

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF102315\  
 Data File : BF082511.D  
 Acq On : 24 Oct 2015 13:58  
 Operator : UM/IZ  
 Sample : G4117-07  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 AB-AC-06(0-2)

Quant Time: Oct 25 01:27:48 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF101015.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Oct 23 15:17:13 2015  
 Response via : Initial Calibration

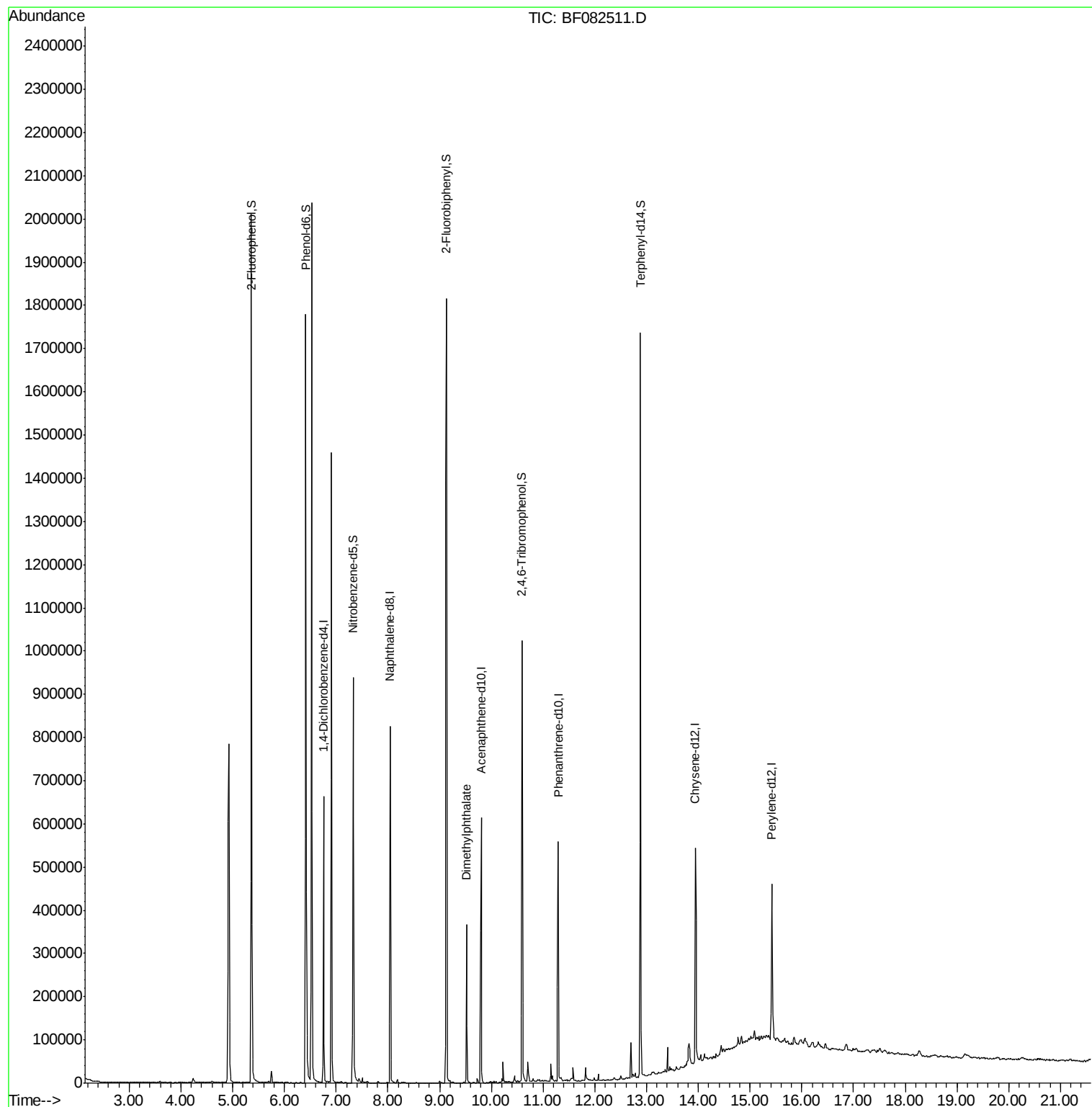
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)      |
|-----------------------------|-------|------|----------|--------|-------|---------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.75  | 152  | 98574    | 20.00  | ng    | 0.00          |
| 21) Naphthalene-d8          | 8.05  | 136  | 371192   | 20.00  | ng    | 0.00          |
| 38) Acenaphthene-d10        | 9.81  | 164  | 153942   | 20.00  | ng    | 0.00          |
| 63) Phenanthrene-d10        | 11.29 | 188  | 246712   | 20.00  | ng    | 0.00          |
| 75) Chrysene-d12            | 13.94 | 240  | 236243   | 20.00  | ng    | -0.09         |
| 86) Perylene-d12            | 15.42 | 264  | 196660   | 20.00  | ng    | -0.21         |
| System Monitoring Compounds |       |      |          |        |       |               |
| 5) 2-Fluorophenol           | 5.36  | 112  | 583124   | 119.39 | ng    | 0.01          |
| 7) Phenol-d6                | 6.41  | 99   | 756032   | 118.95 | ng    | -0.01         |
| 23) Nitrobenzene-d5         | 7.33  | 82   | 431352   | 78.04  | ng    | -0.01         |
| 41) 2,4,6-Tribromophenol    | 10.59 | 330  | 107374   | 74.37  | ng    | -0.01         |
| 44) 2-Fluorobiphenyl        | 9.13  | 172  | 841014   | 90.60  | ng    | 0.00          |
| 78) Terphenyl-d14           | 12.88 | 244  | 566838   | 63.58  | ng    | -0.02         |
| Target Compounds            |       |      |          |        |       |               |
| 49) Dimethylphthalate       | 9.52  | 163  | 167611   | 15.46  | ng    | Qvalue<br>100 |

