

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101717\  
 Data File : BF099597.D  
 Acq On : 17 Oct 2017 22:41  
 Operator : SJ/JU  
 Sample : I5869-05  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-6D-10-11-17

Quant Time: Oct 18 00:20:00 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 17 17:32:20 2017  
 Response via : Initial Calibration

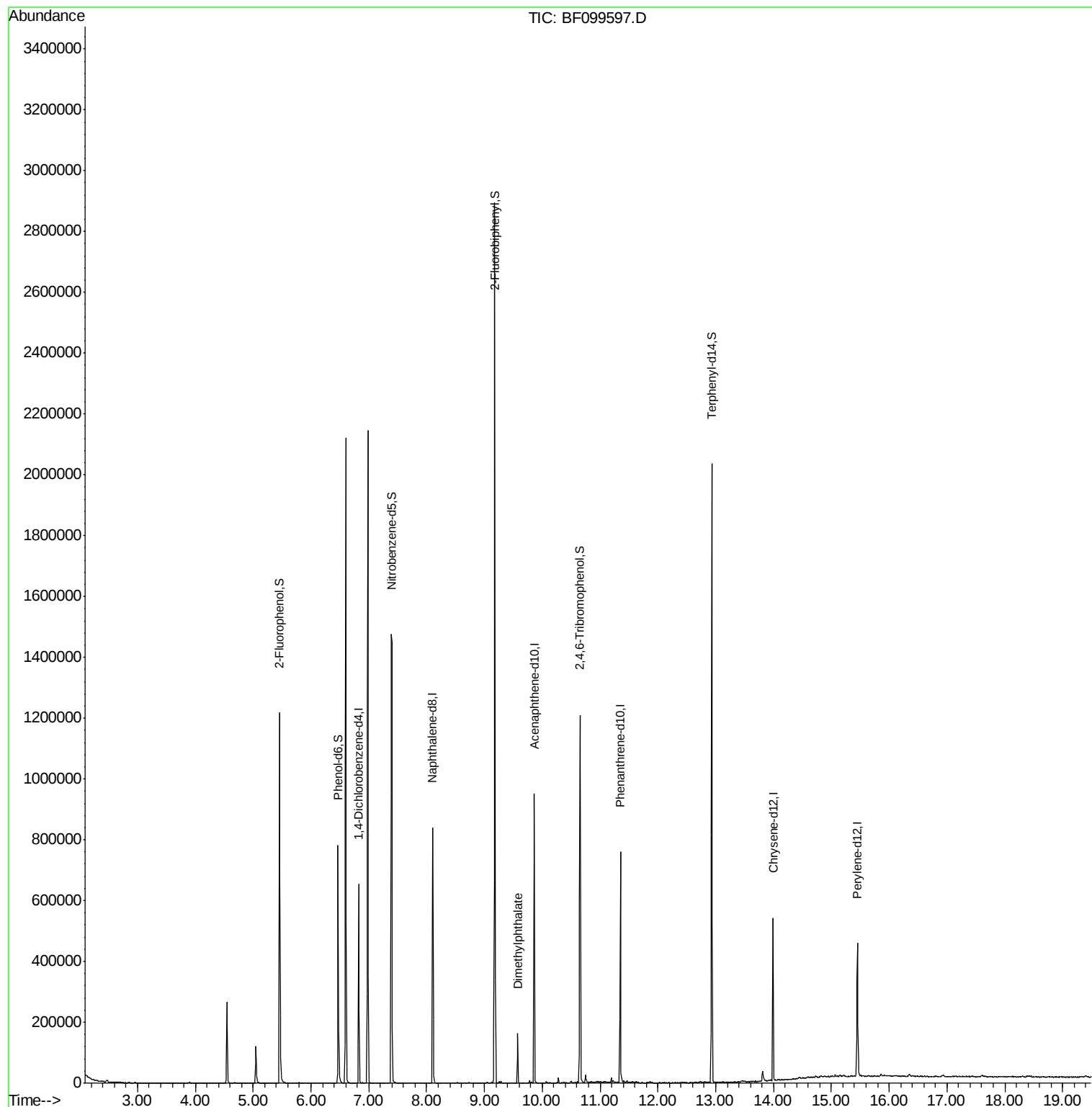
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)      |
|-----------------------------|-------|------|----------|-------|-------|---------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.83  | 152  | 103469   | 20.00 | ng    | 0.00          |
| 21) Naphthalene-d8          | 8.11  | 136  | 420398   | 20.00 | ng    | 0.00          |
| 38) Acenaphthene-d10        | 9.86  | 164  | 181971   | 20.00 | ng    | 0.00          |
| 63) Phenanthrene-d10        | 11.35 | 188  | 269898   | 20.00 | ng    | 0.00          |
| 75) Chrysene-d12            | 13.99 | 240  | 172103   | 20.00 | ng    | 0.00          |
| 86) Perylene-d12            | 15.45 | 264  | 184445   | 20.00 | ng    | 0.00          |
| System Monitoring Compounds |       |      |          |       |       |               |
| 5) 2-Fluorophenol           | 5.46  | 112  | 367467   | 56.54 | ng    | 0.01          |
| 7) Phenol-d6                | 6.47  | 99   | 263746   | 32.89 | ng    | 0.00          |
| 23) Nitrobenzene-d5         | 7.39  | 82   | 576093   | 87.88 | ng    | 0.00          |
| 41) 2,4,6-Tribromophenol    | 10.66 | 330  | 143488   | 96.36 | ng    | 0.00          |
| 44) 2-Fluorobiphenyl        | 9.18  | 172  | 1072971  | 98.44 | ng    | 0.00          |
| 78) Terphenyl-d14           | 12.93 | 244  | 648535   | 85.70 | ng    | 0.00          |
| Target Compounds            |       |      |          |       |       |               |
| 49) Dimethylphthalate       | 9.57  | 163  | 61499    | 4.478 | ng    | Qvalue<br>100 |

