

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\  
 Data File : BF104208.D  
 Acq On : 4 Apr 2018 4:05  
 Operator : JU/SJ  
 Sample : J2182-02  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 6-WM-DIP-1-EW@10.5

Quant Time: Apr 04 05:35:22 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 03 15:22:43 2018  
 Response via : Initial Calibration

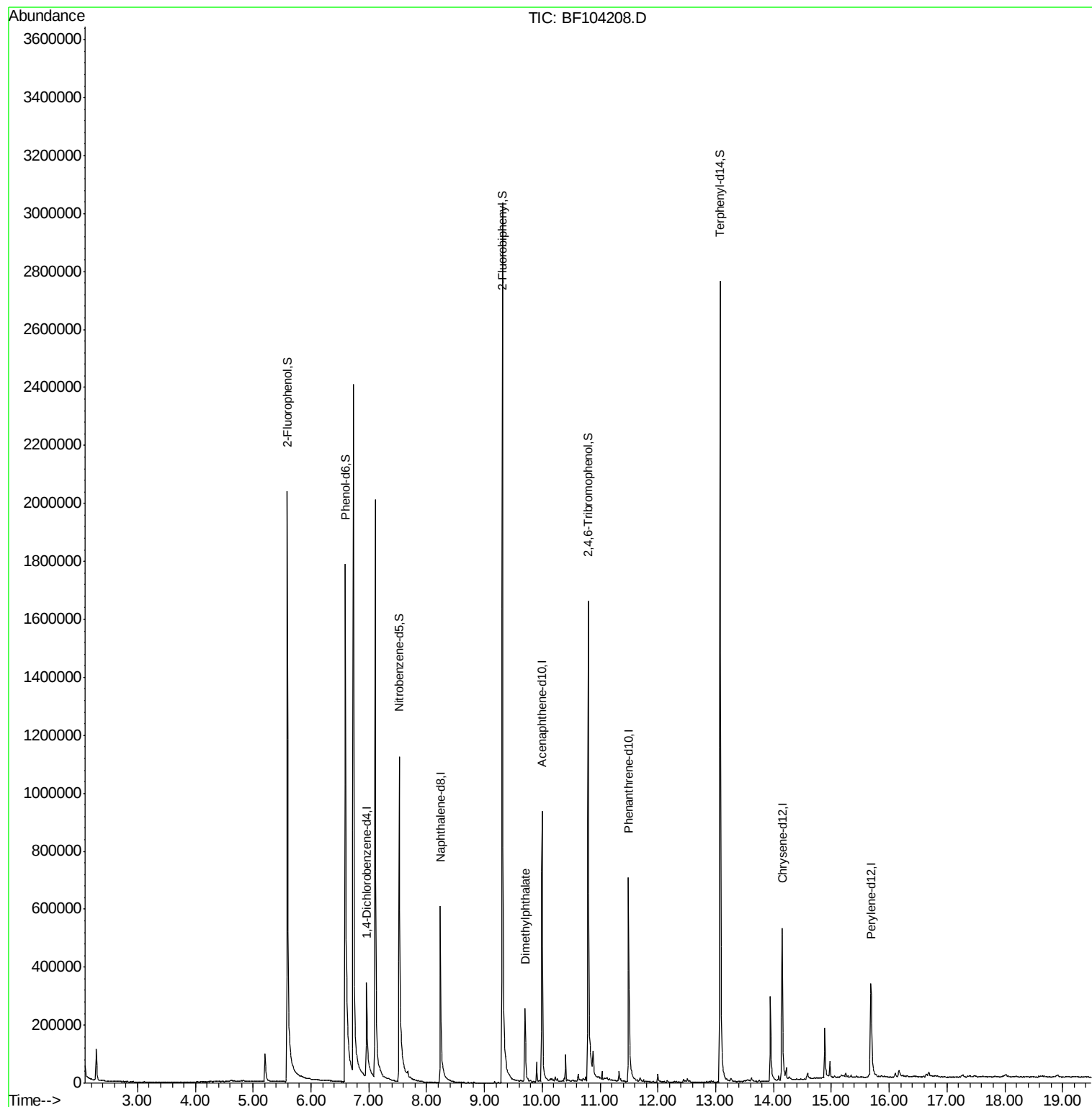
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|-------|------|----------|--------|-------|-----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.96  | 152  | 108012   | 20.00  | ng    | 0.00      |
| 21) Naphthalene-d8          | 8.24  | 136  | 465151   | 20.00  | ng    | 0.00      |
| 38) Acenaphthene-d10        | 10.00 | 164  | 221961   | 20.00  | ng    | 0.00      |
| 63) Phenanthrene-d10        | 11.49 | 188  | 407475   | 20.00  | ng    | 0.00      |
| 75) Chrysene-d12            | 14.15 | 240  | 276762   | 20.00  | ng    | 0.00      |
| 86) Perylene-d12            | 15.69 | 264  | 228170   | 20.00  | ng    | -0.01     |
| System Monitoring Compounds |       |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.59  | 112  | 885639   | 130.76 | ng    | 0.00      |
| 7) Phenol-d6                | 6.59  | 99   | 1164984  | 139.81 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.53  | 82   | 720819   | 94.77  | ng    | 0.00      |
| 41) 2,4,6-Tribromophenol    | 10.80 | 330  | 312971   | 126.63 | ng    | 0.00      |
| 44) 2-Fluorobiphenyl        | 9.31  | 172  | 1300439  | 92.39  | ng    | 0.00      |
| 78) Terphenyl-d14           | 13.08 | 244  | 1233881  | 102.94 | ng    | 0.00      |
| Target Compounds            |       |      |          |        |       |           |
| 49) Dimethylphthalate       | 9.70  | 163  | 144652   | 8.254  | ng    | Qvalue 99 |

