| dry matter (%):   | 91,18                  |   |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
| <b>Results</b>  | <b>pg/g d.m.</b>       | <b>Recovery rate <sup>13</sup>C<sub>12</sub> standard</b> |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 77  | 20,00                  | 95  |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 81  | 0,10                   |   |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 126   | 0,09                   | 107   |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 169   | 0,06                   | 107   |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 105   | 9,60                   | 98  |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 114   | 1,50                   |   |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 118   | 36,00                  | 93  |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 123   | <                      | 0,40  |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 156   | <                      | 0,40  |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 157   | <                      | 0,40  |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 167   | <                      | 0,40  |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 189   | <                      | 0,40  |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
| <b>WHO-PCB-TEQ (excluding LOQ)</b>  | <b>0,017</b>           |   |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b>  | <b>0,017</b>           |   |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
| <b>WHO-PCB-TEQ (including LOQ)</b>  | <b>0,017</b>           |   |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
| <b>Isomer Pattern</b>   |                        |   |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
| <table border="1"> <caption>Isomer Pattern Data</caption> <thead> <tr> <th>PCB Congener</th> <th>pg/g d.m.</th> </tr> </thead> <tbody> <tr><td>PCB 77</td><td>20,00</td></tr> <tr><td>PCB 81</td><td>0,10</td></tr> <tr><td>PCB 126</td><td>0,09</td></tr> <tr><td>PCB 169</td><td>0,06</td></tr> <tr><td>PCB 105</td><td>9,60</td></tr> <tr><td>PCB 114</td><td>1,50</td></tr> <tr><td>PCB 118</td><td>36,00</td></tr> <tr><td>PCB 123</td><td>&lt; 0,40</td></tr> <tr><td>PCB 156</td><td>&lt; 0,40</td></tr> <tr><td>PCB 157</td><td>&lt; 0,40</td></tr> <tr><td>PCB 167</td><td>&lt; 0,40</td></tr> <tr><td>PCB 189</td><td>&lt; 0,40</td></tr> </tbody> </table>   |                        |   |          | PCB Congener | pg/g d.m.             | PCB 77 | 20,00   | PCB 81 | 0,10    | PCB 126 | 0,09    | PCB 169 | 0,06    | PCB 105 | 9,60    | PCB 114 | 1,50    | PCB 118 | 36,00   | PCB 123 | < 0,40    | PCB 156 | < 0,40    | PCB 157 | < 0,40    | PCB 167 | < 0,40    | PCB 189 | < 0,40    |
| PCB Congener  | pg/g d.m.              |   |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 77  | 20,00                  |   |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 81  | 0,10                   |   |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 126   | 0,09                   |   |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 169   | 0,06                   |   |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 105   | 9,60                   |   |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 114   | 1,50                   |   |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 118   | 36,00                  |   |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 123   | < 0,40                 |   |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 156   | < 0,40                 |   |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 157   | < 0,40                 |   |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 167   | < 0,40                 |   |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 189   | < 0,40                 |   |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
| <b>TEQ Isomer Pattern</b>   |                        |   |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
| <table border="1"> <caption>TEQ Isomer Pattern Data</caption> <thead> <tr> <th>PCB Congener</th> <th>pg WHO-PCB-TEQ/g d.m.</th> </tr> </thead> <tbody> <tr><td>PCB 77</td><td>2,0E-03</td></tr> <tr><td>PCB 81</td><td>0,1E-03</td></tr> <tr><td>PCB 126</td><td>9,0E-03</td></tr> <tr><td>PCB 169</td><td>0,5E-03</td></tr> <tr><td>PCB 105</td><td>1,0E-03</td></tr> <tr><td>PCB 114</td><td>0,8E-03</td></tr> <tr><td>PCB 118</td><td>3,5E-03</td></tr> <tr><td>PCB 123</td><td>&lt; 0,4E-03</td></tr> <tr><td>PCB 156</td><td>&lt; 0,4E-03</td></tr> <tr><td>PCB 157</td><td>&lt; 0,4E-03</td></tr> <tr><td>PCB 167</td><td>&lt; 0,4E-03</td></tr> <tr><td>PCB 189</td><td>&lt; 0,4E-03</td></tr> </tbody> </table> |                        |   |          | PCB Congener | pg WHO-PCB-TEQ/g d.m. | PCB 77 | 2,0E-03 | PCB 81 | 0,1E-03 | PCB 126 | 9,0E-03 | PCB 169 | 0,5E-03 | PCB 105 | 1,0E-03 | PCB 114 | 0,8E-03 | PCB 118 | 3,5E-03 | PCB 123 | < 0,4E-03 | PCB 156 | < 0,4E-03 | PCB 157 | < 0,4E-03 | PCB 167 | < 0,4E-03 | PCB 189 | < 0,4E-03 |
| PCB Congener  | pg WHO-PCB-TEQ/g d.m.  |   |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 77  | 2,0E-03                |   |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 81  | 0,1E-03                |   |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 126   | 9,0E-03                |   |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 169   | 0,5E-03                |   |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 105   | 1,0E-03                |   |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 114   | 0,8E-03                |   |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 118   | 3,5E-03                |   |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 123   | < 0,4E-03              |   |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 156   | < 0,4E-03              |   |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 157   | < 0,4E-03              |   |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 167   | < 0,4E-03              |   |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 189   | < 0,4E-03              |   |          |              |                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |           |         |           |         |           |         |           |         |           |

|                   |           |                |          |
|-------------------|-----------|----------------|----------|
| <b>Sample ID:</b> | 412/01-27 | <b>Matrix:</b> | 032 peas |
|                   |           | <b>Region:</b> | SCAN     |

**Mixed Sample Composition**

no. individ. samples: 6  
 individual sample ID: 032-S-D-1 to 032-S-D-4  
 032-S-F-1  
 032-S-S-1

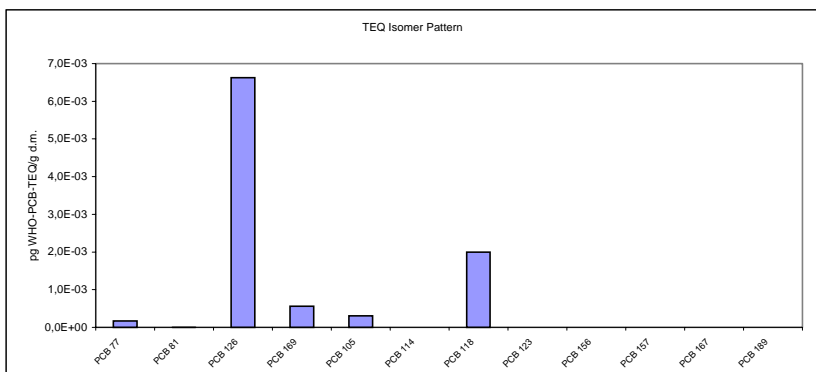
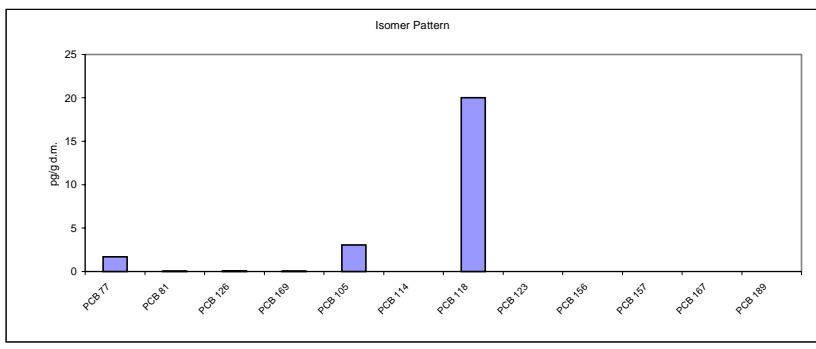
dry matter (%): 95,30

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |     |
|---------|-----------|--|-----|
| PCB 77  | 1,70      | 80   |     |
| PCB 81  | 0,06      |  |     |
| PCB 126 | 0,07      | 106  |     |
| PCB 169 | 0,06      | 107  |     |
| PCB 105 | 3,10      | 94   |     |
| PCB 114 | <         | 0,40   |     |
| PCB 118 | 20,00     | 84   |     |
| PCB 123 | <         | 0,40   |     |
| PCB 156 | <         | 0,40   | 110 |
| PCB 157 | <         | 0,40   |     |
| PCB 167 | <         | 0,40   | 86  |
| PCB 189 | <         | 0,40   | 104 |

**WHO-PCB-TEQ** **0,010**  
 (excluding LOQ)

**WHO-PCB-TEQ** **0,010**  
 (including 1/2 LOQ)

**WHO-PCB-TEQ** **0,010**  
 (including LOQ)



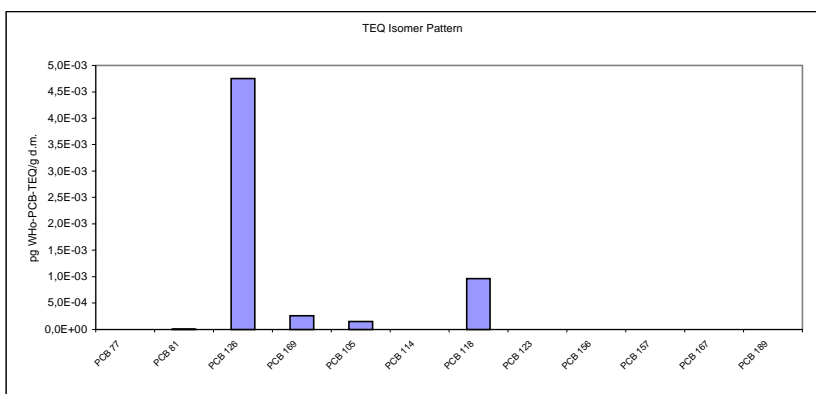
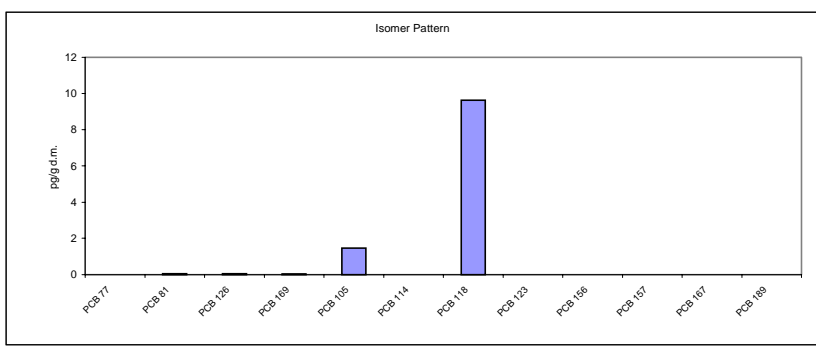
|                   |           |                |          |
|-------------------|-----------|----------------|----------|
| <b>Sample ID:</b> | 413/01-29 | <b>Matrix:</b> | 032 peas |
|                   |           | <b>Region:</b> | FRANCE   |

**Mixed Sample Composition**

no. individ. samples: 24  
 individual sample ID: 032-F-N-1 to 032-F-N-19  
 032-F-S-1 to 032-F-S-5  
 dry matter (%): 94,28

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |
|---------|-----------|--|
| PCB 77  | <         | 0,50   |
| PCB 81  |           | 0,04   |
| PCB 126 |           | 0,05   |
| PCB 169 |           | 0,03   |
| PCB 105 |           | 1,50   |
| PCB 114 | <         | 0,40   |
| PCB 118 |           | 9,60   |
| PCB 123 | <         | 0,40   |
| PCB 156 | <         | 0,50   |
| PCB 157 | <         | 0,40   |
| PCB 167 | <         | 0,40   |
| PCB 189 | <         | 0,40   |

|  |              |
|--|--------------|
| <b>WHO-PCB-TEQ (excluding LOQ)</b>     | <b>0,006</b> |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b> | <b>0,007</b> |
| <b>WHO-PCB-TEQ (including LOQ)</b>     | <b>0,007</b> |



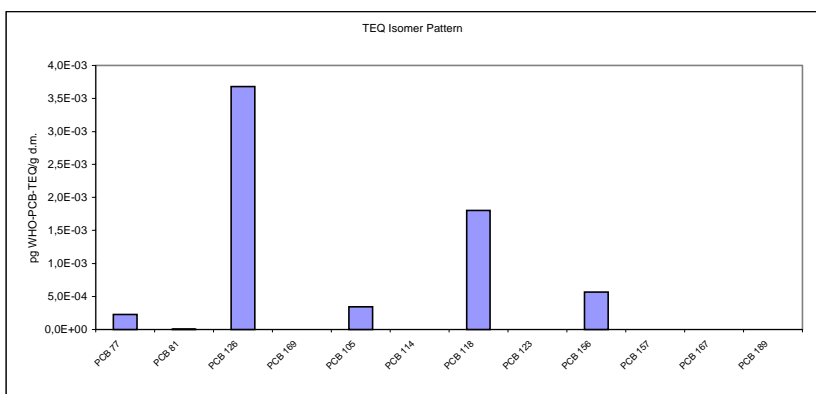
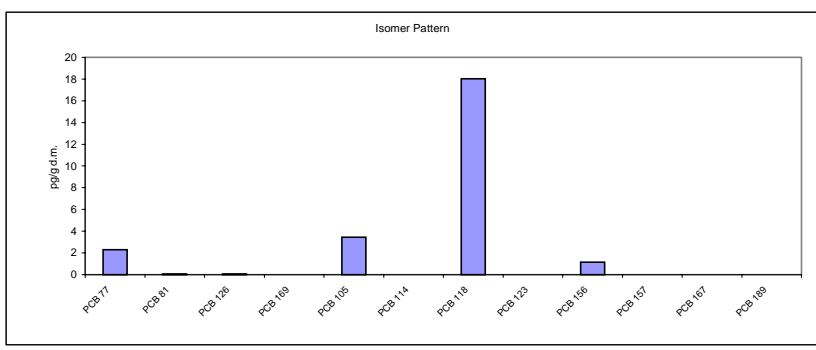
|                   |           |                |          |
|-------------------|-----------|----------------|----------|
| <b>Sample ID:</b> | 414/01-31 | <b>Matrix:</b> | 032 peas |
|                   |           | <b>Region:</b> | POSP     |

**Mixed Sample Composition**

no. individ. samples: 2  
 individual sample ID: 032-P-N-1  
 032-P-S-1  
 dry matter (%): 98,70

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |    |
|---------|-----------|--|----|
| PCB 77  | 2,30      | 90   |    |
| PCB 81  | 0,04      |  |    |
| PCB 126 | 0,04      | 112  |    |
| PCB 169 | <         | 105  |    |
| PCB 105 | 3,40      | 100  |    |
| PCB 114 | <         | 0,40   |    |
| PCB 118 | 18,00     | 90   |    |
| PCB 123 | <         | 0,40   |    |
| PCB 156 | 1,10      | 92   |    |
| PCB 157 | <         | 0,40   |    |
| PCB 167 | <         | 0,50   | 84 |
| PCB 189 | <         | 0,40   | 97 |

|  |              |
|--|--------------|
| <b>WHO-PCB-TEQ (excluding LOQ)</b>     | <b>0,007</b> |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b> | <b>0,007</b> |
| <b>WHO-PCB-TEQ (including LOQ)</b>     | <b>0,007</b> |



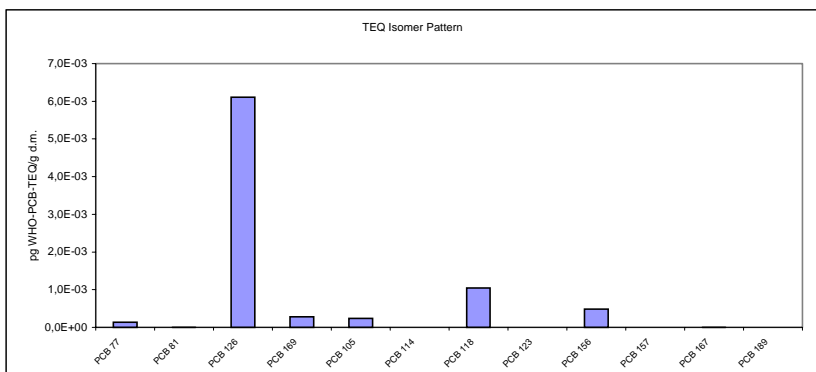
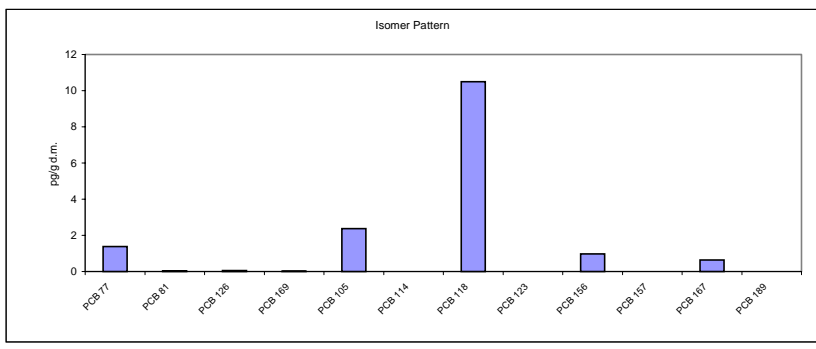
|                   |           |                |          |
|-------------------|-----------|----------------|----------|
| <b>Sample ID:</b> | 416/01-25 | <b>Matrix:</b> | 032 peas |
|                   |           | <b>Region:</b> | IRUK     |

**Mixed Sample Composition**

no. individ. samples: 3  
 individual sample ID: 032-I-I-1  
 032-I-S-1  
 032-I-S-3  
 dry matter (%): 87,00

