

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF082915\  
 Data File : BF081290.D  
 Acq On : 30 Aug 2015 1:01  
 Operator : UM/IZ  
 Sample : G3474-03  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-04

Quant Time: Aug 31 02:35:29 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF081715.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 31 00:56:51 2015  
 Response via : Initial Calibration

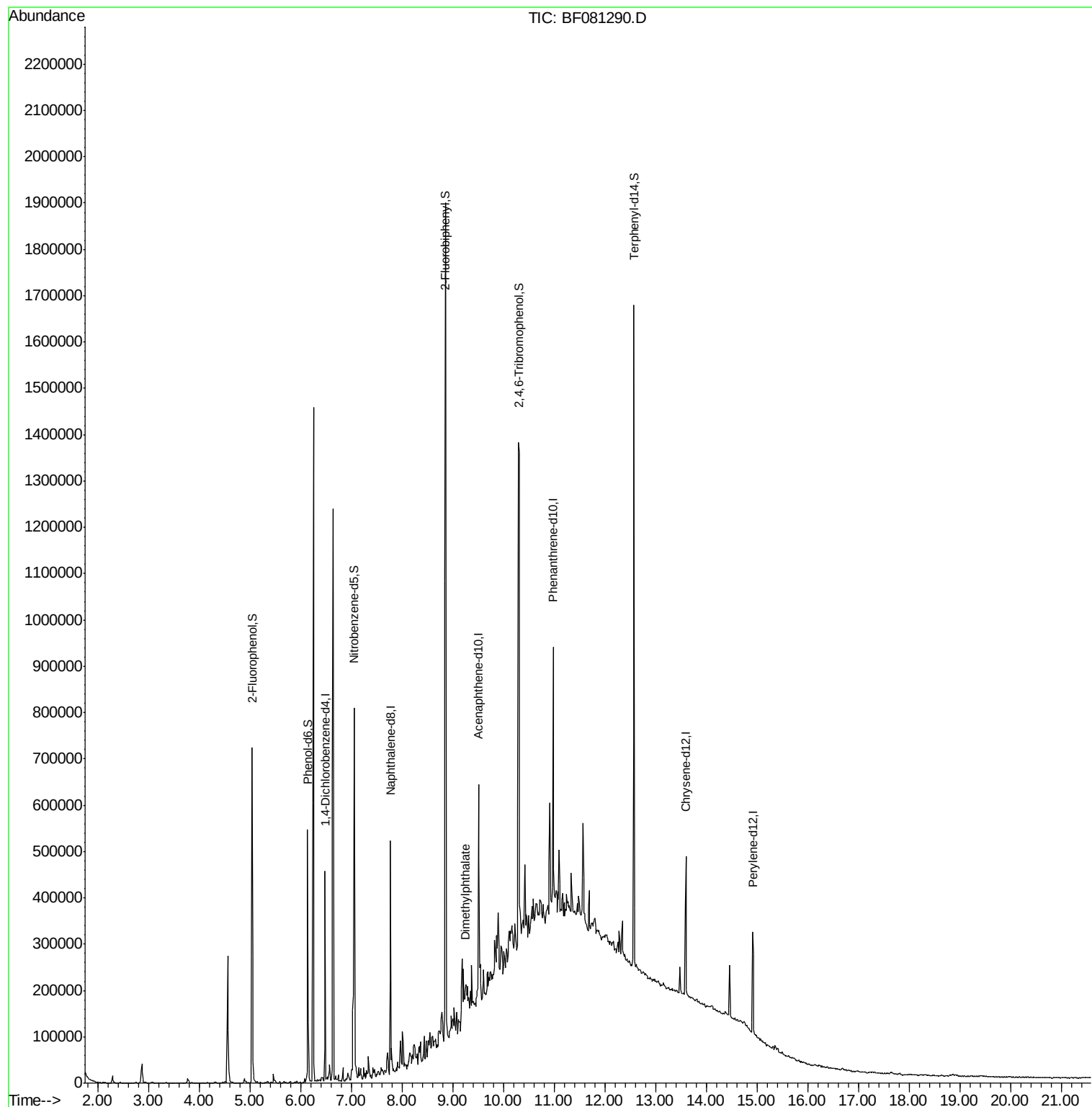
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.48  | 152  | 59441    | 20.00  | ng    | 0.00           |
| 21) Naphthalene-d8          | 7.77  | 136  | 229429   | 20.00  | ng    | 0.00           |
| 38) Acenaphthene-d10        | 9.51  | 164  | 98368    | 20.00  | ng    | -0.01          |
| 63) Phenanthrene-d10        | 10.98 | 188  | 181892   | 20.00  | ng    | 0.00           |
| 75) Chrysene-d12            | 13.60 | 240  | 129864   | 20.00  | ng    | 0.00           |
| 86) Perylene-d12            | 14.92 | 264  | 101422   | 20.00  | ng    | 0.00           |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 5.04  | 112  | 197914   | 50.08  | ng    | 0.01           |
| 7) Phenol-d6                | 6.14  | 99   | 171553   | 33.27  | ng    | 0.00           |
| 23) Nitrobenzene-d5         | 7.05  | 82   | 388789   | 77.41  | ng    | -0.01          |
| 41) 2,4,6-Tribromophenol    | 10.31 | 330  | 110115   | 129.14 | ng    | 0.00           |
| 44) 2-Fluorobiphenyl        | 8.86  | 172  | 650780   | 86.68  | ng    | 0.00           |
| 78) Terphenyl-d14           | 12.57 | 244  | 446163   | 73.65  | ng    | 0.00           |
| Target Compounds            |       |      |          |        |       |                |
| 49) Dimethylphthalate       | 9.26  | 163  | 18146    | 2.24   | ng    | Qvalue<br># 98 |

