

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040915\  
 Data File : BF078384.D  
 Acq On : 10 Apr 2015 5:25  
 Operator : TP/IZ  
 Sample : G1782-21  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FD04

Quant Time: Apr 10 11:38:47 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 10 01:53:29 2015  
 Response via : Initial Calibration

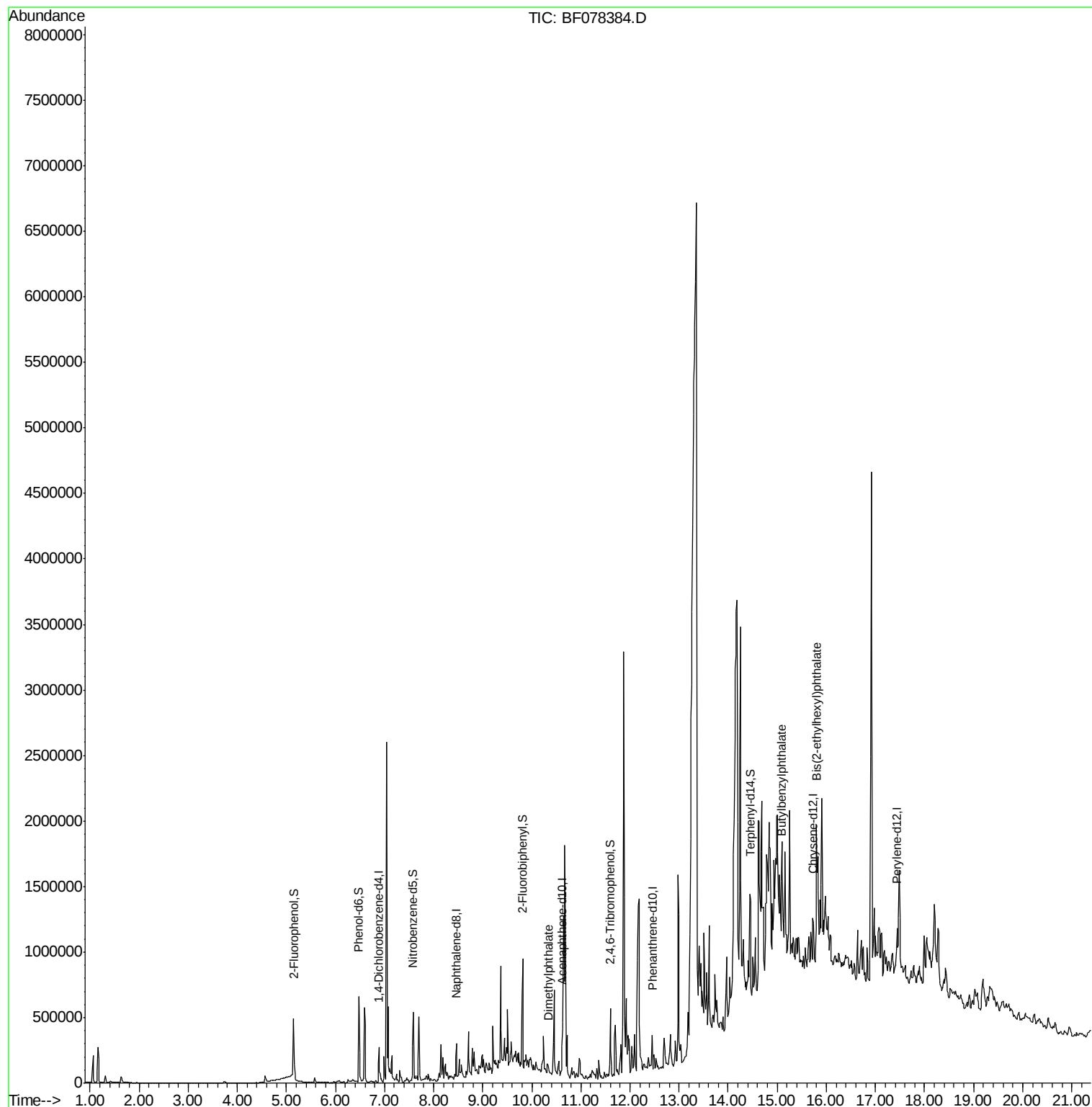
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 6.89  | 152  | 36723    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8             | 8.46  | 136  | 147874   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10           | 10.62 | 164  | 72926    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10           | 12.45 | 188  | 139047   | 20.00 | ng    | 0.01     |
| 75) Chrysene-d12               | 15.72 | 240  | 139878   | 20.00 | ng    | 0.01     |
| 86) Perylene-d12               | 17.44 | 264  | 141016   | 20.00 | ng    | 0.02     |
| System Monitoring Compounds    |       |      |          |       |       |          |
| 5) 2-Fluorophenol              | 5.15  | 112  | 192919   | 86.62 | ng    | 0.01     |
| 7) Phenol-d6                   | 6.48  | 99   | 241577   | 86.55 | ng    | 0.00     |
| 23) Nitrobenzene-d5            | 7.58  | 82   | 152411   | 62.47 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol       | 11.60 | 330  | 58153    | 96.15 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl           | 9.81  | 172  | 301550   | 59.11 | ng    | 0.00     |
| 78) Terphenyl-d14              | 14.45 | 244  | 331328   | 53.52 | ng    | 0.01     |
| Target Compounds               |       |      |          |       |       |          |
| 49) Dimethylphthalate          | 10.33 | 163  | 30784    | 5.62  | ng    | # 97     |
| 79) Butylbenzylphthalate       | 15.08 | 149  | 67798    | 20.26 | ng    | # 82     |
| 83) Bis(2-ethylhexyl)phthalate | 15.80 | 149  | 434270   | 82.73 | ng    | # 96     |