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |    |
|---------|-----------|--|----|
| PCB 77  | 1,40      | 95   |    |
| PCB 81  | 0,04      |  |    |
| PCB 126 | 0,06      | 108  |    |
| PCB 169 | 0,03      | 108  |    |
| PCB 105 | 2,40      | 110  |    |
| PCB 114 | <         | 0,40   |    |
| PCB 118 | 10,00     | 100  |    |
| PCB 123 | <         | 0,40   |    |
| PCB 156 | 0,97      | 101  |    |
| PCB 157 | <         | 0,40   |    |
| PCB 167 | 0,63      | 91   |    |
| PCB 189 | <         | 0,40   | 98 |

**WHO-PCB-TEQ** **0,008**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,009**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,009**  
 (including LOQ)



9.5.33

Apples

|  |  |   |            |
|--|--|---|------------|
| <b>Sample ID:</b>                          | 410/01-30  | <b>Matrix:</b>  | 033 apples |
|  |  | <b>Region:</b>  | AUGE       |
| <b>Mixed Sample Composition</b>            |  |   |            |
| no. individ. samples:                      | 13   |   |            |
| individual sample ID:                      | 033-A-A-1 to 033-A-A-2<br>033-A-N-1 to 033-A-N-5<br>033-A-S-1 to 033-A-S-5 |   |            |
| dry matter (%):                            | 15,70  |   |            |
| <b>Results</b>                             | <b>pg/g<br/>d.m.</b>   | <b>Recovery rate<br/><sup>13</sup>C<sub>12</sub> standard</b> |            |
| PCB 77                                     | 3,80   | 103   |            |
| PCB 81                                     | 0,11   |   |            |
| PCB 126                                    | 0,17   | 107   |            |
| PCB 169                                    | <  | 108   |            |
| PCB 105                                    | 8,70   | 109   |            |
| PCB 114                                    | <  |   |            |
| PCB 118                                    | 48,00  | 106   |            |
| PCB 123                                    | 1,00   |   |            |
| PCB 156                                    | 2,00   | 94  |            |
| PCB 157                                    | <  | 0,30  |            |
| PCB 167                                    | 2,60   | 94  |            |
| PCB 189                                    | <  | 0,30  |            |
| <b>WHO-PCB-TEQ<br/>(excluding LOQ)</b>     | <b>0,02</b>  |   |            |
| <b>WHO-PCB-TEQ<br/>(including 1/2 LOQ)</b> | <b>0,02</b>  |   |            |
| <b>WHO-PCB-TEQ<br/>(including LOQ)</b>     | <b>0,02</b>  |   |            |
|  |  |   |            |
|  |  |   |            |

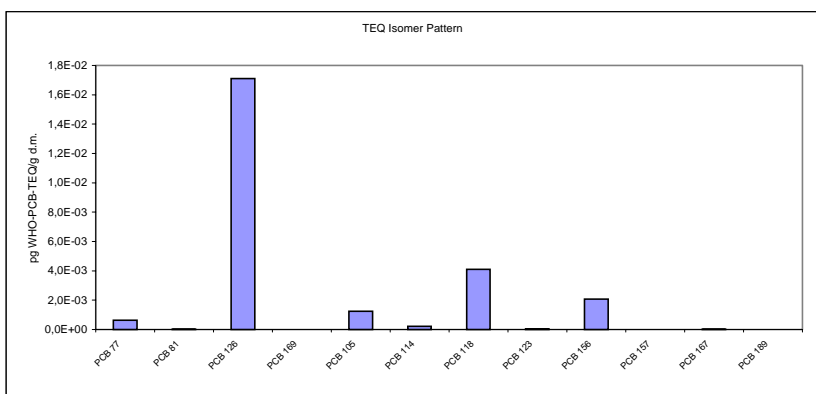
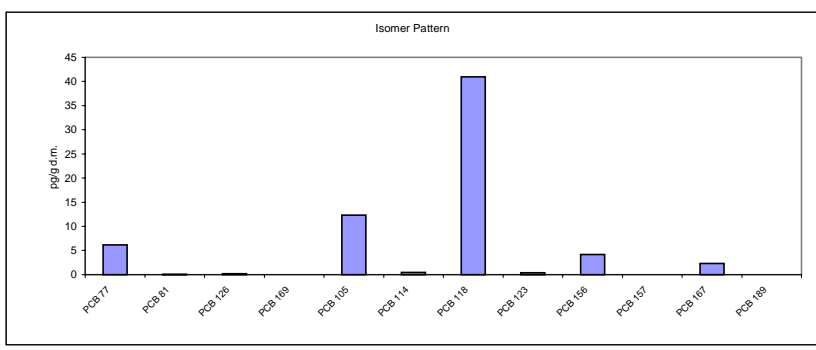
|                   |           |                |            |
|-------------------|-----------|----------------|------------|
| <b>Sample ID:</b> | 411/01-24 | <b>Matrix:</b> | 033 apples |
|                   |           | <b>Region:</b> | BENE       |

**Mixed Sample Composition**

no. individ. samples: 5  
 individual sample ID: 033-B-B-1 to 033-B-B-2  
 033-B-N-1 to 033-B-N-3  
 dry matter (%): 14,33

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |     |
|---------|-----------|--|-----|
| PCB 77  | 6,2       | 97   |     |
| PCB 81  | 0,1       |  |     |
| PCB 126 | 0,2       | 111  |     |
| PCB 169 | <         | 109  |     |
| PCB 105 | 12        | 103  |     |
| PCB 114 | 0,4       |  |     |
| PCB 118 | 41        | 105  |     |
| PCB 123 | 0,3       |  |     |
| PCB 156 | 4,1       | 99   |     |
| PCB 157 | <         | 0,3  |     |
| PCB 167 | 2,3       | 90   |     |
| PCB 189 | <         | 0,3  | 104 |

|  |             |
|--|-------------|
| <b>WHO-PCB-TEQ (excluding LOQ)</b>     | <b>0,03</b> |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b> | <b>0,03</b> |
| <b>WHO-PCB-TEQ (including LOQ)</b>     | <b>0,03</b> |



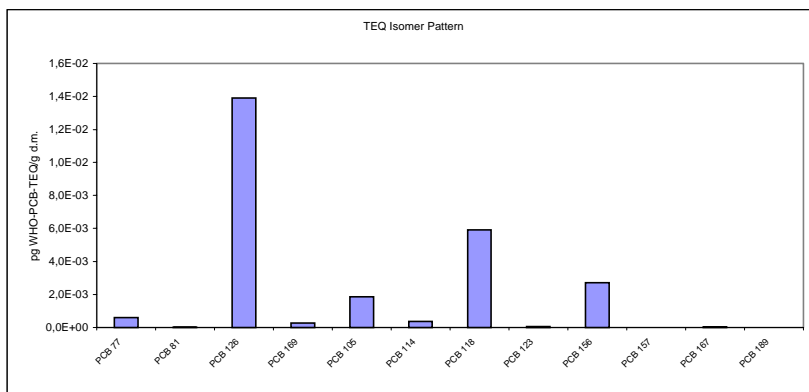
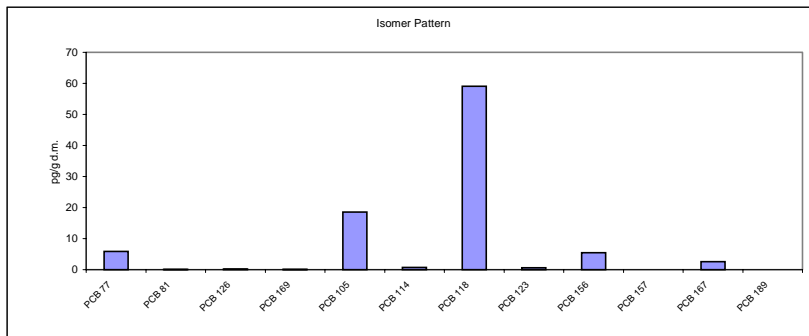
|                   |           |                |            |
|-------------------|-----------|----------------|------------|
| <b>Sample ID:</b> | 412/01-28 | <b>Matrix:</b> | 033 apples |
|                   |           | <b>Region:</b> | SCAN       |

**Mixed Sample Composition**

no. individ. samples: 2  
 individual sample ID: 033-S-D-1  
 033-S-S-1  
 dry matter (%): 14,21

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |     |
|---------|-----------|--|-----|
| PCB 77  | 5,90      | 97   |     |
| PCB 81  | 0,07      |  |     |
| PCB 126 | 0,14      | 104  |     |
| PCB 169 | 0,03      | 106  |     |
| PCB 105 | 18,00     | 96   |     |
| PCB 114 | 0,72      |  |     |
| PCB 118 | 59,00     | 101  |     |
| PCB 123 | 0,52      |  |     |
| PCB 156 | 5,40      | 93   |     |
| PCB 157 | <         | 0,30   |     |
| PCB 167 | 2,50      | 92   |     |
| PCB 189 | <         | 0,30   | 108 |

**WHO-PCB-TEQ (excluding LOQ)**                   **0,03**  
**WHO-PCB-TEQ (including 1/2 LOQ)**                   **0,03**  
**WHO-PCB-TEQ (including LOQ)**                   **0,03**



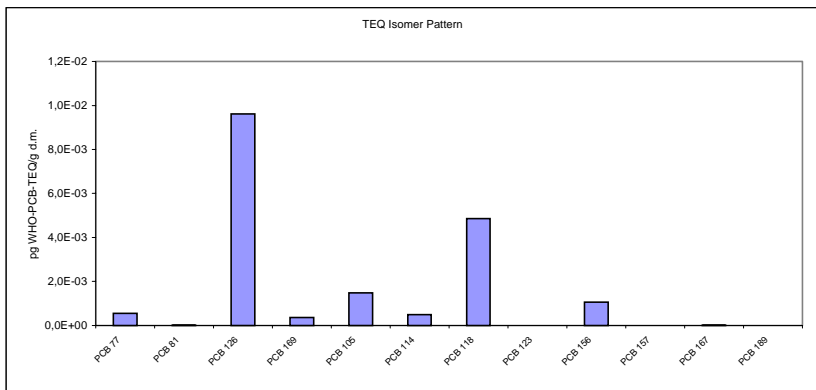
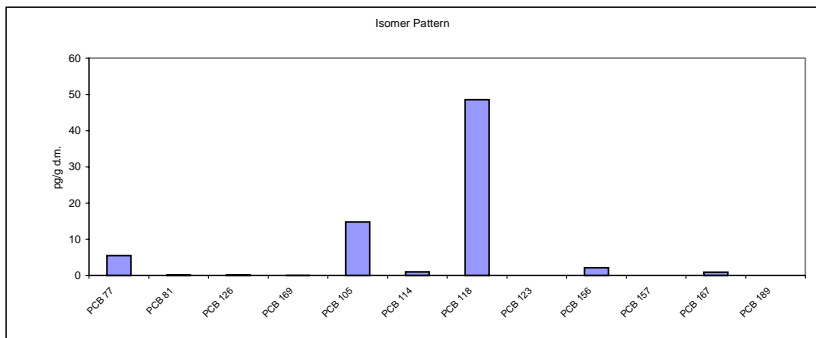
|                   |           |                |            |
|-------------------|-----------|----------------|------------|
| <b>Sample ID:</b> | 413/01-30 | <b>Matrix:</b> | 033 apples |
|                   |           | <b>Region:</b> | FRANCE     |

**Mixed Sample Composition**

no. individ. samples: 11  
 individual sample ID: 033-F-N-1 to 033-F-N-4  
 033-F-S-1 to 033-F-S-7  
 dry matter (%): 14,53

| Results | pg/g<br>d.m. | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |     |
|---------|--------------|---|-----|
| PCB 77  | 5,50         | 96  |     |
| PCB 81  | 0,07         |   |     |
| PCB 126 | 0,10         | 113   |     |
| PCB 169 | 0,03         | 108   |     |
| PCB 105 | 15           | 114   |     |
| PCB 114 | 0,97         |   |     |
| PCB 118 | 49           | 104   |     |
| PCB 123 | <            | 0,33  |     |
| PCB 156 | 2,10         | 103   |     |
| PCB 157 | <            | 0,34  |     |
| PCB 167 | 0,90         | 91  |     |
| PCB 189 | <            | 0,30  | 108 |

**WHO-PCB-TEQ** **0,02**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,02**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,02**  
 (including LOQ)



|                   |           |                |            |
|-------------------|-----------|----------------|------------|
| <b>Sample ID:</b> | 414/01-32 | <b>Matrix:</b> | 033 apples |
|                   |           | <b>Region:</b> | POSP       |

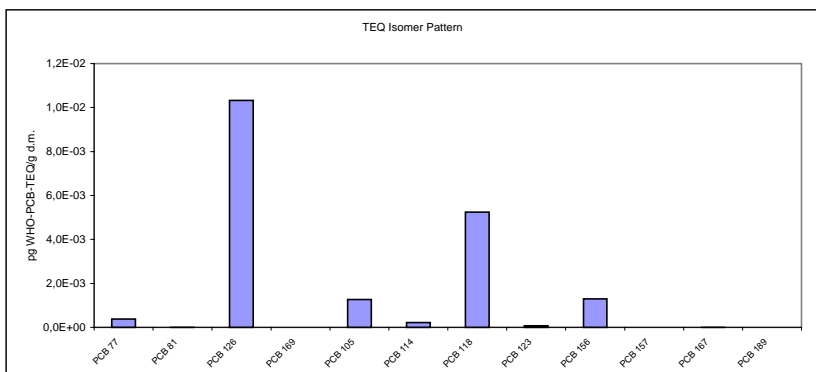
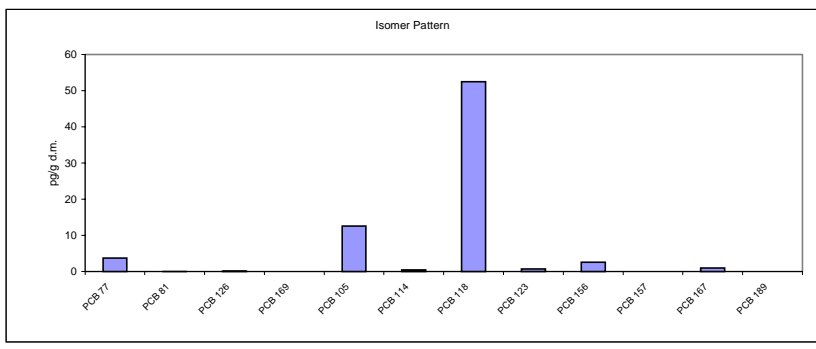
**Mixed Sample Composition**

no. individ. samples: 5  
 individual sample ID: 033-P-P-1  
 033-P-N-1  
 033-P-S-1 to 033-P-S-3

dry matter (%): 15,86

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |     |
|---------|-----------|--|-----|
| PCB 77  | 3,8       | 98   |     |
| PCB 81  | 0,1       |  |     |
| PCB 126 | 0,1       | 94   |     |
| PCB 169 | <         | 104  |     |
| PCB 105 | 13        | 75   |     |
| PCB 114 | 0,5       |  |     |
| PCB 118 | 52        | 97   |     |
| PCB 123 | 0,7       |  |     |
| PCB 156 | 2,6       | 93   |     |
| PCB 157 | <         | 0,3  |     |
| PCB 167 | 1,0       | 97   |     |
| PCB 189 | <         | 0,3  | 106 |

**WHO-PCB-TEQ** **0,02**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,02**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,02**  
 (including LOQ)



|                   |           |                |            |
|-------------------|-----------|----------------|------------|
| <b>Sample ID:</b> | 415/01-28 | <b>Matrix:</b> | 033 apples |
|                   |           | <b>Region:</b> | GRIT       |

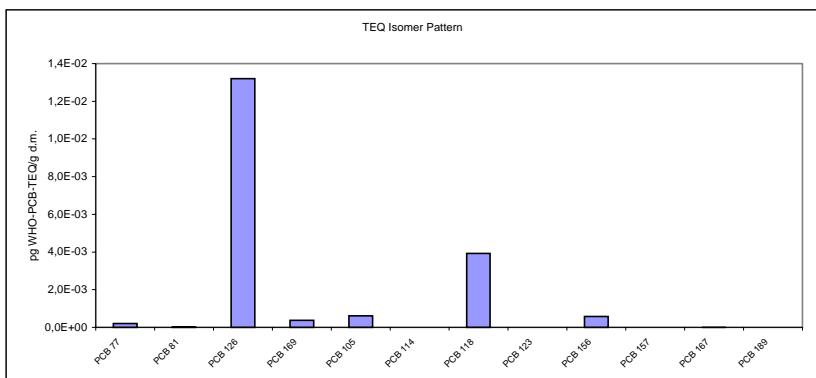
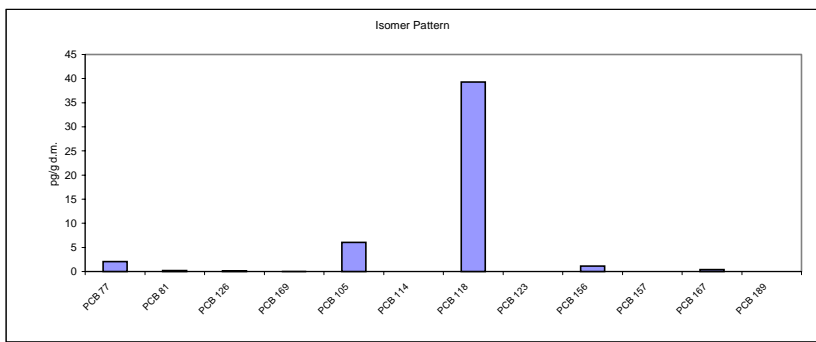
**Mixed Sample Composition**

no. individ. samples: 12  
 individual sample ID: 033-G-G-1 to 033-G-G-2  
 033-G-N-1 to 033-G-N-4  
 033-G-S-1 to 033-G-S-6

dry matter (%): 15,62

| Results | pg/g<br>d.m. | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|--------------|---|
| PCB 77  | 2,1          | 92  |
| PCB 81  | 0,3          |   |
| PCB 126 | 0,1          | 100   |
| PCB 169 | 0,0          | 105   |
| PCB 105 | 6,1          | 73  |
| PCB 114 | <            | 0,3   |
| PCB 118 |              | 39  |
| PCB 123 | <            | 0,3   |
| PCB 156 |              | 1,2   |
| PCB 157 | <            | 0,3   |
| PCB 167 |              | 0,4   |
| PCB 189 | <            | 0,3   |