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

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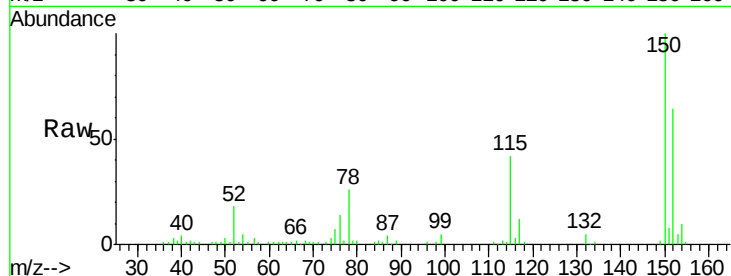


#1

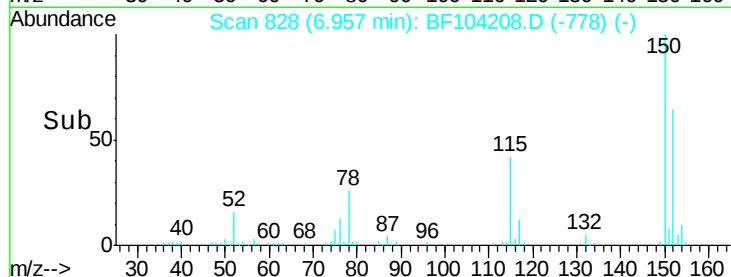
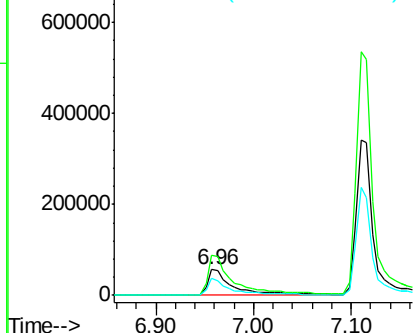
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.96 min Scan# 828  
Delta R.T. -0.01 min  
Lab File: BF104208.D  
Acq: 4 Apr 2018 4:05

Instrument :  
BNA\_F  
ClientSampleId :  
6-WM-DIP-1-EW@10.5

Tot Ion:152 Resp: 108012  
Ion Ratio Lower Upper  
152 100  
150 155.4 124.6 186.8  
115 64.9 50.1 75.1



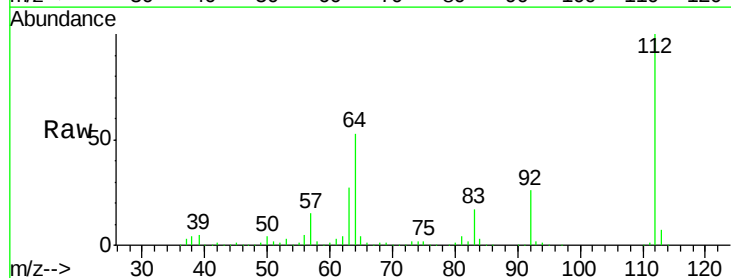
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



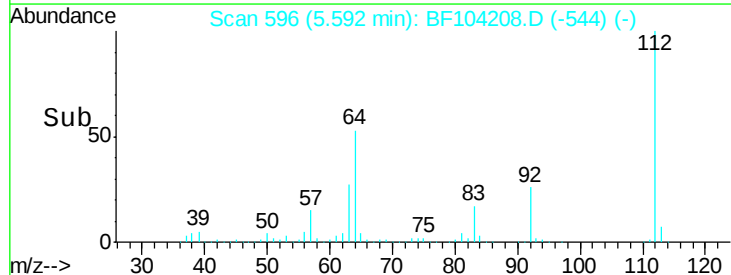
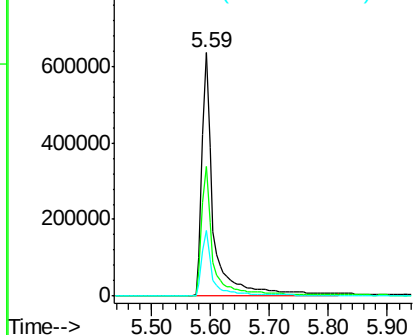
#5

