

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA\_G\DATA\BG011718\  
 Data File : BG032113.D  
 Acq On : 17 Jan 2018 22:58  
 Operator : SJ/JU  
 Sample : J1166-02  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 18A-11

Quant Time: Jan 18 06:40:48 2018  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG011218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 15 10:05:15 2018  
 Response via : Initial Calibration

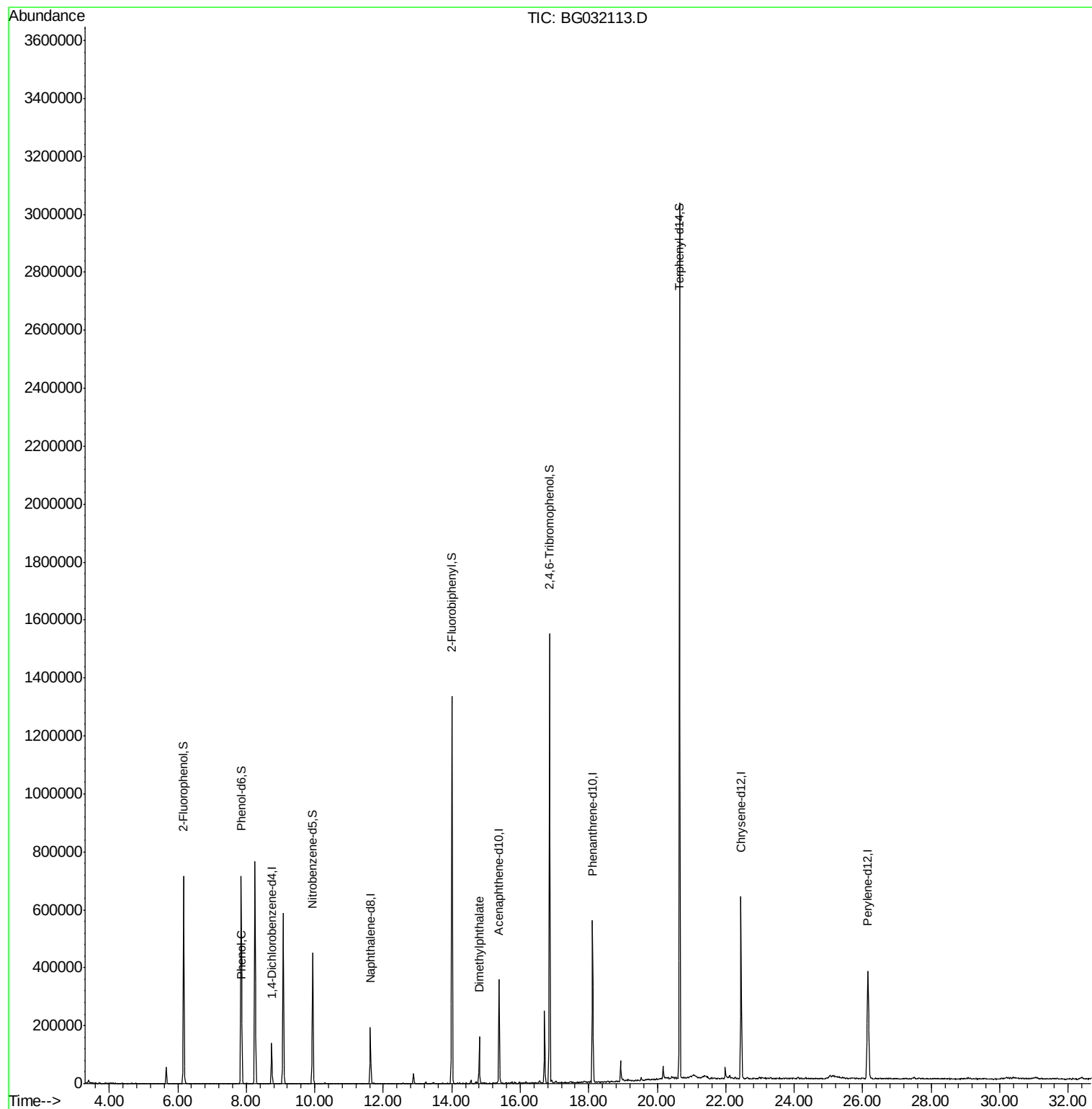
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 8.75  | 152  | 48542    | 20.00  | ng    | -0.03    |
| 21) Naphthalene-d8          | 11.62 | 136  | 191413   | 20.00  | ng    | -0.04    |
| 38) Acenaphthene-d10        | 15.38 | 164  | 136889   | 20.00  | ng    | -0.02    |
| 63) Phenanthrene-d10        | 18.11 | 188  | 375123   | 20.00  | ng    | -0.03    |
| 75) Chrysene-d12            | 22.45 | 240  | 475973   | 20.00  | ng    | -0.04    |
| 86) Perylene-d12            | 26.15 | 264  | 507743   | 20.00  | ng    | -0.06    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 6.17  | 112  | 368144   | 138.71 | ng    | -0.02    |
| 7) Phenol-d6                | 7.85  | 99   | 474807   | 142.04 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 9.94  | 82   | 280993   | 99.32  | ng    | -0.04    |
| 41) 2,4,6-Tribromophenol    | 16.85 | 330  | 351304   | 155.09 | ng    | -0.02    |
| 44) 2-Fluorobiphenyl        | 14.00 | 172  | 813737   | 73.71  | ng    | -0.03    |
| 78) Terphenyl-d14           | 20.65 | 244  | 1567063  | 72.70  | ng    | -0.02    |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 7.88  | 94   | 19891    | 6.041  | ng    | 94       |
| 49) Dimethylphthalate       | 14.80 | 163  | 119225   | 9.953  | ng    | 99       |

