

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042018\  
 Data File : BG033886.D  
 Acq On : 20 Apr 2018 15:02  
 Operator : SJ/JU  
 Sample : J2448-02  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EPE-118-1(5-10)

Quant Time: Apr 21 05:30:55 2018  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 19 13:56:22 2018  
 Response via : Initial Calibration

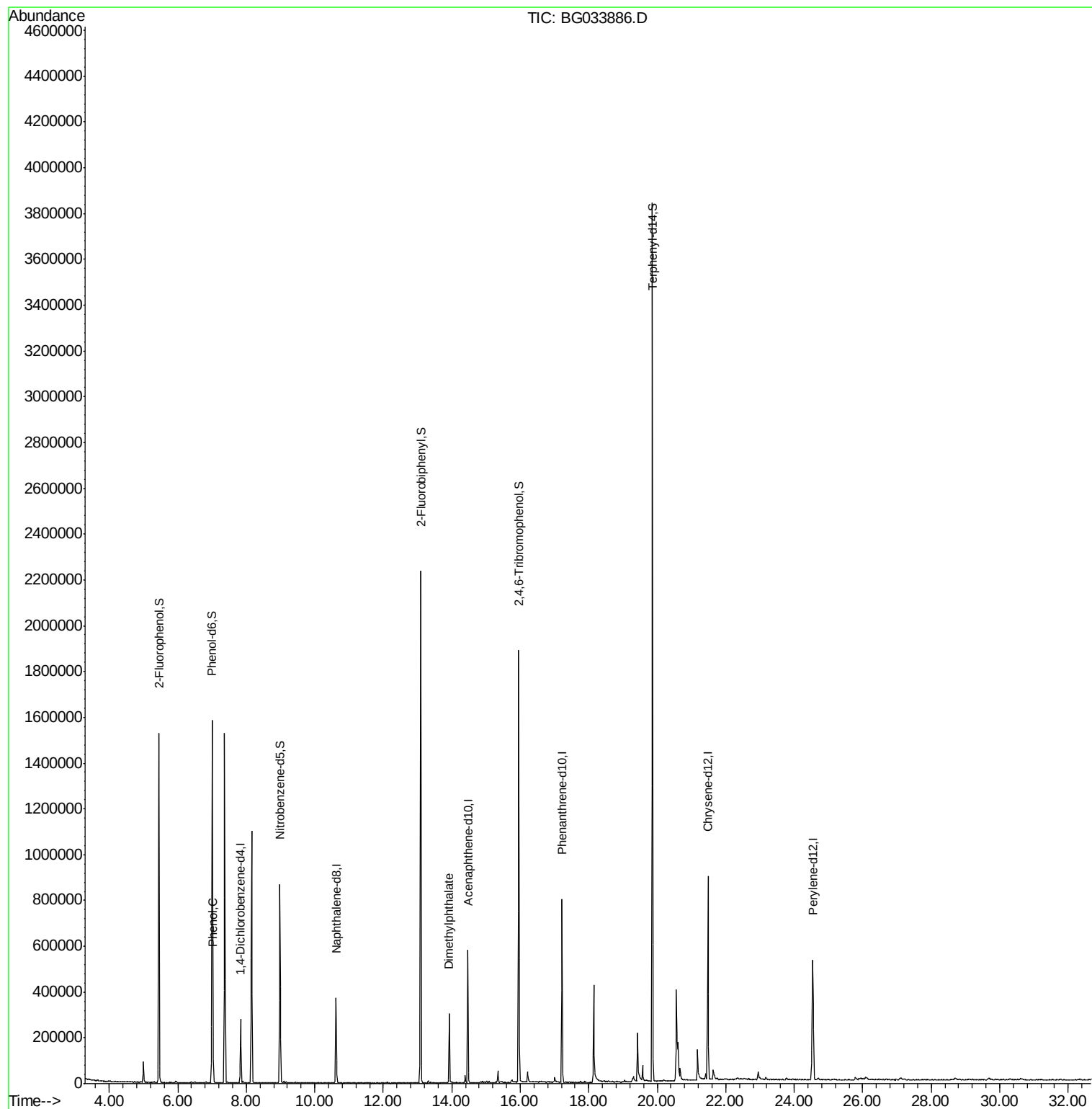
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.83  | 152  | 73945    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.62 | 136  | 311644   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 14.47 | 164  | 196868   | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 17.22 | 188  | 481094   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 21.48 | 240  | 519814   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12            | 24.54 | 264  | 527961   | 20.00  | ng    | -0.02    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.45  | 112  | 643338   | 138.90 | ng    | 0.00     |
| 7) Phenol-d6                | 7.01  | 99   | 851517   | 126.05 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.99  | 82   | 513298   | 93.73  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 15.96 | 330  | 337124   | 146.78 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 13.09 | 172  | 1148315  | 85.69  | ng    | 0.00     |
| 78) Terphenyl-d14           | 19.86 | 244  | 1798610  | 77.74  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 7.03  | 94   | 44503    | 6.431  | ng    | 92       |
| 49) Dimethylphthalate       | 13.93 | 163  | 192766   | 11.131 | ng    | 100      |