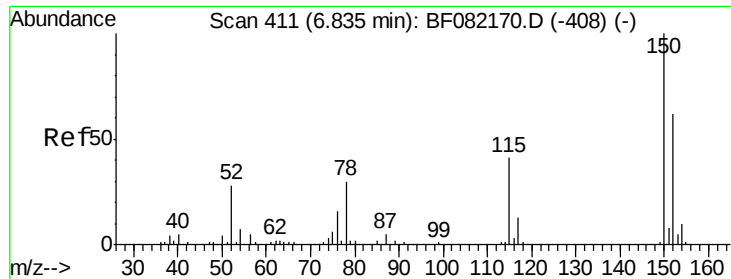
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 23 15:17:13 2015  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF082511.D

Acq: 24 Oct 2015 13:58

Instrument :

BNA\_F

ClientSampleId :

AB-AC-06(0-2)

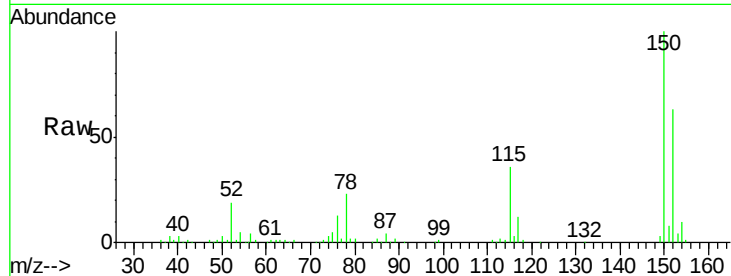
Tgt Ion:152 Resp: 98574

Ion Ratio Lower Upper

152 100

150 159.2 129.0 193.4

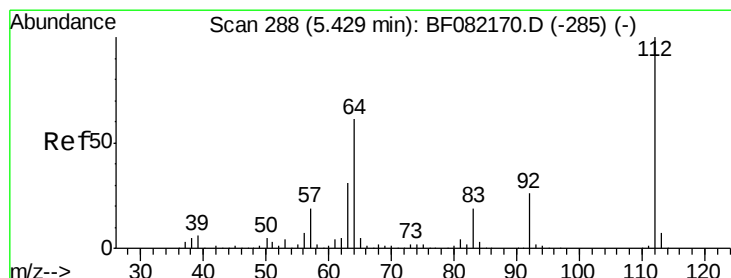
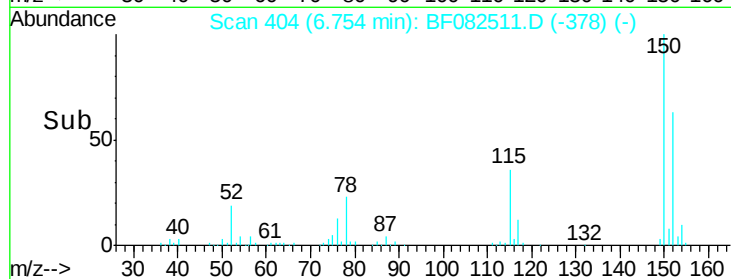
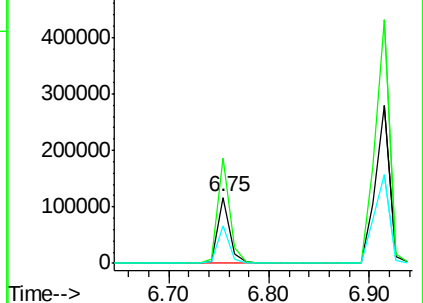
115 56.9 52.1 78.1