**WHO-PCB-TEQ** **0,02**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,02**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,02**  
 (including LOQ)



|                   |           |                |            |
|-------------------|-----------|----------------|------------|
| <b>Sample ID:</b> | 416/01-26 | <b>Matrix:</b> | 033 apples |
|                   |           | <b>Region:</b> | IRUK       |

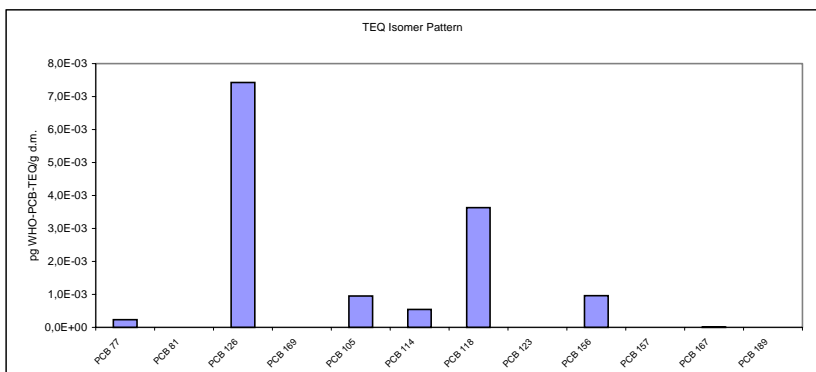
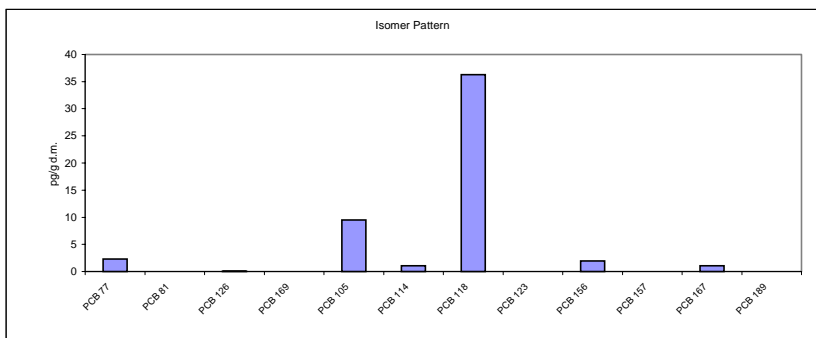
**Mixed Sample Composition**

no. individ. samples: 3  
 individual sample ID: 033-I-I-1  
 033-I-N-1  
 033-I-S-1

dry matter (%) 16,14

| Results | pg/g<br>d.m. | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|--------------|---|
| PCB 77  | 2,30         | 110   |
| PCB 81  | <            | 0,02  |
| PCB 126 | 0,07         | 116   |
| PCB 169 | <            | 0,02  |
| PCB 105 | 9,50         | 89  |
| PCB 114 | 1,10         |   |
| PCB 118 | 36,00        | 93  |
| PCB 123 | <            | 0,30  |
| PCB 156 | 1,90         | 93  |
| PCB 157 | <            | 0,30  |
| PCB 167 | 1,00         | 116   |
| PCB 189 | <            | 0,30  |

**WHO-PCB-TEQ** **0,01**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,01**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,01**  
 (including LOQ)



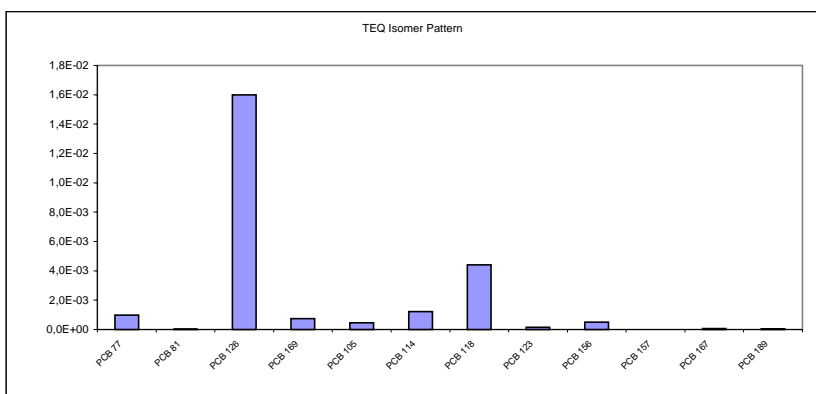
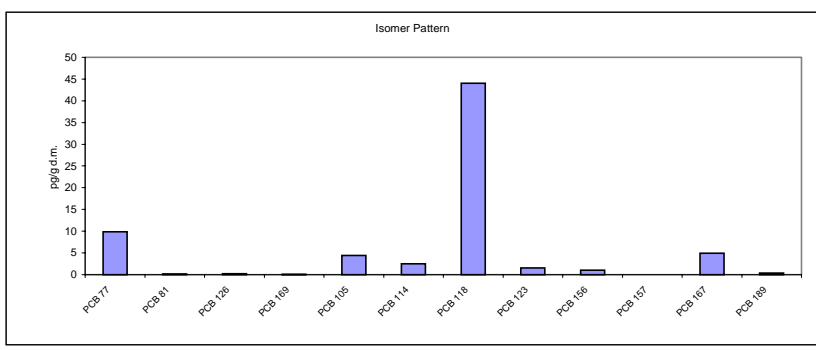
|                   |           |                |            |
|-------------------|-----------|----------------|------------|
| <b>Sample ID:</b> | 417/01-15 | <b>Matrix:</b> | 033 apples |
|                   |           | <b>Region:</b> | IMPORT     |

**Mixed Sample Composition**

no. individ. samples: 4  
 individual sample ID: 033-I-MM-1  
 033-I-OTH-1 to 033-I-OTH-3  
 dry matter (%): 15,44

| Results | pg/g<br>d.m. | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|--------------|---|
| PCB 77  | 9,80         | 98  |
| PCB 81  | 0,11         |   |
| PCB 126 | 0,16         | 102   |
| PCB 169 | 0,07         | 105   |
| PCB 105 | 4,40         | 113   |
| PCB 114 | 2,40         |   |
| PCB 118 | 44,00        | 100   |
| PCB 123 | 1,50         |   |
| PCB 156 | 1,00         | 100   |
| PCB 157 | < 0,30       |   |
| PCB 167 | 4,90         | 92  |
| PCB 189 | < 0,30       | 106   |

|  |              |
|--|--------------|
| <b>WHO-PCB-TEQ<br/>(excluding LOQ)</b>     | <b>0,030</b> |
| <b>WHO-PCB-TEQ<br/>(including 1/2 LOQ)</b> | <b>0,030</b> |
| <b>WHO-PCB-TEQ<br/>(including LOQ)</b>     | <b>0,030</b> |



9.5.34

Oranges

|  |   |   |             |
|--|---|---|-------------|
| <b>Sample ID:</b>                          | 414/01-33   | <b>Matrix:</b>  | 034 oranges |
|  |   | <b>Region:</b>  | POSP        |
| <b>Mixed Sample Composition</b>            |   |   |             |
| no. individ. samples:                      | 26  |   |             |
| individual sample ID:                      | 034-P-P-1 to 034-P-P-2<br>034-P-N-1 to 034-P-N-4<br>034-P-S-1 to 034-P-S-20 |   |             |
| dry matter (%):                            | 14,7  |   |             |
| <b>Results</b>                             | <b>pg/g<br/>d.m.</b>  | <b>Recovery rate<br/><sup>13</sup>C<sub>12</sub> standard</b> |             |
| PCB 77                                     | 13,00   | 89  |             |
| PCB 81                                     | 0,21  |   |             |
| PCB 126                                    | 0,16  | 109   |             |
| PCB 169                                    | 0,06  | 107   |             |
| PCB 105                                    | 8,70  | 96  |             |
| PCB 114                                    | 0,79  |   |             |
| PCB 118                                    | 33,00   | 96  |             |
| PCB 123                                    | 0,88  |   |             |
| PCB 156                                    | 1,90  | 94  |             |
| PCB 157                                    | <   | 0,40  |             |
| PCB 167                                    | 1,20  | 72  |             |
| PCB 189                                    | <   | 0,40  |             |
| <b>WHO-PCB-TEQ<br/>(excluding LOQ)</b>     | <b>0,024</b>  |   |             |
| <b>WHO-PCB-TEQ<br/>(including 1/2 LOQ)</b> | <b>0,024</b>  |   |             |
| <b>WHO-PCB-TEQ<br/>(including LOQ)</b>     | <b>0,024</b>  |   |             |
| <p>Isomer Pattern</p>                      |   |   |             |
| <p>TEQ Isomer Pattern</p>                  |   |   |             |

|                   |           |                |             |
|-------------------|-----------|----------------|-------------|
| <b>Sample ID:</b> | 415/01-29 | <b>Matrix:</b> | 034 oranges |
|                   |           | <b>Region:</b> | GRIT        |

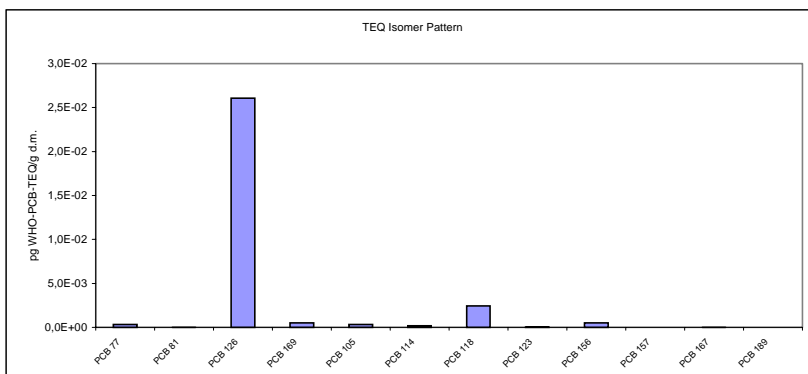
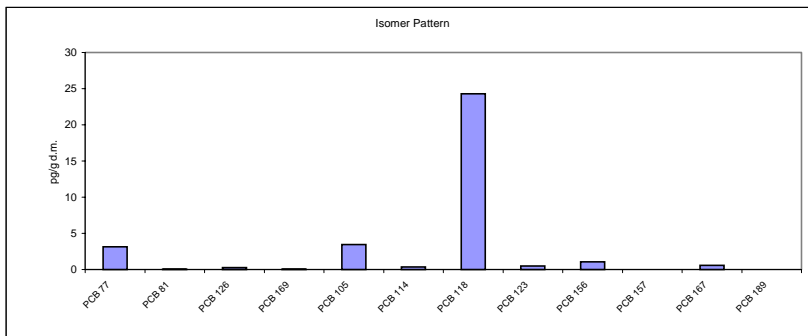
**Mixed Sample Composition**

no. individ. samples: 17  
 individual sample ID: 034-G-G-1 to 034-G-G-4  
 034-G-N-1 to 034-G-N-3  
 034-G-S-1 to 034-G-S-11

dry matter (%): 13,95

| Results | pg/g<br>d.m. | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |     |
|---------|--------------|---|-----|
| PCB 77  | 3,10         | 96  |     |
| PCB 81  | 0,06         |   |     |
| PCB 126 | 0,26         | 103   |     |
| PCB 169 | 0,05         | 119   |     |
| PCB 105 | 3,50         | 115   |     |
| PCB 114 | 0,34         |   |     |
| PCB 118 | 24,00        | 111   |     |
| PCB 123 | 0,50         |   |     |
| PCB 156 | 1,10         | 102   |     |
| PCB 157 | <            | 0,30  |     |
| PCB 167 | 0,59         | 66  |     |
| PCB 189 | <            | 0,30  | 100 |

**WHO-PCB-TEQ** **0,030**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,031**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,031**  
 (including LOQ)



|                   |           |                |             |
|-------------------|-----------|----------------|-------------|
| <b>Sample ID:</b> | 417/01-16 | <b>Matrix:</b> | 034 oranges |
|                   |           | <b>Region:</b> | IMPORT      |

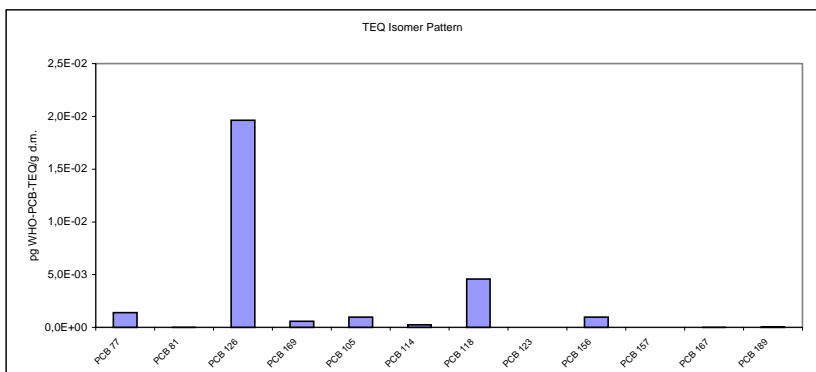
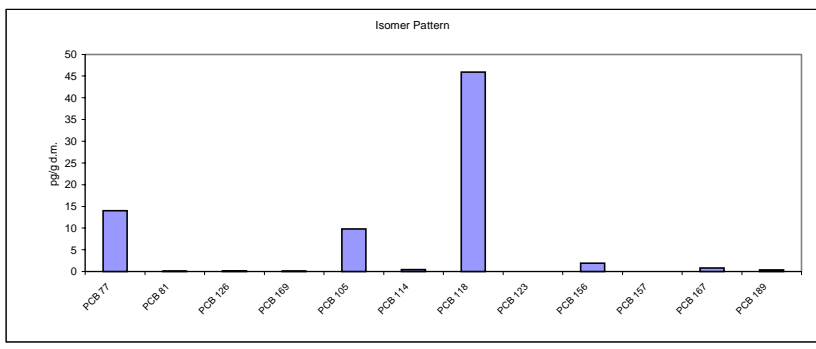
**Mixed Sample Composition**

no. individ. samples: 6  
 individual sample ID: 034-I-ACP-1, 034-I-MM-1  
 034-I-NAPHTA-1  
 034-I-OTH-1 to 034 I-OTH-3

dry matter (%): 13,47

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |
|---------|-----------|--|
| PCB 77  | 14,00     | 99   |
| PCB 81  | 0,12      |  |
| PCB 126 | 0,20      | 106  |
| PCB 169 | 0,06      | 109  |
| PCB 105 | 9,80      | 100  |
| PCB 114 | 0,48      |  |
| PCB 118 | 46,00     | 101  |
| PCB 123 | <         | 0,40   |
| PCB 156 | 2,00      | 101  |
| PCB 157 | <         | 0,40   |
| PCB 167 | 0,85      | 75   |
| PCB 189 | <         | 0,40   |

**WHO-PCB-TEQ** **0,028**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,029**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,029**  
 (including LOQ)



