

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022715\  
 Data File : BF077516.D  
 Acq On : 27 Feb 2015 20:28  
 Operator : TP/IZ  
 Sample : G1388-03  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 1121-20

Quant Time: Feb 27 22:42:04 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 27 22:28:54 2015  
 Response via : Initial Calibration

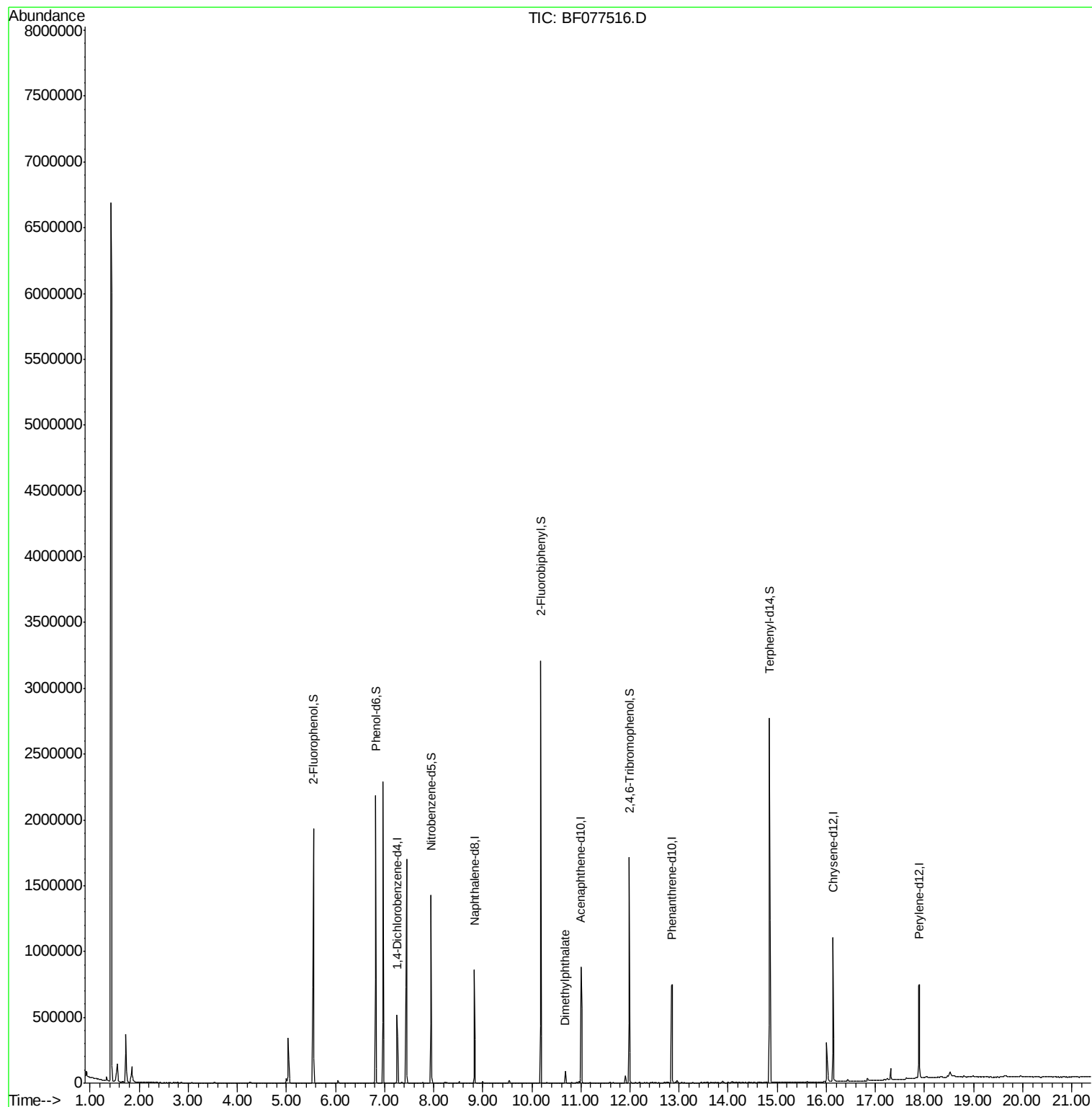
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|-------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.26  | 152  | 102653   | 20.00 | ng    | 0.00         |
| 21) Naphthalene-d8          | 8.83  | 136  | 420409   | 20.00 | ng    | 0.00         |
| 38) Acenaphthene-d10        | 11.01 | 164  | 221909   | 20.00 | ng    | 0.00         |
| 63) Phenanthrene-d10        | 12.85 | 188  | 426126   | 20.00 | ng    | 0.00         |
| 75) Chrysene-d12            | 16.14 | 240  | 434154   | 20.00 | ng    | -0.01        |
| 86) Perylene-d12            | 17.89 | 264  | 417939   | 20.00 | ng    | -0.02        |
| System Monitoring Compounds |       |      |          |       |       |              |
| 5) 2-Fluorophenol           | 5.55  | 112  | 582606   | 94.75 | ng    | 0.00         |
| 7) Phenol-d6                | 6.82  | 99   | 771895   | 97.63 | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 7.95  | 82   | 450270   | 66.60 | ng    | 0.00         |
| 41) 2,4,6-Tribromophenol    | 11.99 | 330  | 195569   | 91.53 | ng    | 0.00         |
| 44) 2-Fluorobiphenyl        | 10.18 | 172  | 941342   | 66.14 | ng    | 0.00         |
| 78) Terphenyl-d14           | 14.85 | 244  | 1079082  | 58.11 | ng    | 0.00         |
| Target Compounds            |       |      |          |       |       |              |
| 49) Dimethylphthalate       | 10.68 | 163  | 35872    | 2.30  | ng    | Qvalue<br>99 |

