

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\  
 Data File : BF106423.D  
 Acq On : 14 Jun 2018 6:10  
 Operator : JU/SJ  
 Sample : J3447-01  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 W-27

Quant Time: Jun 14 07:36:11 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

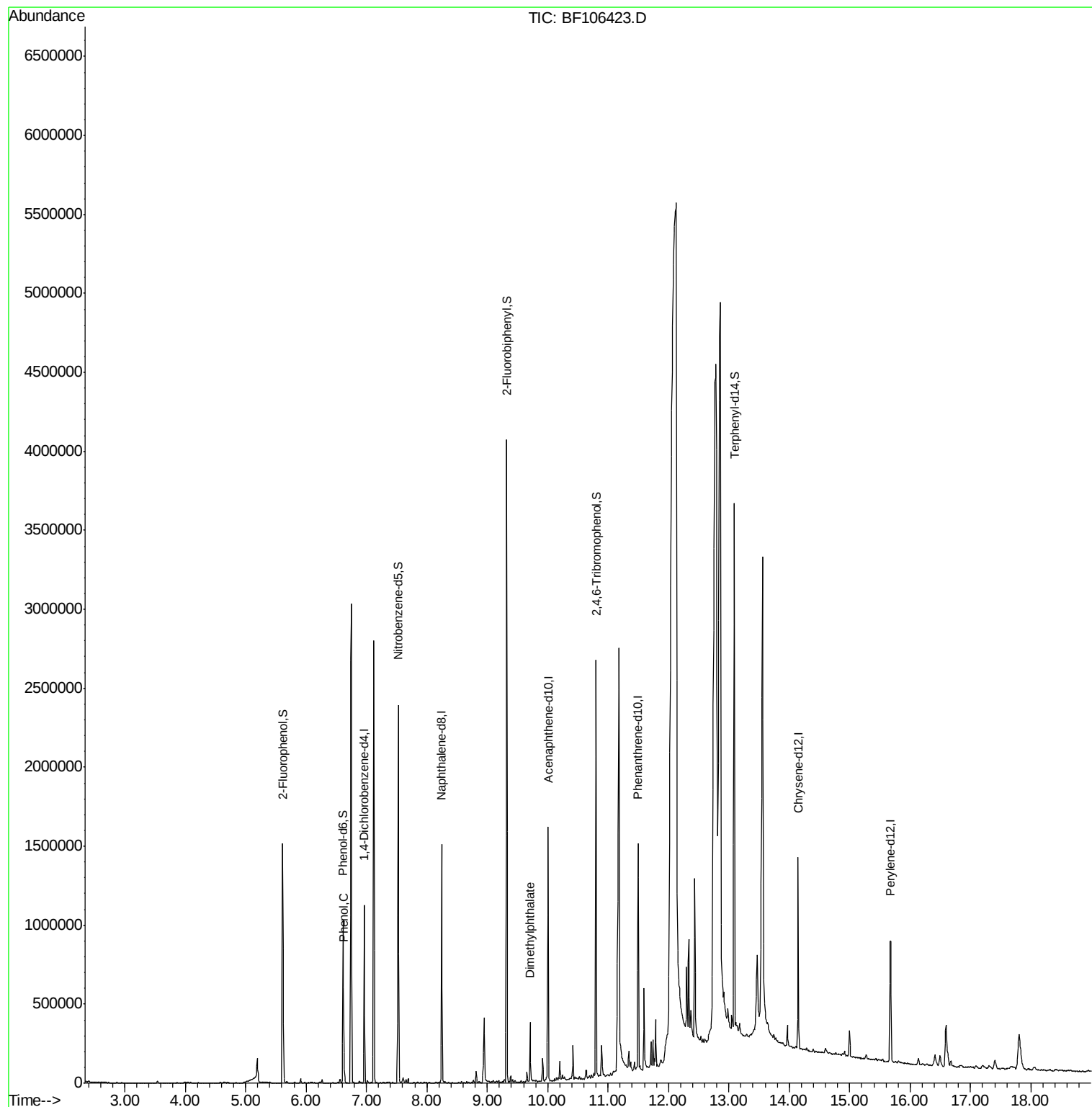
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.97  | 152  | 154228   | 20.00  | ng    | -0.01    |
| 21) Naphthalene-d8          | 8.25  | 136  | 581328   | 20.00  | ng    | -0.01    |
| 38) Acenaphthene-d10        | 10.01 | 164  | 278927   | 20.00  | ng    | -0.01    |
| 63) Phenanthrene-d10        | 11.50 | 188  | 516649   | 20.00  | ng    | -0.01    |
| 75) Chrysene-d12            | 14.15 | 240  | 403718   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12            | 15.68 | 264  | 379691   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.61  | 112  | 492750   | 54.07  | ng    | -0.01    |
| 7) Phenol-d6                | 6.61  | 99   | 398760   | 34.64  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.53  | 82   | 808073   | 81.77  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.80 | 330  | 356432   | 132.81 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 9.32  | 172  | 1304109  | 82.15  | ng    | 0.00     |
| 78) Terphenyl-d14           | 13.09 | 244  | 1231290  | 75.75  | ng    | 0.00     |
| Target Compounds            |       |      |          |        |       |          |
| 10) Phenol                  | 6.62  | 94   | 50725    | 4.036  | ng    | 89       |
| 49) Dimethylphthalate       | 9.71  | 163  | 126184   | 6.332  | ng    | 99       |

