

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\  
 Data File : BF078605.D  
 Acq On : 17 Apr 2015 15:08  
 Operator : TP/IZ  
 Sample : G1860-06  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RINSATEBLANK

Quant Time: Apr 17 23:42:10 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 17 23:28:12 2015  
 Response via : Initial Calibration

| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4   | 6.67  | 152  | 37507    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.25  | 136  | 155217   | 20.00  | ng    | 0.00     |
| 38) Acenaphthene-d10        | 10.40 | 164  | 79410    | 20.00  | ng    | -0.01    |
| 63) Phenanthrene-d10        | 12.22 | 188  | 161779   | 20.00  | ng    | 0.00     |
| 75) Chrysene-d12            | 15.46 | 240  | 188487   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 17.12 | 264  | 185152   | 20.00  | ng    | -0.03    |
| System Monitoring Compounds |       |      |          |        |       |          |
| 5) 2-Fluorophenol           | 4.90  | 112  | 133727   | 58.79  | ng    | 0.00     |
| 7) Phenol-d6                | 6.28  | 99   | 102787   | 36.05  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.38  | 82   | 246925   | 96.43  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 11.38 | 330  | 109773   | 166.68 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.60  | 172  | 484607   | 87.23  | ng    | 0.00     |
| 78) Terphenyl-d14           | 14.21 | 244  | 676889   | 81.15  | ng    | 0.00     |

