

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF080415\  
 Data File : BF080875.D  
 Acq On : 5 Aug 2015 11:10  
 Operator : TP/UM  
 Sample : G3150-01  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TU021-SB-20-10

Quant Time: Aug 05 15:49:32 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF080415.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 05 01:46:16 2015  
 Response via : Initial Calibration

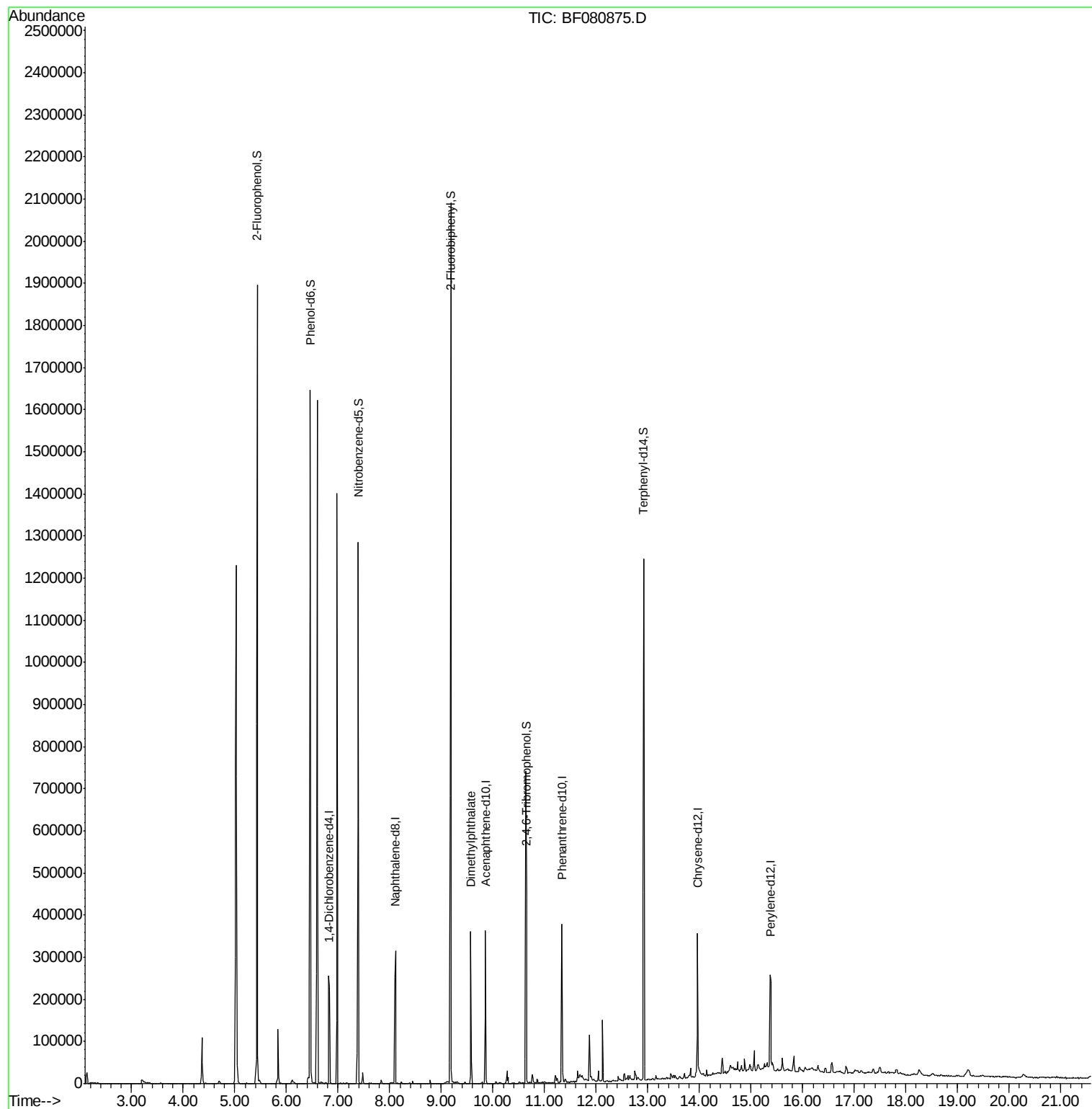
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.83  | 152  | 52340    | 20.00  | ng    | 0.00         |
| 21) Naphthalene-d8          | 8.11  | 136  | 186560   | 20.00  | ng    | 0.00         |
| 38) Acenaphthene-d10        | 9.86  | 164  | 77171    | 20.00  | ng    | 0.00         |
| 63) Phenanthrene-d10        | 11.33 | 188  | 123680   | 20.00  | ng    | 0.00         |
| 75) Chrysene-d12            | 13.96 | 240  | 99823    | 20.00  | ng    | 0.00         |
| 86) Perylene-d12            | 15.38 | 264  | 122023   | 20.00  | ng    | 0.01         |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 5.44  | 112  | 492362   | 142.38 | ng    | 0.01         |
| 7) Phenol-d6                | 6.46  | 99   | 731301   | 161.76 | ng    | 0.01         |
| 23) Nitrobenzene-d5         | 7.39  | 82   | 457279   | 115.51 | ng    | 0.00         |
| 41) 2,4,6-Tribromophenol    | 10.65 | 330  | 107455   | 144.39 | ng    | 0.00         |
| 44) 2-Fluorobiphenyl        | 9.18  | 172  | 623878   | 108.86 | ng    | 0.00         |
| 78) Terphenyl-d14           | 12.92 | 244  | 395937   | 71.79  | ng    | 0.00         |
| Target Compounds            |       |      |          |        |       |              |
| 49) Dimethylphthalate       | 9.57  | 163  | 124552   | 22.13  | ng    | Qvalue<br>99 |

