

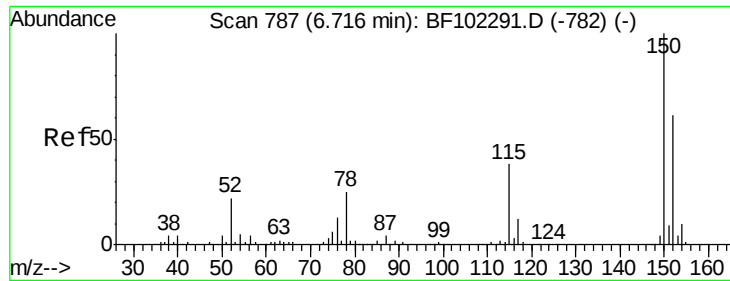
Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF012718\  
 Data File : BF102551.D  
 Acq On : 28 Jan 2018 10:37  
 Operator : SJ/JU  
 Sample : J1321-05  
 Misc :  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OWL-C6-GW

Quant Time: Jan 29 01:00:20 2018  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF012218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Jan 27 20:48:40 2018  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.71  | 152  | 169879   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 7.99  | 136  | 650783   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10        | 9.75  | 164  | 253160   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10        | 11.23 | 188  | 349111   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12            | 13.87 | 240  | 309591   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12            | 15.30 | 264  | 267540   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |       |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.32  | 112  | 615569   | 54.94 | ng    | 0.00     |
| 7) Phenol-d6                | 6.35  | 99   | 463628   | 34.32 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.28  | 82   | 935737   | 82.63 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.54 | 330  | 222011   | 88.51 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.07  | 172  | 1487456  | 86.39 | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.82 | 244  | 981763   | 71.49 | ng    | 0.00     |
| Target Compounds            |       |      |          |       |       |          |
| 10) Phenol                  | 6.37  | 94   | 32569    | 2.209 | ng    | 93       |
| 49) Dimethylphthalate       | 9.46  | 163  | 96378    | 4.606 | ng    | 99       |

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

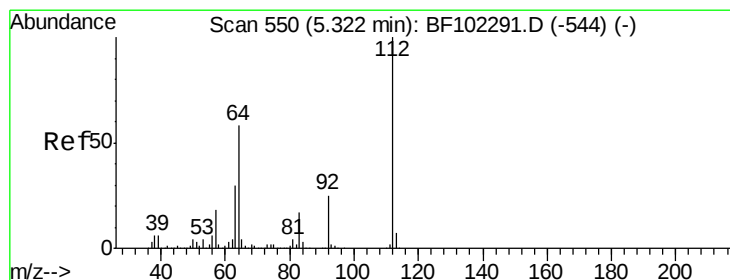
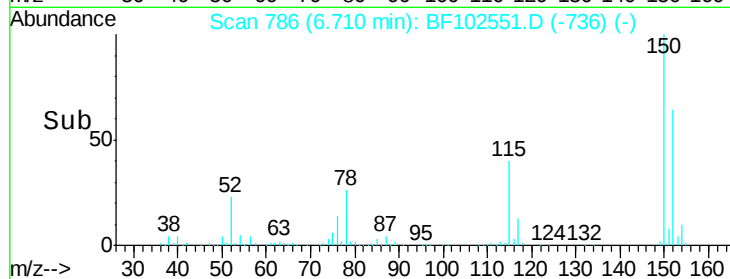
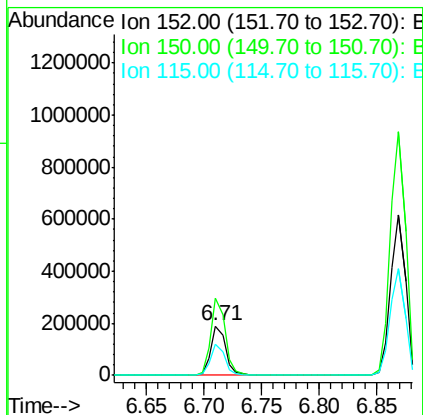
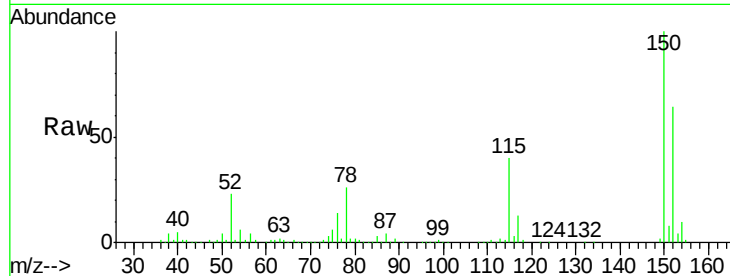


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.71 min Scan# 786  
Delta R.T. -0.01 min  
Lab File: BF102551.D  
Acq: 28 Jan 2018 10:37

