

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040215\  
 Data File : BF078214.D  
 Acq On : 2 Apr 2015 22:07  
 Operator : TP/IZ  
 Sample : G1736-03  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-10

Quant Time: Apr 03 01:19:03 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 03 00:57:15 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.01  | 152  | 35880    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.59  | 136  | 148222   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 10.76 | 164  | 69610    | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 12.59 | 188  | 136634   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 15.86 | 240  | 139140   | 20.00  | ng    | -0.02    |
| 86) Perylene-d12            | 17.53 | 264  | 135297   | 20.00  | ng    | -0.14    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.30  | 112  | 130847   | 60.13  | ng    | 0.01     |
| 7) Phenol-d6                | 6.61  | 99   | 99570    | 36.51  | ng    | 0.01     |
| 23) Nitrobenzene-d5         | 7.71  | 82   | 218362   | 89.30  | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 11.73 | 330  | 90856    | 157.38 | ng    | -0.01    |
| 44) 2-Fluorobiphenyl        | 9.94  | 172  | 486989   | 100.00 | ng    | 0.00     |
| 78) Terphenyl-d14           | 14.59 | 244  | 541514   | 87.94  | ng    | 0.00     |

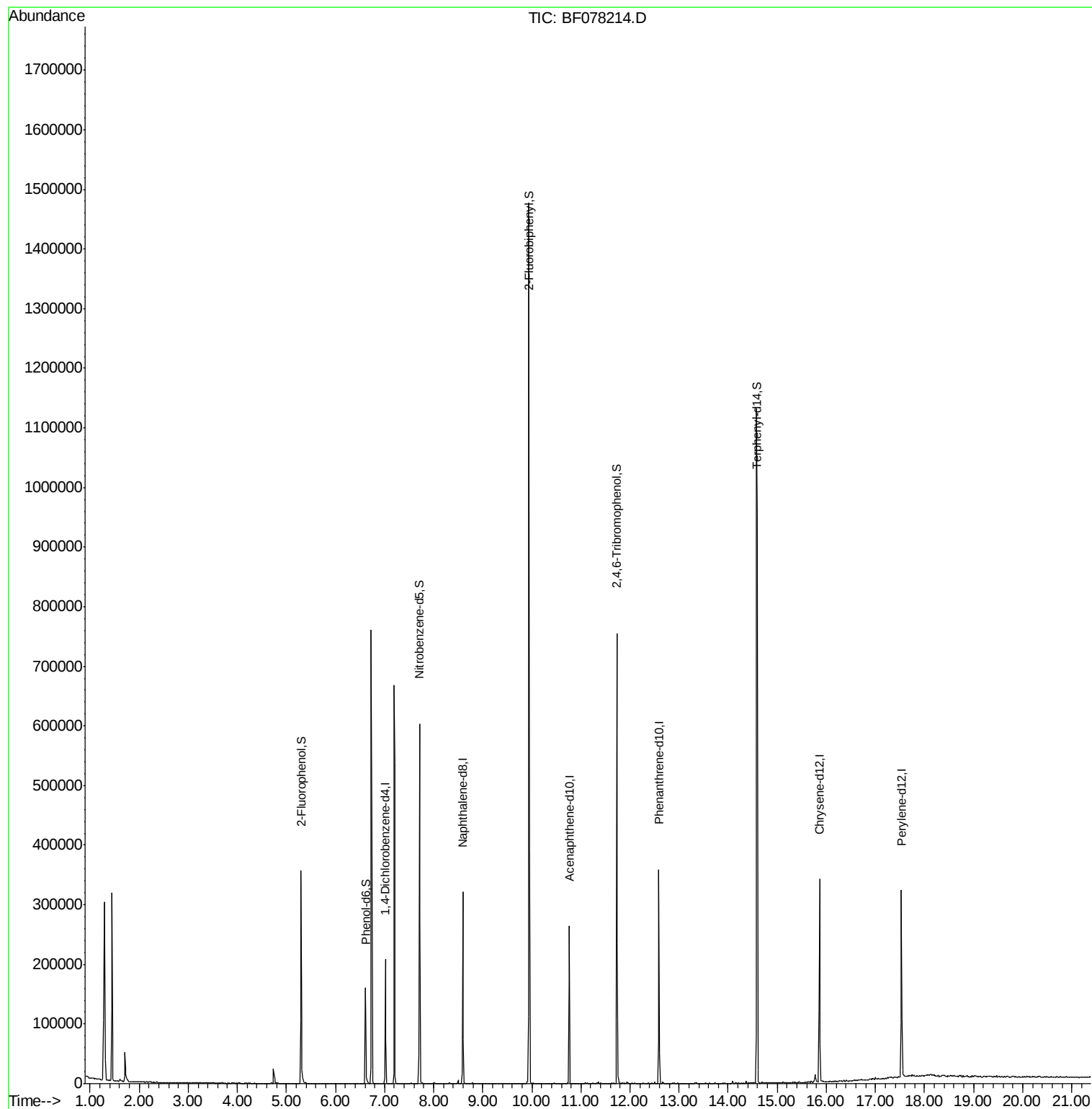
Target Compounds Qvalue

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040215\  
Data File : BF078214.D  
Acq On : 2 Apr 2015 22:07  
Operator : TP/IZ  
Sample : G1736-03  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
MW-10

Quant Time: Apr 03 01:19:03 2015  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Apr 03 00:57:15 2015  
Response via : Initial Calibration



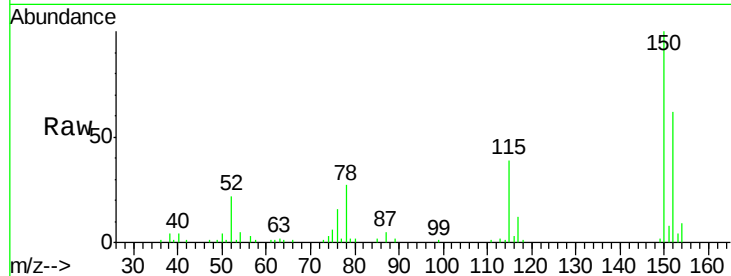


#1

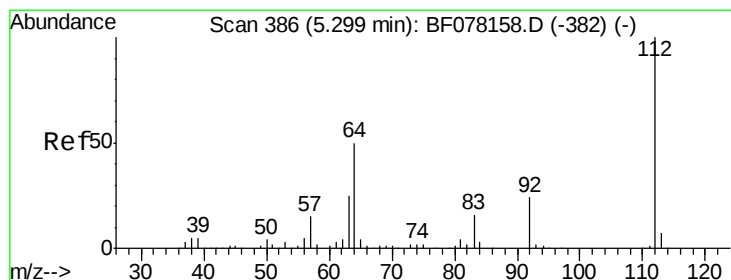
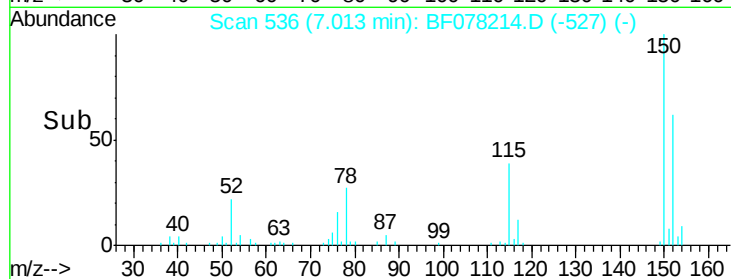
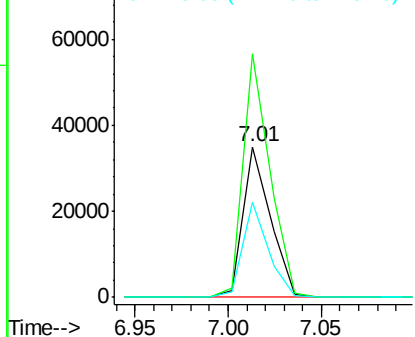
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.01 min Scan# 536  
Delta R.T. 0.00 min  
Lab File: BF078214.D  
Acq: 2 Apr 2015 22:07

Instrument :  
BNA\_F  
ClientSampleId :  
MW-10

Tot Ion:152 Resp: 35880  
Ion Ratio Lower Upper  
152 100  
150 161.5 125.9 188.9  
115 62.8 52.7 79.1



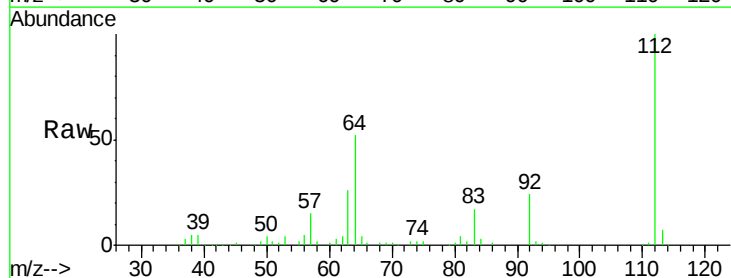
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