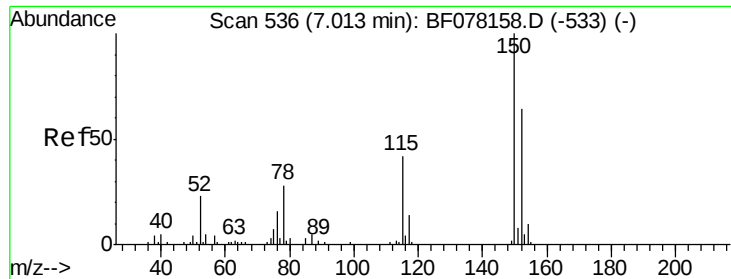
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040915\  
Data File : BF078384.D  
Acq On : 10 Apr 2015 5:25  
Operator : TP/IZ  
Sample : G1782-21  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
FD04

Quant Time: Apr 10 11:38:47 2015  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Apr 10 01:53:29 2015  
Response via : Initial Calibration



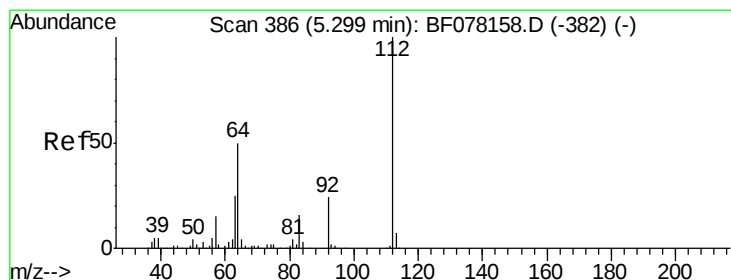
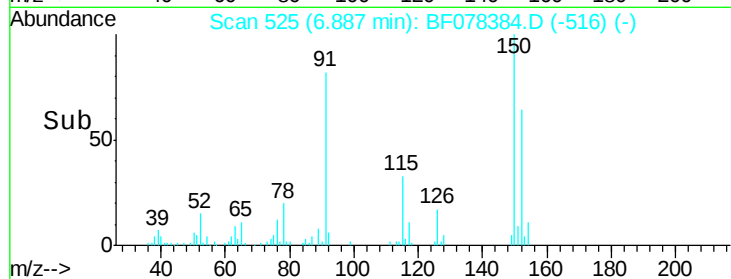
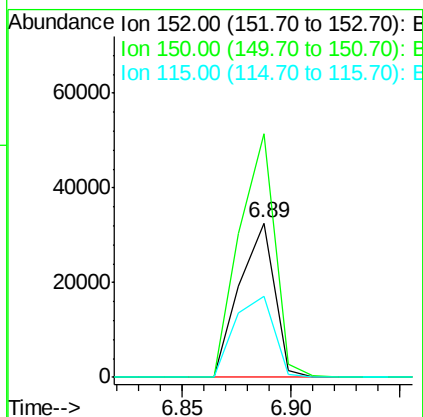
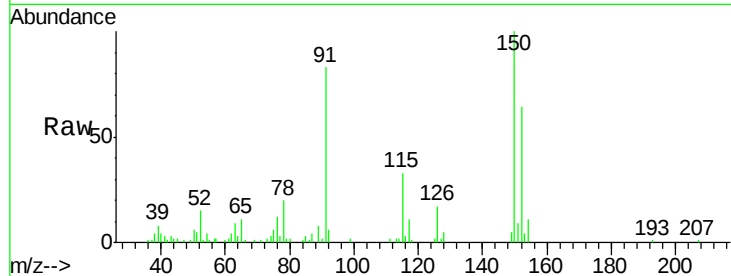


#1

1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.89 min Scan# 525  
Delta R.T. -0.00 min  
Lab File: BF078384.D  
Acq: 10 Apr 2015 5:25

Instrument :  
BNA\_F  
ClientSampleId :  
FD04

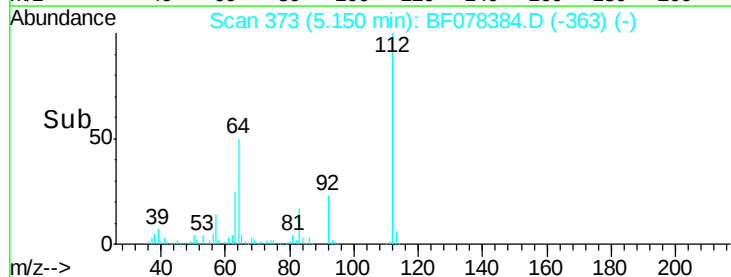
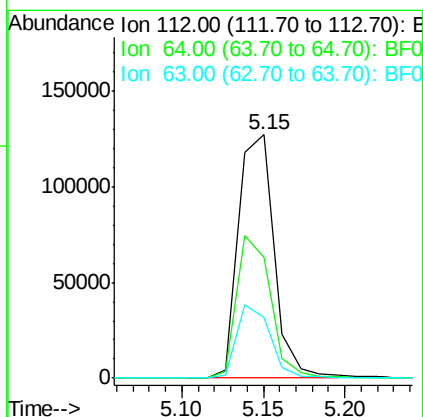
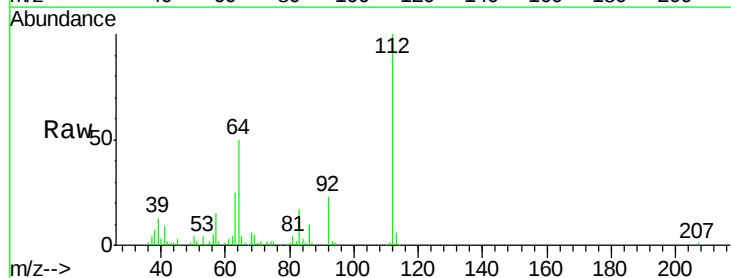
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.5 | 125.9 | 188.9 |
| 115     | 52.7  | 52.7  | 79.1  |