9.5.35

Grapes

| <b>Sample ID:</b>   | 410/01-31                           | <b>Matrix:</b>  | 035 grapes |              |                                     |        |        |        |        |         |         |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |
|---|-------------------------------------|---|------------|--------------|-------------------------------------|--------|--------|--------|--------|---------|---------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|
|   |                                     | <b>Region:</b>  | AUGE       |              |                                     |        |        |        |        |         |         |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |
| <b>Mixed Sample Composition</b>   |                                     |   |            |              |                                     |        |        |        |        |         |         |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |
| no. individ. samples:   | 4                                   |   |            |              |                                     |        |        |        |        |         |         |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |
| individual sample ID:   | 035-A-A-1<br>035-A-S-1 to 035-A-S-3 |   |            |              |                                     |        |        |        |        |         |         |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |
| dry matter (%):   | 16,54                               |   |            |              |                                     |        |        |        |        |         |         |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |
| <b>Results</b>  | <b>pg/g d.m.</b>                    | <b>Recovery rate <sup>13</sup>C<sub>12</sub> standard</b> |            |              |                                     |        |        |        |        |         |         |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |
| PCB 77  | 11,00                               | 86  |            |              |                                     |        |        |        |        |         |         |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |
| PCB 81  | 0,14                                |   |            |              |                                     |        |        |        |        |         |         |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |
| PCB 126   | 0,36                                | 98  |            |              |                                     |        |        |        |        |         |         |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |
| PCB 169   | 0,03                                | 92  |            |              |                                     |        |        |        |        |         |         |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |
| PCB 105   | 15,00                               | 53  |            |              |                                     |        |        |        |        |         |         |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |
| PCB 114   | 0,56                                |   |            |              |                                     |        |        |        |        |         |         |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |
| PCB 118   | 87,00                               | 78  |            |              |                                     |        |        |        |        |         |         |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |
| PCB 123   | 1,50                                |   |            |              |                                     |        |        |        |        |         |         |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |
| PCB 156   | 6,20                                | 90  |            |              |                                     |        |        |        |        |         |         |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |
| PCB 157   | < 0,40                              | <   |            |              |                                     |        |        |        |        |         |         |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |
| PCB 167   | 3,60                                | 98  |            |              |                                     |        |        |        |        |         |         |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |
| PCB 189   | < 0,40                              | < 98  |            |              |                                     |        |        |        |        |         |         |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |
| <b>WHO-PCB-TEQ (excluding LOQ)</b>  | <b>0,052</b>                        |   |            |              |                                     |        |        |        |        |         |         |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b>  | <b>0,052</b>                        |   |            |              |                                     |        |        |        |        |         |         |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |
| <b>WHO-PCB-TEQ (including LOQ)</b>  | <b>0,052</b>                        |   |            |              |                                     |        |        |        |        |         |         |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |
| <p>Isomer Pattern</p> <table border="1"> <caption>Data for Isomer Pattern</caption> <thead> <tr> <th>PCB Congener</th> <th>Concentration (pg/g d.m.)</th> </tr> </thead> <tbody> <tr><td>PCB 77</td><td>11,00</td></tr> <tr><td>PCB 81</td><td>0,14</td></tr> <tr><td>PCB 126</td><td>0,36</td></tr> <tr><td>PCB 169</td><td>0,03</td></tr> <tr><td>PCB 105</td><td>15,00</td></tr> <tr><td>PCB 114</td><td>0,56</td></tr> <tr><td>PCB 118</td><td>87,00</td></tr> <tr><td>PCB 123</td><td>1,50</td></tr> <tr><td>PCB 156</td><td>6,20</td></tr> <tr><td>PCB 157</td><td>&lt; 0,40</td></tr> <tr><td>PCB 167</td><td>3,60</td></tr> <tr><td>PCB 189</td><td>&lt; 0,40</td></tr> </tbody> </table>                               |                                     |   |            | PCB Congener | Concentration (pg/g d.m.)           | PCB 77 | 11,00  | PCB 81 | 0,14   | PCB 126 | 0,36    | PCB 169 | 0,03   | PCB 105 | 15,00  | PCB 114 | 0,56   | PCB 118 | 87,00  | PCB 123 | 1,50   | PCB 156 | 6,20   | PCB 157 | < 0,40 | PCB 167 | 3,60   | PCB 189 | < 0,40 |
| PCB Congener  | Concentration (pg/g d.m.)           |   |            |              |                                     |        |        |        |        |         |         |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |
| PCB 77  | 11,00                               |   |            |              |                                     |        |        |        |        |         |         |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |
| PCB 81  | 0,14                                |   |            |              |                                     |        |        |        |        |         |         |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |
| PCB 126   | 0,36                                |   |            |              |                                     |        |        |        |        |         |         |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |
| PCB 169   | 0,03                                |   |            |              |                                     |        |        |        |        |         |         |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |
| PCB 105   | 15,00                               |   |            |              |                                     |        |        |        |        |         |         |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |
| PCB 114   | 0,56                                |   |            |              |                                     |        |        |        |        |         |         |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |
| PCB 118   | 87,00                               |   |            |              |                                     |        |        |        |        |         |         |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |
| PCB 123   | 1,50                                |   |            |              |                                     |        |        |        |        |         |         |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |
| PCB 156   | 6,20                                |   |            |              |                                     |        |        |        |        |         |         |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |
| PCB 157   | < 0,40                              |   |            |              |                                     |        |        |        |        |         |         |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |
| PCB 167   | 3,60                                |   |            |              |                                     |        |        |        |        |         |         |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |
| PCB 189   | < 0,40                              |   |            |              |                                     |        |        |        |        |         |         |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |
| <p>TEQ Isomer Pattern</p> <table border="1"> <caption>Data for TEQ Isomer Pattern</caption> <thead> <tr> <th>PCB Congener</th> <th>WHO-PCB-TEQ (pg WHO-PCB-TEQ/g d.m.)</th> </tr> </thead> <tbody> <tr><td>PCB 77</td><td>~0,001</td></tr> <tr><td>PCB 81</td><td>~0,000</td></tr> <tr><td>PCB 126</td><td>3,6E-02</td></tr> <tr><td>PCB 169</td><td>~0,000</td></tr> <tr><td>PCB 105</td><td>~0,001</td></tr> <tr><td>PCB 114</td><td>~0,000</td></tr> <tr><td>PCB 118</td><td>~0,008</td></tr> <tr><td>PCB 123</td><td>~0,000</td></tr> <tr><td>PCB 156</td><td>~0,003</td></tr> <tr><td>PCB 157</td><td>~0,000</td></tr> <tr><td>PCB 167</td><td>~0,000</td></tr> <tr><td>PCB 189</td><td>~0,000</td></tr> </tbody> </table> |                                     |   |            | PCB Congener | WHO-PCB-TEQ (pg WHO-PCB-TEQ/g d.m.) | PCB 77 | ~0,001 | PCB 81 | ~0,000 | PCB 126 | 3,6E-02 | PCB 169 | ~0,000 | PCB 105 | ~0,001 | PCB 114 | ~0,000 | PCB 118 | ~0,008 | PCB 123 | ~0,000 | PCB 156 | ~0,003 | PCB 157 | ~0,000 | PCB 167 | ~0,000 | PCB 189 | ~0,000 |
| PCB Congener  | WHO-PCB-TEQ (pg WHO-PCB-TEQ/g d.m.) |   |            |              |                                     |        |        |        |        |         |         |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |
| PCB 77  | ~0,001                              |   |            |              |                                     |        |        |        |        |         |         |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |
| PCB 81  | ~0,000                              |   |            |              |                                     |        |        |        |        |         |         |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |
| PCB 126   | 3,6E-02                             |   |            |              |                                     |        |        |        |        |         |         |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |
| PCB 169   | ~0,000                              |   |            |              |                                     |        |        |        |        |         |         |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |
| PCB 105   | ~0,001                              |   |            |              |                                     |        |        |        |        |         |         |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |
| PCB 114   | ~0,000                              |   |            |              |                                     |        |        |        |        |         |         |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |
| PCB 118   | ~0,008                              |   |            |              |                                     |        |        |        |        |         |         |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |
| PCB 123   | ~0,000                              |   |            |              |                                     |        |        |        |        |         |         |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |
| PCB 156   | ~0,003                              |   |            |              |                                     |        |        |        |        |         |         |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |
| PCB 157   | ~0,000                              |   |            |              |                                     |        |        |        |        |         |         |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |
| PCB 167   | ~0,000                              |   |            |              |                                     |        |        |        |        |         |         |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |
| PCB 189   | ~0,000                              |   |            |              |                                     |        |        |        |        |         |         |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |         |        |

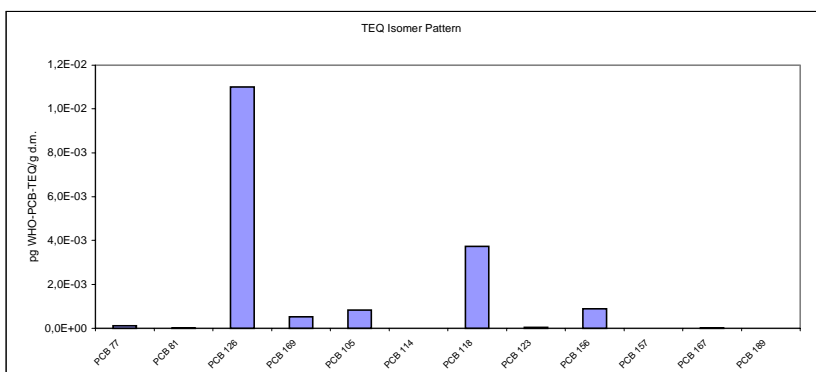
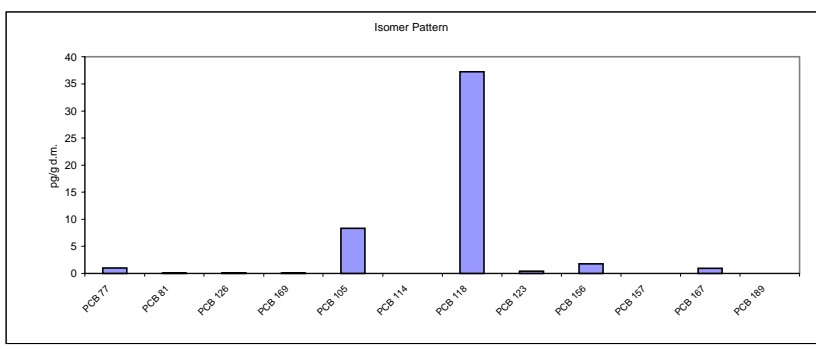
|                   |           |                |            |
|-------------------|-----------|----------------|------------|
| <b>Sample ID:</b> | 413/01-31 | <b>Matrix:</b> | 035 grapes |
|                   |           | <b>Region:</b> | FRANCE     |

**Mixed Sample Composition**

no. individ. samples: 13  
 individual sample ID: 035-F-N-1  
 035-F-N-3 to 035-F-N-5  
 035-F-S-1 to 035-F-S-9  
 dry matter (%): 21,49

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |
|---------|-----------|--|
| PCB 77  | 1,00      | 90   |
| PCB 81  | 0,09      |  |
| PCB 126 | 0,11      | 97   |
| PCB 169 | 0,05      | 93   |
| PCB 105 | 8,30      | 80   |
| PCB 114 | < 0,40    |  |
| PCB 118 | 37,00     | 80   |
| PCB 123 | 0,40      |  |
| PCB 156 | 1,80      | 95   |
| PCB 157 | < 0,40    |  |
| PCB 167 | 0,94      | 99   |
| PCB 189 | < 0,40    | 98   |

|  |              |
|--|--------------|
| <b>WHO-PCB-TEQ (excluding LOQ)</b>     | <b>0,017</b> |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b> | <b>0,017</b> |
| <b>WHO-PCB-TEQ (including LOQ)</b>     | <b>0,018</b> |



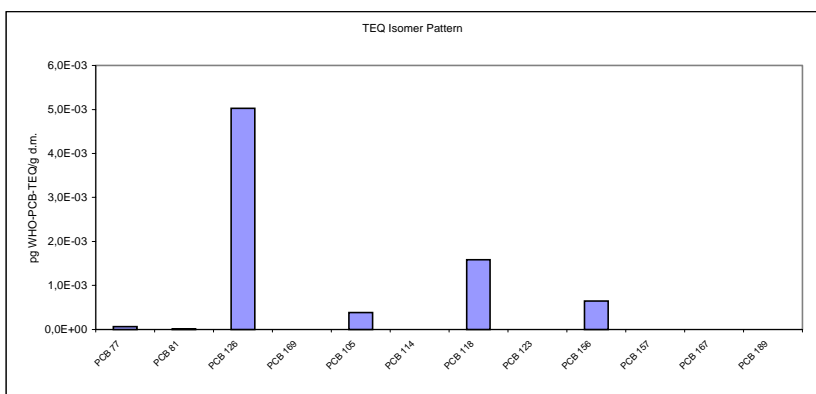
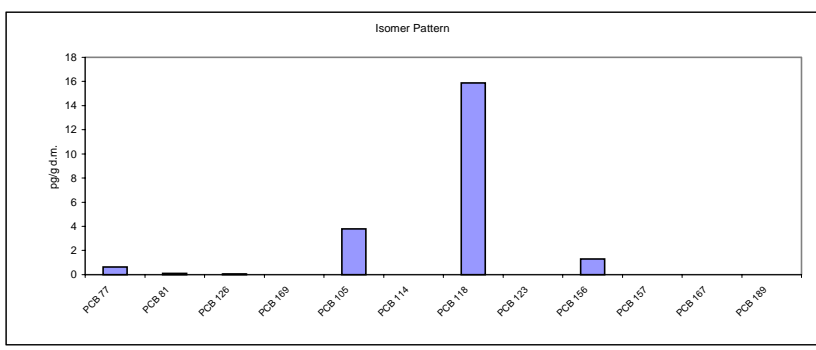
|                   |           |                |            |
|-------------------|-----------|----------------|------------|
| <b>Sample ID:</b> | 414/01-34 | <b>Matrix:</b> | 035 grapes |
|                   |           | <b>Region:</b> | POSP       |

**Mixed Sample Composition**

no. individ. samples: 9  
 individual sample ID: 035-P-N-1  
 035-P-S-1 to 035-P-S-8  
 dry matter (%): 23,85

| Results | pg/g<br>d.m. | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|--------------|---|
| PCB 77  | 0,63         | 116   |
| PCB 81  | 0,10         |   |
| PCB 126 | 0,05         | 95  |
| PCB 169 | <            | 99  |
| PCB 105 | 3,80         | 100   |
| PCB 114 | <            | 0,40  |
| PCB 118 | 16,00        | 95  |
| PCB 123 | <            | 0,40  |
| PCB 156 | 1,30         | 101   |
| PCB 157 | <            | 0,40  |
| PCB 167 | <            | 0,40  |
| PCB 189 | <            | 0,40  |

|  |              |
|--|--------------|
| <b>WHO-PCB-TEQ<br/>(excluding LOQ)</b>     | <b>0,008</b> |
| <b>WHO-PCB-TEQ<br/>(including 1/2 LOQ)</b> | <b>0,008</b> |
| <b>WHO-PCB-TEQ<br/>(including LOQ)</b>     | <b>0,008</b> |



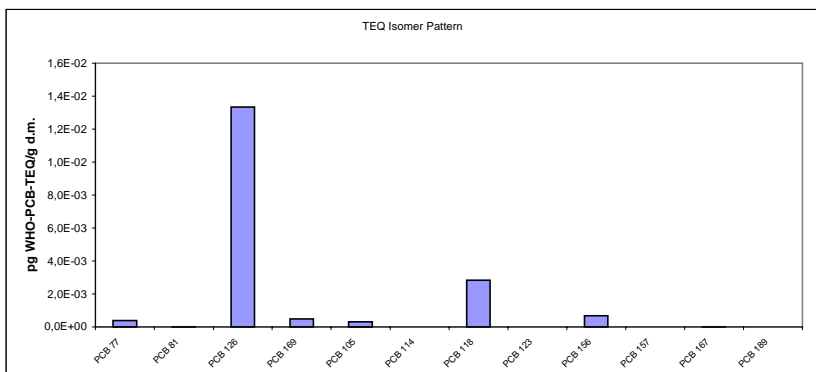
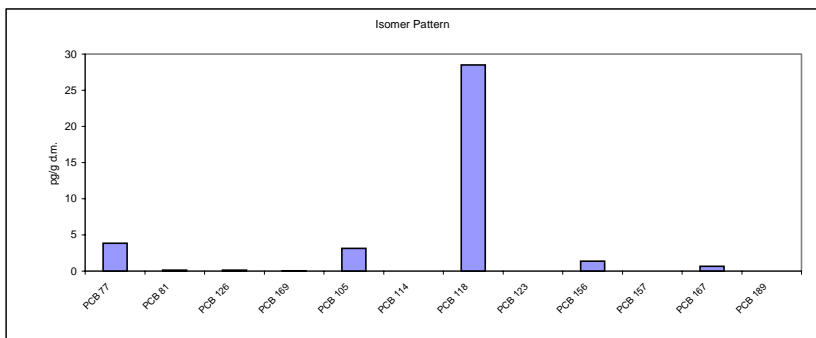
|                   |           |                |            |
|-------------------|-----------|----------------|------------|
| <b>Sample ID:</b> | 415/01-30 | <b>Matrix:</b> | 035 grapes |
|                   |           | <b>Region:</b> | GRIT       |

**Mixed Sample Composition**

no. individ. samples: 20  
 individual sample ID: 035-G-G-1 to 035-G-G-2  
 035-G-N-1 to 035-G-N-9  
 035-G-S-1 to 035-G-S-9  
 dry matter (%): 16,69

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |
|---------|-----------|--|
| PCB 77  | 3,90      | 91   |
| PCB 81  | 0,14      |  |
| PCB 126 | 0,13      | 105  |
| PCB 169 | 0,05      | 94   |
| PCB 105 | 3,20      | 59   |
| PCB 114 | < 0,40    |  |
| PCB 118 | 28,00     | 93   |
| PCB 123 | < 0,40    |  |
| PCB 156 | 1,40      | 95   |
| PCB 157 | < 0,40    |  |
| PCB 167 | 0,66      | 99   |
| PCB 189 | < 0,40    | 93   |

|  |              |
|--|--------------|
| <b>WHO-PCB-TEQ (excluding LOQ)</b>     | <b>0,018</b> |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b> | <b>0,018</b> |
| <b>WHO-PCB-TEQ (including LOQ)</b>     | <b>0,019</b> |



9.5.36

Treenuts

| Sample ID:  | 410/01-32                           | Matrix:   | 036 treenuts |
|---|-------------------------------------|---|--------------|
| Region:   | AUGE                                |   |              |
| <b>Mixed Sample Composition</b>                       |                                     |   |              |
| no. individ. samples:                                 | 3                                   |   |              |
| individual sample ID:                                 | 036-A-A-1 to 036-A-A-2<br>036-A-S-1 |   |              |
| fat content (%):                                      | 64,67                               |   |              |
| <b>Results</b>  | <b>pg/g fat</b>                     | <b>Recovery rate<br/><sup>13</sup>C<sub>12</sub> standard</b> |              |
| PCB 77  | 29                                  | 69  |              |
| PCB 81  | 0,4                                 |   |              |
| PCB 126   | 2,1                                 | 88  |              |
| PCB 169   | 0,6                                 | 86  |              |
| PCB 105   | 130                                 | 76  |              |
| PCB 114   | 7,7                                 |   |              |
| PCB 118   | 560                                 | 72  |              |
| PCB 123   | 8,2                                 |   |              |
| PCB 156   | 51                                  | 76  |              |
| PCB 157   | 8,2                                 |   |              |
| PCB 167   | 38                                  | 64  |              |
| PCB 189   | < 4,0                               | 76  |              |
| <b>WHO-PCB-TEQ<br/>(excluding LOQ)</b>                | <b>0,33</b>                         |   |              |
| <b>WHO-PCB-TEQ<br/>(including 1/2 LOQ)</b>            | <b>0,33</b>                         |   |              |
| <b>WHO-PCB-TEQ<br/>(including LOQ)</b>                | <b>0,33</b>                         |   |              |
| <p style="text-align: center;">Isomer Pattern</p>     |                                     |   |              |
| <p style="text-align: center;">TEQ Isomer Pattern</p> |                                     |   |              |

