

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\  
 Data File : BG045362.D  
 Acq On : 13 May 2020 14:54  
 Operator : CG/JU  
 Sample : L2571-02  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OIL-WATER-SEPARATOR

Quant Time: May 13 15:36:08 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 13 11:40:01 2020  
 Response via : Initial Calibration

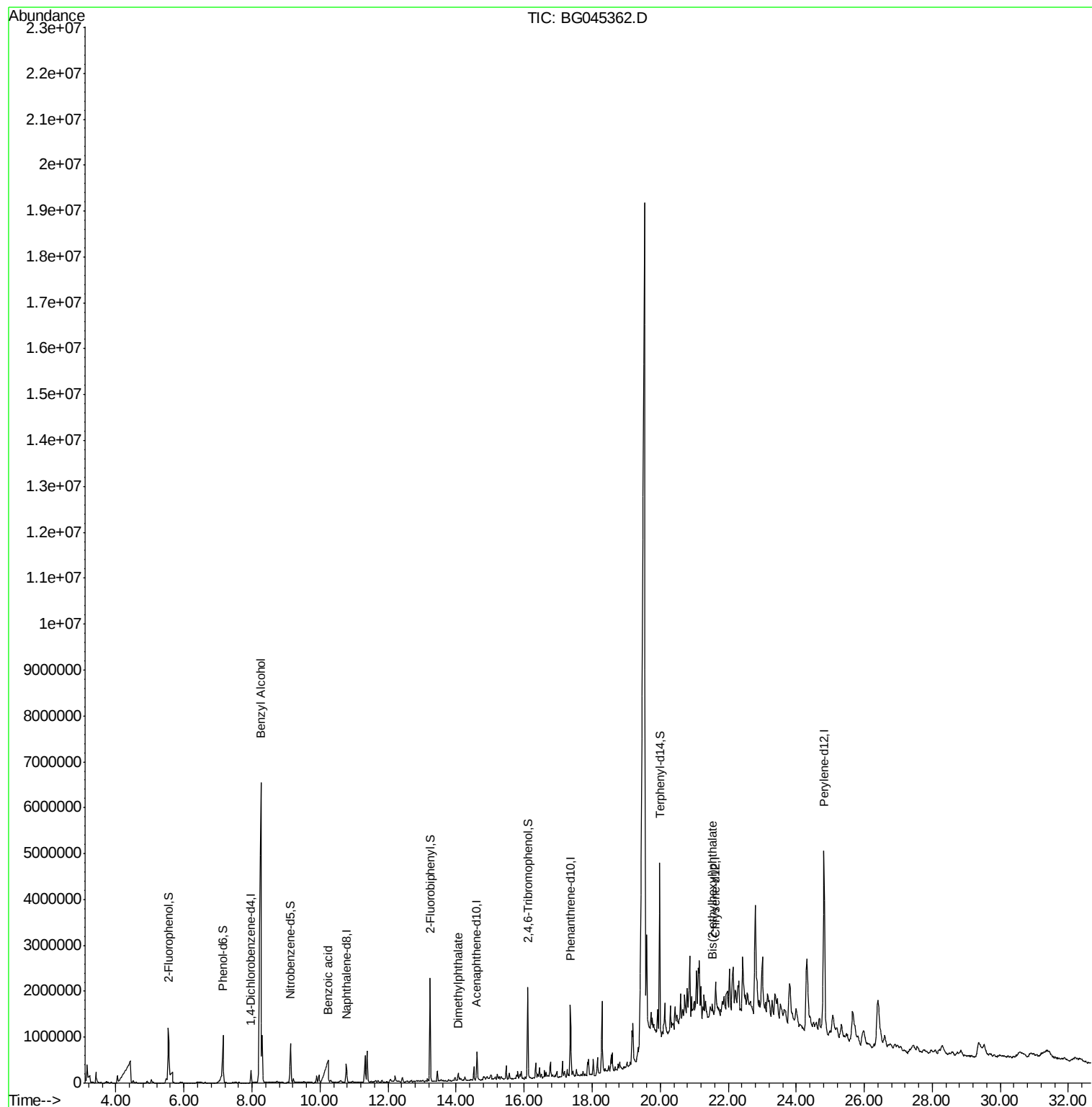
| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.97  | 152  | 77236    | 20.00   | ng    | 0.00     |
| 21) Naphthalene-d8             | 10.78 | 136  | 295219   | 20.00   | ng    | 0.00     |
| 39) Acenaphthene-d10           | 14.61 | 164  | 198008   | 20.00   | ng    | 0.00     |
| 64) Phenanthrene-d10           | 17.36 | 188  | 394292   | 20.00   | ng    | 0.00     |
| 76) Chrysene-d12               | 21.63 | 240  | 358836   | 20.00   | ng    | 0.00     |
| 87) Perylene-d12               | 24.81 | 264  | 396178   | 20.00   | ng    | 0.03     |
| System Monitoring Compounds    |       |      |          |         |       |          |
| 5) 2-Fluorophenol              | 5.55  | 112  | 535774   | 114.52  | ng    | 0.00     |
| 7) Phenol-d6                   | 7.15  | 99   | 718693   | 103.40  | ng    | 0.00     |
| 23) Nitrobenzene-d5            | 9.13  | 82   | 569521   | 88.02   | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol       | 16.11 | 330  | 377289   | 123.34  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl           | 13.24 | 172  | 1259703  | 93.29   | ng    | 0.00     |
| 79) Terphenyl-d14              | 19.98 | 244  | 1670240  | 101.45  | ng    | 0.00     |
| Target Compounds               |       |      |          |         |       |          |
| 15) Benzyl Alcohol             | 8.26  | 79   | 3859497  | 662.275 | ng    | 90       |
| 32) Benzoic acid               | 10.24 | 122  | 592494   | 146.693 | ng    | 89       |
| 50) Dimethylphthalate          | 14.06 | 163  | 105827   | 6.564   | ng    | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.53 | 149  | 89400    | 6.339   | ng    | 99       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051220\  
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Sample : L2571-02  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
OIL-WATER-SEPARATOR

Quant Time: May 13 15:36:08 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 13 11:40:01 2020  
Response via : Initial Calibration