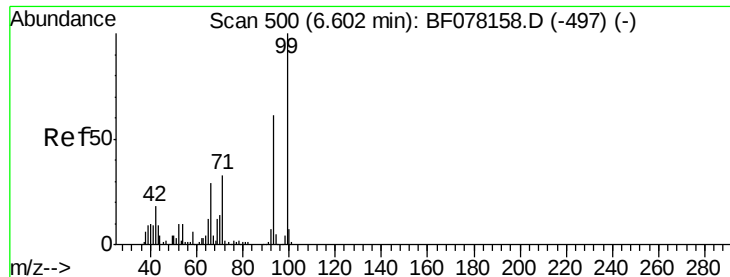


#5

2-Fluorophenol  
Concen: 86.62 ng  
RT: 5.15 min Scan# 373  
Delta R.T. 0.01 min  
Lab File: BF078384.D  
Acq: 10 Apr 2015 5:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 49.6  | 39.9  | 59.9  |
| 63      | 25.1  | 20.2  | 30.4  |





#7

Phenol-d6

Concen: 86.55 ng

RT: 6.48 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF078384.D

Acq: 10 Apr 2015 5:25

Instrument :

BNA\_F

ClientSampleId :

FD04

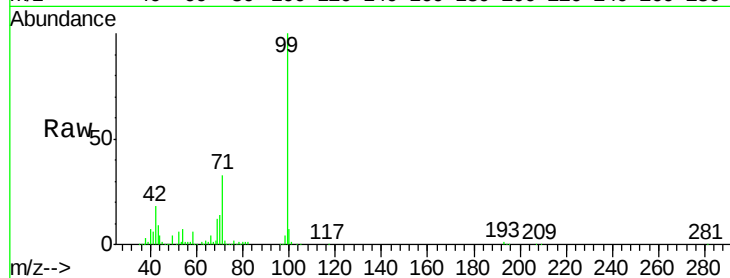
Tot Ion: 99 Resp: 241577

Ion Ratio Lower Upper

99 100

42 18.1 14.8 22.2

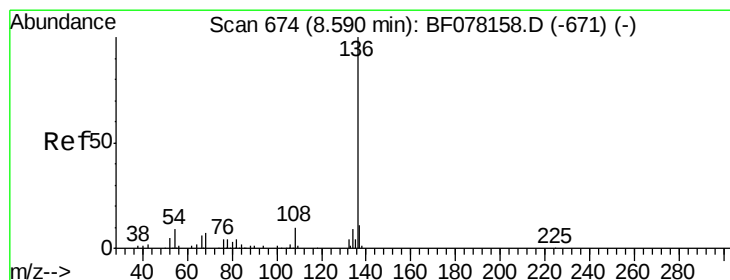
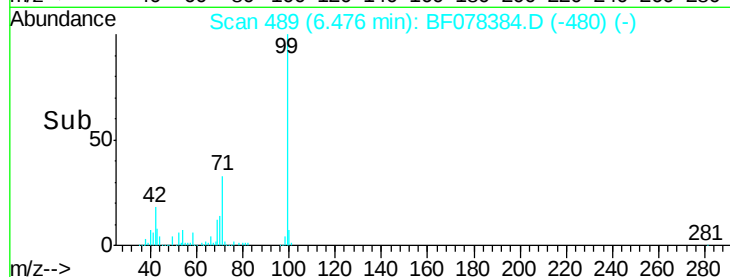
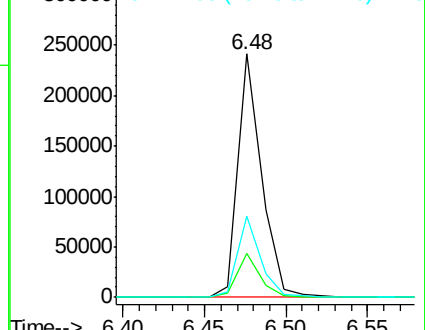
71 33.4 26.6 39.8



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: 8.46 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF078384.D

Acq: 10 Apr 2015 5:25

Tgt Ion: 136 Resp: 147874

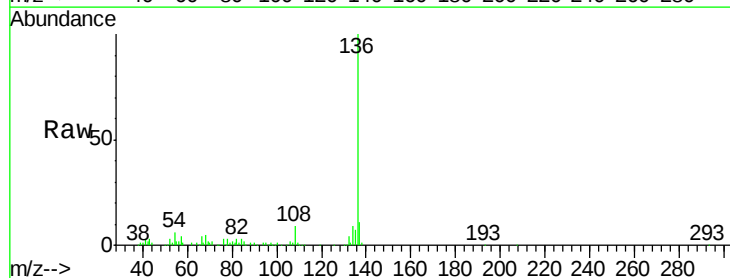
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 6.0 7.0 10.6#

68 5.1 5.4 8.2#

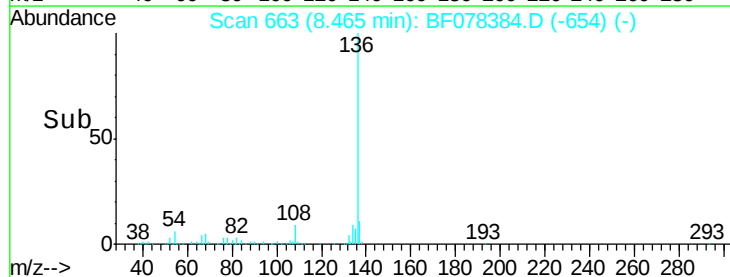
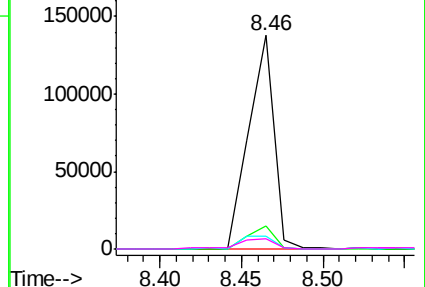


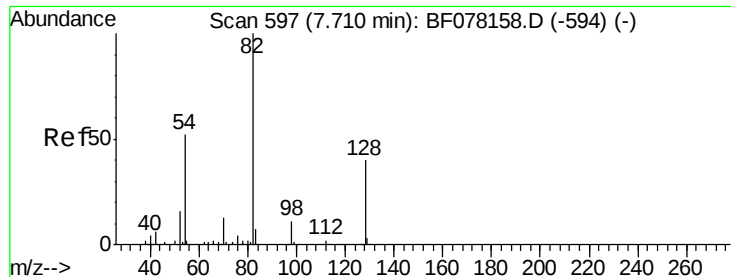
Abundance Ion 136.00 (135.70 to 136.70): E