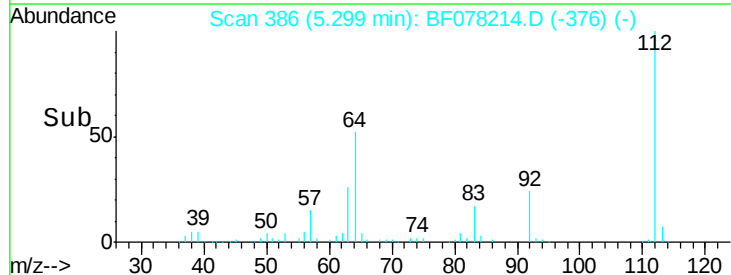
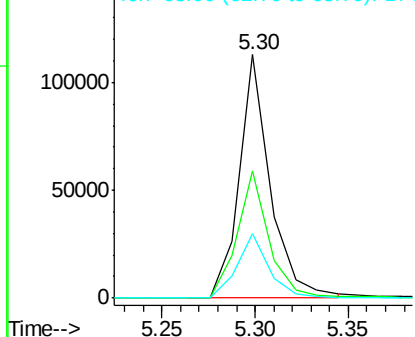
#5

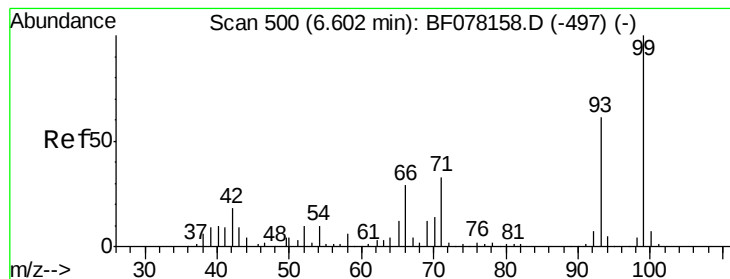
2-Fluorophenol  
Concen: 60.13 ng  
RT: 5.30 min Scan# 386  
Delta R.T. 0.01 min  
Lab File: BF078214.D  
Acq: 2 Apr 2015 22:07

Tgt Ion:112 Resp: 130847  
Ion Ratio Lower Upper  
112 100  
64 52.4 39.9 59.9  
63 26.2 20.2 30.4



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: 36.51 ng

RT: 6.61 min Scan# 501

Delta R.T. 0.01 min

Lab File: BF078214.D

Acq: 2 Apr 2015 22:07

Instrument :

BNA\_F

ClientSampleId :

MW-10

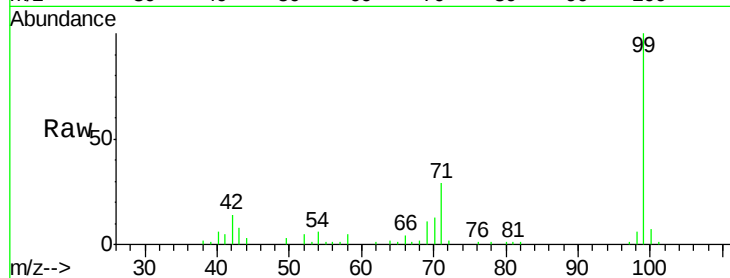
Tot Ion: 99 Resp: 99570

Ion Ratio Lower Upper

99 100

42 13.6 14.8 22.2#

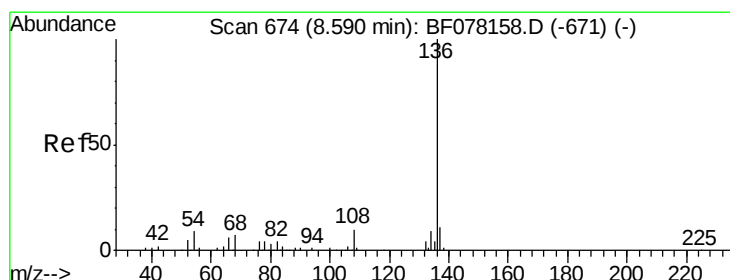
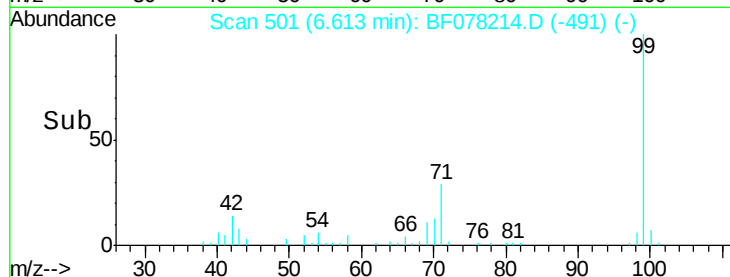
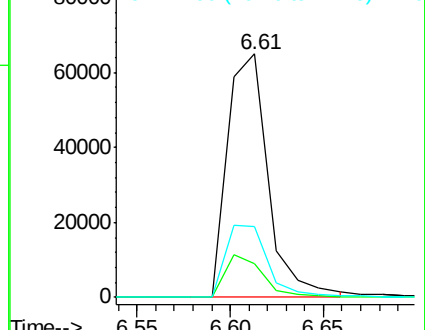
71 29.2 26.6 39.8



