

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\  
 Data File : BF102953.D  
 Acq On : 13 Feb 2018 11:27  
 Operator : SJ/JU  
 Sample : J1519-06  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 A2\_SB39\_N\_8

Quant Time: Feb 14 00:19:18 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 05 00:38:27 2018  
 Response via : Initial Calibration

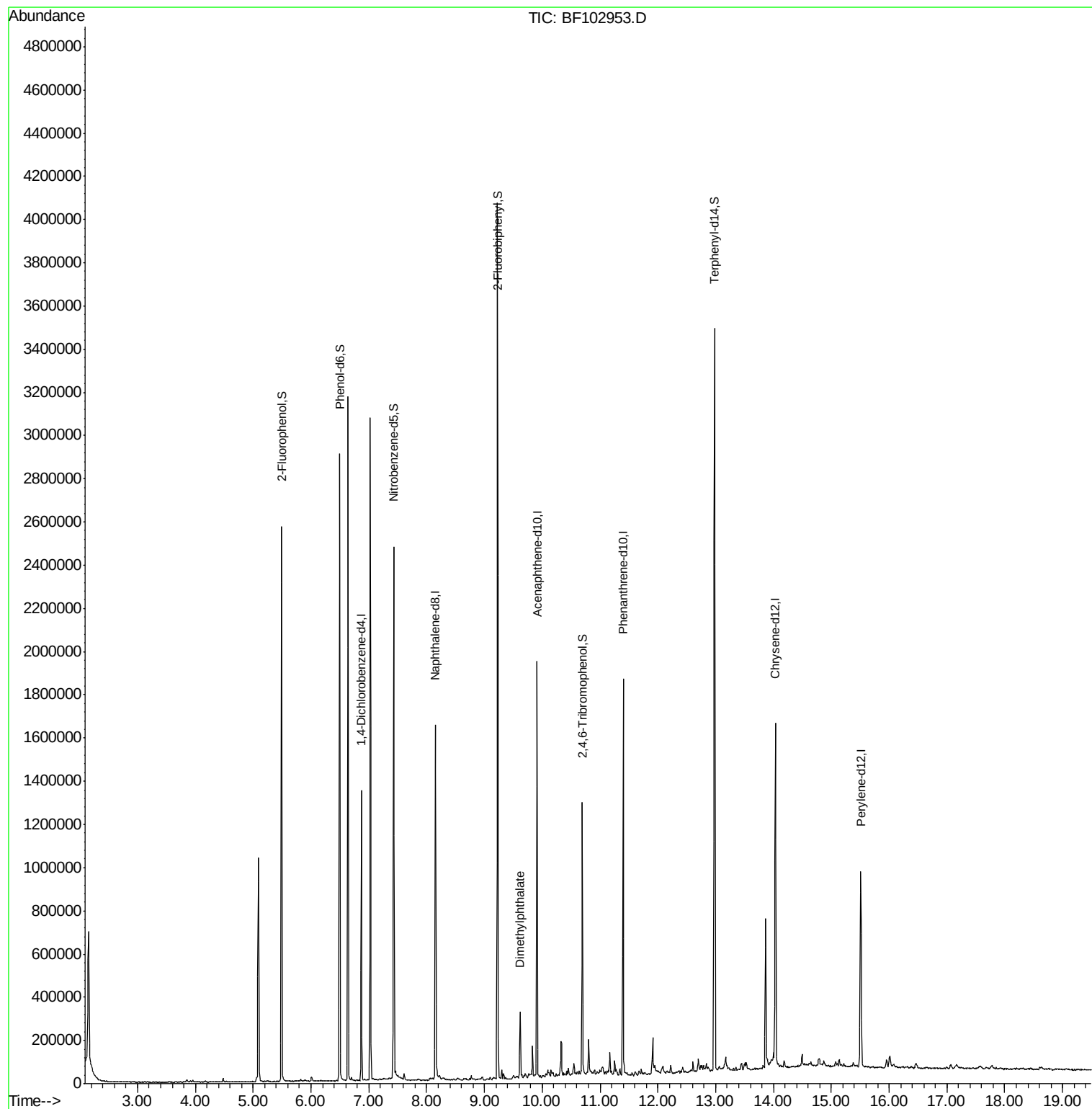
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|-------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.87  | 152  | 177180   | 20.00 | ng    | -0.01        |
| 21) Naphthalene-d8          | 8.15  | 136  | 754874   | 20.00 | ng    | -0.01        |
| 38) Acenaphthene-d10        | 9.91  | 164  | 352661   | 20.00 | ng    | 0.00         |
| 63) Phenanthrene-d10        | 11.40 | 188  | 631875   | 20.00 | ng    | 0.00         |
| 75) Chrysene-d12            | 14.03 | 240  | 479752   | 20.00 | ng    | 0.00         |
| 86) Perylene-d12            | 15.51 | 264  | 394998   | 20.00 | ng    | 0.00         |
| System Monitoring Compounds |       |      |          |       |       |              |
| 5) 2-Fluorophenol           | 5.49  | 112  | 695473   | 59.61 | ng    | 0.00         |
| 7) Phenol-d6                | 6.50  | 99   | 967849   | 68.90 | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 7.43  | 82   | 759729   | 69.82 | ng    | -0.01        |
| 41) 2,4,6-Tribromophenol    | 10.70 | 330  | 135300   | 47.67 | ng    | 0.00         |
| 44) 2-Fluorobiphenyl        | 9.23  | 172  | 1233799  | 58.05 | ng    | -0.01        |
| 78) Terphenyl-d14           | 12.98 | 244  | 1179473  | 58.21 | ng    | 0.00         |
| Target Compounds            |       |      |          |       |       |              |
| 49) Dimethylphthalate       | 9.62  | 163  | 112138   | 4.078 | ng    | Qvalue<br>99 |