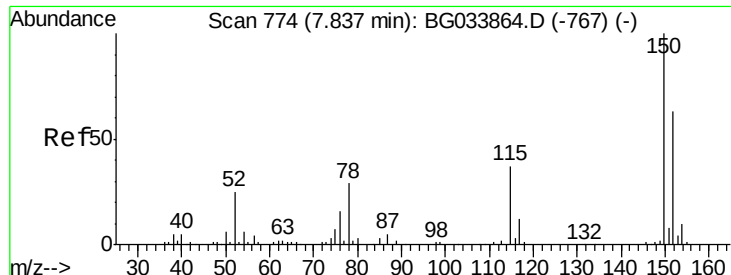
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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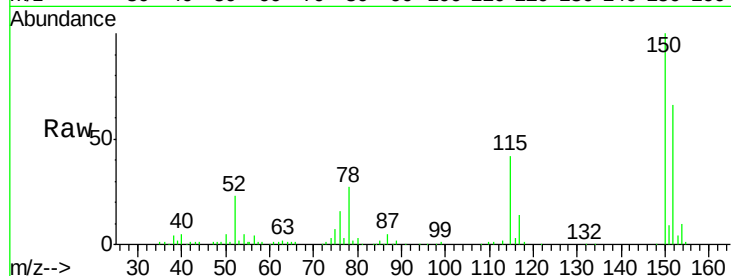


#1

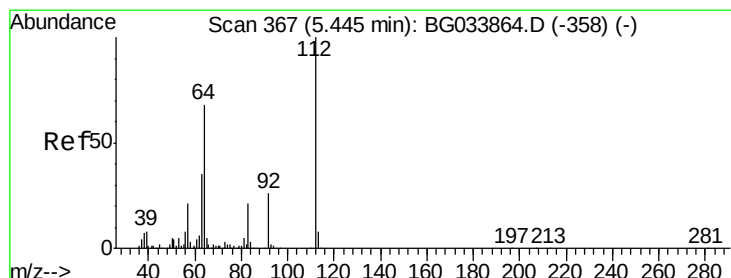
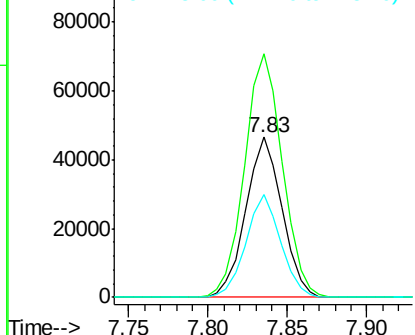
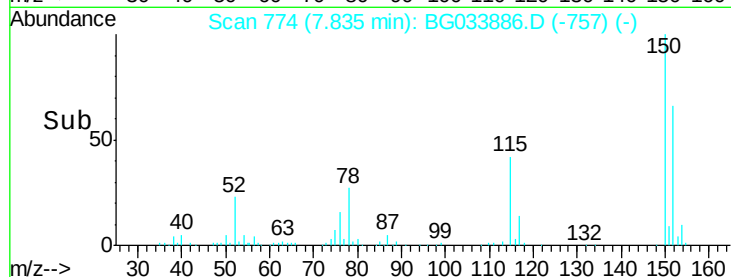
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.83 min Scan# 774  
Delta R.T. -0.00 min  
Lab File: BG033886.D  
Acq: 20 Apr 2018 15:02

Instrument :  
BNA\_G  
ClientSampleId :  
EPE-118-1(5-10)

Tot Ion:152 Resp: 73945  
Ion Ratio Lower Upper  
152 100  
150 152.0 126.6 189.8  
115 64.2 53.0 79.4



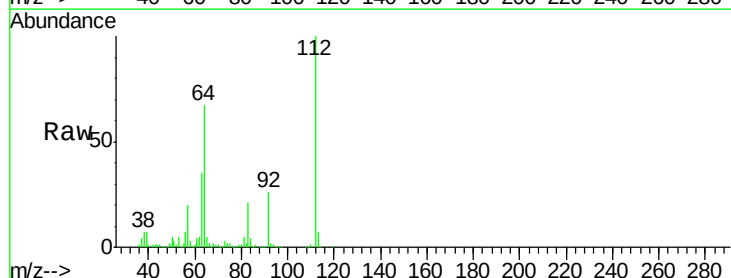
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



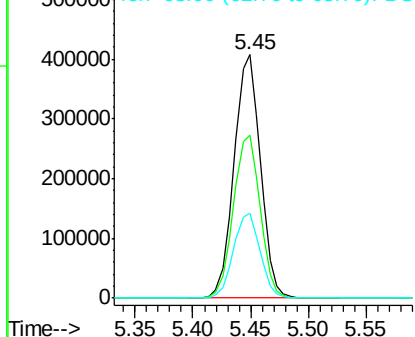
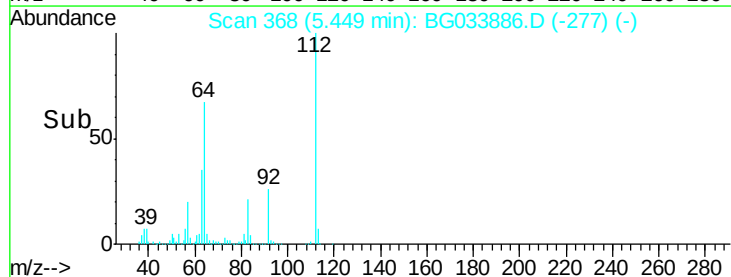
#5

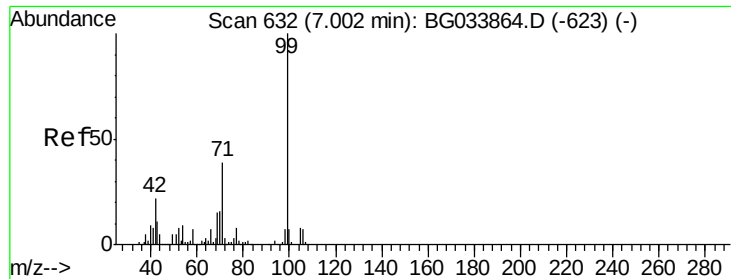
2-Fluorophenol  
Concen: 138.902 ng  
RT: 5.45 min Scan# 368  
Delta R.T. 0.00 min  
Lab File: BG033886.D  
Acq: 20 Apr 2018 15:02