Instrument :  
BNA\_F  
ClientSampleId :  
OWL-C6-GW

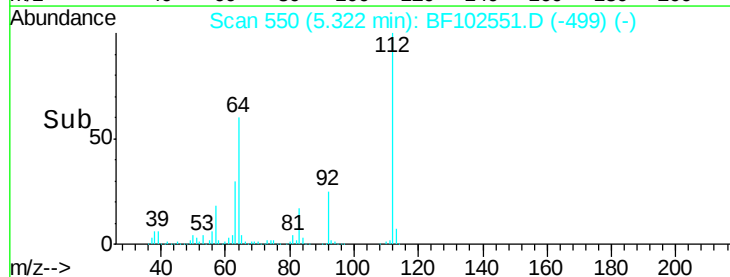
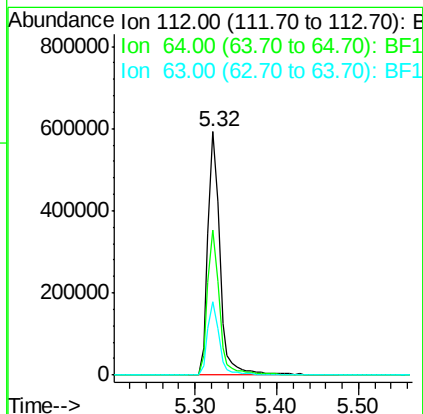
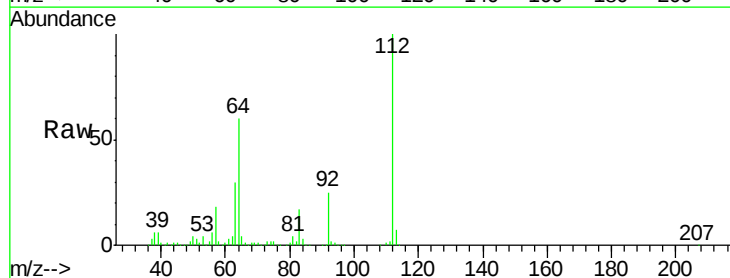
Tgt Ion:152 Resp: 169879  
Ion Ratio Lower Upper  
152 100  
150 156.3 124.6 186.8  
115 63.2 50.1 75.1

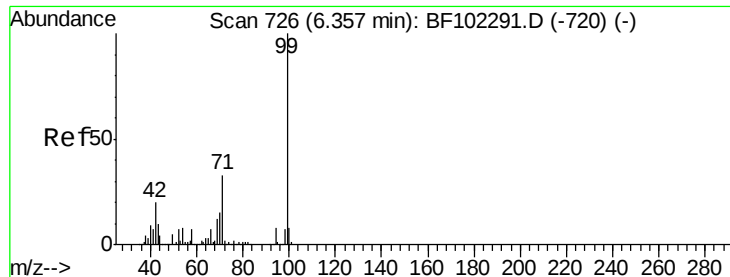


#5

2-Fluorophenol  
Concen: 54.943 ng  
RT: 5.32 min Scan# 550  
Delta R.T. -0.00 min  
Lab File: BF102551.D  
Acq: 28 Jan 2018 10:37

Tgt Ion:112 Resp: 615569  
Ion Ratio Lower Upper  
112 100  
64 59.7 47.9 71.9  
63 29.9 23.7 35.5





#7

Phenol-d6

Concen: 34.324 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF102551.D

Acq: 28 Jan 2018 10:37

Instrument :

BNA\_F

ClientSampleId :

OWL-C6-GW

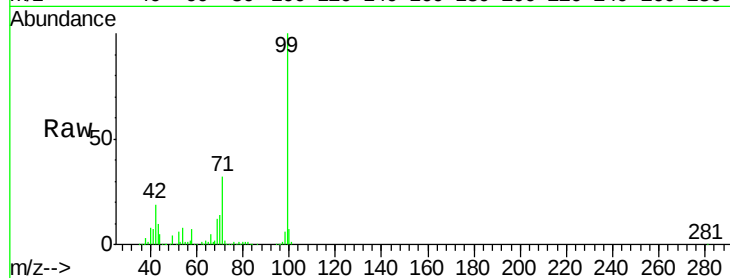
Tgt Ion: 99 Resp: 463628

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

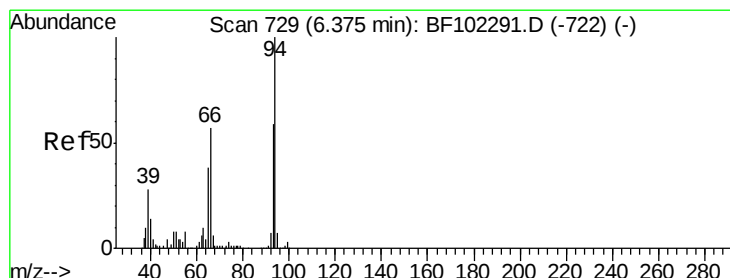
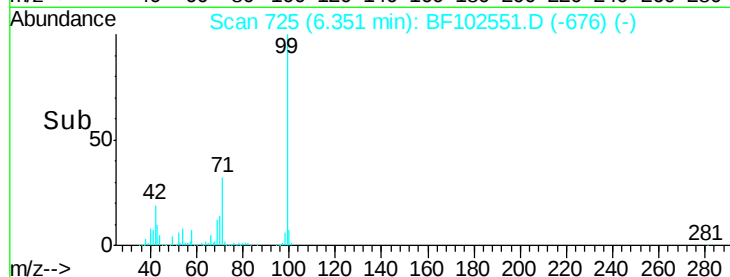
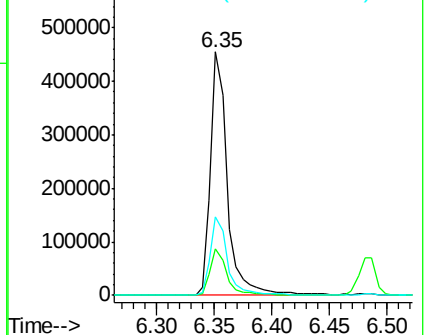
71 32.2 25.4 38.0



