

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031915\  
 Data File : BF077842.D  
 Acq On : 19 Mar 2015 20:42  
 Operator : TP/IZ  
 Sample : G1573-05  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 KINGSBRIDGE-FIELDBLANK-1-3-18

Quant Time: Mar 20 01:48:17 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 20 01:13:23 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 7.15  | 152  | 40132    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.73  | 136  | 160599   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 10.90 | 164  | 78215    | 20.00  | ng    | 0.00     |
| 63) Phenanthrene-d10        | 12.74 | 188  | 157328   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 16.02 | 240  | 171778   | 20.00  | ng    | -0.01    |
| 86) Perylene-d12            | 17.77 | 264  | 175203   | 20.00  | ng    | -0.02    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.45  | 112  | 133107   | 57.89  | ng    | 0.01     |
| 7) Phenol-d6                | 6.73  | 99   | 103784   | 36.54  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.85  | 82   | 232072   | 94.72  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 11.88 | 330  | 97381    | 130.13 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 10.08 | 172  | 490931   | 92.24  | ng    | 0.00     |
| 78) Terphenyl-d14           | 14.73 | 244  | 574230   | 81.66  | ng    | -0.01    |

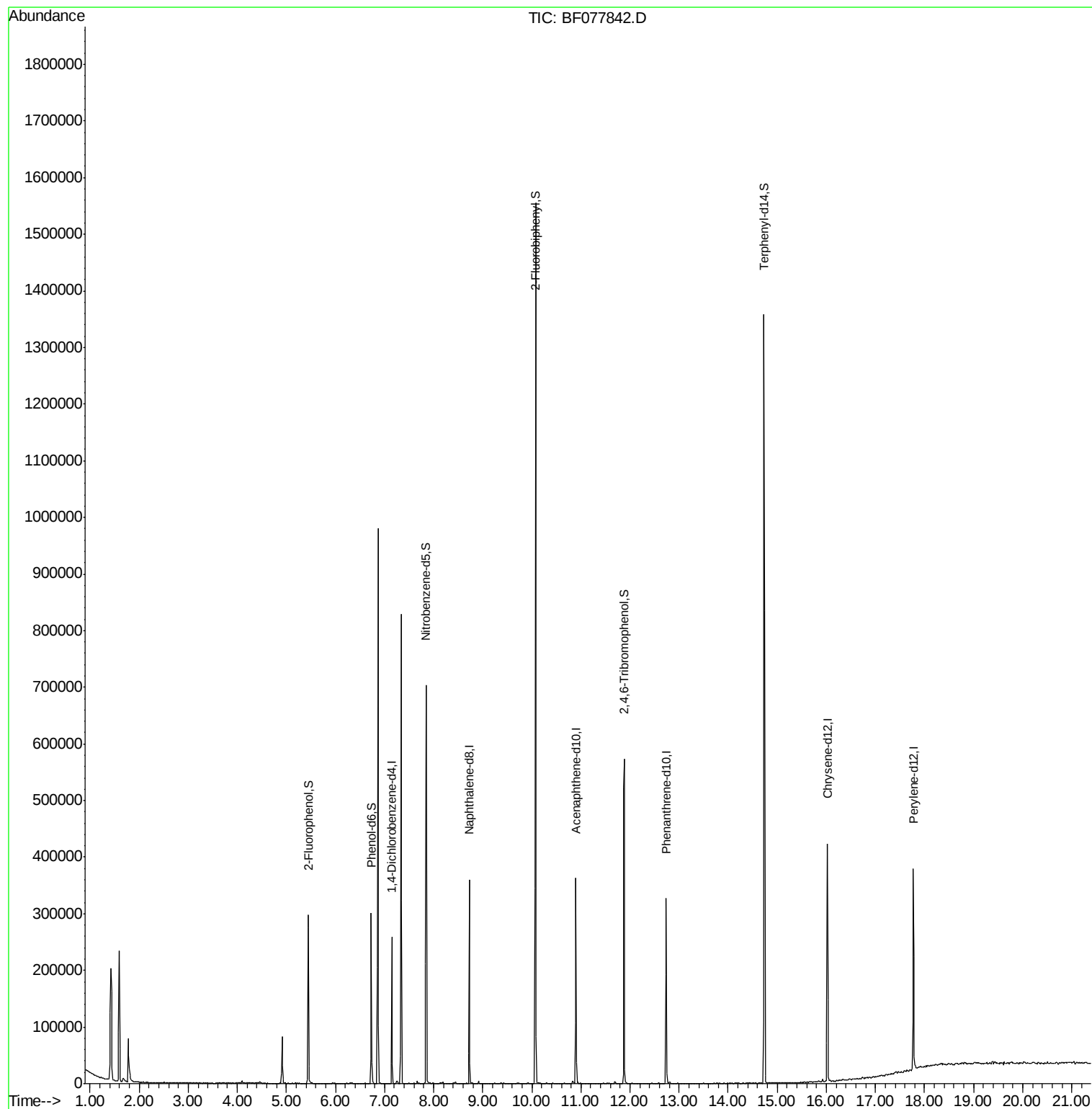
Target Compounds Qvalue

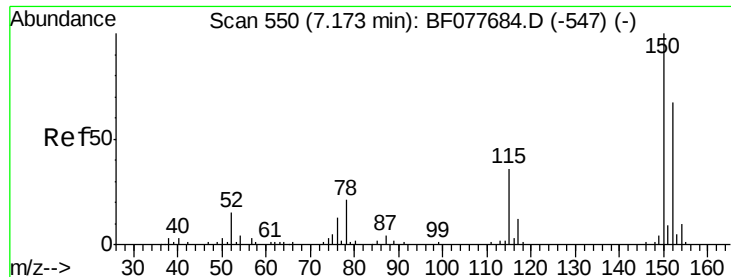
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031915\  
Data File : BF077842.D  
Acq On : 19 Mar 2015 20:42  
Operator : TP/IZ  
Sample : G1573-05  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
KINGSBRIDGE-FIELDBLANK-1-3-18

Quant Time: Mar 20 01:48:17 2015  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Mar 20 01:13:23 2015  
Response via : Initial Calibration



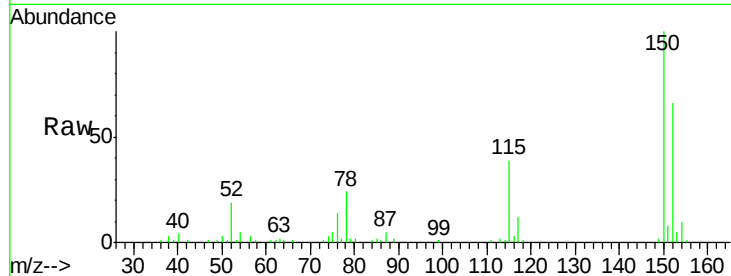


#1

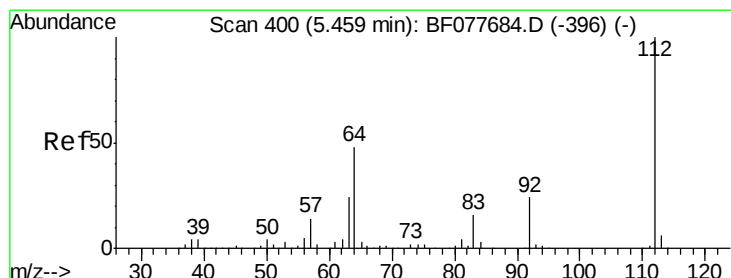
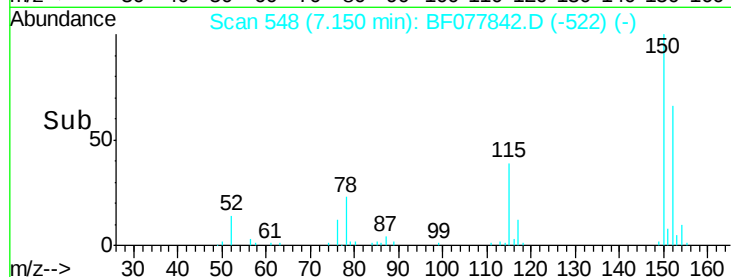
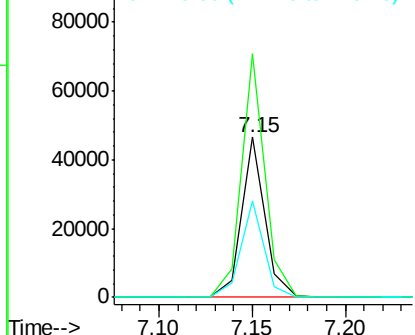
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.15 min Scan# 548  
Delta R.T. 0.00 min  
Lab File: BF077842.D  
Acq: 19 Mar 2015 20:42

Instrument :  
BNA\_F  
ClientSampleId :  
KINGSBRIDGE-FIELDBLANK-1-3-18

Tot Ion:152 Resp: 40132  
Ion Ratio Lower Upper  
152 100  
150 152.1 119.5 179.3  
115 59.9 43.0 64.4



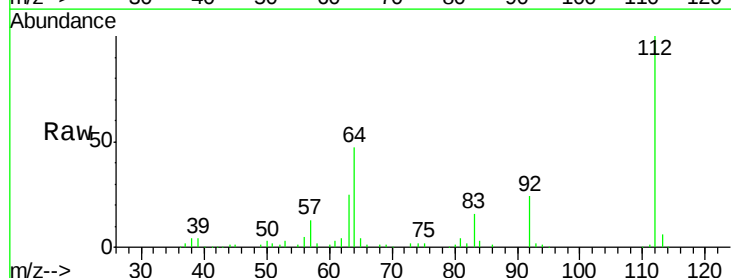
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