Tgt Ion:112 Resp: 643338  
Ion Ratio Lower Upper  
112 100  
64 67.1 56.3 84.5  
63 34.7 30.1 45.1



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





#7

Phenol-d6

Concen: 126.049 ng

RT: 7.01 min Scan# 633

Delta R.T. 0.00 min

Lab File: BG033886.D

Acq: 20 Apr 2018 15:02

Instrument :

BNA\_G

ClientSampleId :

EPE-118-1(5-10)

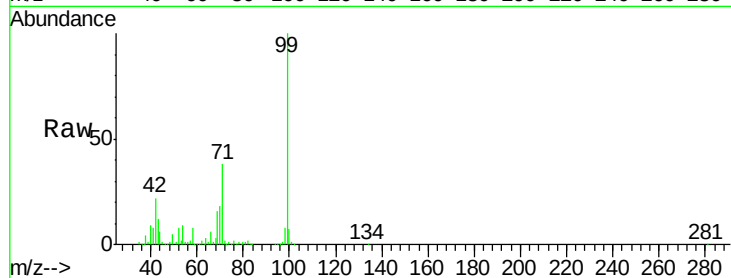
Tot Ion: 99 Resp: 851517

Ion Ratio Lower Upper

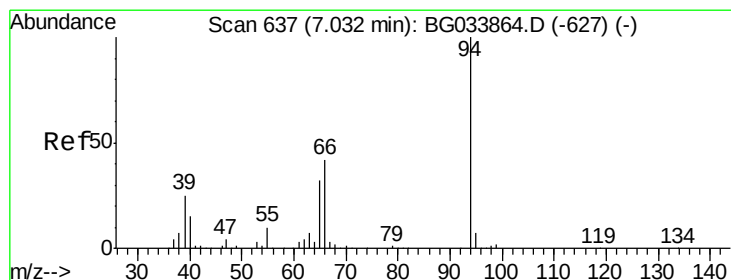
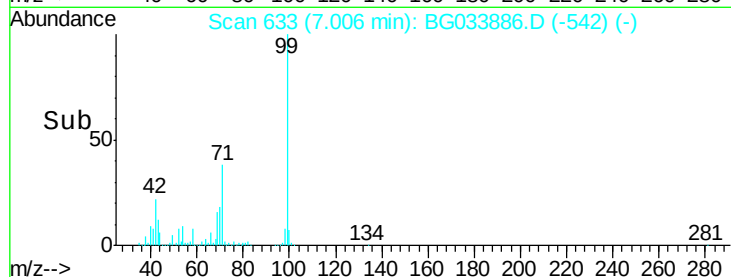
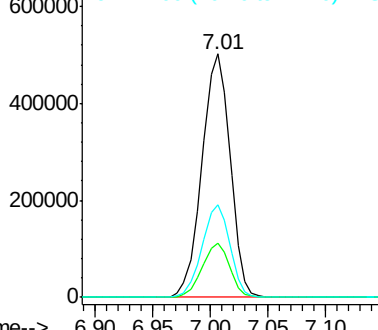
99 100

42 22.3 14.1 21.1#

71 38.0 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: 6.431 ng

RT: 7.03 min Scan# 637

Delta R.T. -0.00 min

Lab File: BG033886.D

Acq: 20 Apr 2018 15:02

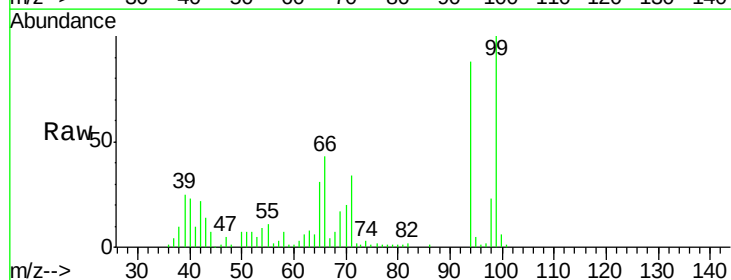
Tgt Ion: 94 Resp: 44503

Ion Ratio Lower Upper

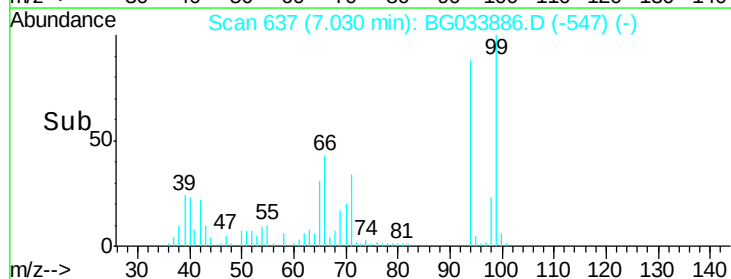
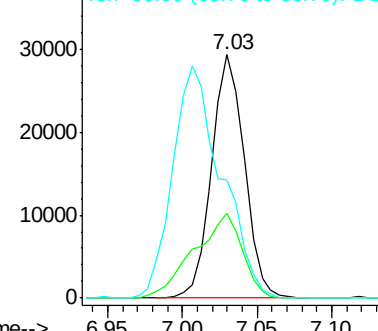
94 100