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: 2.209 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102551.D

Acq: 28 Jan 2018 10:37

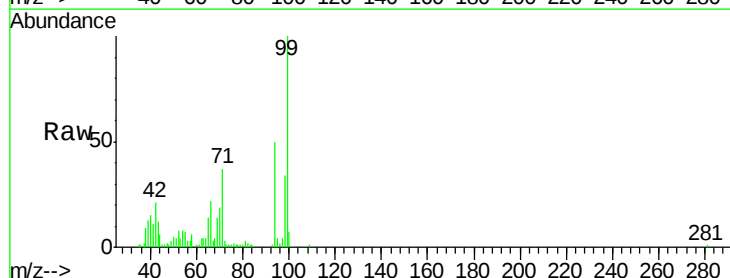
Tgt Ion: 94 Resp: 32569

Ion Ratio Lower Upper

94 100

65 28.1 7.9 47.9

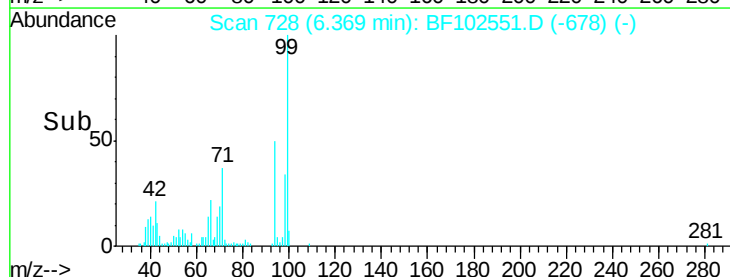
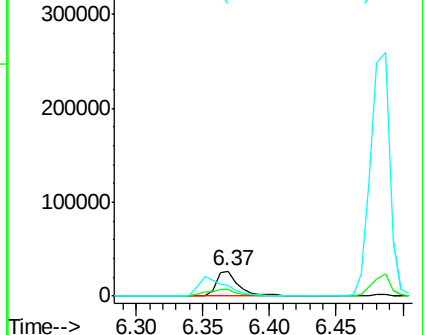
66 43.5 16.2 56.2

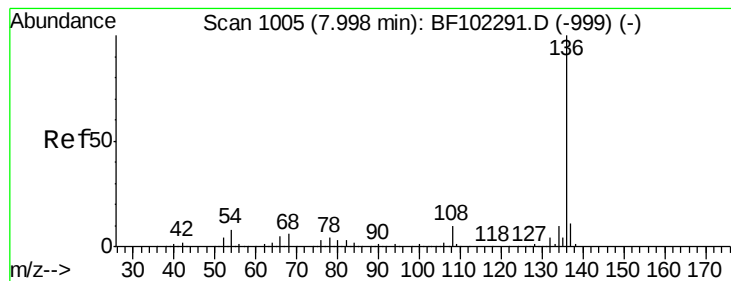


Abundance Ion 94.00 (93.70 to 94.70): BF1

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: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF102551.D

Acq: 28 Jan 2018 10:37

Instrument :

BNA\_F

ClientSampleId :

OWL-C6-GW

Tgt Ion: 136 Resp: 650783

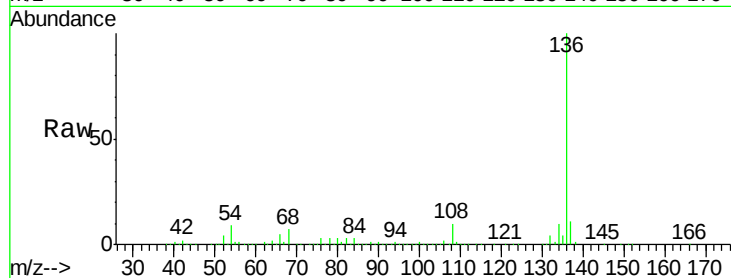
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.9 6.6 9.8