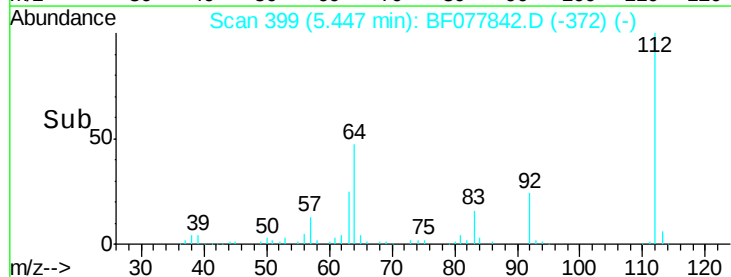
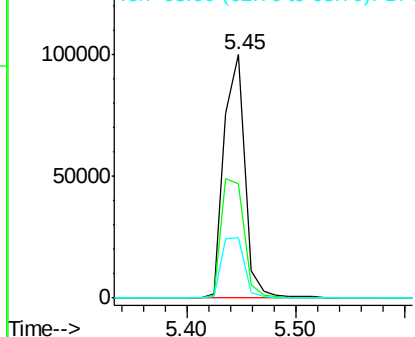
#5

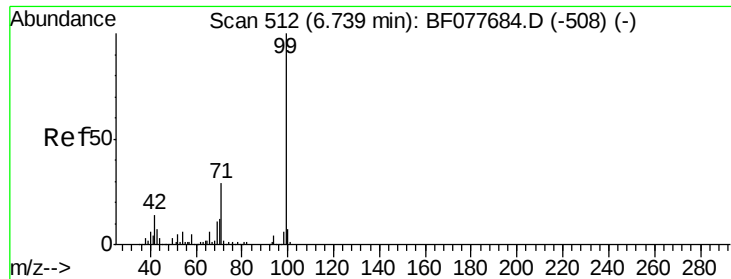
2-Fluorophenol  
Concen: 57.89 ng  
RT: 5.45 min Scan# 399  
Delta R.T. 0.01 min  
Lab File: BF077842.D  
Acq: 19 Mar 2015 20:42

Tgt Ion:112 Resp: 133107  
Ion Ratio Lower Upper  
112 100  
64 47.0 38.6 57.8  
63 25.0 19.3 28.9



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: 36.54 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077842.D

Acq: 19 Mar 2015 20:42

Instrument :

BNA\_F

ClientSampleId :

KINGSBRIDGE-FIELDBLANK-1-3-18

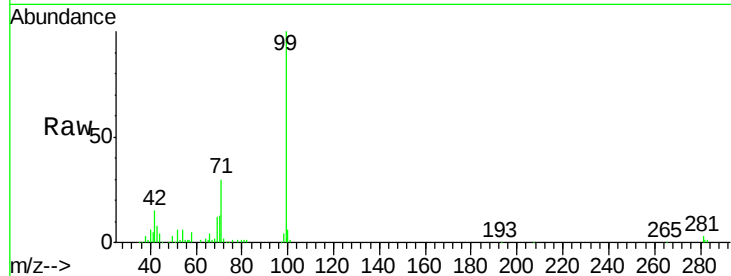
Tot Ion: 99 Resp: 103784

Ion Ratio Lower Upper

99 100

42 14.9 11.0 16.4

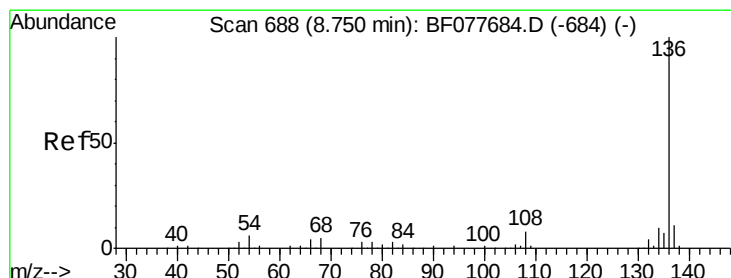
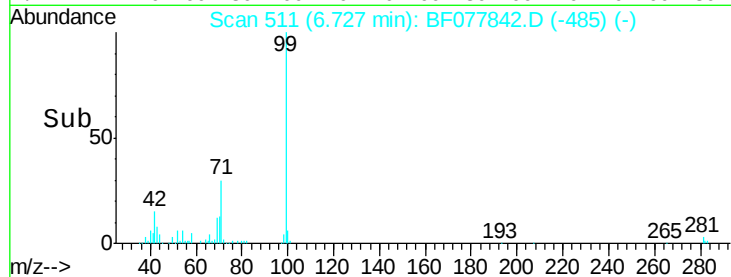
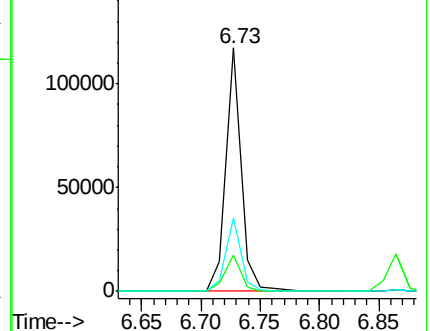
71 29.9 23.4 35.2