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

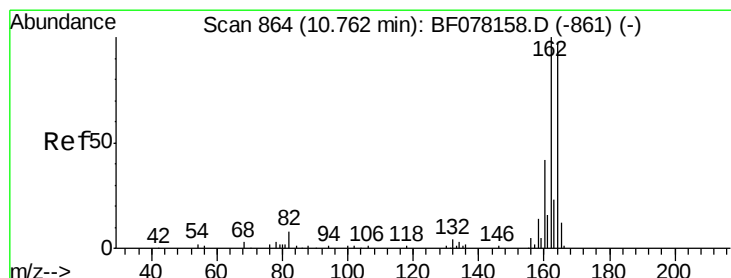
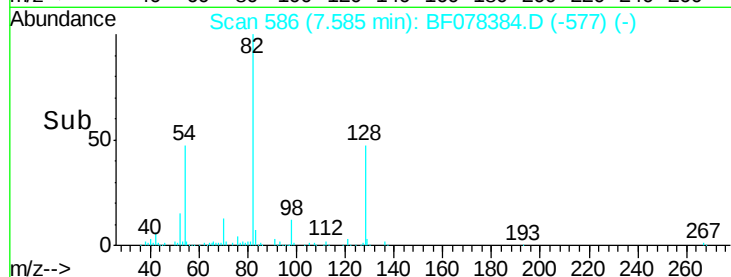
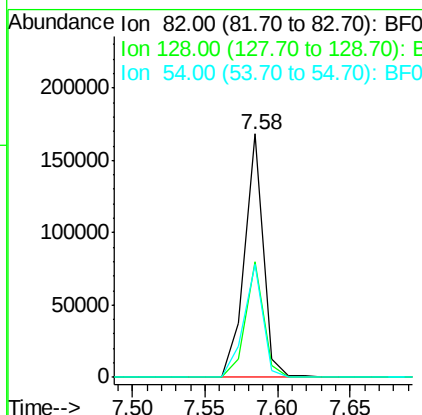
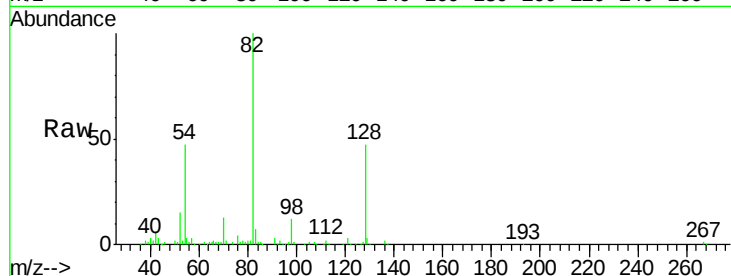




#23  
 Nitrobenzene-d5  
 Concen: 62.47 ng  
 RT: 7.58 min Scan# 586  
 Delta R.T. -0.00 min  
 Lab File: BF078384.D  
 Acq: 10 Apr 2015 5:25

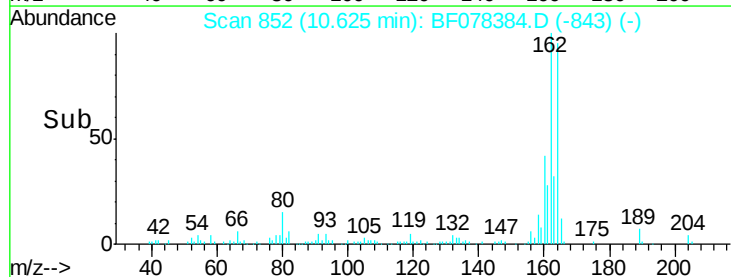
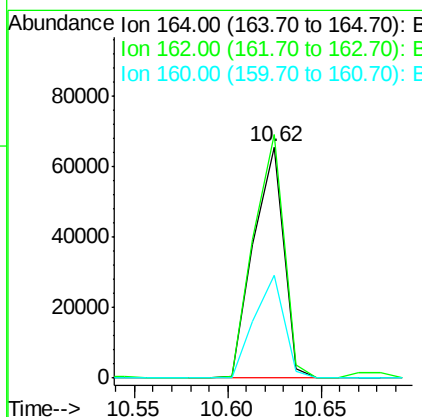
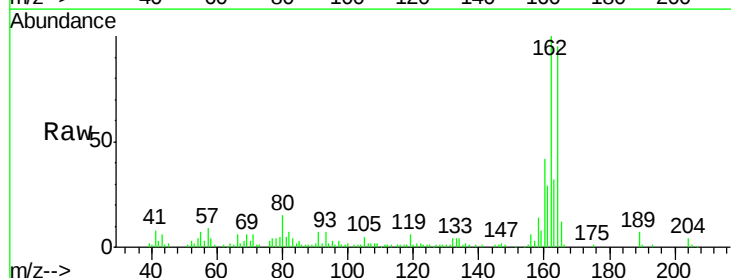
Instrument :  
 BNA\_F  
 ClientSampled :  
 FD04

| Tot Ion   | 82    | Resp  | 152411 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 47.2  | 31.8  | 47.8   |
| 54        | 46.7  | 41.5  | 62.3   |



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 10.62 min Scan# 852  
 Delta R.T. -0.00 min  
 Lab File: BF078384.D  
 Acq: 10 Apr 2015 5:25

| Tgt Ion   | 164   | Resp  | 72926 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 162       | 105.2 | 82.2  | 123.2 |
| 160       | 44.5  | 34.7  | 52.1  |