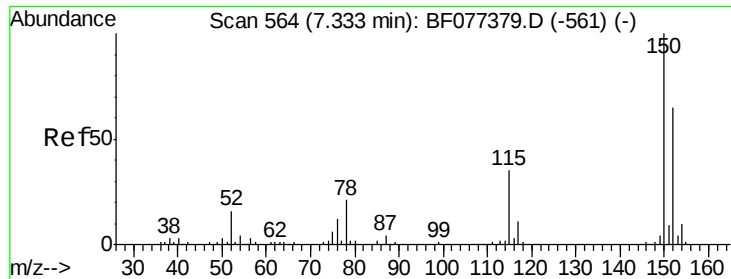
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022715\  
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Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
1121-20

Quant Time: Feb 27 22:42:04 2015  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Feb 27 22:28:54 2015  
Response via : Initial Calibration



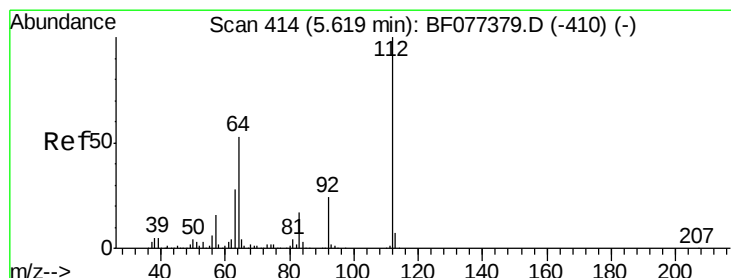
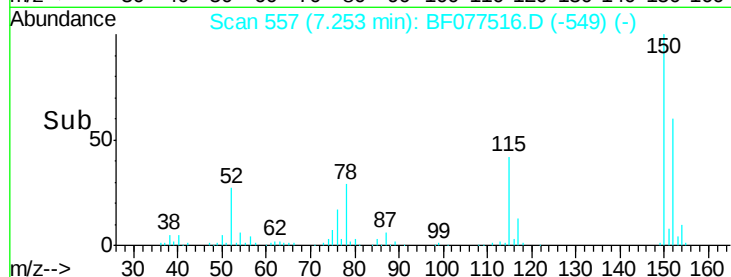
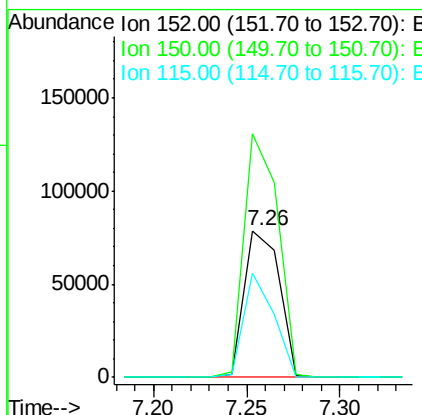
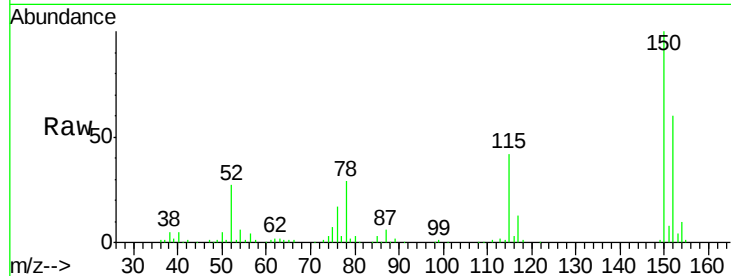


#1

1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.26 min Scan# 557  
Delta R.T. -0.00 min  
Lab File: BF077516.D  
Acq: 27 Feb 2015 20:28

Instrument :  
BNA\_F  
ClientSampleId :  
1121-20

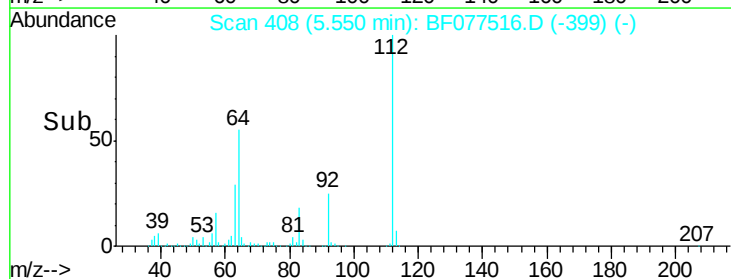
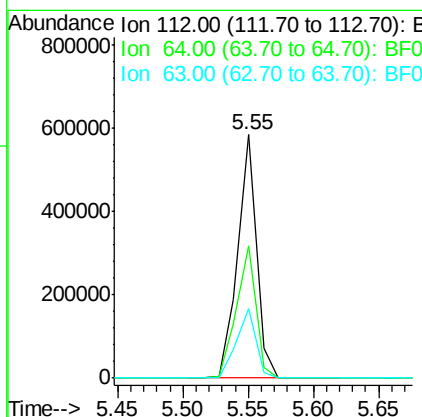
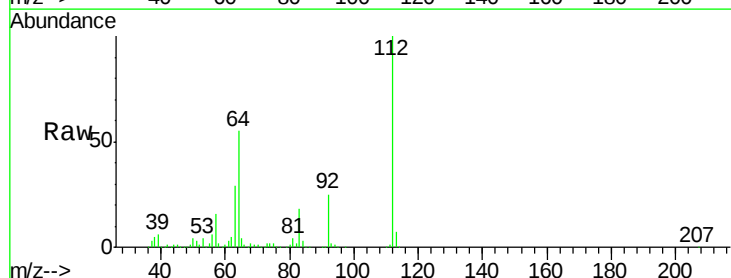
Tot Ion:152 Resp: 102653  
Ion Ratio Lower Upper  
152 100  
150 165.7 124.0 186.0  
115 70.4 49.4 74.2