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

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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  
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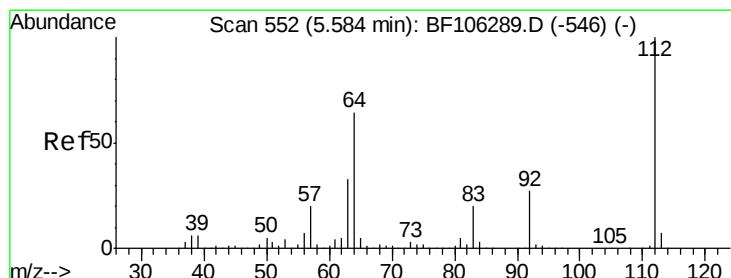
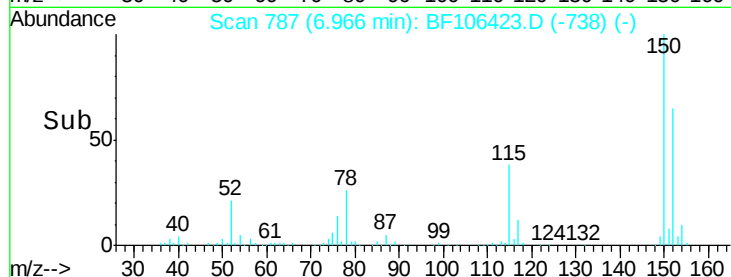
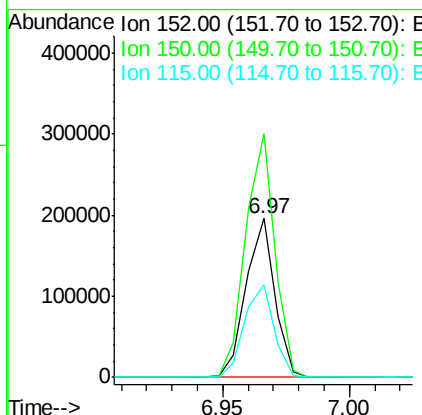
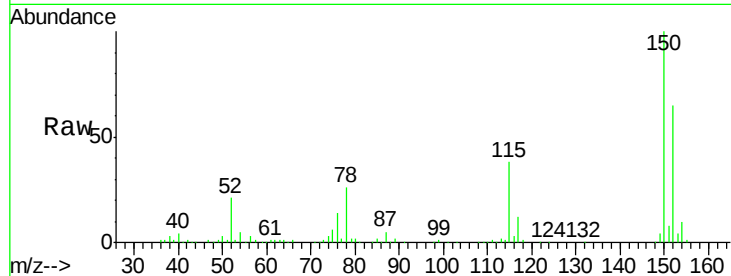


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.97 min Scan# 787  
Delta R.T. -0.01 min  
Lab File: BF106423.D  
Acq: 14 Jun 2018 6:10

Instrument :  
BNA\_F  
ClientSampleId :  
W-27

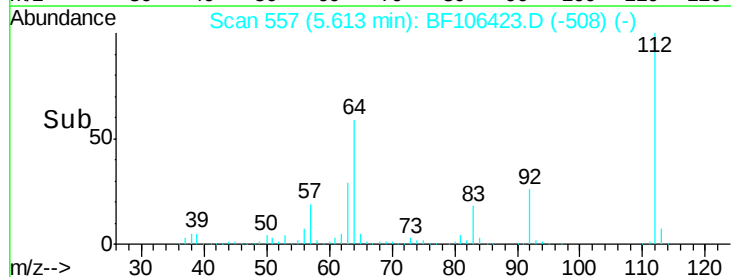
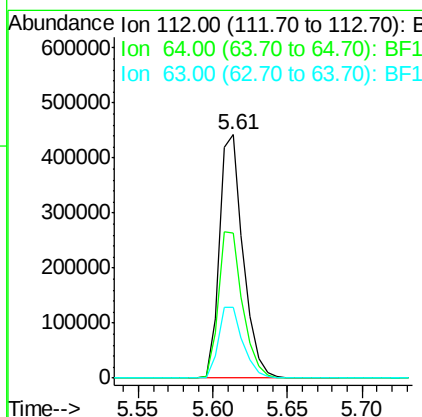
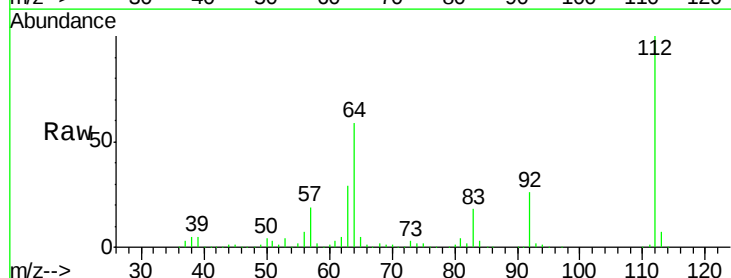
Tot Ion:152 Resp: 154228  
Ion Ratio Lower Upper  
152 100  
150 153.3 124.6 186.8  
115 58.4 50.1 75.1



#5

2-Fluorophenol  
Concen: 54.074 ng  
RT: 5.61 min Scan# 557  
Delta R.T. -0.01 min  
Lab File: BF106423.D  
Acq: 14 Jun 2018 6:10

Tgt Ion:112 Resp: 492750  
Ion Ratio Lower Upper  
112 100  
64 59.3 47.9 71.9  
63 29.3 23.7 35.5





