

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\  
 Data File : BF106412.D  
 Acq On : 14 Jun 2018 00:47  
 Operator : JU/SJ  
 Sample : J3458-04  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EPE-105-5(45-47)

Quant Time: Jun 14 04:09:21 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 13 10:51:26 2018  
 Response via : Initial Calibration

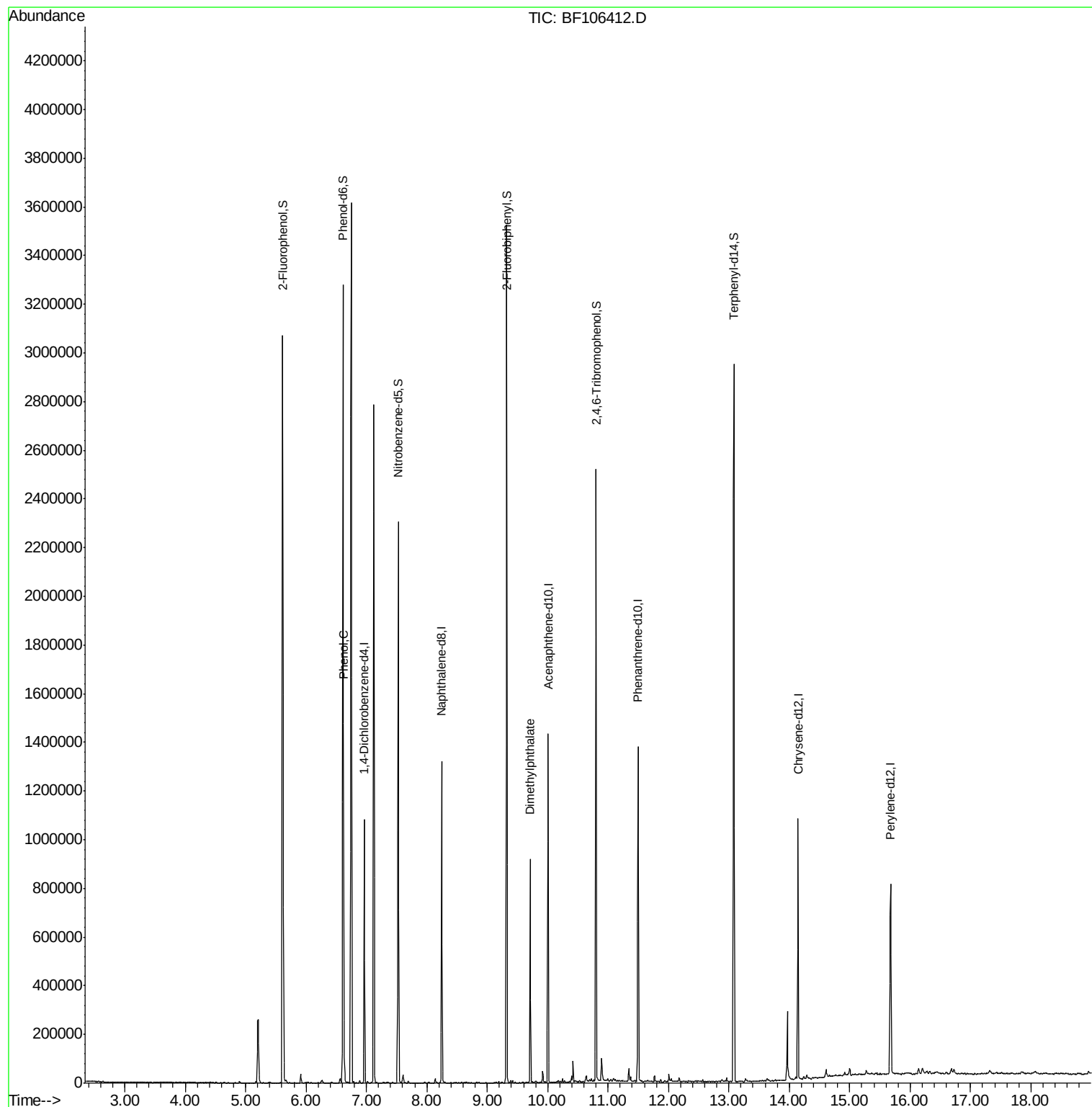
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)    |
|-----------------------------|-------|------|----------|--------|-------|-------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.97  | 152  | 139538   | 20.00  | ng    | -0.01       |
| 21) Naphthalene-d8          | 8.25  | 136  | 529226   | 20.00  | ng    | -0.01       |
| 38) Acenaphthene-d10        | 10.01 | 164  | 247879   | 20.00  | ng    | -0.01       |
| 63) Phenanthrene-d10        | 11.50 | 188  | 468623   | 20.00  | ng    | -0.01       |
| 75) Chrysene-d12            | 14.14 | 240  | 346949   | 20.00  | ng    | -0.02       |
| 86) Perylene-d12            | 15.68 | 264  | 350958   | 20.00  | ng    | -0.01       |
| System Monitoring Compounds |       |      |          |        |       |             |
| 5) 2-Fluorophenol           | 5.61  | 112  | 971478   | 117.83 | ng    | -0.01       |
| 7) Phenol-d6                | 6.61  | 99   | 1167335  | 112.07 | ng    | -0.01       |
| 23) Nitrobenzene-d5         | 7.53  | 82   | 773118   | 85.94  | ng    | 0.00        |
| 41) 2,4,6-Tribromophenol    | 10.80 | 330  | 324229   | 135.94 | ng    | -0.01       |
| 44) 2-Fluorobiphenyl        | 9.32  | 172  | 1120392  | 78.25  | ng    | 0.00        |
| 78) Terphenyl-d14           | 13.08 | 244  | 994881   | 71.22  | ng    | 0.00        |
| Target Compounds            |       |      |          |        |       |             |
| 10) Phenol                  | 6.62  | 94   | 36675    | 3.225  | ng    | Qvalue # 78 |
| 49) Dimethylphthalate       | 9.71  | 163  | 314161   | 17.740 | ng    | 99          |