68 6.6 5.0 7.4

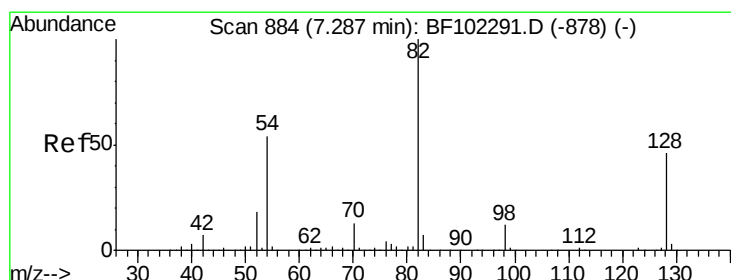
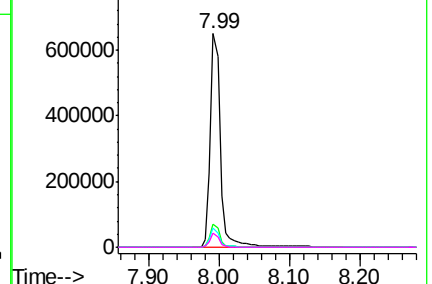
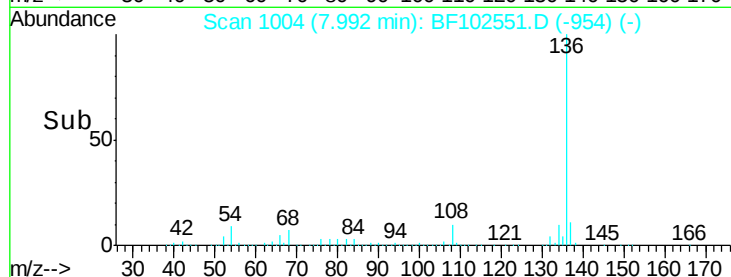


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.630 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF102551.D

Acq: 28 Jan 2018 10:37

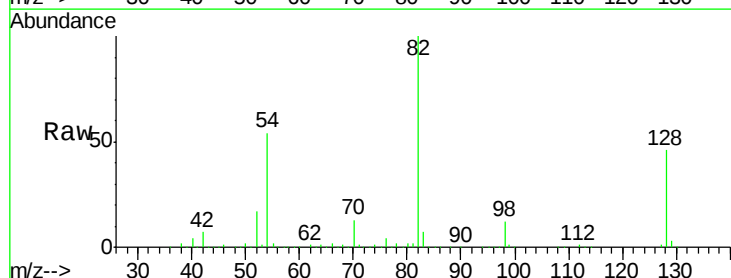
Tgt Ion: 82 Resp: 935737

Ion Ratio Lower Upper

82 100

128 46.2 36.1 54.1

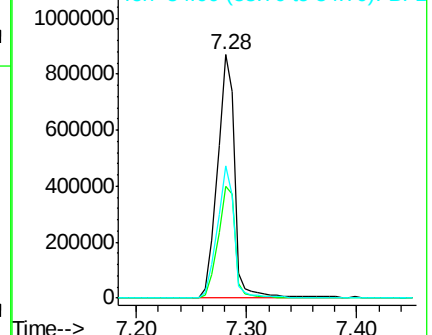
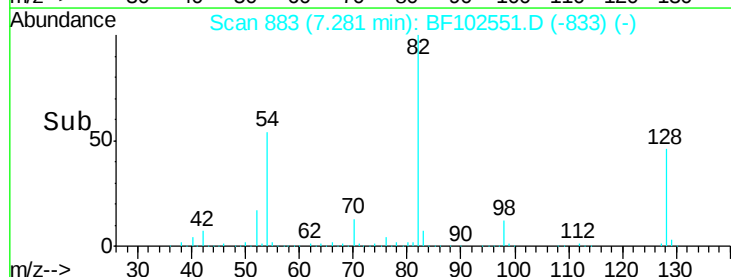
54 54.1 41.4 62.2

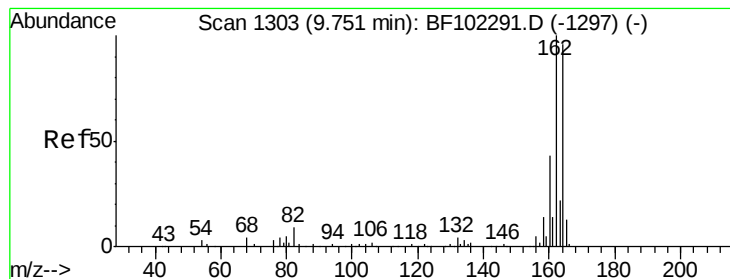


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF102551.D

Acq: 28 Jan 2018 10:37

Instrument :

BNA\_F

ClientSampleId :