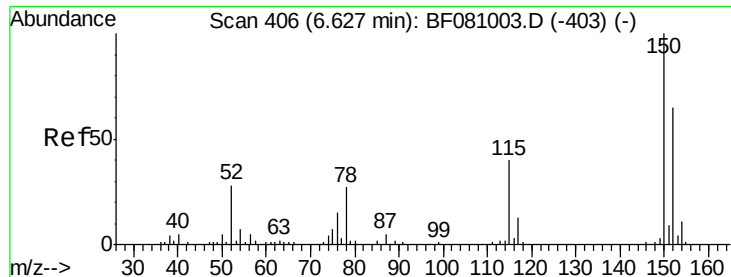
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF0812915\  
Data File : BF081290.D  
Acq On : 30 Aug 2015 1:01  
Operator : UM/IZ  
Sample : G3474-03  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-04

Quant Time: Aug 31 02:35:29 2015  
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF081715.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Aug 31 00:56:51 2015  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.48 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF081290.D

Acq: 30 Aug 2015 1:01

Instrument :

BNA\_F

ClientSampled :

MW-04

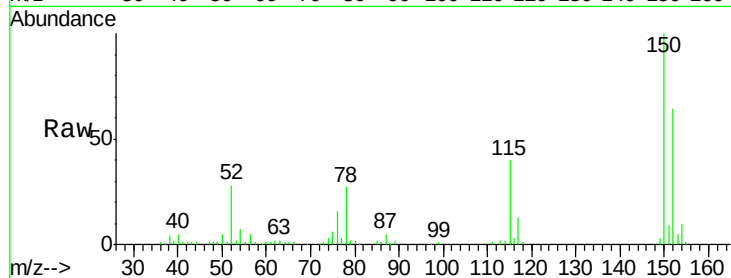
Tgt Ion:152 Resp: 59441

Ion Ratio Lower Upper

152 100

150 156.2 123.8 185.6

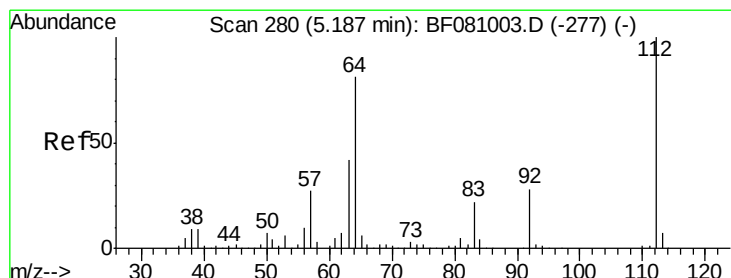
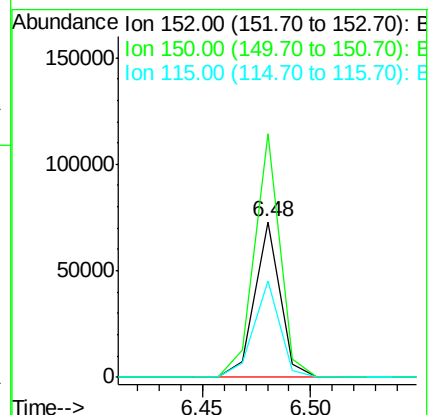
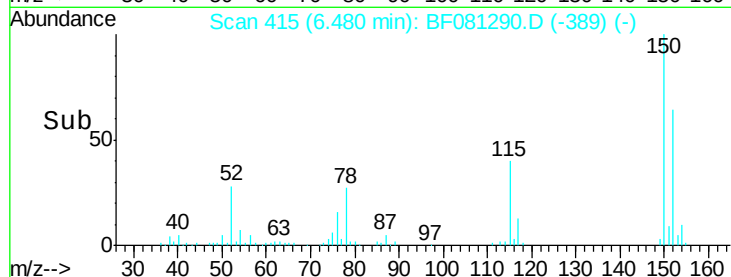
115 62.2 52.1 78.1