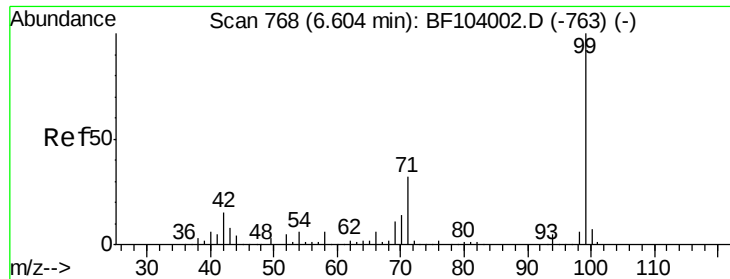
2-Fluorophenol  
Concen: 130.761 ng  
RT: 5.59 min Scan# 596  
Delta R.T. 0.01 min  
Lab File: BF104208.D  
Acq: 4 Apr 2018 4:05

Tgt Ion:112 Resp: 885639  
Ion Ratio Lower Upper  
112 100  
64 53.5 47.9 71.9  
63 26.9 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: 139.807 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF104208.D

Acq: 4 Apr 2018 4:05

Instrument :

BNA\_F

ClientSampleId :

6-WM-DIP-1-EW@10.5

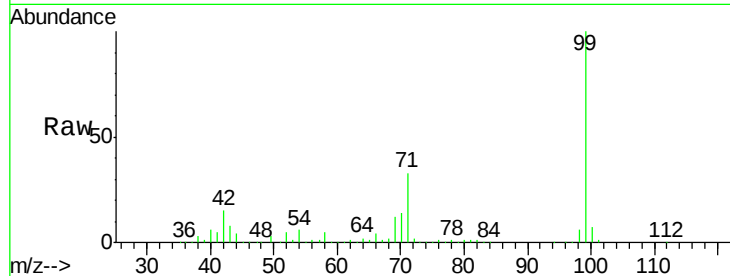
Tot Ion: 99 Resp: 1164984

Ion Ratio Lower Upper

99 100

42 14.6 14.5 21.7

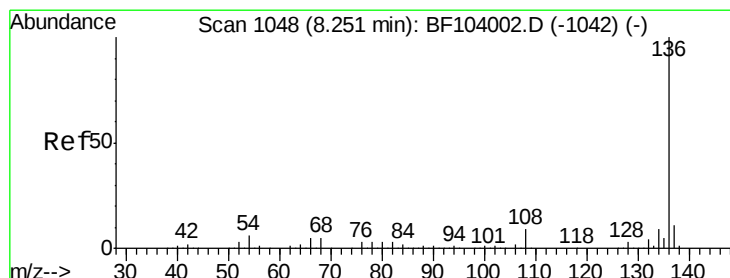
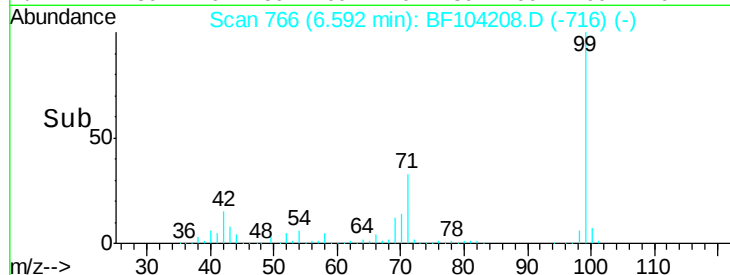
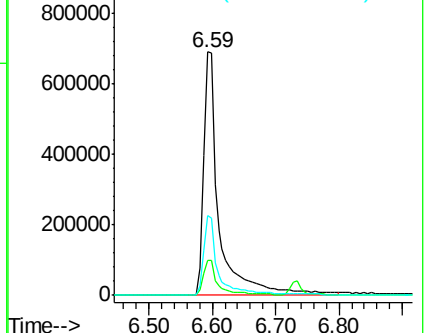
71 32.6 25.4 38.0



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: 8.24 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BF104208.D

Acq: 4 Apr 2018 4:05

Tgt Ion: 136 Resp: 465151

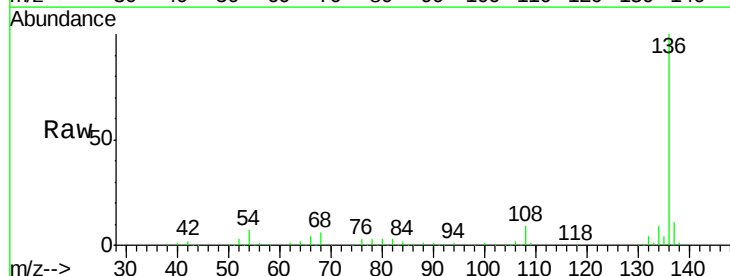
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.8 6.6 9.8