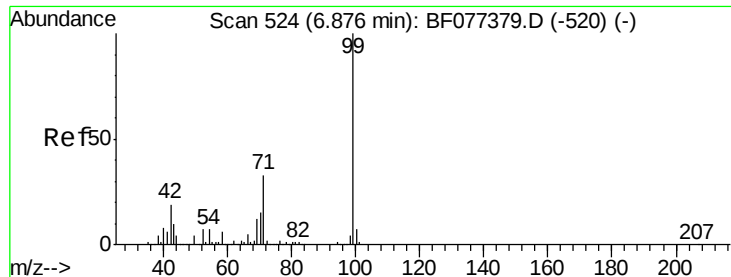


#5

2-Fluorophenol  
Concen: 94.75 ng  
RT: 5.55 min Scan# 408  
Delta R.T. 0.00 min  
Lab File: BF077516.D  
Acq: 27 Feb 2015 20:28

Tgt Ion:112 Resp: 582606  
Ion Ratio Lower Upper  
112 100  
64 54.6 48.5 72.7  
63 28.7 25.0 37.4





#7

Phenol-d6

Concen: 97.63 ng

RT: 6.82 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF077516.D

Acq: 27 Feb 2015 20:28

Instrument :

BNA\_F

ClientSampleId :

1121-20

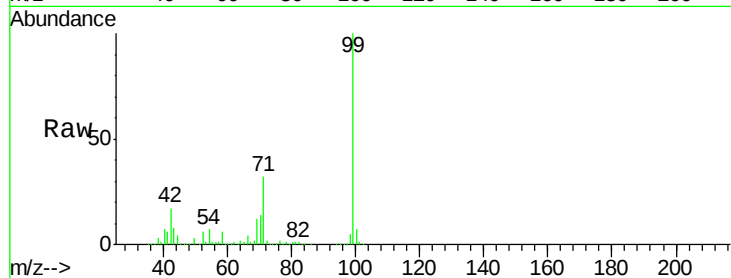
Tot Ion: 99 Resp: 771895

Ion Ratio Lower Upper

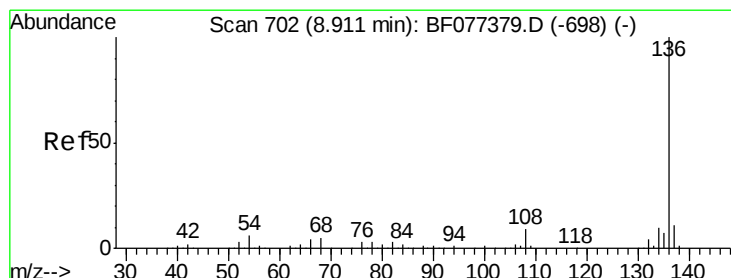
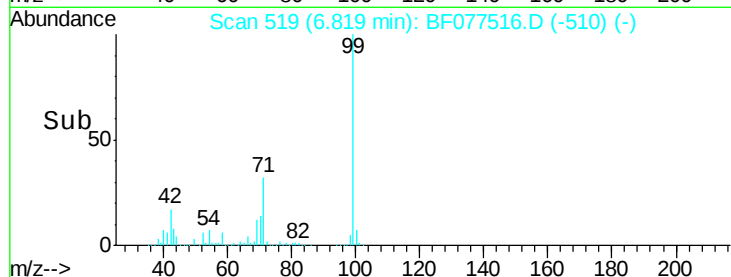
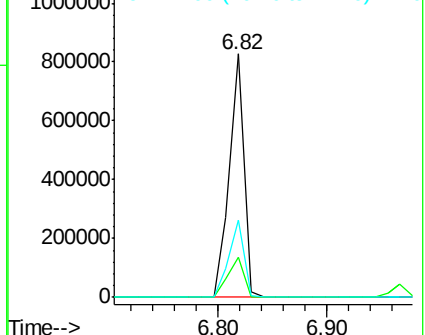
99 100

42 16.7 16.2 24.4

71 31.7 26.7 40.1



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: 8.83 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF077516.D

