

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF031815\  
 Data File : BF077799.D  
 Acq On : 18 Mar 2015 14:07  
 Operator : TP/IZ  
 Sample : G1544-02  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-8(10-12)

Quant Time: Mar 19 00:48:54 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF031115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 13 14:04:45 2015  
 Response via : Initial Calibration

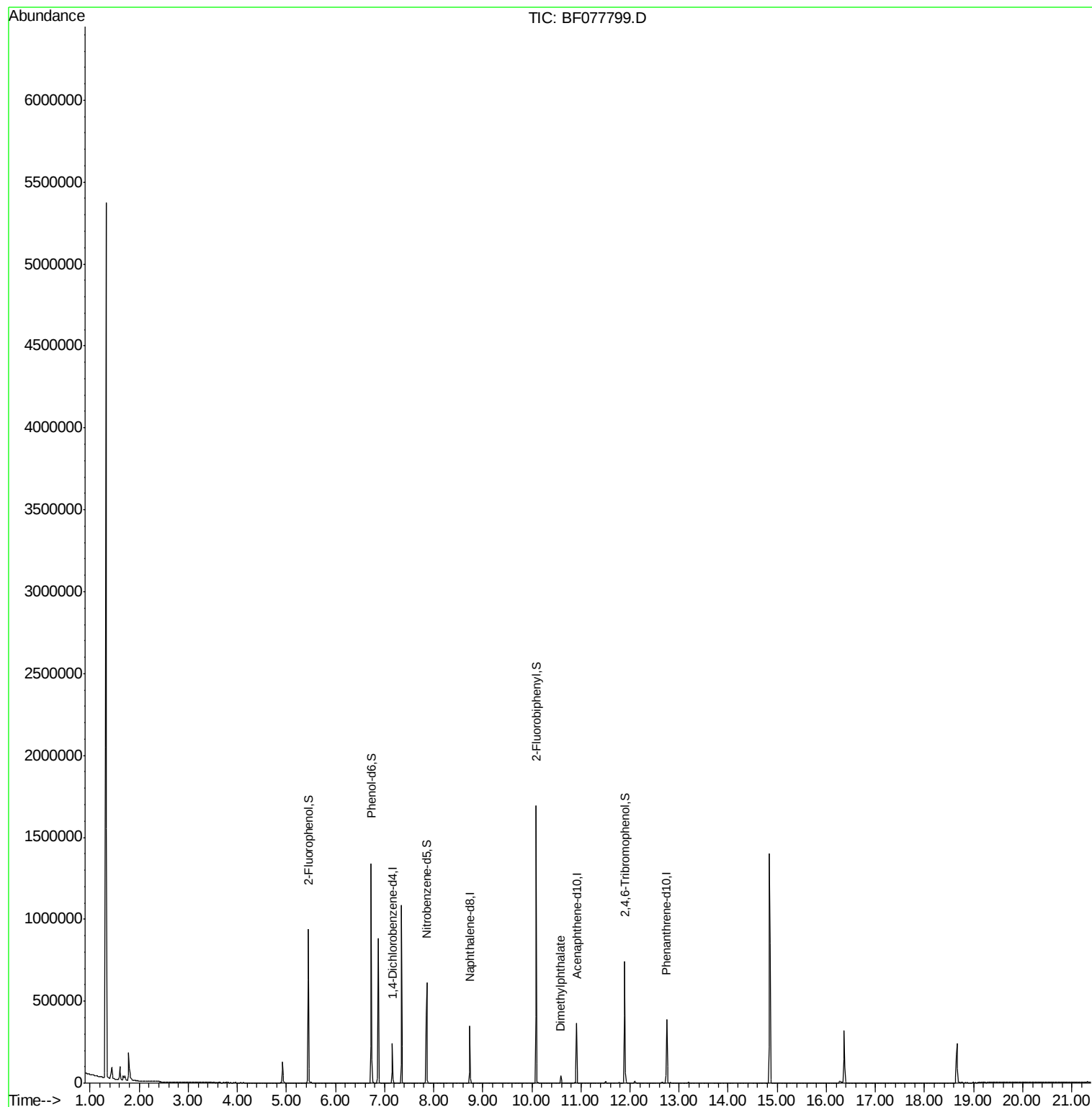
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)      |
|-----------------------------|-------|------|----------|--------|-------|---------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.16  | 152  | 40349    | 20.00  | ng    | -0.01         |
| 21) Naphthalene-d8          | 8.74  | 136  | 160316   | 20.00  | ng    | -0.01         |
| 38) Acenaphthene-d10        | 10.91 | 164  | 77825    | 20.00  | ng    | 0.00          |
| 63) Phenanthrene-d10        | 12.75 | 188  | 153045   | 20.00  | ng    | 0.00          |
| 75) Chrysene-d12            | 0.00  | 240  | 0        | 0.00   | ng    | -16.03        |
| 86) Perylene-d12            | 0.00  | 264  | 0        | 0.00   | ng    | -17.79        |
| System Monitoring Compounds |       |      |          |        |       |               |
| 5) 2-Fluorophenol           | 5.45  | 112  | 359919   | 155.70 | ng    | -0.01         |
| 7) Phenol-d6                | 6.73  | 99   | 450113   | 157.60 | ng    | -0.01         |
| 23) Nitrobenzene-d5         | 7.86  | 82   | 256084   | 104.71 | ng    | 0.00          |
| 41) 2,4,6-Tribromophenol    | 11.89 | 330  | 103874   | 139.50 | ng    | 0.00          |
| 44) 2-Fluorobiphenyl        | 10.09 | 172  | 542314   | 102.41 | ng    | 0.00          |
| 78) Terphenyl-d14           | 0.00  | 244  | 0        | 0.00   | ng    |               |
| Target Compounds            |       |      |          |        |       |               |
| 49) Dimethylphthalate       | 10.59 | 163  | 22501    | 3.90   | ng    | Qvalue<br>100 |