68 5.9 5.0 7.4

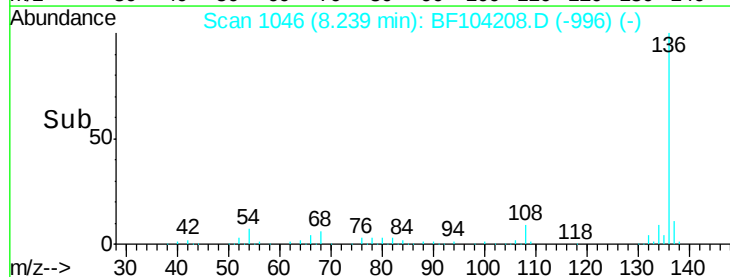
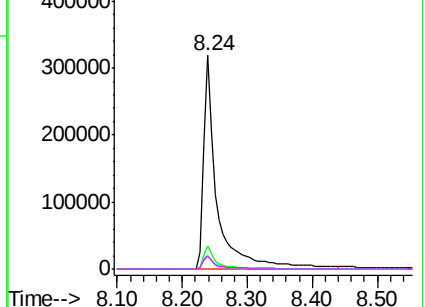


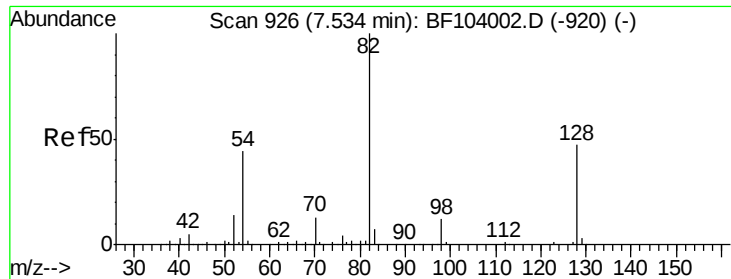
Abundance Ion 136.00 (135.70 to 136.70): E

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

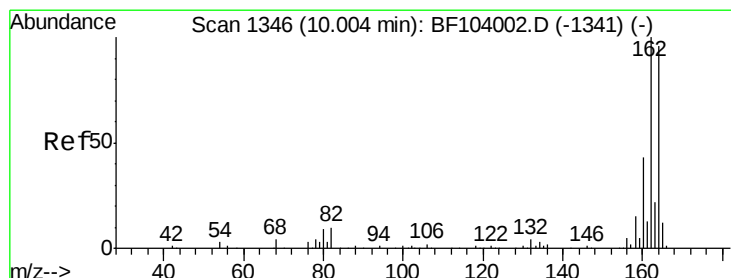
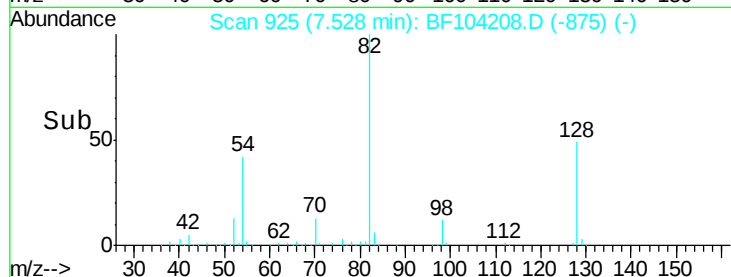
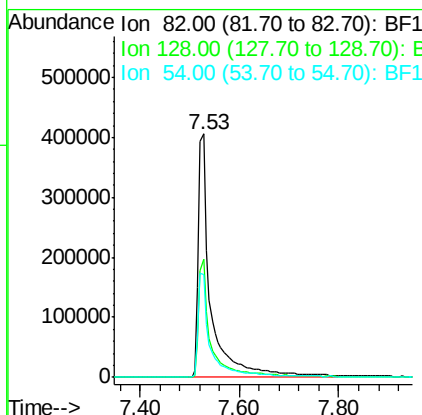
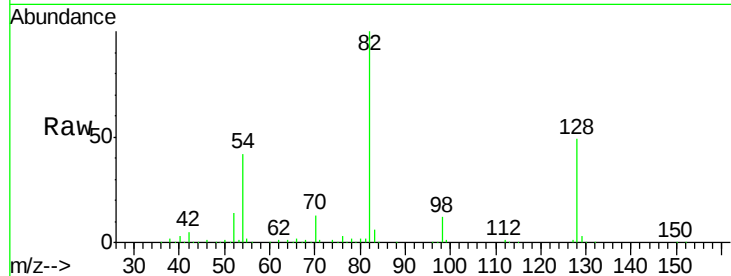




#23  
 Nitrobenzene-d5  
 Concen: 94.769 ng  
 RT: 7.53 min Scan# 925  
 Delta R.T. -0.01 min  
 Lab File: BF104208.D  
 Acq: 4 Apr 2018 4:05

