

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\  
 Data File : BF082852.D  
 Acq On : 10 Nov 2015 4:15  
 Operator : UM/IZ  
 Sample : G4286-06  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 T-2C

Quant Time: Nov 10 05:46:15 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Nov 07 02:32:49 2015  
 Response via : Initial Calibration

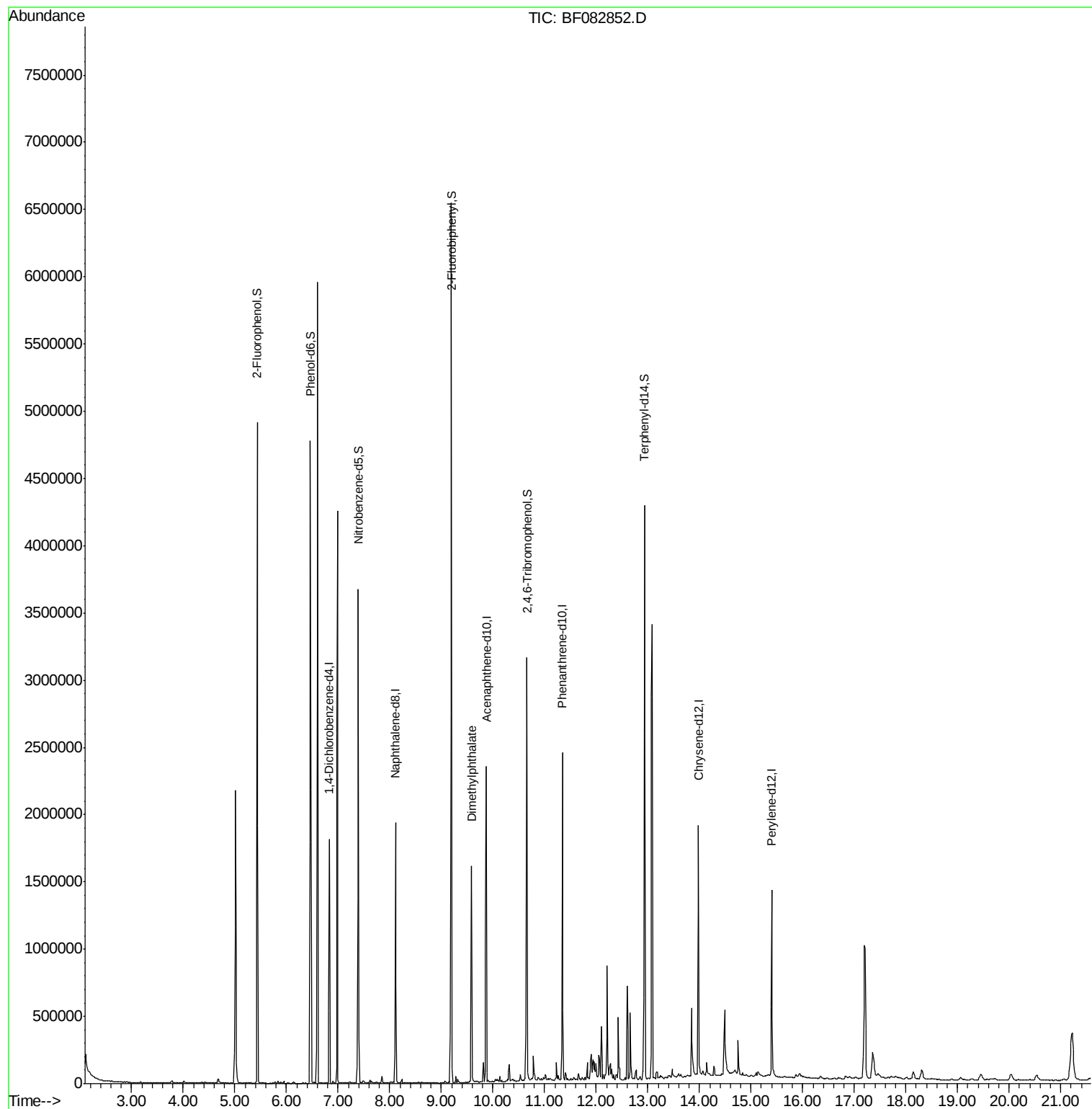
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|-------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.83  | 152  | 272089   | 20.00 | ng    | -0.02        |
| 21) Naphthalene-d8          | 8.11  | 136  | 937584   | 20.00 | ng    | -0.03        |
| 38) Acenaphthene-d10        | 9.87  | 164  | 509515   | 20.00 | ng    | -0.02        |
| 63) Phenanthrene-d10        | 11.34 | 188  | 847093   | 20.00 | ng    | -0.03        |
| 75) Chrysene-d12            | 13.99 | 240  | 815530   | 20.00 | ng    | -0.03        |
| 86) Perylene-d12            | 15.40 | 264  | 630017   | 20.00 | ng    | -0.06        |
| System Monitoring Compounds |       |      |          |       |       |              |
| 5) 2-Fluorophenol           | 5.44  | 112  | 1583632  | 90.56 | ng    | -0.01        |
| 7) Phenol-d6                | 6.46  | 99   | 2147475  | 92.37 | ng    | -0.01        |
| 23) Nitrobenzene-d5         | 7.39  | 82   | 1333852  | 61.90 | ng    | -0.02        |
| 41) 2,4,6-Tribromophenol    | 10.66 | 330  | 529866   | 90.70 | ng    | -0.02        |
| 44) 2-Fluorobiphenyl        | 9.20  | 172  | 2155907  | 60.64 | ng    | -0.02        |
| 78) Terphenyl-d14           | 12.93 | 244  | 1704787  | 49.58 | ng    | -0.03        |
| Target Compounds            |       |      |          |       |       |              |
| 49) Dimethylphthalate       | 9.58  | 163  | 580237   | 13.90 | ng    | Qvalue<br>98 |