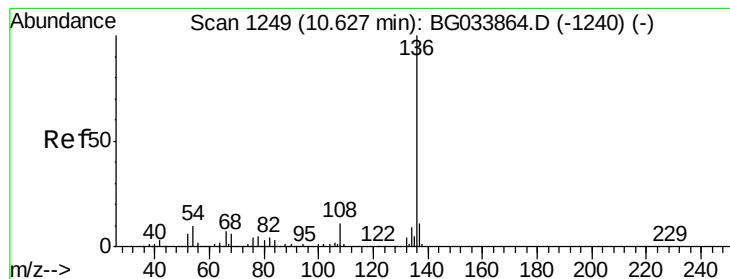
65 34.8 11.9 51.9

66 48.6 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: 10.62 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BG033886.D

Acq: 20 Apr 2018 15:02

Instrument :

BNA\_G

ClientSampleId :

EPE-118-1(5-10)

Tot Ion:136 Resp: 311644

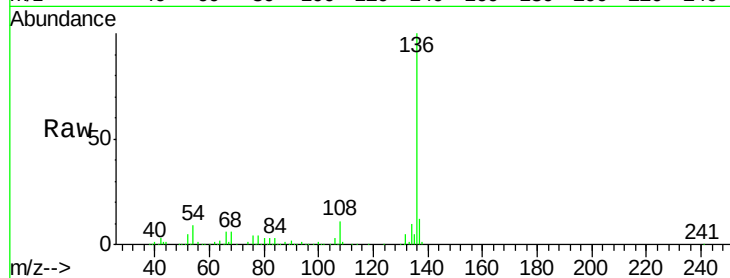
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 9.1 10.3 15.5#

68 5.7 4.5 6.7

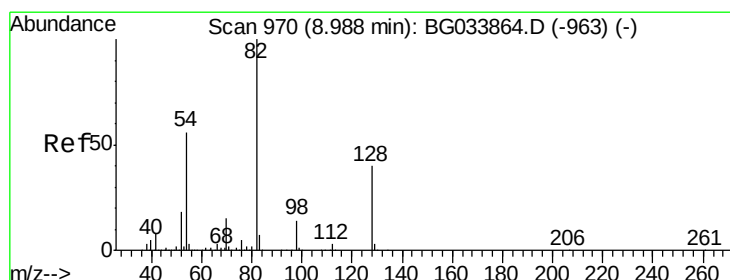
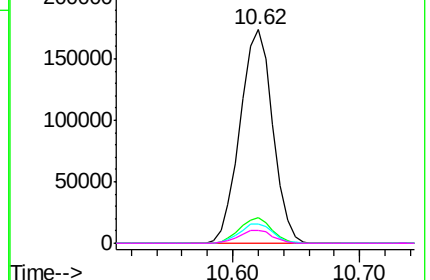
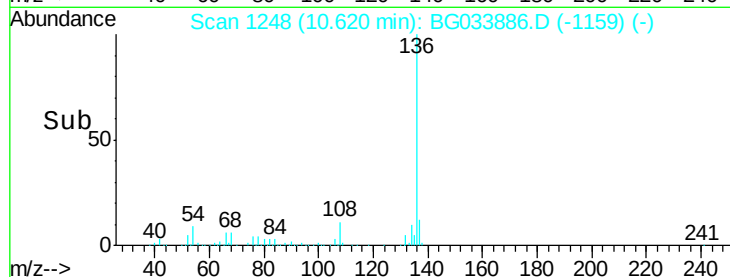


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.734 ng

RT: 8.99 min Scan# 970

Delta R.T. -0.00 min

Lab File: BG033886.D

Acq: 20 Apr 2018 15:02

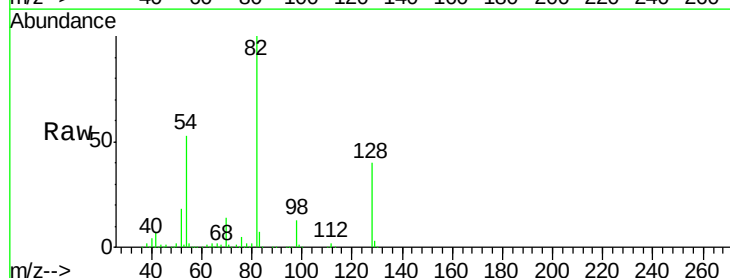
Tgt Ion: 82 Resp: 513298

Ion Ratio Lower Upper

82 100

128 40.5 29.7 44.5

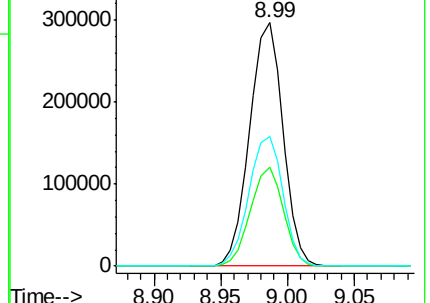
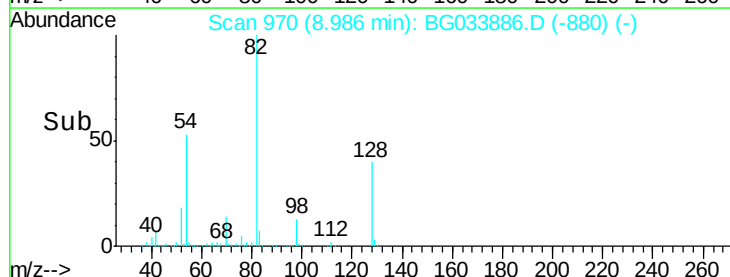
54 53.5 43.1 64.7