Acq: 27 Feb 2015 20:28

Tgt Ion: 136 Resp: 420409

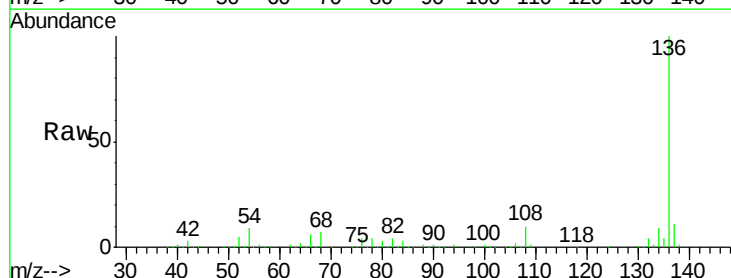
Ion Ratio Lower Upper

136 100

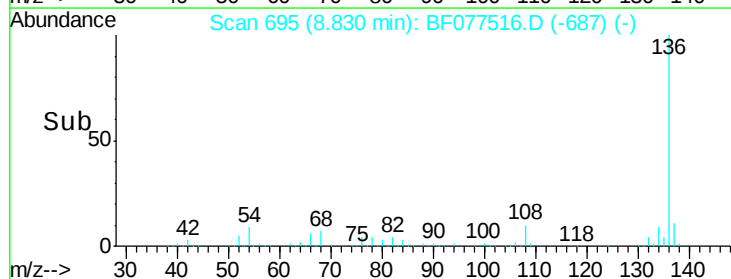
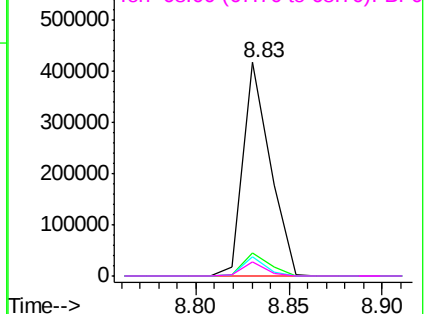
137 11.0 8.6 13.0

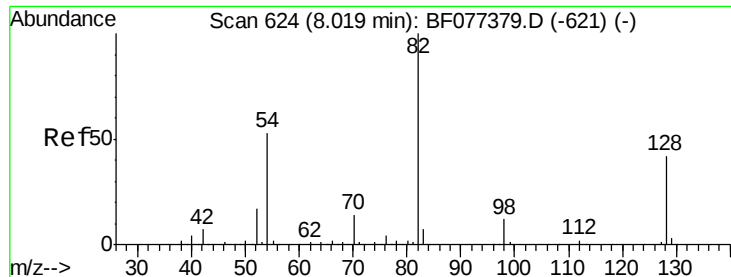
54 8.9 6.2 9.4

68 6.7 5.0 7.6



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

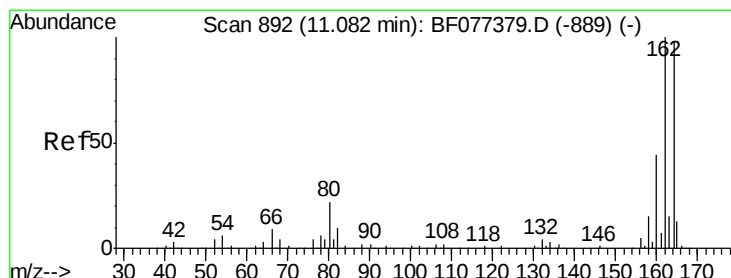
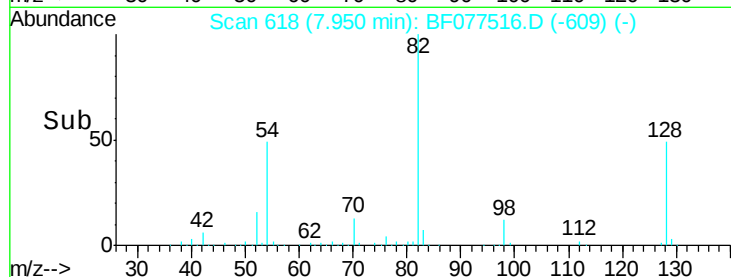
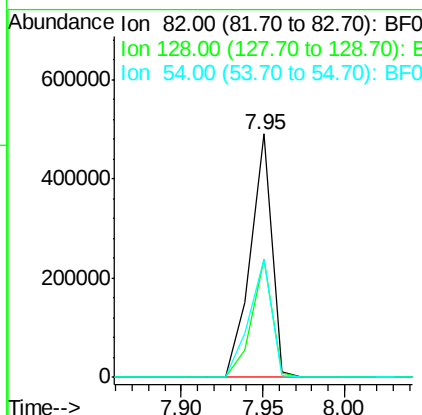
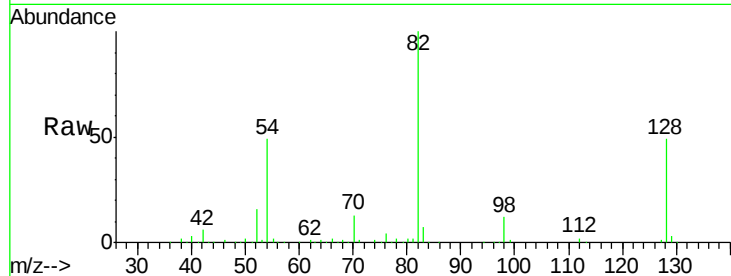




#23  
 Nitrobenzene-d5  
 Concen: 66.60 ng  
 RT: 7.95 min Scan# 618  
 Delta R.T. -0.00 min  
 Lab File: BF077516.D  
 Acq: 27 Feb 2015 20:28