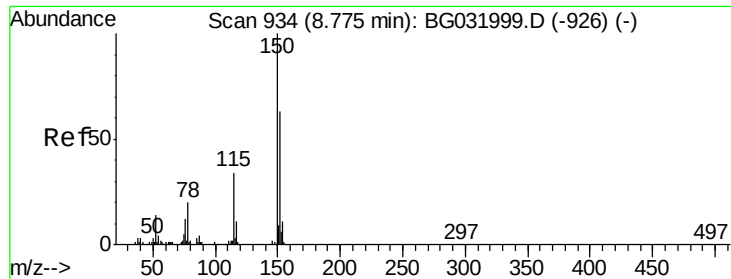
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA\_G\DATA\BG011718\  
Data File : BG032113.D  
Acq On : 17 Jan 2018 22:58  
Operator : SJ/JU  
Sample : J1166-02  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
18A-11

Quant Time: Jan 18 06:40:48 2018  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG011218.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jan 15 10:05:15 2018  
Response via : Initial Calibration



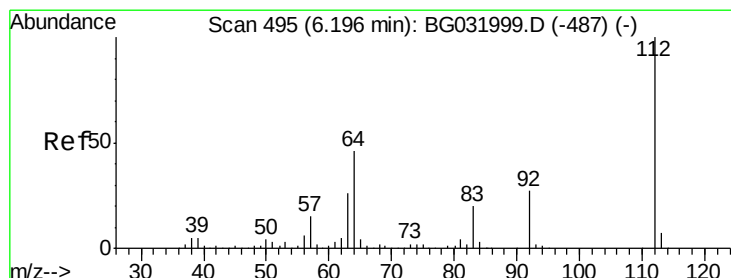
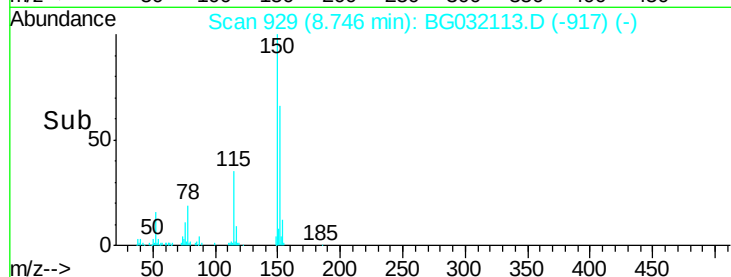
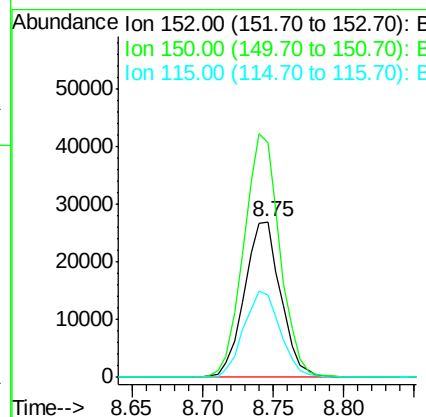
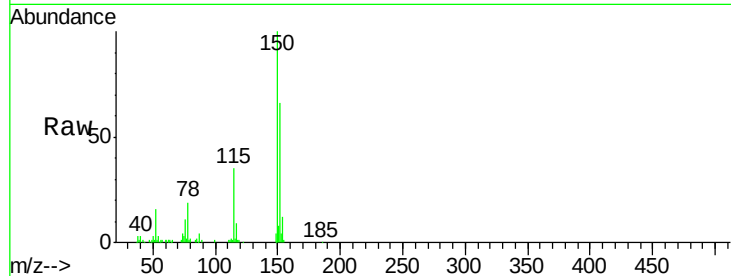


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.75 min Scan# 929  
Delta R.T. -0.03 min  
Lab File: BG032113.D  
Acq: 17 Jan 2018 22:58

Instrument :  
BNA\_G  
ClientSampleId :  
18A-11

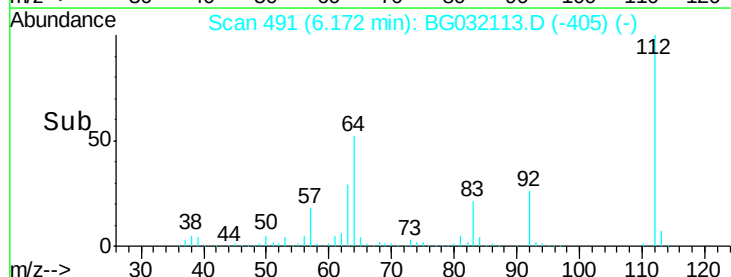
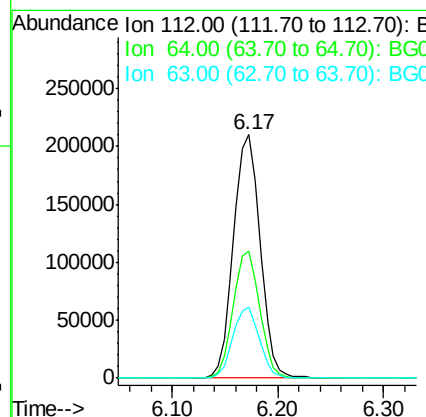
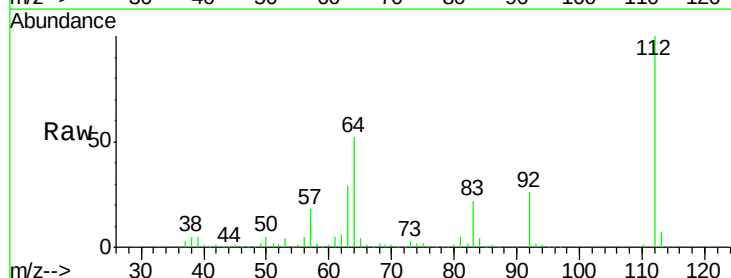
Tgt Ion:152 Resp: 48542  
Ion Ratio Lower Upper  
152 100  
150 150.5 126.6 189.8  
115 52.7 53.0 79.4#