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: 8.59 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF078214.D

Acq: 2 Apr 2015 22:07

Tgt Ion: 136 Resp: 148222

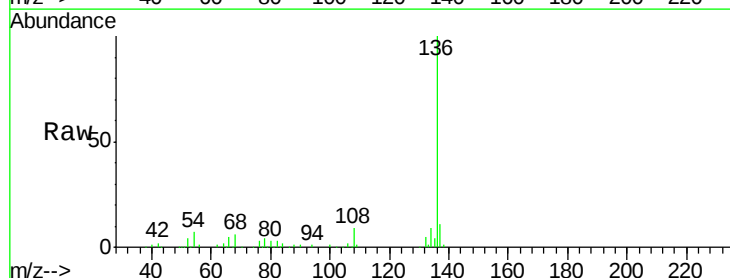
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.3 7.0 10.6

68 6.1 5.4 8.2

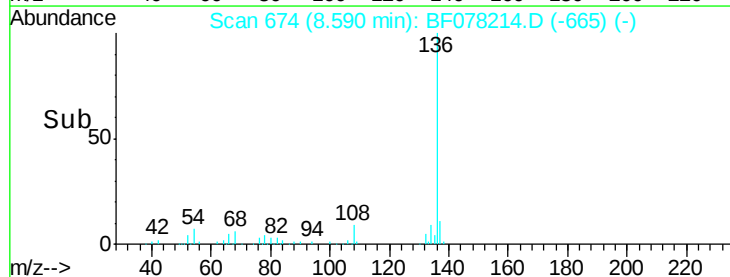
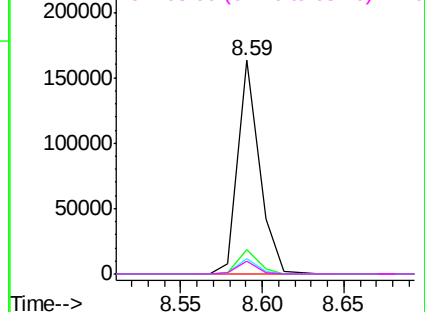


Abundance Ion 136.00 (135.70 to 136.70): E

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

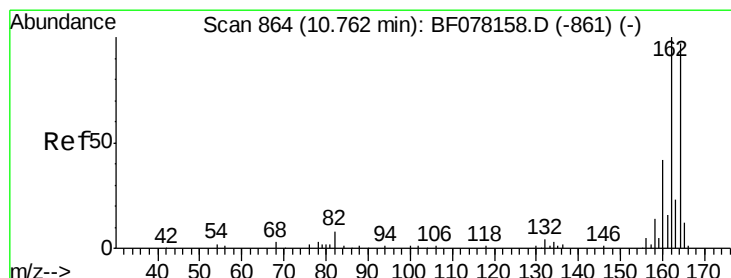
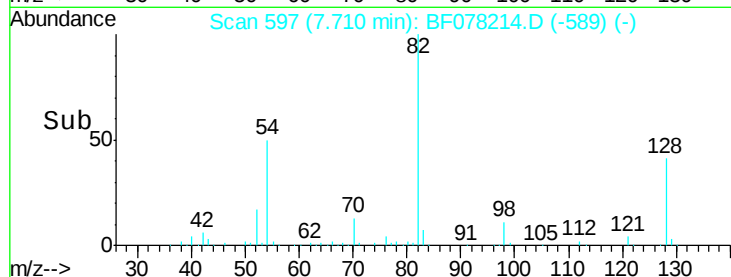
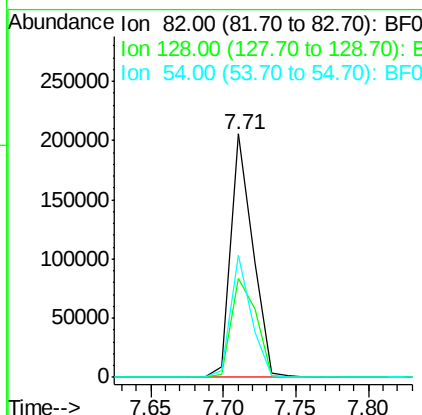
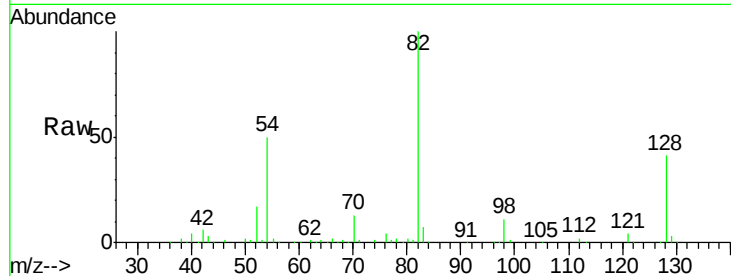