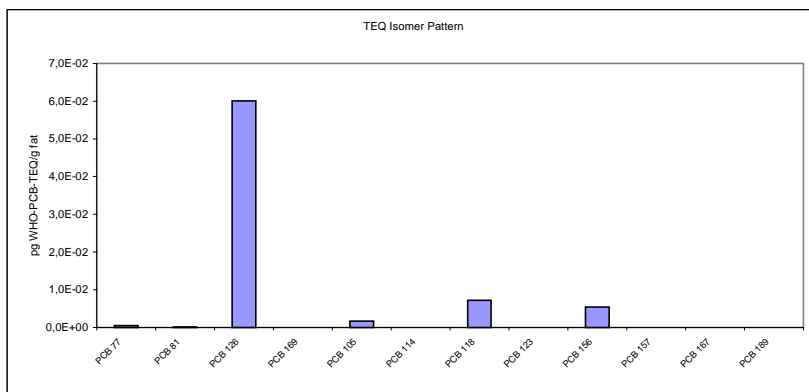
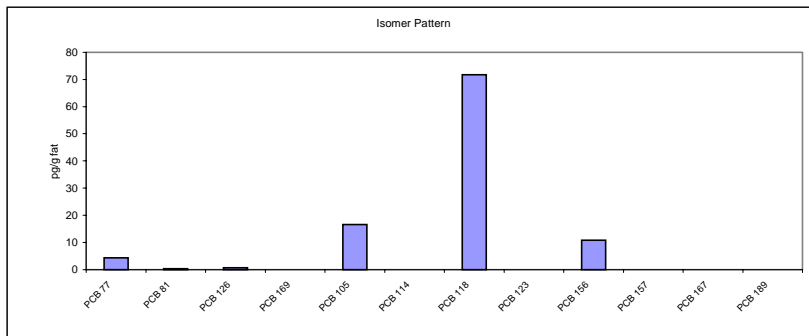
|                   |           |                |              |
|-------------------|-----------|----------------|--------------|
| <b>Sample ID:</b> | 413/01-32 | <b>Matrix:</b> | 036 treenuts |
|                   |           | <b>Region:</b> | FRANCE       |

**Mixed Sample Composition**

no. individ. samples: 2  
 individual sample ID: 036-F-N-1  
 036-F-S-1  
 fat content (%): 63,19

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 4,3      | 74  |
| PCB 81  | 0,3      |   |
| PCB 126 | 0,6      | 95  |
| PCB 169 | <        | 92  |
| PCB 105 | 17       | 81  |
| PCB 114 | <        | 4,0   |
| PCB 118 | 72       | 77  |
| PCB 123 | <        | 4,0   |
| PCB 156 | 11       | 78  |
| PCB 157 | <        | 4,0   |
| PCB 167 | <        | 5,0   |
| PCB 189 | <        | 4,0   |

**WHO-PCB-TEQ** (excluding LOQ) **0,07**  
**WHO-PCB-TEQ** (including 1/2 LOQ) **0,08**  
**WHO-PCB-TEQ** (including LOQ) **0,08**



|                   |           |                |              |
|-------------------|-----------|----------------|--------------|
| <b>Sample ID:</b> | 414/01-35 | <b>Matrix:</b> | 036 treenuts |
|                   |           | <b>Region:</b> | POSP         |

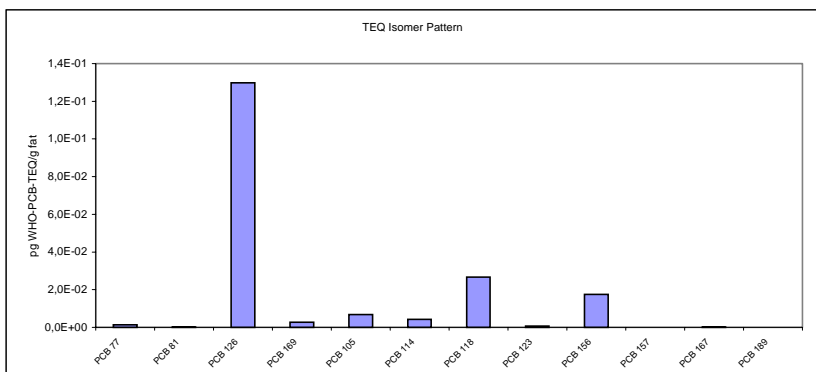
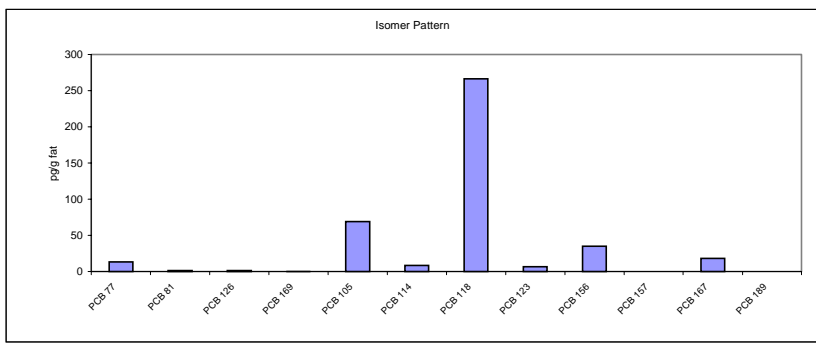
**Mixed Sample Composition**

no. individ. samples: 8  
 individual sample ID: 036-P-P-1  
 036-P-N-1 to 036-P-N-4  
 036-P-S-1 to 036-P-S-3

fat content (%): 66

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 14       | 75  |
| PCB 81  | 1,5      |   |
| PCB 126 | 1,3      | 94  |
| PCB 169 | 0,3      | 94  |
| PCB 105 | 69       | 84  |
| PCB 114 | 8,7      |   |
| PCB 118 | 270      | 81  |
| PCB 123 | 6,9      |   |
| PCB 156 | 35       | 82  |
| PCB 157 | <        | 4,0   |
| PCB 167 |          | 18  |
| PCB 189 | <        | 4,0   |

|   |             |
|---|-------------|
| <b>WHO-PCB-TEQ</b><br>(excluding LOQ)     | <b>0,19</b> |
| <b>WHO-PCB-TEQ</b><br>(including 1/2 LOQ) | <b>0,19</b> |
| <b>WHO-PCB-TEQ</b><br>(including LOQ)     | <b>0,19</b> |



|                   |           |                |              |
|-------------------|-----------|----------------|--------------|
| <b>Sample ID:</b> | 415/01-31 | <b>Matrix:</b> | 036 treenuts |
|                   |           | <b>Region:</b> | GRIT         |

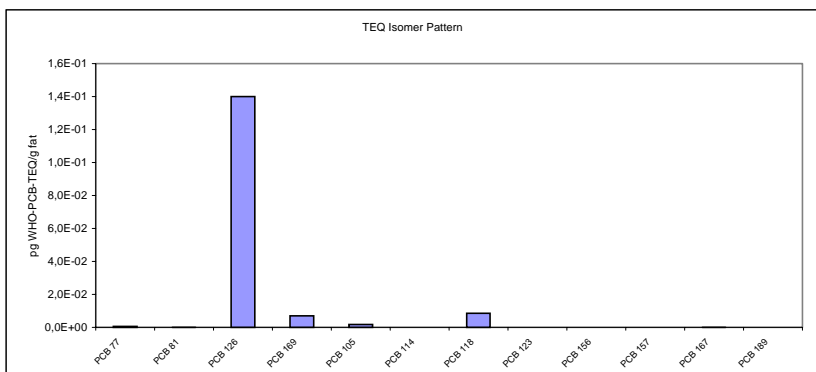
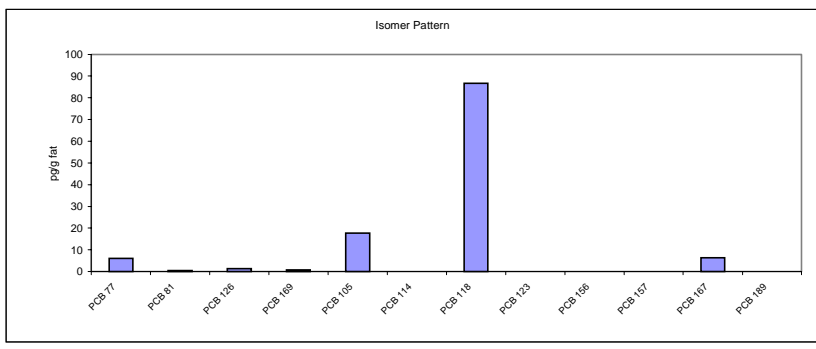
**Mixed Sample Composition**

no. individ. samples: 8  
 individual sample ID: 036-G-G-1 to 036-G-G-2  
 036-G-N-1 to 036-G-N-3  
 036-G-S-1 to 036-G-S-3

fat content (%): 59,34

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 6,1      | 65  |
| PCB 81  | 0,5      |   |
| PCB 126 | 1,4      | 80  |
| PCB 169 | 0,7      | 78  |
| PCB 105 | 18       | 71  |
| PCB 114 | <        | 4,0   |
| PCB 118 | 87       | 68  |
| PCB 123 | <        | 4,0   |
| PCB 156 | <        | 5,0   |
| PCB 157 | <        | 4,0   |
| PCB 167 | 6,3      | 63  |
| PCB 189 | <        | 4,0   |

**WHO-PCB-TEQ** **0,16**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,16**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,17**  
 (including LOQ)



|                   |           |                |              |
|-------------------|-----------|----------------|--------------|
| <b>Sample ID:</b> | 417/01-17 | <b>Matrix:</b> | 036 treenuts |
|                   |           | <b>Region:</b> | IMPORT       |

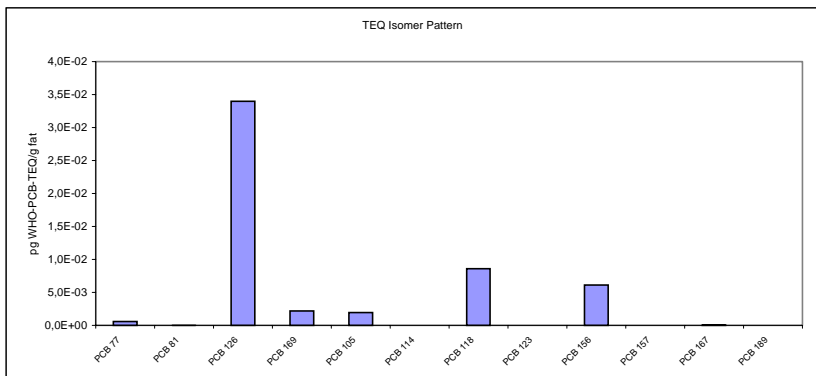
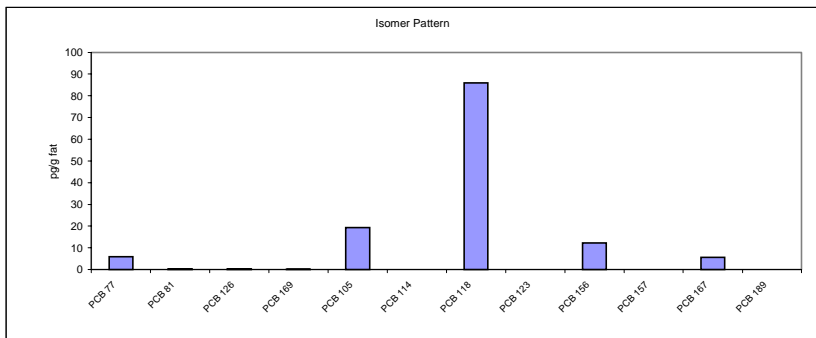
**Mixed Sample Composition**

no. individ. samples: 9  
 individual sample ID: 036-I-ACP-1, 036-I-MM-1 to 036-I-MM-2  
 026-I-MSUR-1, 0,6-I-NAFTA-1 to 036-I-NAFTA-2  
 036-I-OTH-1 to 036-I-OTH-3

fat content (%): 66,45

| Results | pg/g fat | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|----------|---|
| PCB 77  | 6,0      | 76  |
| PCB 81  | 0,3      |   |
| PCB 126 | 0,3      | 102   |
| PCB 169 | 0,2      | 96  |
| PCB 105 | 19       | 82  |
| PCB 114 | <        | 4,0   |
| PCB 118 |          | 86  |
| PCB 123 | <        | 4,0   |
| PCB 156 | 12       | 81  |
| PCB 157 | <        | 4,0   |
| PCB 167 | 5,7      | 73  |
| PCB 189 | <        | 4,0   |

**WHO-PCB-TEQ** **0,05**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,06**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,06**  
 (including LOQ)