#7

Phenol-d6

Concen: 34.636 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF106423.D

Acq: 14 Jun 2018 6:10

Instrument :

BNA\_F

ClientSampled :

W-27

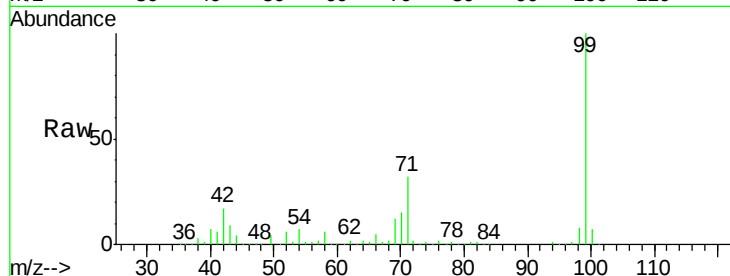
Tot Ion: 99 Resp: 398760

Ion Ratio Lower Upper

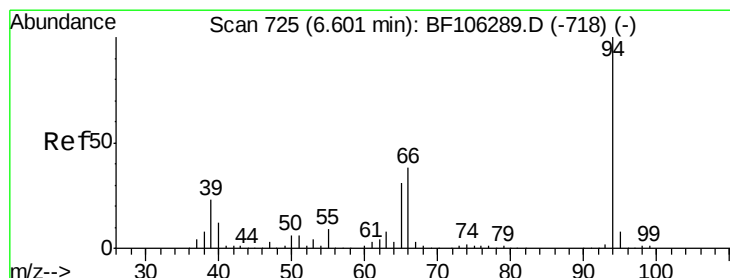
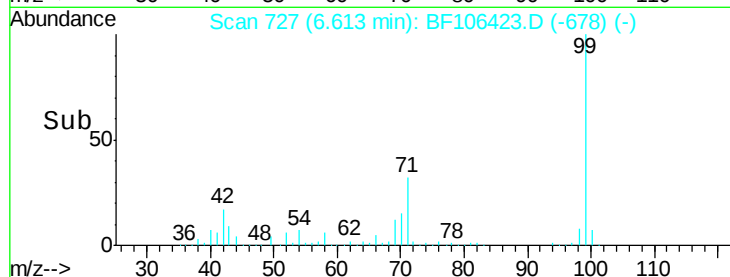
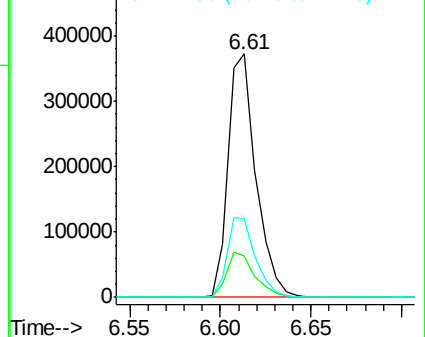
99 100

42 17.2 14.5 21.7

71 32.3 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: 4.036 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF106423.D

Acq: 14 Jun 2018 6:10

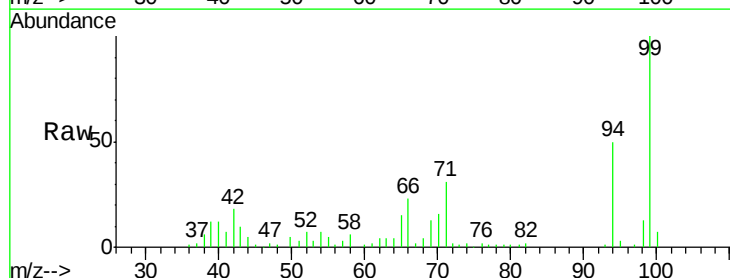
Tgt Ion: 94 Resp: 50725

Ion Ratio Lower Upper

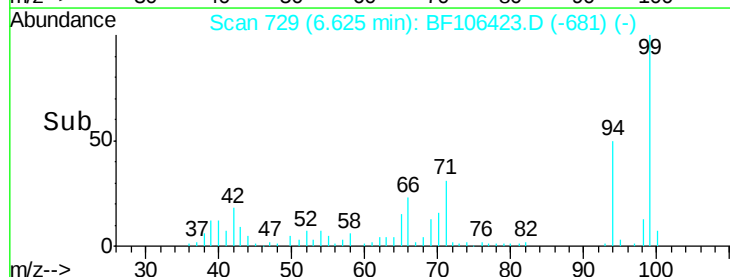
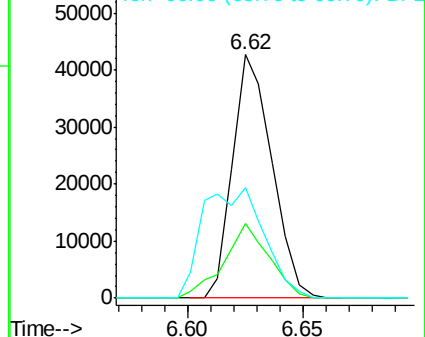
94 100

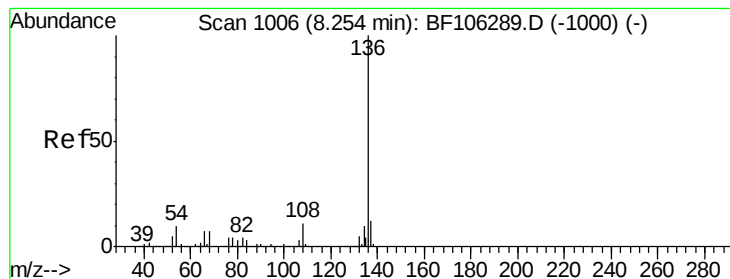
65 30.6 7.9 47.9

66 45.3 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: BF106423.D

Acq: 14 Jun 2018 6:10

Instrument :