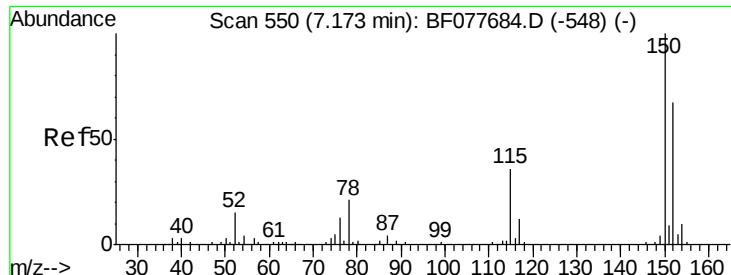
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF031115.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Mar 13 14:04:45 2015  
Response via : Initial Calibration

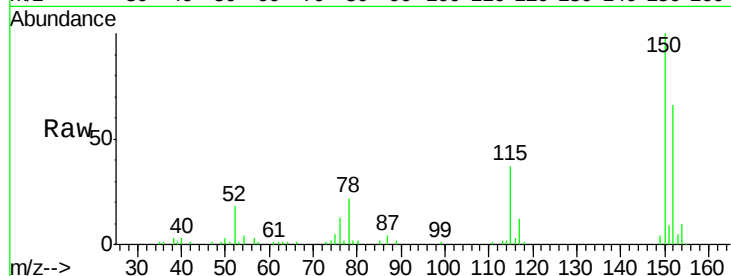




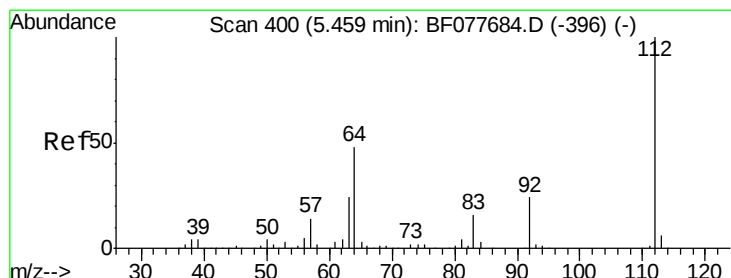
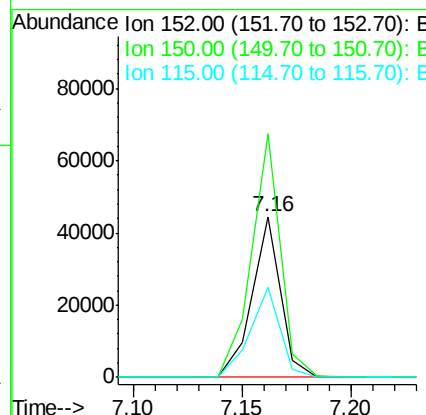
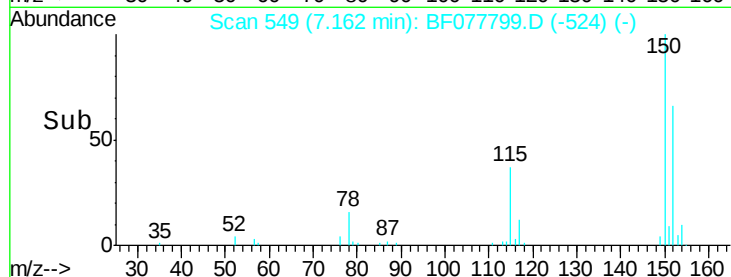
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 7.16 min Scan# 549  
 Delta R.T. -0.01 min  
 Lab File: BF077799.D  
 Acq: 18 Mar 2015 14:07

Instrument :  
 BNA\_F  
 ClientSampled :  
 SB-8(10-12)

Tgt Ion:152 Resp: 40349  
 Ion Ratio Lower Upper  
 152 100  
 150 151.2 119.5 179.3  