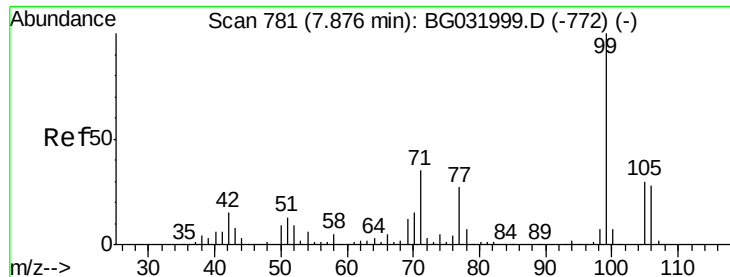


#5

2-Fluorophenol  
Concen: 138.707 ng  
RT: 6.17 min Scan# 491  
Delta R.T. -0.02 min  
Lab File: BG032113.D  
Acq: 17 Jan 2018 22:58

Tgt Ion:112 Resp: 368144  
Ion Ratio Lower Upper  
112 100  
64 52.4 56.3 84.5#  
63 28.9 30.1 45.1#





#7

Phenol-d6

Concen: 142.043 ng

RT: 7.85 min Scan# 777

Delta R.T. -0.02 min

Lab File: BG032113.D

Acq: 17 Jan 2018 22:58

Instrument :

BNA\_G

ClientSampleId :

18A-11

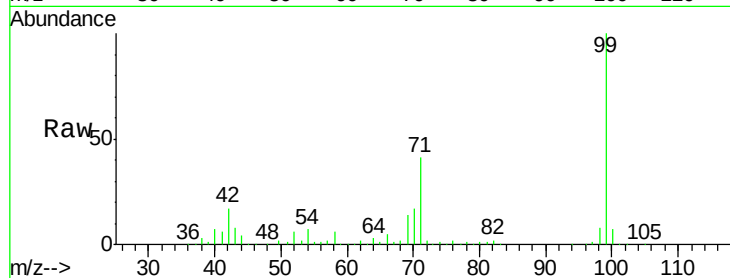
Tgt Ion: 99 Resp: 474807

Ion Ratio Lower Upper

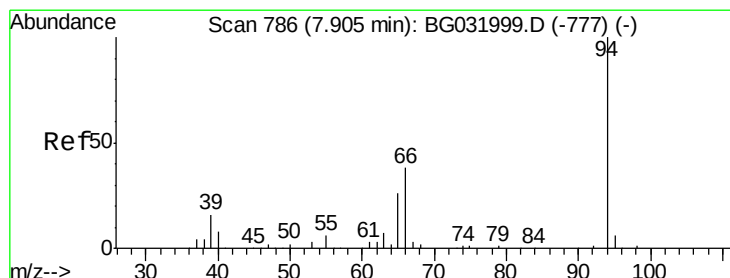
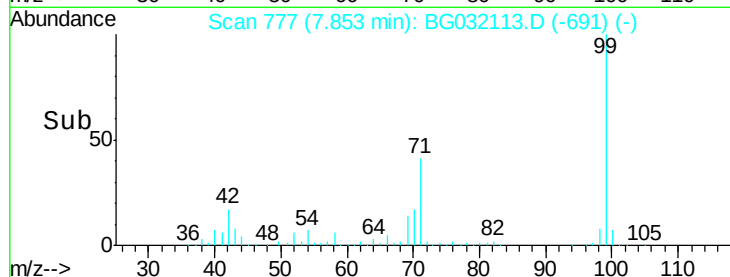
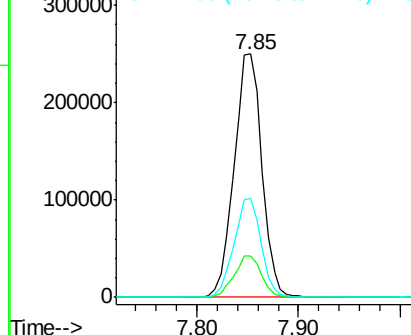
99 100

42 17.2 14.1 21.1

71 40.7 26.1 39.1#



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



#10

Phenol

Concen: 6.041 ng

RT: 7.88 min Scan# 781

Delta R.T. -0.03 min

Lab File: BG032113.D

Acq: 17 Jan 2018 22:58

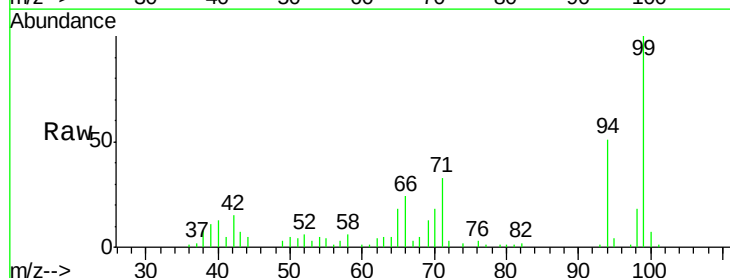
Tgt Ion: 94 Resp: 19891

Ion Ratio Lower Upper

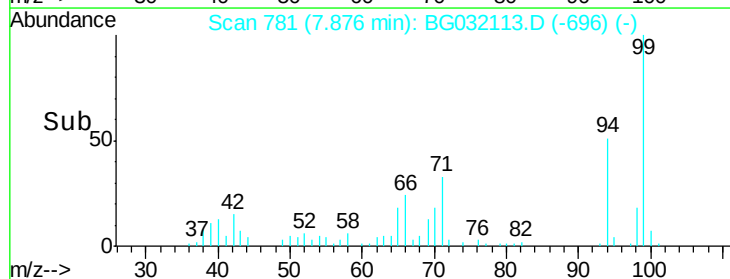
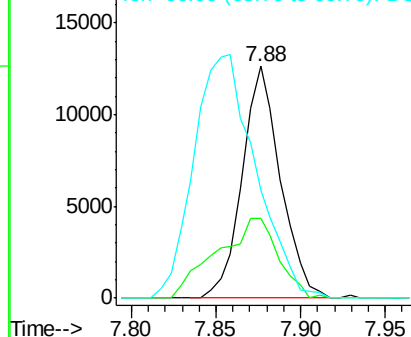
94 100