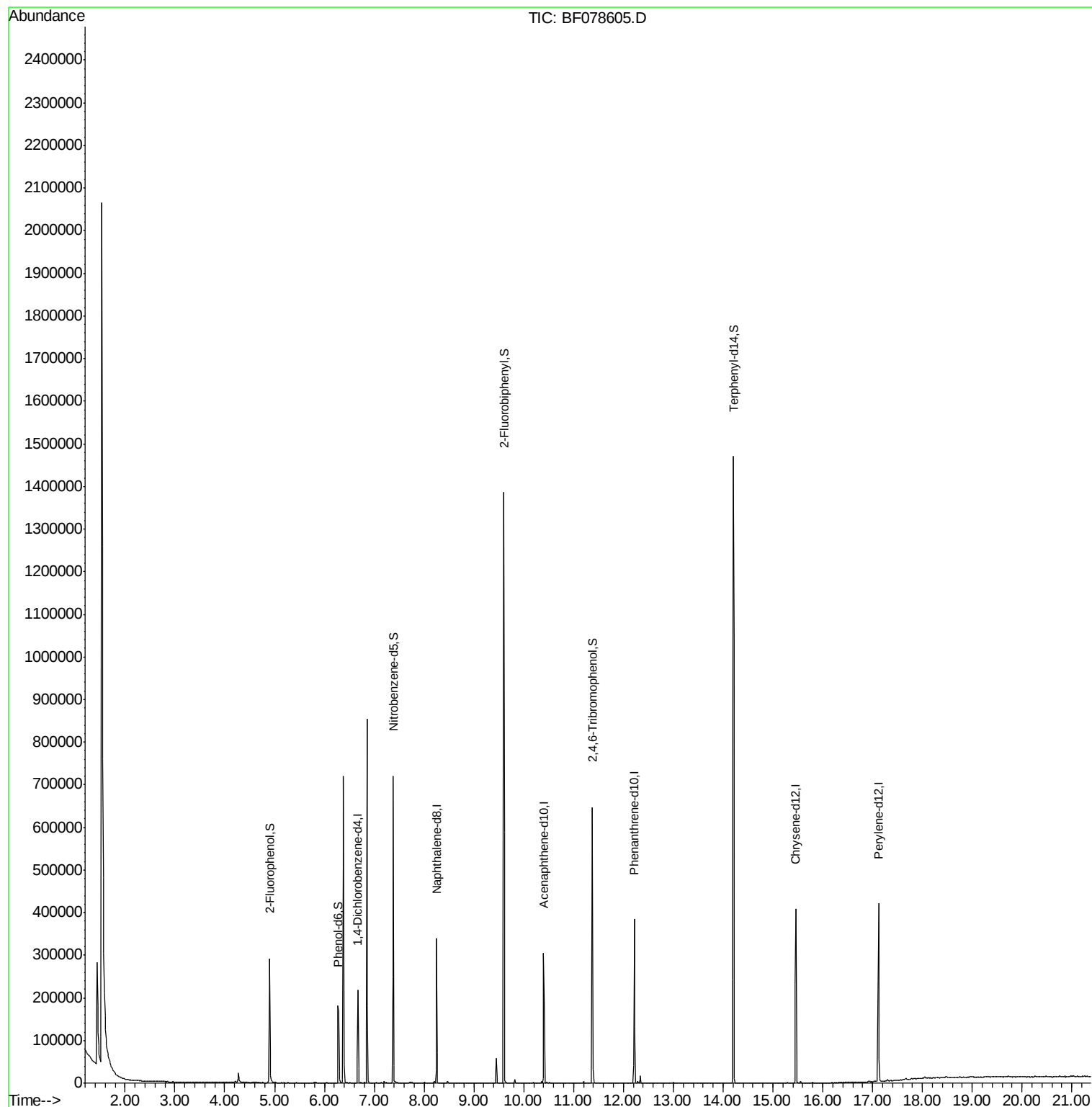
Target Compounds Qvalue

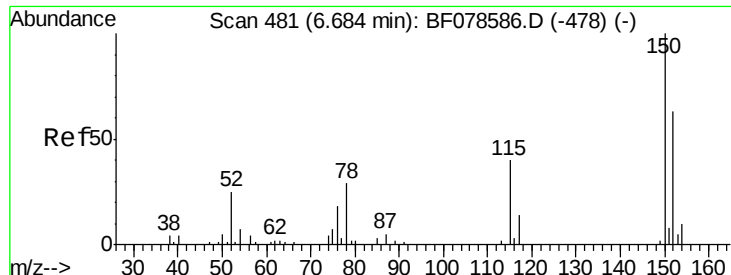
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M  
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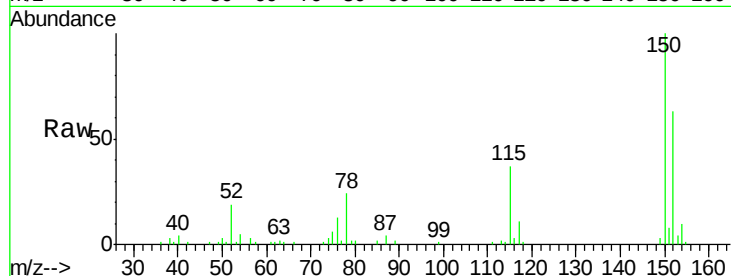


#1

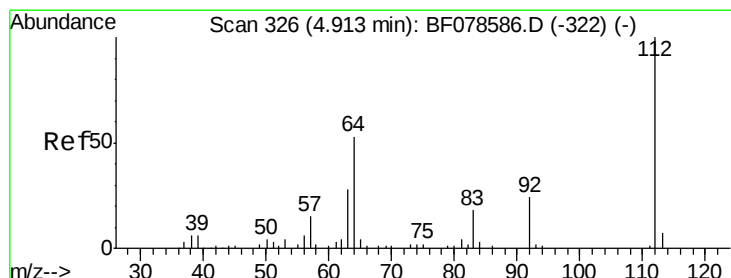
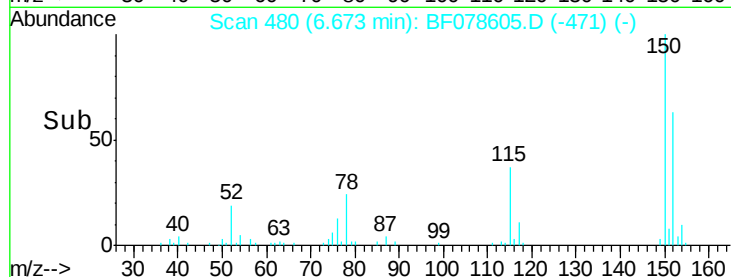
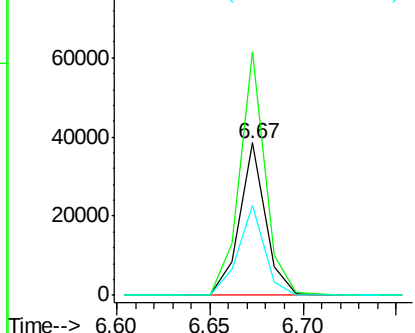
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.67 min Scan# 480  
Delta R.T. -0.00 min  
Lab File: BF078605.D  
Acq: 17 Apr 2015 15:08

Instrument :  
BNA\_F  
ClientSampleId :  
RINSATEBLANK

Tot Ion:152 Resp: 37507  
Ion Ratio Lower Upper  
152 100  
150 159.8 125.9 188.9  
115 58.7 52.7 79.1



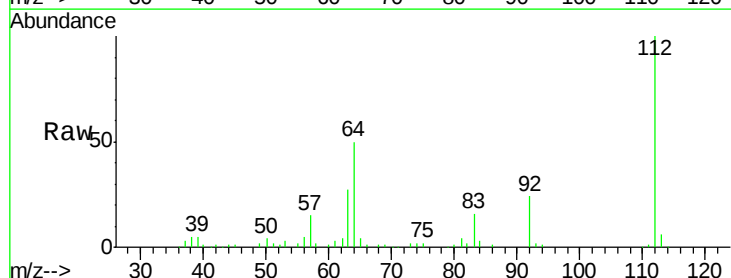
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