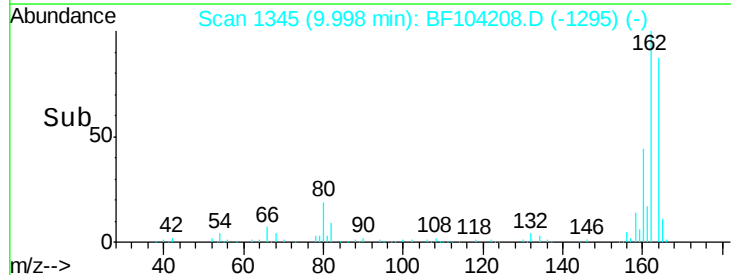
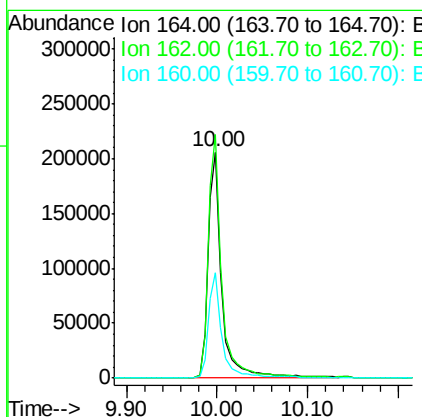
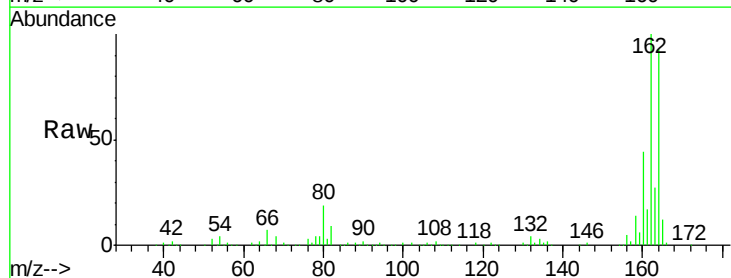
Instrument :  
 BNA\_F  
 ClientSampleId :  
 6-WM-DIP-1-EW@10.5

Tot Ion: 82 Resp: 720819  
 Ion Ratio Lower Upper  
 82 100  
 128 48.8 36.1 54.1  
 54 42.1 41.4 62.2



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 10.00 min Scan# 1345  
 Delta R.T. -0.01 min  
 Lab File: BF104208.D  
 Acq: 4 Apr 2018 4:05

Tgt Ion:164 Resp: 221961  
 Ion Ratio Lower Upper  
 164 100  
 162 107.8 86.1 129.1  
 160 46.9 38.3 57.5

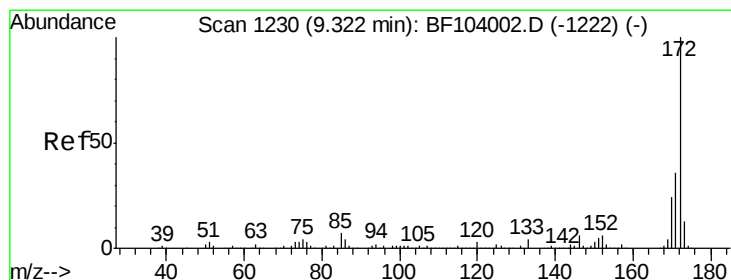
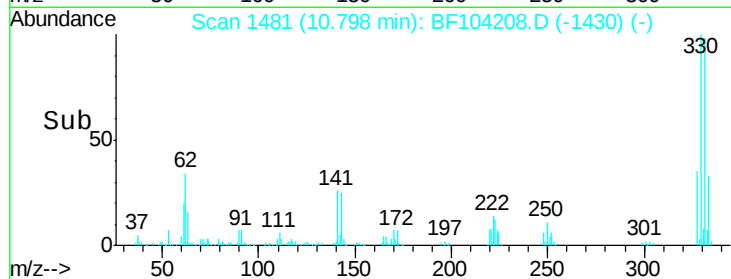
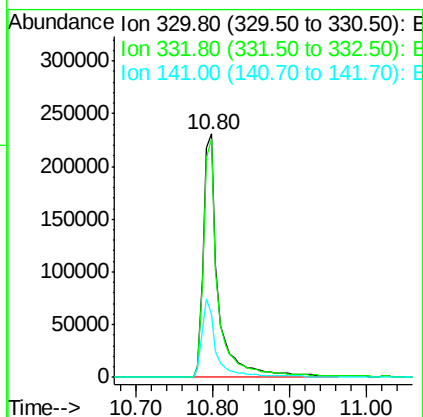
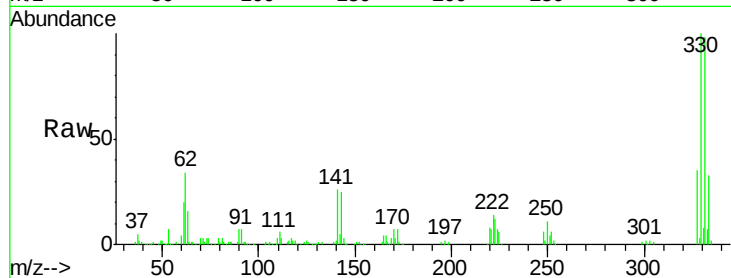




#41  
 2,4,6-Tribromophenol  
 Concen: 126.630 ng  
 RT: 10.80 min Scan# 1481  
 Delta R.T. -0.00 min  
 Lab File: BF104208.D  
 Acq: 4 Apr 2018 4:05