 115 56.3 43.0 64.4

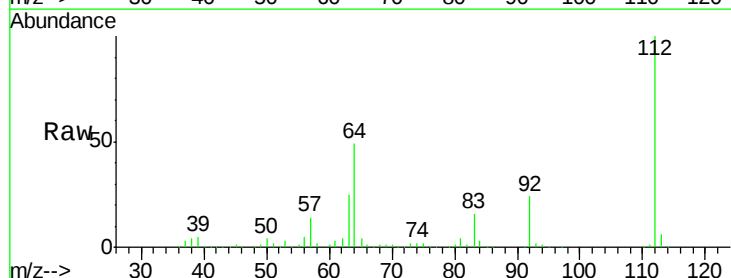


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

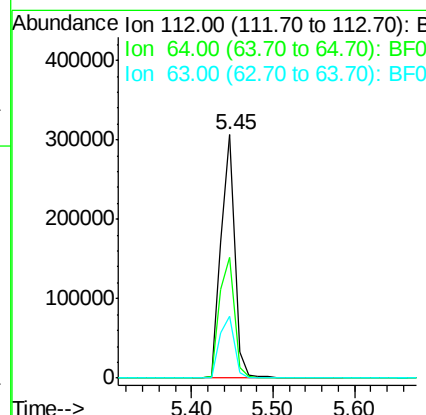
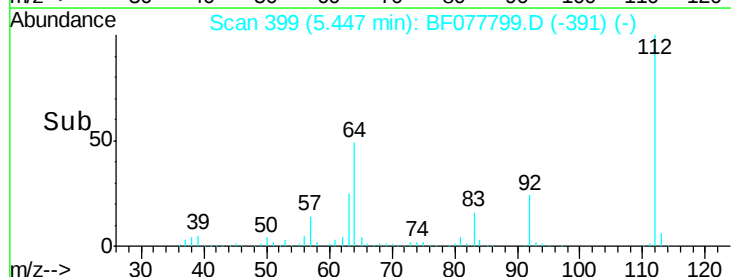


#5  
 2-Fluorophenol  
 Concen: 155.70 ng  
 RT: 5.45 min Scan# 399  
 Delta R.T. -0.01 min  
 Lab File: BF077799.D  
 Acq: 18 Mar 2015 14:07

Tgt Ion:112 Resp: 359919  
 Ion Ratio Lower Upper  
 112 100  
 64 49.5 38.6 57.8  
 63 25.4 19.3 28.9



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: 157.60 ng

RT: 6.73 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF077799.D

Acq: 18 Mar 2015 14:07

Instrument :

BNA\_F

ClientSampleId :

SB-8(10-12)