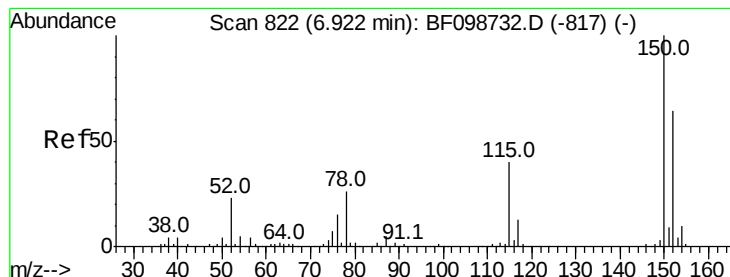
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



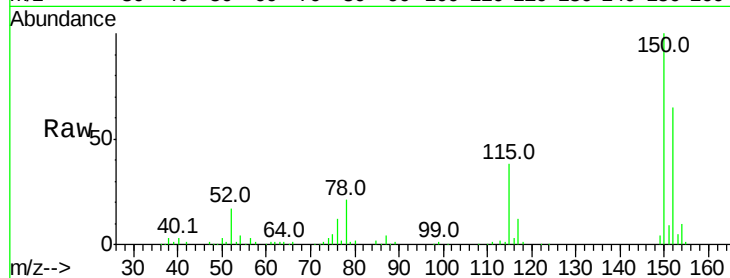


#1

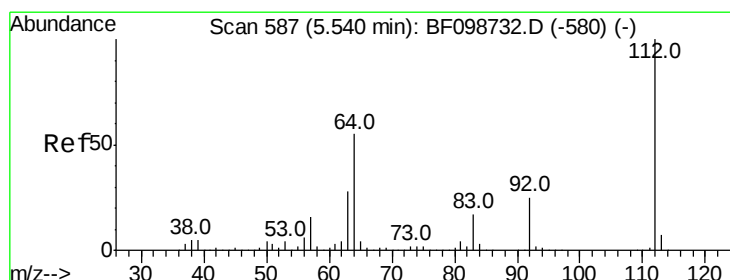
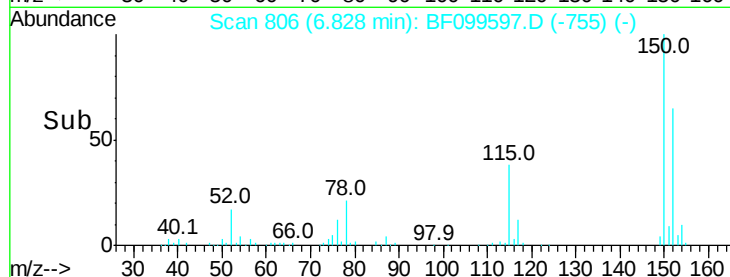
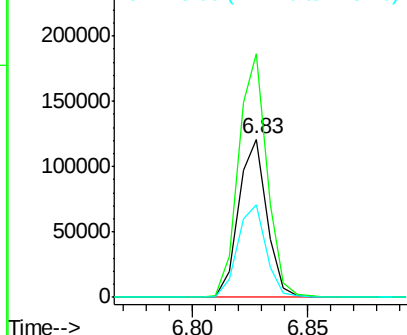
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.83 min Scan# 806  
Delta R.T. 0.00 min  
Lab File: BF099597.D  
Acq: 17 Oct 2017 22:41

Instrument :  
BNA\_F  
ClientSampleId :  
MW-6D-10-11-17

Tot Ion:152 Resp: 103469  
Ion Ratio Lower Upper  
152 100  
150 154.1 124.6 186.8  
115 58.2 50.1 75.1