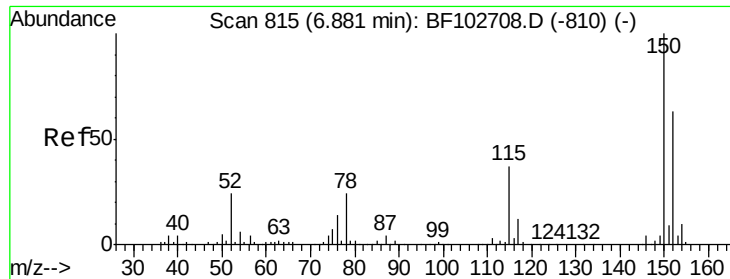
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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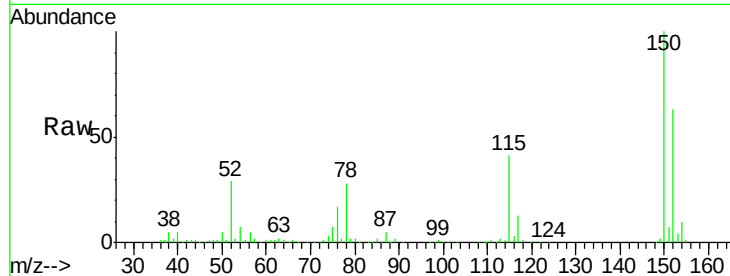


#1

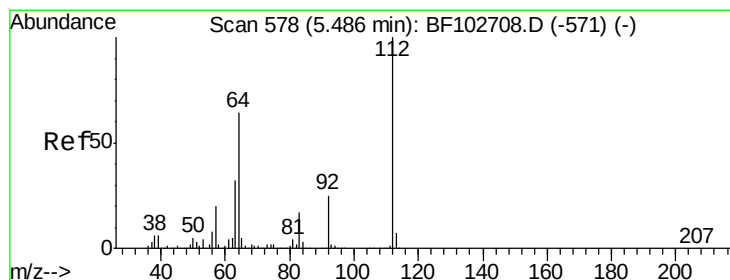
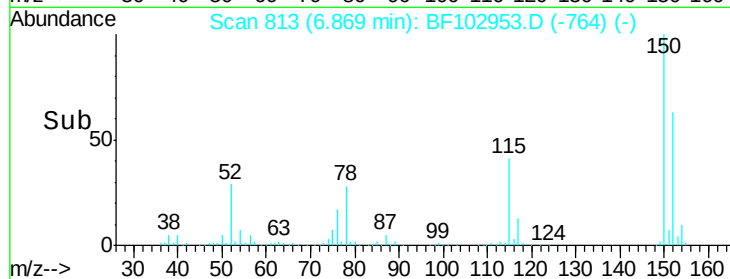
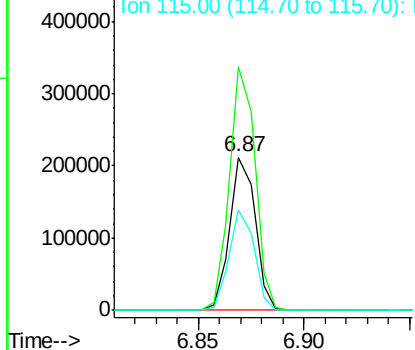
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.87 min Scan# 813  
Delta R.T. -0.01 min  
Lab File: BF102953.D  
Acq: 13 Feb 2018 11:27

Instrument :  
BNA\_F  
ClientSampleId :  
A2\_SB39\_N\_8

Tot Ion:152 Resp: 177180  
Ion Ratio Lower Upper  
152 100  
150 159.1 124.6 186.8  
115 65.2 50.1 75.1



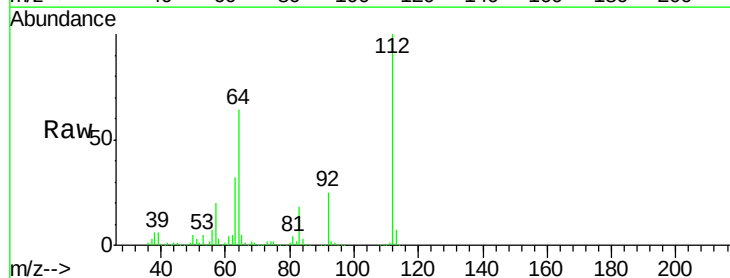
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