#23  
 Nitrobenzene-d5  
 Concen: 89.30 ng  
 RT: 7.71 min Scan# 597  
 Delta R.T. -0.01 min  
 Lab File: BF078214.D  
 Acq: 2 Apr 2015 22:07

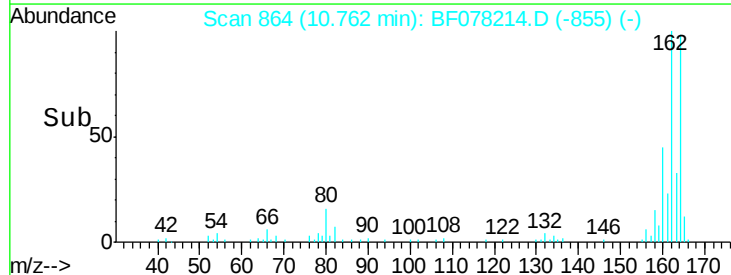
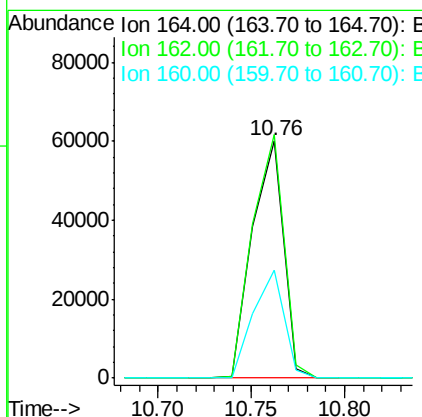
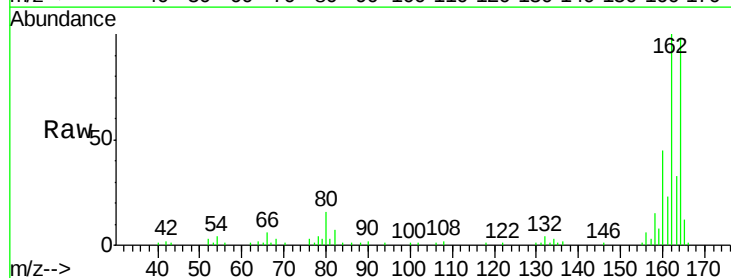
Instrument :  
 BNA\_F  
 ClientSampled :  
 MW-10

| Tot Ion   | 82    | Resp  | 218362 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 40.7  | 31.8  | 47.8   |
| 54        | 50.1  | 41.5  | 62.3   |



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 10.76 min Scan# 864  
 Delta R.T. 0.00 min  
 Lab File: BF078214.D  
 Acq: 2 Apr 2015 22:07

| Tgt Ion   | 164   | Resp  | 69610 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 162       | 102.4 | 82.2  | 123.2 |
| 160       | 45.6  | 34.7  | 52.1  |