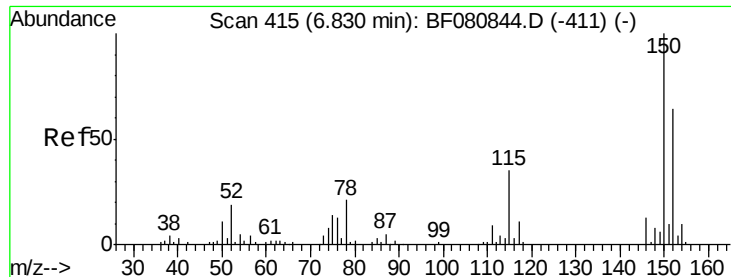
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 05 01:46:16 2015  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF080875.D

Acq: 5 Aug 2015 11:10

Instrument :

BNA\_F

ClientSampleId :

TU021-SB-20-10

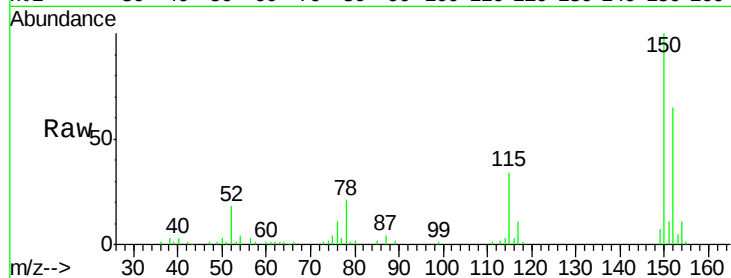
Tgt Ion:152 Resp: 52340

Ion Ratio Lower Upper

152 100

150 154.4 124.6 187.0

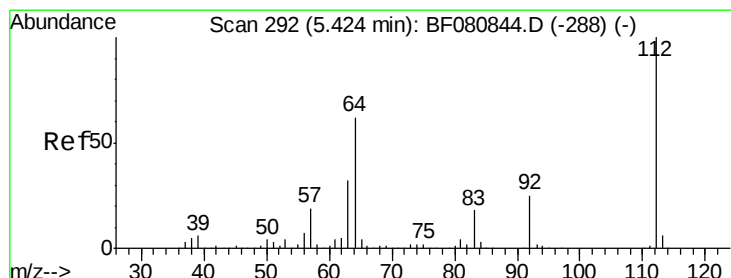
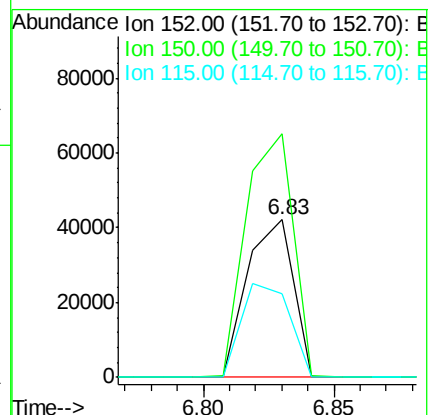
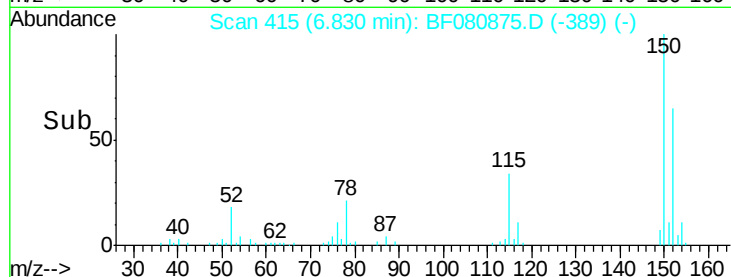
115 52.9 44.2 66.4



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: 142.38 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF080875.D