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: 50.08 ng

RT: 5.04 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF081290.D

Acq: 30 Aug 2015 1:01

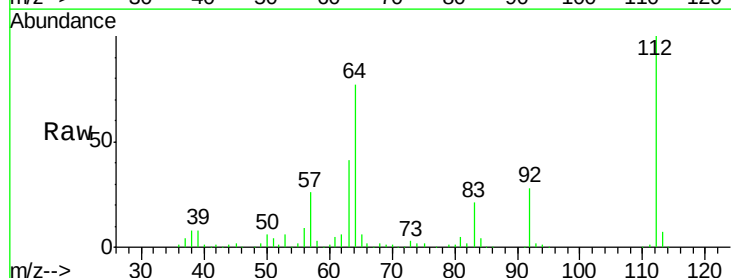
Tgt Ion:112 Resp: 197914

Ion Ratio Lower Upper

112 100

64 76.8 66.9 100.3

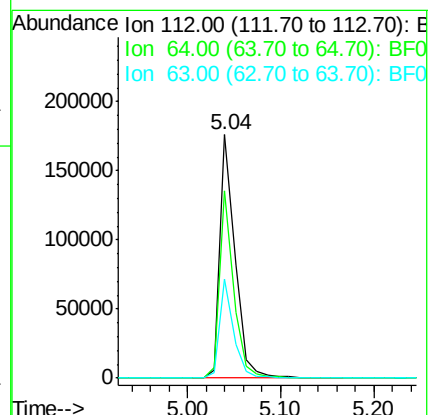
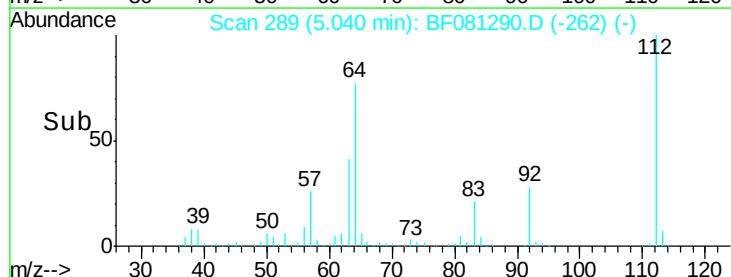
63 40.6 38.1 57.1

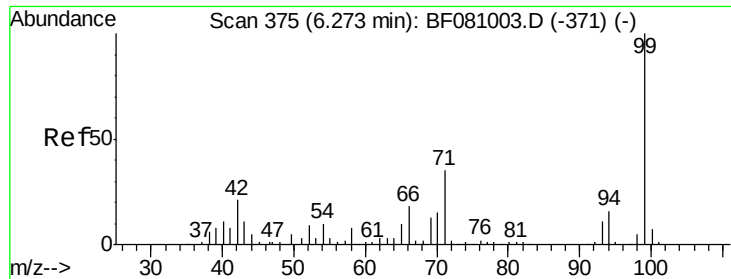


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.27 ng

RT: 6.14 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF081290.D

Acq: 30 Aug 2015 1:01

Instrument :

BNA\_F

ClientSampleId :

MW-04

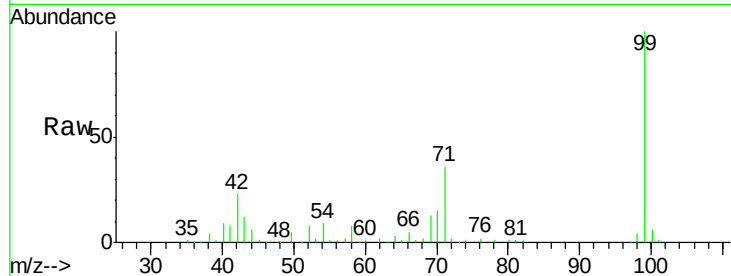
Tgt Ion: 99 Resp: 171553

Ion Ratio Lower Upper

99 100

42 23.2 19.6 29.4

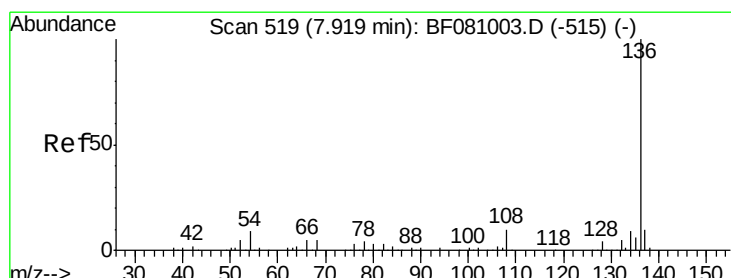
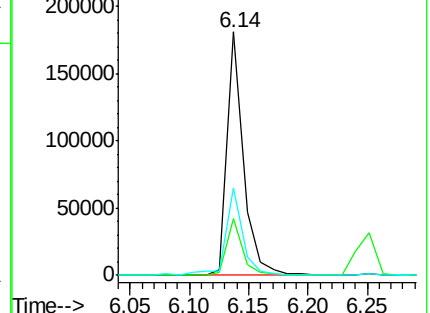
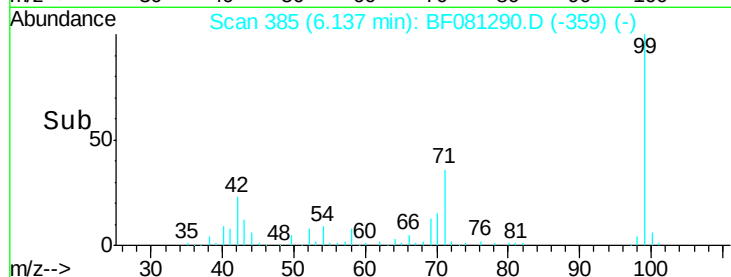
71 36.0 31.2 46.8