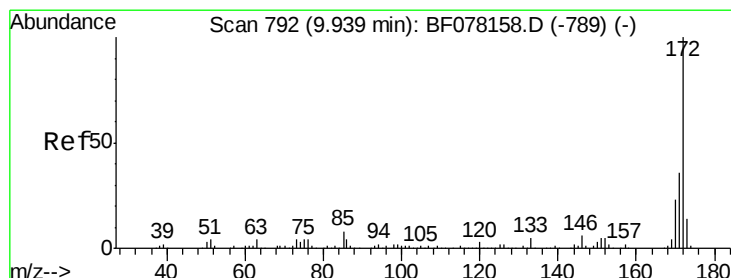
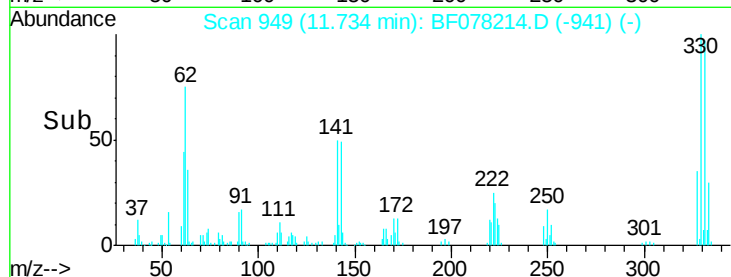
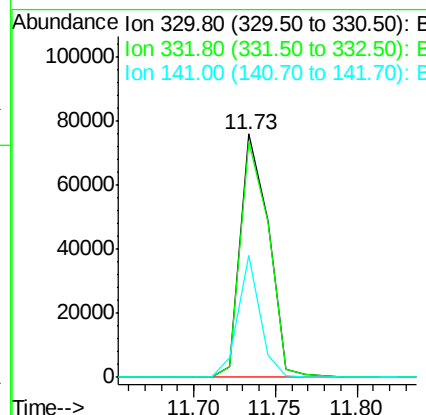
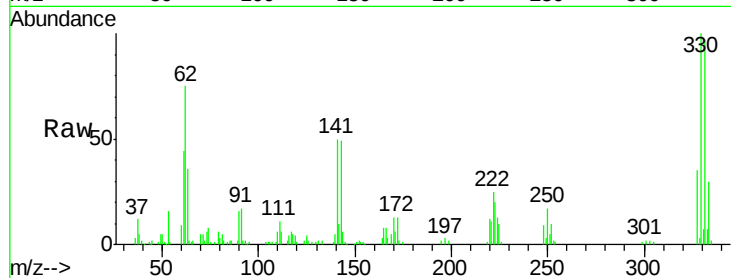




#41  
 2,4,6-Tribromophenol  
 Concen: 157.38 ng  
 RT: 11.73 min Scan# 949  
 Delta R.T. -0.01 min  
 Lab File: BF078214.D  
 Acq: 2 Apr 2015 22:07

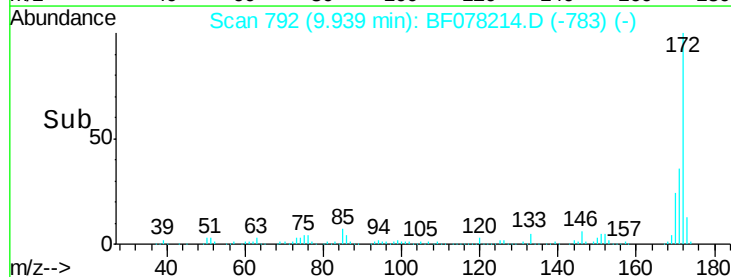
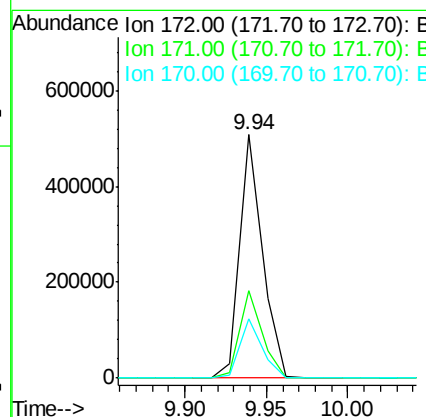
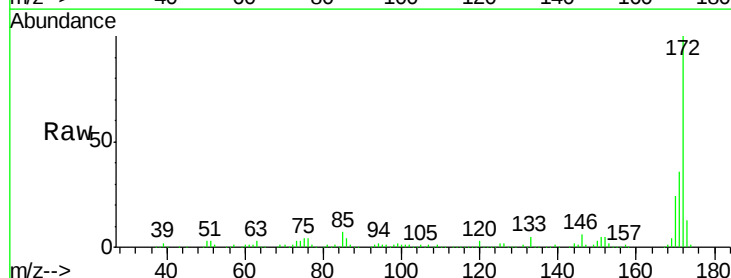
Instrument :  
 BNA\_F  
 ClientSampled :  
 MW-10

Tot Ion:330 Resp: 90856  
 Ion Ratio Lower Upper  
 330 100  
 332 97.5 78.6 117.8  
 141 38.7 31.2 46.8



#44  
 2-Fluorobiphenyl  
 Concen: 100.00 ng  
 RT: 9.94 min Scan# 792  
 Delta R.T. 0.00 min  
 Lab File: BF078214.D  
 Acq: 2 Apr 2015 22:07