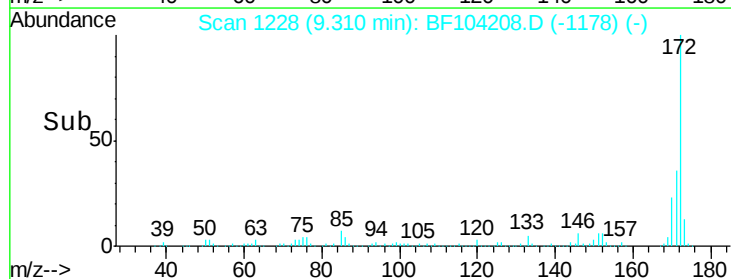
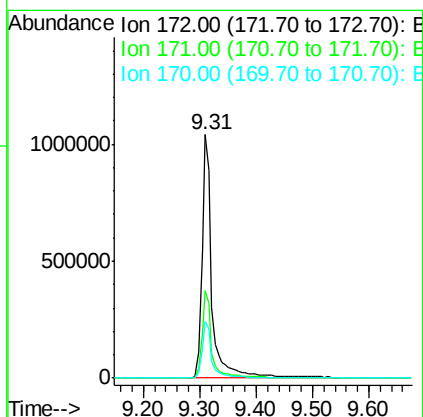
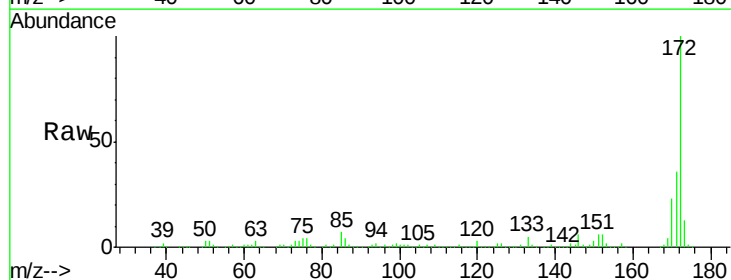
Instrument :  
 BNA\_F  
 ClientSampleId :  
 6-WM-DIP-1-EW@10.5

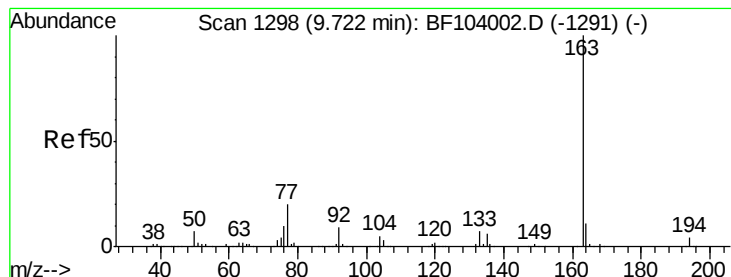
Tot Ion:330 Resp: 312971  
 Ion Ratio Lower Upper  
 330 100  
 332 96.8 77.0 115.6  
 141 31.6 29.9 44.9



#44  
 2-Fluorobiphenyl  
 Concen: 92.389 ng  
 RT: 9.31 min Scan# 1228  
 Delta R.T. -0.01 min  
 Lab File: BF104208.D  
 Acq: 4 Apr 2018 4:05

Tgt Ion:172 Resp: 1300439  
 Ion Ratio Lower Upper  
 172 100  
 171 35.8 29.7 44.5  
 170 23.5 19.6 29.4





#49

Dimethylphthalate

Concen: 8.254 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF104208.D

Acq: 4 Apr 2018 4:05

Instrument :

BNA\_F

ClientSampleId :