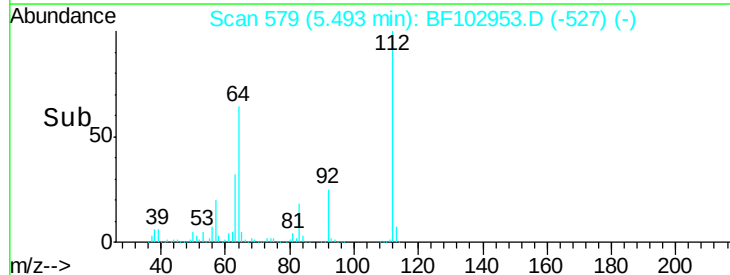
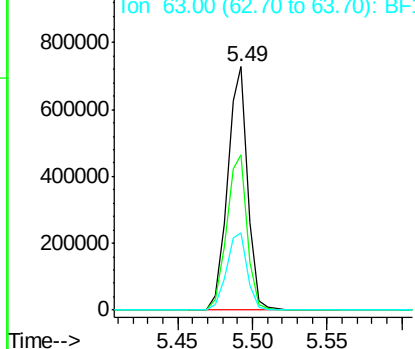
#5

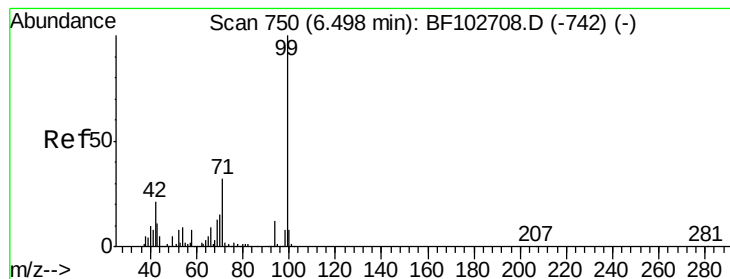
2-Fluorophenol  
Concen: 59.611 ng  
RT: 5.49 min Scan# 579  
Delta R.T. 0.01 min  
Lab File: BF102953.D  
Acq: 13 Feb 2018 11:27

Tgt Ion:112 Resp: 695473  
Ion Ratio Lower Upper  
112 100  
64 63.7 47.9 71.9  
63 31.9 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: 68.898 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF102953.D

Acq: 13 Feb 2018 11:27

Instrument :

BNA\_F

ClientSampleId :

A2\_SB39\_N\_8

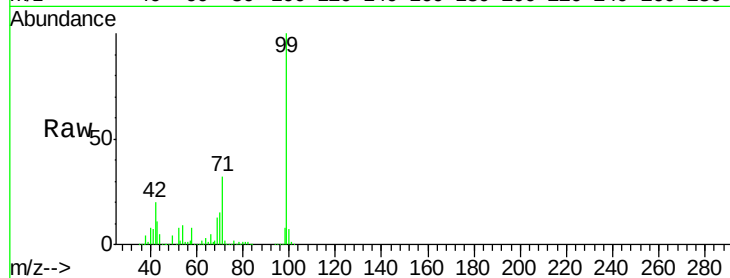
Tot Ion: 99 Resp: 967849

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

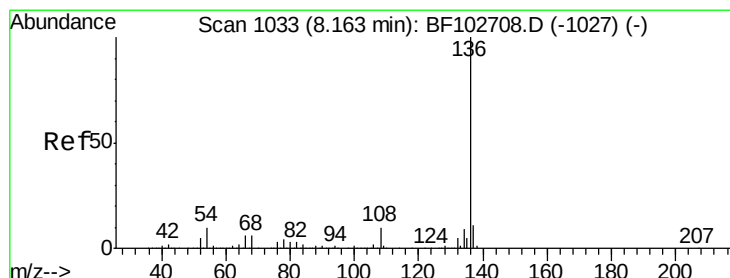
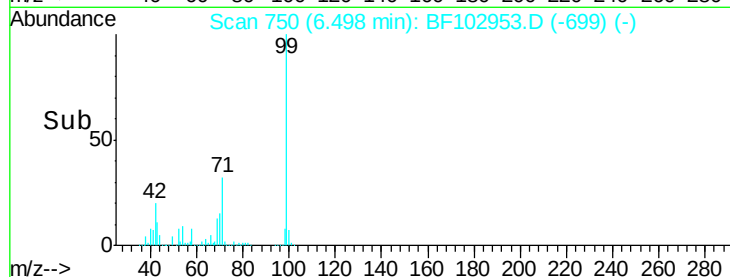
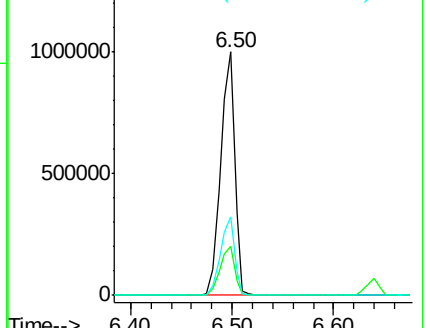
71 32.3 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF102953.D

Acq: 13 Feb 2018 11:27

Tgt Ion: 136 Resp: 754874

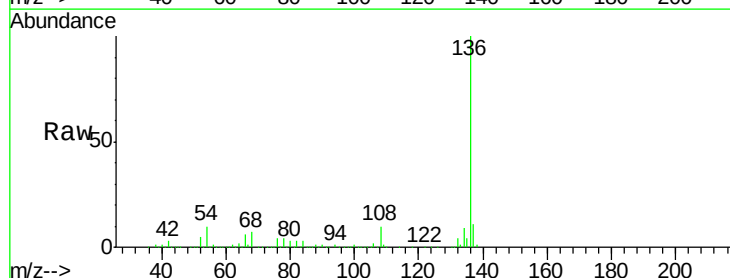
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 10.0 6.6 9.8#