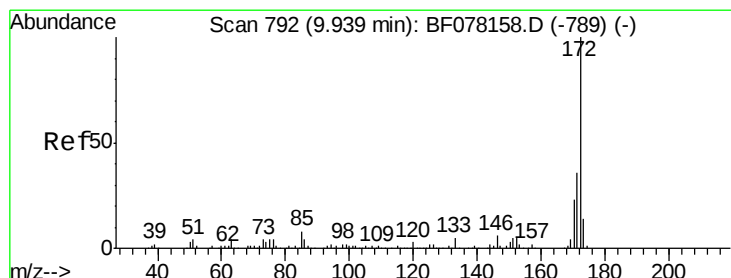
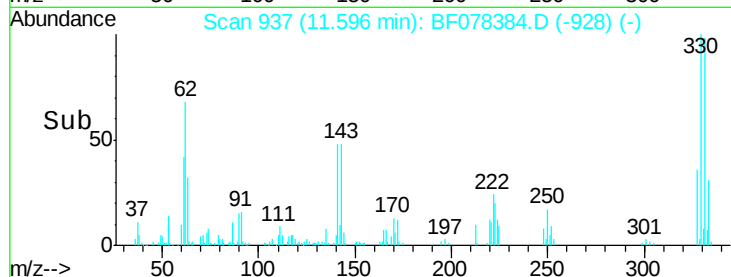
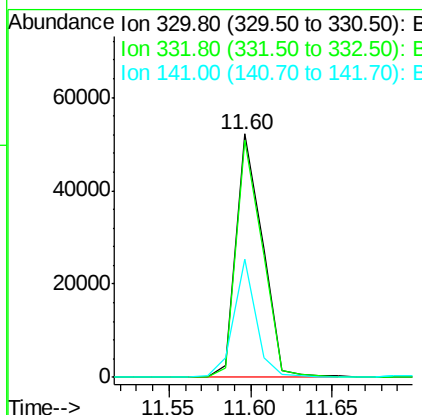
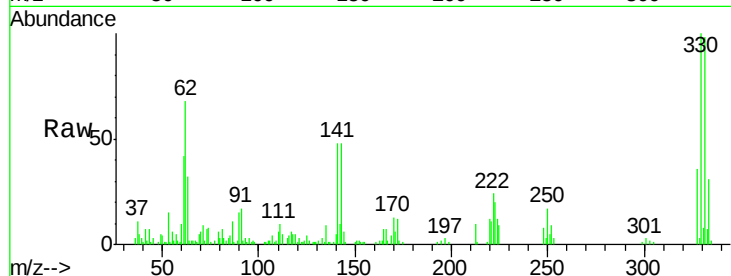




#41  
 2,4,6-Tribromophenol  
 Concen: 96.15 ng  
 RT: 11.60 min Scan# 937  
 Delta R.T. -0.00 min  
 Lab File: BF078384.D  
 Acq: 10 Apr 2015 5:25

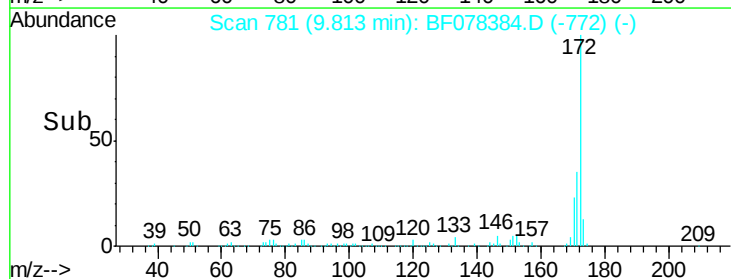
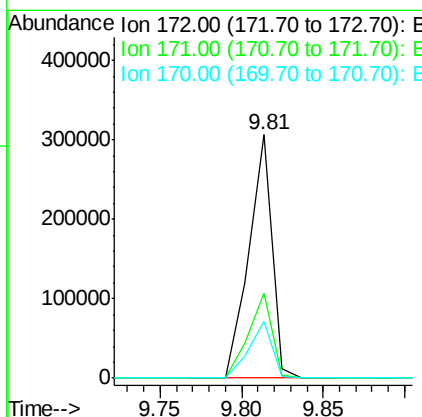
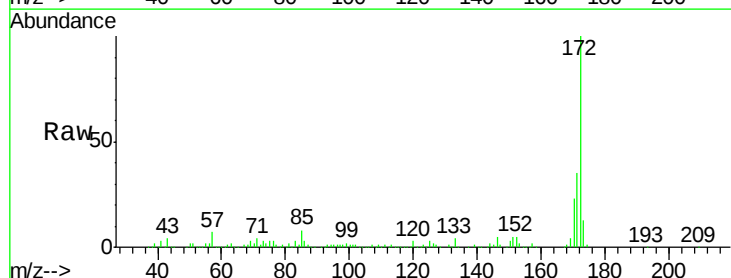
Instrument :  
 BNA\_F  
 ClientSampleId :  
 FD04

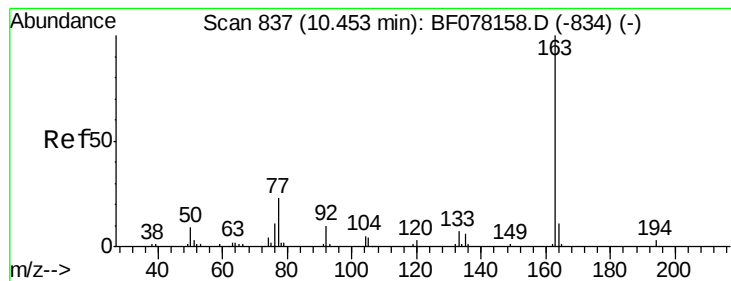
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.4  | 78.6  | 117.8 |
| 141     | 41.1  | 31.2  | 46.8  |



#44  
 2-Fluorobiphenyl  
 Concen: 59.11 ng  
 RT: 9.81 min Scan# 781  
 Delta R.T. -0.00 min  
 Lab File: BF078384.D  
 Acq: 10 Apr 2015 5:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.0  | 28.6  | 42.8  |
| 170     | 23.4  | 18.5  | 27.7  |





#49

Dimethylphthalate

Concen: 5.62 ng

RT: 10.33 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF078384.D

Acq: 10 Apr 2015 5:25

Instrument :