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: 20.00 ng

RT: 7.77 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF081290.D

Acq: 30 Aug 2015 1:01

Tgt Ion: 136 Resp: 229429

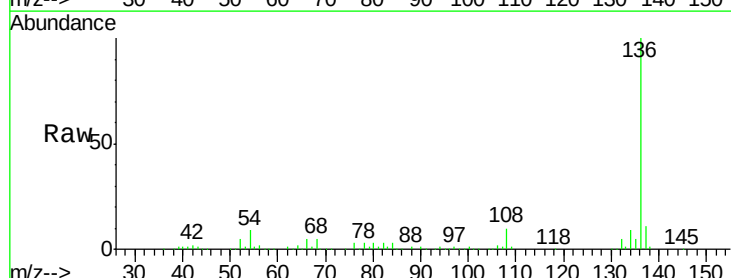
Ion Ratio Lower Upper

136 100

137 10.7 8.2 12.2

54 9.0 7.7 11.5

68 5.2 3.4 5.2#

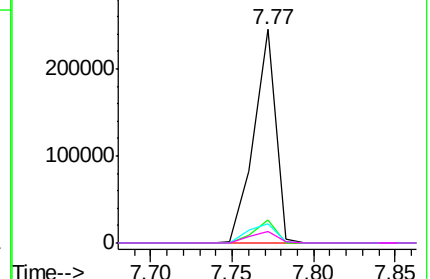
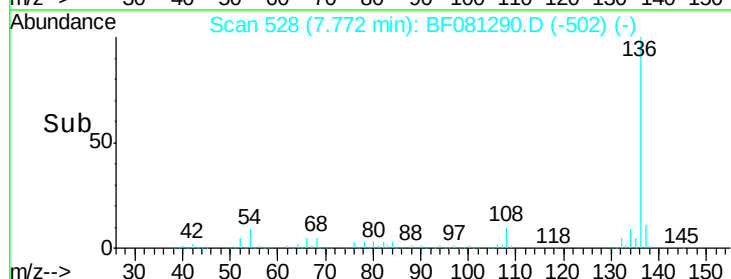


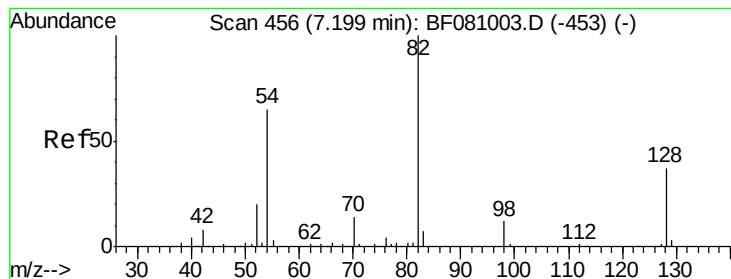
Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.41 ng

RT: 7.05 min Scan# 465

Delta R.T. -0.01 min

Lab File: BF081290.D

Acq: 30 Aug 2015 1:01

Instrument :

BNA\_F

ClientSampleId :

MW-04

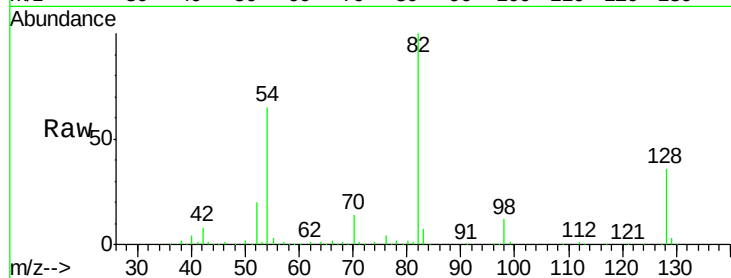
Tgt Ion: 82 Resp: 388789

Ion Ratio Lower Upper

82 100

128 35.7 28.6 42.8

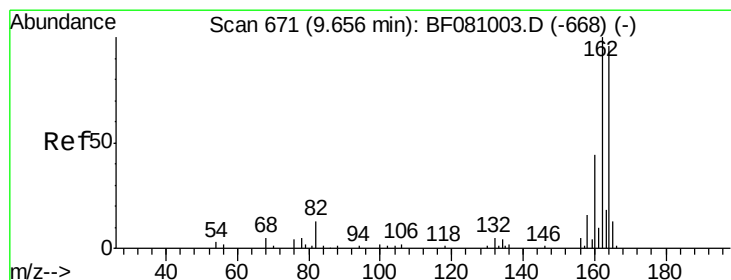
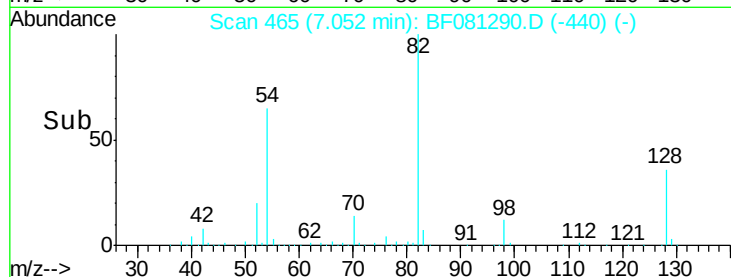
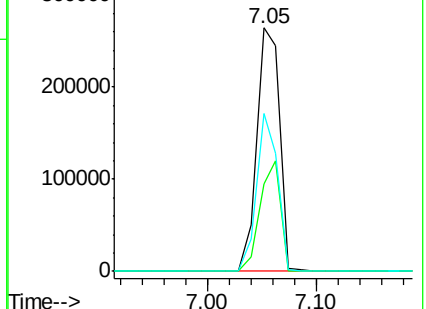
54 65.1 55.1 82.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.51 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF081290.D