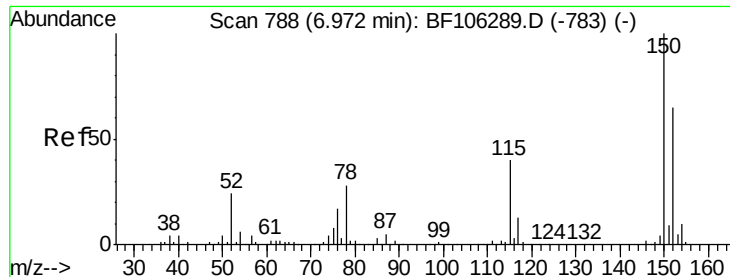
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\  
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Sample : J3458-04  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
EPE-105-5(45-47)

Quant Time: Jun 14 04:09:21 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jun 13 10:51:26 2018  
Response via : Initial Calibration



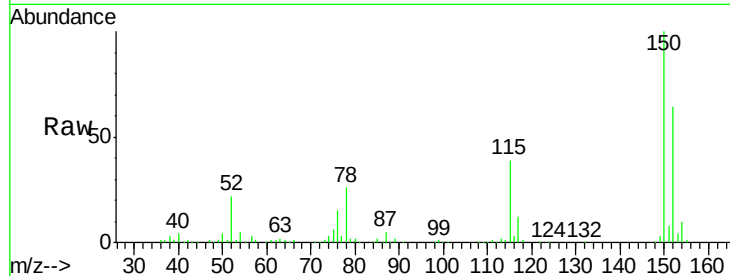


#1

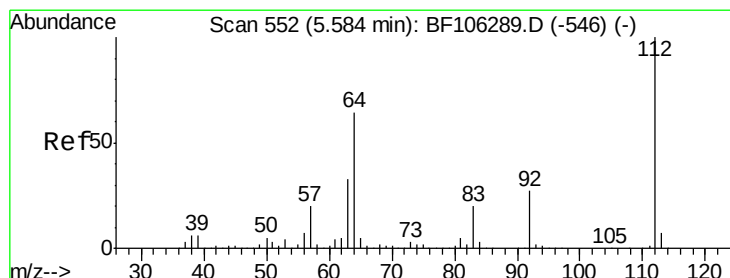
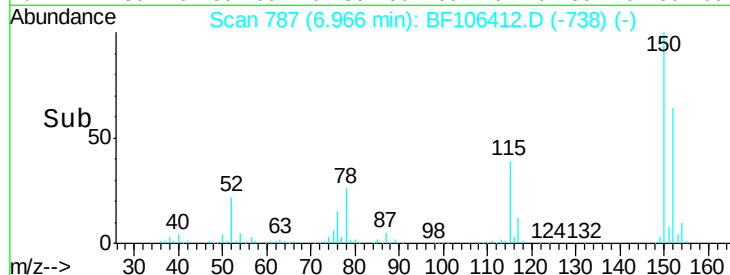
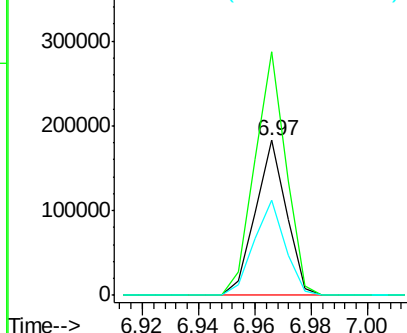
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.97 min Scan# 787  
Delta R.T. -0.01 min  
Lab File: BF106412.D  
Acq: 14 Jun 2018 00:47

Instrument :  
BNA\_F  
ClientSampleId :  
EPE-105-5(45-47)

Tot Ion:152 Resp: 139538  
Ion Ratio Lower Upper  
152 100  
150 156.9 124.6 186.8  
115 61.5 50.1 75.1



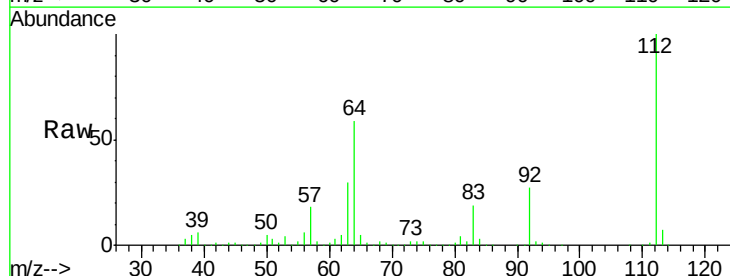
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



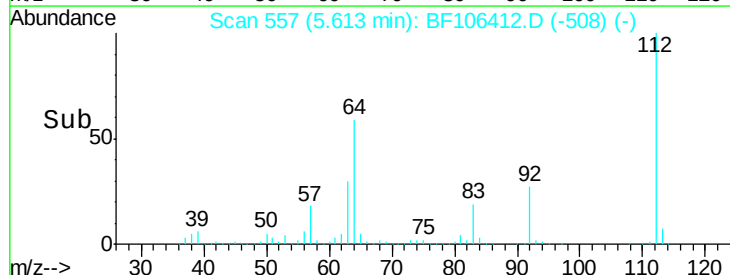
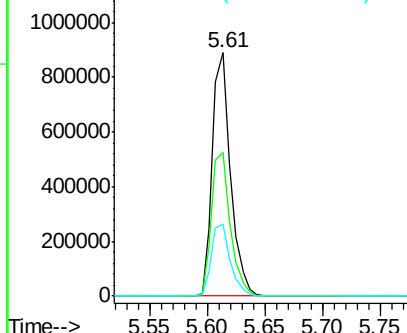
#5