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: 8.73 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF077842.D

Acq: 19 Mar 2015 20:42

Tgt Ion: 136 Resp: 160599

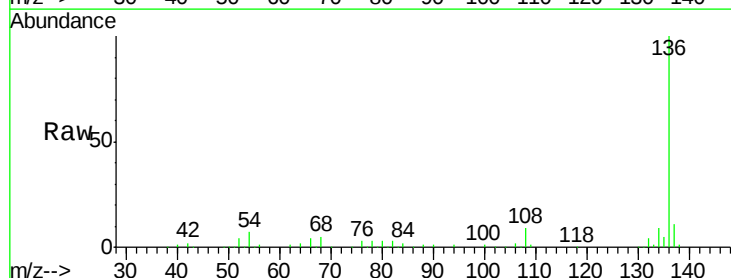
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 6.6 4.6 6.8

68 5.3 3.7 5.5

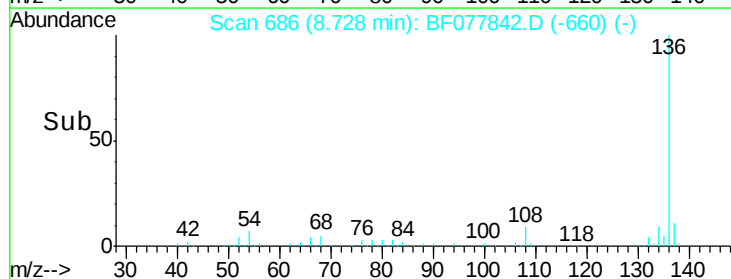
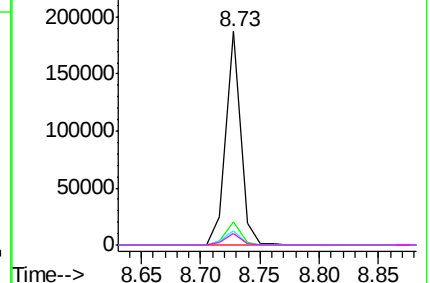


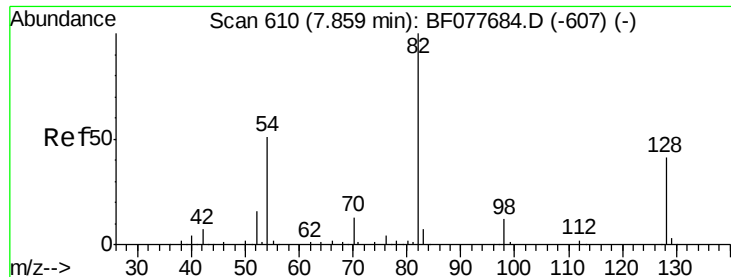
Abundance Ion 136.00 (135.70 to 136.70): E

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

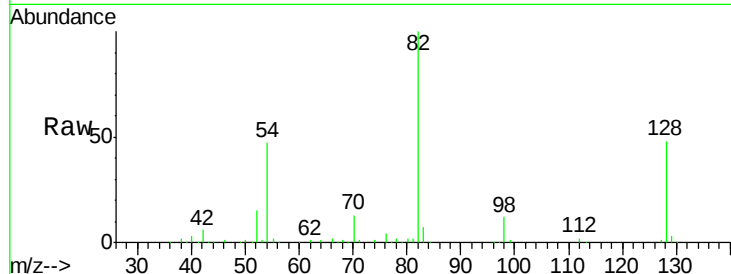




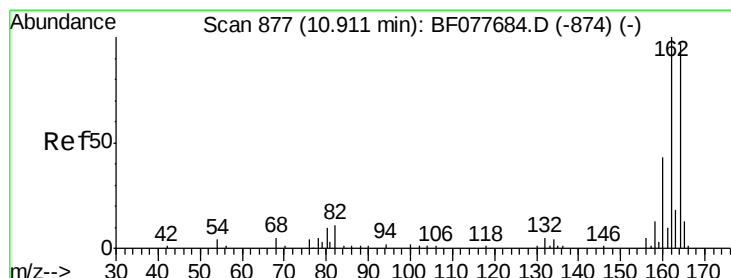
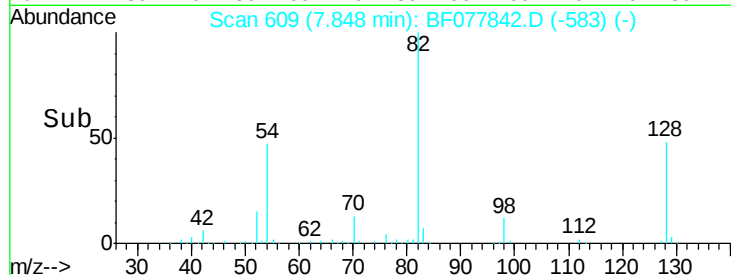
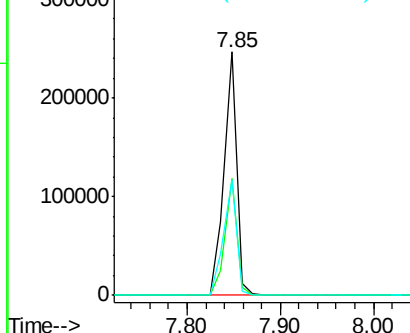
#23  
 Nitrobenzene-d5  
 Concen: 94.72 ng  
 RT: 7.85 min Scan# 609  
 Delta R.T. 0.00 min  
 Lab File: BF077842.D  
 Acq: 19 Mar 2015 20:42