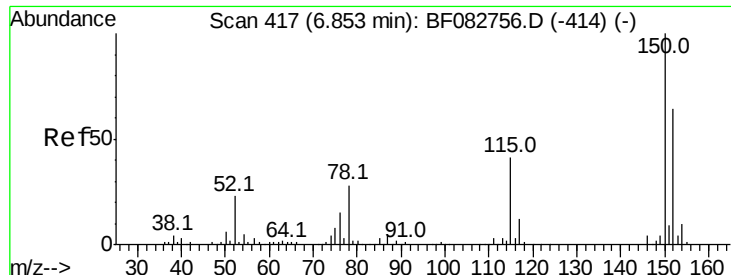
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
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T-2C

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QLast Update : Sat Nov 07 02:32:49 2015  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF082852.D

Acq: 10 Nov 2015 4:15

Instrument :

BNA\_F

ClientSampleId :

T-2C

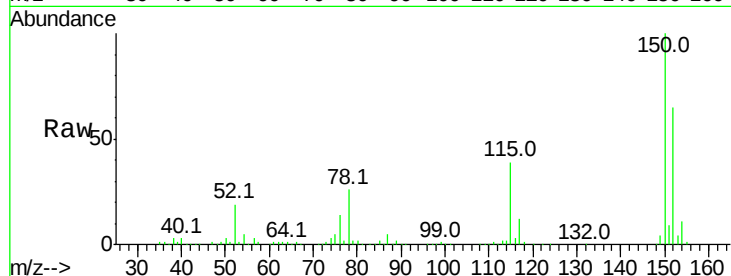
Tot Ion:152 Resp: 272089

Ion Ratio Lower Upper

152 100

150 154.5 127.0 190.4

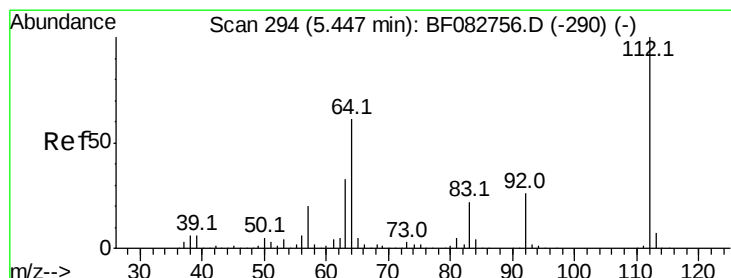
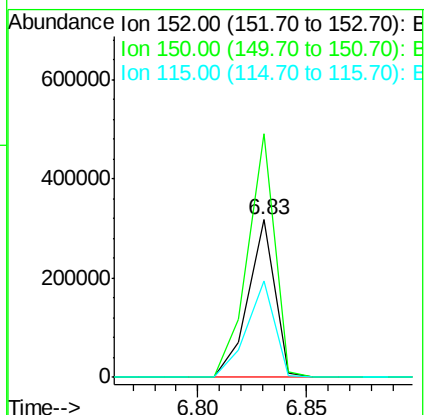
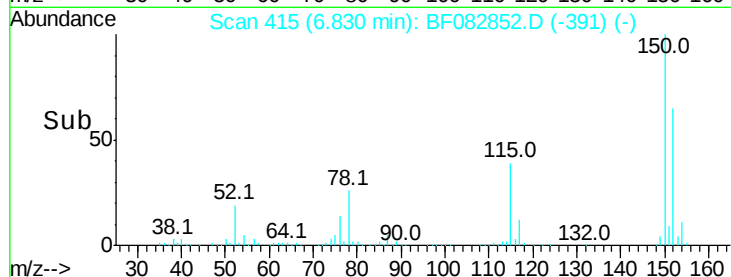
115 60.8 47.0 70.6



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: 90.56 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF082852.D