9.5.37

Cacao Beans

| <b>Sample ID:</b>   | 417/01-18   | <b>Matrix:</b>  | 037 cacao beans |              |                                      |        |         |        |         |         |       |         |         |         |         |         |          |         |       |         |          |         |       |         |          |         |         |         |          |
|---|---|---|-----------------|--------------|--------------------------------------|--------|---------|--------|---------|---------|-------|---------|---------|---------|---------|---------|----------|---------|-------|---------|----------|---------|-------|---------|----------|---------|---------|---------|----------|
|   |   | <b>Region:</b>  | IMPORT          |              |                                      |        |         |        |         |         |       |         |         |         |         |         |          |         |       |         |          |         |       |         |          |         |         |         |          |
| <b>Mixed Sample Composition</b>   |   |   |                 |              |                                      |        |         |        |         |         |       |         |         |         |         |         |          |         |       |         |          |         |       |         |          |         |         |         |          |
| no. individ. samples:   | 18  |   |                 |              |                                      |        |         |        |         |         |       |         |         |         |         |         |          |         |       |         |          |         |       |         |          |         |         |         |          |
| individual sample ID:   | 037-I-ACP-1 to 037-I-ACP-13<br>037-I-OTH-1 to 037-I-OTH-4<br>037-I-MSUR-1 |   |                 |              |                                      |        |         |        |         |         |       |         |         |         |         |         |          |         |       |         |          |         |       |         |          |         |         |         |          |
| fat content (%):  | 6,687   |   |                 |              |                                      |        |         |        |         |         |       |         |         |         |         |         |          |         |       |         |          |         |       |         |          |         |         |         |          |
| <b>Results</b>  | <b>pg/g fat</b>   | <b>Recovery rate<br/><sup>13</sup>C<sub>12</sub> standard</b> |                 |              |                                      |        |         |        |         |         |       |         |         |         |         |         |          |         |       |         |          |         |       |         |          |         |         |         |          |
| PCB 77  | 6,3   | 86  |                 |              |                                      |        |         |        |         |         |       |         |         |         |         |         |          |         |       |         |          |         |       |         |          |         |         |         |          |
| PCB 81  | 0,4   |   |                 |              |                                      |        |         |        |         |         |       |         |         |         |         |         |          |         |       |         |          |         |       |         |          |         |         |         |          |
| PCB 126   | 1,1   | 98  |                 |              |                                      |        |         |        |         |         |       |         |         |         |         |         |          |         |       |         |          |         |       |         |          |         |         |         |          |
| PCB 169   | 0,3   | 111   |                 |              |                                      |        |         |        |         |         |       |         |         |         |         |         |          |         |       |         |          |         |       |         |          |         |         |         |          |
| PCB 105   | 19  | 97  |                 |              |                                      |        |         |        |         |         |       |         |         |         |         |         |          |         |       |         |          |         |       |         |          |         |         |         |          |
| PCB 114   | <   | 4,0   |                 |              |                                      |        |         |        |         |         |       |         |         |         |         |         |          |         |       |         |          |         |       |         |          |         |         |         |          |
| PCB 118   | 110   | 93  |                 |              |                                      |        |         |        |         |         |       |         |         |         |         |         |          |         |       |         |          |         |       |         |          |         |         |         |          |
| PCB 123   | <   | 4,0   |                 |              |                                      |        |         |        |         |         |       |         |         |         |         |         |          |         |       |         |          |         |       |         |          |         |         |         |          |
| PCB 156   | 18  | 96  |                 |              |                                      |        |         |        |         |         |       |         |         |         |         |         |          |         |       |         |          |         |       |         |          |         |         |         |          |
| PCB 157   | <   | 4,0   |                 |              |                                      |        |         |        |         |         |       |         |         |         |         |         |          |         |       |         |          |         |       |         |          |         |         |         |          |
| PCB 167   | 8,7   | 82  |                 |              |                                      |        |         |        |         |         |       |         |         |         |         |         |          |         |       |         |          |         |       |         |          |         |         |         |          |
| PCB 189   | <   | 4,0   |                 |              |                                      |        |         |        |         |         |       |         |         |         |         |         |          |         |       |         |          |         |       |         |          |         |         |         |          |
| <b>WHO-PCB-TEQ<br/>(excluding LOQ)</b>  | <b>0,14</b>   |   |                 |              |                                      |        |         |        |         |         |       |         |         |         |         |         |          |         |       |         |          |         |       |         |          |         |         |         |          |
| <b>WHO-PCB-TEQ<br/>(including 1/2 LOQ)</b>  | <b>0,14</b>   |   |                 |              |                                      |        |         |        |         |         |       |         |         |         |         |         |          |         |       |         |          |         |       |         |          |         |         |         |          |
| <b>WHO-PCB-TEQ<br/>(including LOQ)</b>  | <b>0,14</b>   |   |                 |              |                                      |        |         |        |         |         |       |         |         |         |         |         |          |         |       |         |          |         |       |         |          |         |         |         |          |
| <table border="1"> <caption>Isomer Pattern Data</caption> <thead> <tr> <th>PCB Congener</th> <th>Concentration (pg/g fat)</th> </tr> </thead> <tbody> <tr><td>PCB 77</td><td>6.3</td></tr> <tr><td>PCB 81</td><td>0.4</td></tr> <tr><td>PCB 126</td><td>1.1</td></tr> <tr><td>PCB 169</td><td>0.3</td></tr> <tr><td>PCB 105</td><td>19</td></tr> <tr><td>PCB 114</td><td>&lt; 4.0</td></tr> <tr><td>PCB 118</td><td>110</td></tr> <tr><td>PCB 123</td><td>&lt; 4.0</td></tr> <tr><td>PCB 156</td><td>18</td></tr> <tr><td>PCB 157</td><td>&lt; 4.0</td></tr> <tr><td>PCB 167</td><td>8.7</td></tr> <tr><td>PCB 189</td><td>&lt; 4.0</td></tr> </tbody> </table>   |   |   |                 | PCB Congener | Concentration (pg/g fat)             | PCB 77 | 6.3     | PCB 81 | 0.4     | PCB 126 | 1.1   | PCB 169 | 0.3     | PCB 105 | 19      | PCB 114 | < 4.0    | PCB 118 | 110   | PCB 123 | < 4.0    | PCB 156 | 18    | PCB 157 | < 4.0    | PCB 167 | 8.7     | PCB 189 | < 4.0    |
| PCB Congener  | Concentration (pg/g fat)  |   |                 |              |                                      |        |         |        |         |         |       |         |         |         |         |         |          |         |       |         |          |         |       |         |          |         |         |         |          |
| PCB 77  | 6.3   |   |                 |              |                                      |        |         |        |         |         |       |         |         |         |         |         |          |         |       |         |          |         |       |         |          |         |         |         |          |
| PCB 81  | 0.4   |   |                 |              |                                      |        |         |        |         |         |       |         |         |         |         |         |          |         |       |         |          |         |       |         |          |         |         |         |          |
| PCB 126   | 1.1   |   |                 |              |                                      |        |         |        |         |         |       |         |         |         |         |         |          |         |       |         |          |         |       |         |          |         |         |         |          |
| PCB 169   | 0.3   |   |                 |              |                                      |        |         |        |         |         |       |         |         |         |         |         |          |         |       |         |          |         |       |         |          |         |         |         |          |
| PCB 105   | 19  |   |                 |              |                                      |        |         |        |         |         |       |         |         |         |         |         |          |         |       |         |          |         |       |         |          |         |         |         |          |
| PCB 114   | < 4.0   |   |                 |              |                                      |        |         |        |         |         |       |         |         |         |         |         |          |         |       |         |          |         |       |         |          |         |         |         |          |
| PCB 118   | 110   |   |                 |              |                                      |        |         |        |         |         |       |         |         |         |         |         |          |         |       |         |          |         |       |         |          |         |         |         |          |
| PCB 123   | < 4.0   |   |                 |              |                                      |        |         |        |         |         |       |         |         |         |         |         |          |         |       |         |          |         |       |         |          |         |         |         |          |
| PCB 156   | 18  |   |                 |              |                                      |        |         |        |         |         |       |         |         |         |         |         |          |         |       |         |          |         |       |         |          |         |         |         |          |
| PCB 157   | < 4.0   |   |                 |              |                                      |        |         |        |         |         |       |         |         |         |         |         |          |         |       |         |          |         |       |         |          |         |         |         |          |
| PCB 167   | 8.7   |   |                 |              |                                      |        |         |        |         |         |       |         |         |         |         |         |          |         |       |         |          |         |       |         |          |         |         |         |          |
| PCB 189   | < 4.0   |   |                 |              |                                      |        |         |        |         |         |       |         |         |         |         |         |          |         |       |         |          |         |       |         |          |         |         |         |          |
| <table border="1"> <caption>TEQ Isomer Pattern Data</caption> <thead> <tr> <th>PCB Congener</th> <th>Concentration (pg WHO-PCB-TEQ/g fat)</th> </tr> </thead> <tbody> <tr><td>PCB 77</td><td>~0.0001</td></tr> <tr><td>PCB 81</td><td>~0.0001</td></tr> <tr><td>PCB 126</td><td>~0.11</td></tr> <tr><td>PCB 169</td><td>~0.0001</td></tr> <tr><td>PCB 105</td><td>~0.0001</td></tr> <tr><td>PCB 114</td><td>&lt; 0.0001</td></tr> <tr><td>PCB 118</td><td>~0.01</td></tr> <tr><td>PCB 123</td><td>&lt; 0.0001</td></tr> <tr><td>PCB 156</td><td>~0.01</td></tr> <tr><td>PCB 157</td><td>&lt; 0.0001</td></tr> <tr><td>PCB 167</td><td>~0.0001</td></tr> <tr><td>PCB 189</td><td>&lt; 0.0001</td></tr> </tbody> </table> |   |   |                 | PCB Congener | Concentration (pg WHO-PCB-TEQ/g fat) | PCB 77 | ~0.0001 | PCB 81 | ~0.0001 | PCB 126 | ~0.11 | PCB 169 | ~0.0001 | PCB 105 | ~0.0001 | PCB 114 | < 0.0001 | PCB 118 | ~0.01 | PCB 123 | < 0.0001 | PCB 156 | ~0.01 | PCB 157 | < 0.0001 | PCB 167 | ~0.0001 | PCB 189 | < 0.0001 |
| PCB Congener  | Concentration (pg WHO-PCB-TEQ/g fat)                                      |   |                 |              |                                      |        |         |        |         |         |       |         |         |         |         |         |          |         |       |         |          |         |       |         |          |         |         |         |          |
| PCB 77  | ~0.0001   |   |                 |              |                                      |        |         |        |         |         |       |         |         |         |         |         |          |         |       |         |          |         |       |         |          |         |         |         |          |
| PCB 81  | ~0.0001   |   |                 |              |                                      |        |         |        |         |         |       |         |         |         |         |         |          |         |       |         |          |         |       |         |          |         |         |         |          |
| PCB 126   | ~0.11   |   |                 |              |                                      |        |         |        |         |         |       |         |         |         |         |         |          |         |       |         |          |         |       |         |          |         |         |         |          |
| PCB 169   | ~0.0001   |   |                 |              |                                      |        |         |        |         |         |       |         |         |         |         |         |          |         |       |         |          |         |       |         |          |         |         |         |          |
| PCB 105   | ~0.0001   |   |                 |              |                                      |        |         |        |         |         |       |         |         |         |         |         |          |         |       |         |          |         |       |         |          |         |         |         |          |
| PCB 114   | < 0.0001  |   |                 |              |                                      |        |         |        |         |         |       |         |         |         |         |         |          |         |       |         |          |         |       |         |          |         |         |         |          |
| PCB 118   | ~0.01   |   |                 |              |                                      |        |         |        |         |         |       |         |         |         |         |         |          |         |       |         |          |         |       |         |          |         |         |         |          |
| PCB 123   | < 0.0001  |   |                 |              |                                      |        |         |        |         |         |       |         |         |         |         |         |          |         |       |         |          |         |       |         |          |         |         |         |          |
| PCB 156   | ~0.01   |   |                 |              |                                      |        |         |        |         |         |       |         |         |         |         |         |          |         |       |         |          |         |       |         |          |         |         |         |          |
| PCB 157   | < 0.0001  |   |                 |              |                                      |        |         |        |         |         |       |         |         |         |         |         |          |         |       |         |          |         |       |         |          |         |         |         |          |
| PCB 167   | ~0.0001   |   |                 |              |                                      |        |         |        |         |         |       |         |         |         |         |         |          |         |       |         |          |         |       |         |          |         |         |         |          |
| PCB 189   | < 0.0001  |   |                 |              |                                      |        |         |        |         |         |       |         |         |         |         |         |          |         |       |         |          |         |       |         |          |         |         |         |          |

9.5.38

Vegetables

| Sample ID:   | 418/01-1              | Matrix:   | 038 tomatoes |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |
|--|-----------------------|---|--------------|--------------|-----------------------|--------|--------|--------|---------|---------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---|---------|---------|---------|---|
| Region:  |                       | Region:   | SCREENING    |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |
| <b>Mixed Sample Composition</b>  |                       |   |              |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |
| no. individ. samples:  | 18                    |   |              |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |
| individual sample ID:  | EU-Screening          |   |              |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |
| dry matter (%):  | 6,0                   |   |              |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |
| <b>Results</b>   | <b>pg/g d.m.</b>      | <b>Recovery rate <sup>13</sup>C<sub>12</sub> standard</b> |              |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |
| PCB 77   | 18,00                 | 106   |              |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |
| PCB 81   | 0,30                  |   |              |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |
| PCB 126  | 0,01                  | 102   |              |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |
| PCB 169  | 0,05                  | 101   |              |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |
| PCB 105  | 14,00                 | 108   |              |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |
| PCB 114  | 1,10                  |   |              |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |
| PCB 118  | 60,00                 | 111   |              |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |
| PCB 123  | 1,00                  |   |              |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |
| PCB 156  | 4,70                  | 109   |              |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |
| PCB 157  | <                     | 0,50  |              |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |
| PCB 167  | 2,20                  | 94  |              |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |
| PCB 189  | <                     | 0,50  |              |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |
| <b>WHO-PCB-TEQ (excluding LOQ)</b>   | <b>0,038</b>          |   |              |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b>   | <b>0,038</b>          |   |              |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |
| <b>WHO-PCB-TEQ (including LOQ)</b>   | <b>0,038</b>          |   |              |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |
| <b>Isomer Pattern</b>  |                       |   |              |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |
| <table border="1"> <caption>Isomer Pattern Data (Estimated)</caption> <thead> <tr> <th>PCB Congener</th> <th>pg/g d.m.</th> </tr> </thead> <tbody> <tr><td>PCB 77</td><td>18</td></tr> <tr><td>PCB 81</td><td>0.3</td></tr> <tr><td>PCB 126</td><td>0.01</td></tr> <tr><td>PCB 169</td><td>0.05</td></tr> <tr><td>PCB 105</td><td>14</td></tr> <tr><td>PCB 114</td><td>1.1</td></tr> <tr><td>PCB 118</td><td>60</td></tr> <tr><td>PCB 123</td><td>1</td></tr> <tr><td>PCB 156</td><td>4.7</td></tr> <tr><td>PCB 157</td><td>&lt;</td></tr> <tr><td>PCB 167</td><td>2.2</td></tr> <tr><td>PCB 189</td><td>&lt;</td></tr> </tbody> </table>  |                       |   |              | PCB Congener | pg/g d.m.             | PCB 77 | 18     | PCB 81 | 0.3     | PCB 126 | 0.01   | PCB 169 | 0.05    | PCB 105 | 14      | PCB 114 | 1.1     | PCB 118 | 60      | PCB 123 | 1       | PCB 156 | 4.7     | PCB 157 | < | PCB 167 | 2.2     | PCB 189 | < |
| PCB Congener   | pg/g d.m.             |   |              |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |
| PCB 77   | 18                    |   |              |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |
| PCB 81   | 0.3                   |   |              |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |
| PCB 126  | 0.01                  |   |              |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |
| PCB 169  | 0.05                  |   |              |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |
| PCB 105  | 14                    |   |              |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |
| PCB 114  | 1.1                   |   |              |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |
| PCB 118  | 60                    |   |              |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |
| PCB 123  | 1                     |   |              |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |
| PCB 156  | 4.7                   |   |              |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |
| PCB 157  | <                     |   |              |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |
| PCB 167  | 2.2                   |   |              |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |
| PCB 189  | <                     |   |              |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |
| <b>TEQ Isomer Pattern</b>  |                       |   |              |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |
| <table border="1"> <caption>TEQ Isomer Pattern Data (Estimated)</caption> <thead> <tr> <th>PCB Congener</th> <th>pg WHO-PCB-TEQ/g d.m.</th> </tr> </thead> <tbody> <tr><td>PCB 77</td><td>~0.002</td></tr> <tr><td>PCB 81</td><td>~0.0003</td></tr> <tr><td>PCB 126</td><td>~0.025</td></tr> <tr><td>PCB 169</td><td>~0.0005</td></tr> <tr><td>PCB 105</td><td>~0.0014</td></tr> <tr><td>PCB 114</td><td>~0.0011</td></tr> <tr><td>PCB 118</td><td>~0.0060</td></tr> <tr><td>PCB 123</td><td>~0.0001</td></tr> <tr><td>PCB 156</td><td>~0.0047</td></tr> <tr><td>PCB 157</td><td>&lt;</td></tr> <tr><td>PCB 167</td><td>~0.0022</td></tr> <tr><td>PCB 189</td><td>&lt;</td></tr> </tbody> </table> |                       |   |              | PCB Congener | pg WHO-PCB-TEQ/g d.m. | PCB 77 | ~0.002 | PCB 81 | ~0.0003 | PCB 126 | ~0.025 | PCB 169 | ~0.0005 | PCB 105 | ~0.0014 | PCB 114 | ~0.0011 | PCB 118 | ~0.0060 | PCB 123 | ~0.0001 | PCB 156 | ~0.0047 | PCB 157 | < | PCB 167 | ~0.0022 | PCB 189 | < |
| PCB Congener   | pg WHO-PCB-TEQ/g d.m. |   |              |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |
| PCB 77   | ~0.002                |   |              |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |
| PCB 81   | ~0.0003               |   |              |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |
| PCB 126  | ~0.025                |   |              |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |
| PCB 169  | ~0.0005               |   |              |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |
| PCB 105  | ~0.0014               |   |              |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |
| PCB 114  | ~0.0011               |   |              |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |
| PCB 118  | ~0.0060               |   |              |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |
| PCB 123  | ~0.0001               |   |              |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |
| PCB 156  | ~0.0047               |   |              |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |
| PCB 157  | <                     |   |              |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |
| PCB 167  | ~0.0022               |   |              |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |
| PCB 189  | <                     |   |              |              |                       |        |        |        |         |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |   |         |         |         |   |

9.5.39

Bone-and Bloodmeal

| Sample ID:   | 418/01-2                              | Matrix:              | 039 Bone- and bloodmeal                     |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
|--|---------------------------------------|----------------------|---|--------------|---------------------------------------|--------|---------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Region:  |                                       | Region:              | SCREENING                                   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| <b>Mixed Sample Composition</b>  |                                       |                      |   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| no. individ. samples:  | 14                                    |                      |   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| individual sample ID:  | EU-Screening                          |                      |   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| dry matter (%):  | 97,1                                  |                      |   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| <b>Results</b>   | <b>pg/g d.m.</b>                      | <b>Recovery rate</b> | <b><sup>13</sup>C<sub>12</sub> standard</b> |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 77   | 2,30                                  | 64                   |   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 81   | 0,20                                  |                      |   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 126  | 0,48                                  | 81                   |   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 169  | 0,33                                  | 59                   |   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 105  | 23,00                                 | 78                   |   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 114  | 2,10                                  |                      |   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 118  | 120,00                                | 74                   |   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 123  | 8,10                                  |                      |   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 156  | 22,00                                 | 73                   |   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 157  | 3,10                                  |                      |   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 167  | 10,00                                 | 64                   |   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 189  | 3,20                                  | 61                   |   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| <b>WHO-PCB-TEQ</b><br>(excluding LOQ)  | <b>0,080</b>                          |                      |   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| <b>WHO-PCB-TEQ</b><br>(including 1/2 LOQ)  | <b>0,080</b>                          |                      |   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| <b>WHO-PCB-TEQ</b><br>(including LOQ)  | <b>0,080</b>                          |                      |   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| <p>Isomer Pattern</p> <table border="1"> <caption>Isomer Pattern Data</caption> <thead> <tr> <th>PCB Congener</th> <th>Concentration (pg/g d.m.)</th> </tr> </thead> <tbody> <tr><td>PCB 77</td><td>2,30</td></tr> <tr><td>PCB 81</td><td>0,20</td></tr> <tr><td>PCB 126</td><td>0,48</td></tr> <tr><td>PCB 169</td><td>0,33</td></tr> <tr><td>PCB 105</td><td>23,00</td></tr> <tr><td>PCB 114</td><td>2,10</td></tr> <tr><td>PCB 118</td><td>120,00</td></tr> <tr><td>PCB 123</td><td>8,10</td></tr> <tr><td>PCB 156</td><td>22,00</td></tr> <tr><td>PCB 157</td><td>3,10</td></tr> <tr><td>PCB 167</td><td>10,00</td></tr> <tr><td>PCB 189</td><td>3,20</td></tr> </tbody> </table>  |                                       |                      |   | PCB Congener | Concentration (pg/g d.m.)             | PCB 77 | 2,30    | PCB 81 | 0,20    | PCB 126 | 0,48    | PCB 169 | 0,33    | PCB 105 | 23,00   | PCB 114 | 2,10    | PCB 118 | 120,00  | PCB 123 | 8,10    | PCB 156 | 22,00   | PCB 157 | 3,10    | PCB 167 | 10,00   | PCB 189 | 3,20    |
| PCB Congener   | Concentration (pg/g d.m.)             |                      |   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 77   | 2,30                                  |                      |   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 81   | 0,20                                  |                      |   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 126  | 0,48                                  |                      |   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 169  | 0,33                                  |                      |   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 105  | 23,00                                 |                      |   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 114  | 2,10                                  |                      |   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 118  | 120,00                                |                      |   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 123  | 8,10                                  |                      |   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 156  | 22,00                                 |                      |   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 157  | 3,10                                  |                      |   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 167  | 10,00                                 |                      |   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 189  | 3,20                                  |                      |   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| <p>TEQ Isomer Pattern</p> <table border="1"> <caption>TEQ Isomer Pattern Data</caption> <thead> <tr> <th>PCB Congener</th> <th>Concentration (pg WHO-PCB-TEQ/g d.m.)</th> </tr> </thead> <tbody> <tr><td>PCB 77</td><td>~0,0001</td></tr> <tr><td>PCB 81</td><td>~0,0001</td></tr> <tr><td>PCB 126</td><td>4,5E-02</td></tr> <tr><td>PCB 169</td><td>~0,0005</td></tr> <tr><td>PCB 105</td><td>~0,0005</td></tr> <tr><td>PCB 114</td><td>~0,0002</td></tr> <tr><td>PCB 118</td><td>~0,0012</td></tr> <tr><td>PCB 123</td><td>~0,0002</td></tr> <tr><td>PCB 156</td><td>~0,0012</td></tr> <tr><td>PCB 157</td><td>~0,0002</td></tr> <tr><td>PCB 167</td><td>~0,0001</td></tr> <tr><td>PCB 189</td><td>~0,0001</td></tr> </tbody> </table> |                                       |                      |   | PCB Congener | Concentration (pg WHO-PCB-TEQ/g d.m.) | PCB 77 | ~0,0001 | PCB 81 | ~0,0001 | PCB 126 | 4,5E-02 | PCB 169 | ~0,0005 | PCB 105 | ~0,0005 | PCB 114 | ~0,0002 | PCB 118 | ~0,0012 | PCB 123 | ~0,0002 | PCB 156 | ~0,0012 | PCB 157 | ~0,0002 | PCB 167 | ~0,0001 | PCB 189 | ~0,0001 |
| PCB Congener   | Concentration (pg WHO-PCB-TEQ/g d.m.) |                      |   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 77   | ~0,0001                               |                      |   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 81   | ~0,0001                               |                      |   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 126  | 4,5E-02                               |                      |   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 169  | ~0,0005                               |                      |   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 105  | ~0,0005                               |                      |   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 114  | ~0,0002                               |                      |   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 118  | ~0,0012                               |                      |   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 123  | ~0,0002                               |                      |   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 156  | ~0,0012                               |                      |   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 157  | ~0,0002                               |                      |   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 167  | ~0,0001                               |                      |   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 189  | ~0,0001                               |                      |   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |