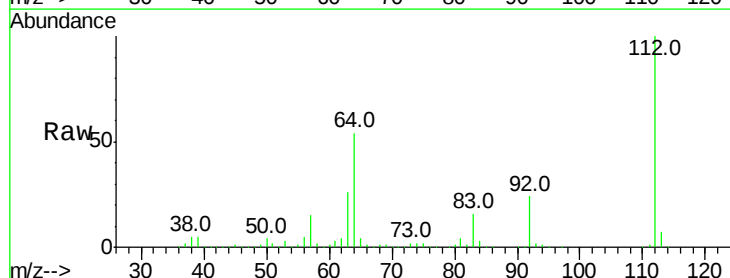
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



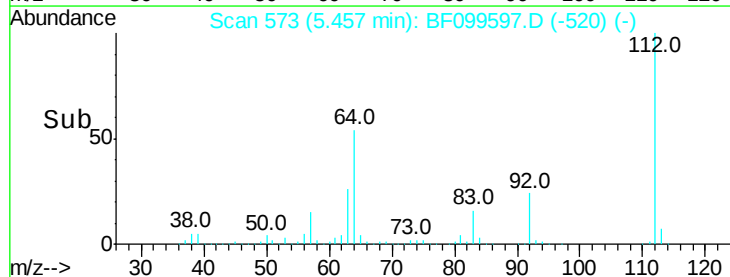
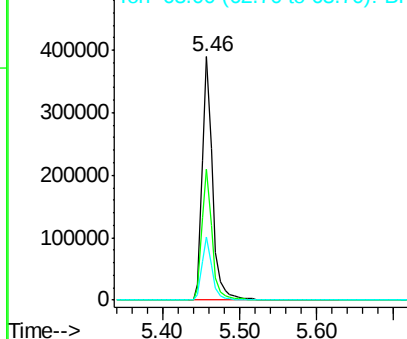
#5

2-Fluorophenol  
Concen: 56.536 ng  
RT: 5.46 min Scan# 573  
Delta R.T. 0.01 min  
Lab File: BF099597.D  
Acq: 17 Oct 2017 22:41

Tgt Ion:112 Resp: 367467  
Ion Ratio Lower Upper  
112 100  
64 54.0 47.9 71.9  
63 26.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BF0  
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 32.894 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF099597.D

Acq: 17 Oct 2017 22:41

Instrument :

BNA\_F

ClientSampleId :

MW-6D-10-11-17

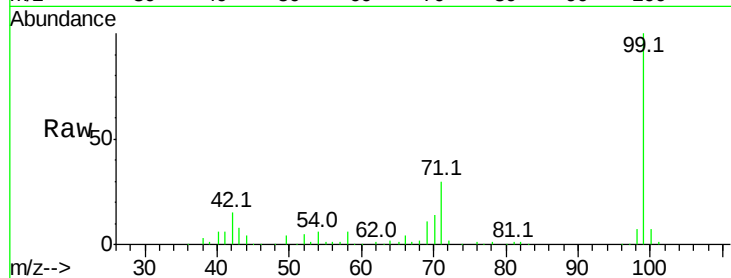
Tot Ion: 99 Resp: 263746

Ion Ratio Lower Upper

99 100

42 15.1 14.5 21.7

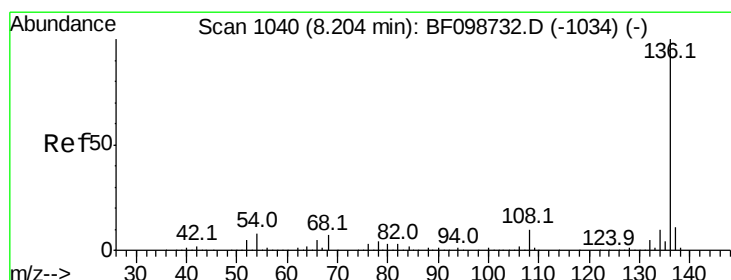
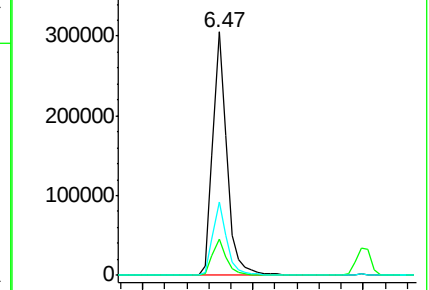
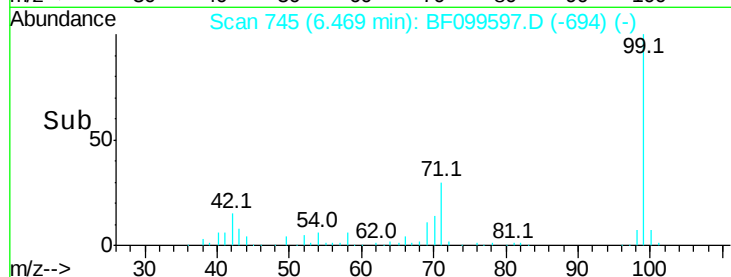
71 30.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF099597.D