Acq: 30 Aug 2015 1:01

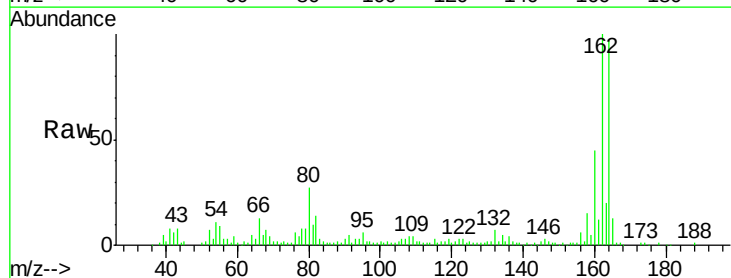
Tgt Ion: 164 Resp: 98368

Ion Ratio Lower Upper

164 100

162 103.1 83.8 125.8

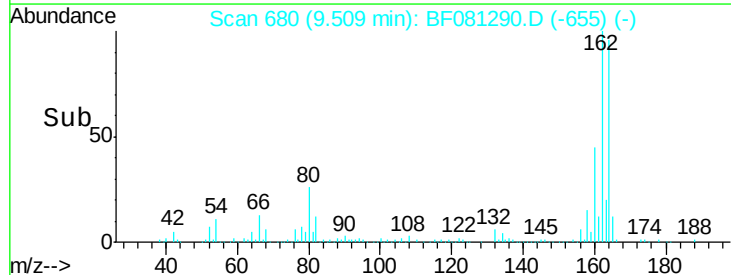
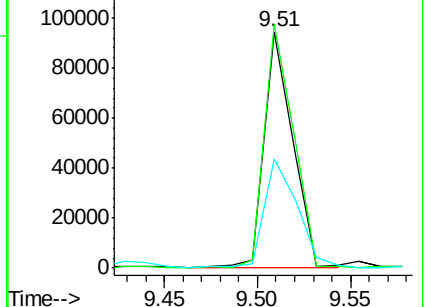
160 46.3 39.8 59.8

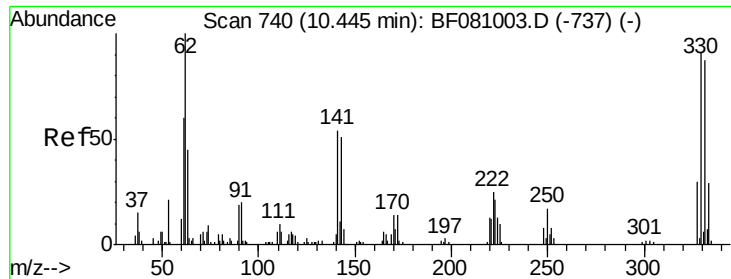


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

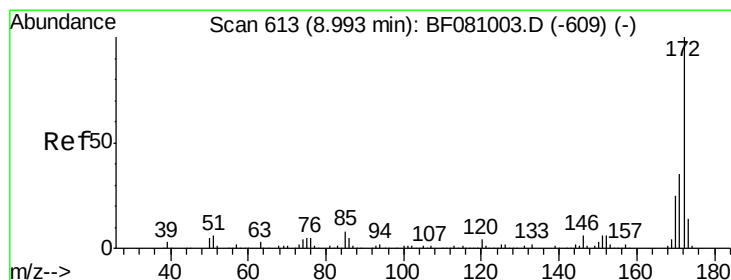
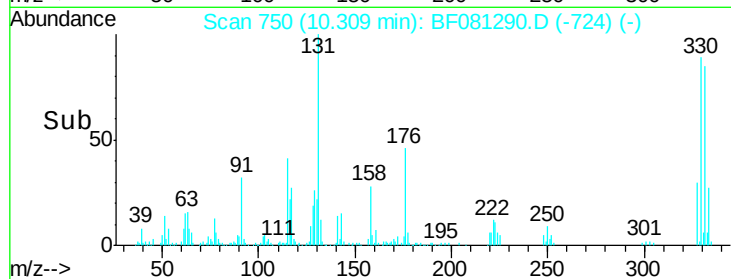
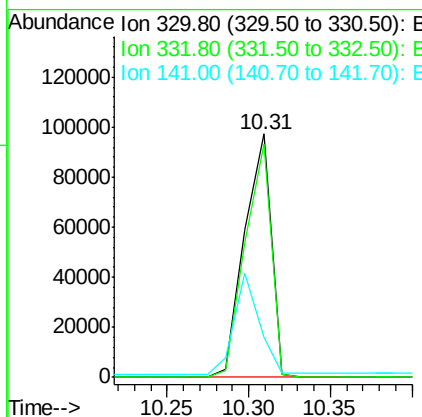
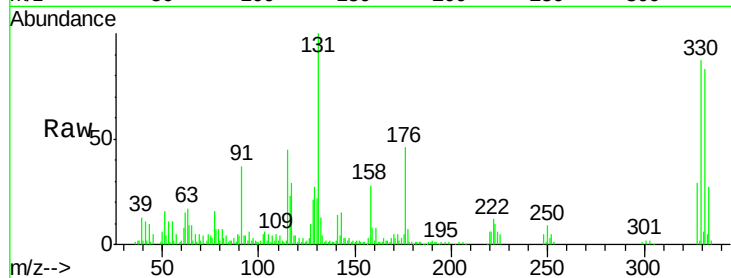