BNA\_F

ClientSampleId :

W-27

Tot Ion:136 Resp: 581328

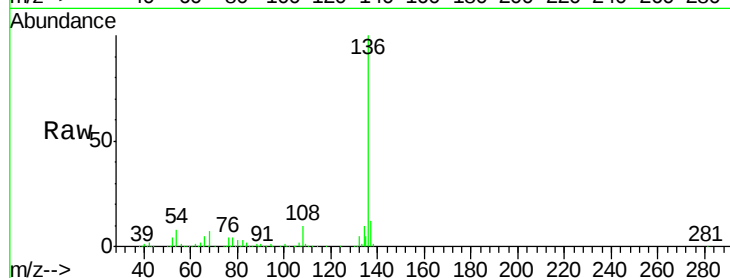
Ion Ratio Lower Upper

136 100

137 11.7 8.9 13.3

54 8.4 6.6 9.8

68 6.9 5.0 7.4

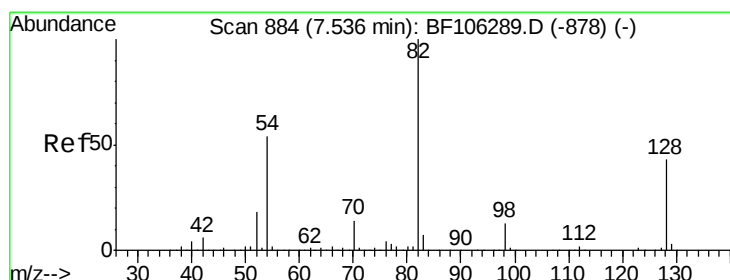
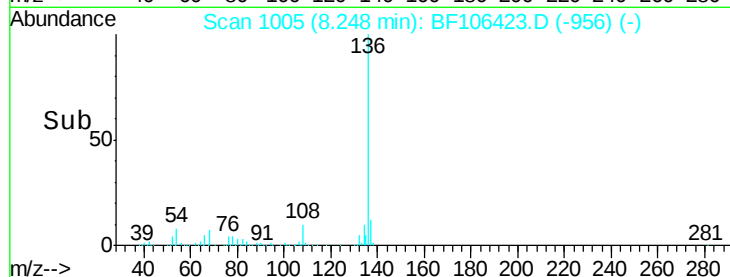
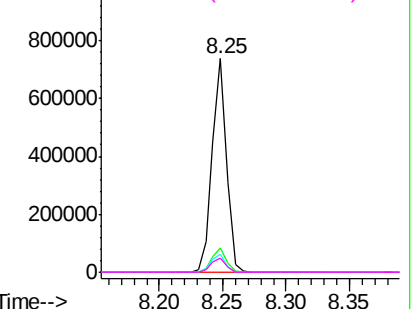


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.774 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF106423.D

Acq: 14 Jun 2018 6:10

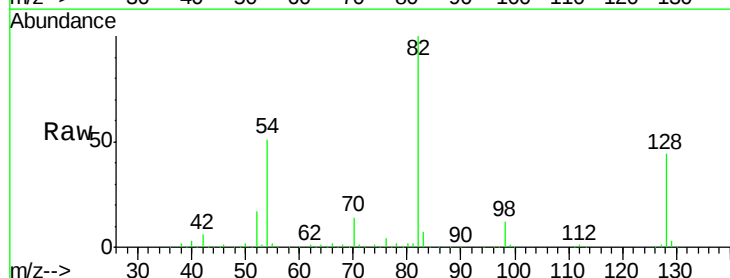
Tgt Ion: 82 Resp: 808073

Ion Ratio Lower Upper

82 100

128 44.2 36.1 54.1

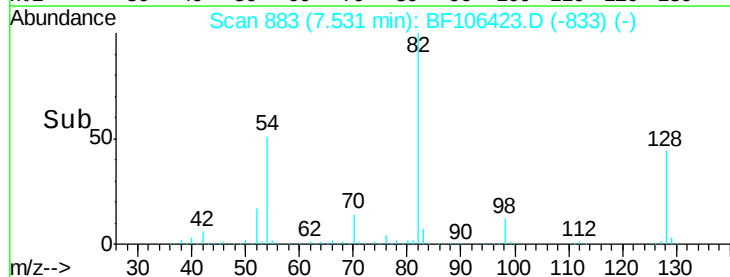
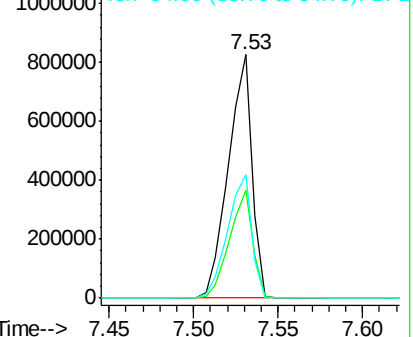
54 50.8 41.4 62.2