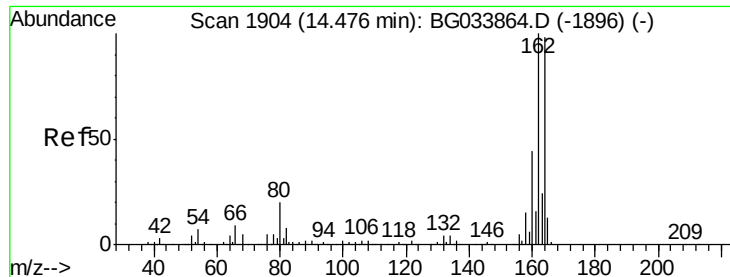


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.47 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BG033886.D

Acq: 20 Apr 2018 15:02

Instrument :

BNA\_G

ClientSampleId :

EPE-118-1(5-10)

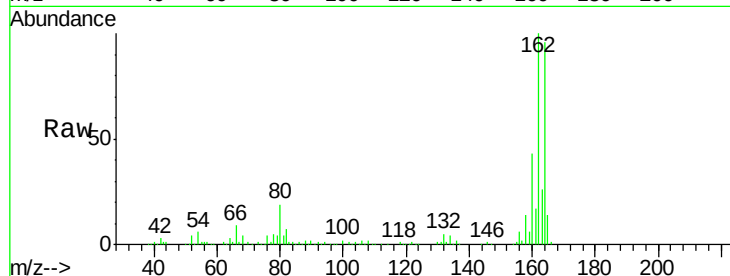
Tot Ion:164 Resp: 196868

Ion Ratio Lower Upper

164 100

162 104.4 78.8 118.2

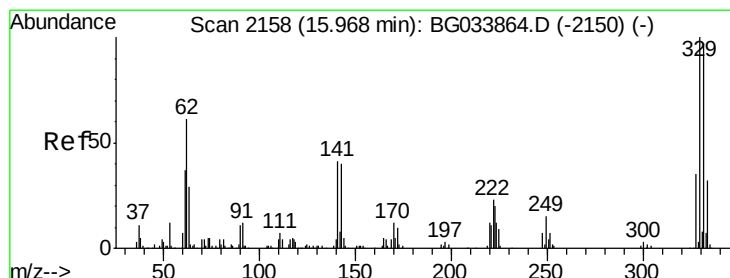
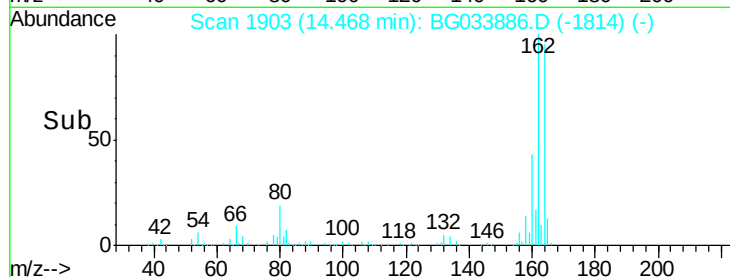
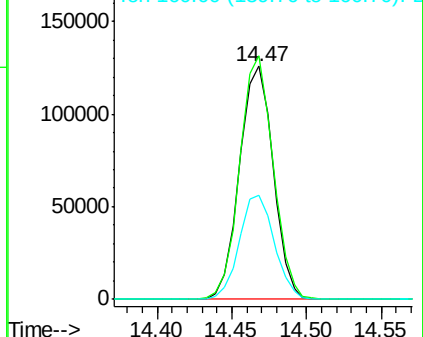
160 44.6 35.4 53.0



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: 146.781 ng

RT: 15.96 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BG033886.D

Acq: 20 Apr 2018 15:02

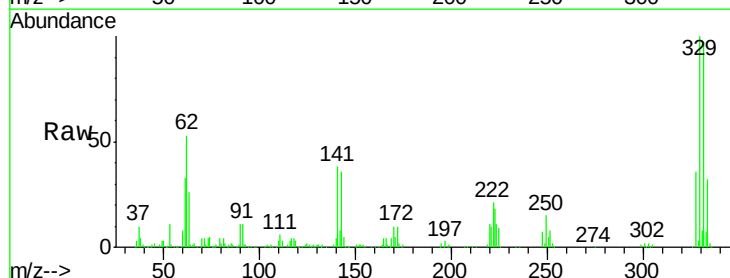
Tgt Ion:330 Resp: 337124

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

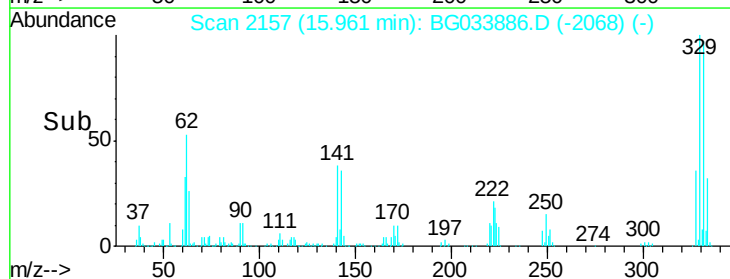
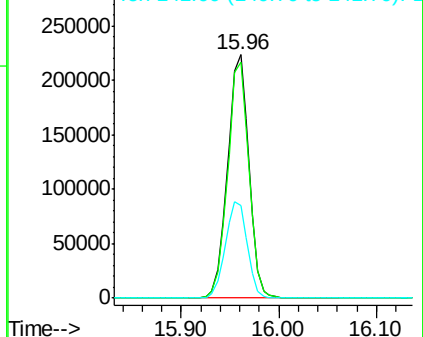
141 40.8 25.2 37.8#