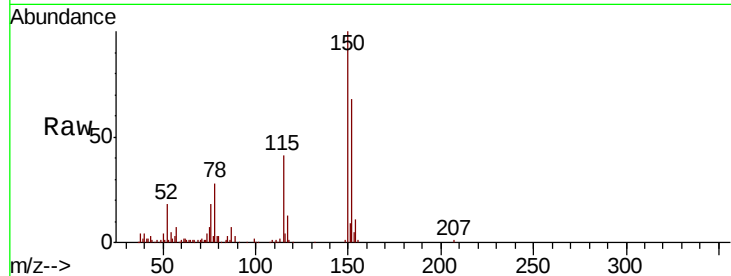


#1

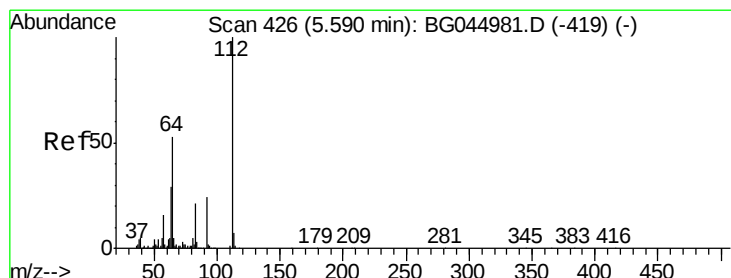
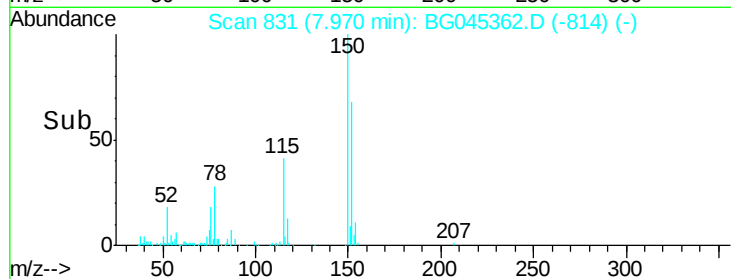
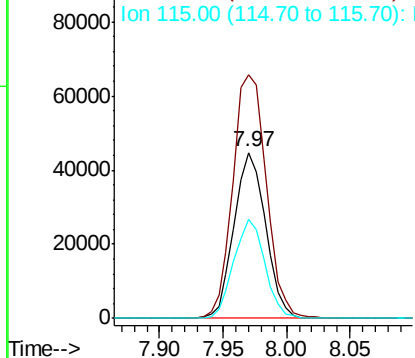
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.97 min Scan# 831  
Delta R.T. -0.00 min  
Lab File: BG045362.D  
Acq: 13 May 2020 14:54

Instrument :  
BNA\_G  
ClientSampleId :  
OIL-WATER-SEPARATOR

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 146.6 | 123.6 | 185.4 |
| 115     | 59.9  | 49.1  | 73.7  |



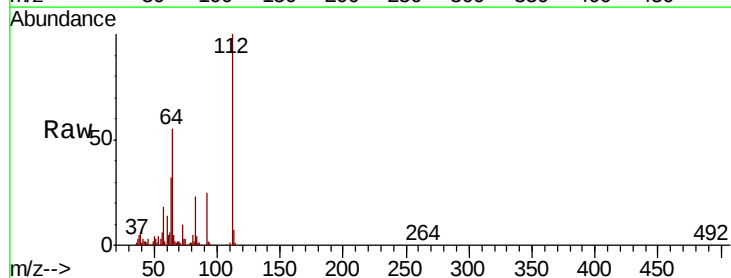
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



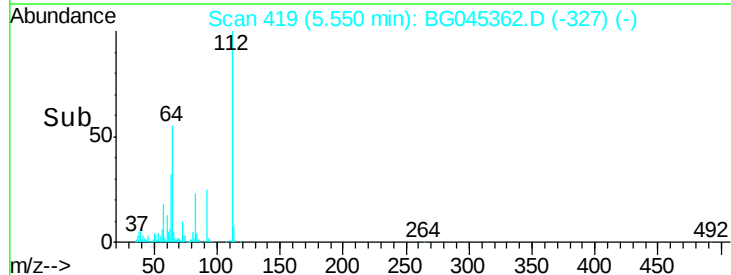
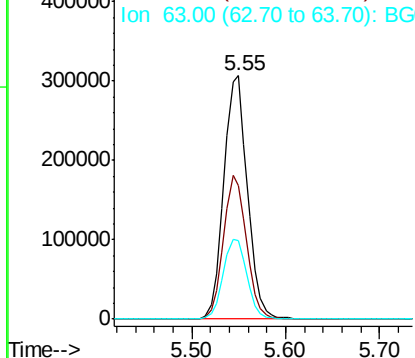
#5

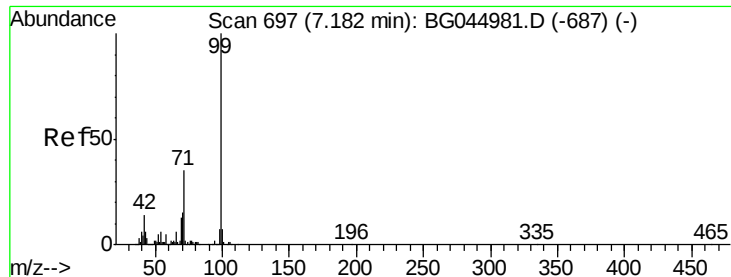
2-Fluorophenol  
Concen: 114.524 ng  
RT: 5.55 min Scan# 419  
Delta R.T. 0.01 min  
Lab File: BG045362.D  
Acq: 13 May 2020 14:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 54.7  | 42.4  | 63.6  |
| 63      | 32.1  | 23.1  | 34.7  |



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BG0  
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 103.398 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.01 min

Lab File: BG045362.D

Acq: 13 May 2020 14:54

Instrument :

BNA\_G

ClientSampleId :