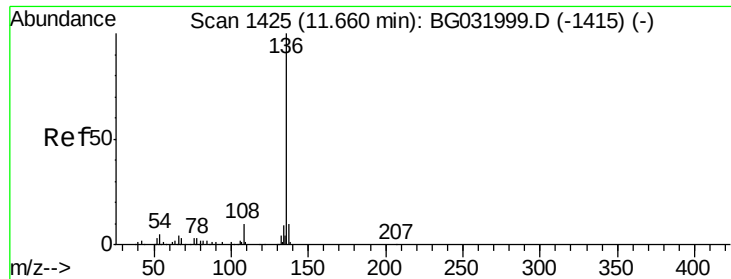
65 34.7 11.9 51.9

66 46.5 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC

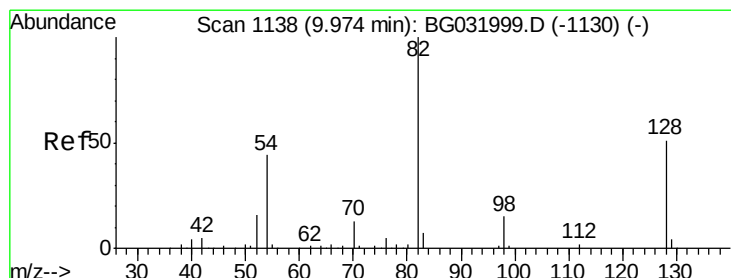
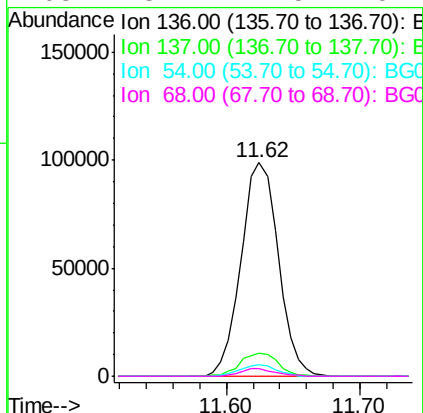
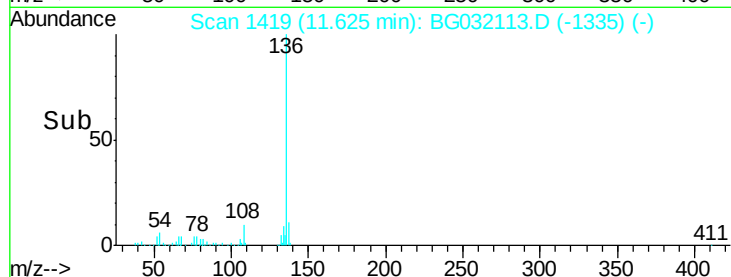
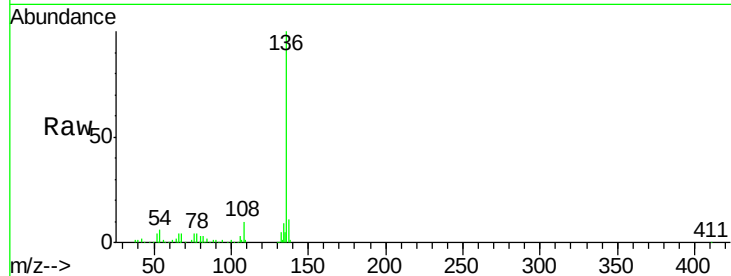




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.62 min Scan# 1419  
Delta R.T. -0.04 min  
Lab File: BG032113.D  
Acq: 17 Jan 2018 22:58

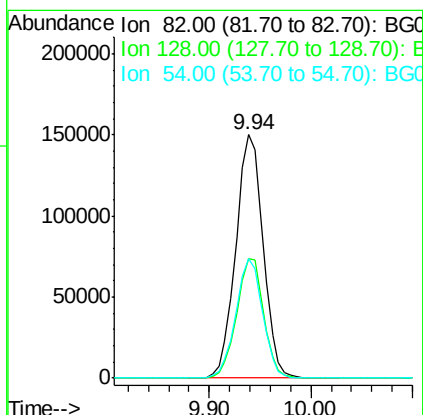
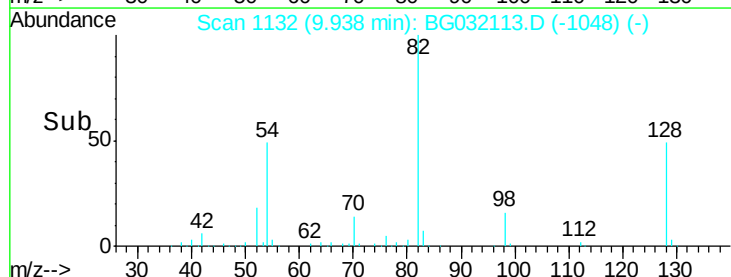
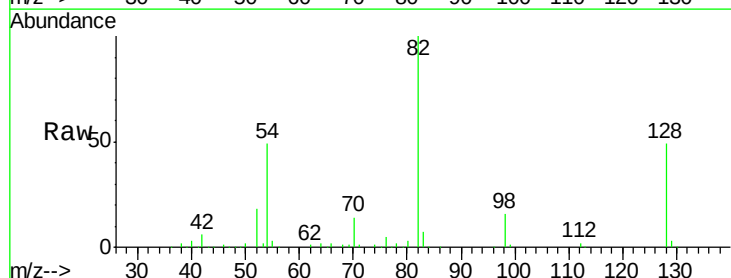
Instrument :  
BNA\_G  
ClientSampleId :  
18A-11