Acq: 17 Oct 2017 22:41

Tgt Ion: 136 Resp: 420398

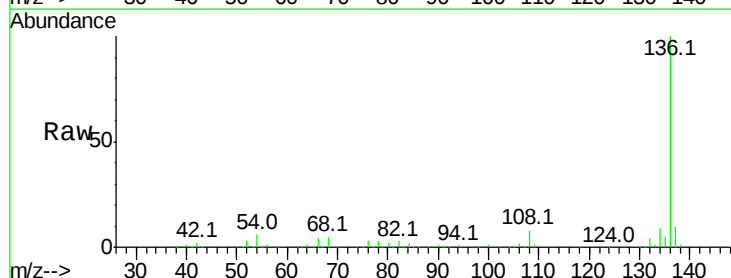
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 6.2 6.6 9.8#

68 5.5 5.0 7.4

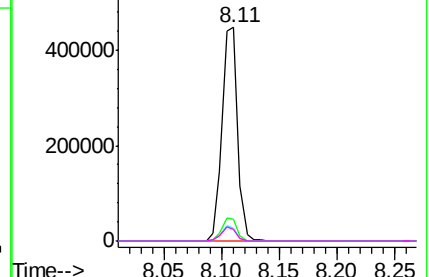
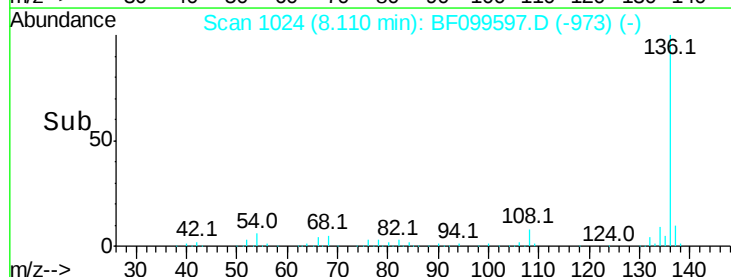


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

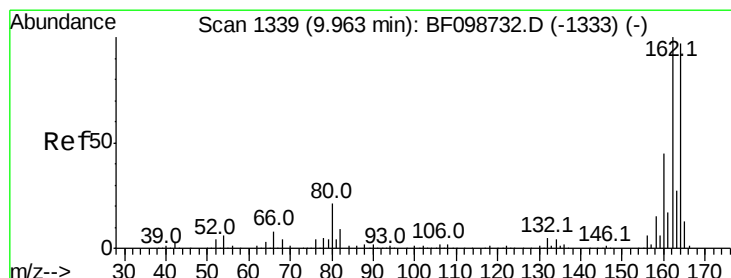
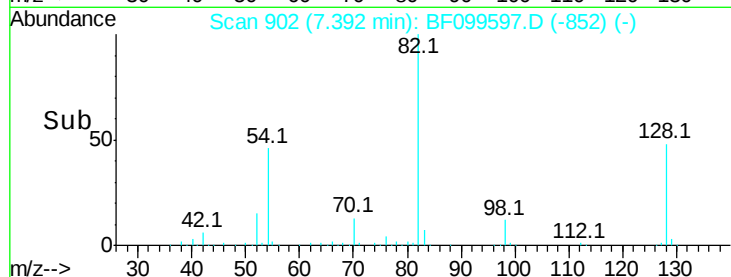
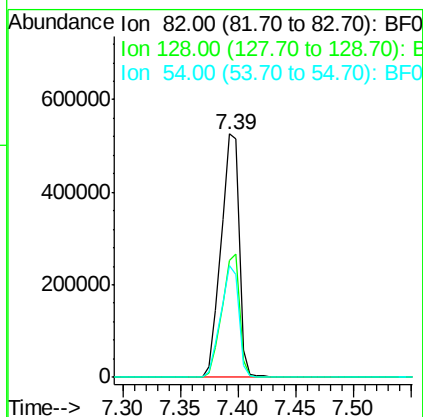
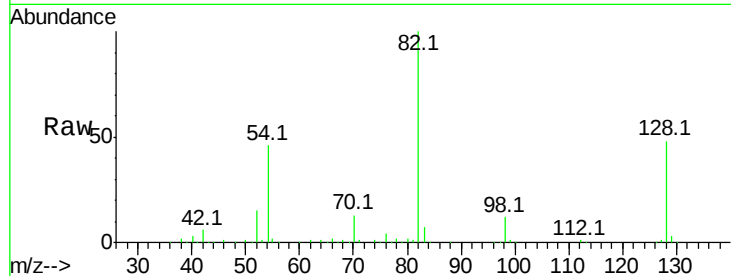




#23  
 Nitrobenzene-d5  
 Concen: 87.881 ng  
 RT: 7.39 min Scan# 902  
 Delta R.T. -0.01 min  
 Lab File: BF099597.D  
 Acq: 17 Oct 2017 22:41