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: 119.39 ng

RT: 5.36 min Scan# 282

Delta R.T. 0.01 min

Lab File: BF082511.D

Acq: 24 Oct 2015 13:58

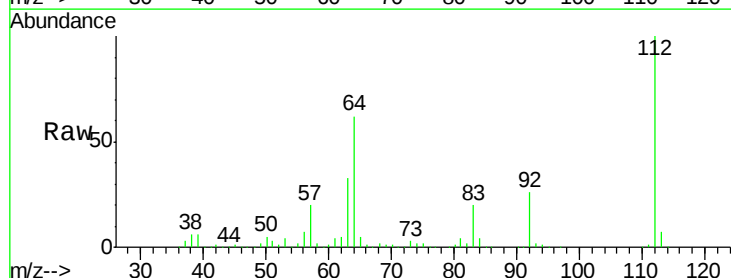
Tgt Ion:112 Resp: 583124

Ion Ratio Lower Upper

112 100

64 62.5 48.6 73.0

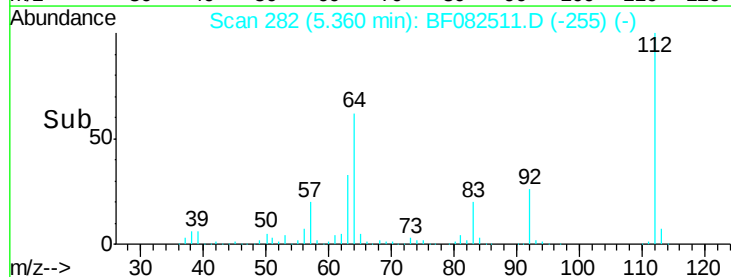
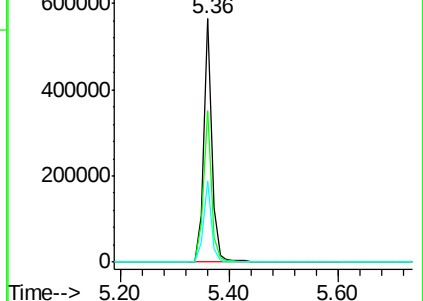
63 33.3 25.1 37.7

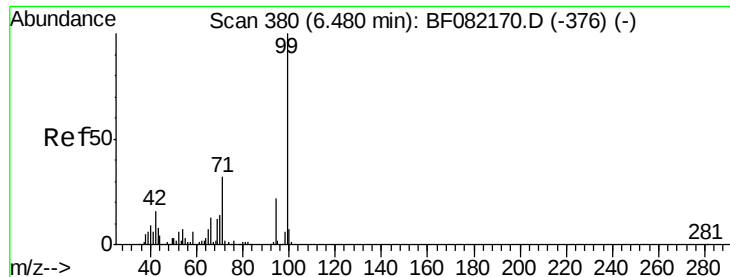


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 118.95 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082511.D

Acq: 24 Oct 2015 13:58

Instrument :

BNA\_F

ClientSampleId :

AB-AC-06(0-2)

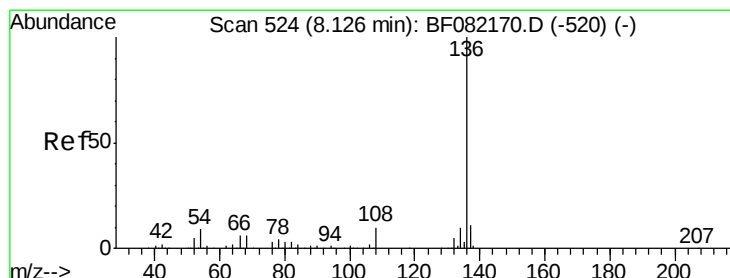
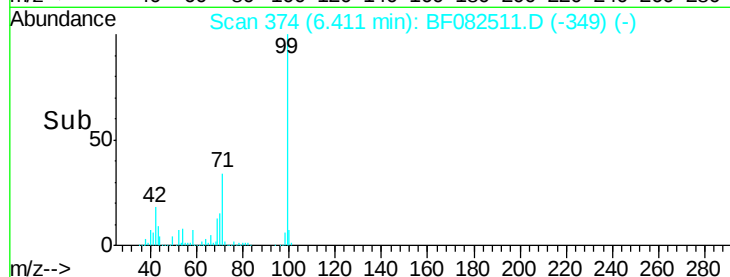
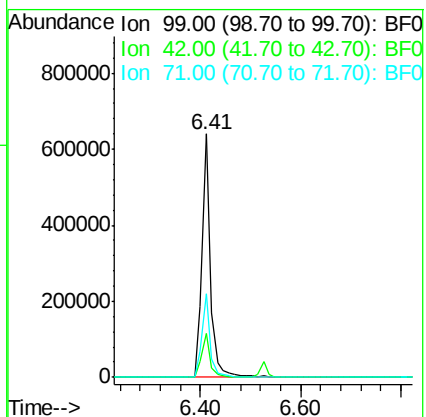
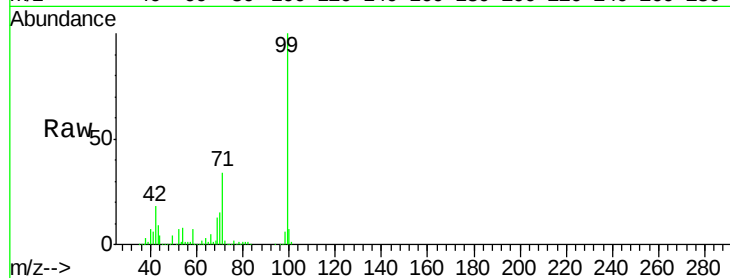
Tgt Ion: 99 Resp: 756032