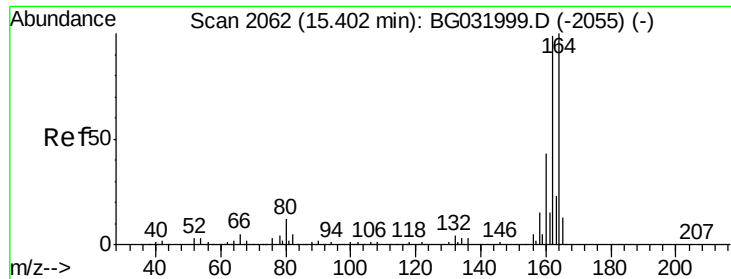
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 191413 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.9  | 9.2   | 13.8   |
| 54       | 5.6   | 10.3  | 15.5#  |
| 68       | 3.7   | 4.5   | 6.7#   |



#23  
Nitrobenzene-d5  
Concen: 99.316 ng  
RT: 9.94 min Scan# 1132  
Delta R.T. -0.04 min  
Lab File: BG032113.D  
Acq: 17 Jan 2018 22:58

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 280993 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 49.2  | 29.7  | 44.5#  |
| 54       | 48.9  | 43.1  | 64.7   |





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.38 min Scan# 2058

Delta R.T. -0.02 min

Lab File: BG032113.D

Acq: 17 Jan 2018 22:58

Instrument :

BNA\_G

ClientSampleId :

18A-11

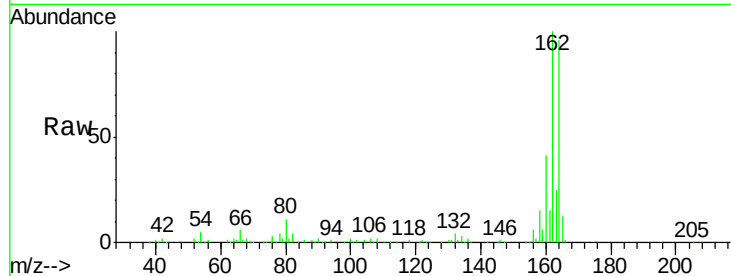
Tgt Ion:164 Resp: 136889

Ion Ratio Lower Upper

164 100

162 104.2 78.8 118.2

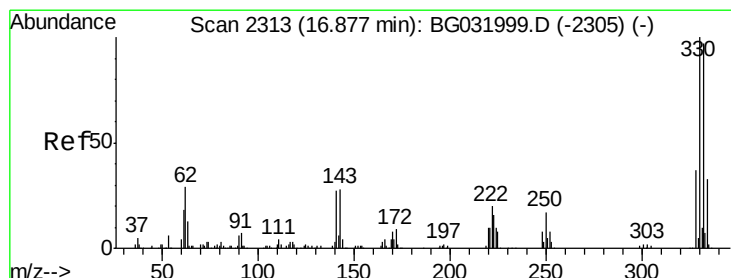
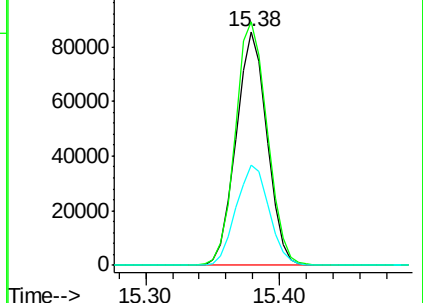
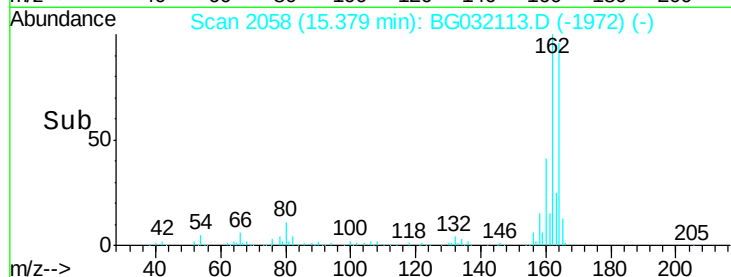
160 43.1 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 155.088 ng

RT: 16.85 min Scan# 2309

Delta R.T. -0.02 min

Lab File: BG032113.D

Acq: 17 Jan 2018 22:58

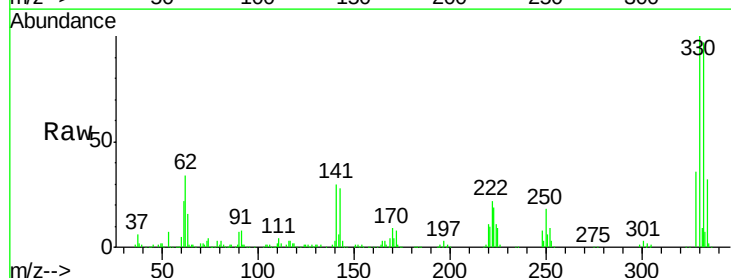
Tgt Ion:330 Resp: 351304

Ion Ratio Lower Upper

330 100

332 97.3 77.0 115.6

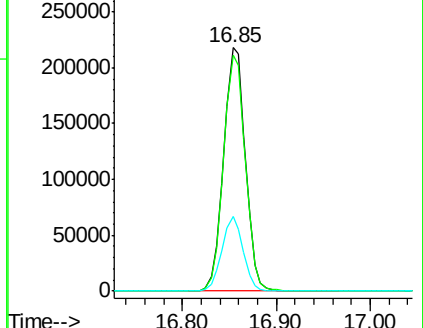
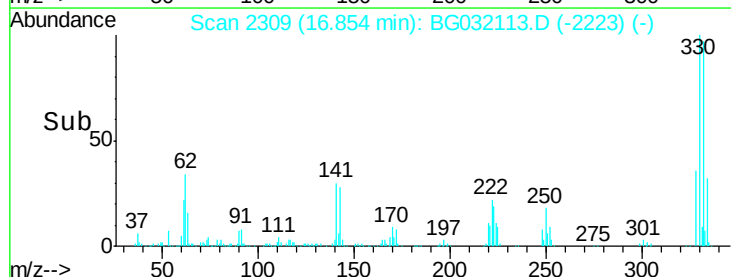
141 29.9 25.2 37.8