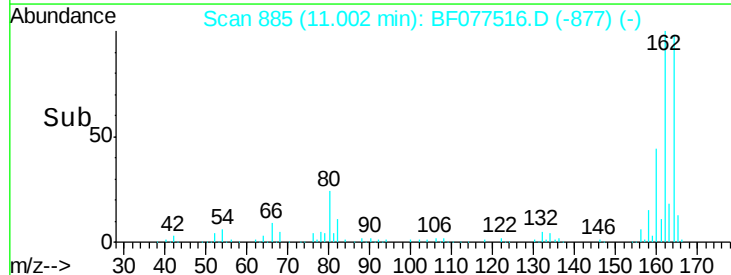
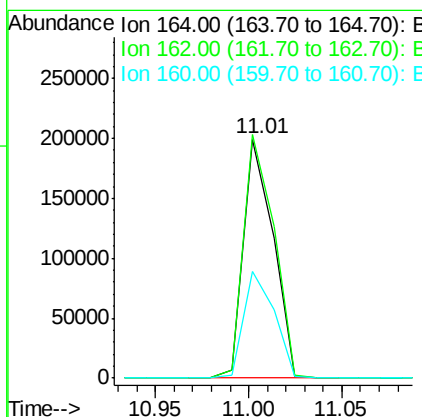
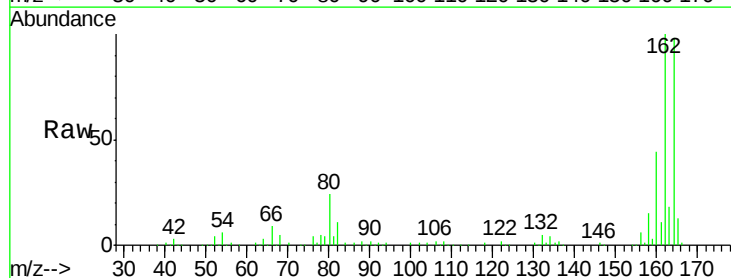
Instrument :  
 BNA\_F  
 ClientSampleId :  
 1121-20

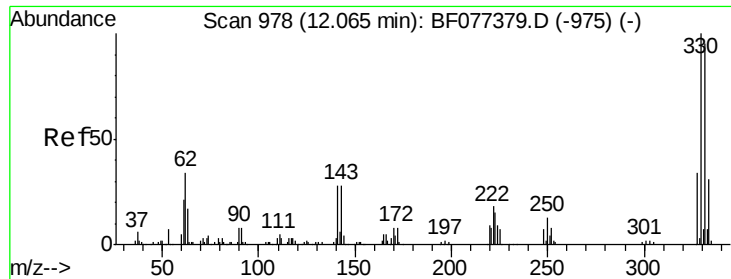
| Tot Ion   | 82    | Resp  | 450270 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 48.6  | 43.8  | 65.8   |
| 54        | 48.7  | 36.7  | 55.1   |



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 11.01 min Scan# 885  
 Delta R.T. -0.00 min  
 Lab File: BF077516.D  
 Acq: 27 Feb 2015 20:28

| Tgt Ion   | 164   | Resp  | 221909 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 102.0 | 83.2  | 124.8  |
| 160       | 44.6  | 34.6  | 52.0   |

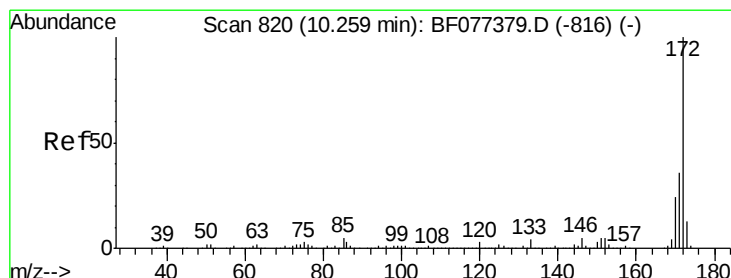
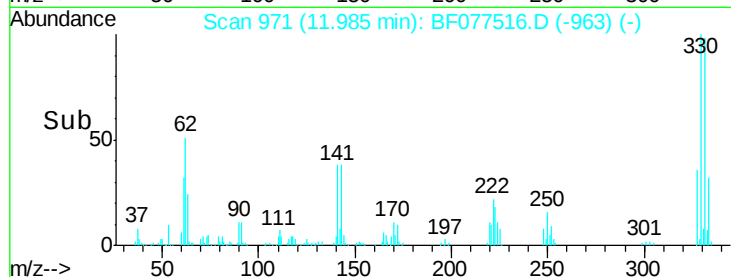
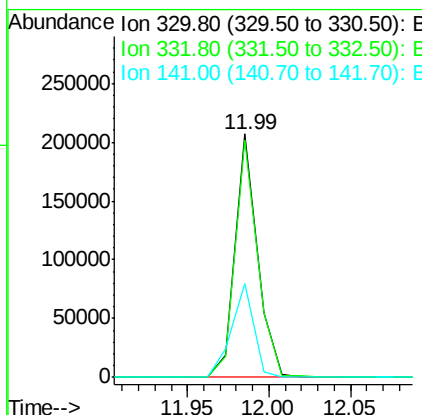
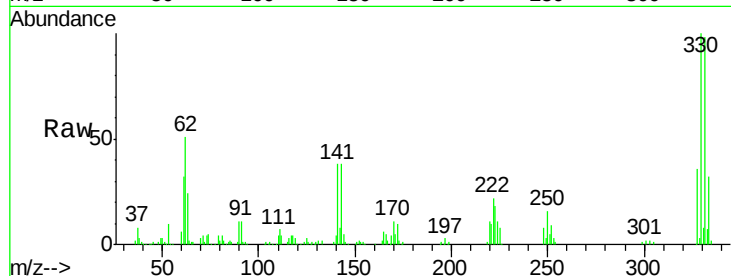