Acq: 5 Aug 2015 11:10

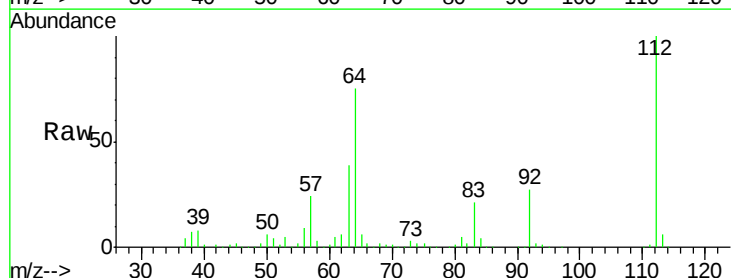
Tgt Ion:112 Resp: 492362

Ion Ratio Lower Upper

112 100

64 75.5 49.5 74.3#

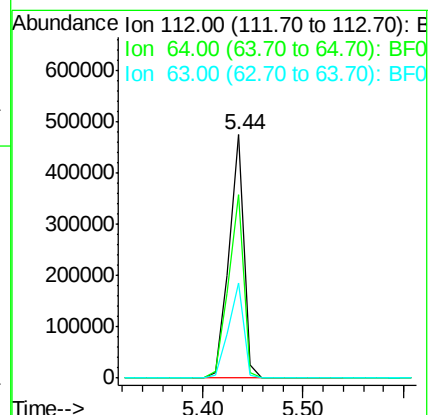
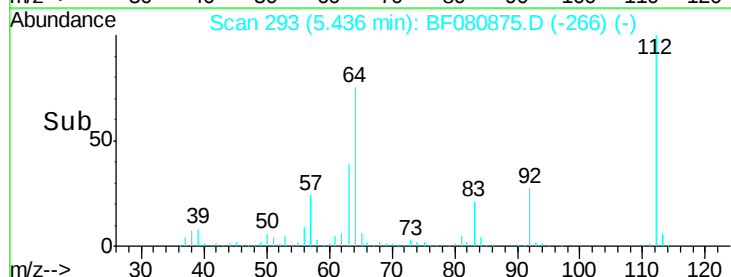
63 39.3 25.3 37.9#

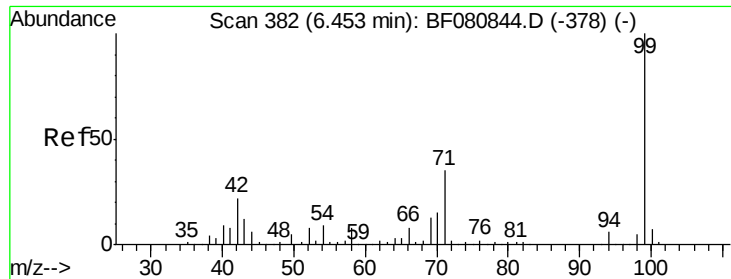


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 161.76 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF080875.D

Acq: 5 Aug 2015 11:10

Instrument :

BNA\_F

ClientSampleId :

TU021-SB-20-10

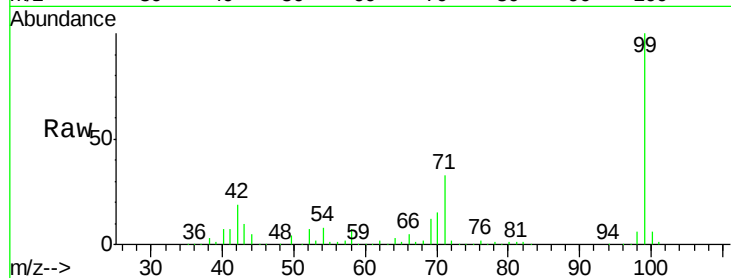
Tgt Ion: 99 Resp: 731301

Ion Ratio Lower Upper

99 100

42 18.8 17.9 26.9

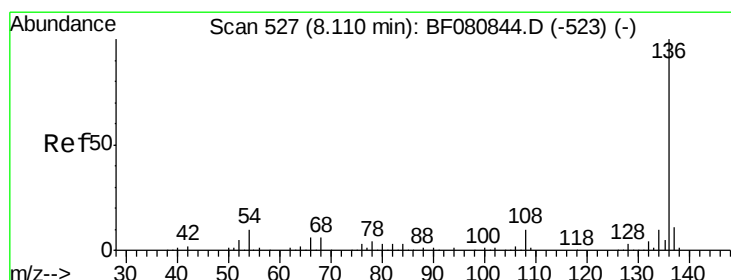
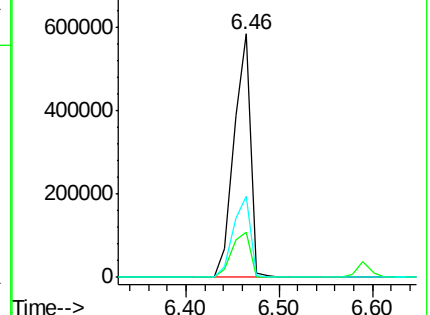
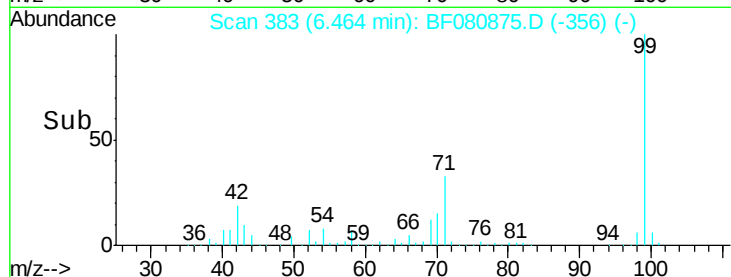
71 33.4 28.2 42.4



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: 8.11 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF080875.D