Instrument :  
 BNA\_F  
 ClientSampleId :  
 KINGSBRIDGE-FIELDBLANK-1-3-18

Tot Ion: 82 Resp: 232072  
 Ion Ratio Lower Upper  
 82 100  
 128 48.0 32.8 49.2  
 54 47.3 40.6 60.8

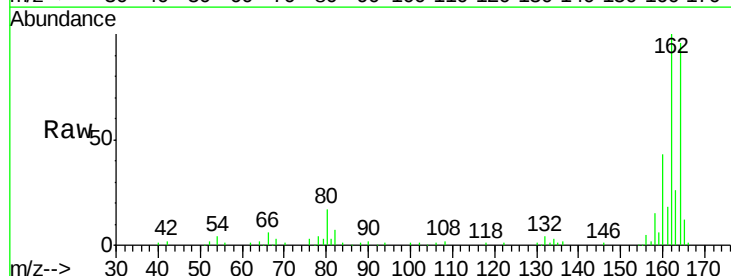


Abundance Ion 82.00 (81.70 to 82.70): BF0  
 Ion 128.00 (127.70 to 128.70): E  
 Ion 54.00 (53.70 to 54.70): BF0

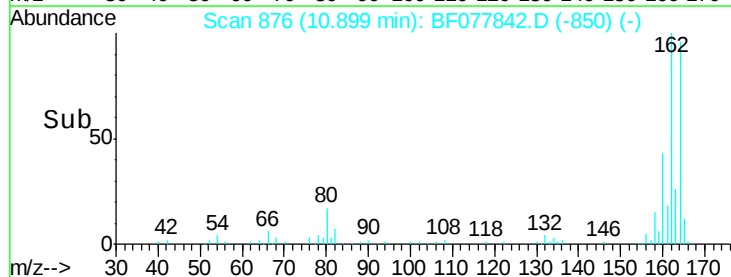
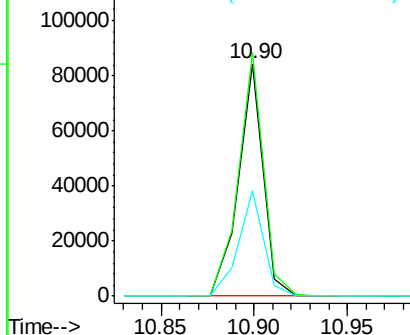


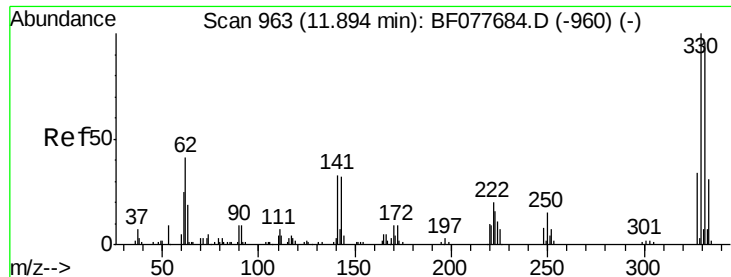
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 10.90 min Scan# 876  
 Delta R.T. 0.00 min  
 Lab File: BF077842.D  
 Acq: 19 Mar 2015 20:42

Tgt Ion:164 Resp: 78215  
 Ion Ratio Lower Upper  
 164 100  
 162 104.6 82.4 123.6  
 160 45.1 35.8 53.6