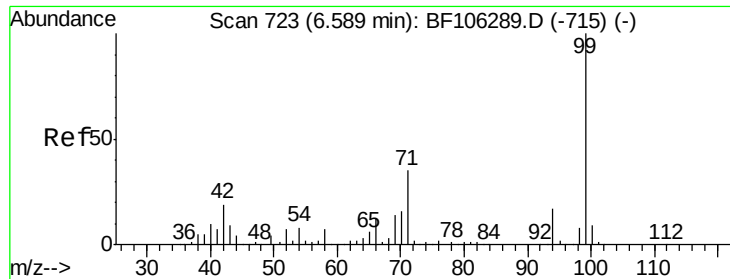
2-Fluorophenol  
Concen: 117.833 ng  
RT: 5.61 min Scan# 557  
Delta R.T. -0.01 min  
Lab File: BF106412.D  
Acq: 14 Jun 2018 00:47

Tgt Ion:112 Resp: 971478  
Ion Ratio Lower Upper  
112 100  
64 58.9 47.9 71.9  
63 29.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 112.070 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106412.D

Acq: 14 Jun 2018 00:47

Instrument :

BNA\_F

ClientSampleId :

EPE-105-5(45-47)

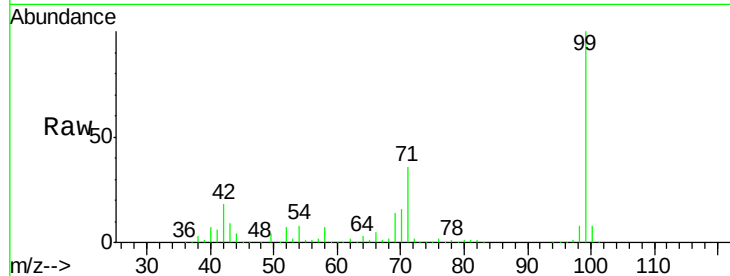
Tot Ion: 99 Resp: 1167335

Ion Ratio Lower Upper

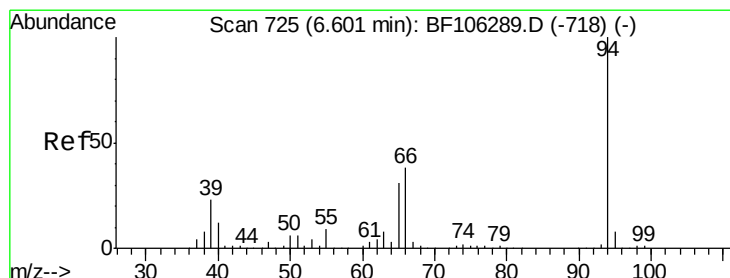
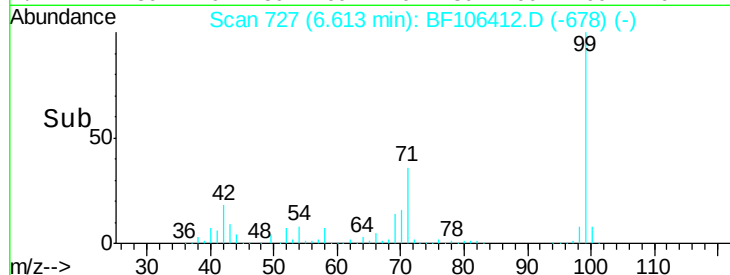
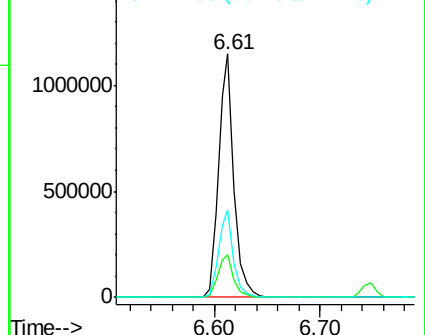
99 100

42 17.8 14.5 21.7

71 36.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1  
Ion 42.00 (41.70 to 42.70): BF1  
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.225 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF106412.D

Acq: 14 Jun 2018 00:47

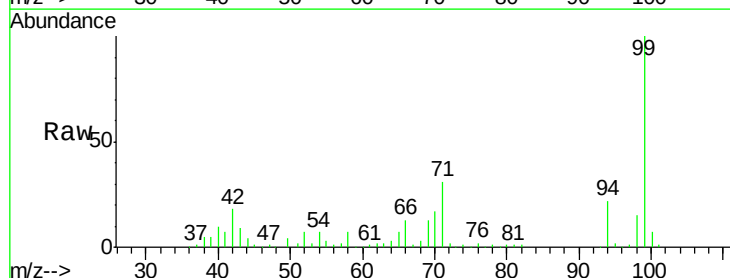
Tgt Ion: 94 Resp: 36675

Ion Ratio Lower Upper

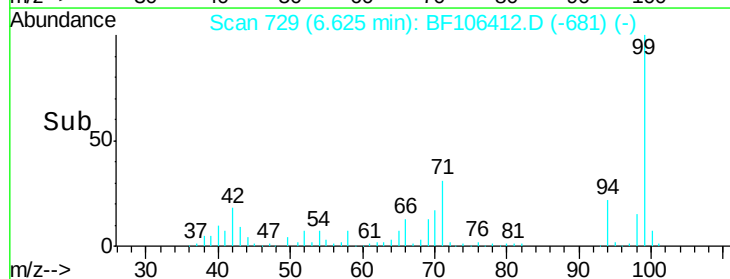
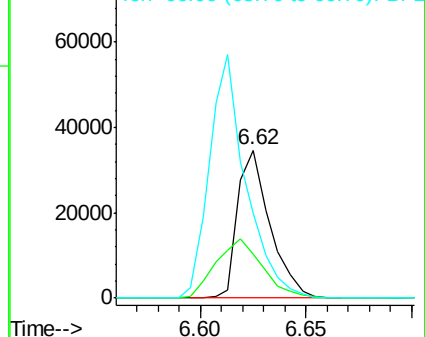
94 100