OIL-WATER-SEPARATOR

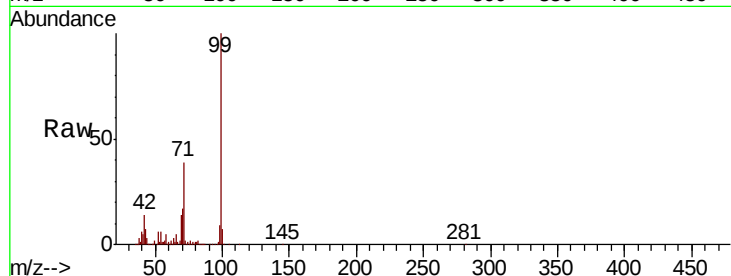
Tot Ion: 99 Resp: 718693

Ion Ratio Lower Upper

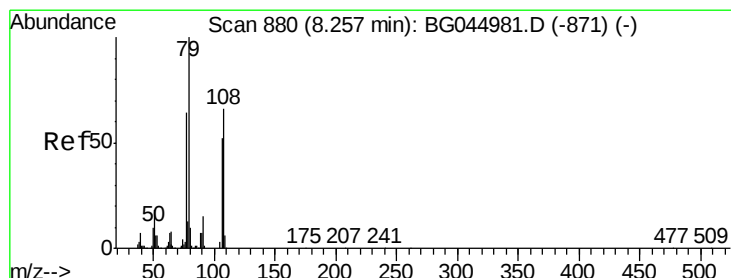
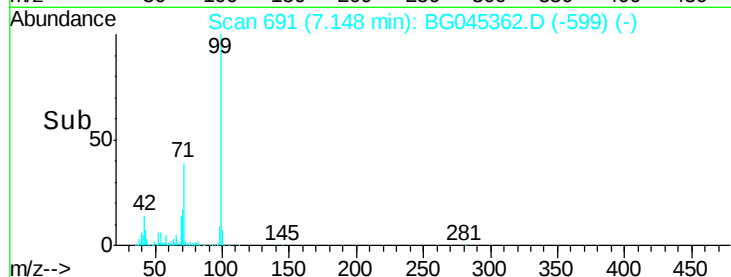
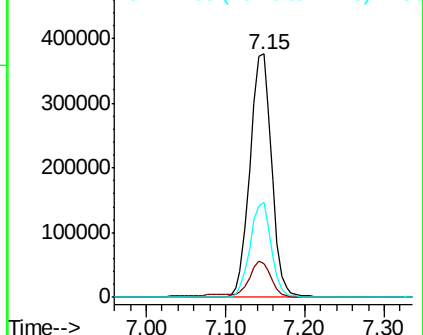
99 100

42 14.0 11.3 16.9

71 38.9 28.3 42.5



Abundance Ion 99.00 (98.70 to 99.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 71.00 (70.70 to 71.70): BGC



#15

Benzyl Alcohol

Concen: 662.275 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.05 min

Lab File: BG045362.D

Acq: 13 May 2020 14:54

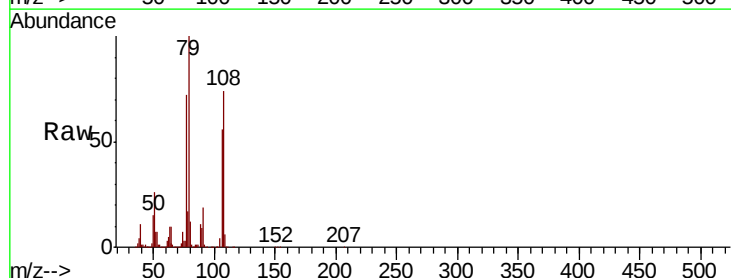
Tgt Ion: 79 Resp: 3859497

Ion Ratio Lower Upper

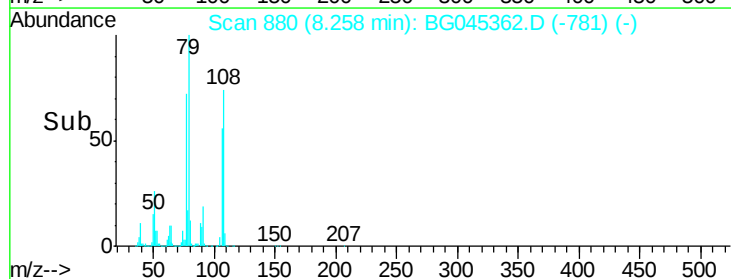
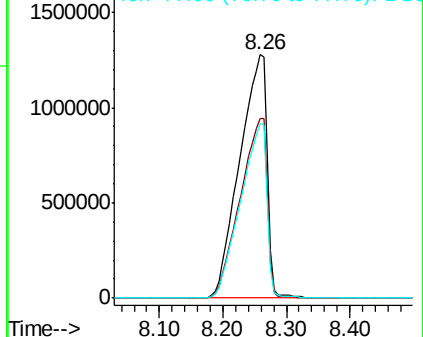
79 100

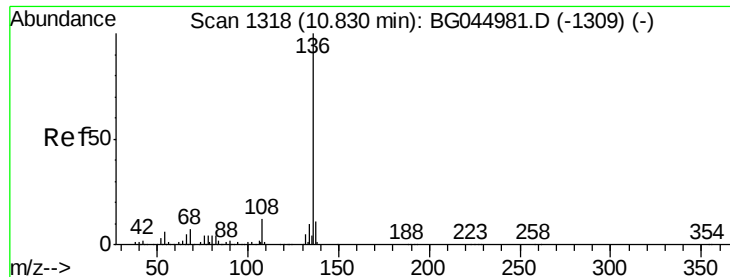
108 73.8 52.7 79.1

77 71.8 51.3 76.9



Abundance Ion 79.00 (78.70 to 79.70): BGC  
Ion 108.00 (107.70 to 108.70): BGC  
Ion 77.00 (76.70 to 77.70): BGC