6-WM-DIP-1-EW@10.5

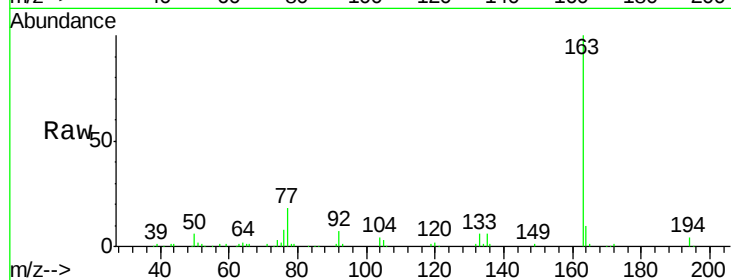
Tot Ion:163 Resp: 144652

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

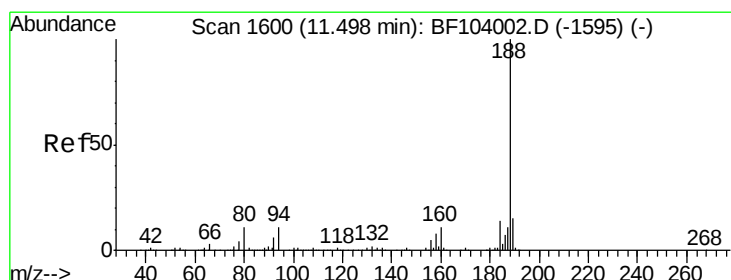
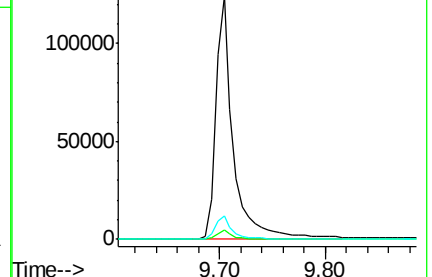
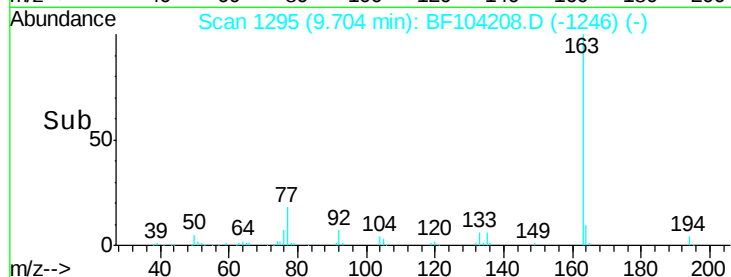
164 9.9 8.2 12.2



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: 11.49 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BF104208.D

Acq: 4 Apr 2018 4:05

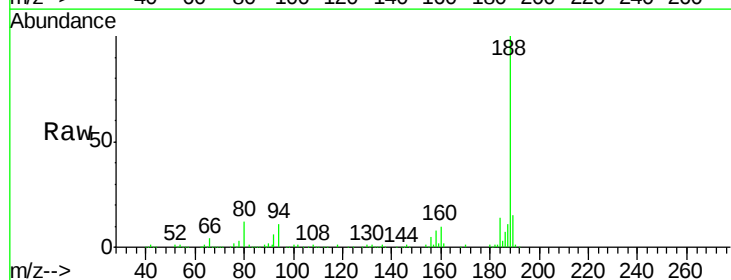
Tgt Ion:188 Resp: 407475

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

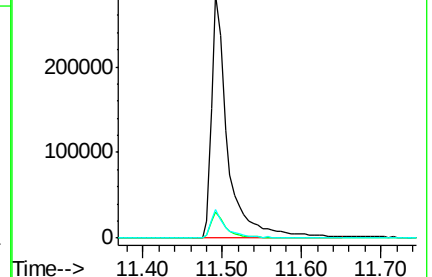
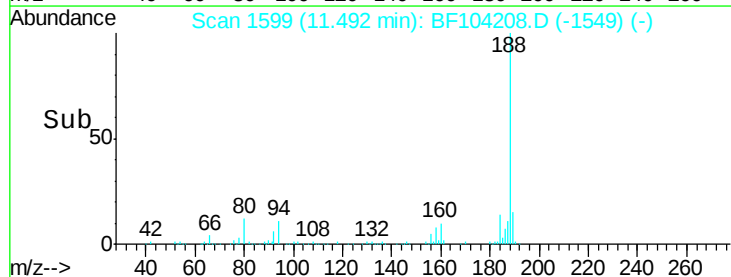
80 11.8 9.2 13.8

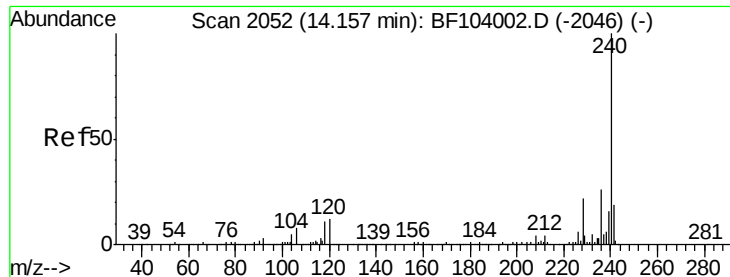


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.15 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BF104208.D

Acq: 4 Apr 2018 4:05

Instrument :

BNA\_F

ClientSampleId :