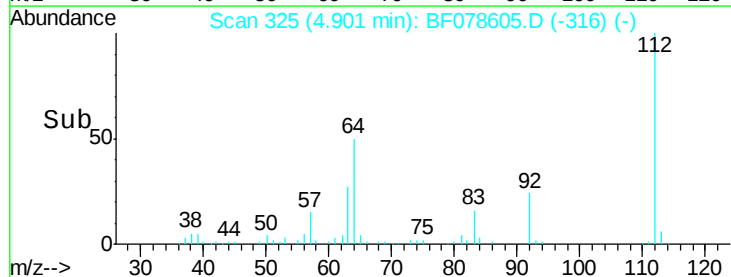
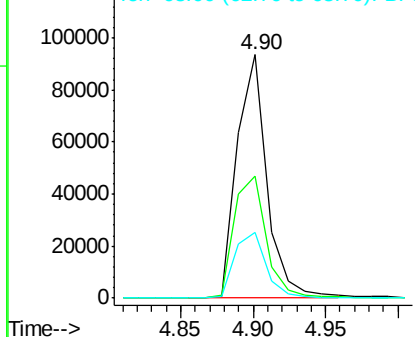
#5

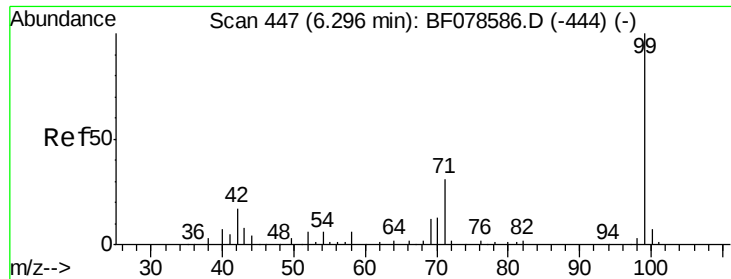
2-Fluorophenol  
Concen: 58.79 ng  
RT: 4.90 min Scan# 325  
Delta R.T. -0.00 min  
Lab File: BF078605.D  
Acq: 17 Apr 2015 15:08

Tgt Ion:112 Resp: 133727  
Ion Ratio Lower Upper  
112 100  
64 50.4 39.9 59.9  
63 26.9 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: 36.05 ng

RT: 6.28 min Scan# 446

Delta R.T. -0.00 min

Lab File: BF078605.D

Acq: 17 Apr 2015 15:08

Instrument :

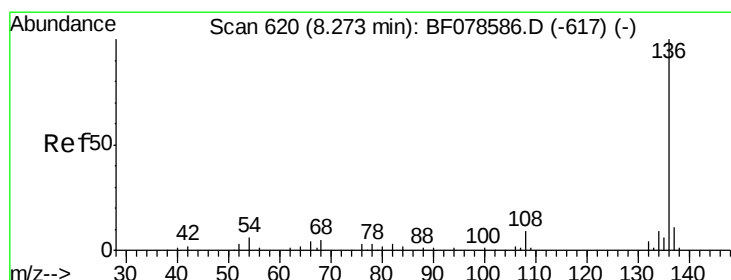
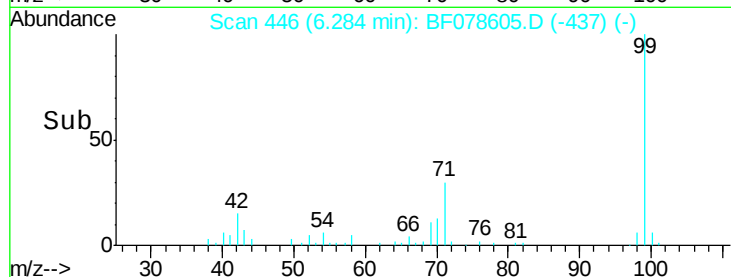
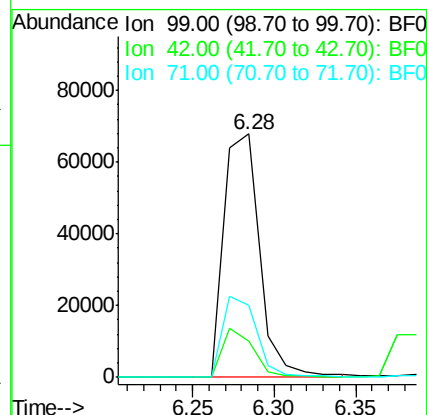
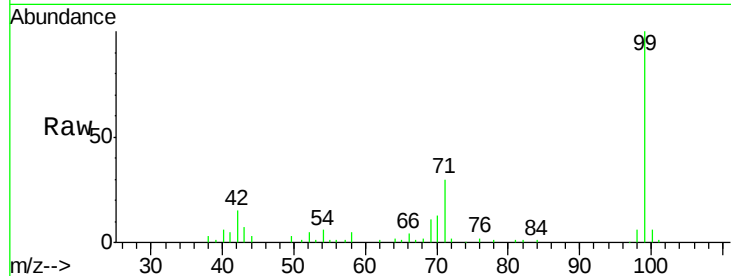
BNA\_F

ClientSampleId :