OWL-C6-GW

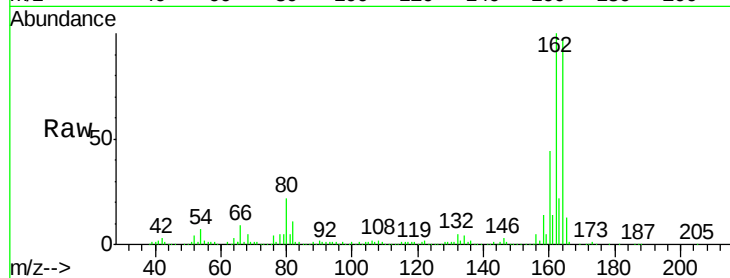
Tgt Ion:164 Resp: 253160

Ion Ratio Lower Upper

164 100

162 102.8 86.1 129.1

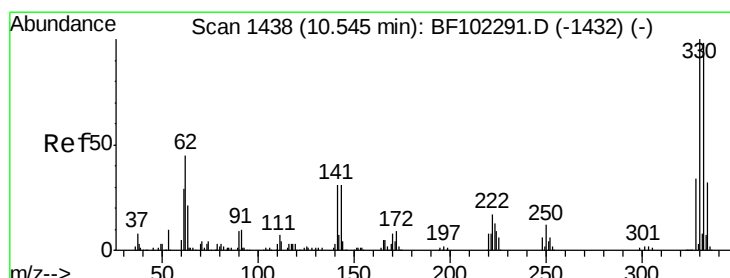
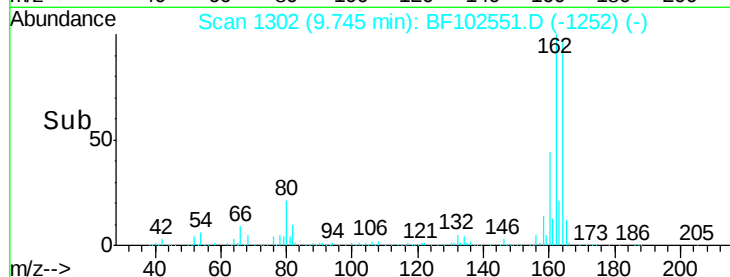
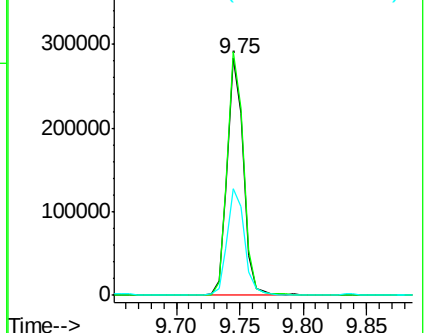
160 45.2 38.3 57.5



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: 88.505 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF102551.D

Acq: 28 Jan 2018 10:37

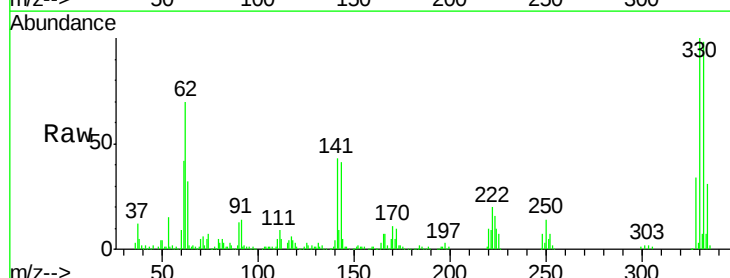
Tgt Ion:330 Resp: 222011

Ion Ratio Lower Upper

330 100

332 98.2 77.0 115.6

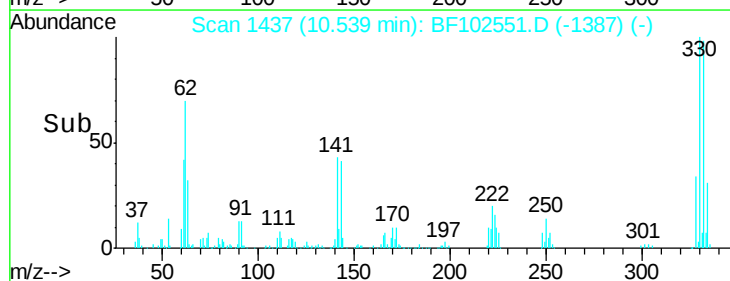
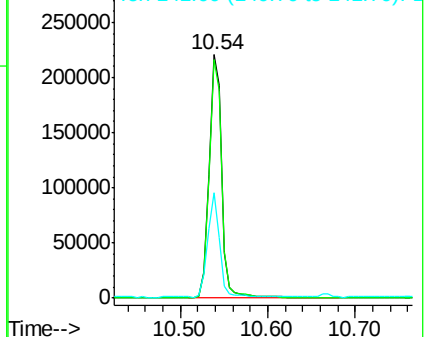
141 40.2 29.9 44.9