68 7.0 5.0 7.4

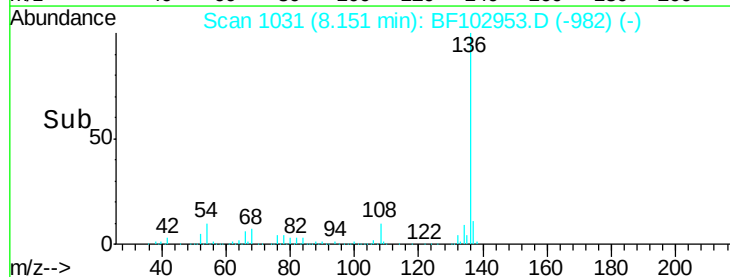
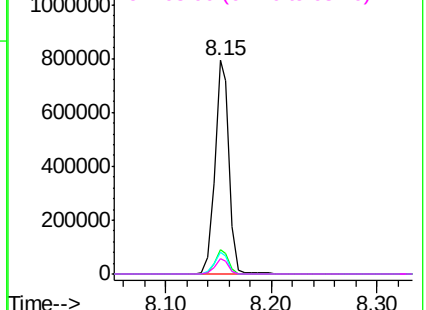


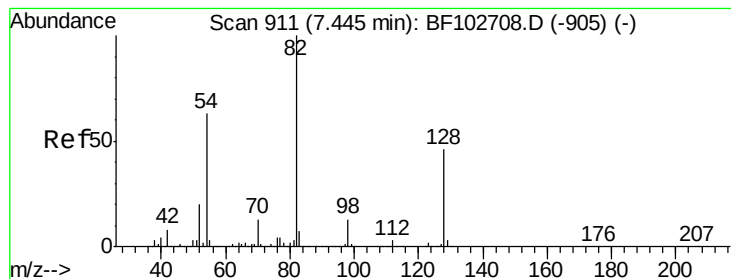
Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.817 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF102953.D

Acq: 13 Feb 2018 11:27

Instrument :

BNA\_F

ClientSampleId :

A2\_SB39\_N\_8

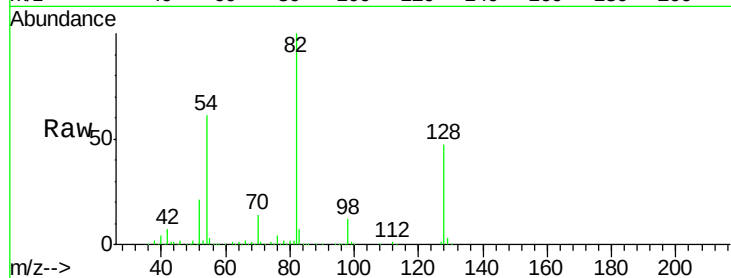
Tot Ion: 82 Resp: 759729

Ion Ratio Lower Upper

82 100

128 46.6 36.1 54.1

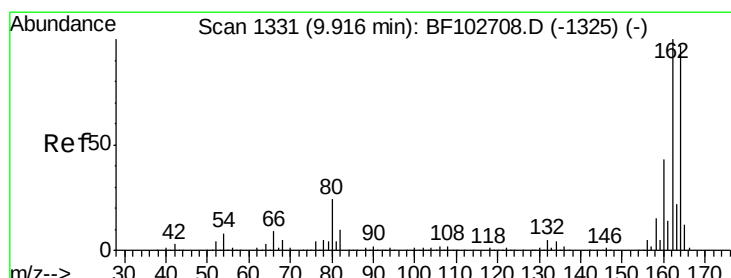
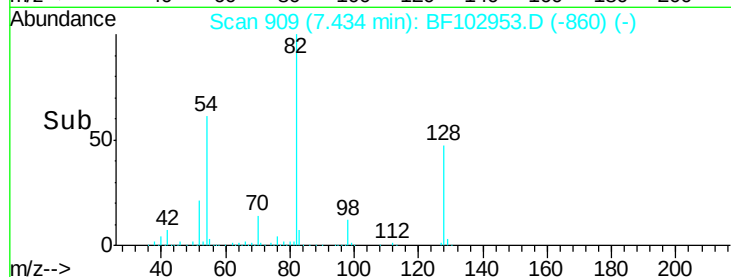
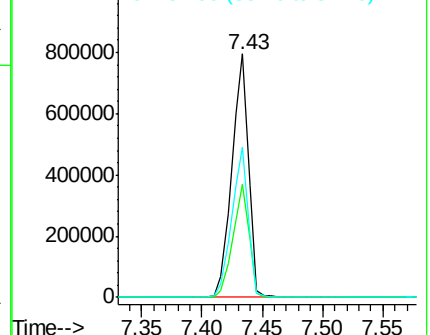
54 61.5 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF102953.D