Ion Ratio Lower Upper

99 100

42 18.0 13.2 19.8

71 34.3 25.6 38.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 517

Delta R.T. -0.00 min

Lab File: BF082511.D

Acq: 24 Oct 2015 13:58

Tgt Ion: 136 Resp: 371192

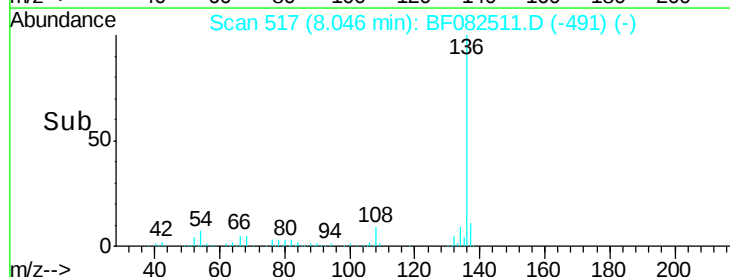
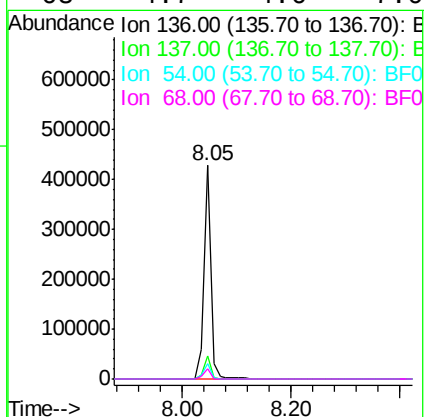
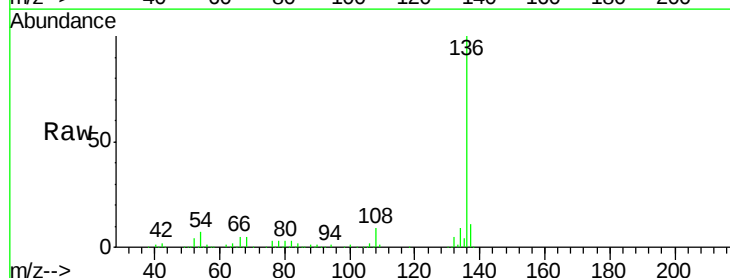
Ion Ratio Lower Upper

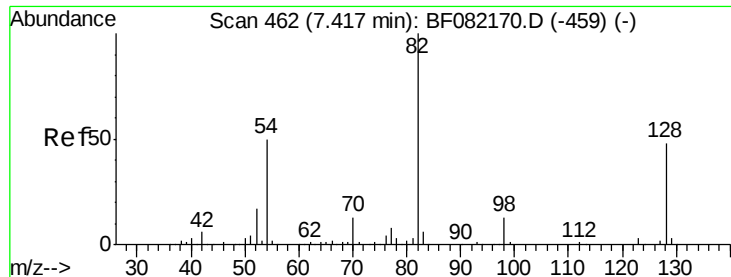
136 100

137 10.9 9.0 13.6

54 7.3 7.5 11.3#

68 4.7 4.6 7.0

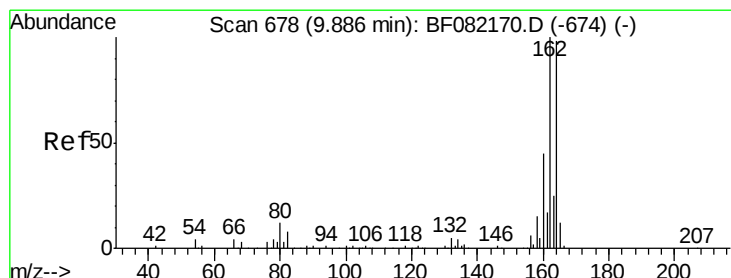
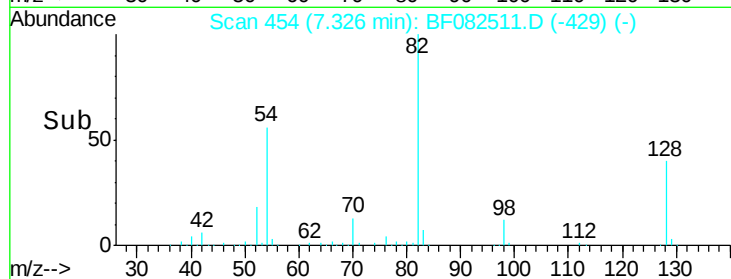
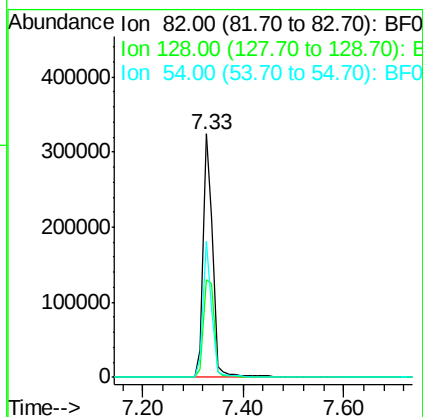
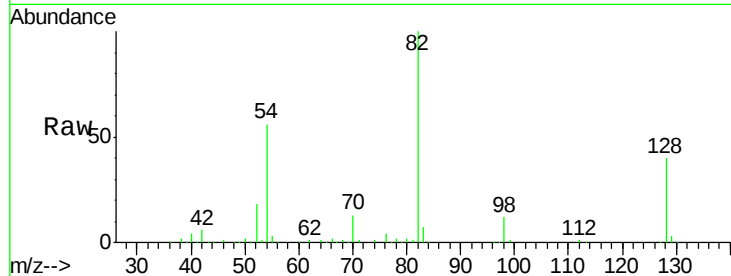




#23  
 Nitrobenzene-d5  
 Concen: 78.04 ng  
 RT: 7.33 min Scan# 454  
 Delta R.T. -0.01 min  
 Lab File: BF082511.D  
 Acq: 24 Oct 2015 13:58