BNA\_F

ClientSampleId :

FD04

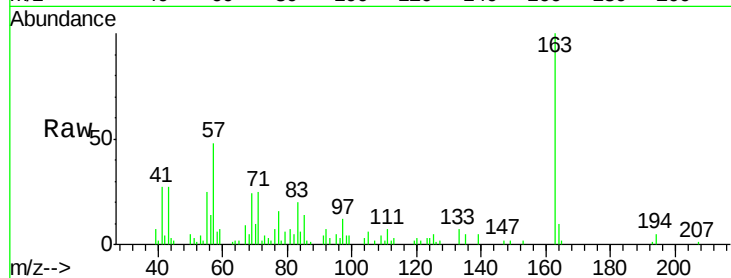
Tot Ion:163 Resp: 30784

Ion Ratio Lower Upper

163 100

194 4.5 2.3 3.5#

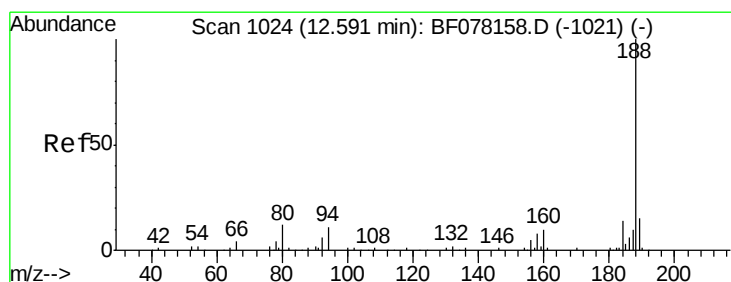
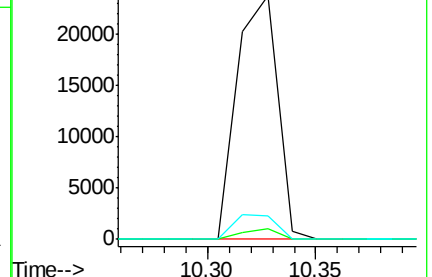
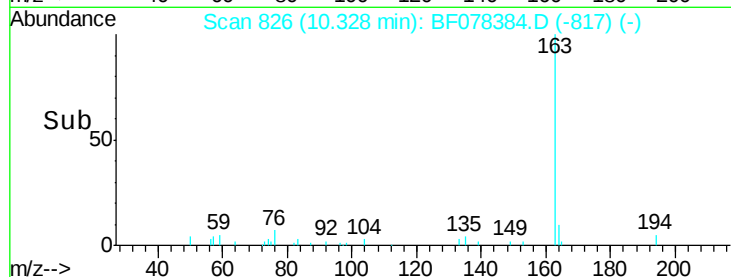
164 9.8 8.6 13.0



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: 12.45 min Scan# 1012

Delta R.T. 0.01 min

Lab File: BF078384.D

Acq: 10 Apr 2015 5:25

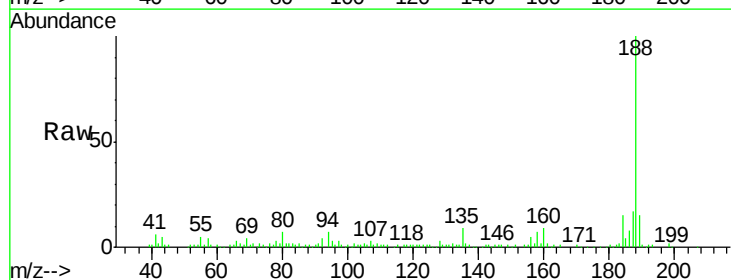
Tgt Ion:188 Resp: 139047

Ion Ratio Lower Upper

188 100

94 6.9 9.0 13.4#

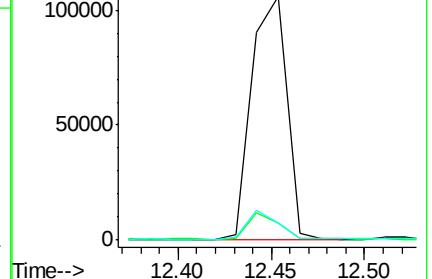
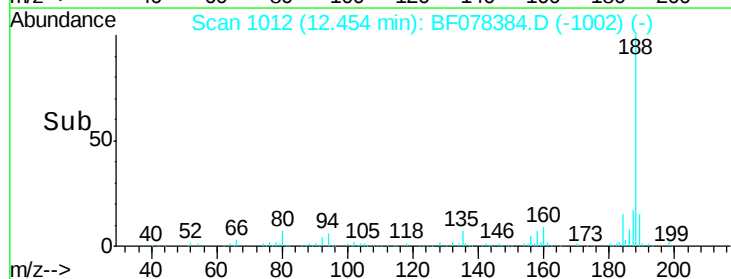
80 7.0 9.5 14.3#

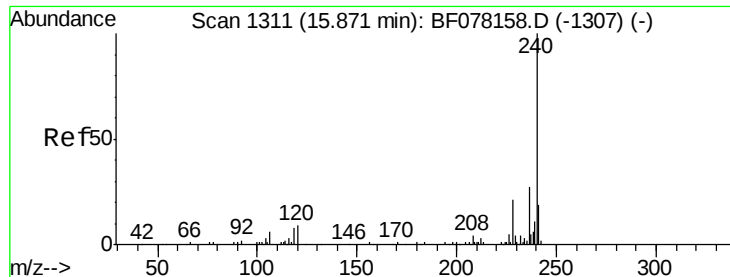


Abundance Ion 188.00 (187.70 to 188.70): E

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: 15.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF078384.D

Acq: 10 Apr 2015 5:25

Instrument :

BNA\_F

ClientSampled :