Tgt Ion:172 Resp: 486989  
 Ion Ratio Lower Upper  
 172 100  
 171 35.7 28.6 42.8  
 170 24.2 18.5 27.7

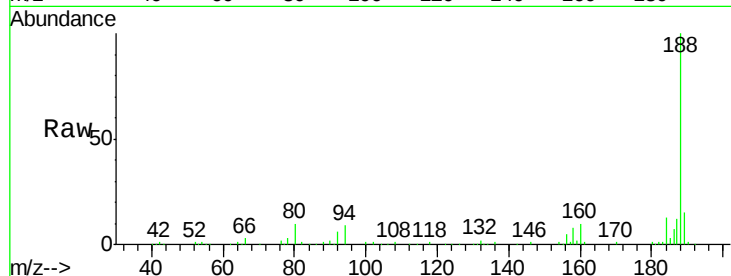




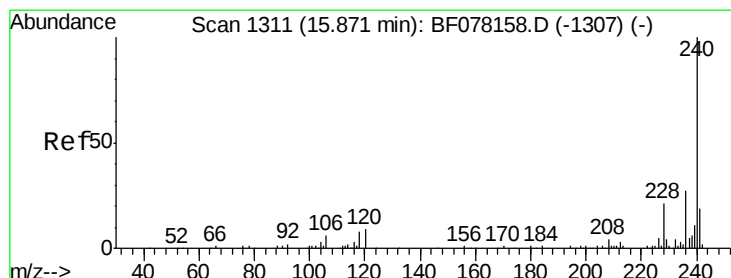
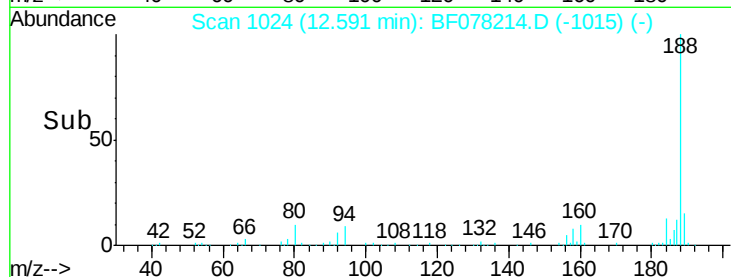
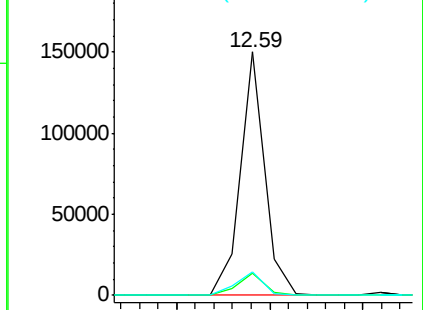
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 12.59 min Scan# 1024  
Delta R.T. 0.00 min  
Lab File: BF078214.D  
Acq: 2 Apr 2015 22:07

Instrument :  
BNA\_F  
ClientSampleId :  
MW-10

Tot Ion:188 Resp: 136634  
Ion Ratio Lower Upper  
188 100  
94 9.2 9.0 13.4  
80 9.7 9.5 14.3

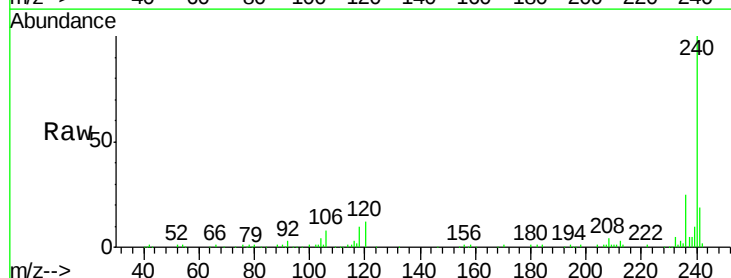


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0

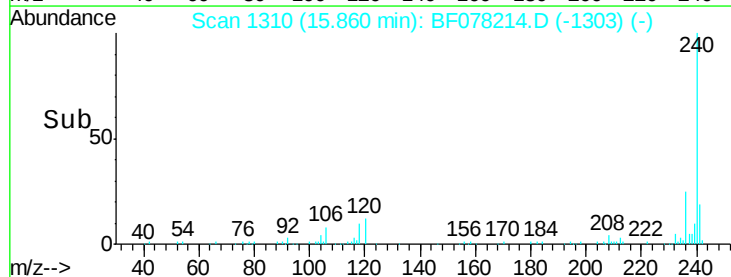
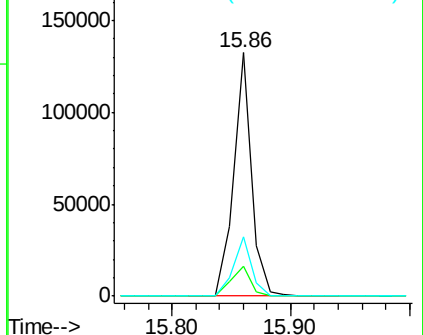