Acq: 13 Feb 2018 11:27

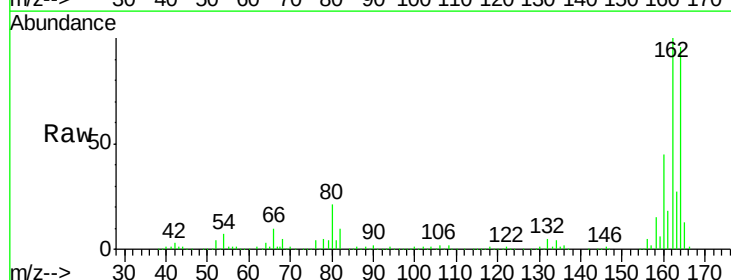
Tgt Ion: 164 Resp: 352661

Ion Ratio Lower Upper

164 100

162 104.4 86.1 129.1

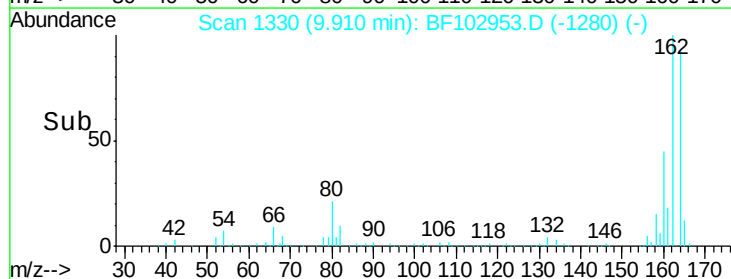
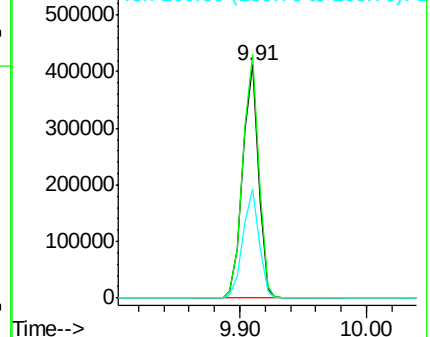
160 46.8 38.3 57.5

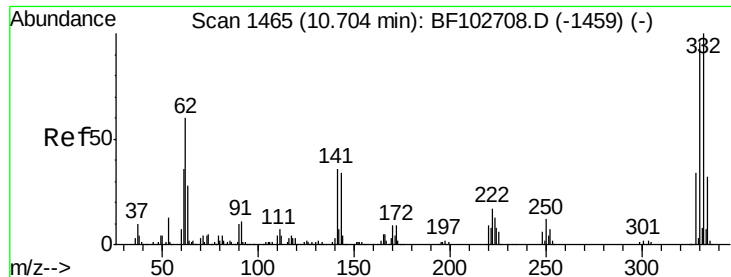


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#41

2,4,6-Tribromophenol

Concen: 47.666 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.01 min

Lab File: BF102953.D

Acq: 13 Feb 2018 11:27

Instrument :

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ClientSampleId :

A2\_SB39\_N\_8

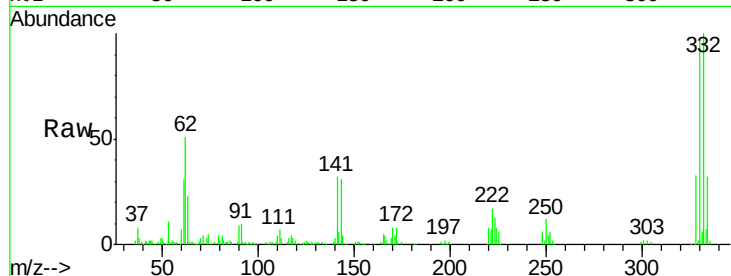
Tot Ion:330 Resp: 135300

Ion Ratio Lower Upper

330 100

332 103.2 77.0 115.6

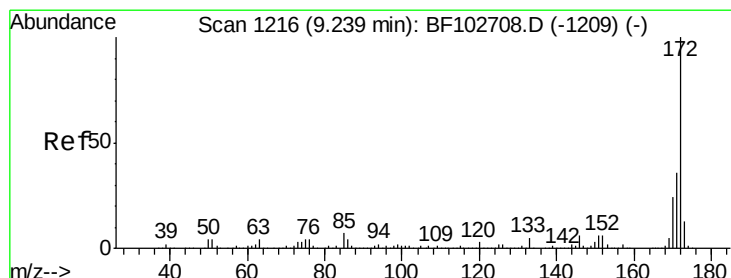
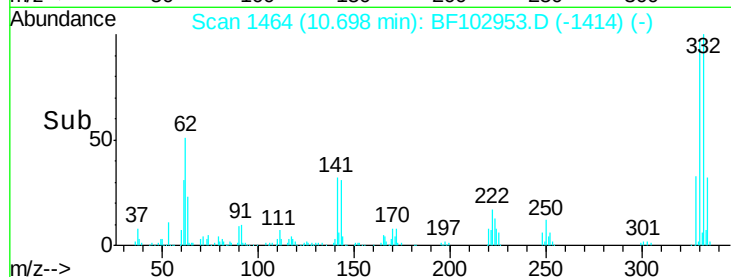
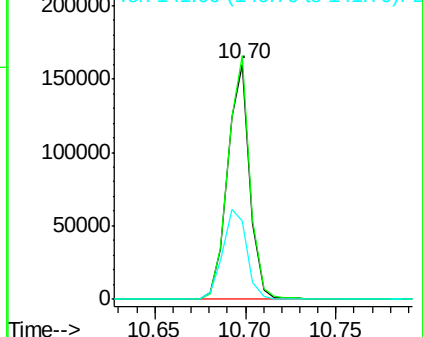
141 42.2 29.9 44.9