#41  
 2,4,6-Tribromophenol  
 Concen: 91.53 ng  
 RT: 11.99 min Scan# 971  
 Delta R.T. -0.00 min  
 Lab File: BF077516.D  
 Acq: 27 Feb 2015 20:28

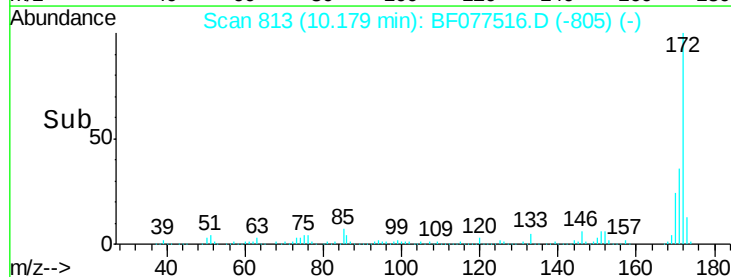
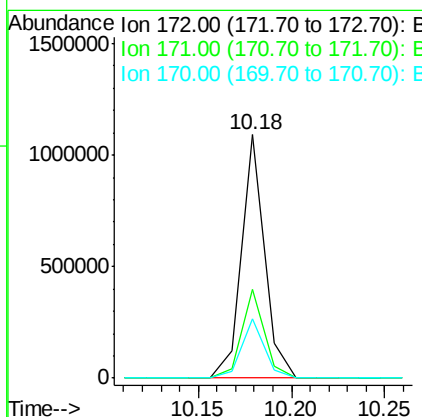
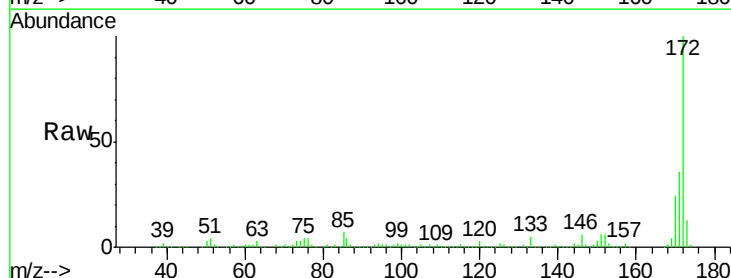
Instrument :  
 BNA\_F  
 ClientSampleId :  
 1121-20

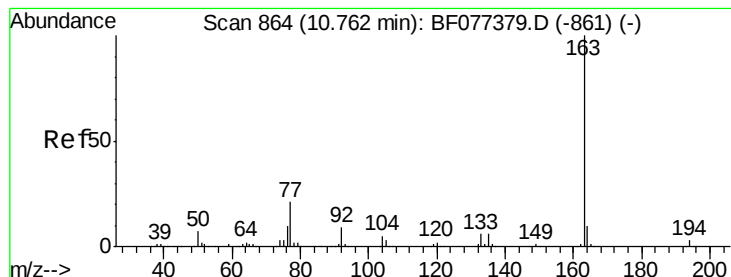
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.4  | 77.4  | 116.2 |
| 141     | 38.8  | 28.8  | 43.2  |



#44  
 2-Fluorobiphenyl  
 Concen: 66.14 ng  
 RT: 10.18 min Scan# 813  
 Delta R.T. -0.00 min  
 Lab File: BF077516.D  
 Acq: 27 Feb 2015 20:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.5  | 28.9  | 43.3  |
| 170     | 24.3  | 19.4  | 29.2  |





#49

Dimethylphthalate

Concen: 2.30 ng

RT: 10.68 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF077516.D

Acq: 27 Feb 2015 20:28

Instrument :

BNA\_F

ClientSampleId :