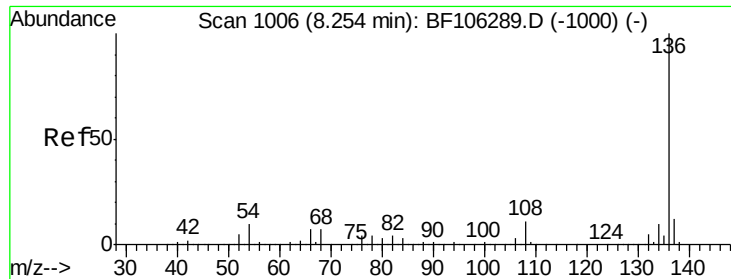
65 30.0 7.9 47.9

66 56.9 16.2 56.2#



Abundance Ion 94.00 (93.70 to 94.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 66.00 (65.70 to 66.70): BF1

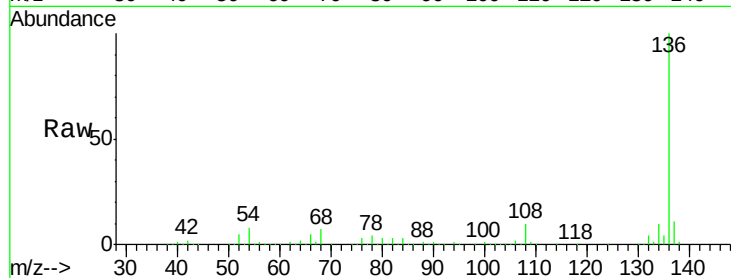




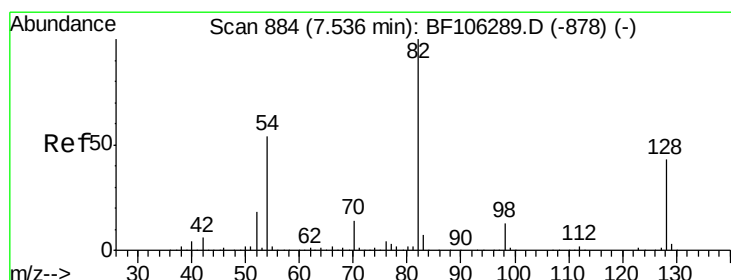
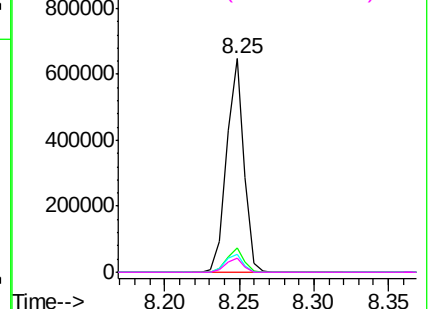
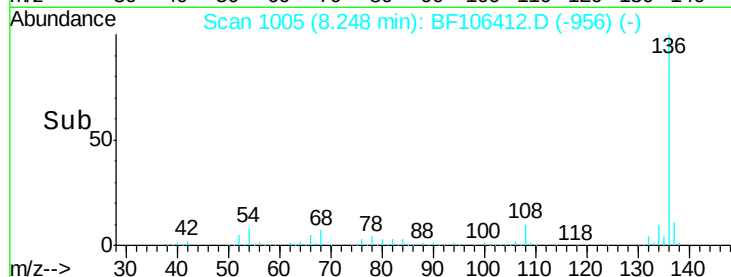
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.25 min Scan# 1005  
Delta R.T. -0.01 min  
Lab File: BF106412.D  
Acq: 14 Jun 2018 00:47

Instrument :  
BNA\_F  
ClientSampleId :  
EPE-105-5(45-47)

|             |       |             |
|-------------|-------|-------------|
| Tot Ion:136 | Resp: | 529226      |
| Ion         | Ratio | Lower Upper |
| 136         | 100   |             |
| 137         | 11.1  | 8.9 13.3    |
| 54          | 8.5   | 6.6 9.8     |
| 68          | 6.8   | 5.0 7.4     |

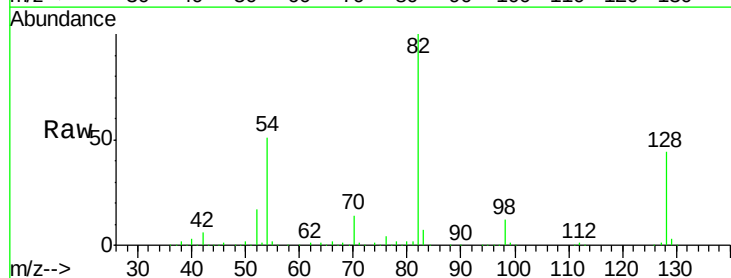


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

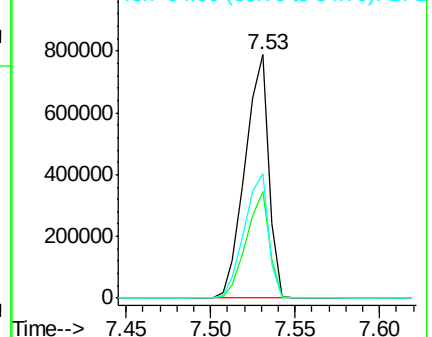
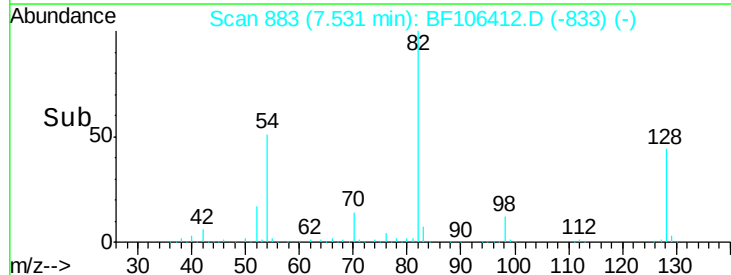