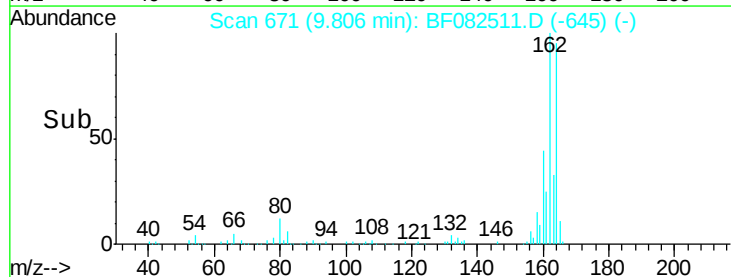
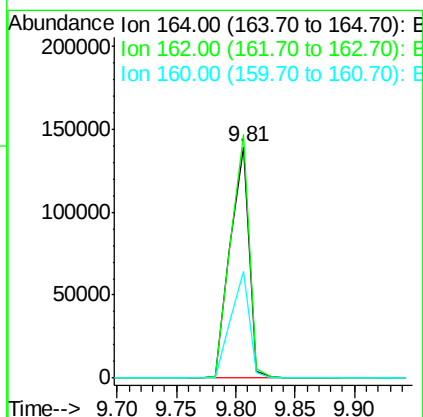
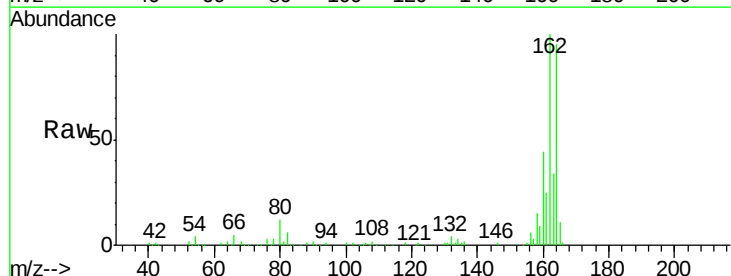
Instrument :  
 BNA\_F  
 ClientSampleId :  
 AB-AC-06(0-2)

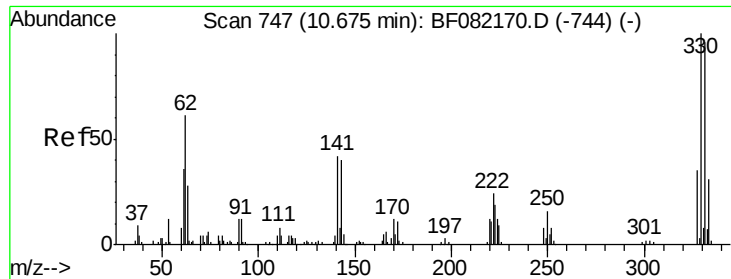
Tgt Ion: 82 Resp: 431352  
 Ion Ratio Lower Upper  
 82 100  
 128 40.0 38.7 58.1  
 54 55.9 40.1 60.1



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.81 min Scan# 671  
 Delta R.T. -0.00 min  
 Lab File: BF082511.D  
 Acq: 24 Oct 2015 13:58

Tgt Ion: 164 Resp: 153942  
 Ion Ratio Lower Upper  
 164 100  
 162 105.4 81.6 122.4  
 160 46.3 36.4 54.6

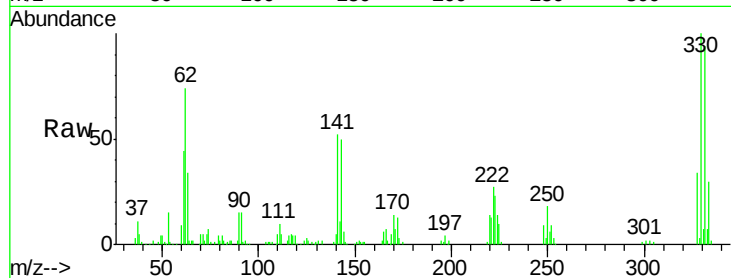




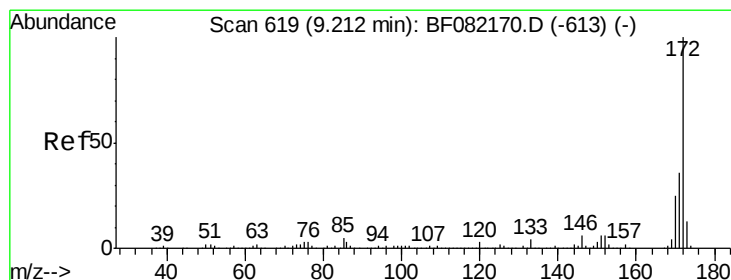
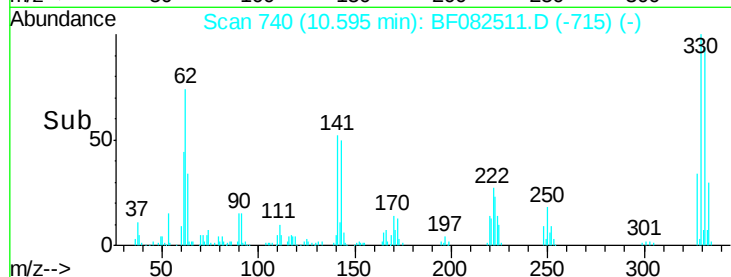
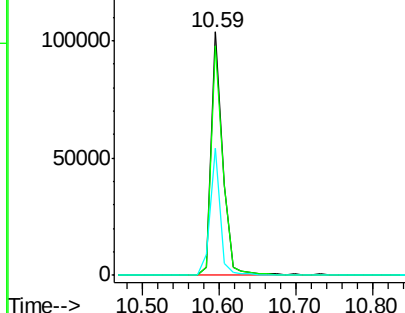
#41  
 2,4,6-Tribromophenol  
 Concen: 74.37 ng  
 RT: 10.59 min Scan# 740  
 Delta R.T. -0.01 min  
 Lab File: BF082511.D  
 Acq: 24 Oct 2015 13:58