RINSATEBLANK

Tot Ion: 99 Resp: 102787

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 14.7  | 14.8  | 22.2# |
| 71  | 29.6  | 26.6  | 39.8  |



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.25 min Scan# 618

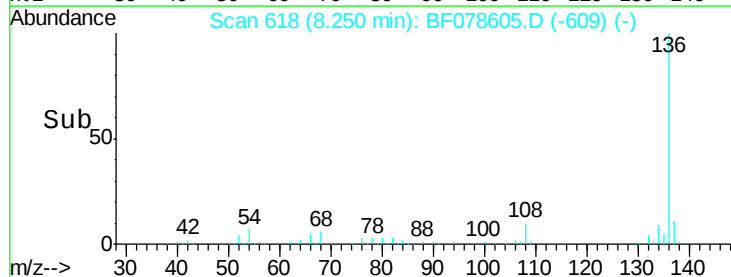
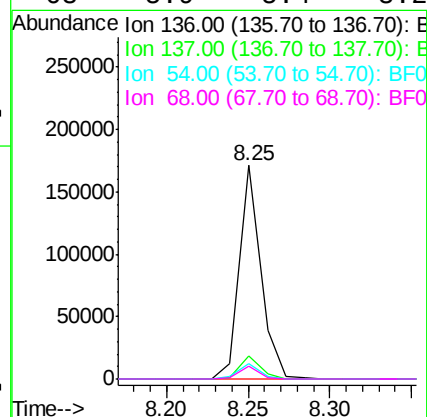
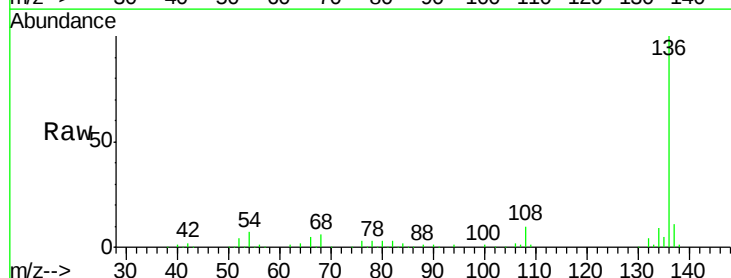
Delta R.T. -0.00 min

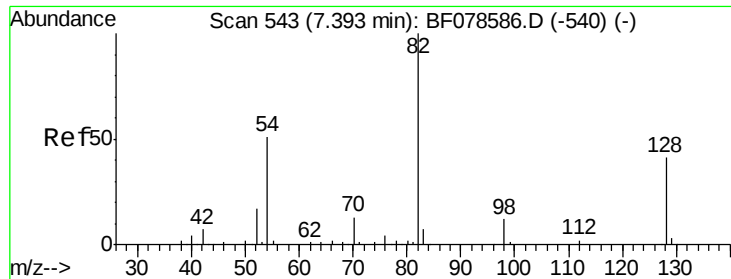
Lab File: BF078605.D

Acq: 17 Apr 2015 15:08

Tgt Ion: 136 Resp: 155217

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.0  | 9.0   | 13.4  |
| 54  | 7.4   | 7.0   | 10.6  |
| 68  | 5.9   | 5.4   | 8.2   |

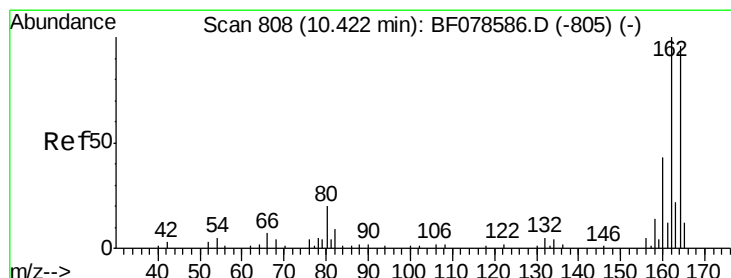
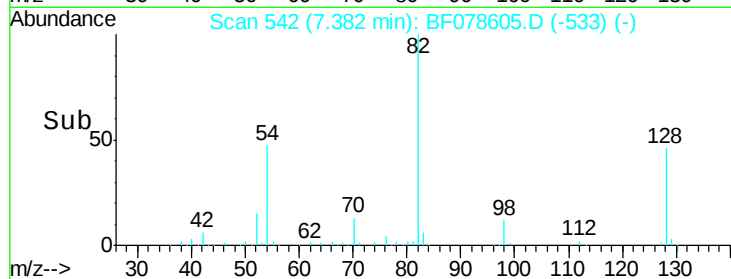
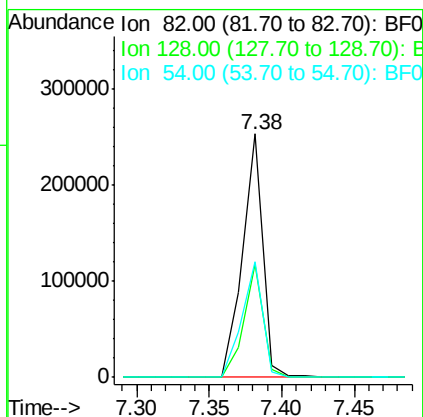
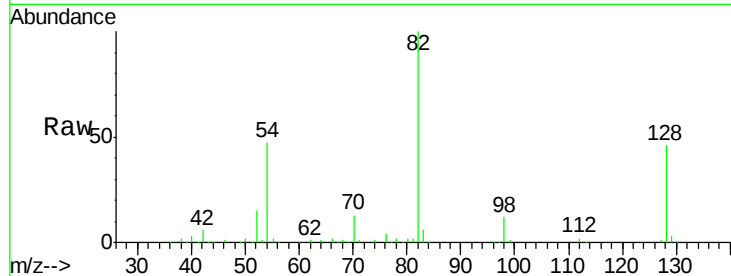