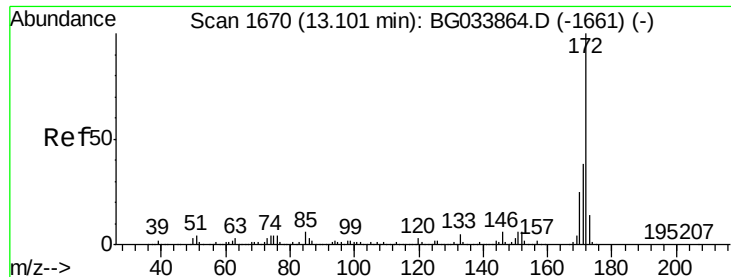


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

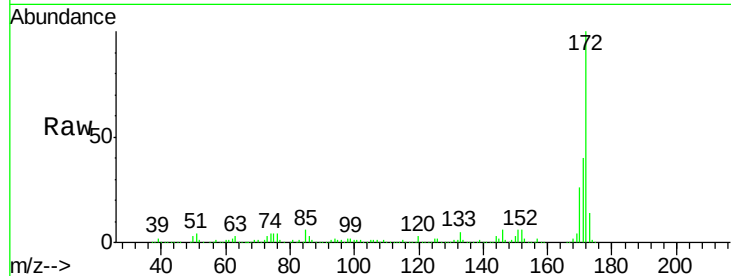




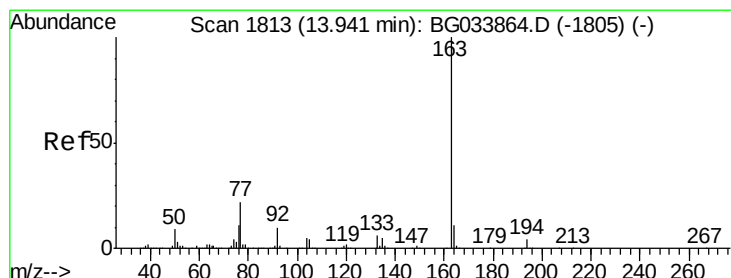
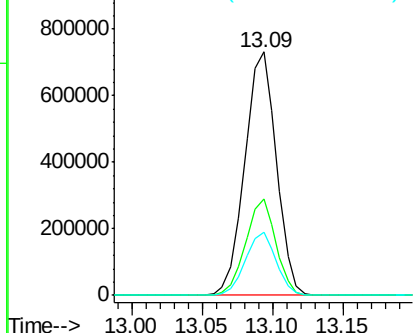
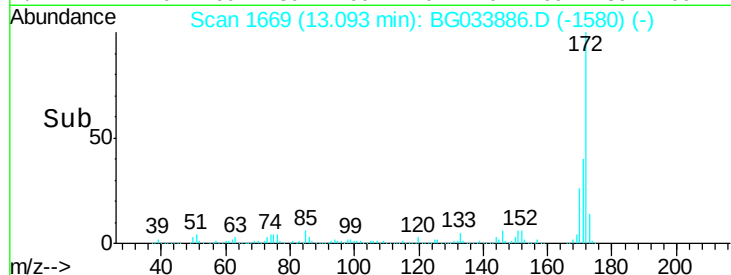
#44  
2-Fluorobiphenyl  
Concen: 85.687 ng  
RT: 13.09 min Scan# 1669  
Delta R.T. -0.01 min  
Lab File: BG033886.D  
Acq: 20 Apr 2018 15:02

Instrument :  
BNA\_G  
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EPE-118-1(5-10)

Tot Ion:172 Resp: 1148315  
Ion Ratio Lower Upper  
172 100  
171 39.6 30.0 45.0  
170 25.8 19.5 29.3

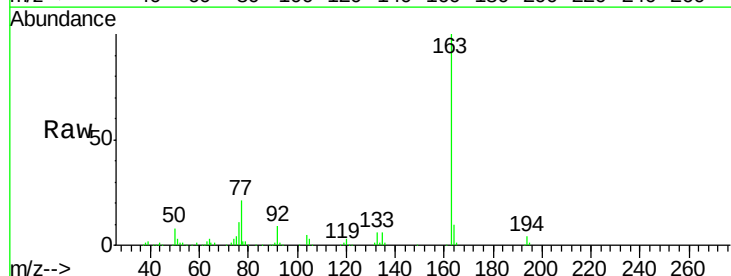


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

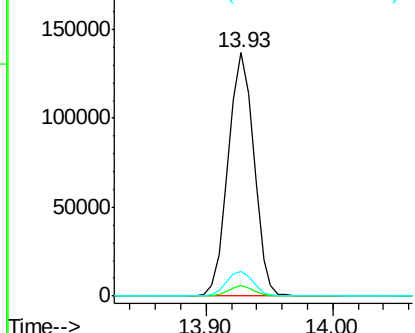
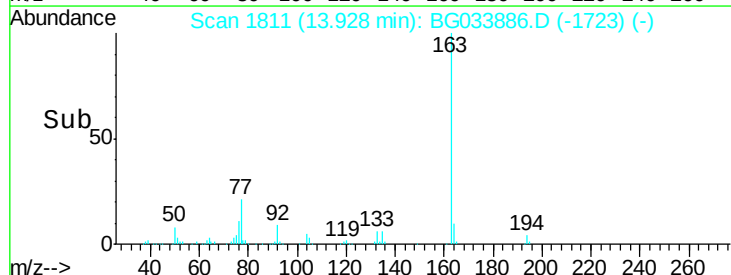