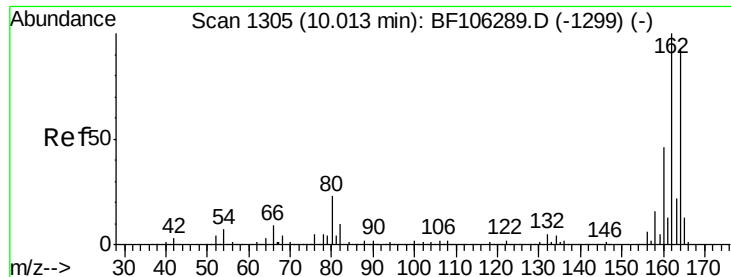
#23  
Nitrobenzene-d5  
Concen: 85.939 ng  
RT: 7.53 min Scan# 883  
Delta R.T. -0.01 min  
Lab File: BF106412.D  
Acq: 14 Jun 2018 00:47

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 82 | Resp: | 773118      |
| Ion         | Ratio | Lower Upper |
| 82          | 100   |             |
| 128         | 44.0  | 36.1 54.1   |
| 54          | 51.4  | 41.4 62.2   |



Abundance Ion 82.00 (81.70 to 82.70): BF1  
Ion 128.00 (127.70 to 128.70): E  
Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF106412.D

Acq: 14 Jun 2018 00:47

Instrument :

BNA\_F

ClientSampleId :

EPE-105-5(45-47)

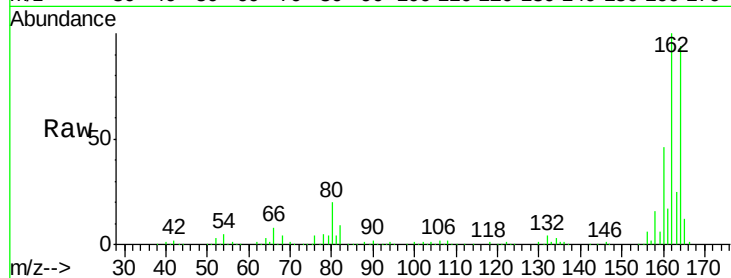
Tot Ion:164 Resp: 247879

Ion Ratio Lower Upper

164 100

162 106.8 86.1 129.1

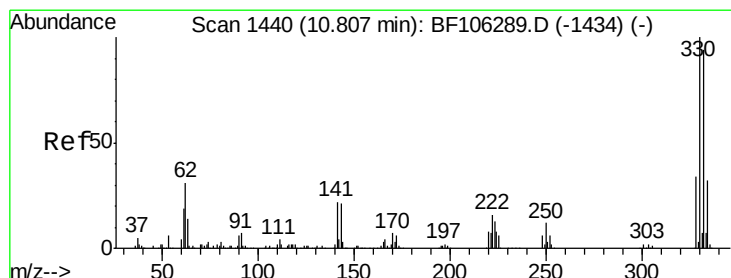
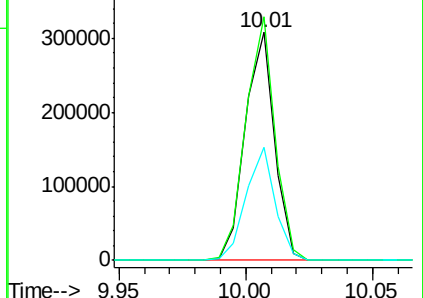
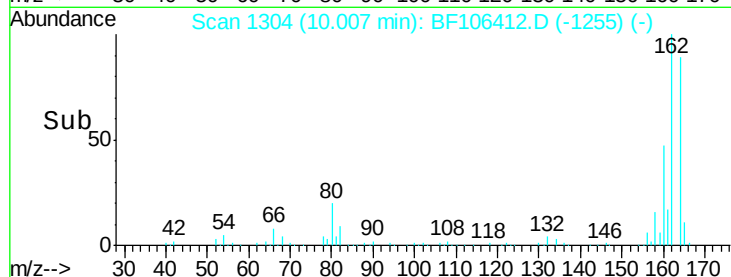
160 49.5 38.3 57.5



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: 135.944 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF106412.D