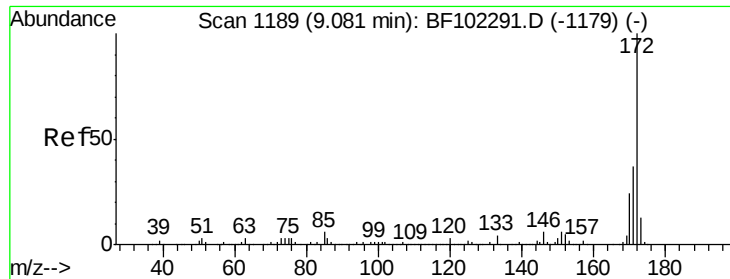


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

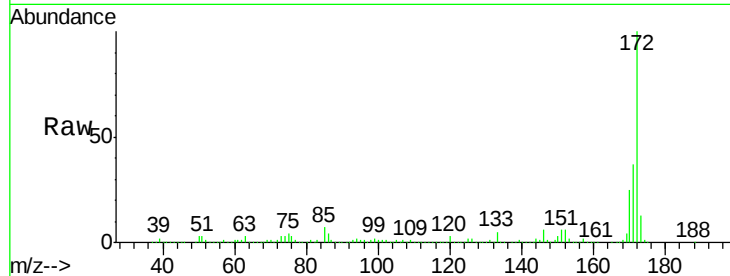




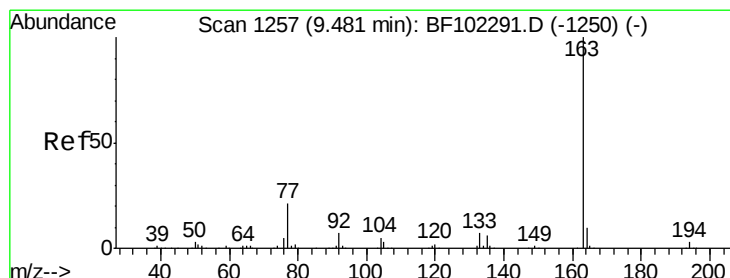
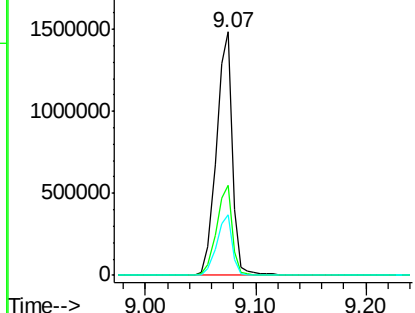
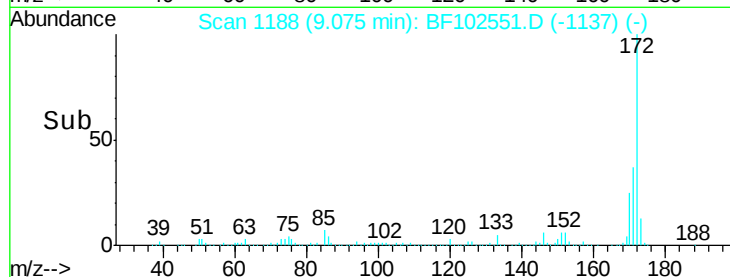
#44  
2-Fluorobiphenyl  
Concen: 86.391 ng  
RT: 9.07 min Scan# 1188  
Delta R.T. -0.00 min  
Lab File: BF102551.D  
Acq: 28 Jan 2018 10:37

Instrument :  
BNA\_F  
ClientSampleId :  
OWL-C6-GW

Tgt Ion:172 Resp: 1487456  
Ion Ratio Lower Upper  
172 100  
171 36.9 29.7 44.5  
170 24.7 19.6 29.4

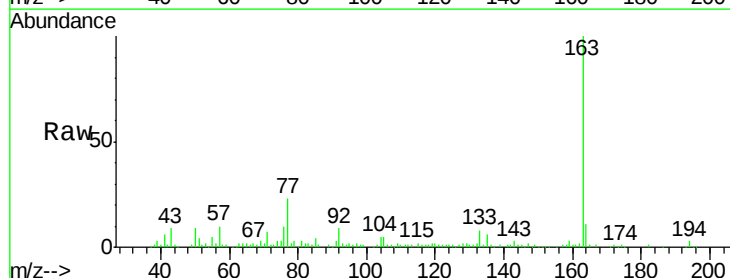


Abundance Ion 172.00 (171.70 to 172.70): E  
2000000 Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

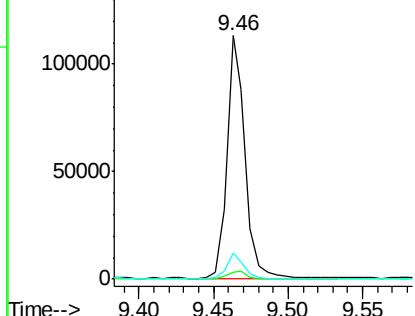
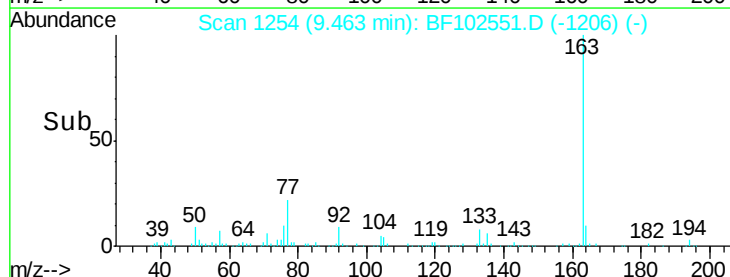