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: 58.053 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF102953.D

Acq: 13 Feb 2018 11:27

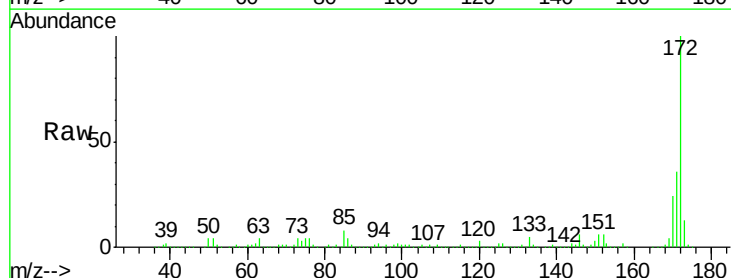
Tgt Ion:172 Resp: 1233799

Ion Ratio Lower Upper

172 100

171 36.1 29.7 44.5

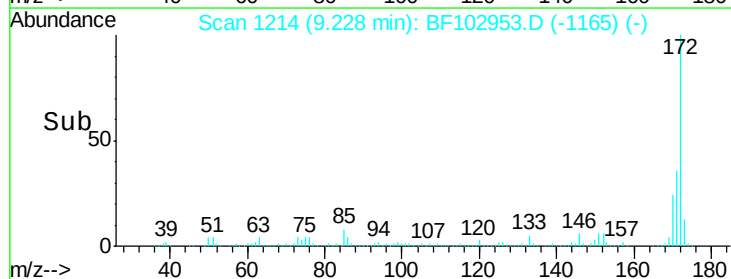
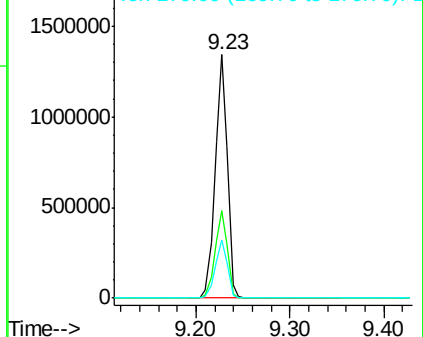
170 24.1 19.6 29.4

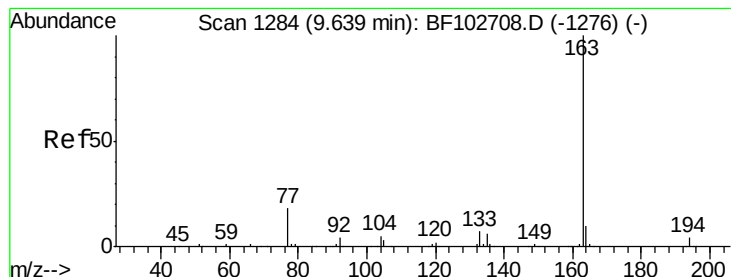


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 4.078 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BF102953.D

Acq: 13 Feb 2018 11:27

Instrument :

BNA\_F

ClientSampleId :

A2\_SB39\_N\_8

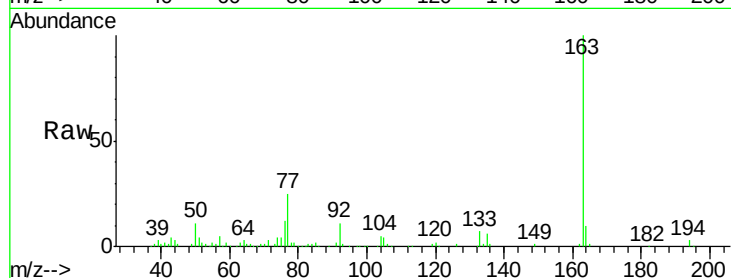
Tot Ion:163 Resp: 112138

Ion Ratio Lower Upper

163 100

194 2.9 2.7 4.1

164 10.3 8.2 12.2

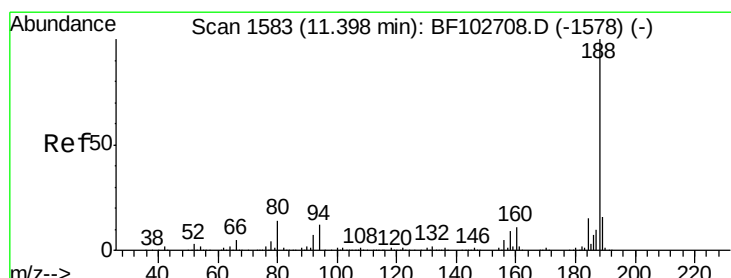
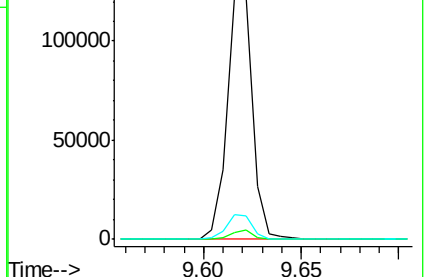
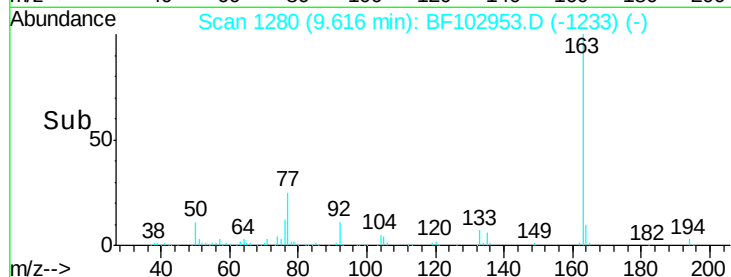