Acq: 10 Nov 2015 4:15

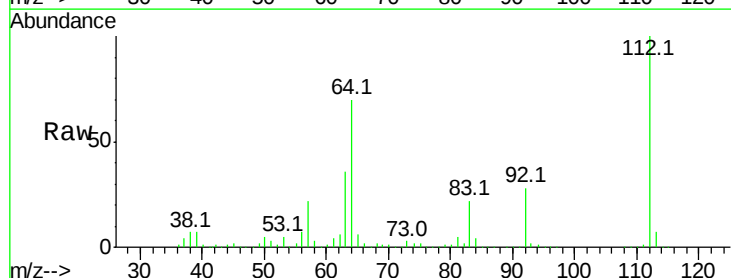
Tgt Ion:112 Resp: 1583632

Ion Ratio Lower Upper

112 100

64 69.7 48.9 73.3

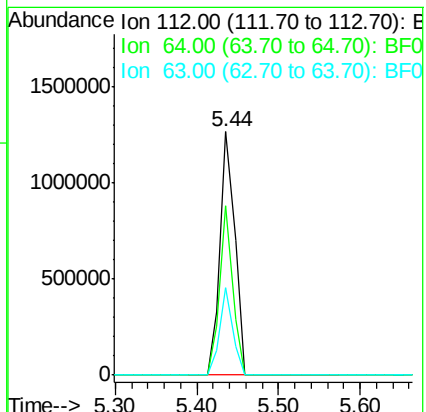
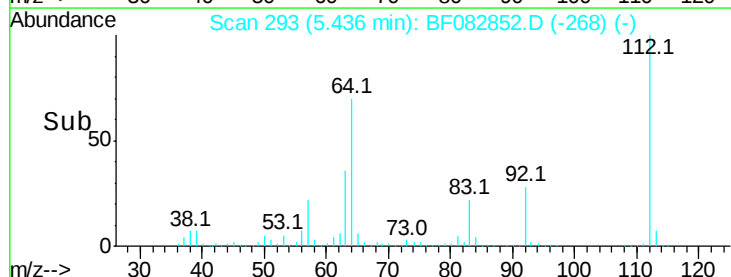
63 36.1 28.1 42.1

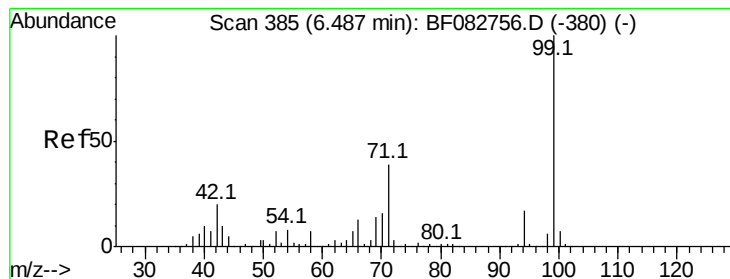


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 92.37 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF082852.D

Acq: 10 Nov 2015 4:15

Instrument :

BNA\_F

ClientSampleId :

T-2C

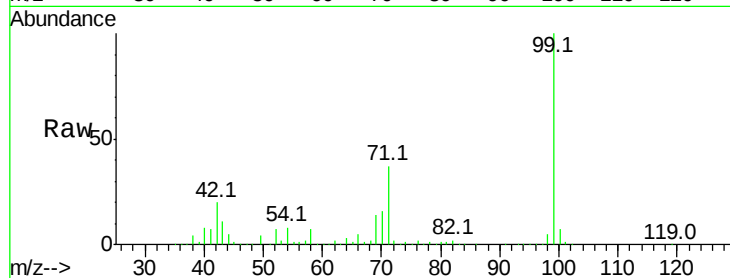
Tot Ion: 99 Resp: 2147475

Ion Ratio Lower Upper

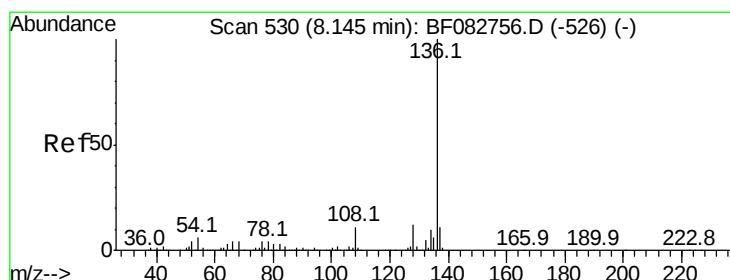
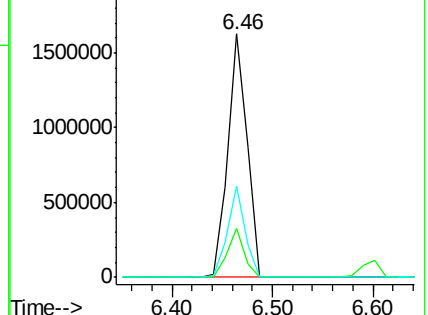
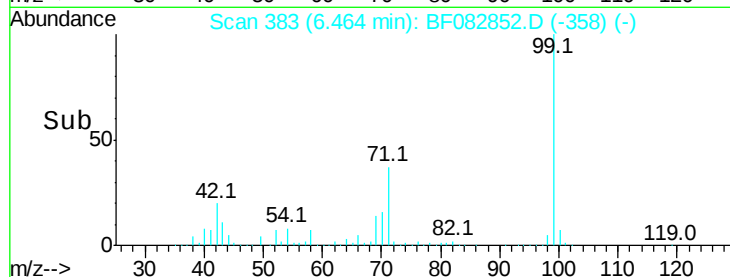
99 100