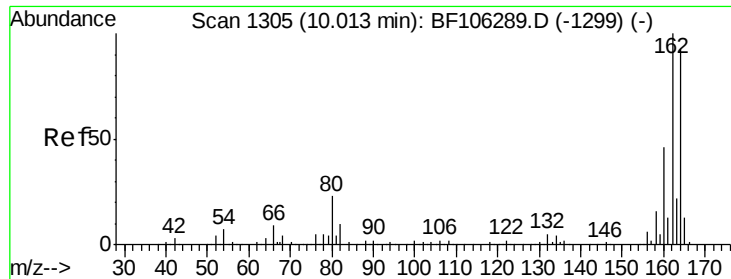


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

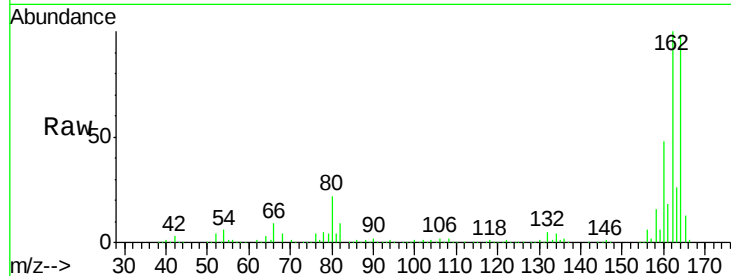




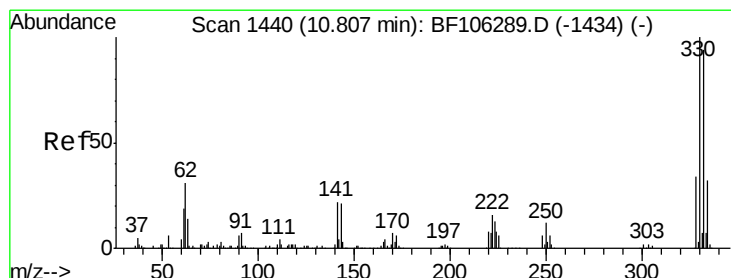
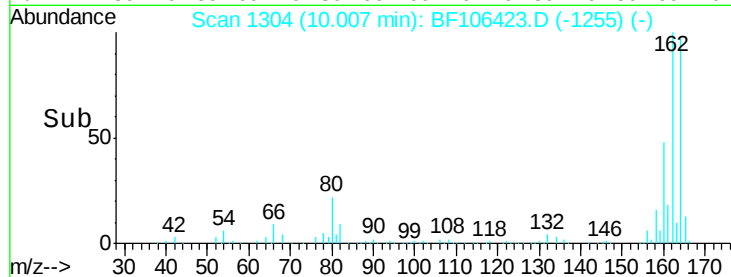
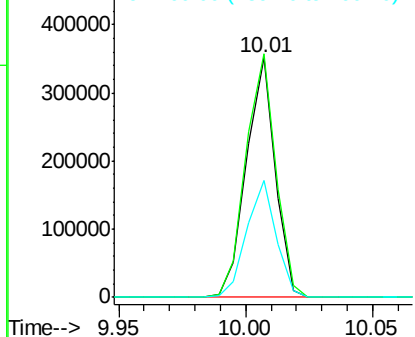
#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.01 min Scan# 1304  
Delta R.T. -0.01 min  
Lab File: BF106423.D  
Acq: 14 Jun 2018 6:10

Instrument :  
BNA\_F  
ClientSampleId :  
W-27

Tot Ion:164 Resp: 278927  
Ion Ratio Lower Upper  
164 100  
162 101.7 86.1 129.1  
160 49.1 38.3 57.5

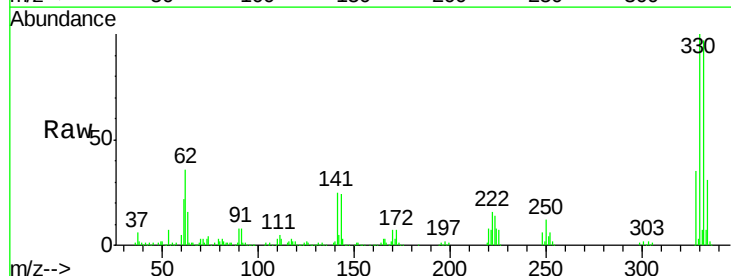


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

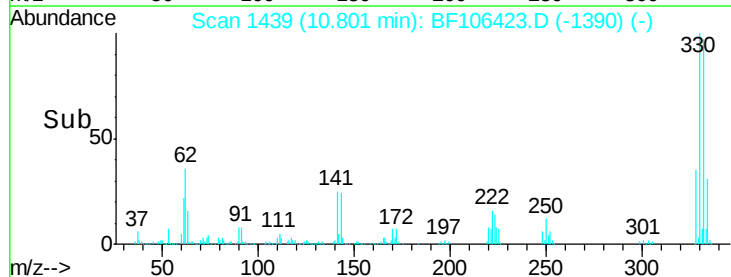
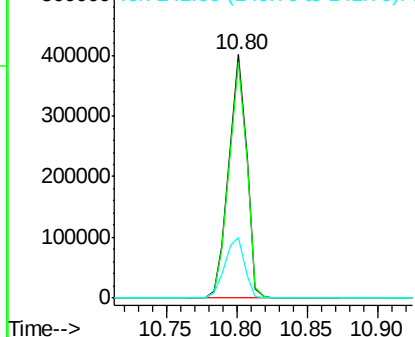