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

9.62



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF102953.D

Acq: 13 Feb 2018 11:27

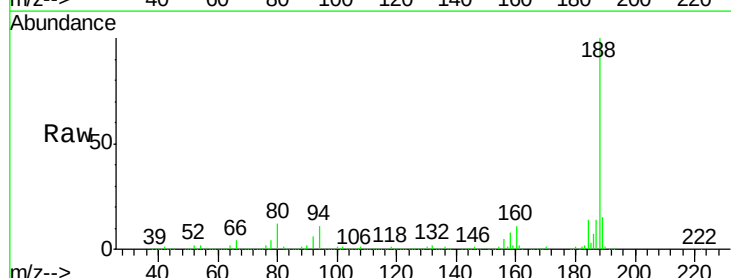
Tgt Ion:188 Resp: 631875

Ion Ratio Lower Upper

188 100

94 11.2 8.5 12.7

80 12.2 9.2 13.8

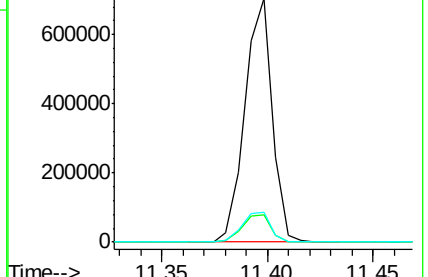
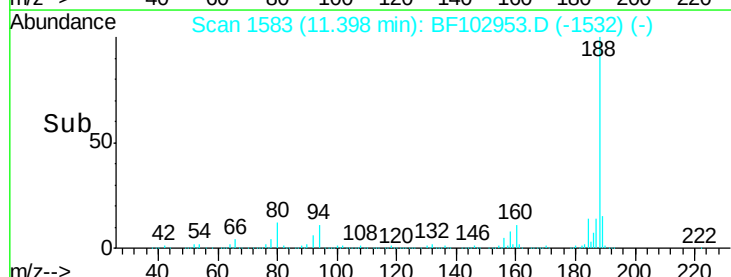


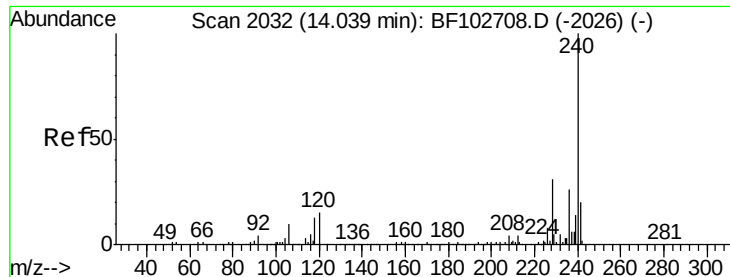
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

11.40





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF102953.D

Acq: 13 Feb 2018 11:27

Instrument :

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ClientSampleId :

A2\_SB39\_N\_8

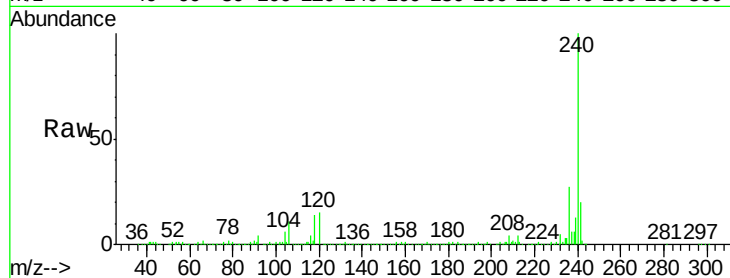
Tot Ion:240 Resp: 479752

Ion Ratio Lower Upper

240 100

120 15.3 9.5 14.3#

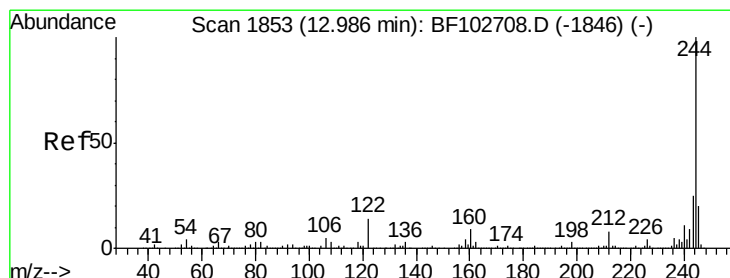
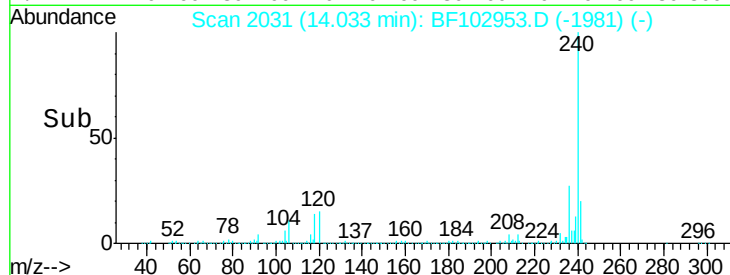
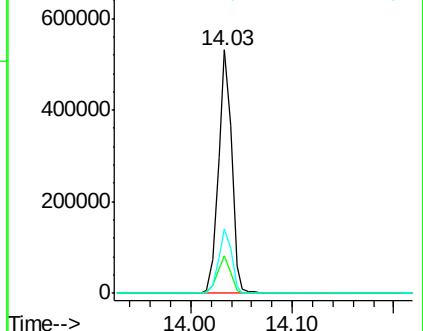
236 26.7 20.7 31.1