FD04

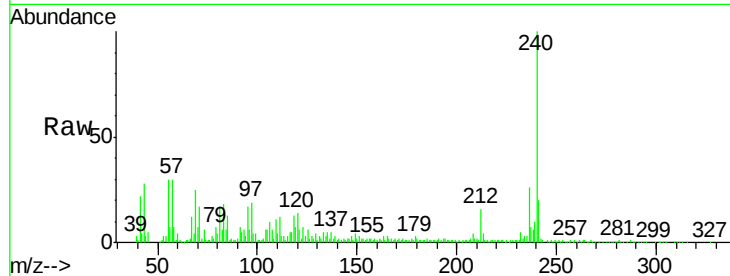
Tot Ion:240 Resp: 139878

Ion Ratio Lower Upper

240 100

120 14.2 7.1 10.7#

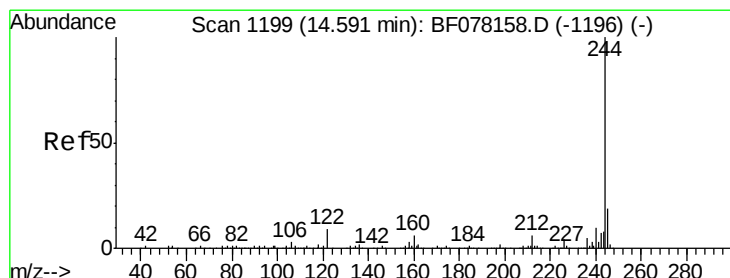
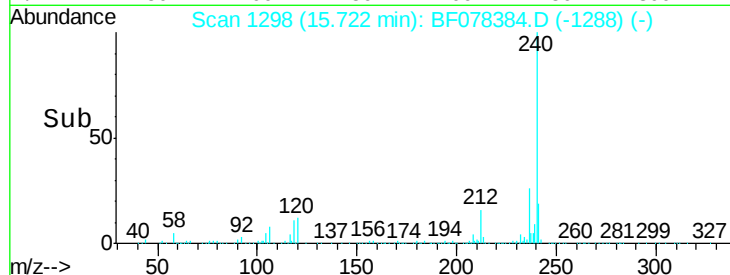
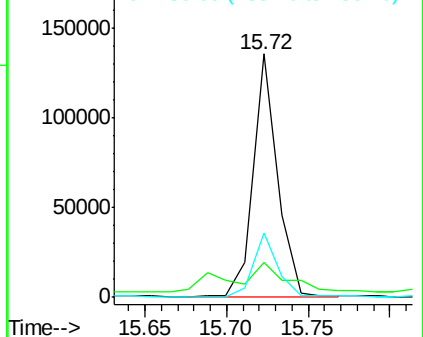
236 26.4 21.4 32.2



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: 53.52 ng

RT: 14.45 min Scan# 1187

Delta R.T. 0.01 min

Lab File: BF078384.D

Acq: 10 Apr 2015 5:25

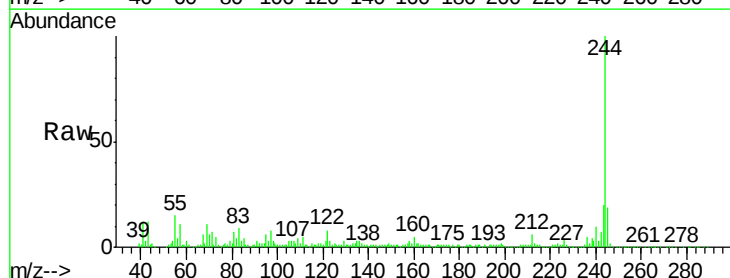
Tgt Ion:244 Resp: 331328

Ion Ratio Lower Upper

244 100

212 6.0 5.0 7.4

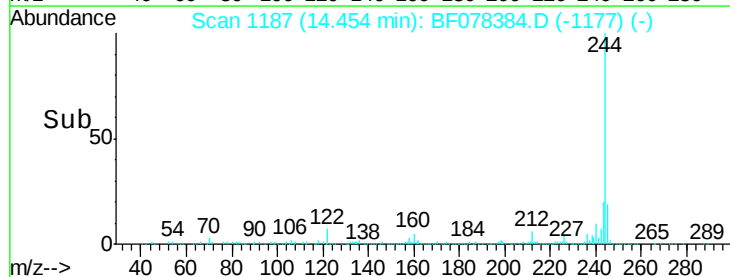
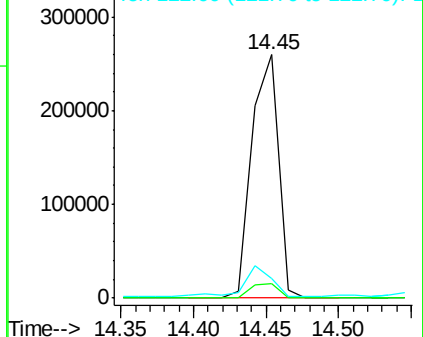
122 8.2 7.1 10.7