#23  
 Nitrobenzene-d5  
 Concen: 96.43 ng  
 RT: 7.38 min Scan# 542  
 Delta R.T. -0.00 min  
 Lab File: BF078605.D  
 Acq: 17 Apr 2015 15:08

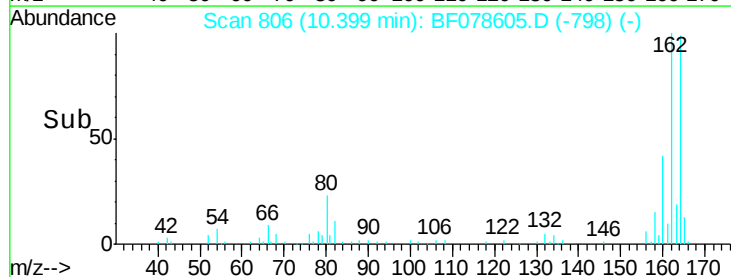
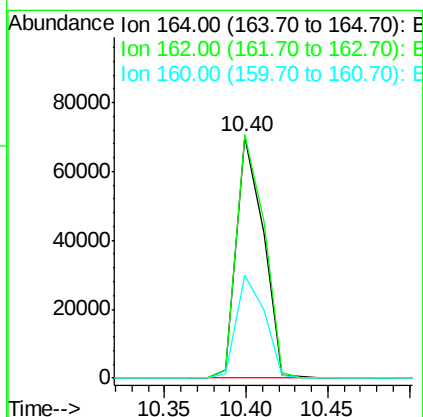
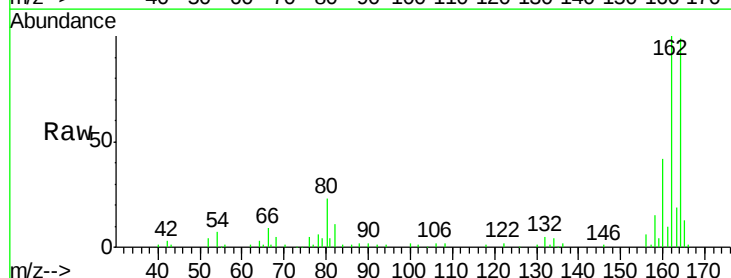
Instrument :  
 BNA\_F  
 ClientSampleId :  
 RINSATEBLANK

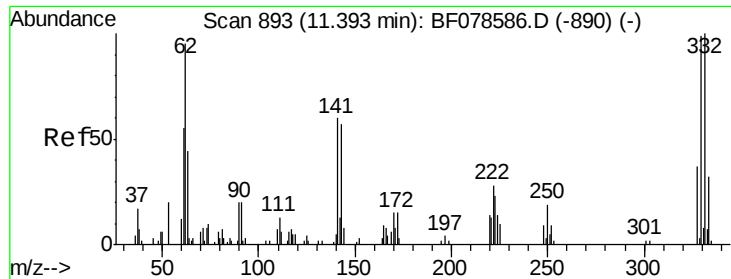
Tot Ion: 82 Resp: 246925  
 Ion Ratio Lower Upper  
 82 100  
 128 46.4 31.8 47.8  
 54 47.5 41.5 62.3



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 10.40 min Scan# 806  
 Delta R.T. -0.01 min  
 Lab File: BF078605.D  
 Acq: 17 Apr 2015 15:08

Tgt Ion:164 Resp: 79410  
 Ion Ratio Lower Upper  
 164 100  
 162 100.9 82.2 123.2  
 160 42.8 34.7 52.1

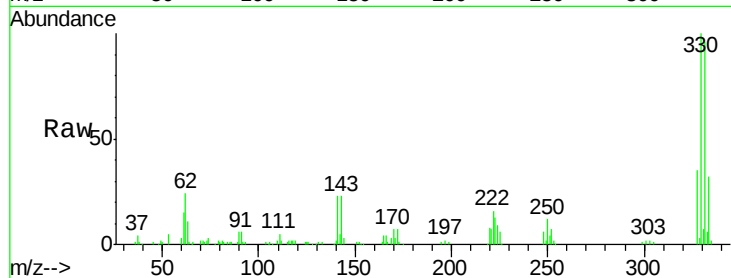




#41  
 2,4,6-Tribromophenol  
 Concen: 166.68 ng  
 RT: 11.38 min Scan# 892  
 Delta R.T. -0.00 min  
 Lab File: BF078605.D  
 Acq: 17 Apr 2015 15:08