Instrument :  
 BNA\_F  
 ClientSampleId :  
 AB-AC-06(0-2)

Tgt Ion:330 Resp: 107374  
 Ion Ratio Lower Upper  
 330 100  
 332 95.0 77.1 115.7  
 141 45.8 29.8 44.8#

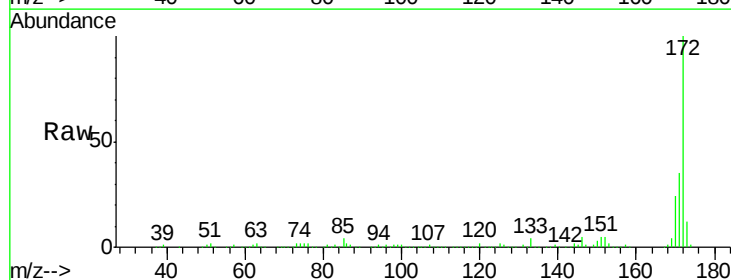


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

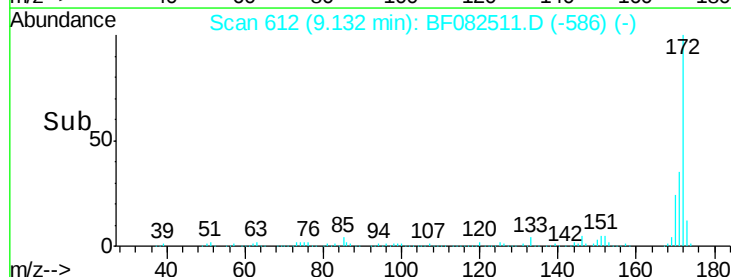
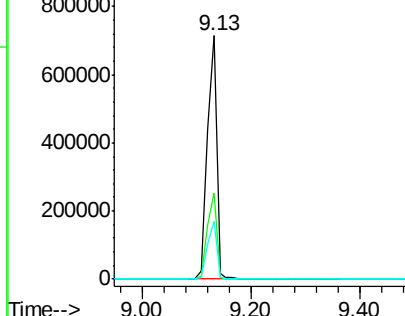


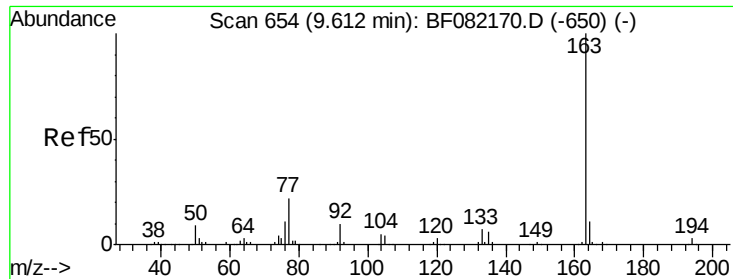
#44  
 2-Fluorobiphenyl  
 Concen: 90.60 ng  
 RT: 9.13 min Scan# 612  
 Delta R.T. -0.00 min  
 Lab File: BF082511.D  
 Acq: 24 Oct 2015 13:58

Tgt Ion:172 Resp: 841014  
 Ion Ratio Lower Upper  
 172 100  
 171 35.5 28.6 42.8  
 170 23.9 19.7 29.5



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

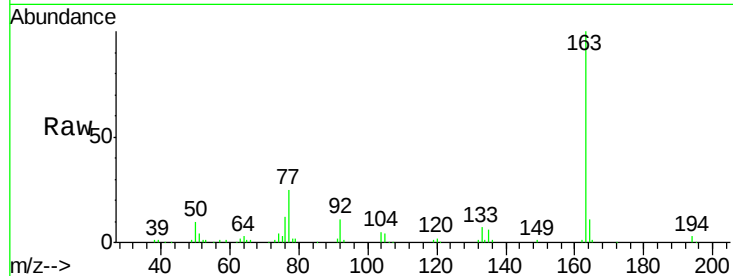




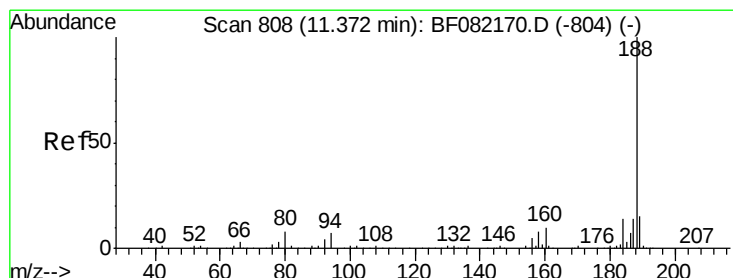
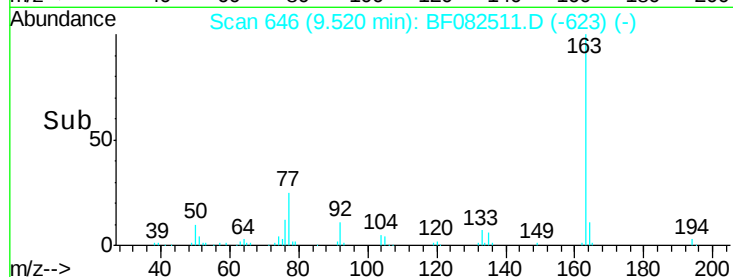
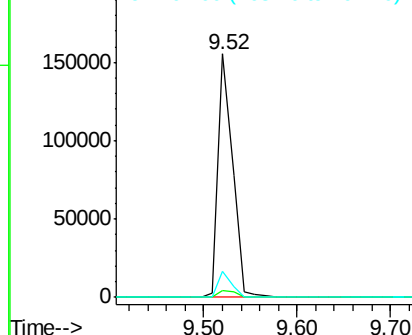
#49  
Dimethylphthalate  
Concen: 15.46 ng  
RT: 9.52 min Scan# 646  
Delta R.T. -0.03 min  
Lab File: BF082511.D  
Acq: 24 Oct 2015 13:58