42 20.1 19.2 28.8

71 37.5 35.0 52.4



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. -0.03 min

Lab File: BF082852.D

Acq: 10 Nov 2015 4:15

Tgt Ion: 136 Resp: 937584

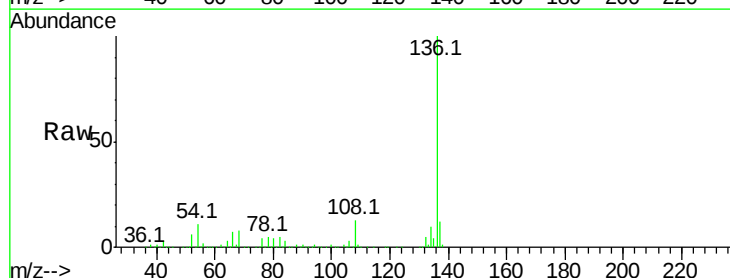
Ion Ratio Lower Upper

136 100

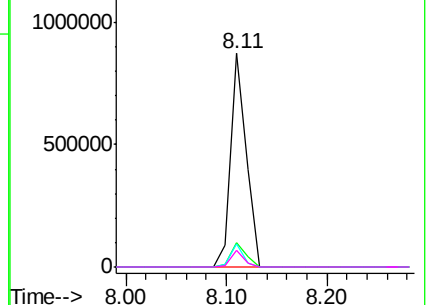
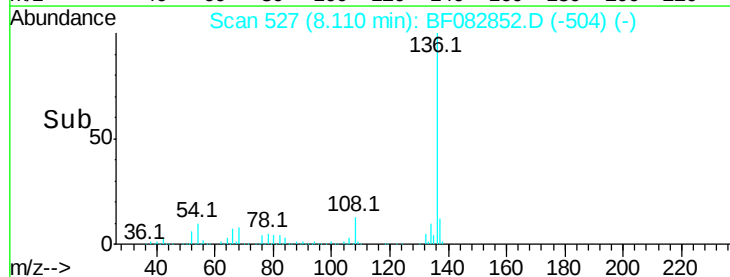
137 11.6 9.1 13.7

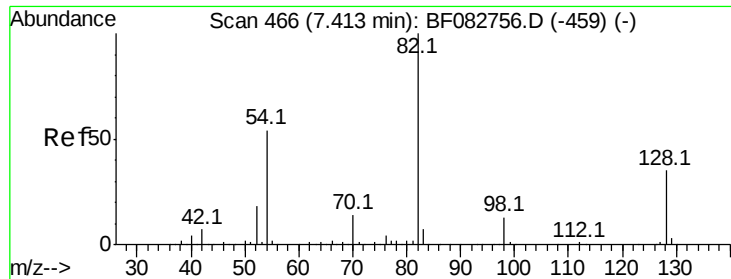
54 10.5 9.1 13.7

68 7.5 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

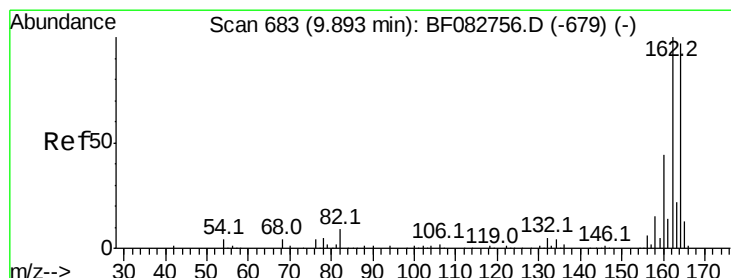
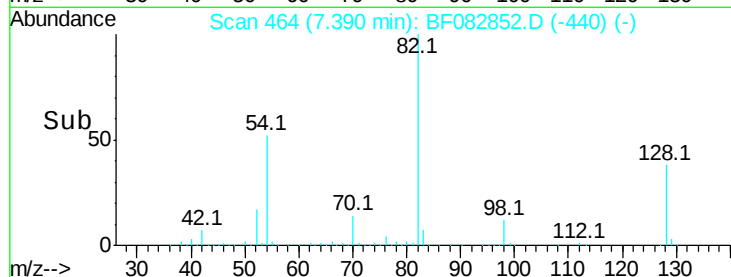
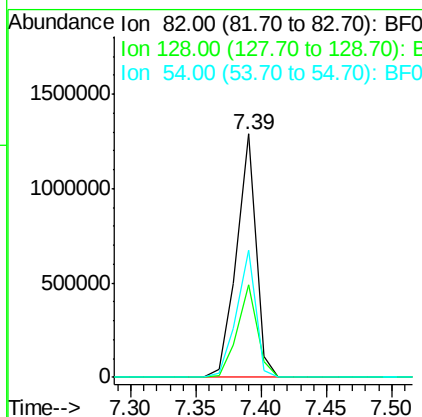
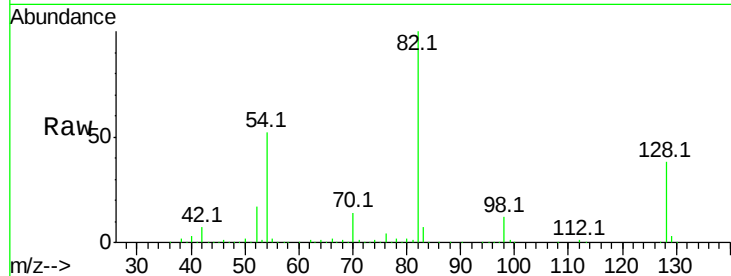




#23  
Nitrobenzene-d5  
Concen: 61.90 ng  
RT: 7.39 min Scan# 464  
Delta R.T. -0.02 min  
Lab File: BF082852.D  
Acq: 10 Nov 2015 4:15