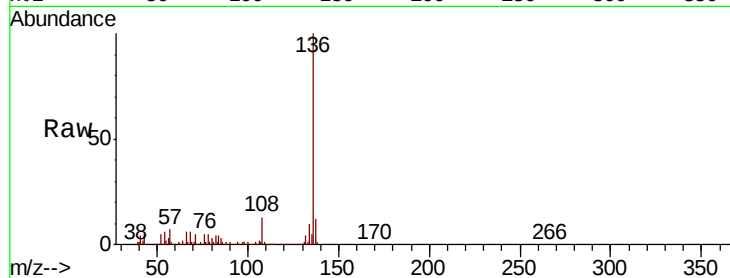




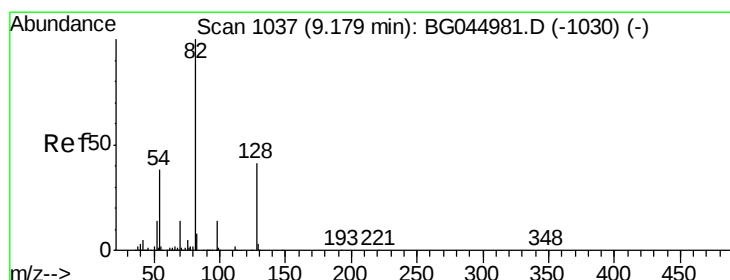
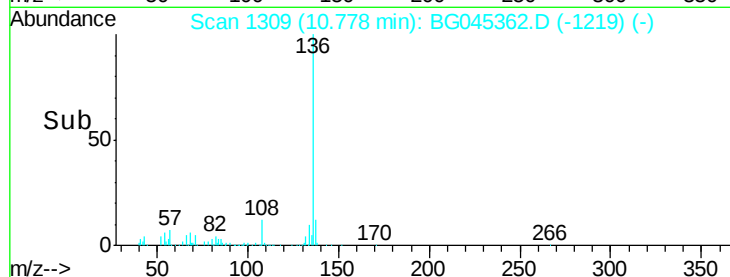
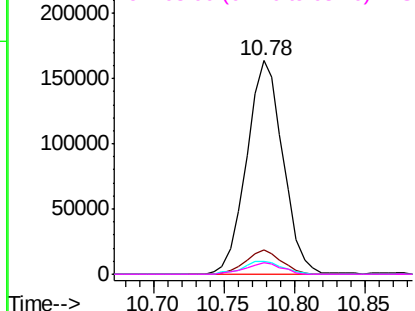
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.78 min Scan# 1309  
Delta R.T. -0.00 min  
Lab File: BG045362.D  
Acq: 13 May 2020 14:54

Instrument :  
BNA\_G  
ClientSampleId :  
OIL-WATER-SEPARATOR

|             |       |        |
|-------------|-------|--------|
| Tot Ion:136 | Resp: | 295219 |
| Ion Ratio   | Lower | Upper  |
| 136 100     |       |        |
| 137 11.6    | 8.6   | 13.0   |
| 54 5.9      | 4.8   | 7.2    |
| 68 5.7      | 5.2   | 7.8    |

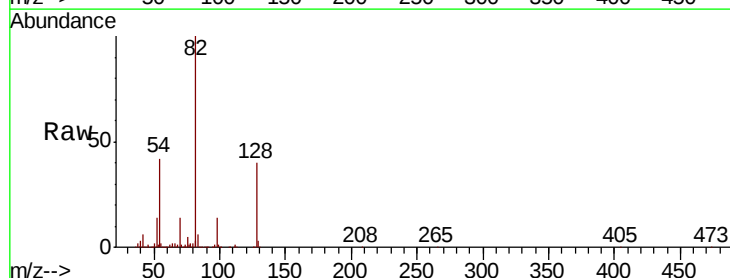


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

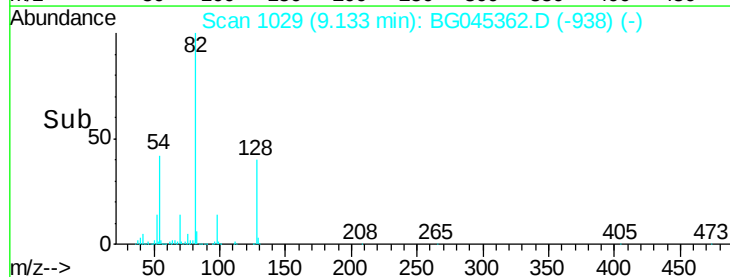
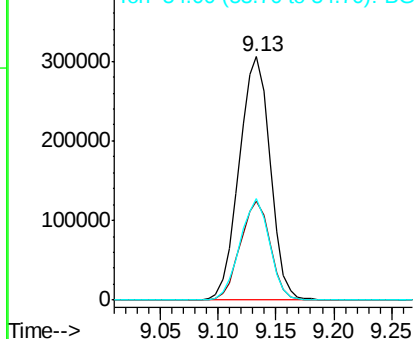


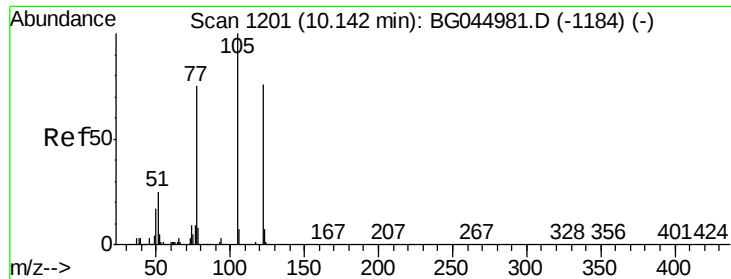
#23  
Nitrobenzene-d5  
Concen: 88.025 ng  
RT: 9.13 min Scan# 1029  
Delta R.T. 0.00 min  
Lab File: BG045362.D  
Acq: 13 May 2020 14:54

|             |              |
|-------------|--------------|
| Tgt Ion: 82 | Resp: 569521 |
| Ion Ratio   | Lower Upper  |
| 82 100      |              |
| 128 40.5    | 33.0 49.4    |
| 54 41.8     | 30.4 45.6    |



Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 128.00 (127.70 to 128.70): E  
Ion 54.00 (53.70 to 54.70): BGC

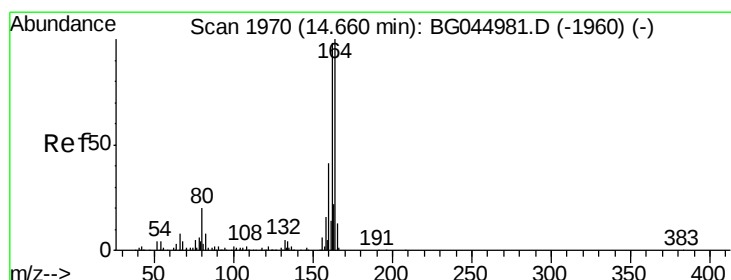
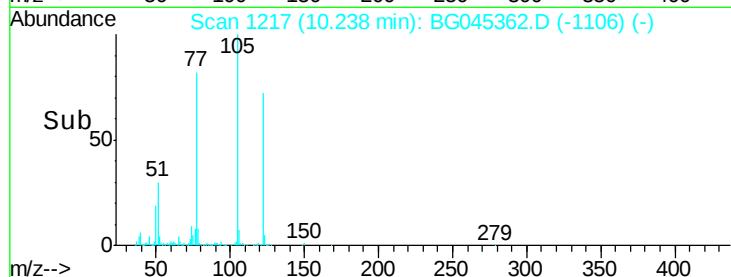
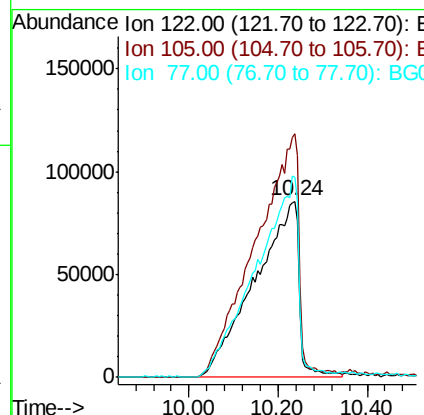
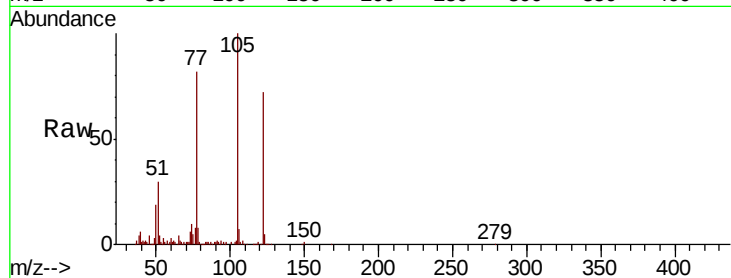