9.5.40

Starchy Roots

| Sample ID:   | 418/01-3                              | Matrix:   | 040 starchy roots |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
|--|---------------------------------------|---|-------------------|--------------|---------------------------------------|--------|---------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
|  |                                       | Region:   | SCREENING         |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| <b>Mixed Sample Composition</b>  |                                       |   |                   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| no. individ. samples:  | 19                                    |   |                   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| individual sample ID:  | EU-Screening                          |   |                   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| dry matter (%):  | 29,56                                 |   |                   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| <b>Results</b>   | <b>pg/g d.m.</b>                      | <b>Recovery rate <sup>13</sup>C<sub>12</sub> standard</b> |                   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 77   | 2,00                                  | 90  |                   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 81   | 0,08                                  |   |                   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 126  | 0,14                                  | 102   |                   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 169  | 0,04                                  | 117   |                   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 105  | 2,60                                  | 97  |                   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 114  | <                                     | 0,20  |                   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 118  | 15,00                                 | 91  |                   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 123  | 0,30                                  |   |                   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 156  | 1,00                                  | 104   |                   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 157  | <                                     | 0,20  |                   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 167  | 0,52                                  | 97  |                   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 189  | <                                     | 0,20  |                   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| <b>WHO-PCB-TEQ (excluding LOQ)</b>   | <b>0,017</b>                          |   |                   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b>   | <b>0,017</b>                          |   |                   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| <b>WHO-PCB-TEQ (including LOQ)</b>   | <b>0,017</b>                          |   |                   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| <p>Isomer Pattern</p> <table border="1"> <caption>Isomer Pattern Data (pg/g d.m.)</caption> <thead> <tr> <th>PCB Congener</th> <th>Concentration (pg/g d.m.)</th> </tr> </thead> <tbody> <tr><td>PCB 77</td><td>2.00</td></tr> <tr><td>PCB 81</td><td>0.08</td></tr> <tr><td>PCB 126</td><td>0.14</td></tr> <tr><td>PCB 169</td><td>0.04</td></tr> <tr><td>PCB 105</td><td>2.60</td></tr> <tr><td>PCB 114</td><td>&lt; 0.20</td></tr> <tr><td>PCB 118</td><td>15.00</td></tr> <tr><td>PCB 123</td><td>0.30</td></tr> <tr><td>PCB 156</td><td>1.00</td></tr> <tr><td>PCB 157</td><td>&lt; 0.20</td></tr> <tr><td>PCB 167</td><td>0.52</td></tr> <tr><td>PCB 189</td><td>&lt; 0.20</td></tr> </tbody> </table>   |                                       |   |                   | PCB Congener | Concentration (pg/g d.m.)             | PCB 77 | 2.00    | PCB 81 | 0.08    | PCB 126 | 0.14    | PCB 169 | 0.04    | PCB 105 | 2.60    | PCB 114 | < 0.20  | PCB 118 | 15.00   | PCB 123 | 0.30    | PCB 156 | 1.00    | PCB 157 | < 0.20  | PCB 167 | 0.52    | PCB 189 | < 0.20  |
| PCB Congener   | Concentration (pg/g d.m.)             |   |                   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 77   | 2.00                                  |   |                   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 81   | 0.08                                  |   |                   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 126  | 0.14                                  |   |                   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 169  | 0.04                                  |   |                   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 105  | 2.60                                  |   |                   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 114  | < 0.20                                |   |                   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 118  | 15.00                                 |   |                   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 123  | 0.30                                  |   |                   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 156  | 1.00                                  |   |                   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 157  | < 0.20                                |   |                   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 167  | 0.52                                  |   |                   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 189  | < 0.20                                |   |                   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| <p>TEQ Isomer Pattern</p> <table border="1"> <caption>TEQ Isomer Pattern Data (pg WHO-PCB-TEQ/g d.m.)</caption> <thead> <tr> <th>PCB Congener</th> <th>Concentration (pg WHO-PCB-TEQ/g d.m.)</th> </tr> </thead> <tbody> <tr><td>PCB 77</td><td>~0.0001</td></tr> <tr><td>PCB 81</td><td>~0.0000</td></tr> <tr><td>PCB 126</td><td>1.4E-02</td></tr> <tr><td>PCB 169</td><td>~0.0001</td></tr> <tr><td>PCB 105</td><td>~0.0001</td></tr> <tr><td>PCB 114</td><td>~0.0000</td></tr> <tr><td>PCB 118</td><td>~0.0002</td></tr> <tr><td>PCB 123</td><td>~0.0000</td></tr> <tr><td>PCB 156</td><td>~0.0001</td></tr> <tr><td>PCB 157</td><td>~0.0000</td></tr> <tr><td>PCB 167</td><td>~0.0000</td></tr> <tr><td>PCB 189</td><td>~0.0000</td></tr> </tbody> </table> |                                       |   |                   | PCB Congener | Concentration (pg WHO-PCB-TEQ/g d.m.) | PCB 77 | ~0.0001 | PCB 81 | ~0.0000 | PCB 126 | 1.4E-02 | PCB 169 | ~0.0001 | PCB 105 | ~0.0001 | PCB 114 | ~0.0000 | PCB 118 | ~0.0002 | PCB 123 | ~0.0000 | PCB 156 | ~0.0001 | PCB 157 | ~0.0000 | PCB 167 | ~0.0000 | PCB 189 | ~0.0000 |
| PCB Congener   | Concentration (pg WHO-PCB-TEQ/g d.m.) |   |                   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 77   | ~0.0001                               |   |                   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 81   | ~0.0000                               |   |                   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 126  | 1.4E-02                               |   |                   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 169  | ~0.0001                               |   |                   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 105  | ~0.0001                               |   |                   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 114  | ~0.0000                               |   |                   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 118  | ~0.0002                               |   |                   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 123  | ~0.0000                               |   |                   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 156  | ~0.0001                               |   |                   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 157  | ~0.0000                               |   |                   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 167  | ~0.0000                               |   |                   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| PCB 189  | ~0.0000                               |   |                   |              |                                       |        |         |        |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |         |

## 9.5.41 Sugar

| Sample ID:   | 418/01-4                          | Matrix:   | 041 sugar |          |                                   |        |          |        |           |         |         |         |           |         |           |         |           |         |         |         |           |         |           |         |           |         |           |         |           |
|--|-----------------------------------|---|-----------|----------|-----------------------------------|--------|----------|--------|-----------|---------|---------|---------|-----------|---------|-----------|---------|-----------|---------|---------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|---------|-----------|
|  |                                   | Region:   | SCREENING |          |                                   |        |          |        |           |         |         |         |           |         |           |         |           |         |         |         |           |         |           |         |           |         |           |         |           |
| <b>Mixed Sample Composition</b>  |                                   |   |           |          |                                   |        |          |        |           |         |         |         |           |         |           |         |           |         |         |         |           |         |           |         |           |         |           |         |           |
| no. individ. samples:  | 19                                |   |           |          |                                   |        |          |        |           |         |         |         |           |         |           |         |           |         |         |         |           |         |           |         |           |         |           |         |           |
| individual sample ID:  | EU-Screening                      |   |           |          |                                   |        |          |        |           |         |         |         |           |         |           |         |           |         |         |         |           |         |           |         |           |         |           |         |           |
| <b>Results</b>   | <b>pg/g<br/>d.m.</b>              | <b>Recovery rate<br/><sup>13</sup>C<sub>12</sub> standard</b> |           |          |                                   |        |          |        |           |         |         |         |           |         |           |         |           |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 77   |                                   | 0,04  | 92        |          |                                   |        |          |        |           |         |         |         |           |         |           |         |           |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 81   | <                                 | 0,01  |           |          |                                   |        |          |        |           |         |         |         |           |         |           |         |           |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 126  |                                   | 0,01  | 115       |          |                                   |        |          |        |           |         |         |         |           |         |           |         |           |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 169  | <                                 | 0,01  | 113       |          |                                   |        |          |        |           |         |         |         |           |         |           |         |           |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 105  | <                                 | 0,80  | 103       |          |                                   |        |          |        |           |         |         |         |           |         |           |         |           |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 114  | <                                 | 0,30  |           |          |                                   |        |          |        |           |         |         |         |           |         |           |         |           |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 118  |                                   | 0,90  | 96        |          |                                   |        |          |        |           |         |         |         |           |         |           |         |           |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 123  | <                                 | 0,30  |           |          |                                   |        |          |        |           |         |         |         |           |         |           |         |           |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 156  | <                                 | 0,80  | 101       |          |                                   |        |          |        |           |         |         |         |           |         |           |         |           |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 157  | <                                 | 0,30  |           |          |                                   |        |          |        |           |         |         |         |           |         |           |         |           |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 167  | <                                 | 0,30  | 91        |          |                                   |        |          |        |           |         |         |         |           |         |           |         |           |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 189  | <                                 | 0,30  | 100       |          |                                   |        |          |        |           |         |         |         |           |         |           |         |           |         |         |         |           |         |           |         |           |         |           |         |           |
| <b>WHO-TEQ<br/>(excluding LOQ)</b>   | <b>0,001</b>                      |   |           |          |                                   |        |          |        |           |         |         |         |           |         |           |         |           |         |         |         |           |         |           |         |           |         |           |         |           |
| <b>WHO-TEQ<br/>(including 1/2 LOQ)</b>   | <b>0,002</b>                      |   |           |          |                                   |        |          |        |           |         |         |         |           |         |           |         |           |         |         |         |           |         |           |         |           |         |           |         |           |
| <b>WHO-TEQ<br/>(including LOQ)</b>   | <b>0,002</b>                      |   |           |          |                                   |        |          |        |           |         |         |         |           |         |           |         |           |         |         |         |           |         |           |         |           |         |           |         |           |
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| Congener   | Concentration (pg/g d.m.)         |   |           |          |                                   |        |          |        |           |         |         |         |           |         |           |         |           |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 77   | ~0.04                             |   |           |          |                                   |        |          |        |           |         |         |         |           |         |           |         |           |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 81   | < 0.01                            |   |           |          |                                   |        |          |        |           |         |         |         |           |         |           |         |           |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 126  | ~0.01                             |   |           |          |                                   |        |          |        |           |         |         |         |           |         |           |         |           |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 169  | < 0.01                            |   |           |          |                                   |        |          |        |           |         |         |         |           |         |           |         |           |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 105  | < 0.80                            |   |           |          |                                   |        |          |        |           |         |         |         |           |         |           |         |           |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 114  | < 0.30                            |   |           |          |                                   |        |          |        |           |         |         |         |           |         |           |         |           |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 118  | ~0.90                             |   |           |          |                                   |        |          |        |           |         |         |         |           |         |           |         |           |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 123  | < 0.30                            |   |           |          |                                   |        |          |        |           |         |         |         |           |         |           |         |           |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 156  | < 0.80                            |   |           |          |                                   |        |          |        |           |         |         |         |           |         |           |         |           |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 157  | < 0.30                            |   |           |          |                                   |        |          |        |           |         |         |         |           |         |           |         |           |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 167  | < 0.30                            |   |           |          |                                   |        |          |        |           |         |         |         |           |         |           |         |           |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 189  | < 0.30                            |   |           |          |                                   |        |          |        |           |         |         |         |           |         |           |         |           |         |         |         |           |         |           |         |           |         |           |         |           |
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| Congener   | Concentration (pg WHO-TEQ/g d.m.) |   |           |          |                                   |        |          |        |           |         |         |         |           |         |           |         |           |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 77   | ~0.00004                          |   |           |          |                                   |        |          |        |           |         |         |         |           |         |           |         |           |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 81   | < 0.00001                         |   |           |          |                                   |        |          |        |           |         |         |         |           |         |           |         |           |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 126  | 1.0E-03                           |   |           |          |                                   |        |          |        |           |         |         |         |           |         |           |         |           |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 169  | < 0.00001                         |   |           |          |                                   |        |          |        |           |         |         |         |           |         |           |         |           |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 105  | < 0.00001                         |   |           |          |                                   |        |          |        |           |         |         |         |           |         |           |         |           |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 114  | < 0.00001                         |   |           |          |                                   |        |          |        |           |         |         |         |           |         |           |         |           |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 118  | ~0.0001                           |   |           |          |                                   |        |          |        |           |         |         |         |           |         |           |         |           |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 123  | < 0.00001                         |   |           |          |                                   |        |          |        |           |         |         |         |           |         |           |         |           |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 156  | < 0.00001                         |   |           |          |                                   |        |          |        |           |         |         |         |           |         |           |         |           |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 157  | < 0.00001                         |   |           |          |                                   |        |          |        |           |         |         |         |           |         |           |         |           |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 167  | < 0.00001                         |   |           |          |                                   |        |          |        |           |         |         |         |           |         |           |         |           |         |         |         |           |         |           |         |           |         |           |         |           |
| PCB 189  | < 0.00001                         |   |           |          |                                   |        |          |        |           |         |         |         |           |         |           |         |           |         |         |         |           |         |           |         |           |         |           |         |           |

9.5.42

Green Crop

|  |                        |   |                |
|--|------------------------|---|----------------|
| <b>Sample ID:</b>                      | 410/01-33              | <b>Matrix:</b>  | 042 green crop |
|  |                        | <b>Region:</b>  | AUGE           |
| <b>Mixed Sample Composition</b>        |                        |   |                |
| no. individ. samples:                  | 18                     |   |                |
| individual sample ID:                  | 042-A-A-1              |   |                |
|  | 042-A-N-1 to 042-A-N-9 |   |                |
|  | 042-A-S-1 to 042-A-S-8 |   |                |
| dry matter (%):                        | 26,97                  |   |                |
| <b>Results</b>                         | <b>pg/g d.m.</b>       | <b>Recovery rate <sup>13</sup>C<sub>12</sub> standard</b> |                |
| PCB 77                                 | 6,30                   | 102   |                |
| PCB 81                                 | 0,21                   |   |                |
| PCB 126                                | 0,99                   | 114   |                |
| PCB 169                                | 0,13                   | 113   |                |
| PCB 105                                | 20                     | 112   |                |
| PCB 114                                | 1,30                   |   |                |
| PCB 118                                | 73                     | 102   |                |
| PCB 123                                | 1,30                   |   |                |
| PCB 156                                | 10                     | 106   |                |
| PCB 157                                | 1,40                   |   |                |
| PCB 167                                | 6,30                   | 95  |                |
| PCB 189                                | 1,30                   | 108   |                |
| <b>WHO-PCB-TEQ (excluding LOQ)</b>     | <b>0,12</b>            |   |                |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b> | <b>0,12</b>            |   |                |
| <b>WHO-PCB-TEQ (including LOQ)</b>     | <b>0,12</b>            |   |                |
| <p>Isomer Pattern</p>                  |                        |   |                |
| <p>TEQ Isomer Pattern</p>              |                        |   |                |