Acq: 14 Jun 2018 00:47

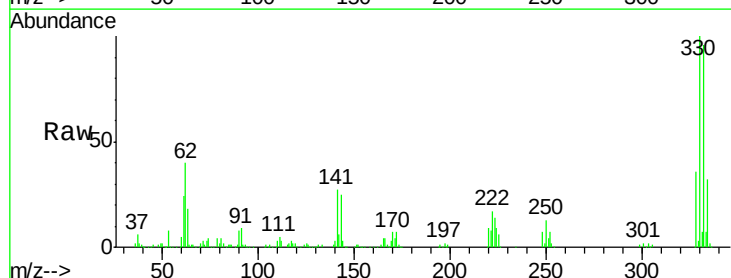
Tgt Ion:330 Resp: 324229

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

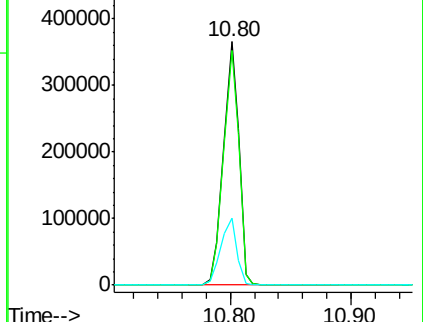
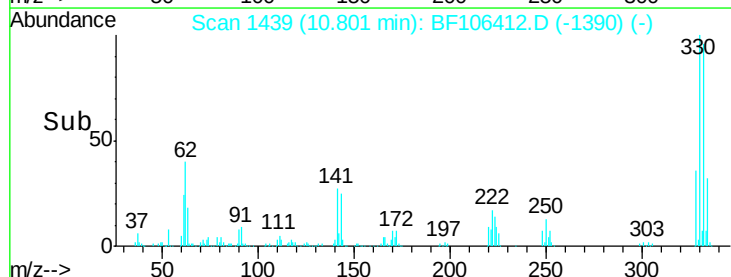
141 28.1 29.9 44.9#

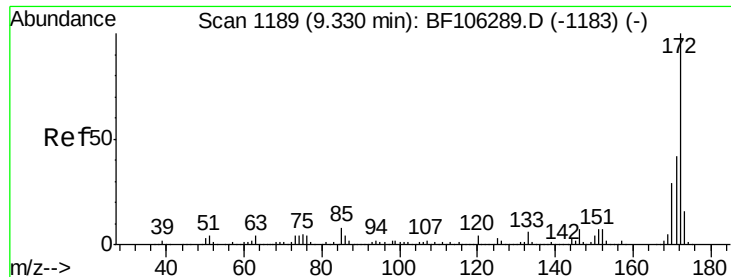


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 78.247 ng

RT: 9.32 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF106412.D

Acq: 14 Jun 2018 00:47

Instrument :

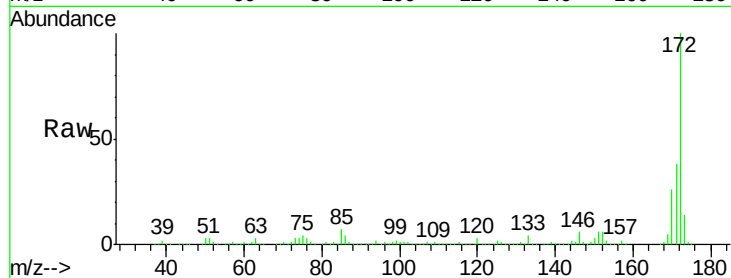
BNA\_F

ClientSampleId :

EPE-105-5(45-47)

Tot Ion:172 Resp: 1120392

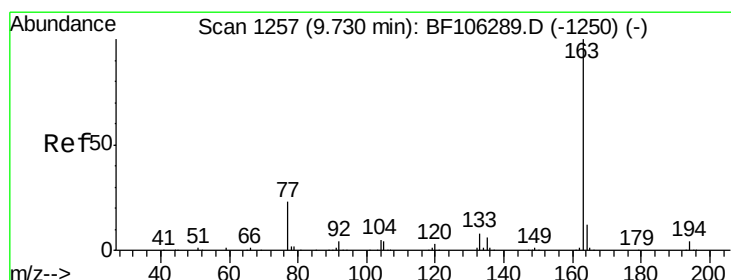
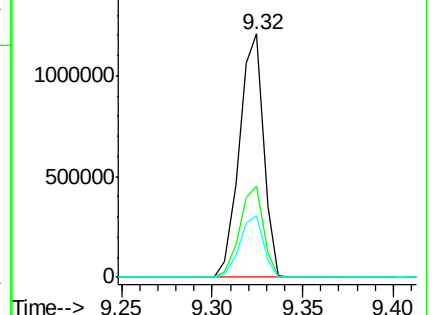
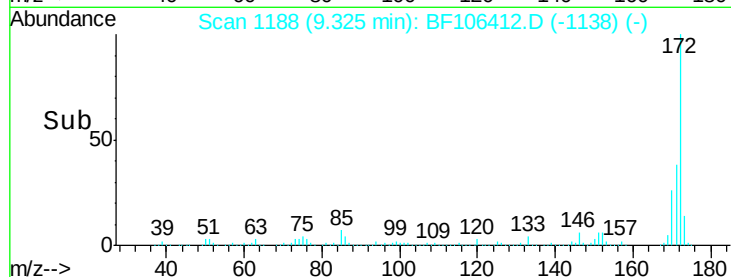
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 37.6  | 29.7  | 44.5  |
| 170 | 25.6  | 19.6  | 29.4  |