#32  
Benzoic acid  
Concen: 146.693 ng  
RT: 10.24 min Scan# 1217  
Delta R.T. 0.12 min  
Lab File: BG045362.D  
Acq: 13 May 2020 14:54

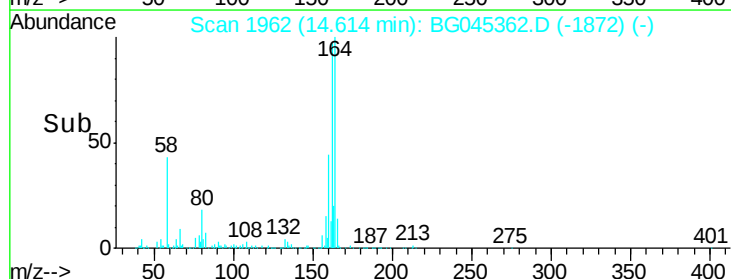
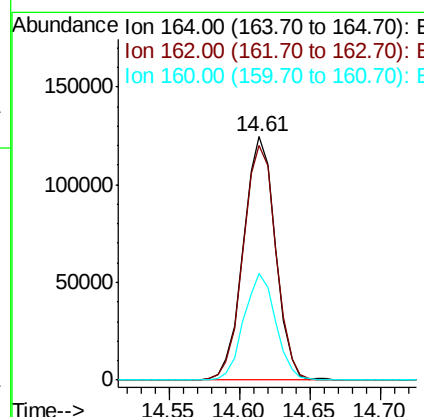
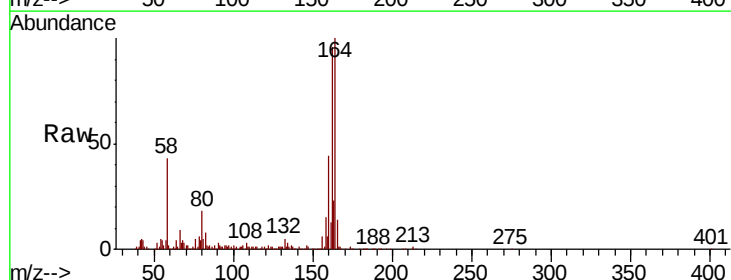
Instrument :  
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ClientSampleId :  
OIL-WATER-SEPARATOR

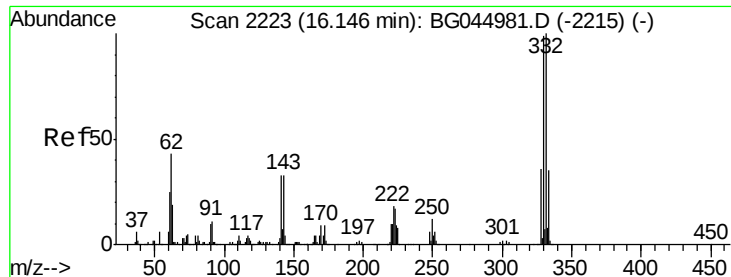
Tot Ion:122 Resp: 592494  
Ion Ratio Lower Upper  
122 100  
105 138.3 108.4 148.4  
77 113.5 78.8 118.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.61 min Scan# 1962  
Delta R.T. -0.00 min  
Lab File: BG045362.D  
Acq: 13 May 2020 14:54

Tgt Ion:164 Resp: 198008  
Ion Ratio Lower Upper  
164 100  
162 96.3 78.7 118.1  
160 44.0 32.8 49.2

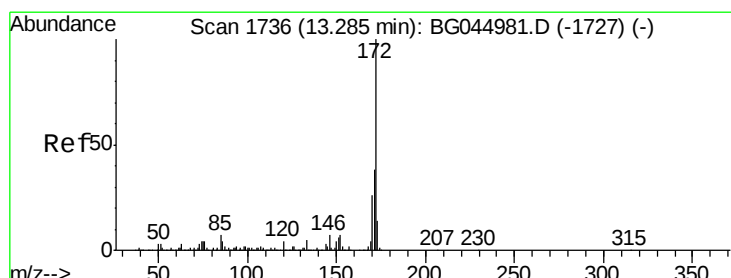
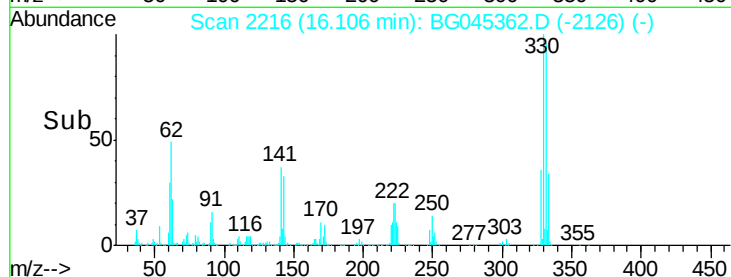
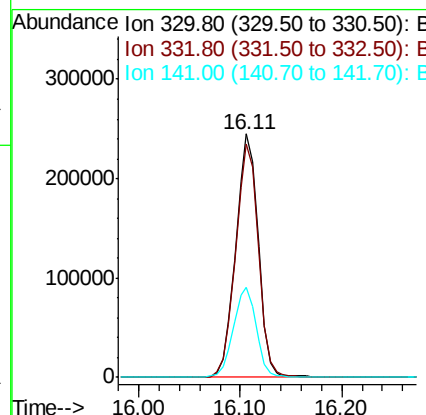
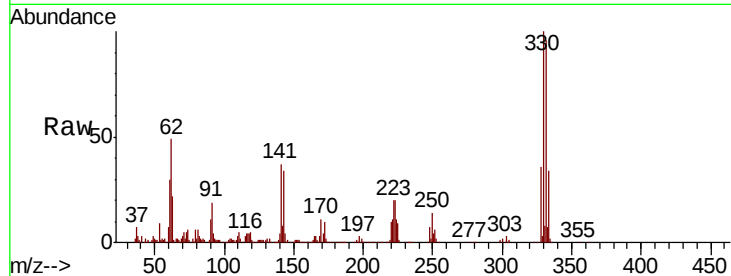