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RINSATEBLANK

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.1  | 78.6  | 117.8 |
| 141     | 36.9  | 31.2  | 46.8  |

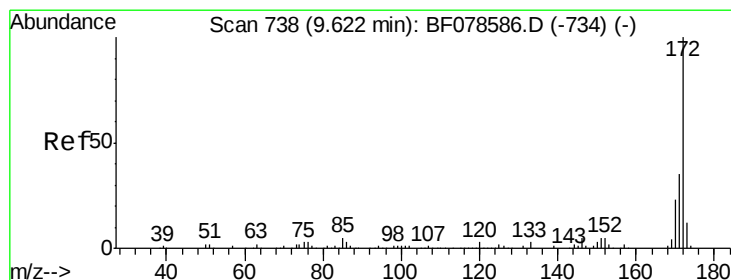
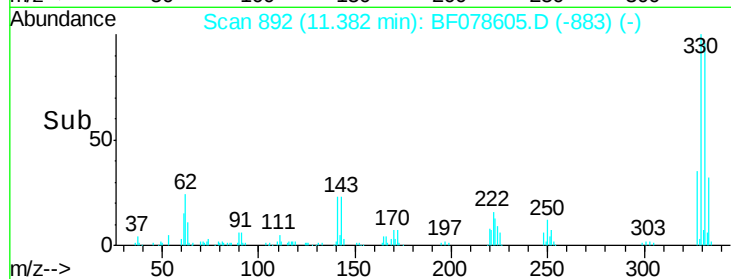
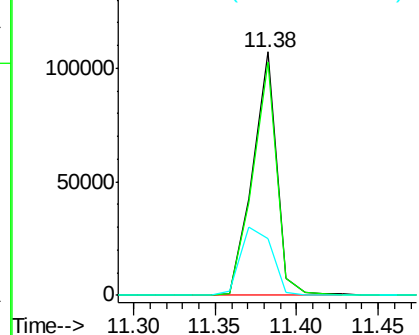


Abundance

Ion 329.80 (329.50 to 330.50): E

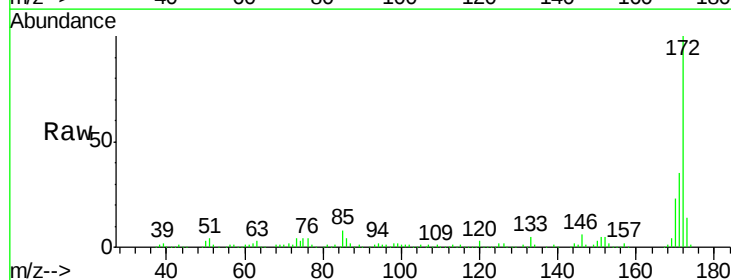
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 87.23 ng  
 RT: 9.60 min Scan# 736  
 Delta R.T. -0.00 min  
 Lab File: BF078605.D  
 Acq: 17 Apr 2015 15:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.4  | 28.6  | 42.8  |
| 170     | 23.4  | 18.5  | 27.7  |

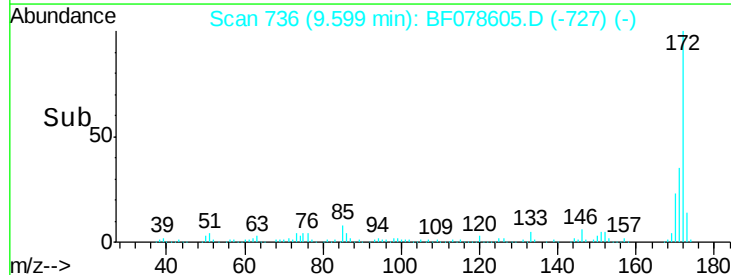
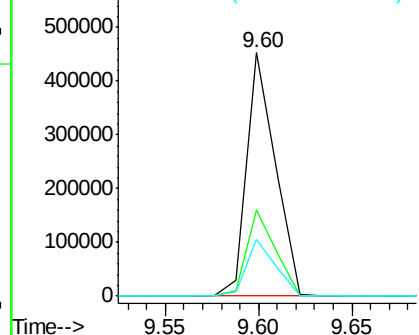