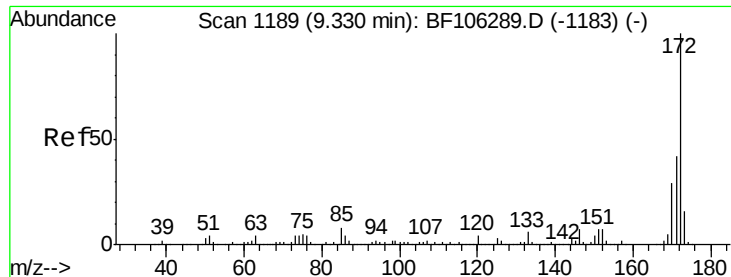
#41  
2,4,6-Tribromophenol  
Concen: 132.811 ng  
RT: 10.80 min Scan# 1439  
Delta R.T. -0.01 min  
Lab File: BF106423.D  
Acq: 14 Jun 2018 6:10

Tgt Ion:330 Resp: 356432  
Ion Ratio Lower Upper  
330 100  
332 97.2 77.0 115.6  
141 27.5 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

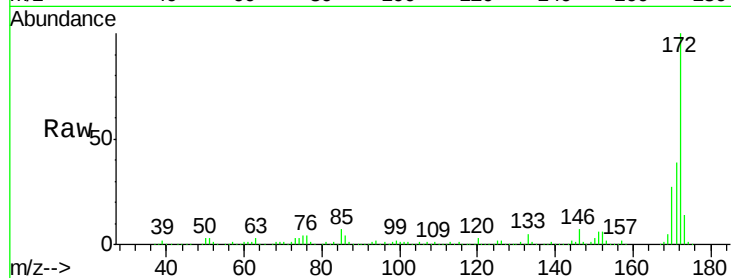




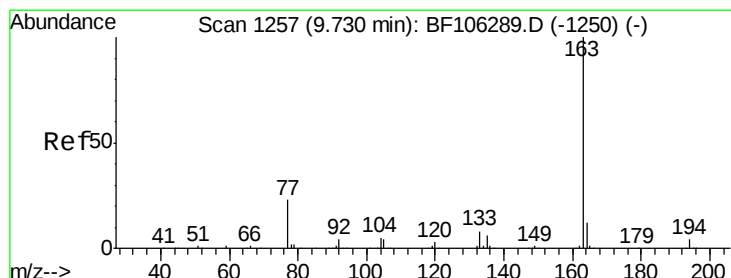
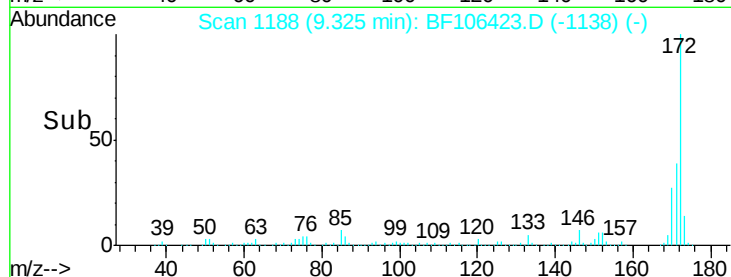
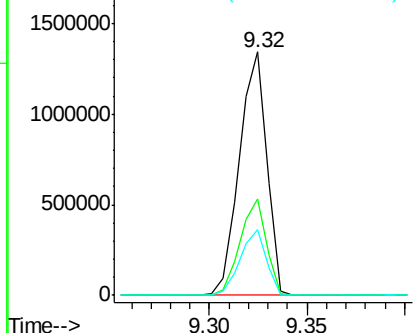
#44  
2-Fluorobiphenyl  
Concen: 82.150 ng  
RT: 9.32 min Scan# 1188  
Delta R.T. -0.01 min  
Lab File: BF106423.D  
Acq: 14 Jun 2018 6:10

Instrument :  
BNA\_F  
ClientSampleId :  
W-27

Tot Ion:172 Resp: 1304109  
Ion Ratio Lower Upper  
172 100  
171 39.5 29.7 44.5  
170 26.8 19.6 29.4

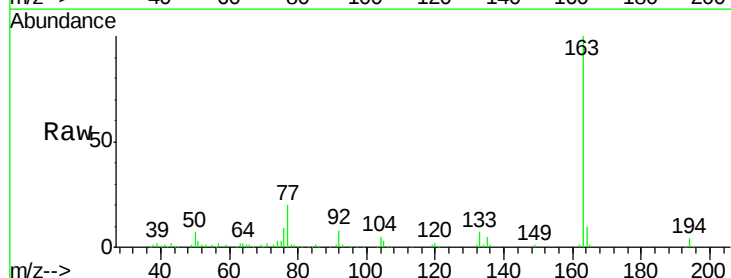


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

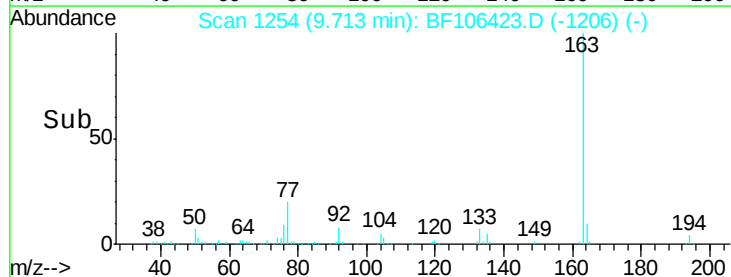
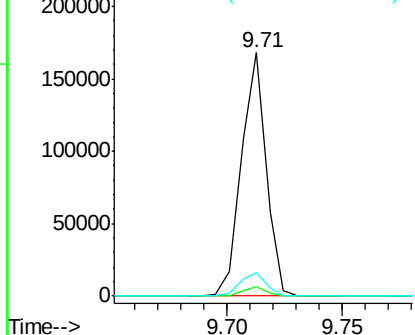