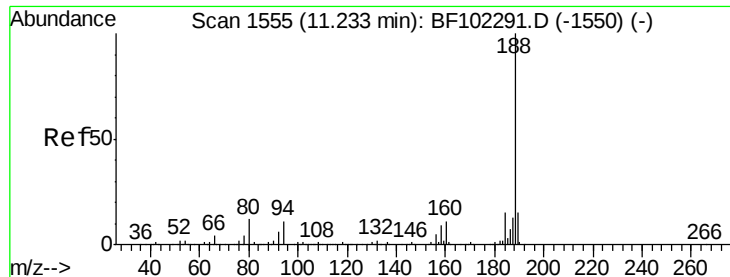
#49  
Dimethylphthalate  
Concen: 4.606 ng  
RT: 9.46 min Scan# 1254  
Delta R.T. -0.02 min  
Lab File: BF102551.D  
Acq: 28 Jan 2018 10:37

Tgt Ion:163 Resp: 96378  
Ion Ratio Lower Upper  
163 100  
194 2.9 2.7 4.1  
164 10.6 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E  
150000 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: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF102551.D

Acq: 28 Jan 2018 10:37

Instrument :

BNA\_F

ClientSampleId :

OWL-C6-GW

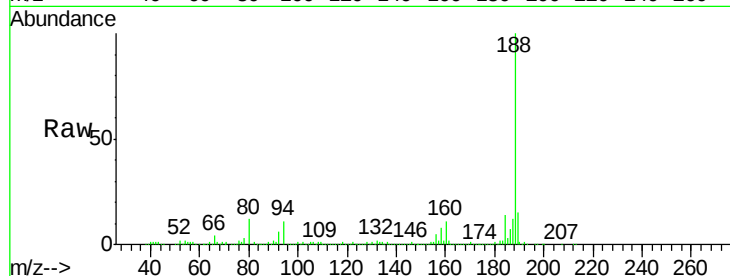
Tgt Ion:188 Resp: 349111

Ion Ratio Lower Upper

188 100

94 11.3 8.5 12.7

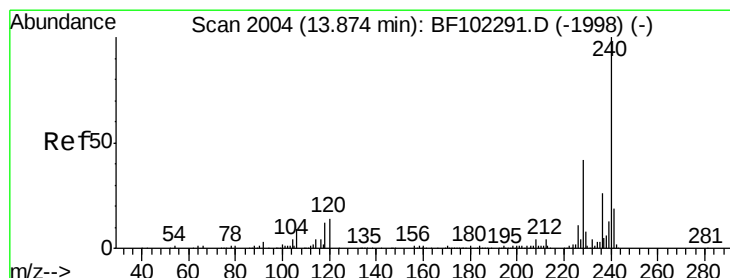
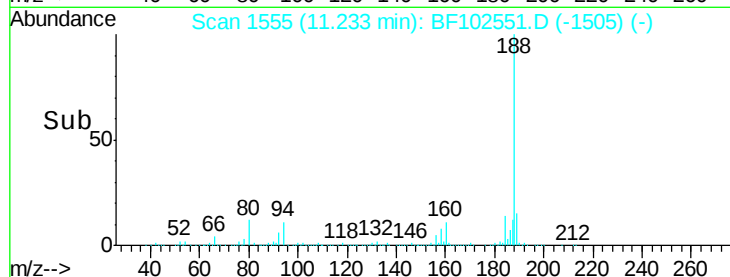
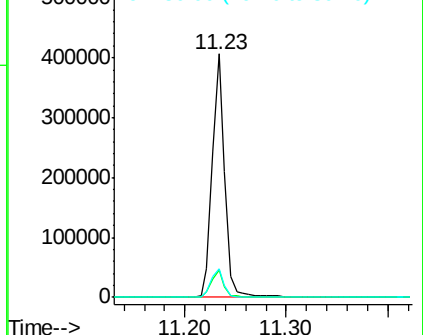
80 11.9 9.2 13.8



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: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF102551.D