#41  
 2,4,6-Tribromophenol  
 Concen: 129.14 ng  
 RT: 10.31 min Scan# 750  
 Delta R.T. -0.00 min  
 Lab File: BF081290.D  
 Acq: 30 Aug 2015 1:01

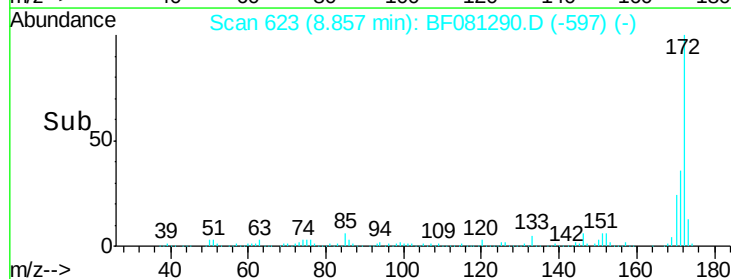
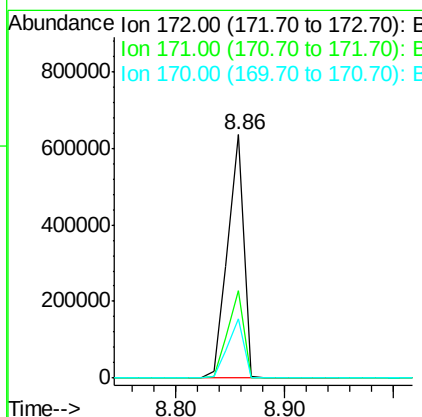
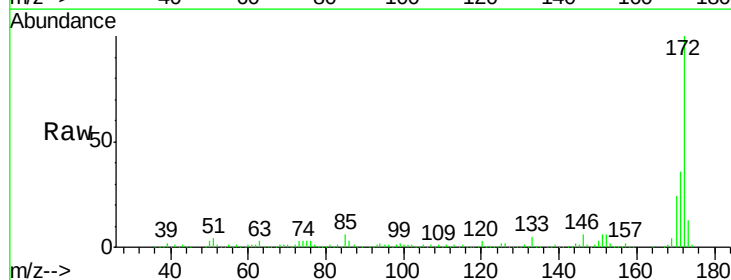
Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-04

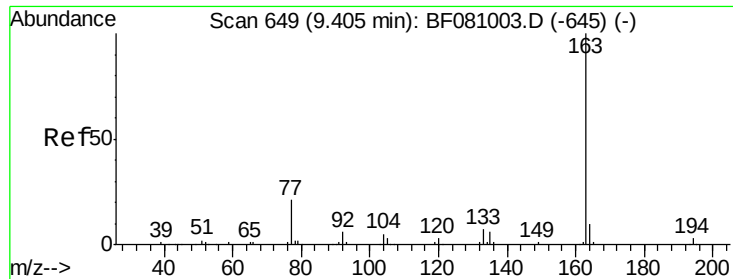
Tgt Ion:330 Resp: 110115  
 Ion Ratio Lower Upper  
 330 100  
 332 94.1 77.3 115.9  
 141 40.6 44.9 67.3#



#44  
 2-Fluorobiphenyl  
 Concen: 86.68 ng  
 RT: 8.86 min Scan# 623  
 Delta R.T. -0.00 min  
 Lab File: BF081290.D  
 Acq: 30 Aug 2015 1:01

Tgt Ion:172 Resp: 650780  
 Ion Ratio Lower Upper  
 172 100  
 171 36.1 28.9 43.3  
 170 24.3 19.4 29.2

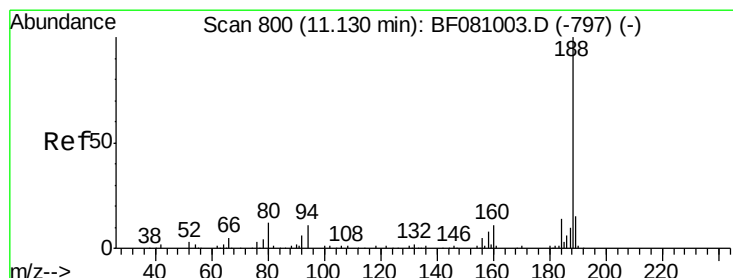
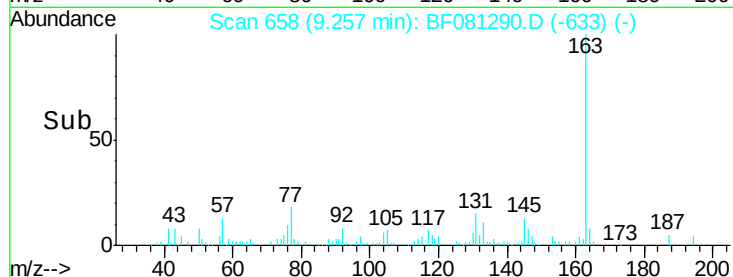
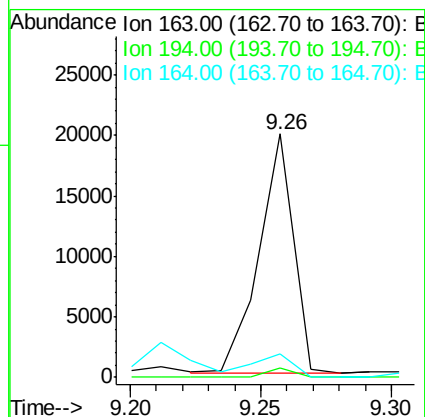
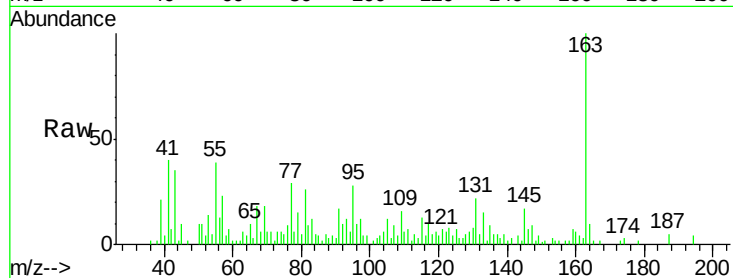