Instrument :  
BNA\_F  
ClientSampleId :  
AB-AC-06(0-2)

Tgt Ion:163 Resp: 167611  
Ion Ratio Lower Upper  
163 100  
194 3.0 2.6 4.0  
164 10.7 8.5 12.7

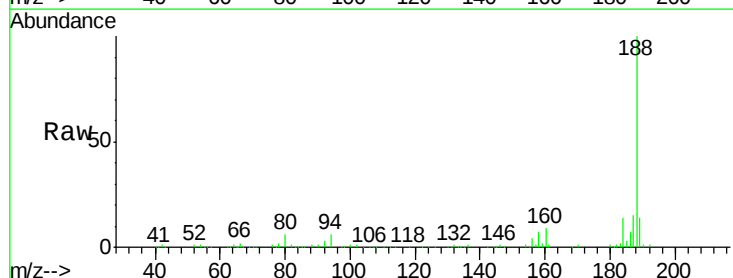


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

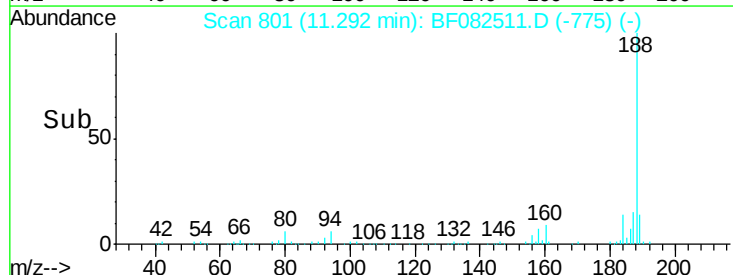
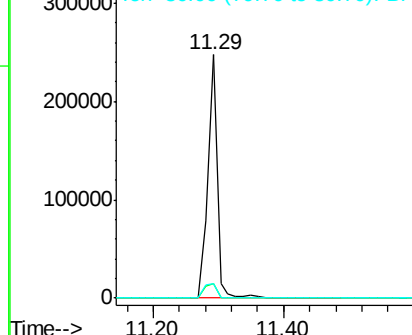


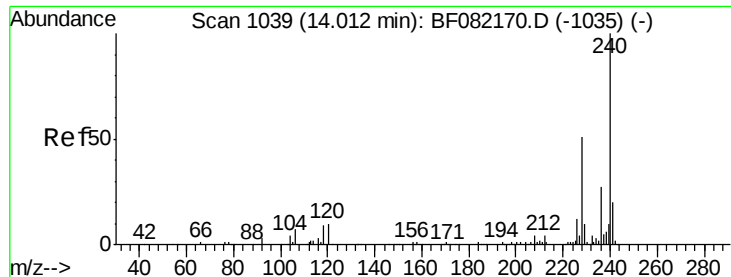
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.29 min Scan# 801  
Delta R.T. -0.00 min  
Lab File: BF082511.D  
Acq: 24 Oct 2015 13:58

Tgt Ion:188 Resp: 246712  
Ion Ratio Lower Upper  
188 100  
94 5.7 5.8 8.6#  
80 6.2 6.4 9.6#



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: 13.94 min Scan# 1033

Delta R.T. -0.09 min

Lab File: BF082511.D

Acq: 24 Oct 2015 13:58

Instrument :

BNA\_F

ClientSampleId :

AB-AC-06(0-2)