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: 58.212 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF102953.D

Acq: 13 Feb 2018 11:27

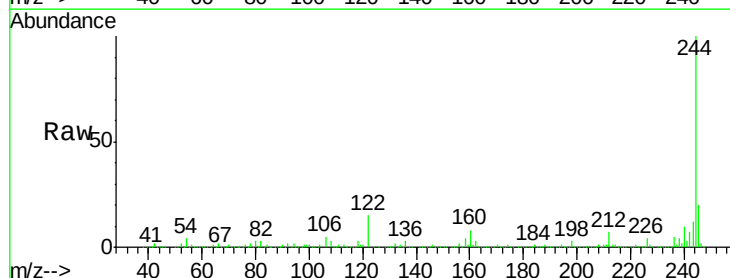
Tgt Ion:244 Resp: 1179473

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

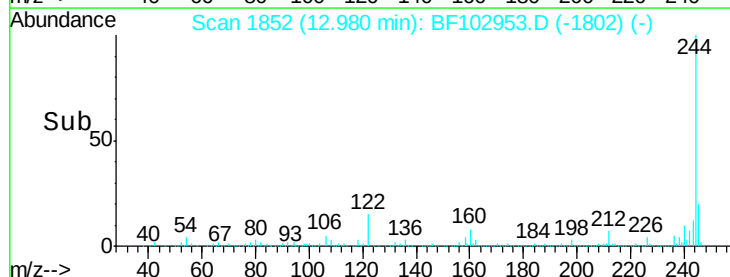
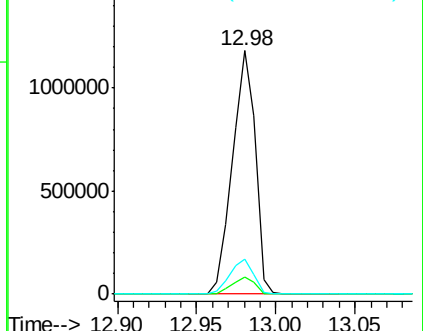
122 14.6 11.0 16.4



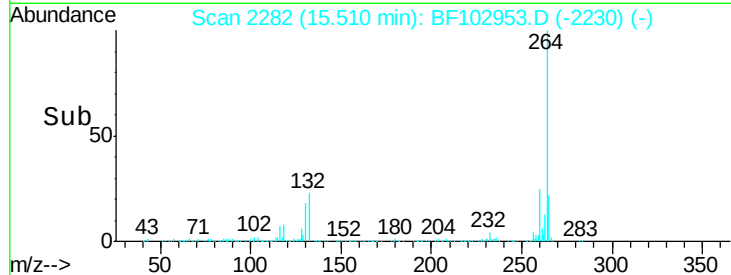
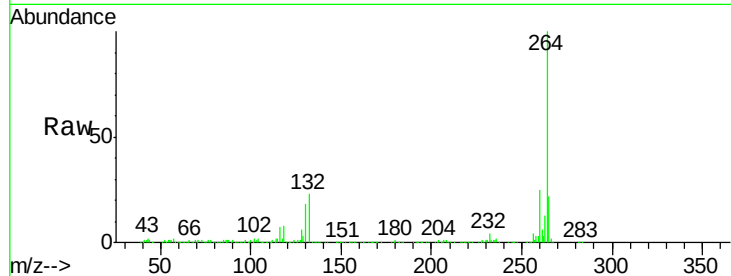
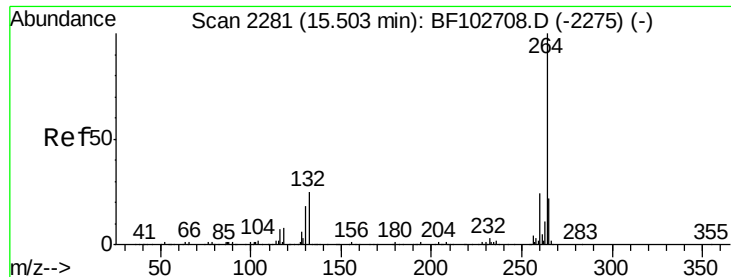
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E







#86  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 15.51 min Scan# 2282  
 Delta R.T. 0.01 min  
 Lab File: BF102953.D  
 Acq: 13 Feb 2018 11:27

Instrument :  
 BNA\_F  
 ClientSampleId :  
 A2\_SB39\_N\_8

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 264   | Resp: | 394998 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 25.0  | 19.2  | 28.8   |
| 265      | 21.8  | 17.5  | 26.3   |