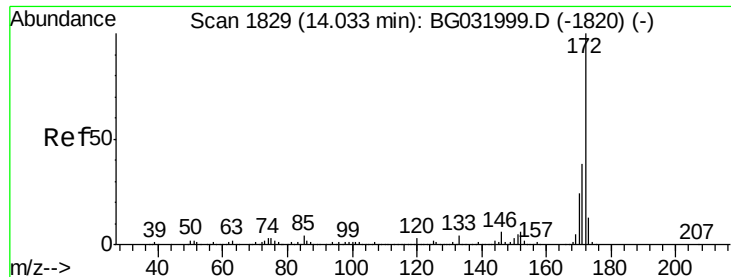


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

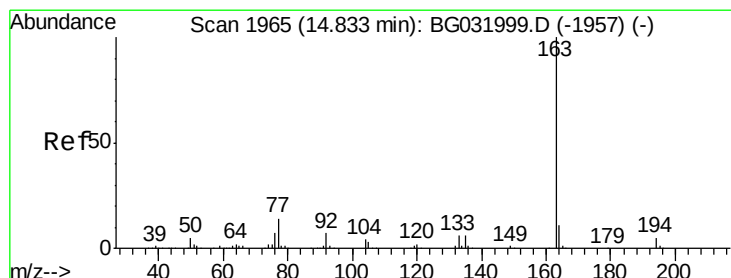
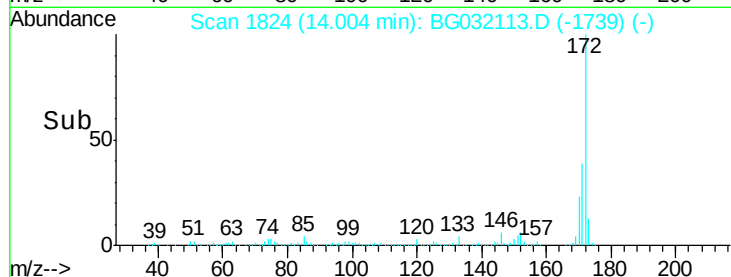
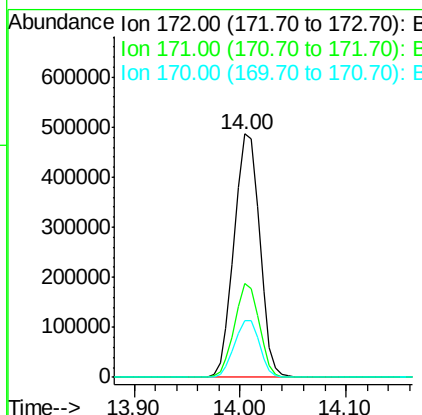
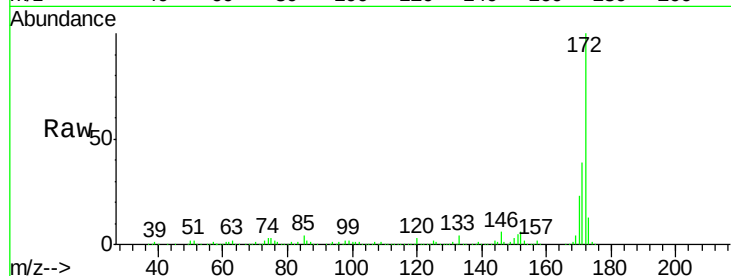




#44  
2-Fluorobiphenyl  
Concen: 73.709 ng  
RT: 14.00 min Scan# 1824  
Delta R.T. -0.03 min  
Lab File: BG032113.D  
Acq: 17 Jan 2018 22:58

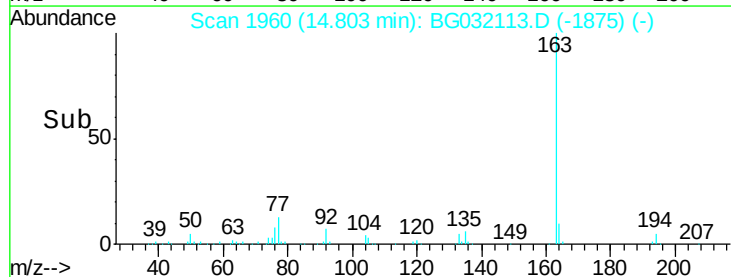
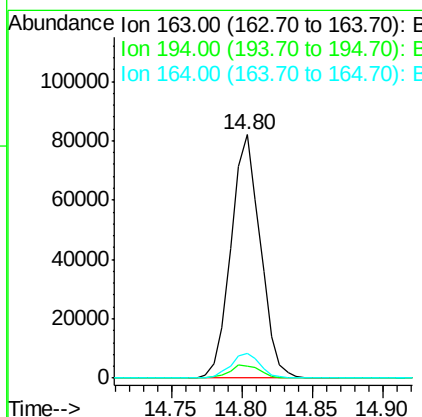
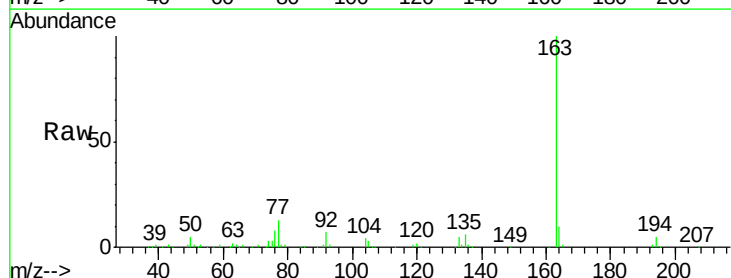
Instrument :  
BNA\_G  
ClientSampleId :  
18A-11