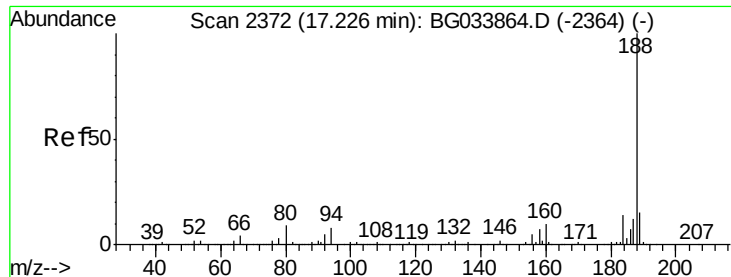
#49  
Dimethylphthalate  
Concen: 11.131 ng  
RT: 13.93 min Scan# 1811  
Delta R.T. -0.01 min  
Lab File: BG033886.D  
Acq: 20 Apr 2018 15:02

Tgt Ion:163 Resp: 192766  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.4 5.2  
164 10.4 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

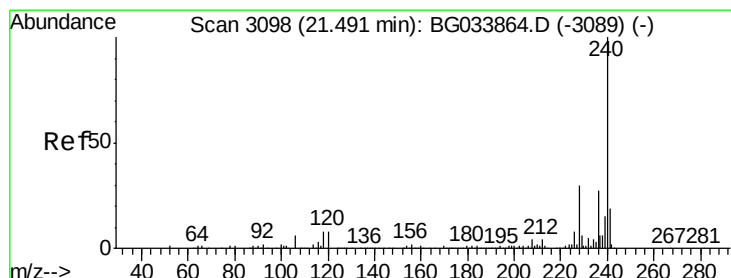
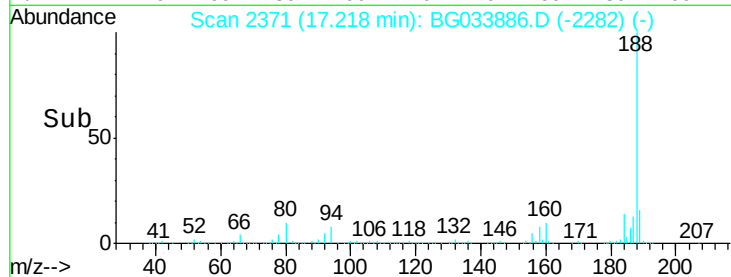
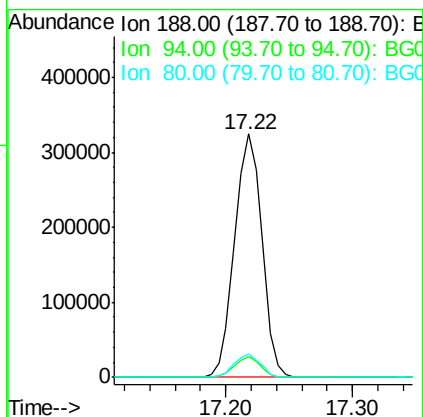
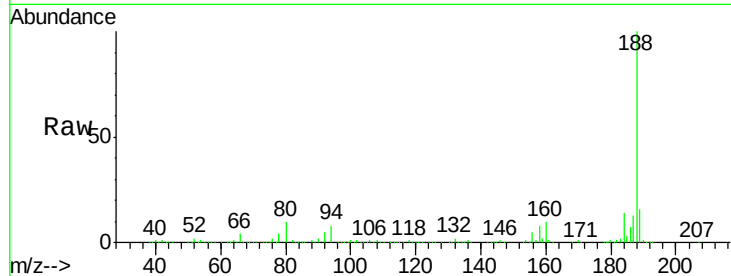




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.22 min Scan# 2371  
Delta R.T. -0.01 min  
Lab File: BG033886.D  
Acq: 20 Apr 2018 15:02

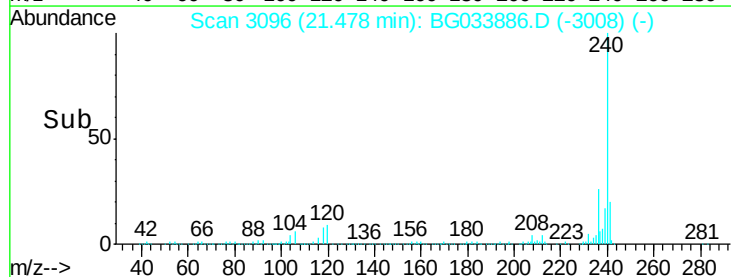
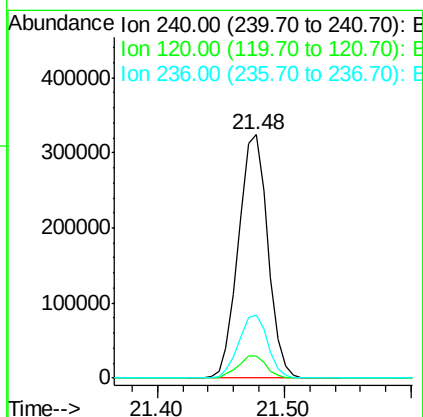
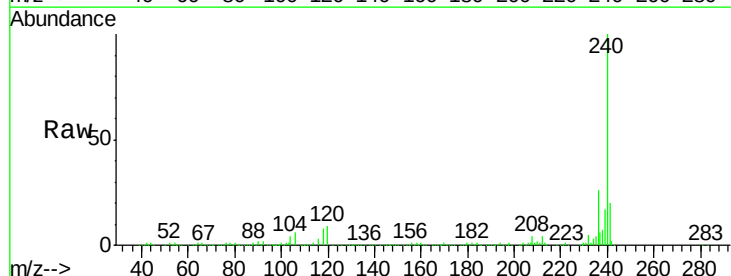
Instrument :  
BNA\_G  
ClientSampleId :  
EPE-118-1(5-10)