#42  
 2,4,6-Tribromophenol  
 Concen: 123.339 ng  
 RT: 16.11 min Scan# 2216  
 Delta R.T. -0.00 min  
 Lab File: BG045362.D  
 Acq: 13 May 2020 14:54

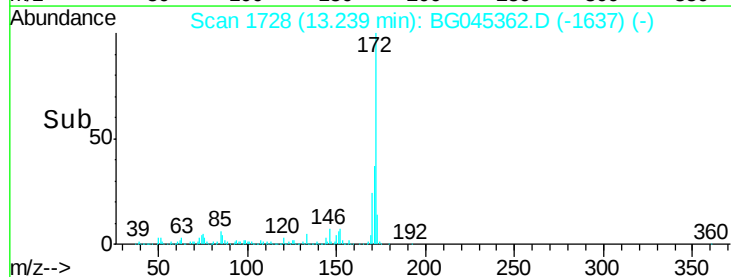
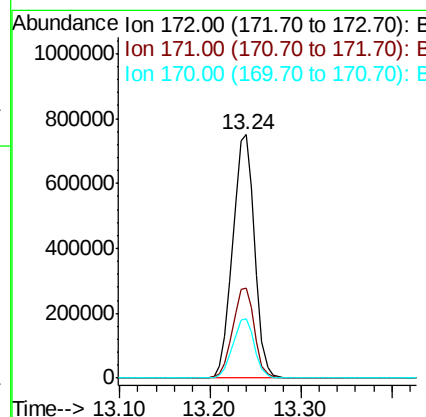
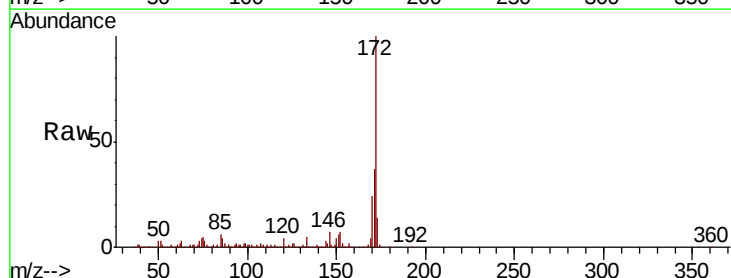
Instrument :  
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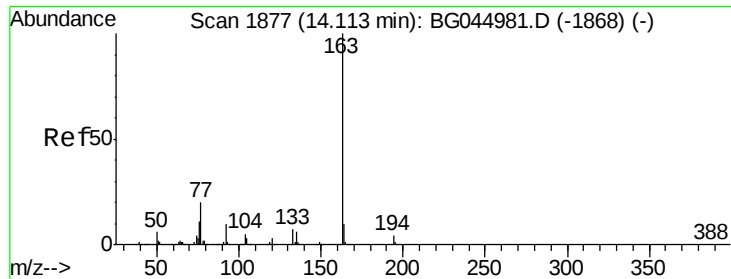
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.5  | 79.1  | 118.7 |
| 141     | 36.5  | 27.1  | 40.7  |



#45  
 2-Fluorobiphenyl  
 Concen: 93.285 ng  
 RT: 13.24 min Scan# 1728  
 Delta R.T. 0.00 min  
 Lab File: BG045362.D  
 Acq: 13 May 2020 14:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.9  | 30.6  | 46.0  |
| 170     | 24.3  | 20.5  | 30.7  |

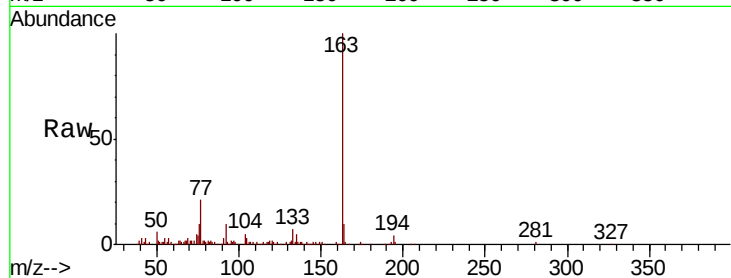




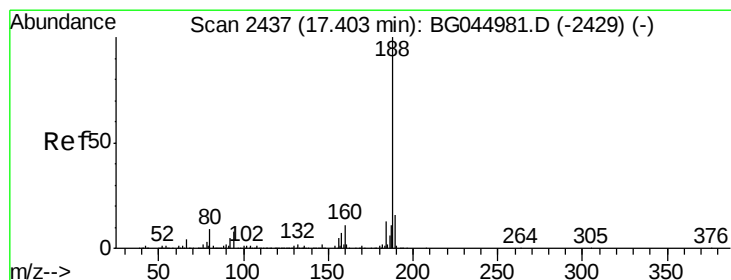
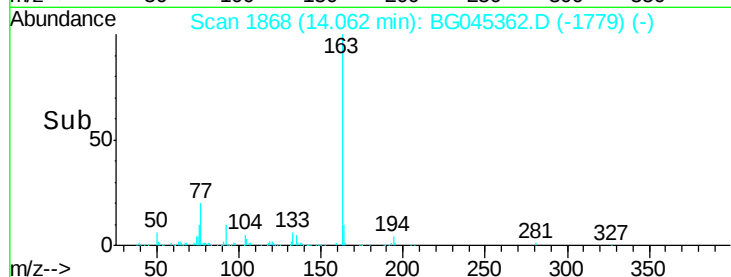
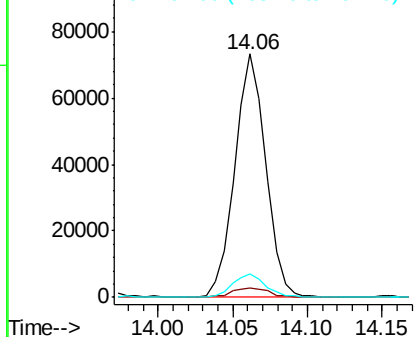
#50  
Dimethylphthalate  
Concen: 6.564 ng  
RT: 14.06 min Scan# 1868  
Delta R.T. -0.01 min  
Lab File: BG045362.D  
Acq: 13 May 2020 14:54