Acq: 5 Aug 2015 11:10

Tgt Ion: 136 Resp: 186560

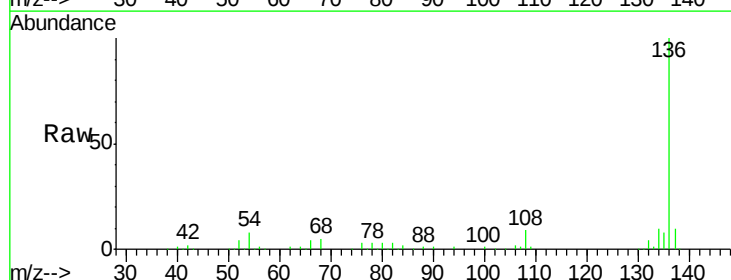
Ion Ratio Lower Upper

136 100

137 10.3 8.6 13.0

54 7.7 8.3 12.5#

68 4.8 4.8 7.2#

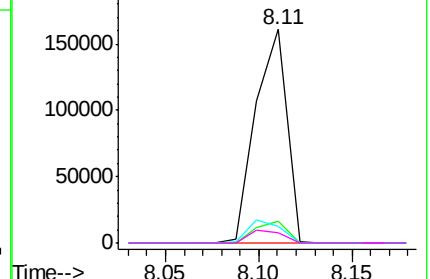
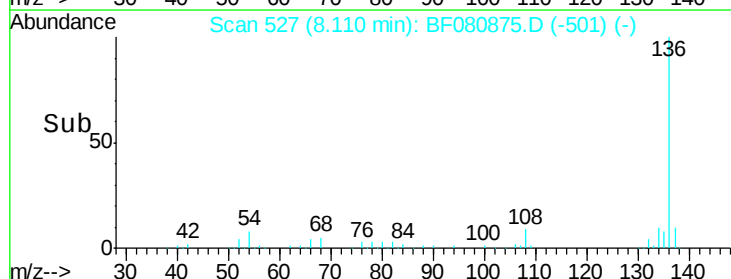


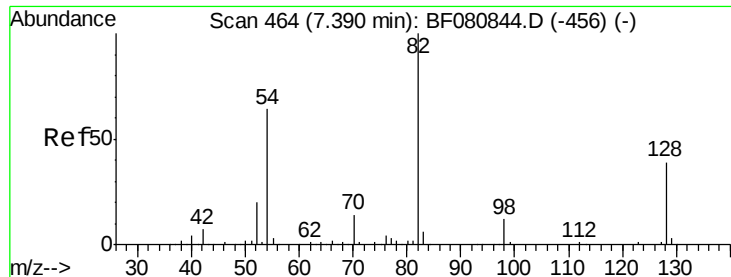
Abundance Ion 136.00 (135.70 to 136.70): E

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

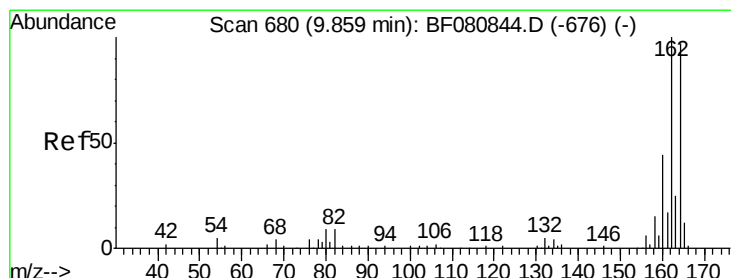
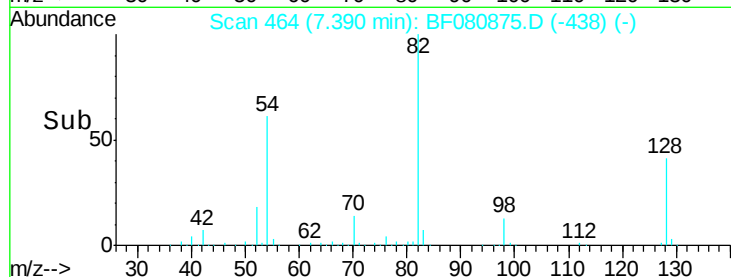
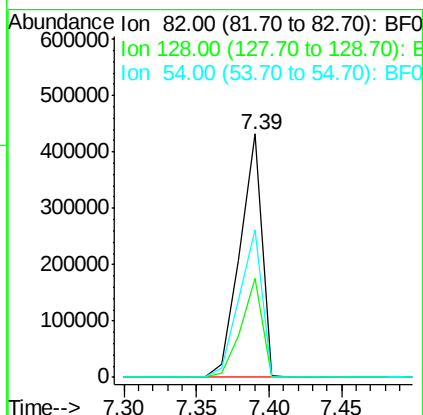
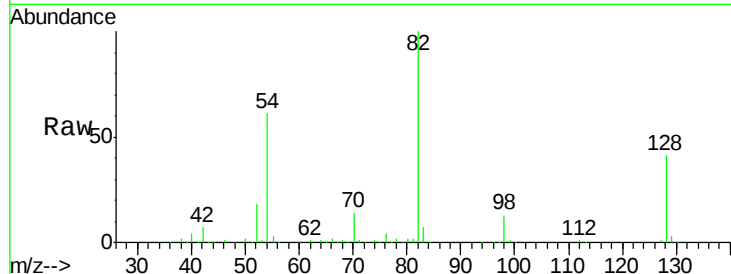




#23  
 Nitrobenzene-d5  
 Concen: 115.51 ng  
 RT: 7.39 min Scan# 464  
 Delta R.T. 0.00 min  
 Lab File: BF080875.D  
 Acq: 5 Aug 2015 11:10