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: 17.740 ng

RT: 9.71 min Scan# 1254

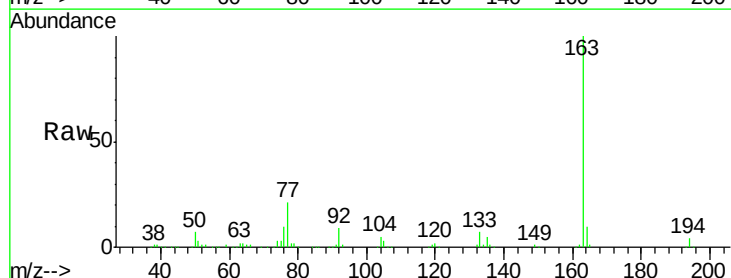
Delta R.T. -0.02 min

Lab File: BF106412.D

Acq: 14 Jun 2018 00:47

Tgt Ion:163 Resp: 314161

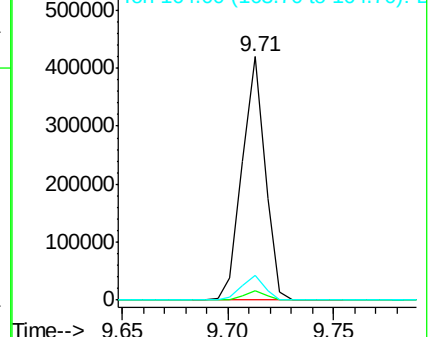
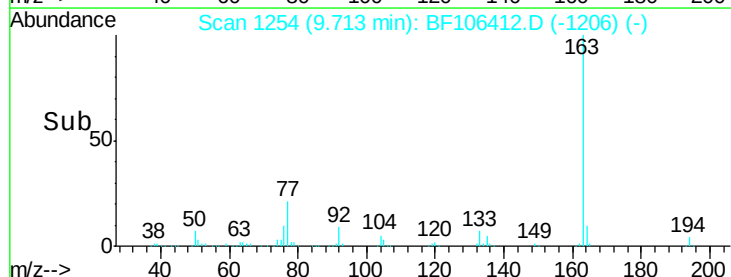
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 3.8   | 2.7   | 4.1   |
| 164 | 10.0  | 8.2   | 12.2  |

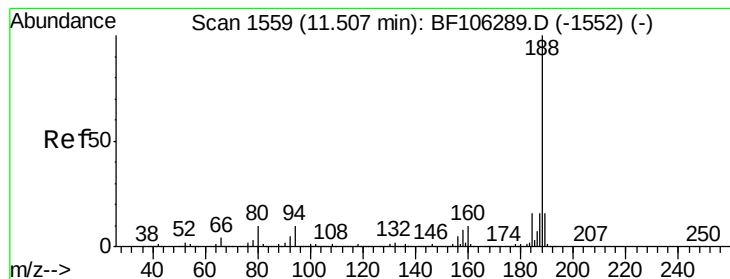


Abundance Ion 163.00 (162.70 to 163.70): E

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: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106412.D

Acq: 14 Jun 2018 00:47

Instrument :

BNA\_F

ClientSampleId :

EPE-105-5(45-47)

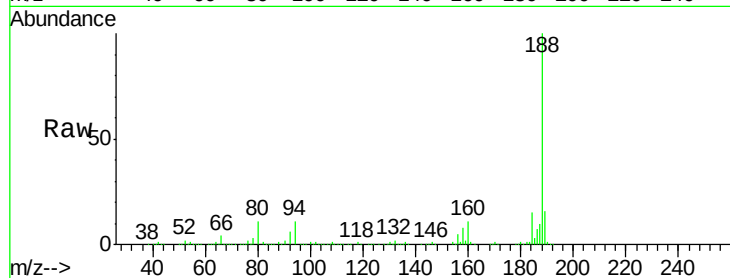
Tot Ion:188 Resp: 468623

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

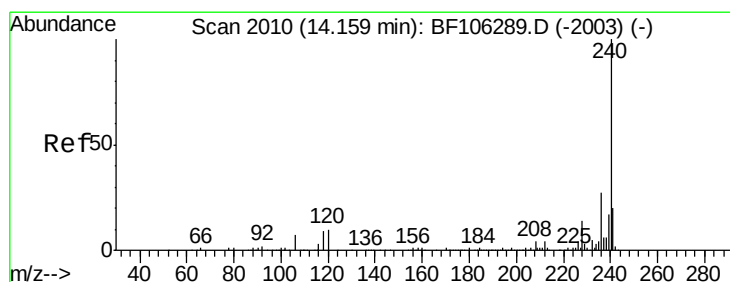
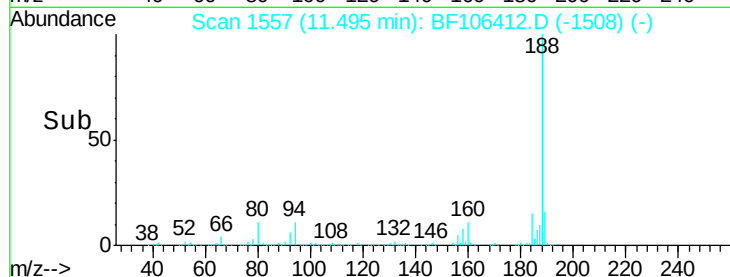
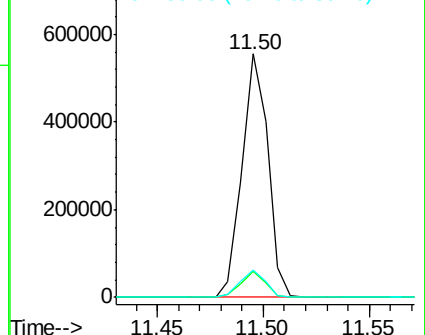
80 11.1 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF106412.D