Instrument :  
BNA\_G  
ClientSampleId :  
OIL-WATER-SEPARATOR

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 3.7   | 3.5   | 5.3   |
| 164     | 9.7   | 8.2   | 12.4  |

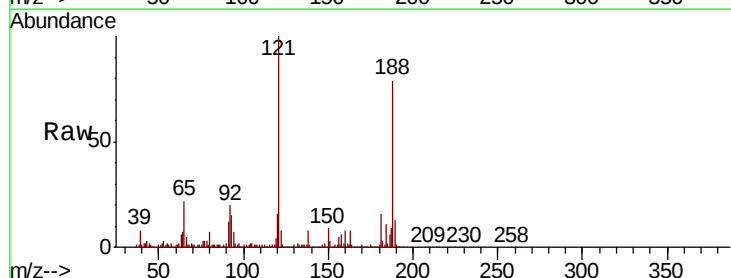


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

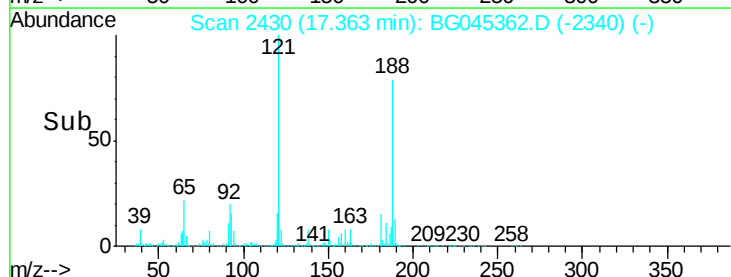
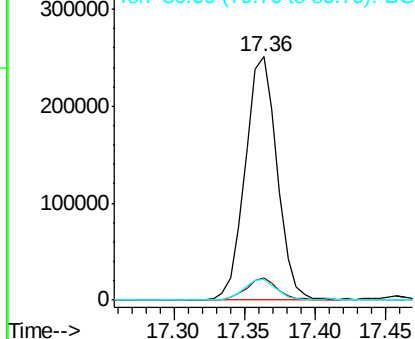


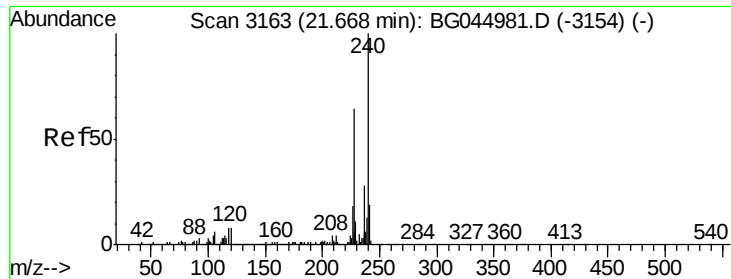
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.36 min Scan# 2430  
Delta R.T. -0.00 min  
Lab File: BG045362.D  
Acq: 13 May 2020 14:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 9.3   | 6.2   | 9.4   |
| 80      | 8.8   | 7.0   | 10.6  |



Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BGC  
Ion 80.00 (79.70 to 80.70): BGC

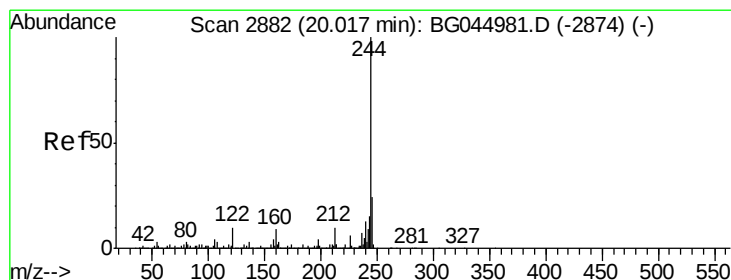
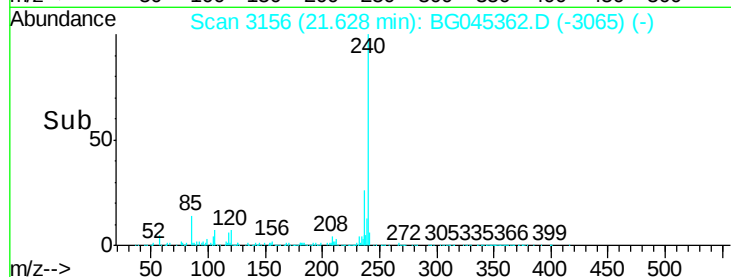
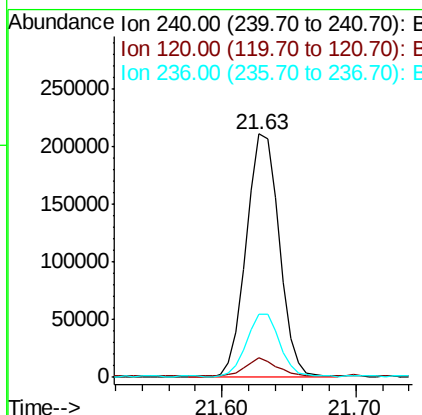
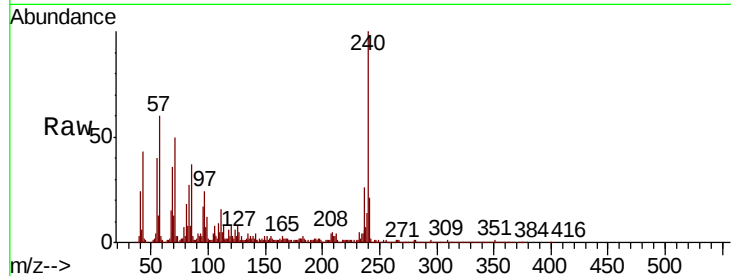




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.63 min Scan# 3156  
Delta R.T. 0.00 min  
Lab File: BG045362.D  
Acq: 13 May 2020 14:54