1121-20

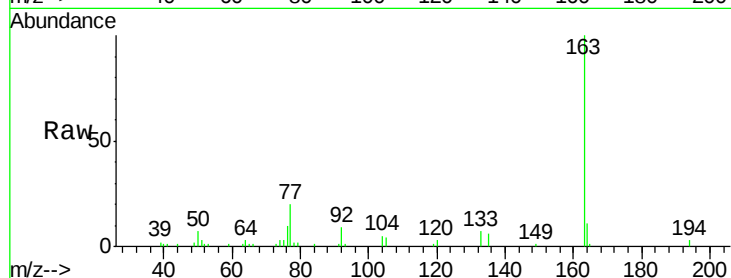
Tot Ion:163 Resp: 35872

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

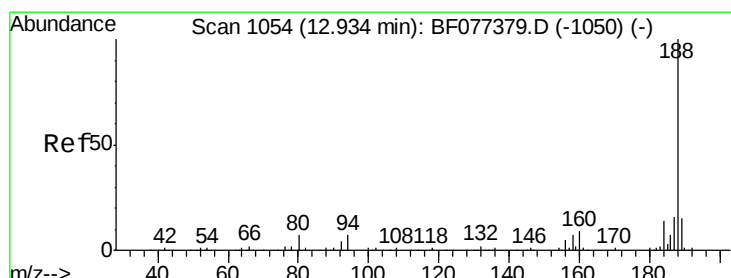
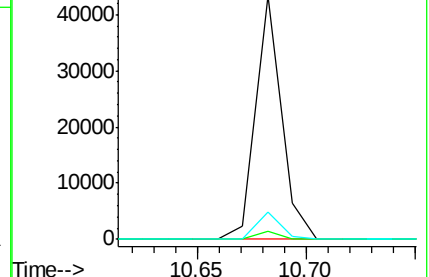
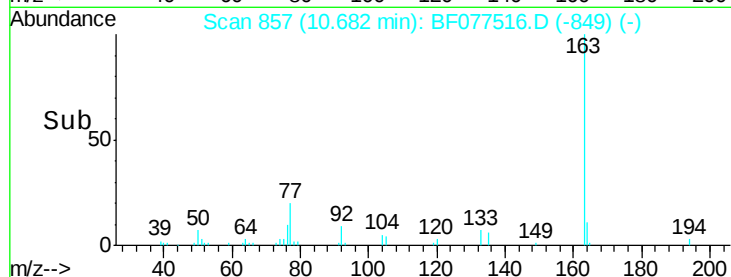
164 11.2 8.6 13.0



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: 20.00 ng

RT: 12.85 min Scan# 1047

Delta R.T. -0.00 min

Lab File: BF077516.D

Acq: 27 Feb 2015 20:28

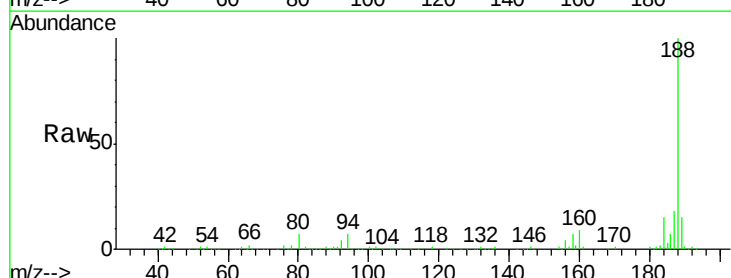
Tgt Ion:188 Resp: 426126

Ion Ratio Lower Upper

188 100

94 6.7 7.4 11.2#

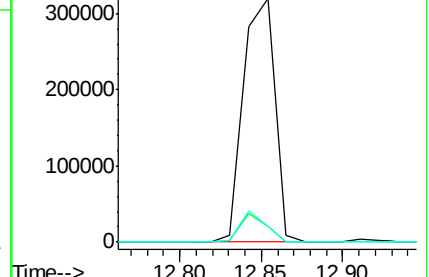
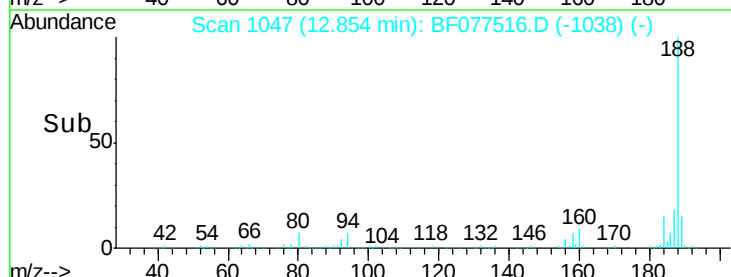
80 6.7 8.0 12.0#

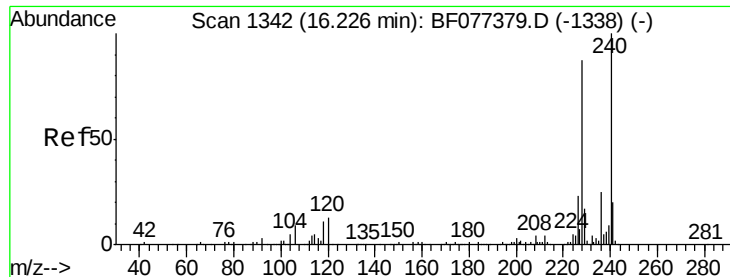


Abundance Ion 188.00 (187.70 to 188.70): E

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: 16.14 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF077516.D

Acq: 27 Feb 2015 20:28

Instrument :

BNA\_F

ClientSampled :