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

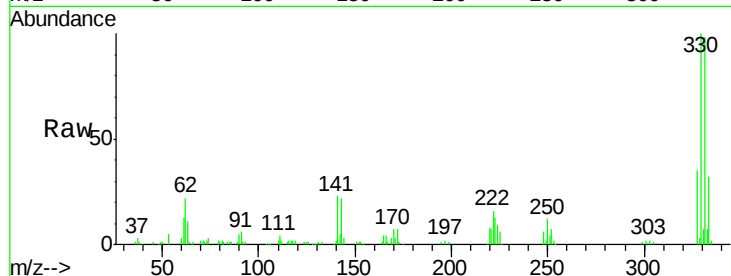




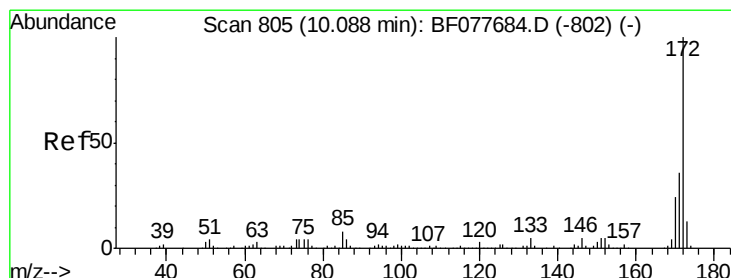
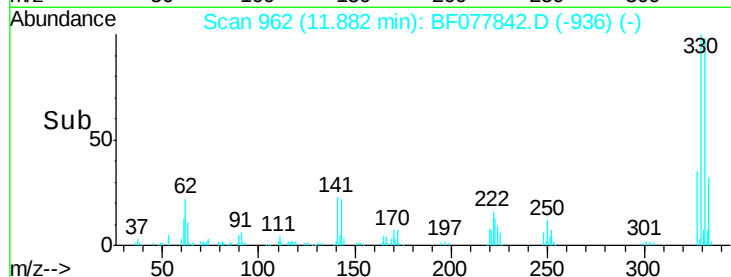
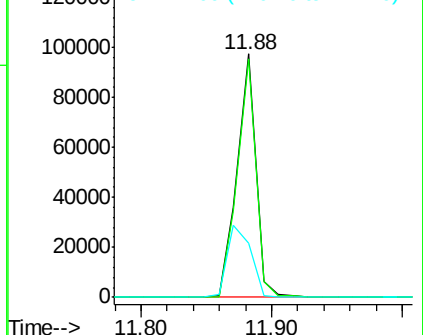
#41  
 2,4,6-Tribromophenol  
 Concen: 130.13 ng  
 RT: 11.88 min Scan# 962  
 Delta R.T. 0.00 min  
 Lab File: BF077842.D  
 Acq: 19 Mar 2015 20:42

Instrument :  
 BNA\_F  
 ClientSampleId :  
 KINGSBRIDGE-FIELDBLANK-1-3-18

Tot Ion:330 Resp: 97381  
 Ion Ratio Lower Upper  
 330 100  
 332 97.5 0.0 0.0#  
 141 37.2 0.0 0.0#

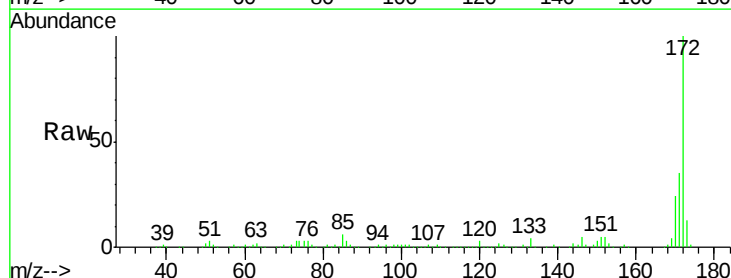


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

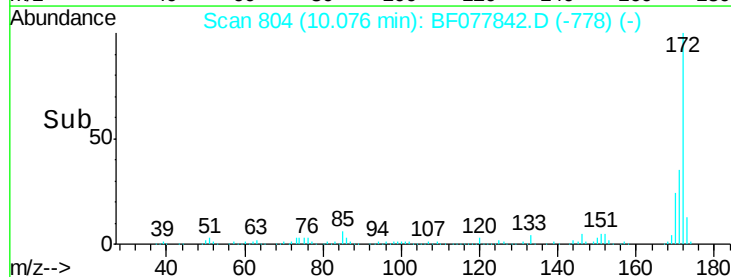
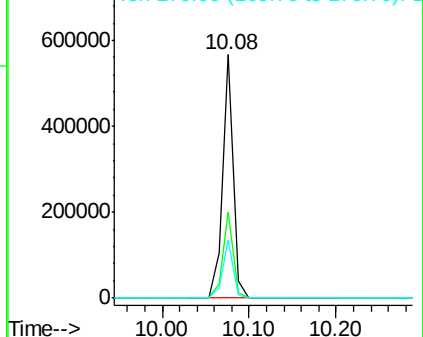


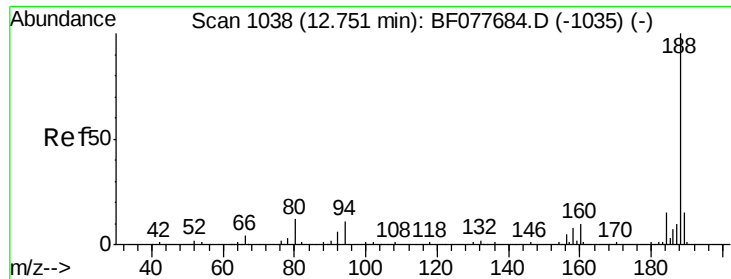
#44  
 2-Fluorobiphenyl  
 Concen: 92.24 ng  
 RT: 10.08 min Scan# 804  
 Delta R.T. 0.00 min  
 Lab File: BF077842.D  
 Acq: 19 Mar 2015 20:42