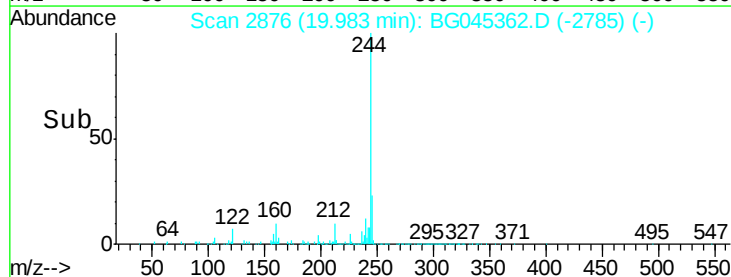
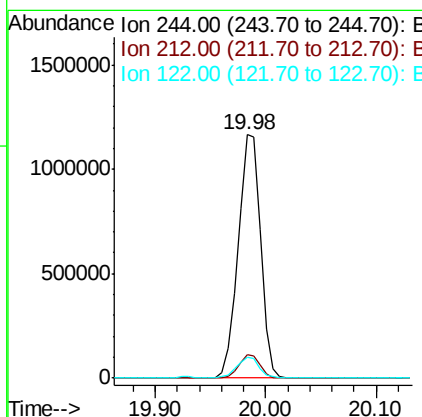
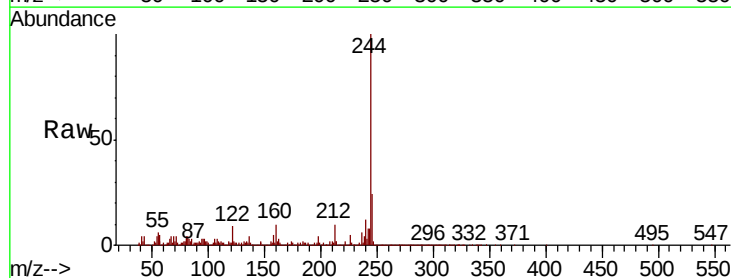
Instrument :  
BNA\_G  
ClientSampleId :  
OIL-WATER-SEPARATOR

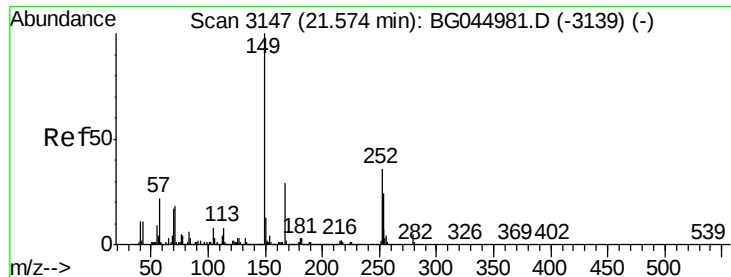
Tot Ion:240 Resp: 358836  
Ion Ratio Lower Upper  
240 100  
120 8.0 6.6 10.0  
236 26.0 22.2 33.2



#79  
Terphenyl-d14  
Concen: 101.450 ng  
RT: 19.98 min Scan# 2876  
Delta R.T. 0.00 min  
Lab File: BG045362.D  
Acq: 13 May 2020 14:54

Tgt Ion:244 Resp: 1670240  
Ion Ratio Lower Upper  
244 100  
212 9.6 7.9 11.9  
122 8.8 7.7 11.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 6.339 ng

RT: 21.53 min Scan# 3139

Delta R.T. 0.01 min

Lab File: BG045362.D

Acq: 13 May 2020 14:54

Instrument :

BNA\_G

ClientSampleId :

OIL-WATER-SEPARATOR

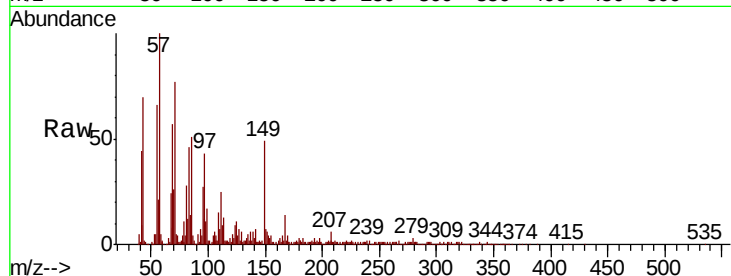
Tot Ion:149 Resp: 89400

Ion Ratio Lower Upper

149 100

167 28.6 23.4 35.0

279 5.5 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

80000

60000

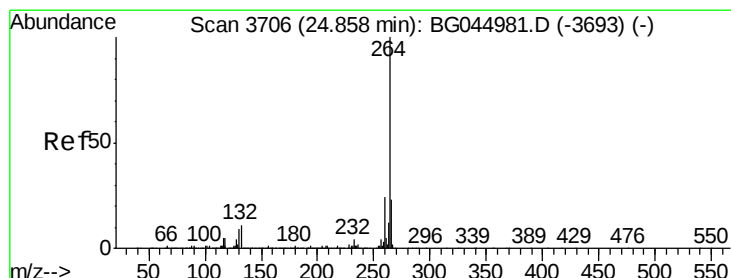
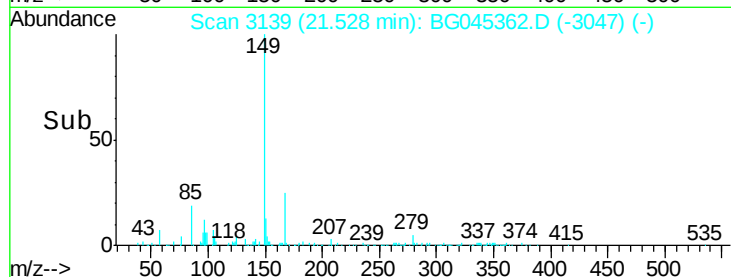
40000

20000

0

21.50 21.55

Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.81 min Scan# 3698

Delta R.T. 0.03 min

Lab File: BG045362.D

Acq: 13 May 2020 14:54

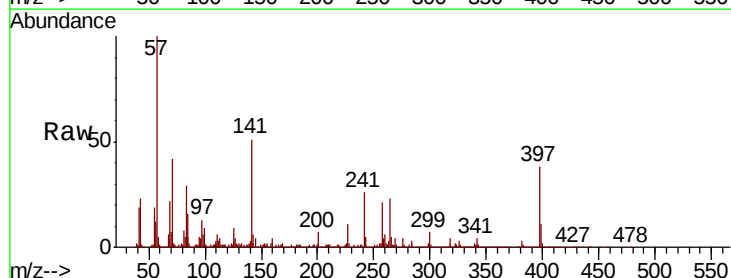
Tgt Ion:264 Resp: 396178

Ion Ratio Lower Upper

264 100

260 25.1 19.2 28.8

265 21.6 19.0 28.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

150000

100000

50000

0

24.70 24.80 24.90

Time-->