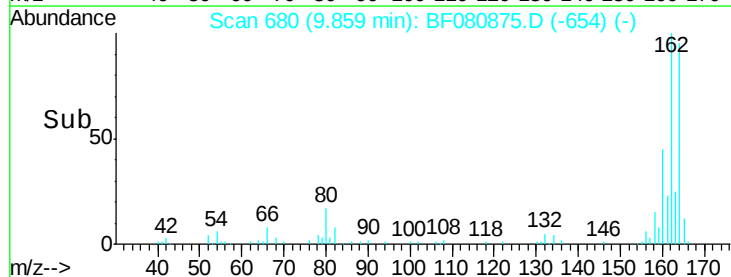
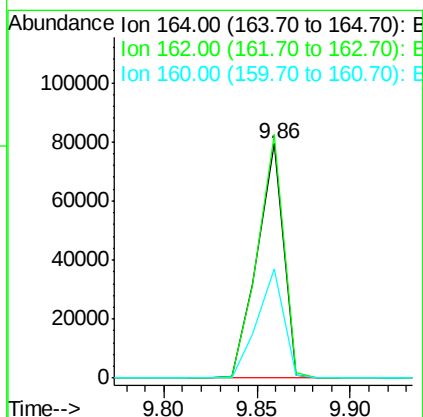
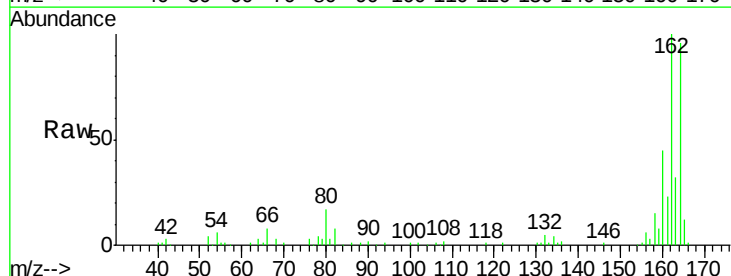
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TU021-SB-20-10

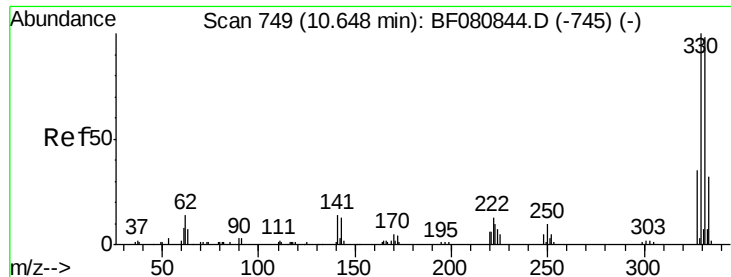
Tgt Ion: 82 Resp: 457279  
 Ion Ratio Lower Upper  
 82 100  
 128 40.8 31.0 46.4  
 54 60.6 51.0 76.6



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.86 min Scan# 680  
 Delta R.T. 0.00 min  
 Lab File: BF080875.D  
 Acq: 5 Aug 2015 11:10

Tgt Ion: 164 Resp: 77171  
 Ion Ratio Lower Upper  
 164 100  
 162 104.0 82.9 124.3  
 160 46.6 36.6 54.8

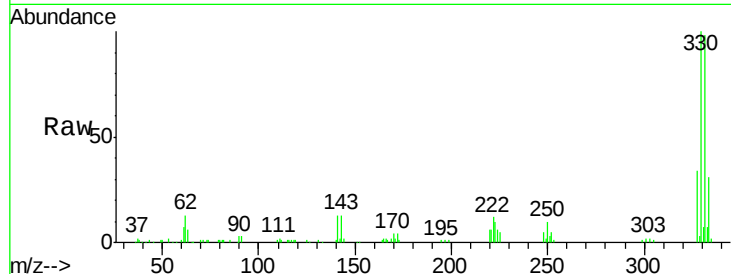




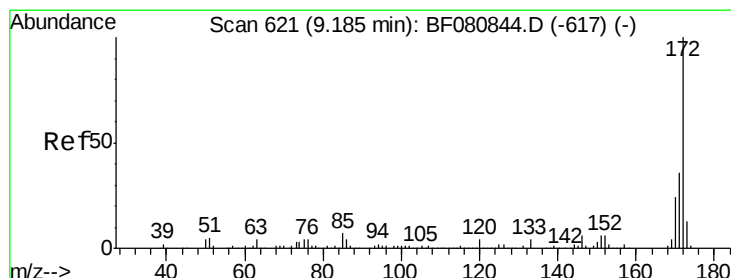
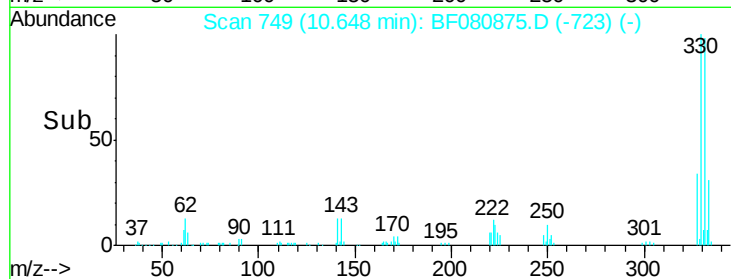
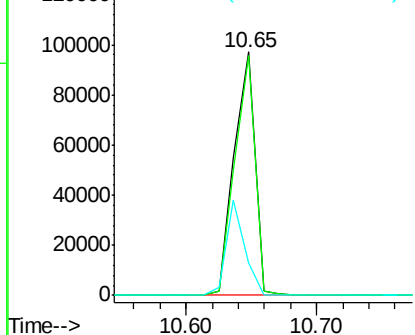
#41  
 2,4,6-Tribromophenol  
 Concen: 144.39 ng  
 RT: 10.65 min Scan# 749  
 Delta R.T. 0.00 min  
 Lab File: BF080875.D  
 Acq: 5 Aug 2015 11:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TU021-SB-20-10