Acq: 14 Jun 2018 00:47

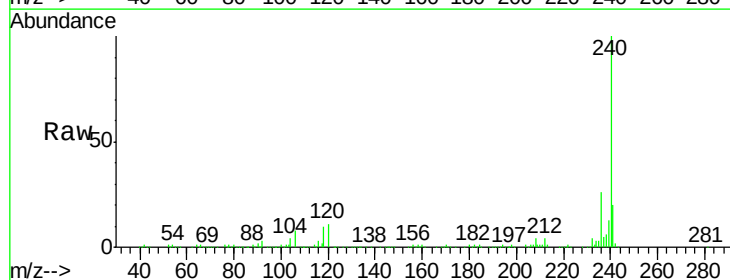
Tgt Ion:240 Resp: 346949

Ion Ratio Lower Upper

240 100

120 11.4 9.5 14.3

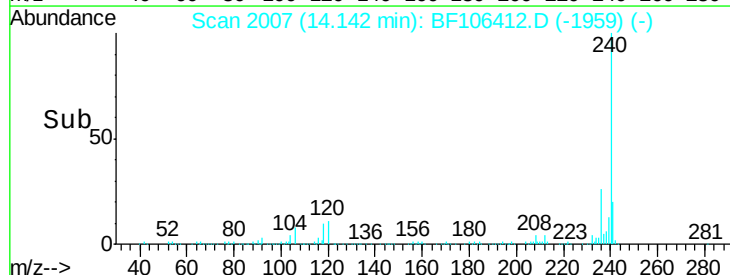
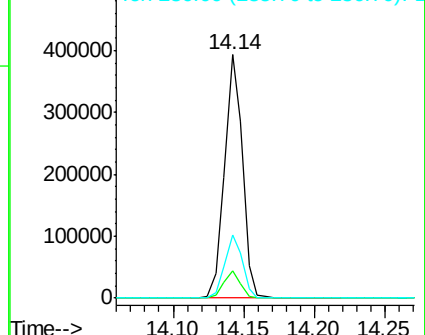
236 26.1 20.7 31.1



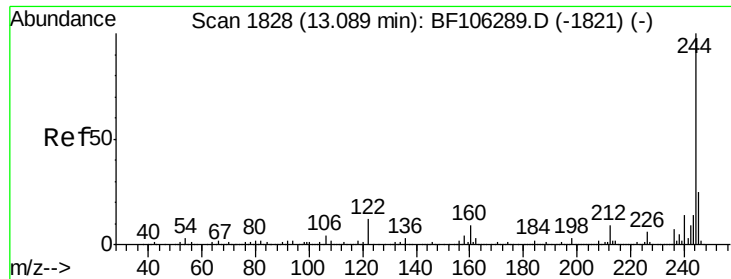
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E







#78

Terphenyl-d14

Concen: 71.223 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.01 min

Lab File: BF106412.D

Acq: 14 Jun 2018 00:47

Instrument :

BNA\_F

ClientSampleId :

EPE-105-5(45-47)

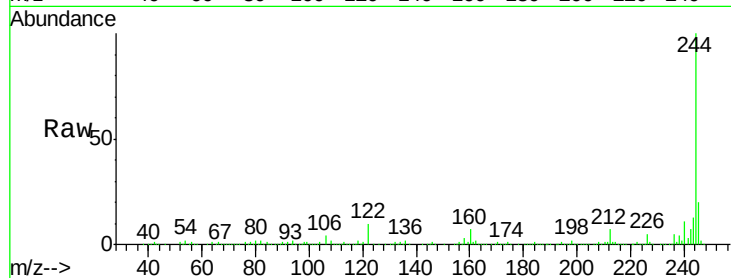
Tot Ion:244 Resp: 994881

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

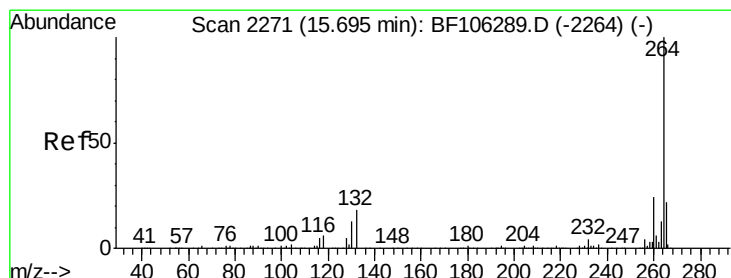
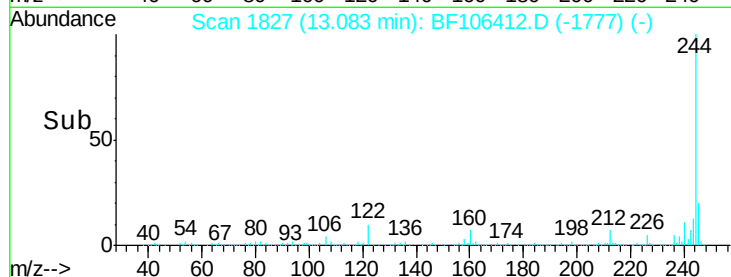
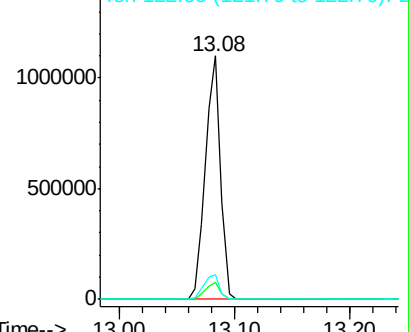
122 10.1 11.0 16.4#



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: 15.68 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BF106412.D

Acq: 14 Jun 2018 00:47

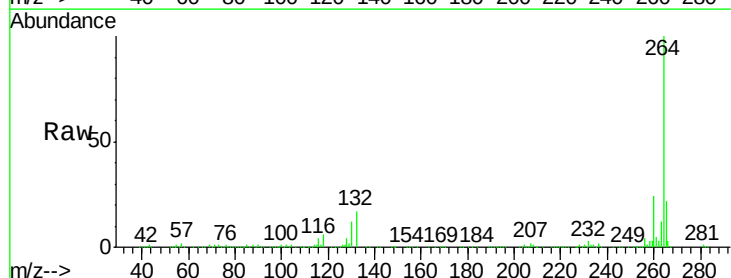
Tgt Ion:264 Resp: 350958

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 22.1 17.5 26.3



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