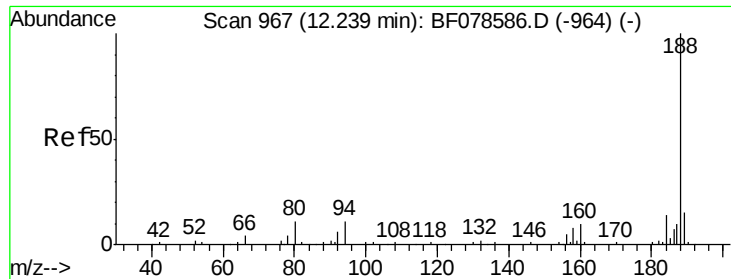
Abundance

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

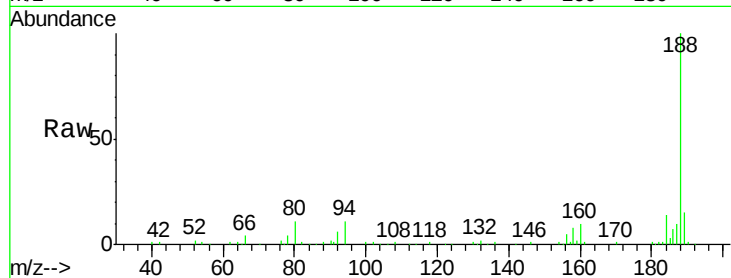




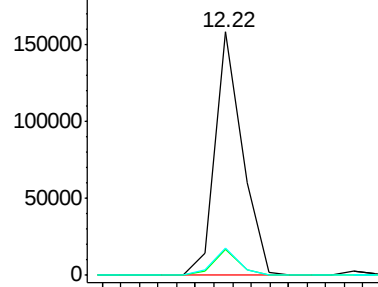
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 12.22 min Scan# 965  
Delta R.T. -0.00 min  
Lab File: BF078605.D  
Acq: 17 Apr 2015 15:08

Instrument :  
BNA\_F  
ClientSampleId :  
RINSATEBLANK

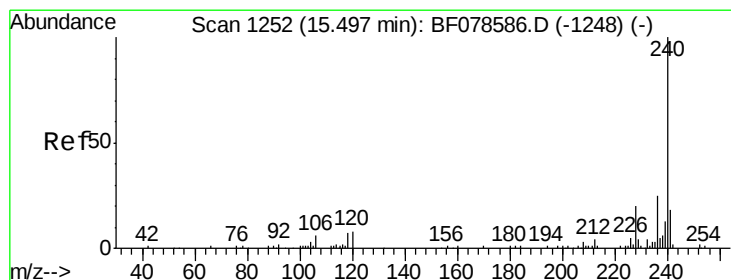
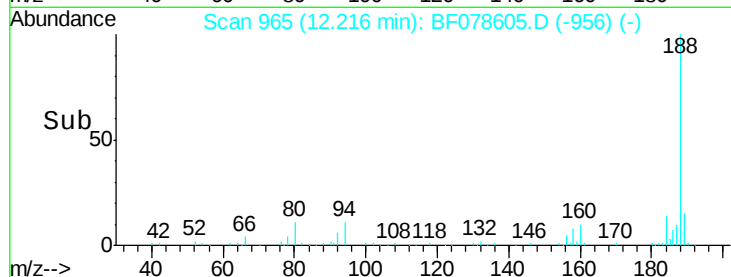
Tot Ion:188 Resp: 161779  
Ion Ratio Lower Upper  
188 100  
94 10.6 9.0 13.4  
80 11.4 9.5 14.3



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

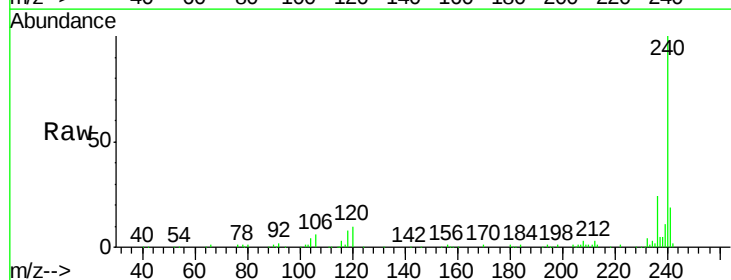


Time--> 12.15 12.20 12.25

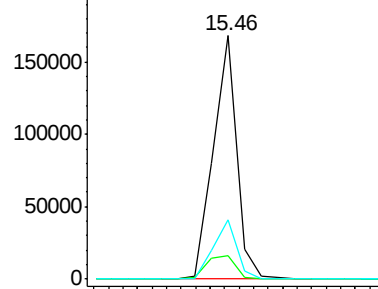


#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 15.46 min Scan# 1249  
Delta R.T. -0.00 min  
Lab File: BF078605.D  
Acq: 17 Apr 2015 15:08

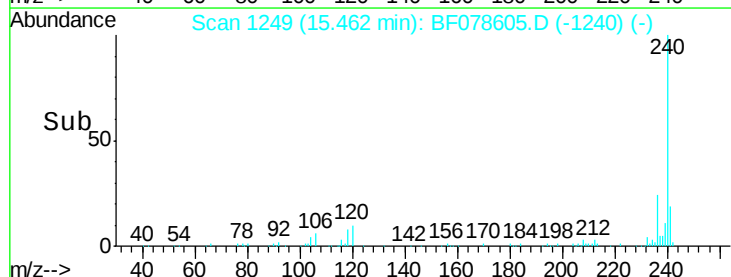
Tgt Ion:240 Resp: 188487  
Ion Ratio Lower Upper  
240 100  
120 9.5 7.1 10.7  
236 24.5 21.4 32.2