Tgt Ion:330 Resp: 107455  
 Ion Ratio Lower Upper  
 330 100  
 332 95.7 77.8 116.8  
 141 34.5 28.4 42.6

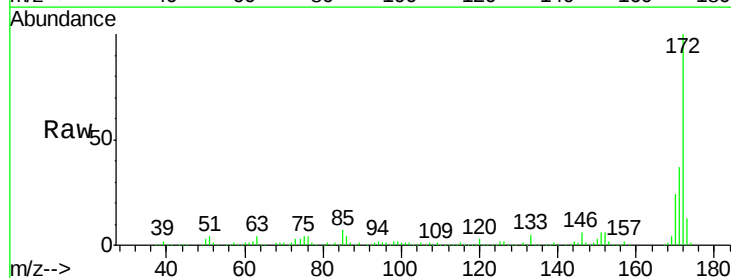


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

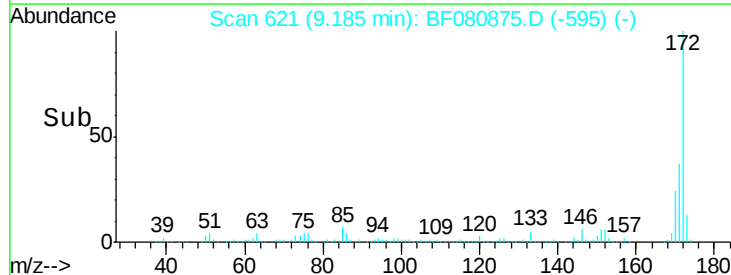
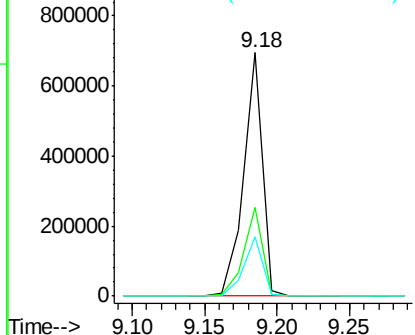


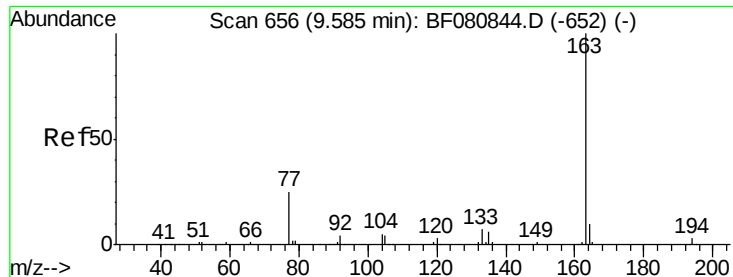
#44  
 2-Fluorobiphenyl  
 Concen: 108.86 ng  
 RT: 9.18 min Scan# 621  
 Delta R.T. 0.00 min  
 Lab File: BF080875.D  
 Acq: 5 Aug 2015 11:10

Tgt Ion:172 Resp: 623878  
 Ion Ratio Lower Upper  
 172 100  
 171 36.7 28.9 43.3  
 170 24.3 19.4 29.2