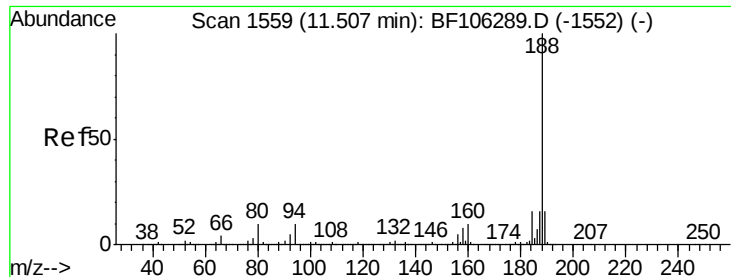
#49  
Dimethylphthalate  
Concen: 6.332 ng  
RT: 9.71 min Scan# 1254  
Delta R.T. -0.02 min  
Lab File: BF106423.D  
Acq: 14 Jun 2018 6:10

Tgt Ion:163 Resp: 126184  
Ion Ratio Lower Upper  
163 100  
194 3.6 2.7 4.1  
164 9.8 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

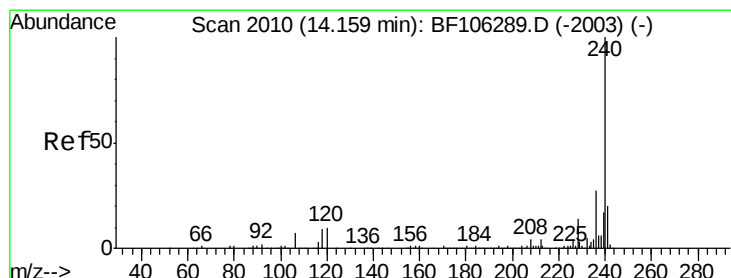
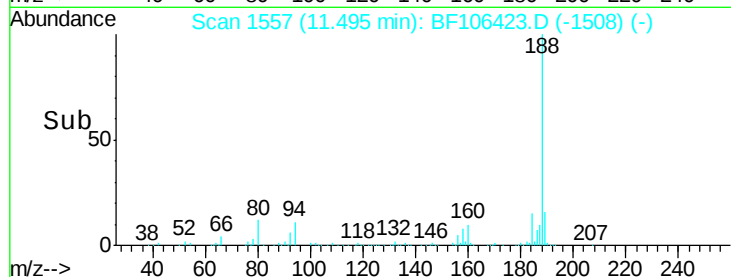
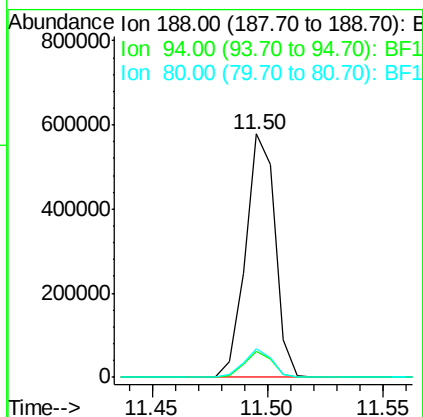
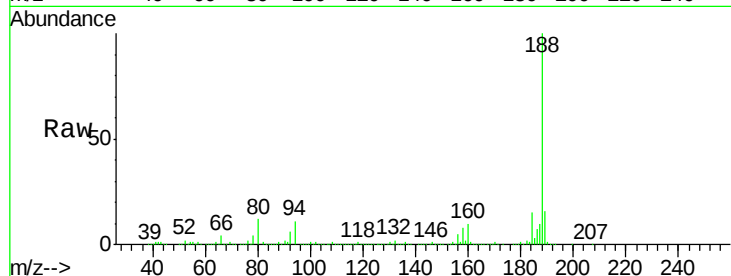




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.50 min Scan# 1557  
Delta R.T. -0.01 min  
Lab File: BF106423.D  
Acq: 14 Jun 2018 6:10

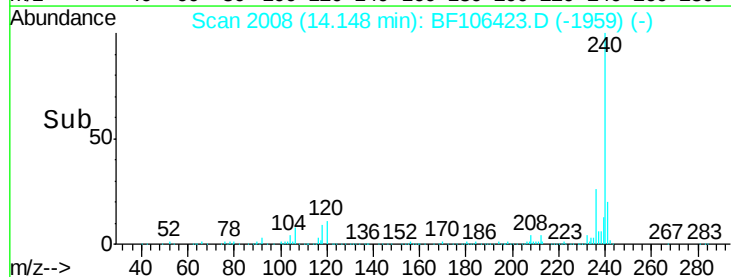
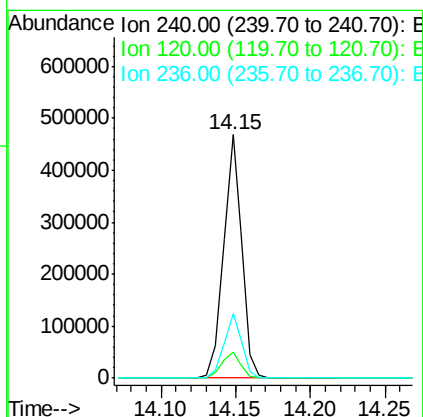
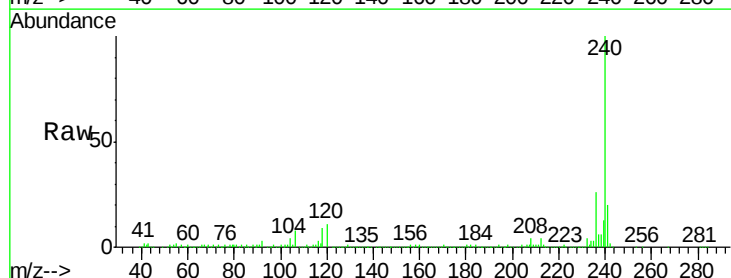
Instrument :  
BNA\_F  
ClientSampleId :  
W-27