#49  
Dimethylphthalate  
Concen: 2.24 ng  
RT: 9.26 min Scan# 658  
Delta R.T. -0.01 min  
Lab File: BF081290.D  
Acq: 30 Aug 2015 1:01

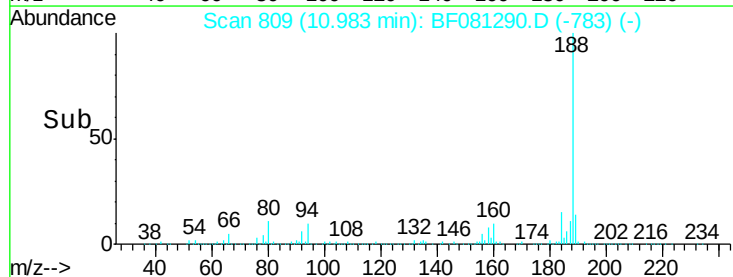
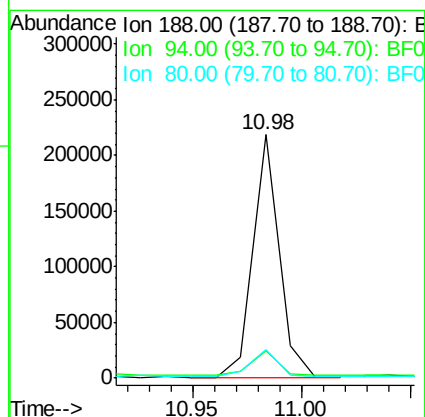
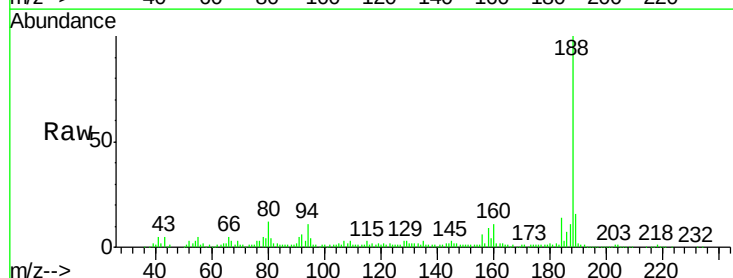
Instrument :  
BNA\_F  
ClientSampled :  
MW-04

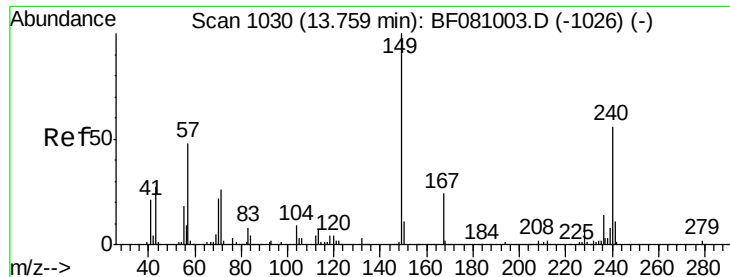
Tgt Ion:163 Resp: 18146  
Ion Ratio Lower Upper  
163 100  
194 3.9 2.5 3.7#  
164 9.5 8.1 12.1



#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 10.98 min Scan# 809  
Delta R.T. -0.00 min  
Lab File: BF081290.D  
Acq: 30 Aug 2015 1:01

Tgt Ion:188 Resp: 181892  
Ion Ratio Lower Upper  
188 100  
94 11.3 8.2 12.2  
80 11.6 9.5 14.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.60 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF081290.D

Acq: 30 Aug 2015 1:01

Instrument :

BNA\_F

ClientSampleId :