Tgt Ion:172 Resp: 490931  
 Ion Ratio Lower Upper  
 172 100  
 171 35.5 28.5 42.7  
 170 23.8 18.8 28.2



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

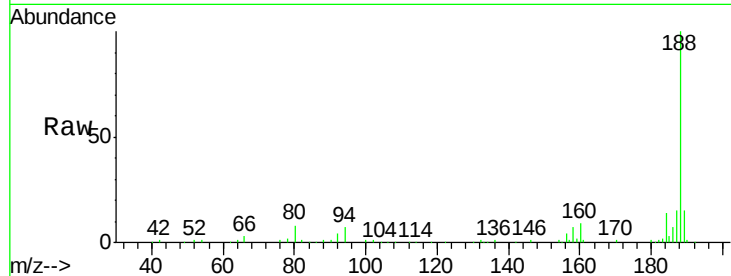




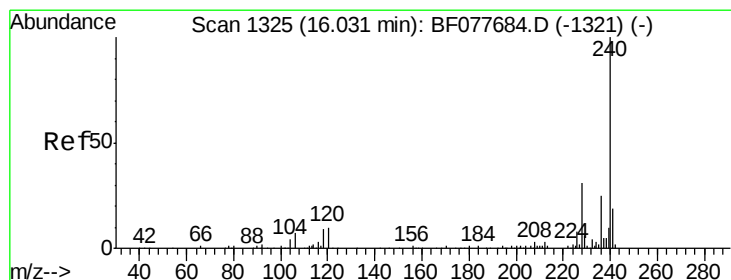
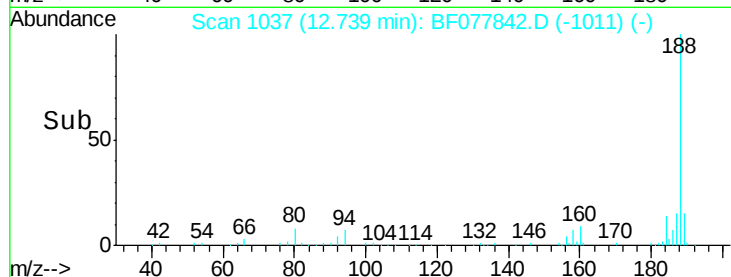
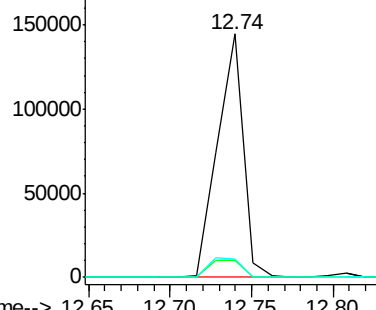
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 12.74 min Scan# 1037  
Delta R.T. 0.00 min  
Lab File: BF077842.D  
Acq: 19 Mar 2015 20:42

Instrument :  
BNA\_F  
ClientSampleId :  
KINGSBRIDGE-FIELDBLANK-1-3-18

Tot Ion:188 Resp: 157328  
Ion Ratio Lower Upper  
188 100  
94 6.9 8.7 13.1#  
80 7.5 9.3 13.9#

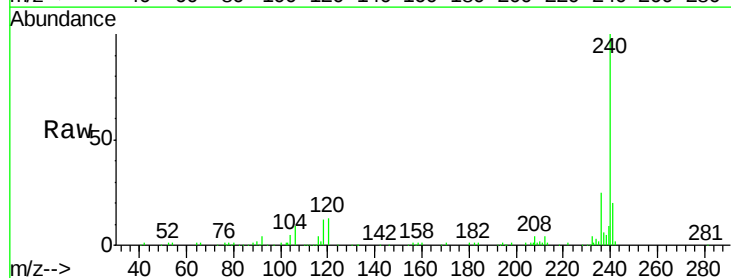


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0

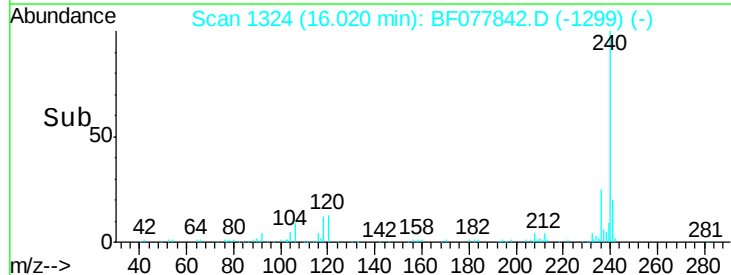
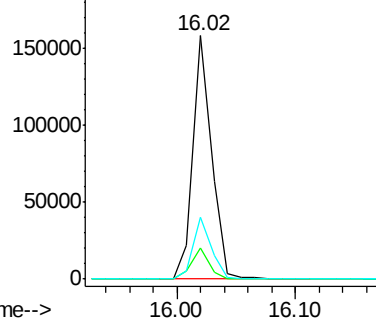