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

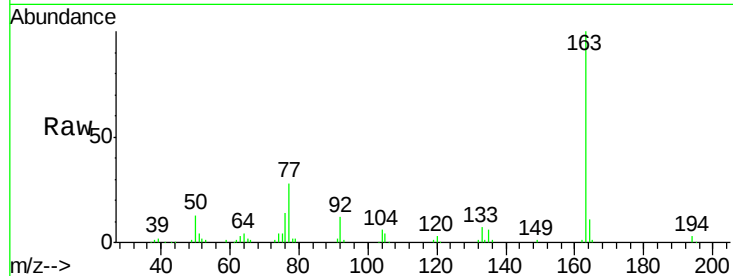




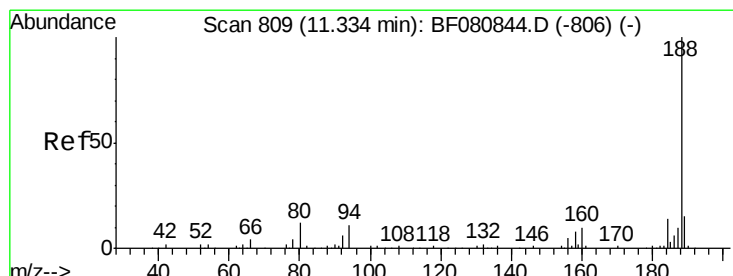
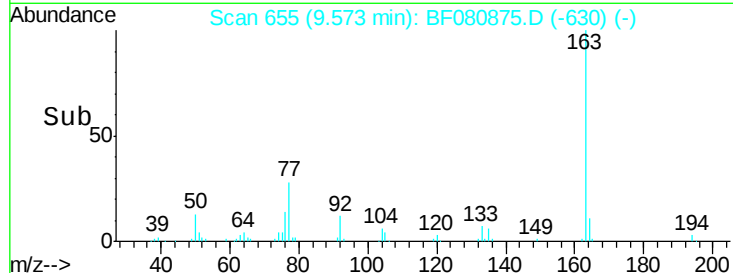
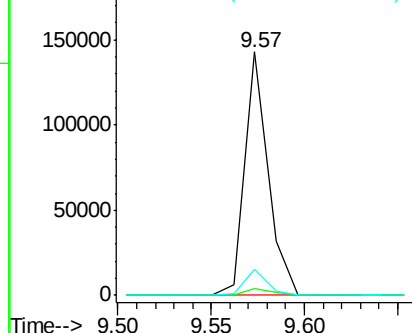
#49  
Dimethylphthalate  
Concen: 22.13 ng  
RT: 9.57 min Scan# 655  
Delta R.T. -0.01 min  
Lab File: BF080875.D  
Acq: 5 Aug 2015 11:10

Instrument :  
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TU021-SB-20-10

Tgt Ion:163 Resp: 124552  
Ion Ratio Lower Upper  
163 100  
194 2.9 2.6 4.0  
164 10.7 8.2 12.4

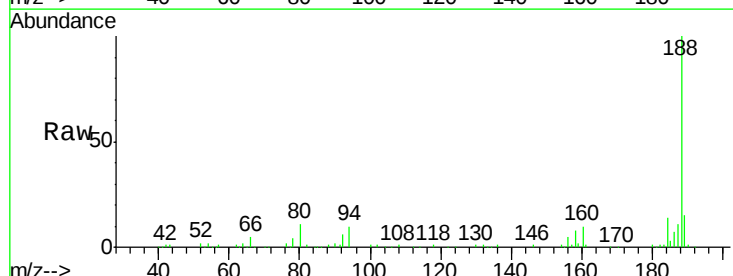


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

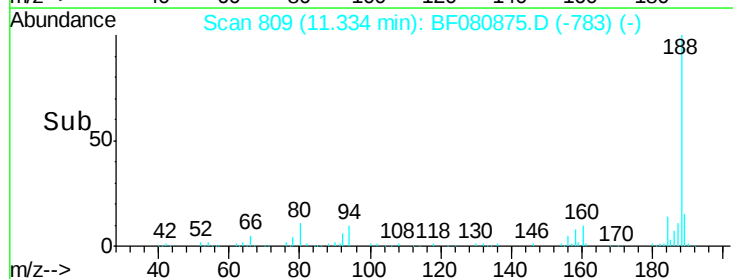
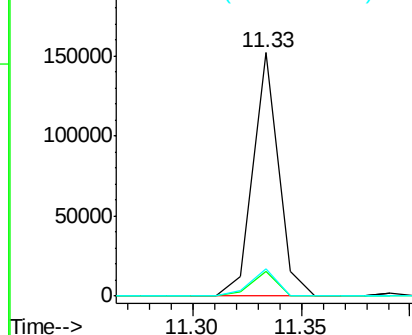


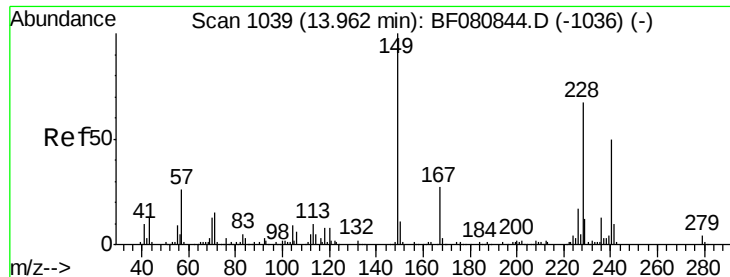
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.33 min Scan# 809  
Delta R.T. 0.00 min  
Lab File: BF080875.D  
Acq: 5 Aug 2015 11:10

Tgt Ion:188 Resp: 123680  
Ion Ratio Lower Upper  
188 100  
94 10.1 8.6 12.8  
80 11.2 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: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF080875.D

Acq: 5 Aug 2015 11:10

Instrument :

BNA\_F

ClientSampleId :