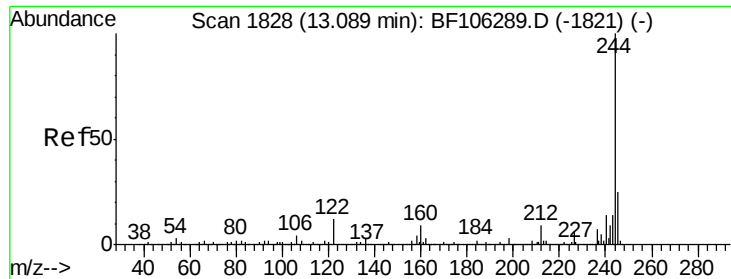
Tot Ion:188 Resp: 516649  
Ion Ratio Lower Upper  
188 100  
94 10.6 8.5 12.7  
80 12.0 9.2 13.8



#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.15 min Scan# 2008  
Delta R.T. -0.01 min  
Lab File: BF106423.D  
Acq: 14 Jun 2018 6:10

Tgt Ion:240 Resp: 403718  
Ion Ratio Lower Upper  
240 100  
120 10.9 9.5 14.3  
236 26.4 20.7 31.1

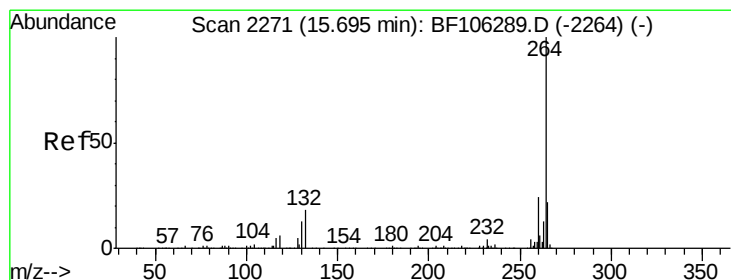
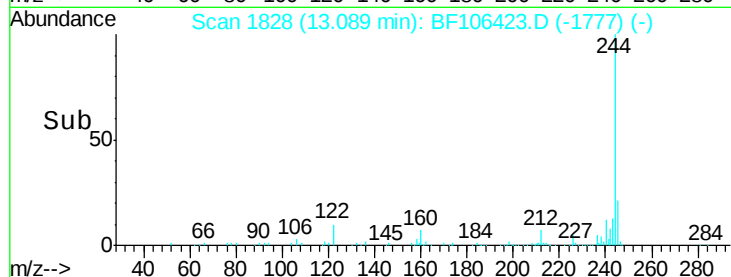
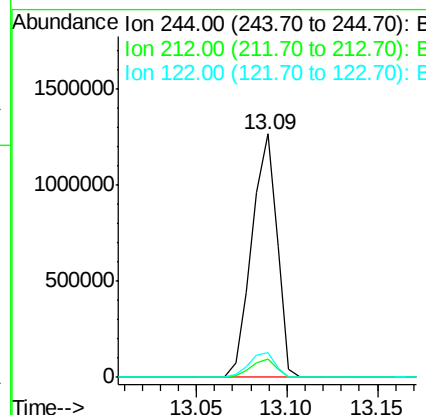
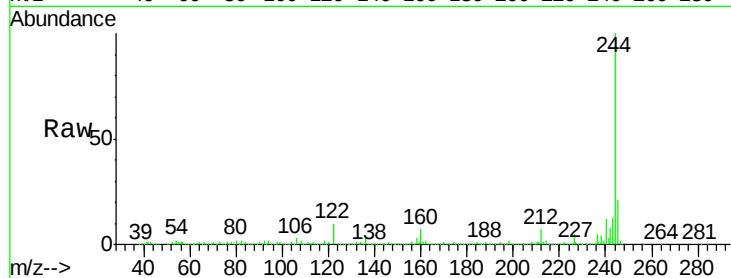




#78  
 Terphenyl-d14  
 Concen: 75.752 ng  
 RT: 13.09 min Scan# 1828  
 Delta R.T. -0.00 min  
 Lab File: BF106423.D  
 Acq: 14 Jun 2018 6:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
 W-27

Tot Ion:244 Resp: 1231290  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 5.4 8.0  
 122 10.3 11.0 16.4#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.68 min Scan# 2268  
 Delta R.T. -0.01 min  
 Lab File: BF106423.D  
 Acq: 14 Jun 2018 6:10

Tgt Ion:264 Resp: 379691  
 Ion Ratio Lower Upper  
 264 100  
 260 24.6 19.2 28.8  
 265 22.0 17.5 26.3