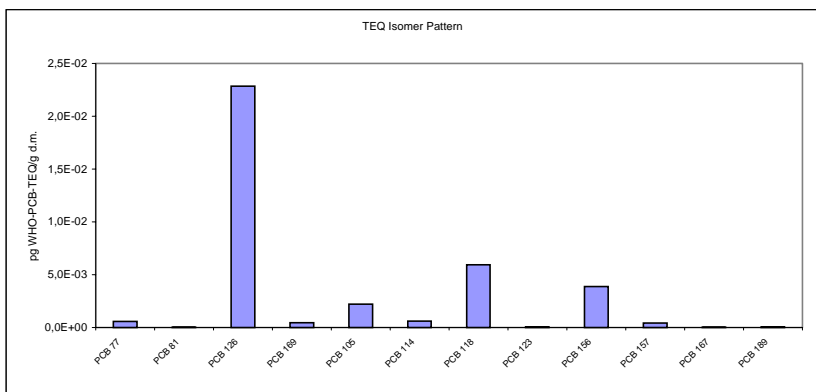
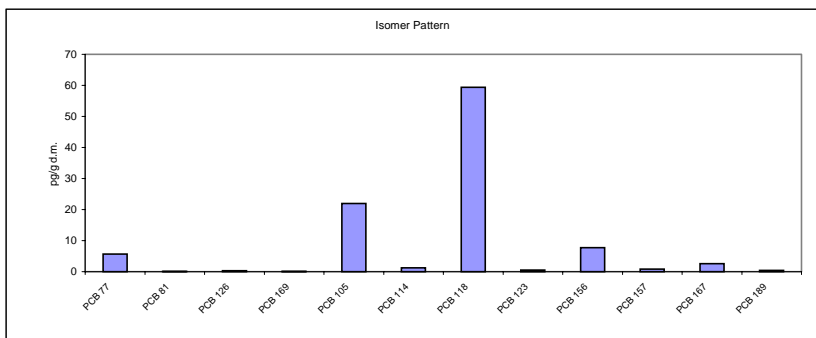
|                   |           |                |                |
|-------------------|-----------|----------------|----------------|
| <b>Sample ID:</b> | 411/01-25 | <b>Matrix:</b> | 042 green crop |
|                   |           | <b>Region:</b> | BENE           |

**Mixed Sample Composition**

no. individ. samples: 13  
 individual sample ID: 042-B-B-1 to 042-B-B-2  
 042-B-N-1 to 042-B-N-9  
 dry matter (%): 27,9

| Results | pg/g<br>d.m. | Recovery rate<br><sup>13</sup> C <sub>12</sub> standard |
|---------|--------------|---|
| PCB 77  | 5,60         | 101   |
| PCB 81  | 0,06         |   |
| PCB 126 | 0,23         | 108   |
| PCB 169 | 0,04         | 75  |
| PCB 105 | 22,0         | 104   |
| PCB 114 | 1,20         |   |
| PCB 118 | 59,9         | 99  |
| PCB 123 | 0,45         |   |
| PCB 156 | 7,70         | 91  |
| PCB 157 | 0,80         |   |
| PCB 167 | 2,50         | 111   |
| PCB 189 | 0,33         | 124   |

**WHO-PCB-TEQ** **0,04**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,04**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,04**  
 (including LOQ)



|                   |           |                |                |
|-------------------|-----------|----------------|----------------|
| <b>Sample ID:</b> | 412/01-29 | <b>Matrix:</b> | 042 green crop |
|                   |           | <b>Region:</b> | SCAN           |

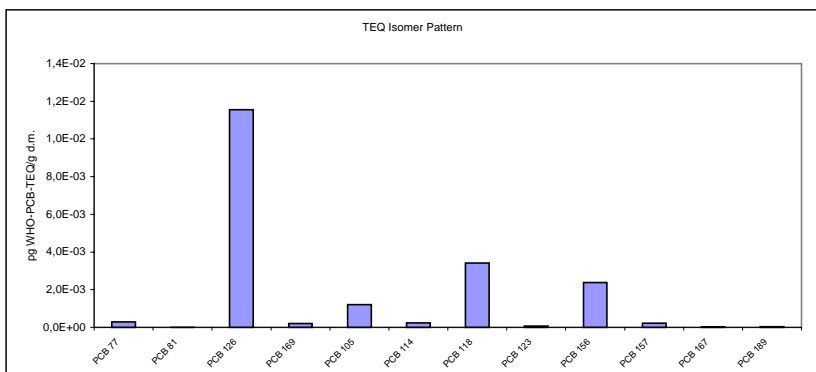
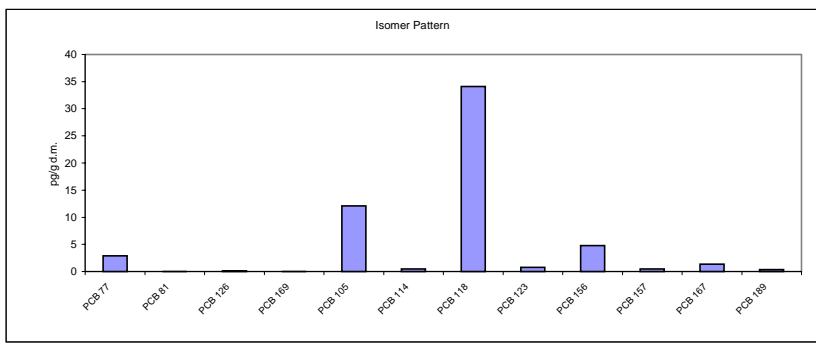
**Mixed Sample Composition**

no. individ. samples: 7  
 individual sample ID: 042-S-D-1 to 042-S-D-3  
 042-S-F-1  
 042-S-S-1 to 042-S-S-3

dry matter (%): 22,0

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |
|---------|-----------|--|
| PCB 77  | 2,90      | 98   |
| PCB 81  | 0,03      |  |
| PCB 126 | 0,12      | 110  |
| PCB 169 | 0,02      | 101  |
| PCB 105 | 12,0      | 100  |
| PCB 114 | 0,47      |  |
| PCB 118 | 34,0      | 99   |
| PCB 123 | 0,76      |  |
| PCB 156 | 4,80      | 105  |
| PCB 157 | 0,45      |  |
| PCB 167 | 1,40      | 108  |
| PCB 189 | 0,38      | 118  |

**WHO-PCB-TEQ** **0,02**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,02**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,02**  
 (including LOQ)



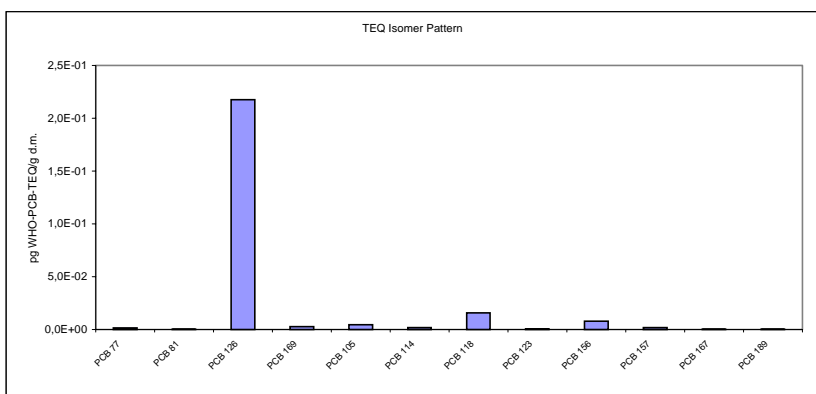
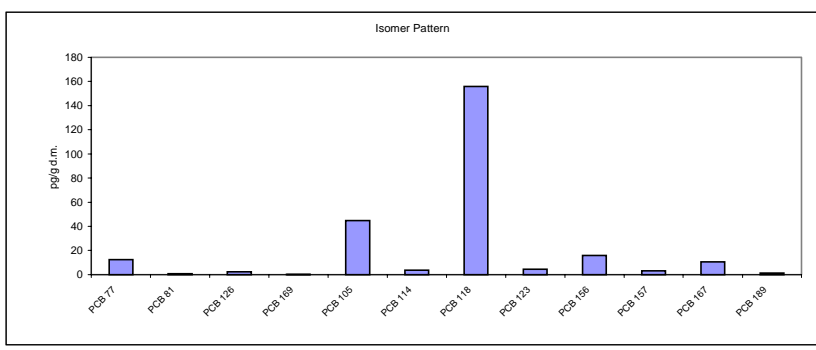
|                   |           |                |                |
|-------------------|-----------|----------------|----------------|
| <b>Sample ID:</b> | 413/01-33 | <b>Matrix:</b> | 042 green crop |
|                   |           | <b>Region:</b> | FRANCE         |

**Mixed Sample Composition**

no. individ. samples: 12  
 individual sample ID: 042-F-N-1 to 042-F-N-6  
 042-F-S-1 to 042-F-S-6  
 dry matter (%): 26,0

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |
|---------|-----------|--|
| PCB 77  | 12,00     | 95   |
| PCB 81  | 0,59      |  |
| PCB 126 | 2,20      | 116  |
| PCB 169 | 0,25      | 116  |
| PCB 105 | 45,0      | 107  |
| PCB 114 | 3,60      |  |
| PCB 118 | 160,0     | 99   |
| PCB 123 | 4,30      |  |
| PCB 156 | 16,00     | 100  |
| PCB 157 | 3,00      |  |
| PCB 167 | 10,00     | 87   |
| PCB 189 | 1,30      | 97   |

|  |             |
|--|-------------|
| <b>WHO-PCB-TEQ (excluding LOQ)</b>     | <b>0,25</b> |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b> | <b>0,25</b> |
| <b>WHO-PCB-TEQ (including LOQ)</b>     | <b>0,25</b> |



|                   |           |                |                |
|-------------------|-----------|----------------|----------------|
| <b>Sample ID:</b> | 414/01-36 | <b>Matrix:</b> | 042 green crop |
|                   |           | <b>Region:</b> | POSP           |

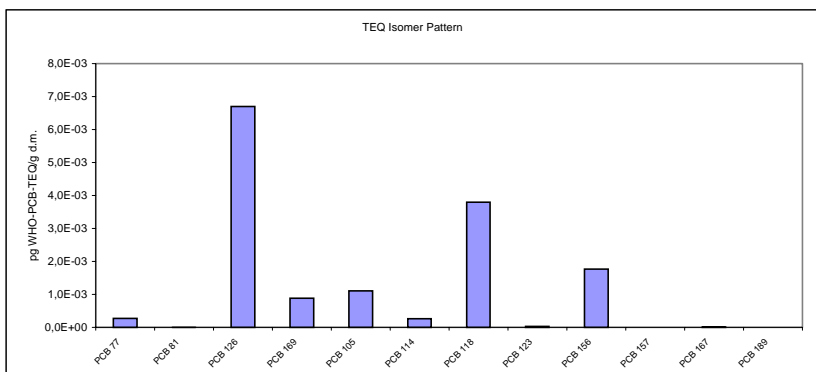
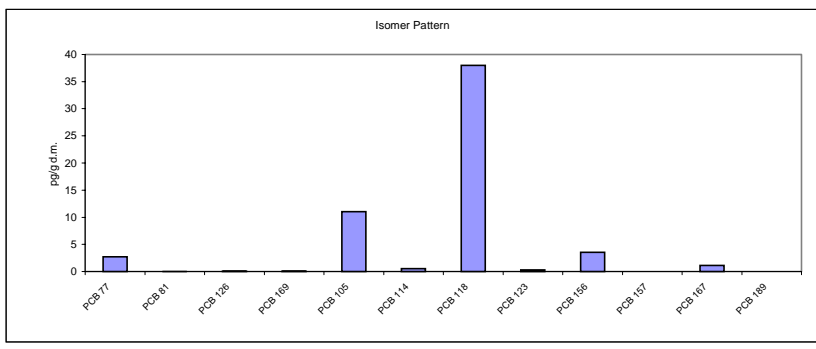
**Mixed Sample Composition**

no. individ. samples: 10  
 individual sample ID: 042-P-P-1 to 042-P-P-2  
 042-P-N-1 to 042-P-N-4  
 042-P-S-1 to 042-P-S-4

dry matter (%): 30,9

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |     |
|---------|-----------|--|-----|
| PCB 77  | 2,70      | 105  |     |
| PCB 81  | 0,04      |  |     |
| PCB 126 | 0,07      | 114  |     |
| PCB 169 | 0,09      | 106  |     |
| PCB 105 | 11,0      | 107  |     |
| PCB 114 | 0,52      |  |     |
| PCB 118 | 38,0      | 108  |     |
| PCB 123 | 0,31      |  |     |
| PCB 156 | 3,50      | 113  |     |
| PCB 157 | <         | 0,30   |     |
| PCB 167 | 1,10      | 106  |     |
| PCB 189 | <         | 0,30   | 116 |

|  |             |
|--|-------------|
| <b>WHO-PCB-TEQ (excluding LOQ)</b>     | <b>0,01</b> |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b> | <b>0,01</b> |
| <b>WHO-PCB-TEQ (including LOQ)</b>     | <b>0,02</b> |



|                   |           |                |                |
|-------------------|-----------|----------------|----------------|
| <b>Sample ID:</b> | 415/01-32 | <b>Matrix:</b> | 042 green crop |
|                   |           | <b>Region:</b> | GRIT           |

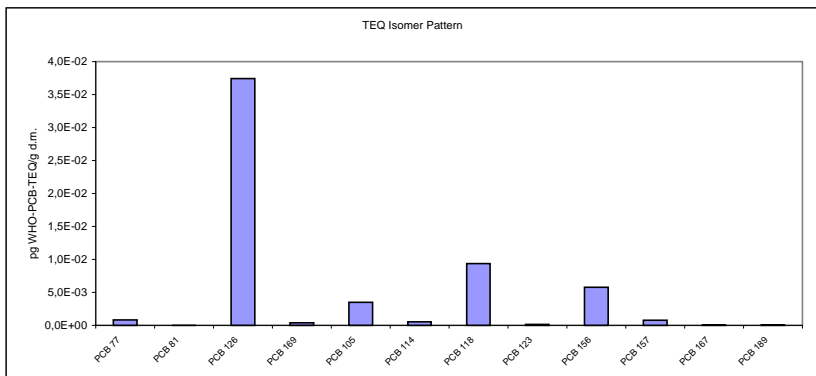
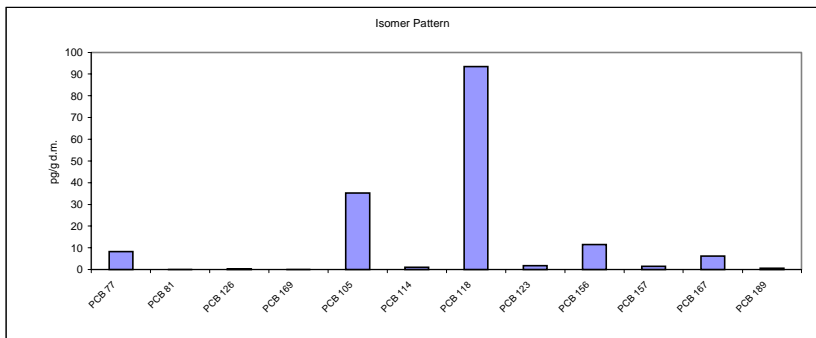
**Mixed Sample Composition**

no. individ. samples: 11  
 individual sample ID: 042-G-G-1  
 042-G-N-1 to 042-G-N-5  
 042-G-S-1 to 042-G-S-5

dry matter (%): 35,18

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |
|---------|-----------|--|
| PCB 77  | 8,30      | 102  |
| PCB 81  | 0,08      |  |
| PCB 126 | 0,37      | 114  |
| PCB 169 | 0,04      | 104  |
| PCB 105 | 35,0      | 104  |
| PCB 114 | 1,10      |  |
| PCB 118 | 93,0      | 100  |
| PCB 123 | 1,70      |  |
| PCB 156 | 12,0      | 93   |
| PCB 157 | 1,50      |  |
| PCB 167 | 6,20      | 92   |
| PCB 189 | 0,56      | 97   |

**WHO-PCB-TEQ** **0,06**  
 (excluding LOQ)  
**WHO-PCB-TEQ** **0,06**  
 (including 1/2 LOQ)  
**WHO-PCB-TEQ** **0,06**  
 (including LOQ)



|                   |           |                |                |
|-------------------|-----------|----------------|----------------|
| <b>Sample ID:</b> | 416/01-27 | <b>Matrix:</b> | 042 green crop |
|                   |           | <b>Region:</b> | IRUK           |

**Mixed Sample Composition**

no. individ. samples: 15  
 individual sample ID: 042-I-I-1 to 042-I-I-5  
 042-I-N-1 to 042-I-N-6  
 042-I-S-1 to 042-I-S-5  
 dry matter (%): 24,6

| Results | pg/g d.m. | Recovery rate <sup>13</sup> C <sub>12</sub> standard |
|---------|-----------|--|
| PCB 77  | 5,20      | 94   |
| PCB 81  | 0,19      |  |
| PCB 126 | 0,52      | 118  |
| PCB 169 | 0,07      | 115  |
| PCB 105 | 22,0      | 100  |
| PCB 114 | 0,49      |  |
| PCB 118 | 83,0      | 93   |
| PCB 123 | 1,30      |  |
| PCB 156 | 5,90      | 95   |
| PCB 157 | 0,94      |  |
| PCB 167 | 2,90      | 89   |
| PCB 189 | 0,54      | 117  |

|  |             |
|--|-------------|
| <b>WHO-PCB-TEQ (excluding LOQ)</b>     | <b>0,07</b> |
| <b>WHO-PCB-TEQ (including 1/2 LOQ)</b> | <b>0,07</b> |
| <b>WHO-PCB-TEQ (including LOQ)</b>     | <b>0,07</b> |