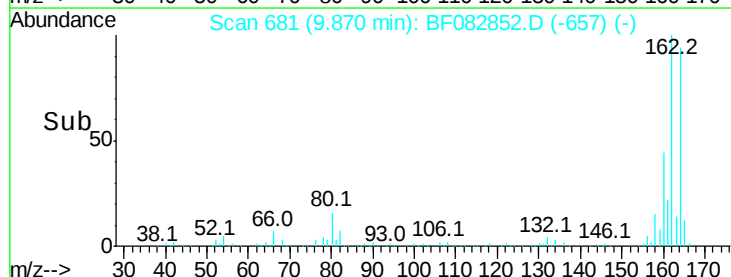
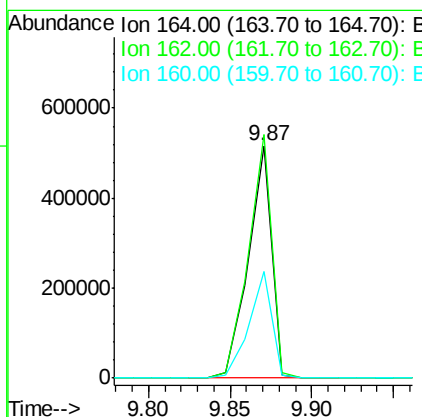
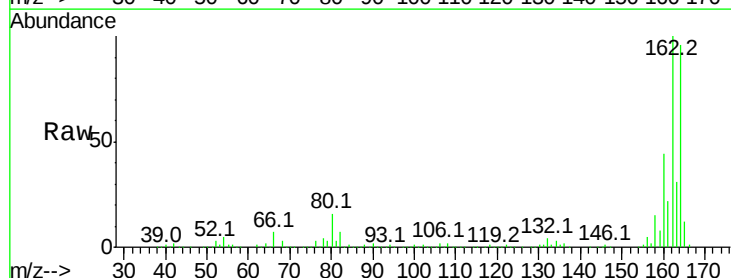
Instrument :  
BNA\_F  
ClientSampleId :  
T-2C

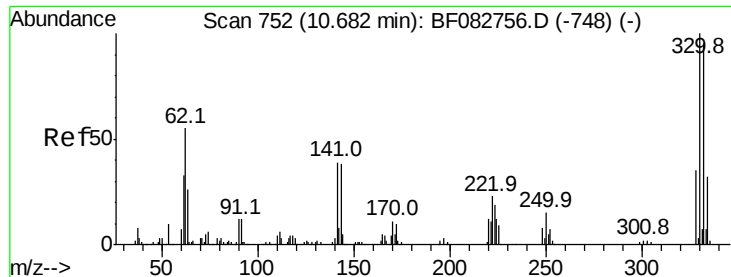
Tot Ion: 82 Resp: 1333852  
Ion Ratio Lower Upper  
82 100  
128 38.1 26.8 40.2  
54 52.4 45.7 68.5



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.87 min Scan# 681  
Delta R.T. -0.02 min  
Lab File: BF082852.D  
Acq: 10 Nov 2015 4:15

Tgt Ion: 164 Resp: 509515  
Ion Ratio Lower Upper  
164 100  
162 104.6 84.9 127.3  
160 45.7 37.5 56.3

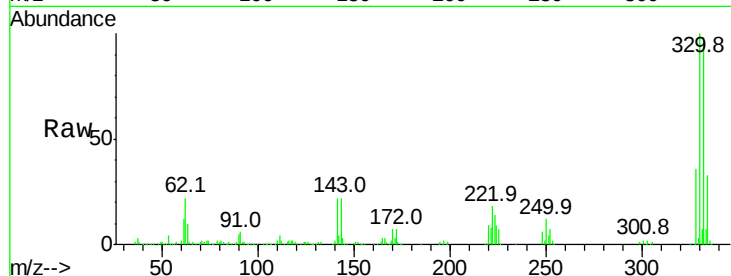




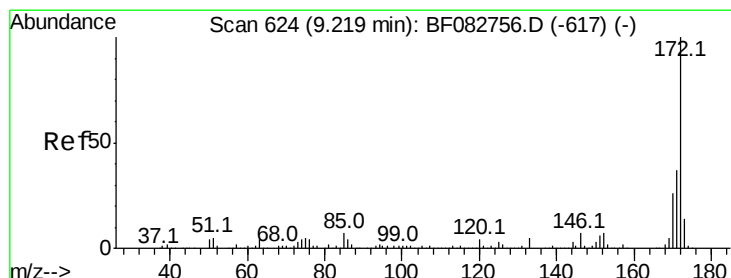
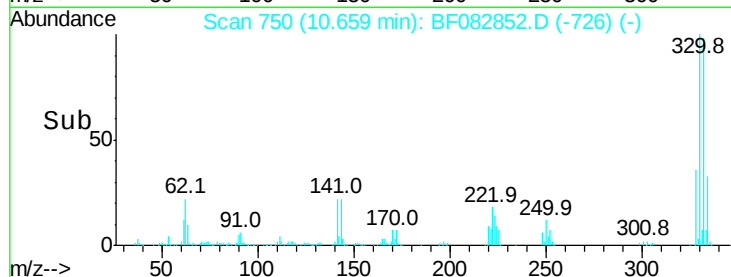
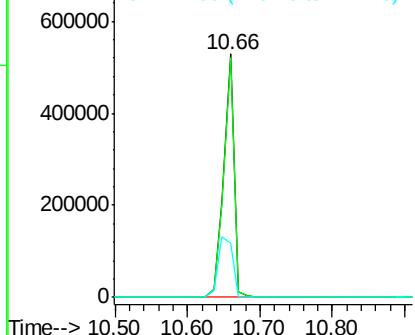
#41  
 2,4,6-Tribromophenol  
 Concen: 90.70 ng  
 RT: 10.66 min Scan# 750  
 Delta R.T. -0.02 min  
 Lab File: BF082852.D  
 Acq: 10 Nov 2015 4:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 T-2C