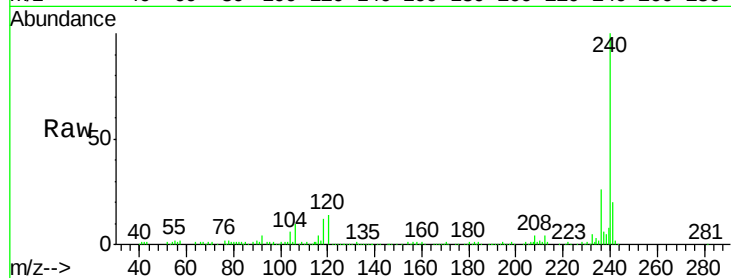
Tgt Ion:240 Resp: 236243

Ion Ratio Lower Upper

240 100

120 13.9 8.1 12.1#

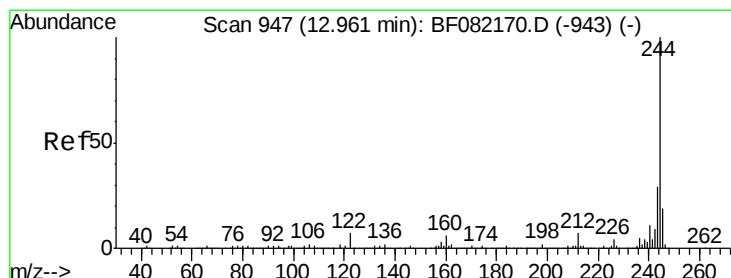
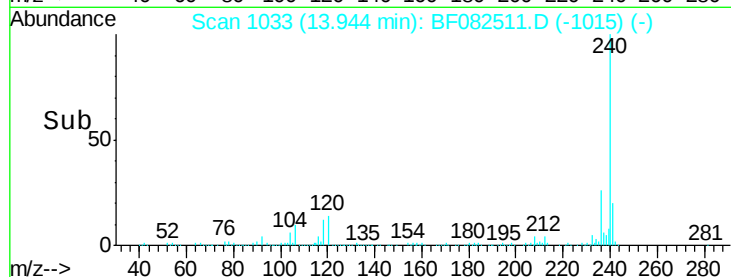
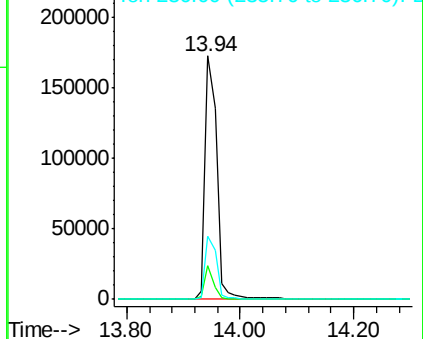
236 25.8 21.3 31.9



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: 63.58 ng

RT: 12.88 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF082511.D

Acq: 24 Oct 2015 13:58

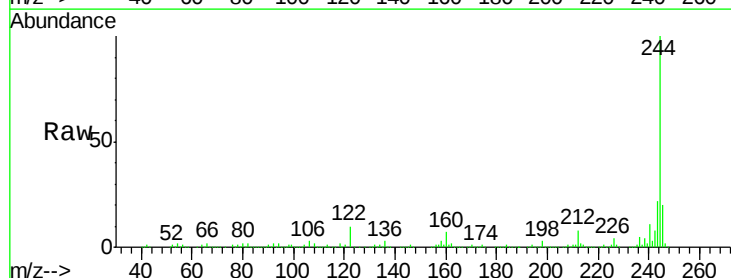
Tgt Ion:244 Resp: 566838

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.6

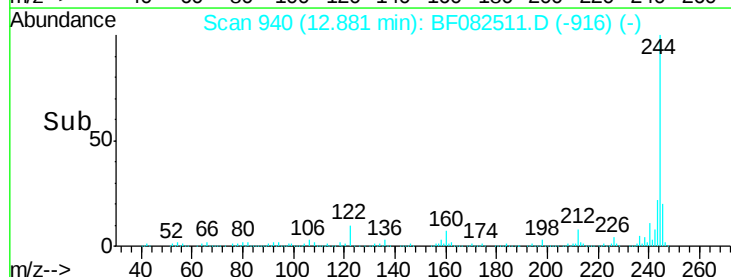
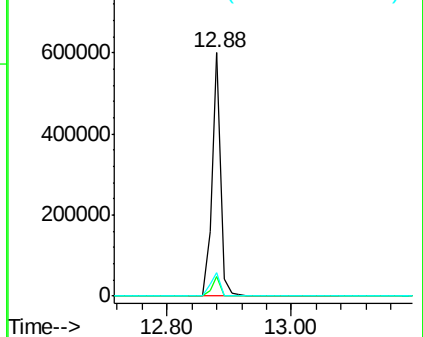
122 9.5 5.9 8.9#

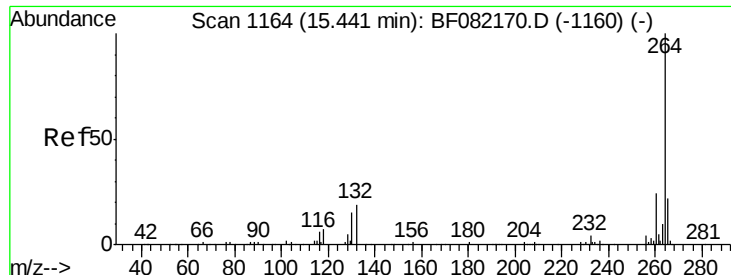


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

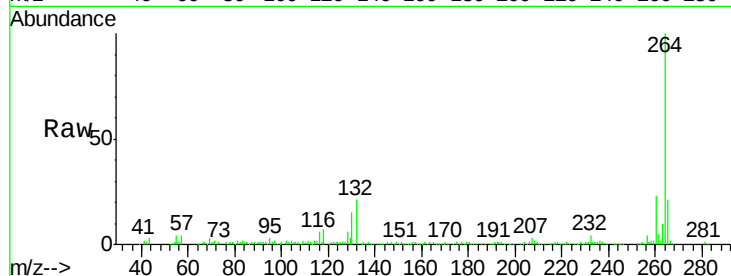




#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.42 min Scan# 1162  
Delta R.T. -0.21 min  
Lab File: BF082511.D  
Acq: 24 Oct 2015 13:58

Instrument :  
BNA\_F  
ClientSampleId :  
AB-AC-06(0-2)

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.1  | 19.0  | 28.6  |
| 265     | 21.1  | 17.3  | 25.9  |



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