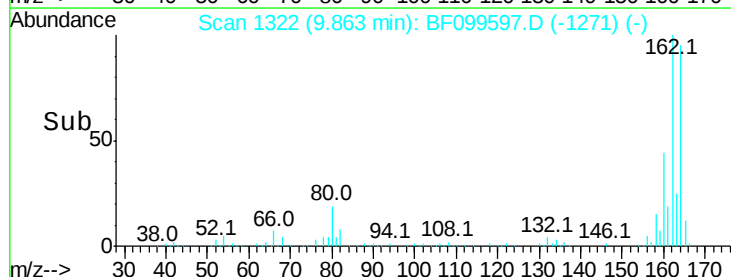
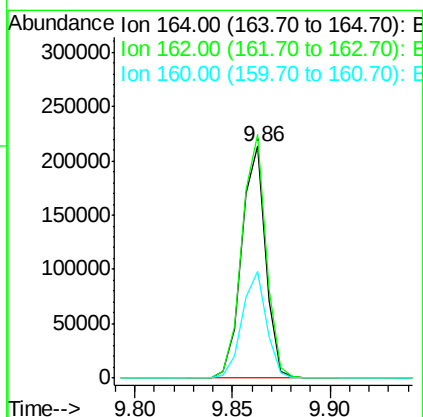
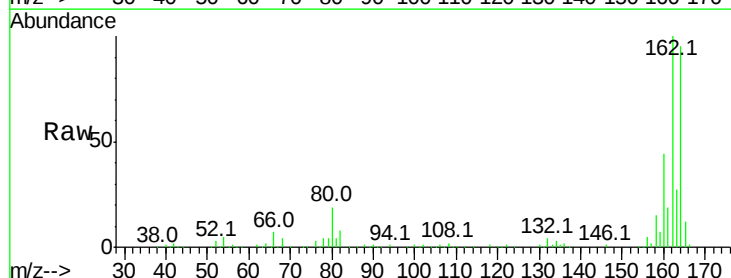
Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-6D-10-11-17

Tot Ion: 82 Resp: 576093  
 Ion Ratio Lower Upper  
 82 100  
 128 47.9 36.1 54.1  
 54 45.9 41.4 62.2



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.86 min Scan# 1322  
 Delta R.T. 0.00 min  
 Lab File: BF099597.D  
 Acq: 17 Oct 2017 22:41

Tgt Ion:164 Resp: 181971  
 Ion Ratio Lower Upper  
 164 100  
 162 105.0 86.1 129.1  
 160 45.9 38.3 57.5

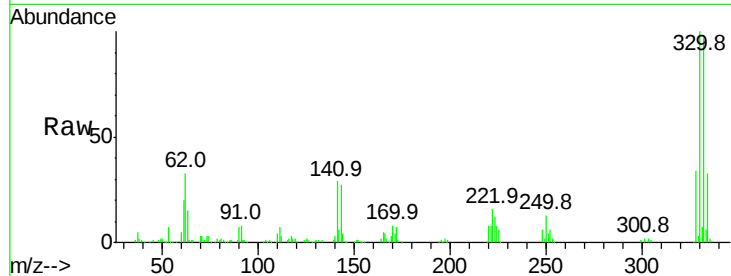




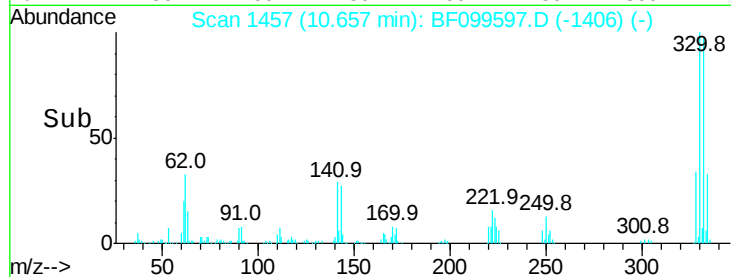
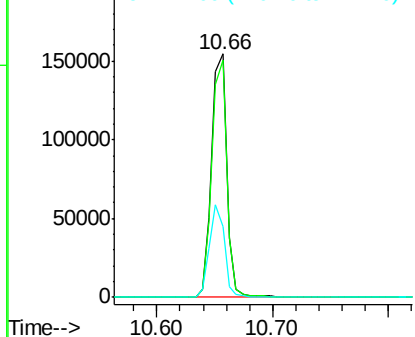
#41  
 2,4,6-Tribromophenol  
 Concen: 96.364 ng  
 RT: 10.66 min Scan# 1457  
 Delta R.T. 0.00 min  
 Lab File: BF099597.D  
 Acq: 17 Oct 2017 22:41

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-6D-10-11-17

Tot Ion:330 Resp: 143488  
 Ion Ratio Lower Upper  
 330 100  
 332 95.9 77.0 115.6  
 141 37.2 29.9 44.9