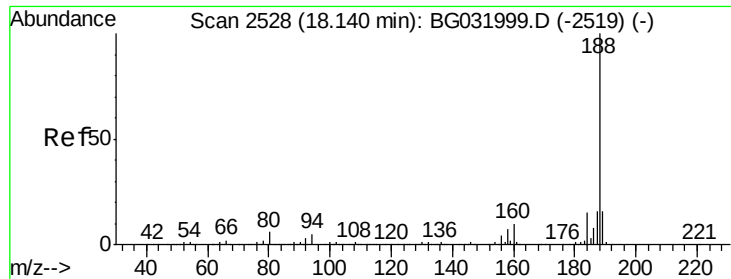
Tgt Ion:172 Resp: 813737  
Ion Ratio Lower Upper  
172 100  
171 38.6 30.0 45.0  
170 23.3 19.5 29.3



#49  
Dimethylphthalate  
Concen: 9.953 ng  
RT: 14.80 min Scan# 1960  
Delta R.T. -0.03 min  
Lab File: BG032113.D  
Acq: 17 Jan 2018 22:58

Tgt Ion:163 Resp: 119225  
Ion Ratio Lower Upper  
163 100  
194 4.7 3.4 5.2  
164 10.0 8.2 12.4

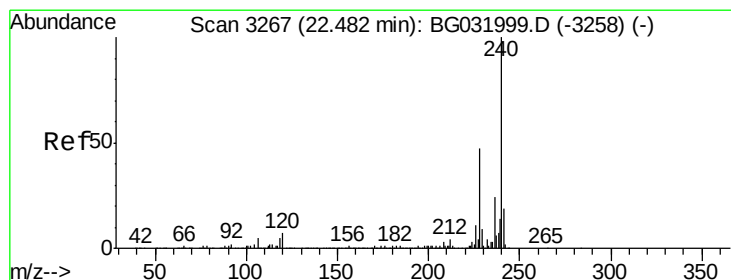
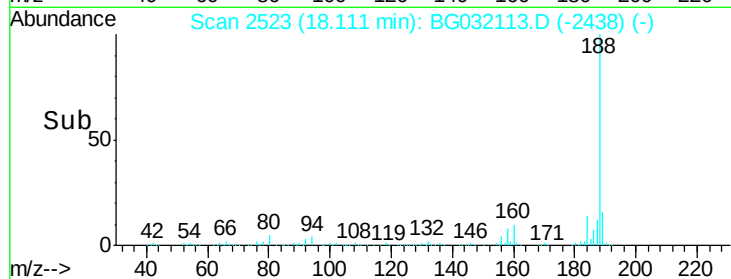
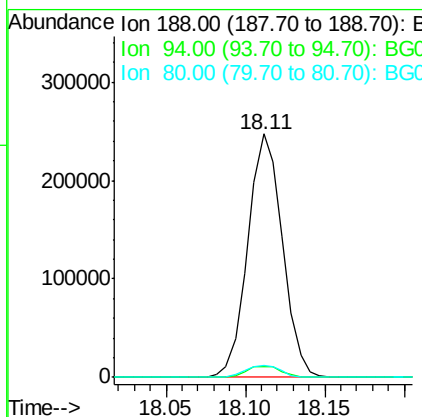
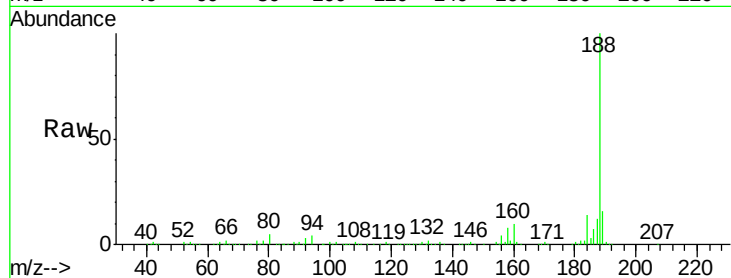




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 18.11 min Scan# 2523  
Delta R.T. -0.03 min  
Lab File: BG032113.D  
Acq: 17 Jan 2018 22:58

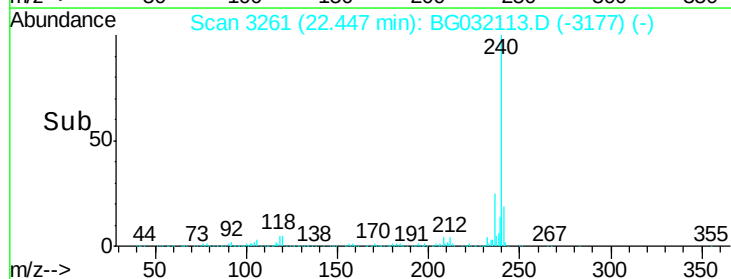
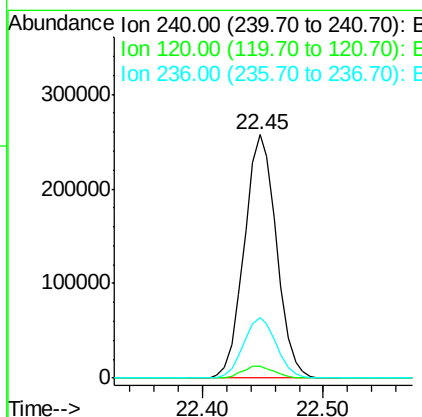
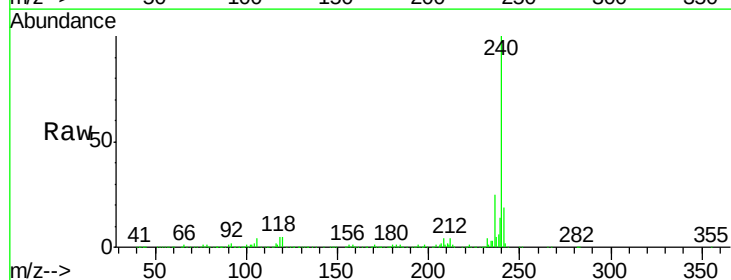
Instrument :  
BNA\_G  
ClientSampleId :  
18A-11