1121-20

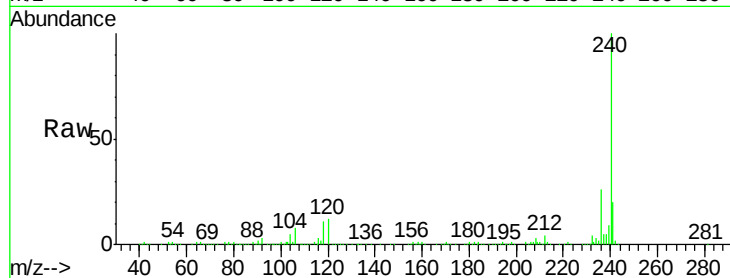
Tot Ion:240 Resp: 434154

Ion Ratio Lower Upper

240 100

120 12.2 8.8 13.2

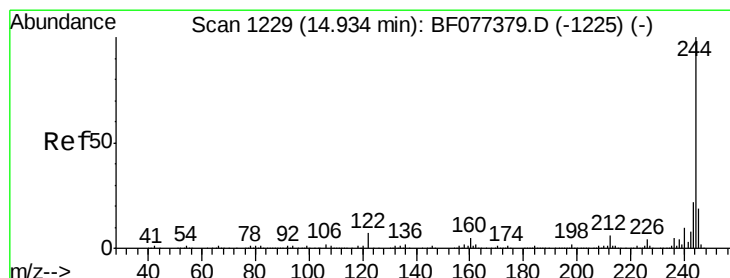
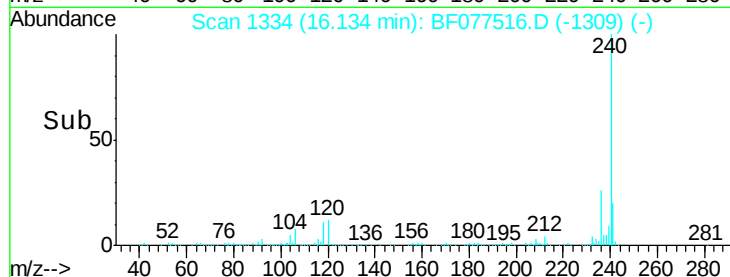
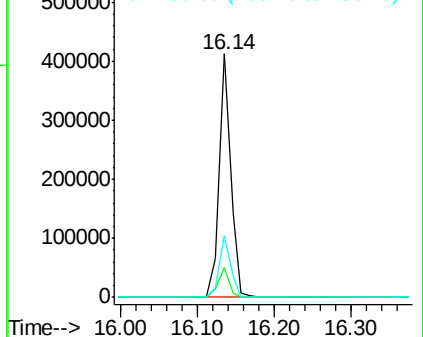
236 25.6 20.7 31.1



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: 58.11 ng

RT: 14.85 min Scan# 1221

Delta R.T. -0.00 min

Lab File: BF077516.D

Acq: 27 Feb 2015 20:28

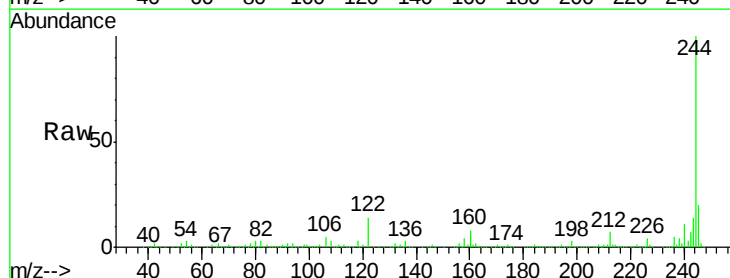
Tgt Ion:244 Resp: 1079082

Ion Ratio Lower Upper

244 100

212 7.0 5.2 7.8

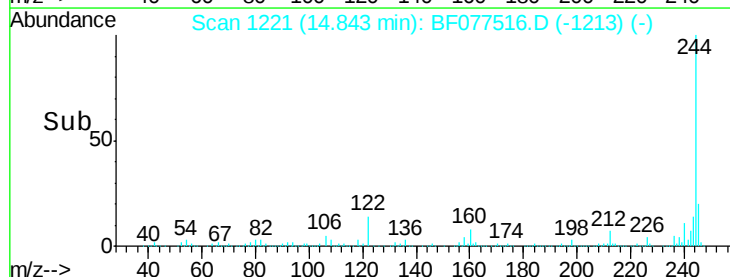
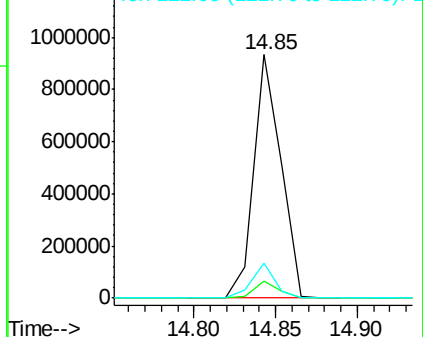
122 14.1 7.8 11.8#

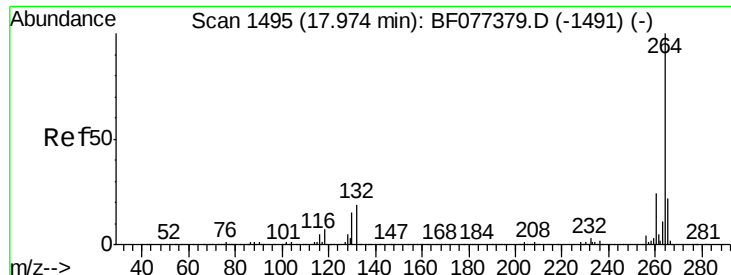


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

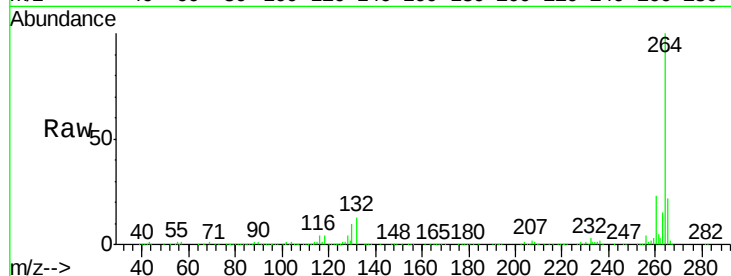




#86  
 Pervlene-d12  
 Concen: 20.00 ng  
 RT: 17.89 min Scan# 1488  
 Delta R.T. -0.02 min  
 Lab File: BF077516.D  
 Acq: 27 Feb 2015 20:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 1121-20

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.3  | 19.3  | 28.9  |
| 265     | 21.7  | 16.8  | 25.2  |



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