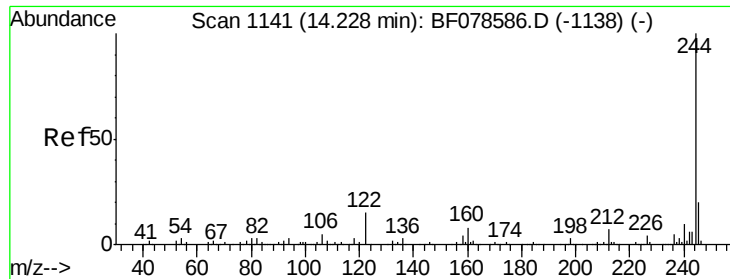


Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E



Time--> 15.40 15.45 15.50 15.55





#78

Terphenyl-d14

Concen: 81.15 ng

RT: 14.21 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BF078605.D

Acq: 17 Apr 2015 15:08

Instrument :

BNA\_F

ClientSampleId :

RINSATEBLANK

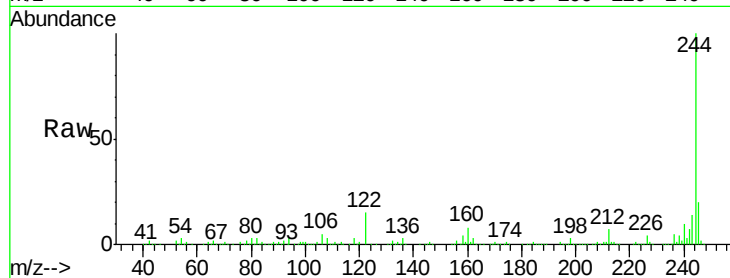
Tot Ion:244 Resp: 676889

Ion Ratio Lower Upper

244 100

212 7.3 5.0 7.4

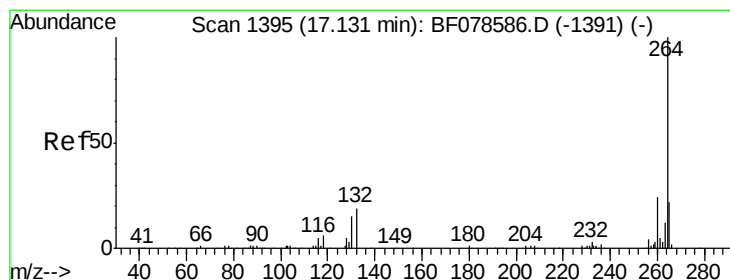
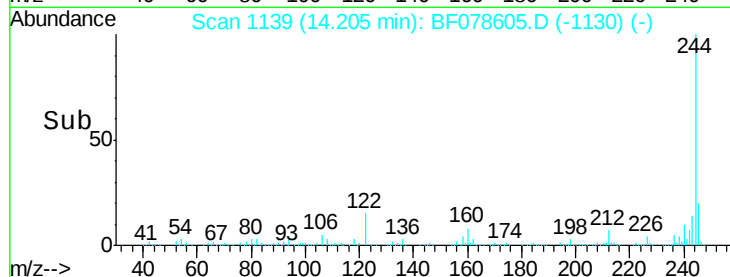
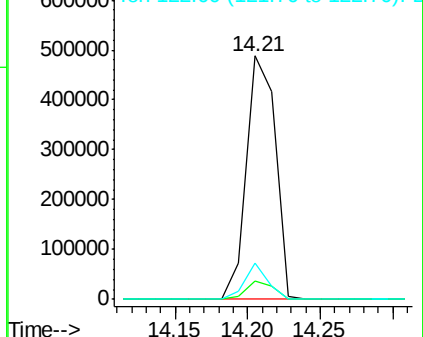
122 15.0 7.1 10.7#



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: 17.12 min Scan# 1394

Delta R.T. -0.03 min

Lab File: BF078605.D

Acq: 17 Apr 2015 15:08

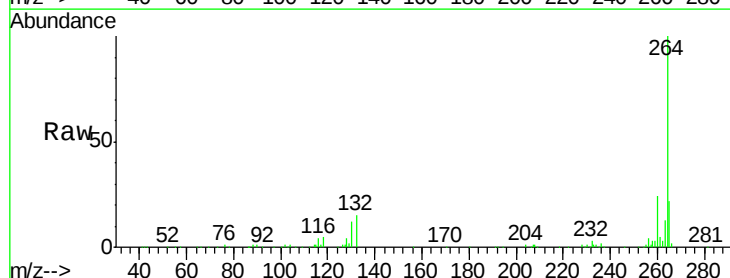
Tgt Ion:264 Resp: 185152

Ion Ratio Lower Upper

264 100

260 24.0 18.6 27.8

265 22.4 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