Tot Ion:188 Resp: 481094  
Ion Ratio Lower Upper  
188 100  
94 8.4 6.9 10.3  
80 9.7 7.7 11.5

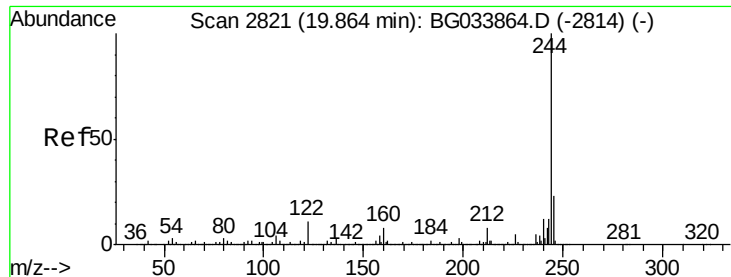


#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.48 min Scan# 3096  
Delta R.T. -0.01 min  
Lab File: BG033886.D  
Acq: 20 Apr 2018 15:02

Tgt Ion:240 Resp: 519814  
Ion Ratio Lower Upper  
240 100  
120 9.0 6.8 10.2  
236 26.1 20.9 31.3







#78

Terphenyl-d14

Concen: 77.735 ng

RT: 19.86 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BG033886.D

Acq: 20 Apr 2018 15:02

Instrument :

BNA\_G

ClientSampleId :

EPE-118-1(5-10)

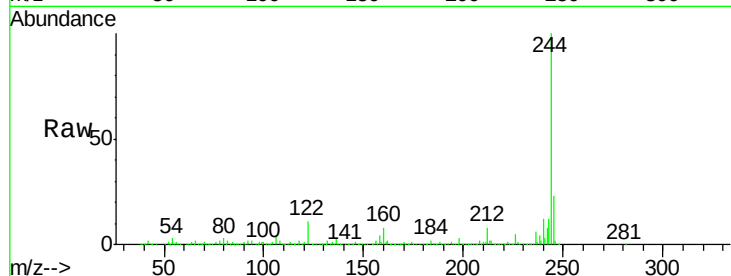
Tot Ion:244 Resp: 1798610

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

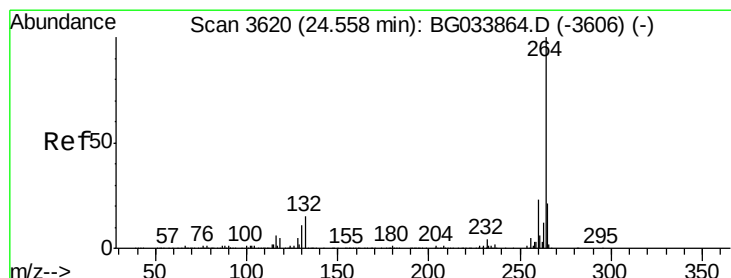
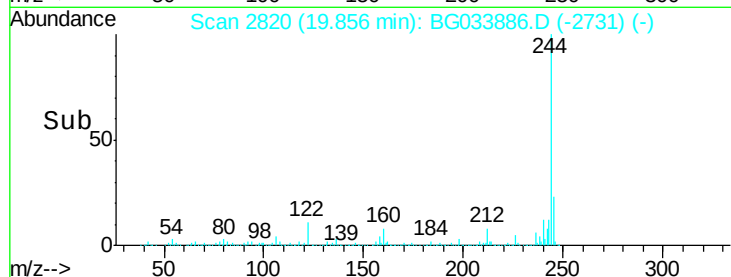
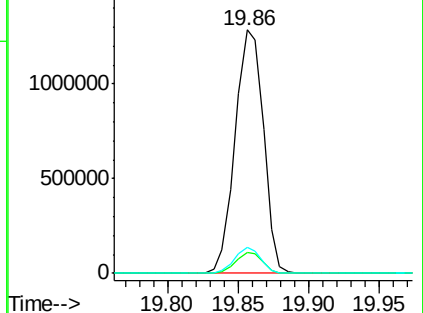
122 10.7 7.0 10.4#



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: 24.54 min Scan# 3617

Delta R.T. -0.02 min

Lab File: BG033886.D

Acq: 20 Apr 2018 15:02

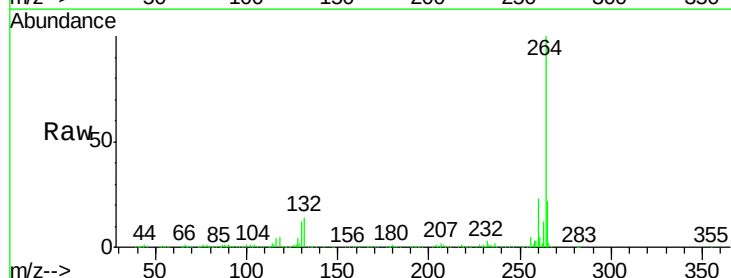
Tgt Ion:264 Resp: 527961

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.0

265 21.8 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