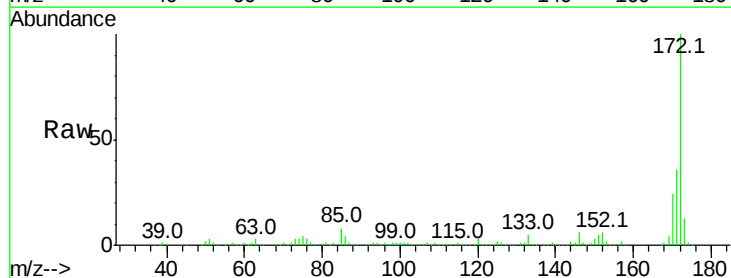


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

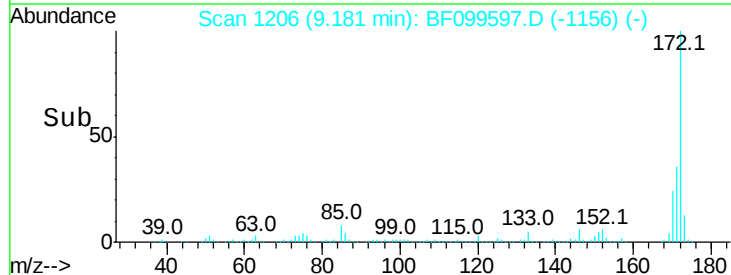
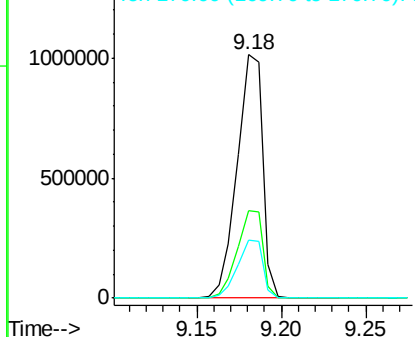


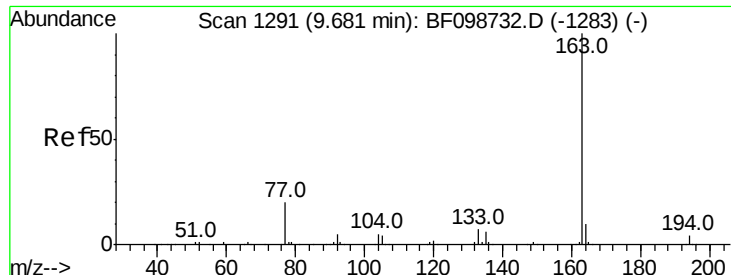
#44  
 2-Fluorobiphenyl  
 Concen: 98.435 ng  
 RT: 9.18 min Scan# 1206  
 Delta R.T. -0.01 min  
 Lab File: BF099597.D  
 Acq: 17 Oct 2017 22:41

Tgt Ion:172 Resp: 1072971  
 Ion Ratio Lower Upper  
 172 100  
 171 36.1 29.7 44.5  
 170 23.6 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

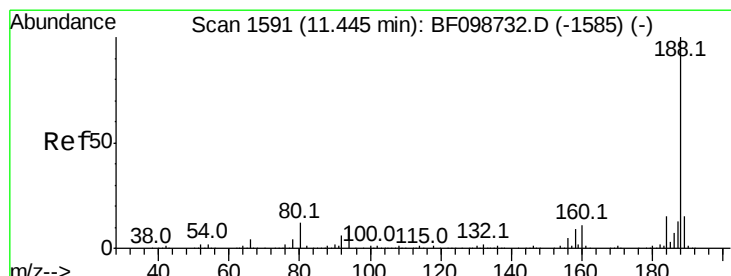
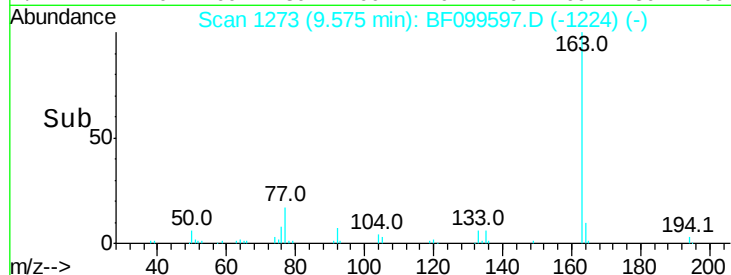
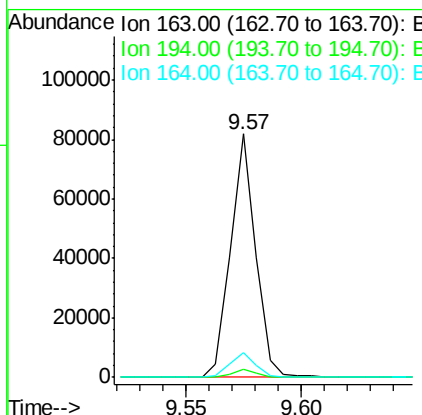
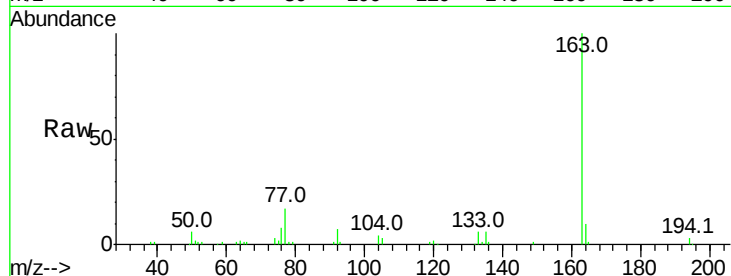