#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 15.86 min Scan# 1310  
Delta R.T. -0.02 min  
Lab File: BF078214.D  
Acq: 2 Apr 2015 22:07

Tgt Ion:240 Resp: 139140  
Ion Ratio Lower Upper  
240 100  
120 12.3 7.1 10.7#  
236 24.5 21.4 32.2



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: 87.94 ng

RT: 14.59 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BF078214.D

Acq: 2 Apr 2015 22:07

Instrument :

BNA\_F

ClientSampleId :

MW-10

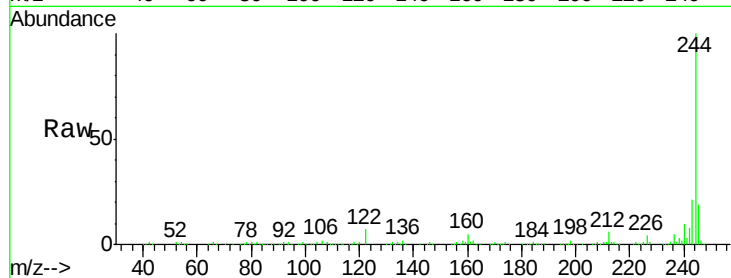
Tot Ion:244 Resp: 541514

Ion Ratio Lower Upper

244 100

212 6.1 5.0 7.4

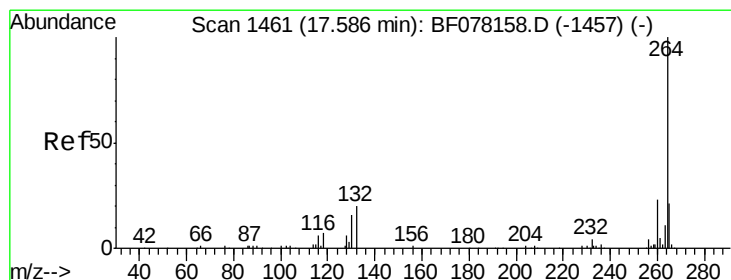
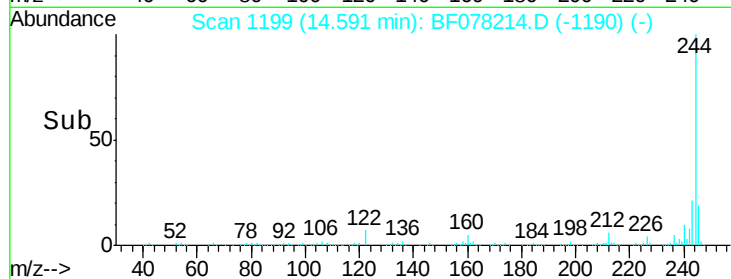
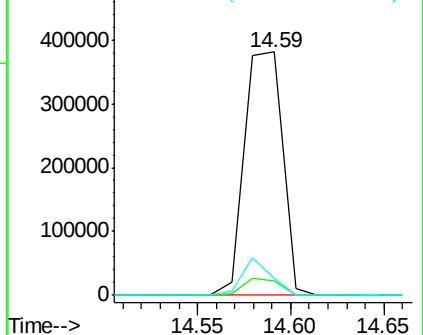
122 7.1 7.1 10.7#



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: 17.53 min Scan# 1456

Delta R.T. -0.14 min

Lab File: BF078214.D

Acq: 2 Apr 2015 22:07

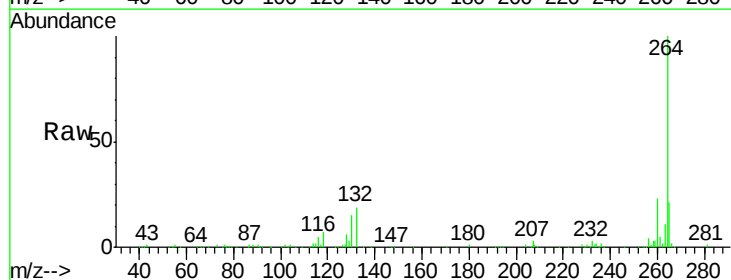
Tgt Ion:264 Resp: 135297

Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 21.2 17.0 25.6



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