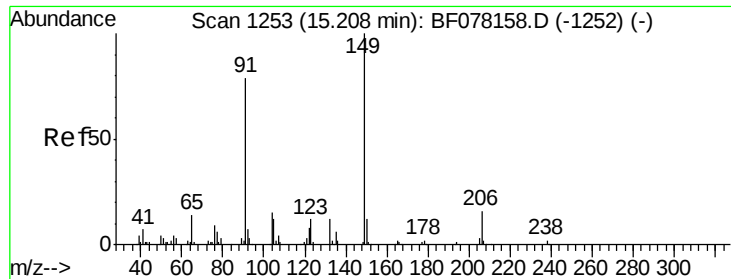


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

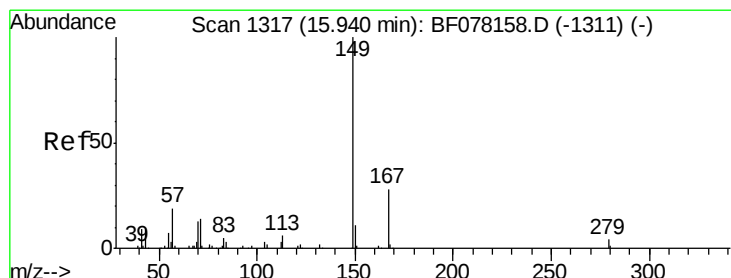
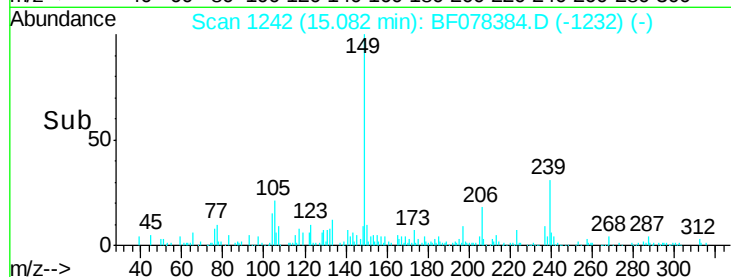
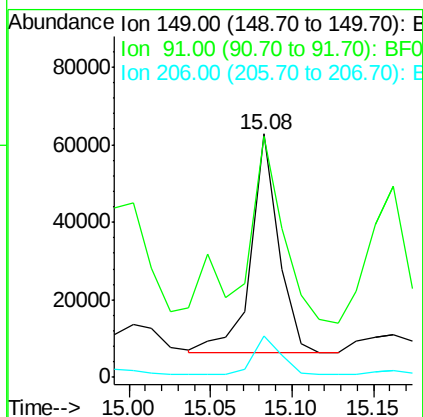
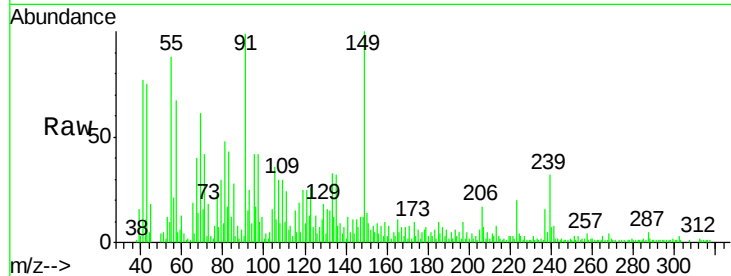




#79  
 Butylbenzylphthalate  
 Concen: 20.26 ng  
 RT: 15.08 min Scan# 1242  
 Delta R.T. 0.01 min  
 Lab File: BF078384.D  
 Acq: 10 Apr 2015 5:25

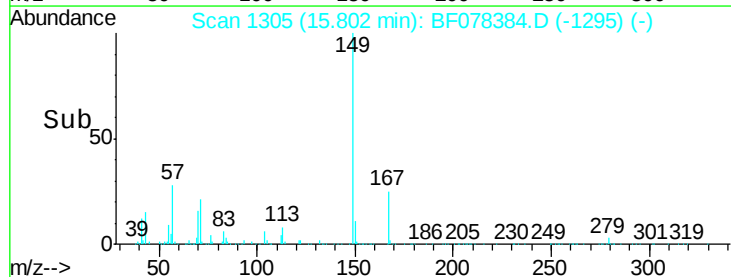
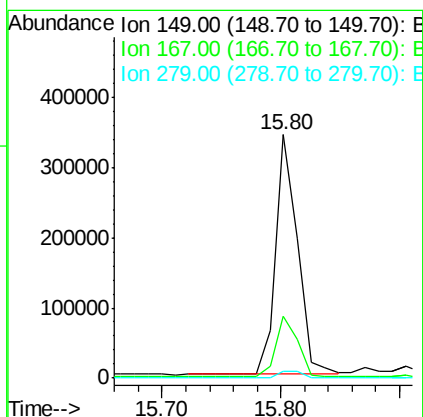
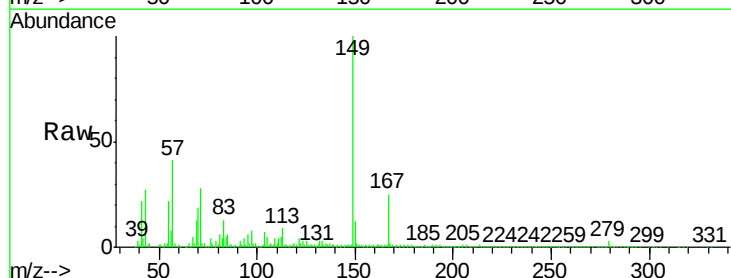
Instrument :  
 BNA\_F  
 ClientSampleID :  
 FD04

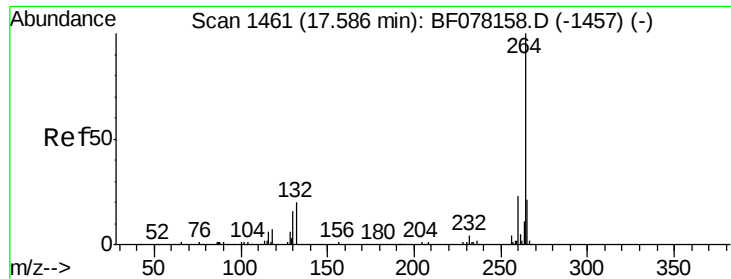
Tot Ion:149 Resp: 67798  
 Ion Ratio Lower Upper  
 149 100  
 91 99.0 64.2 96.2#  
 206 17.1 12.6 18.8



#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 82.73 ng  
 RT: 15.80 min Scan# 1305  
 Delta R.T. 0.01 min  
 Lab File: BF078384.D  
 Acq: 10 Apr 2015 5:25

Tgt Ion:149 Resp: 434270  
 Ion Ratio Lower Upper  
 149 100  
 167 25.5 22.2 33.2  
 279 2.6 3.2 4.8#





#86  
Pervlene-d12  
Concen: 20.00 ng  
RT: 17.44 min Scan# 1448  
Delta R.T. 0.02 min  
Lab File: BF078384.D  
Acq: 10 Apr 2015 5:25

Instrument :  
BNA\_F  
ClientSampleId :  
FD04

| Tot Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 141016  | 264 | 100   |       |       |
|         | 260 | 23.6  | 18.6  | 27.8  |
|         | 265 | 22.3  | 17.0  | 25.6  |