#49  
 Dimethylphthalate  
 Concen: 4.478 ng  
 RT: 9.57 min Scan# 1273  
 Delta R.T. -0.01 min  
 Lab File: BF099597.D  
 Acq: 17 Oct 2017 22:41

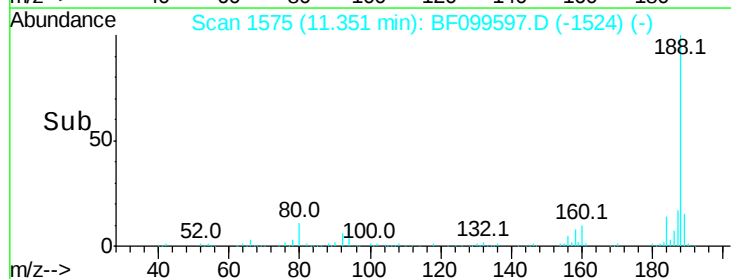
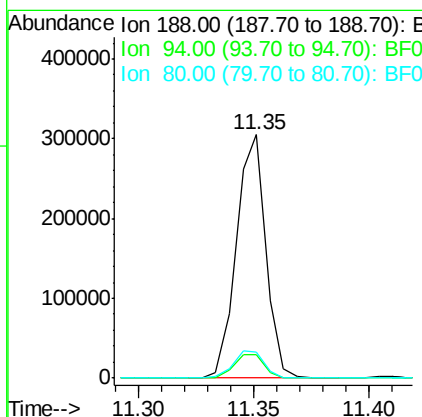
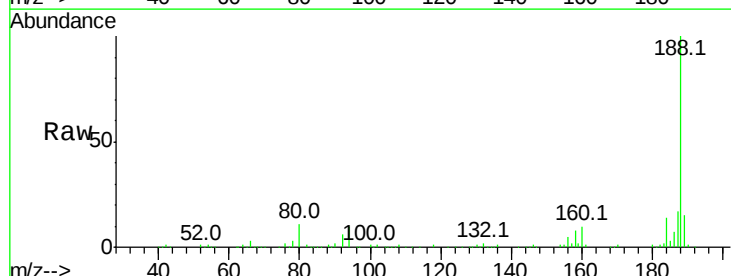
Instrument :  
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 MW-6D-10-11-17

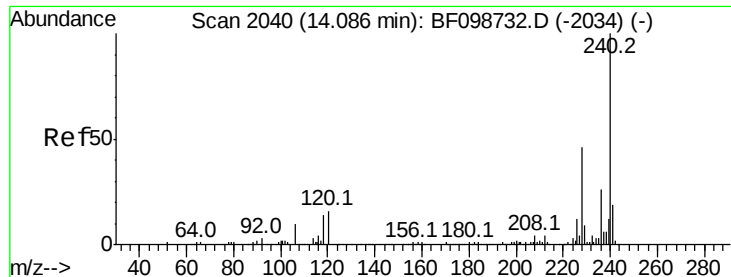
Tot Ion:163 Resp: 61499  
 Ion Ratio Lower Upper  
 163 100  
 194 3.3 2.7 4.1  
 164 10.3 8.2 12.2



#63  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.35 min Scan# 1575  
 Delta R.T. 0.00 min  
 Lab File: BF099597.D  
 Acq: 17 Oct 2017 22:41

Tgt Ion:188 Resp: 269898  
 Ion Ratio Lower Upper  
 188 100  
 94 9.8 8.5 12.7  
 80 10.5 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF099597.D

Acq: 17 Oct 2017 22:41

Instrument :

BNA\_F

ClientSampleId :