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.5  | 76.6  | 114.8 |
| 141     | 35.3  | 41.2  | 61.8# |

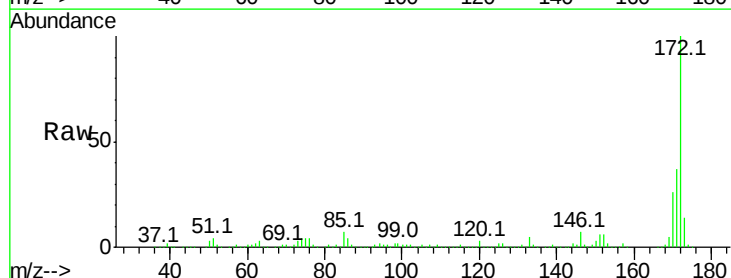


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

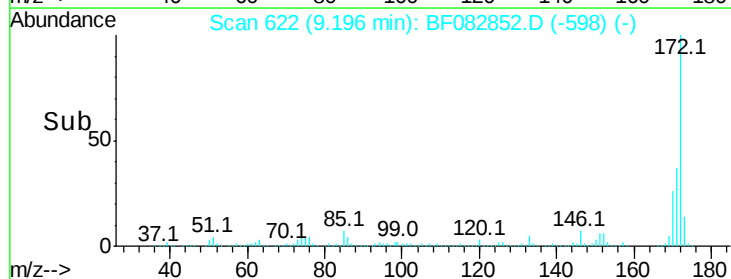
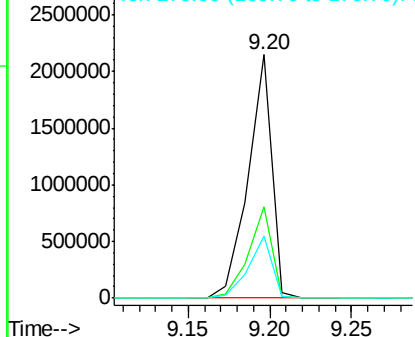


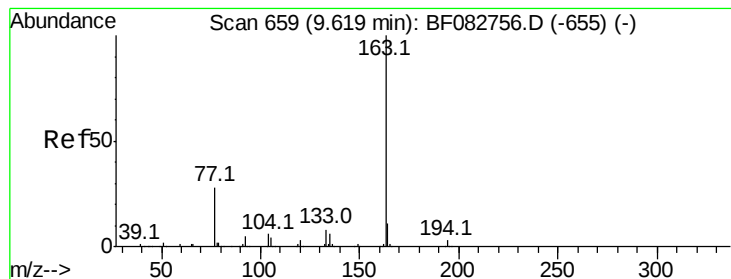
#44  
 2-Fluorobiphenyl  
 Concen: 60.64 ng  
 RT: 9.20 min Scan# 622  
 Delta R.T. -0.02 min  
 Lab File: BF082852.D  
 Acq: 10 Nov 2015 4:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.3  | 30.8  | 46.2  |
| 170     | 25.6  | 21.2  | 31.8  |



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: 13.90 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.03 min

Lab File: BF082852.D

Acq: 10 Nov 2015 4:15

Instrument :

BNA\_F

ClientSampleId :