Tgt Ion:188 Resp: 375123  
Ion Ratio Lower Upper  
188 100  
94 4.4 6.9 10.3#  
80 5.1 7.7 11.5#

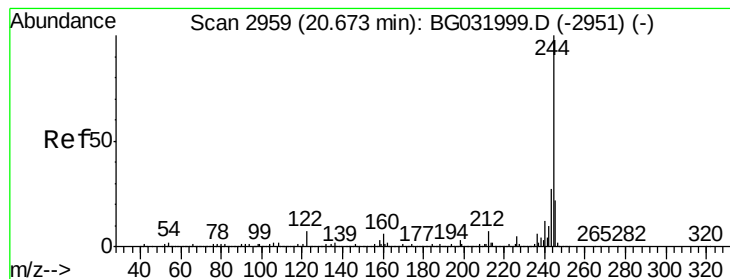


#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 22.45 min Scan# 3261  
Delta R.T. -0.04 min  
Lab File: BG032113.D  
Acq: 17 Jan 2018 22:58

Tgt Ion:240 Resp: 475973  
Ion Ratio Lower Upper  
240 100  
120 5.0 6.8 10.2#  
236 25.1 20.9 31.3







#78

Terphenyl-d14

Concen: 72.696 ng

RT: 20.65 min Scan# 2955

Delta R.T. -0.02 min

Lab File: BG032113.D

Acq: 17 Jan 2018 22:58

Instrument :

BNA\_G

ClientSampleId :

18A-11

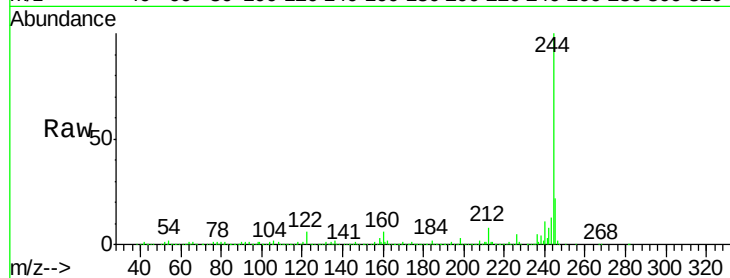
Tgt Ion:244 Resp: 1567063

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

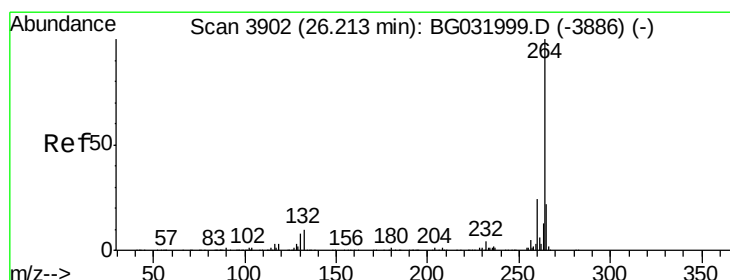
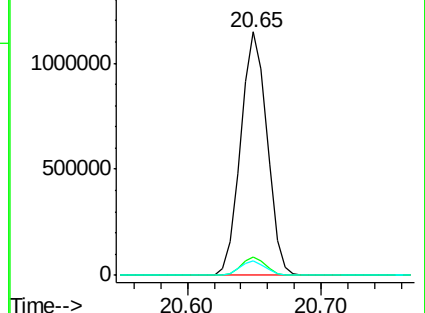
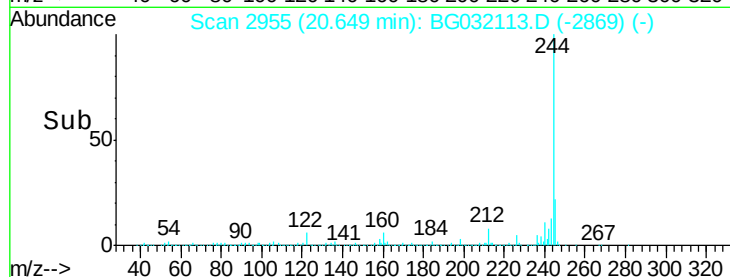
122 6.2 7.0 10.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.15 min Scan# 3892

Delta R.T. -0.06 min

Lab File: BG032113.D

Acq: 17 Jan 2018 22:58

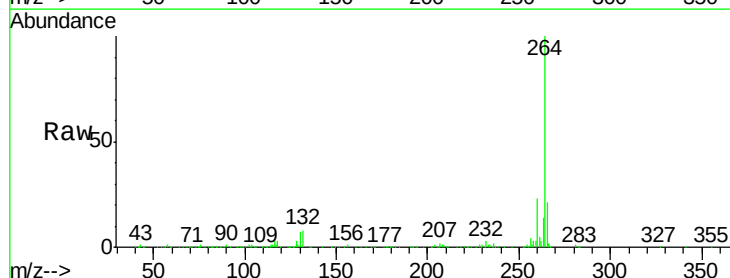
Tgt Ion:264 Resp: 507743

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 21.2 17.7 26.5



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