MW-6D-10-11-17

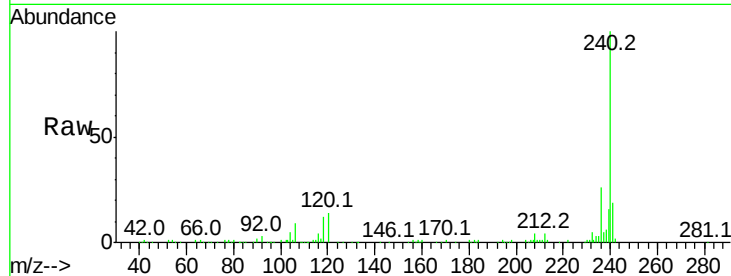
Tot Ion:240 Resp: 172103

Ion Ratio Lower Upper

240 100

120 13.8 9.5 14.3

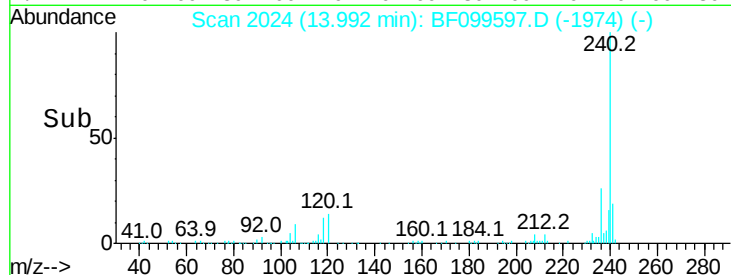
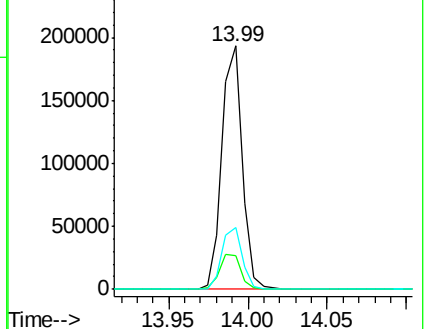
236 25.6 20.7 31.1



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: 85.699 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BF099597.D

Acq: 17 Oct 2017 22:41

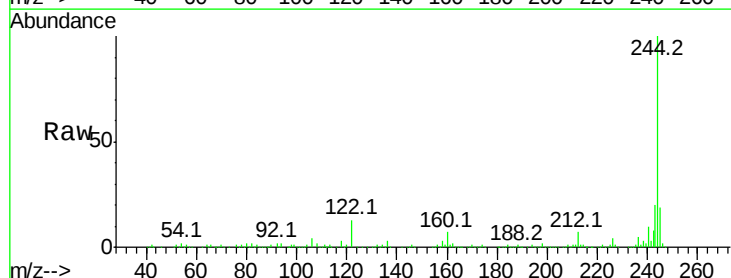
Tgt Ion:244 Resp: 648535

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

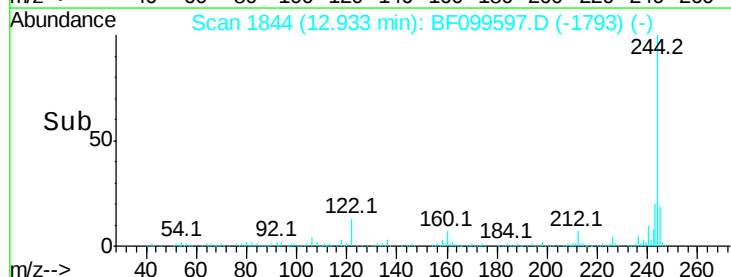
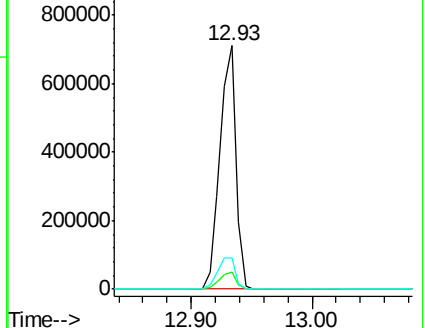
122 12.8 11.0 16.4

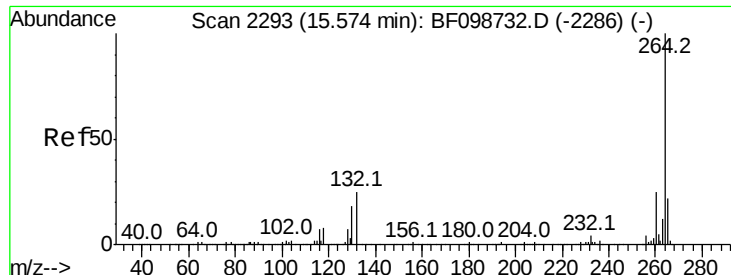


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

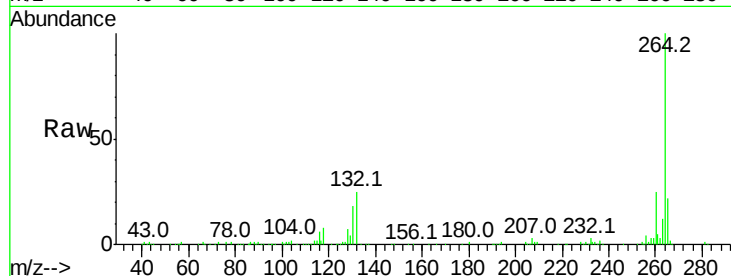




#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.45 min Scan# 2272  
Delta R.T. 0.00 min  
Lab File: BF099597.D  
Acq: 17 Oct 2017 22:41

Instrument :  
BNA\_F  
ClientSampleId :  
MW-6D-10-11-17

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 25.3  | 19.2  | 28.8  |
| 265     | 22.3  | 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