T-2C

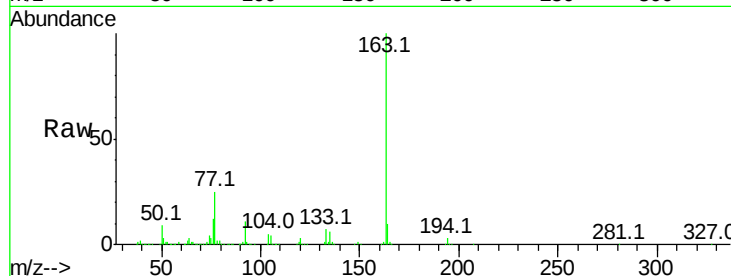
Tot Ion:163 Resp: 580237

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

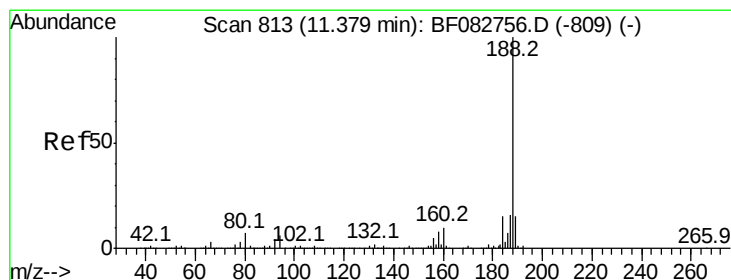
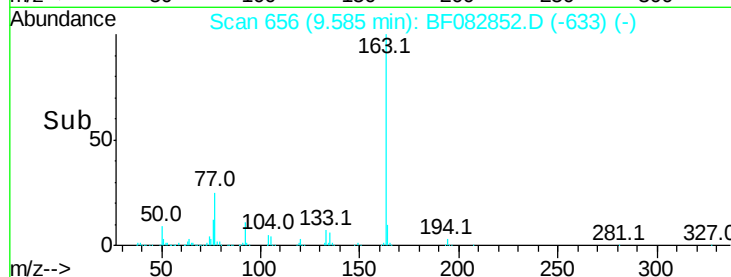
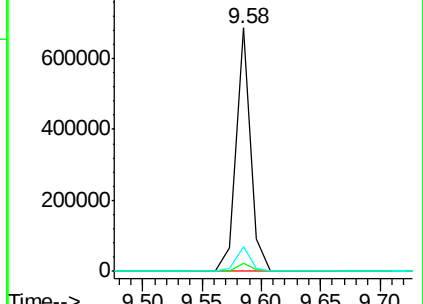
164 10.2 8.7 13.1



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: 11.34 min Scan# 810

Delta R.T. -0.03 min

Lab File: BF082852.D

Acq: 10 Nov 2015 4:15

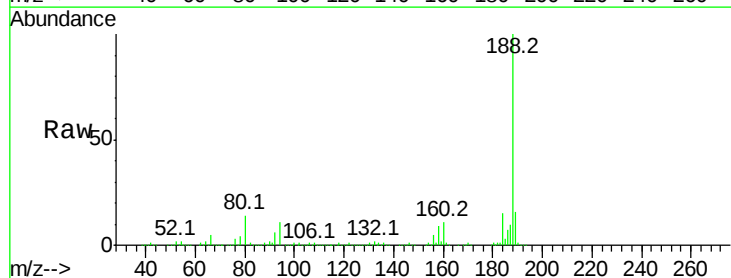
Tgt Ion:188 Resp: 847093

Ion Ratio Lower Upper

188 100

94 11.5 6.1 9.1#

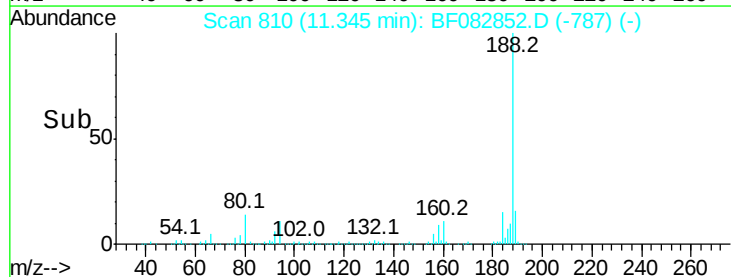
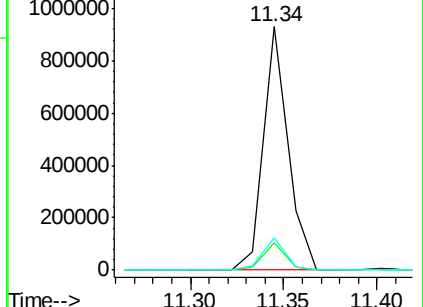
80 13.5 7.0 10.6#

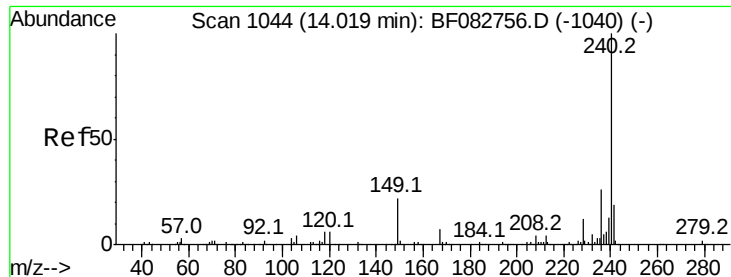


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF082852.D

Acq: 10 Nov 2015 4:15

Instrument :

BNA\_F

ClientSampled :