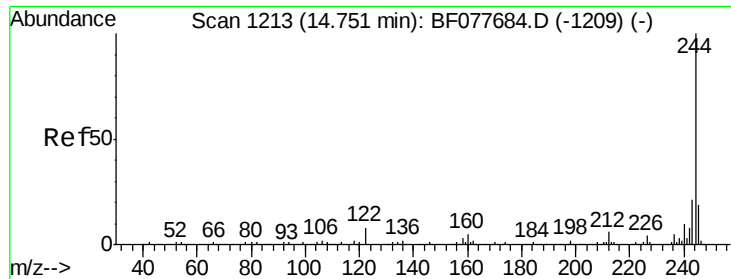
#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 16.02 min Scan# 1324  
Delta R.T. -0.01 min  
Lab File: BF077842.D  
Acq: 19 Mar 2015 20:42

Tgt Ion:240 Resp: 171778  
Ion Ratio Lower Upper  
240 100  
120 12.8 8.2 12.2#  
236 25.4 20.0 30.0



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

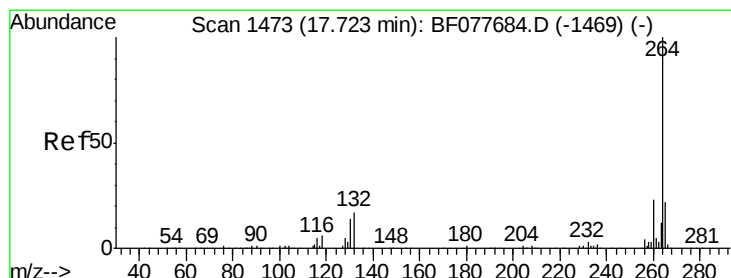
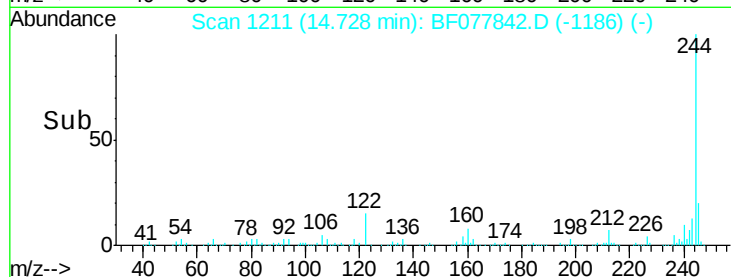
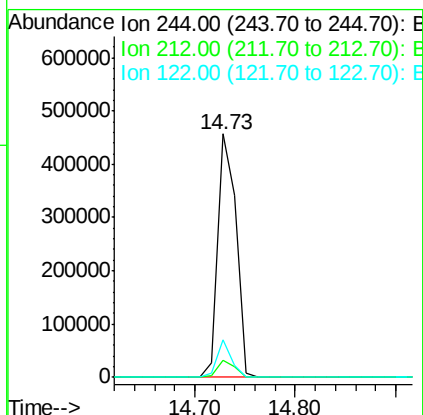
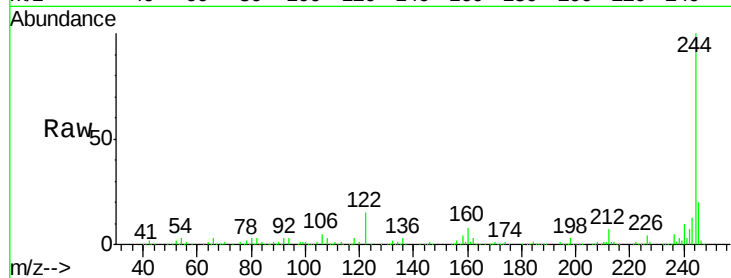




#78  
 Terphenyl-d14  
 Concen: 81.66 ng  
 RT: 14.73 min Scan# 1211  
 Delta R.T. -0.01 min  
 Lab File: BF077842.D  
 Acq: 19 Mar 2015 20:42

Instrument :  
 BNA\_F  
 ClientSampleId :  
 KINGSBRIDGE-FIELDBLANK-1-3-18

Tot Ion:244 Resp: 574230  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 4.9 7.3  
 122 15.4 6.2 9.4#



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 17.77 min Scan# 1477  
 Delta R.T. -0.02 min  
 Lab File: BF077842.D  
 Acq: 19 Mar 2015 20:42

Tgt Ion:264 Resp: 175203  
 Ion Ratio Lower Upper  
 264 100  
 260 24.0 18.6 27.8  
 265 21.3 17.3 25.9