6-WM-DIP-1-EW@10.5

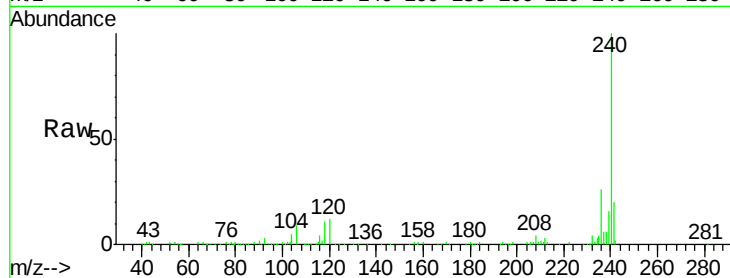
Tot Ion:240 Resp: 276762

Ion Ratio Lower Upper

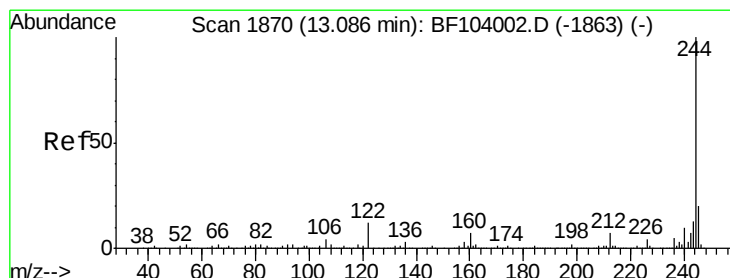
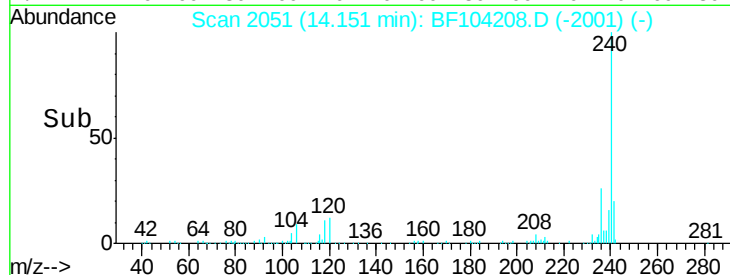
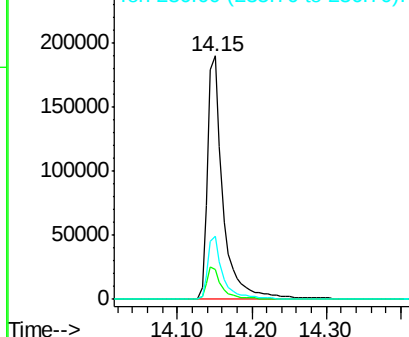
240 100

120 12.4 9.5 14.3

236 26.0 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: 102.939 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BF104208.D

Acq: 4 Apr 2018 4:05

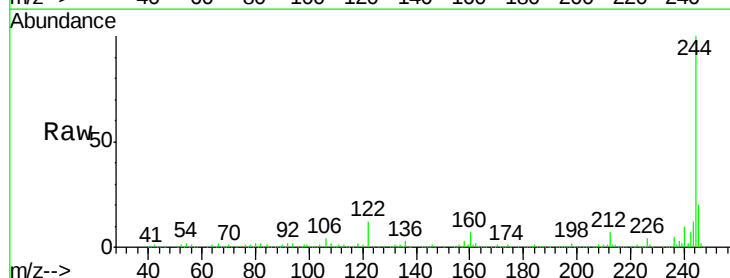
Tgt Ion:244 Resp: 1233881

Ion Ratio Lower Upper

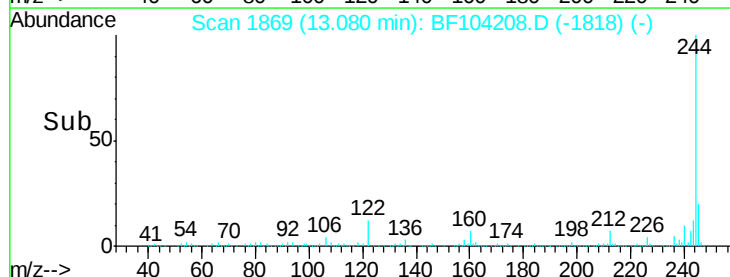
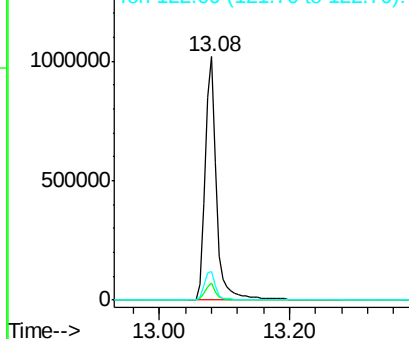
244 100

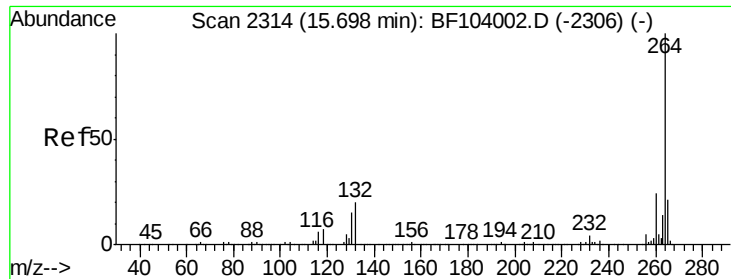
212 6.8 5.4 8.0

122 11.9 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: 15.69 min Scan# 2312  
Delta R.T. -0.01 min  
Lab File: BF104208.D  
Acq: 4 Apr 2018 4:05

Instrument :  
BNA\_F  
ClientSampleId :  
6-WM-DIP-1-EW@10.5

Tot Ion:264 Resp: 228170  
Ion Ratio Lower Upper  
264 100  
260 24.3 19.2 28.8  
265 21.2 17.5 26.3