T-2C

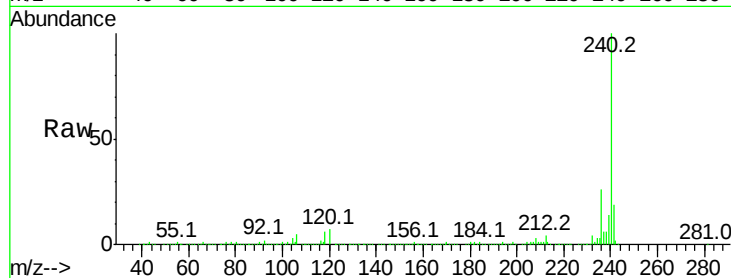
Tot Ion:240 Resp: 81530

Ion Ratio Lower Upper

240 100

120 6.9 10.9 16.3#

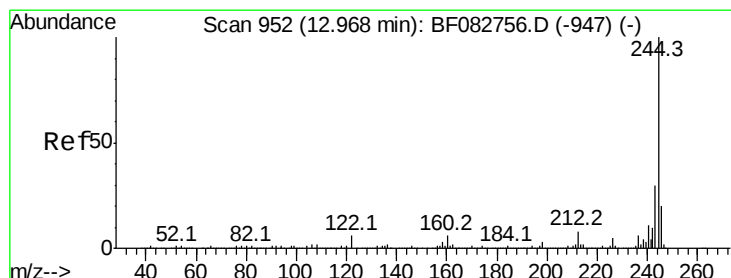
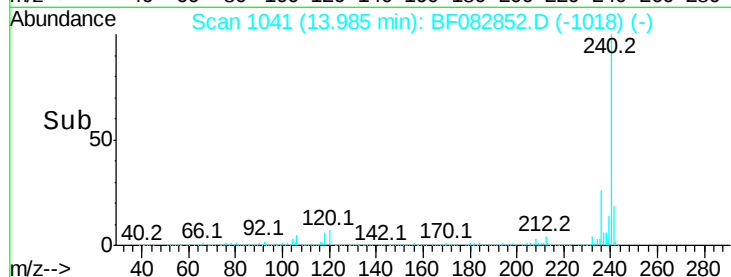
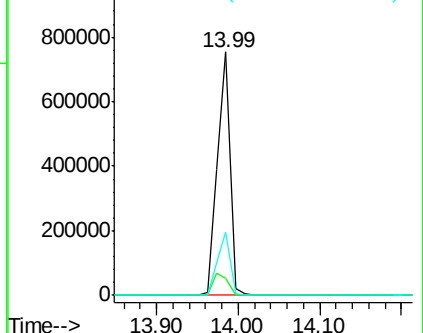
236 26.0 21.6 32.4



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: 49.58 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.03 min

Lab File: BF082852.D

Acq: 10 Nov 2015 4:15

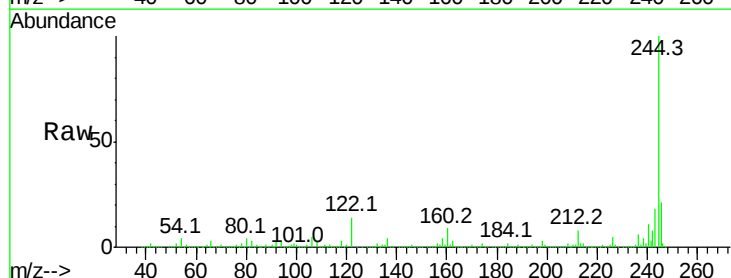
Tgt Ion:244 Resp: 1704787

Ion Ratio Lower Upper

244 100

212 8.2 7.6 11.4

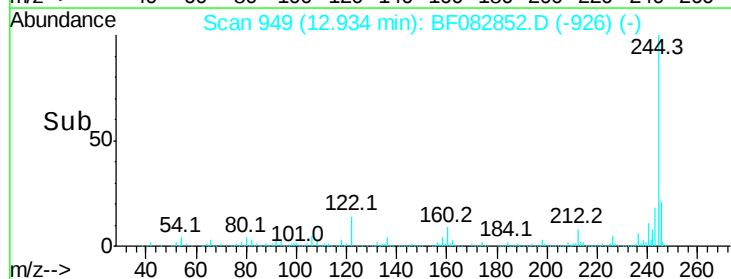
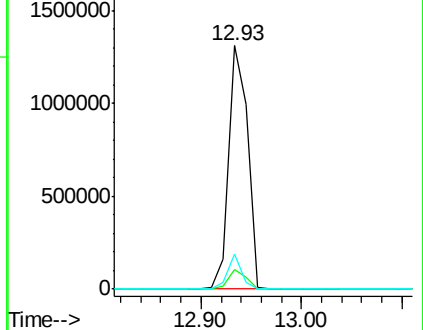
122 14.1 11.3 16.9

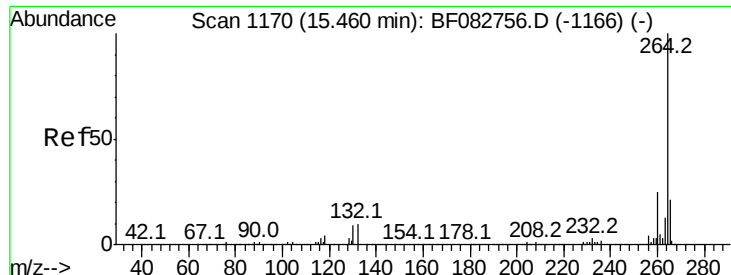


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

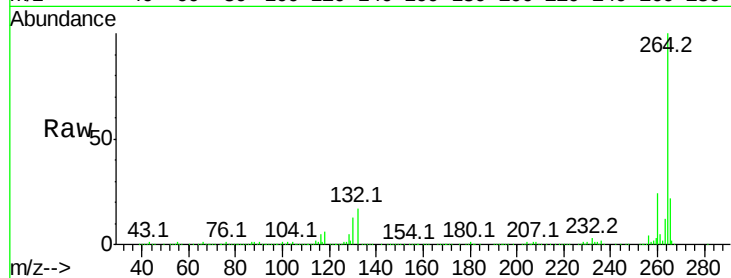




#86  
 Pervlene-d12  
 Concen: 20.00 ng  
 RT: 15.40 min Scan# 1165  
 Delta R.T. -0.06 min  
 Lab File: BF082852.D  
 Acq: 10 Nov 2015 4:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 T-2C

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 264   | Resp: | 630017 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 24.1  | 19.8  | 29.6   |
| 265      | 22.0  | 17.4  | 26.0   |



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