MW-04

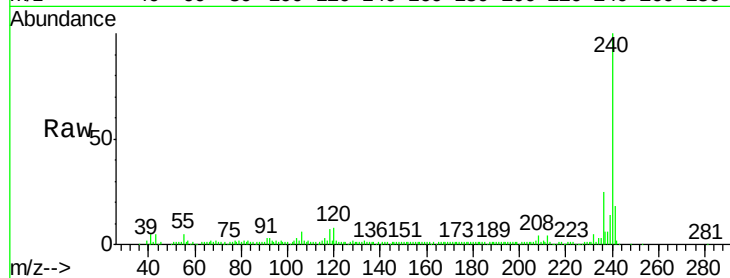
Tgt Ion:240 Resp: 129864

Ion Ratio Lower Upper

240 100

120 8.2 5.6 8.4

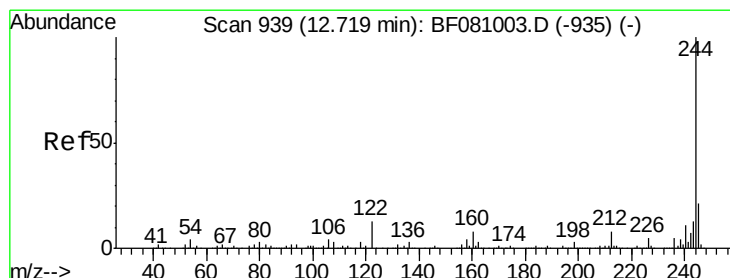
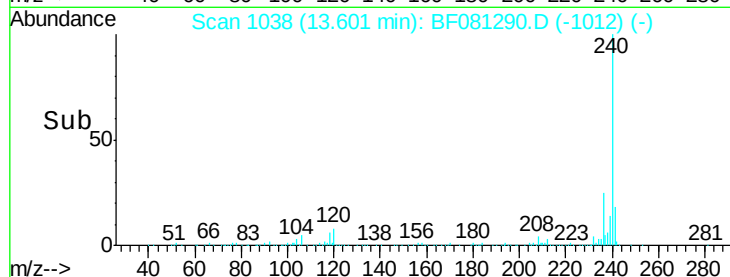
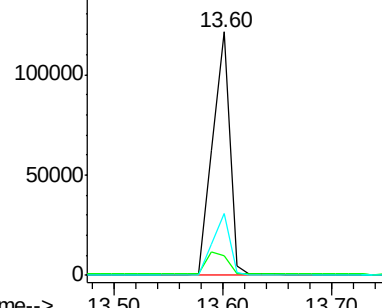
236 25.2 20.6 30.8



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: 73.65 ng

RT: 12.57 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF081290.D

Acq: 30 Aug 2015 1:01

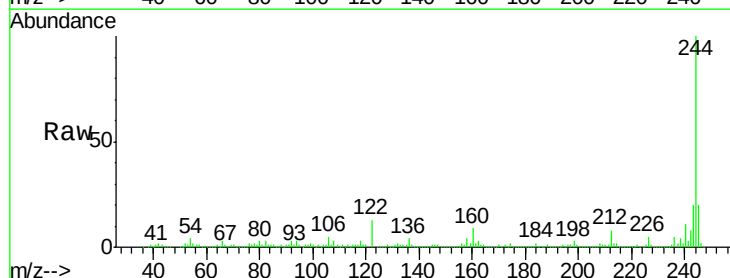
Tgt Ion:244 Resp: 446163

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

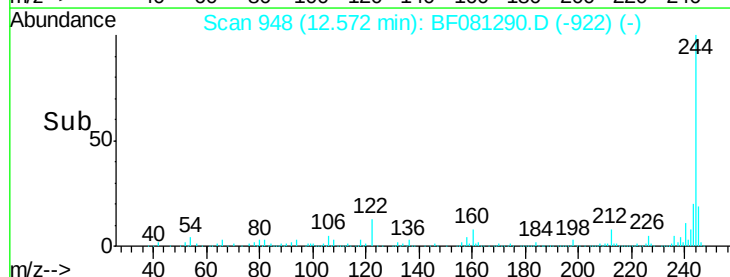
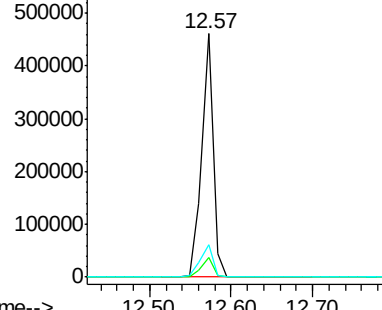
122 13.4 8.2 12.4#



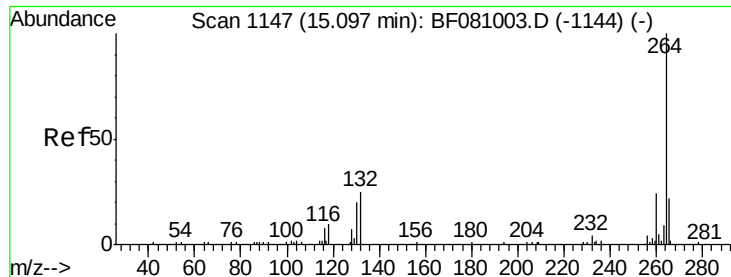
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



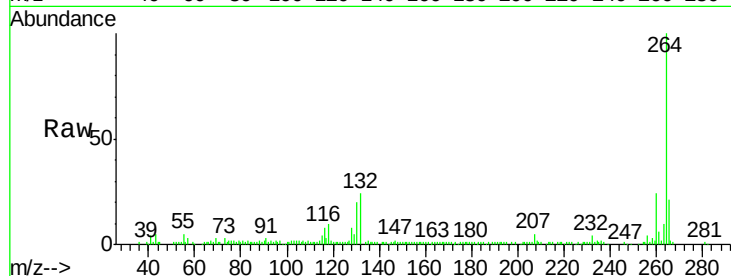




#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 14.92 min Scan# 1153  
Delta R.T. -0.00 min  
Lab File: BF081290.D  
Acq: 30 Aug 2015 1:01

Instrument :  
BNA\_F  
ClientSampleId :  
MW-04

Tgt Ion: 264 Resp: 101422  
Ion Ratio Lower Upper  
264 100  
260 24.3 19.6 29.4  
265 21.2 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