Acq: 28 Jan 2018 10:37

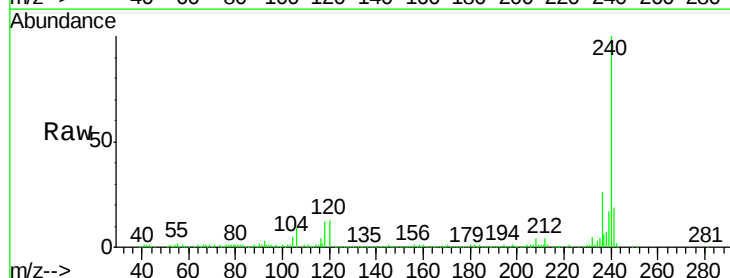
Tgt Ion:240 Resp: 309591

Ion Ratio Lower Upper

240 100

120 12.8 9.5 14.3

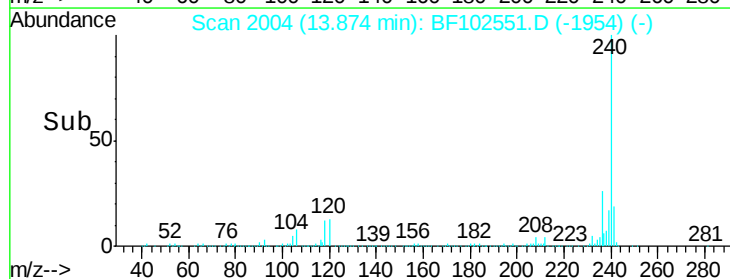
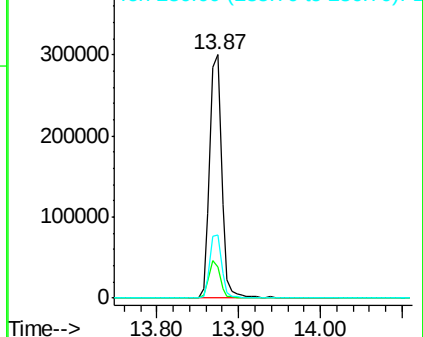
236 25.9 20.7 31.1

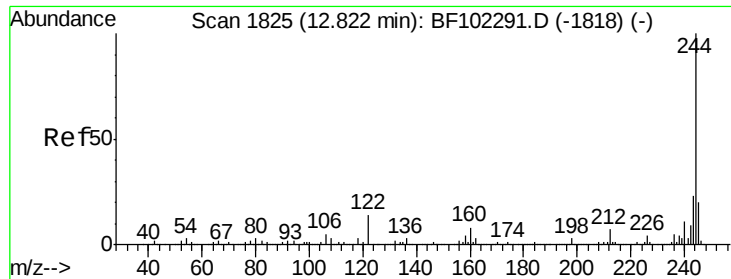


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

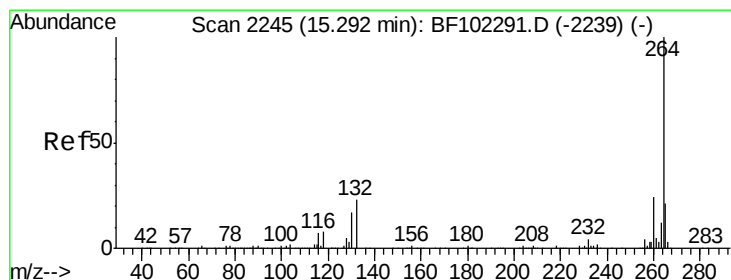
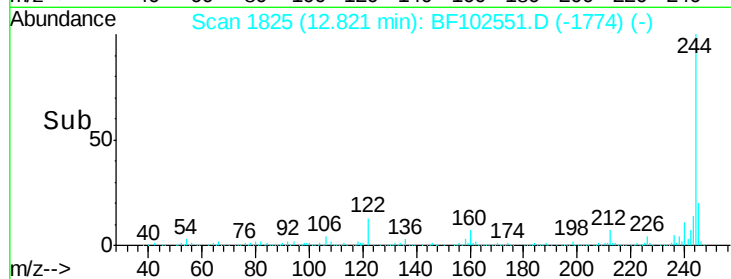
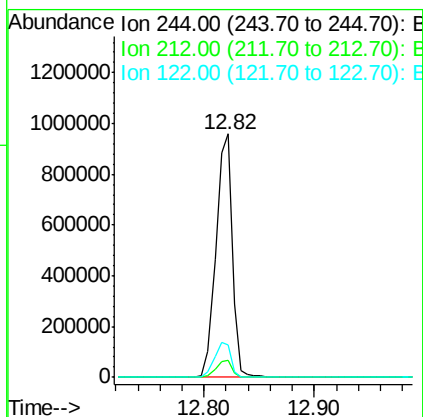
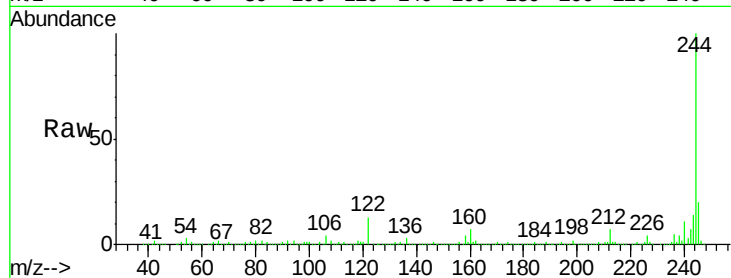




#78  
 Terphenyl-d14  
 Concen: 71.489 ng  
 RT: 12.82 min Scan# 1825  
 Delta R.T. -0.00 min  
 Lab File: BF102551.D  
 Acq: 28 Jan 2018 10:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OWL-C6-GW

Tgt Ion: 244 Resp: 981763  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.4 8.0  
 122 13.4 11.0 16.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.30 min Scan# 2246  
 Delta R.T. -0.01 min  
 Lab File: BF102551.D  
 Acq: 28 Jan 2018 10:37

Tgt Ion: 264 Resp: 267540  
 Ion Ratio Lower Upper  
 264 100  
 260 24.2 19.2 28.8  
 265 20.8 17.5 26.3