TU021-SB-20-10

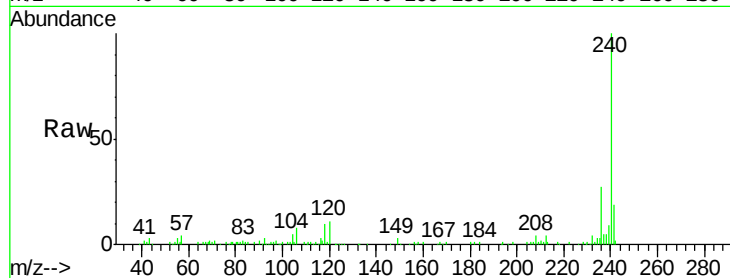
Tgt Ion:240 Resp: 99823

Ion Ratio Lower Upper

240 100

120 10.9 13.0 19.6#

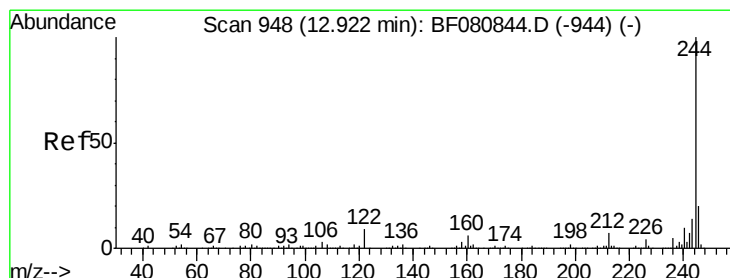
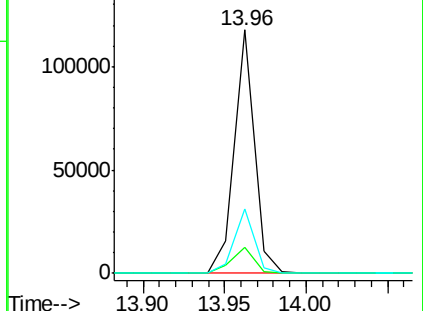
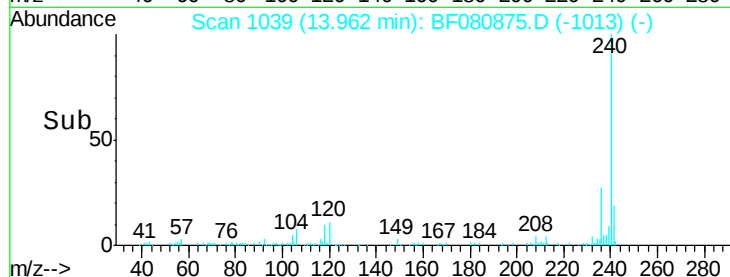
236 26.7 20.7 31.1



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: 71.79 ng

RT: 12.92 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF080875.D

Acq: 5 Aug 2015 11:10

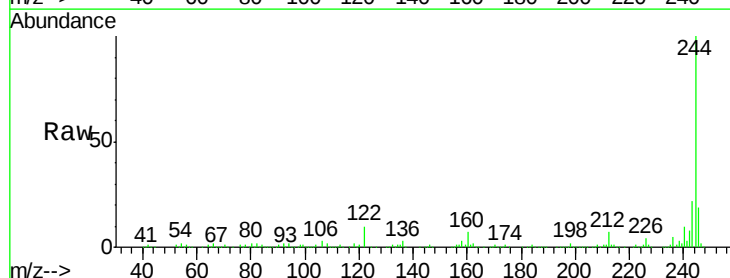
Tgt Ion:244 Resp: 395937

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

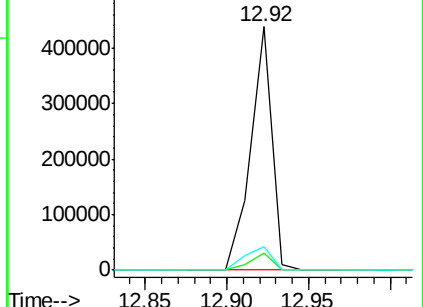
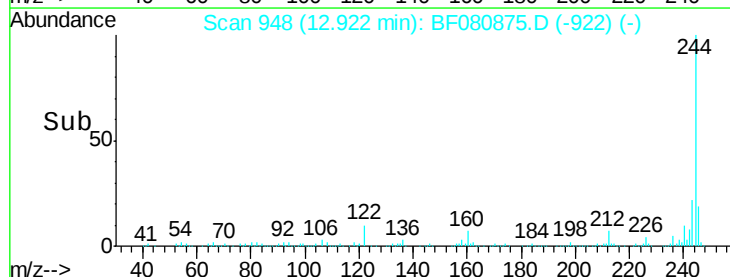
122 9.5 7.1 10.7

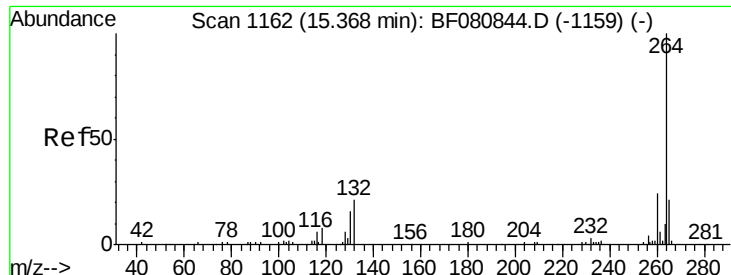


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.38 min Scan# 1163  
Delta R.T. 0.01 min  
Lab File: BF080875.D  
Acq: 5 Aug 2015 11:10

Instrument :  
BNA\_F  
ClientSampleId :  
TU021-SB-20-10

Tgt Ion: 264 Resp: 122023  
Ion Ratio Lower Upper  
264 100  
260 23.5 18.9 28.3  
265 21.7 16.8 25.2