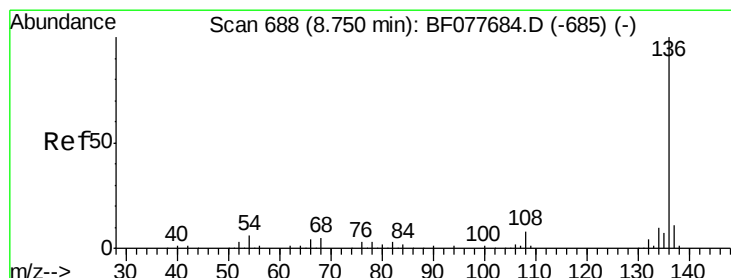
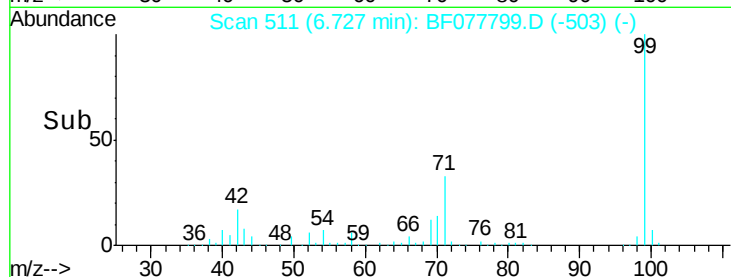
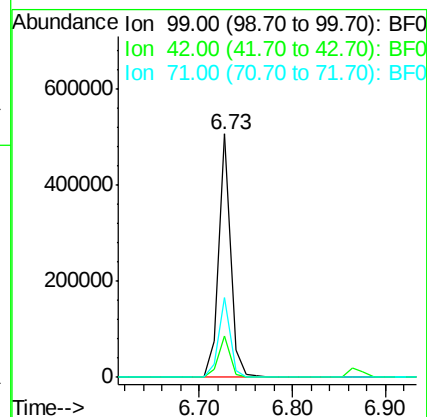
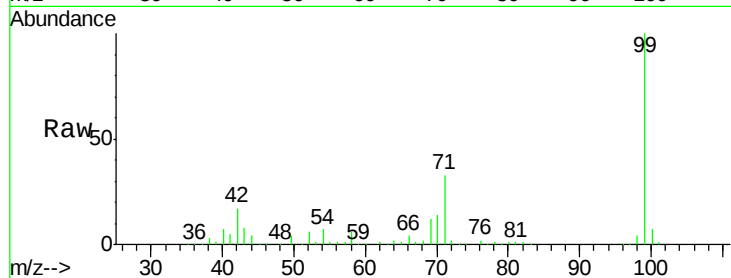
Tgt Ion: 99 Resp: 450113

Ion Ratio Lower Upper

99 100

42 16.8 11.0 16.4#

71 32.6 23.4 35.2



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.74 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF077799.D

Acq: 18 Mar 2015 14:07

Tgt Ion: 136 Resp: 160316

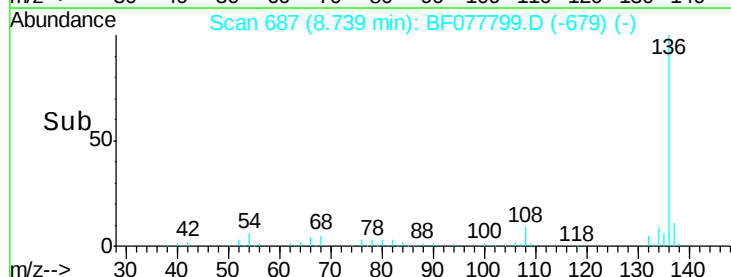
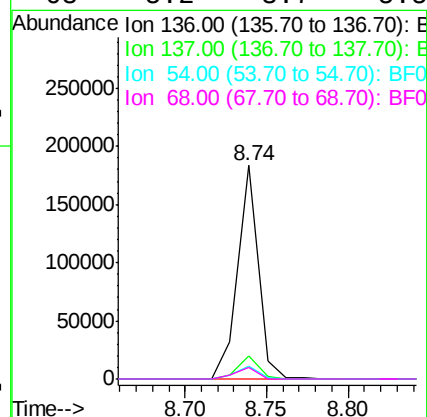
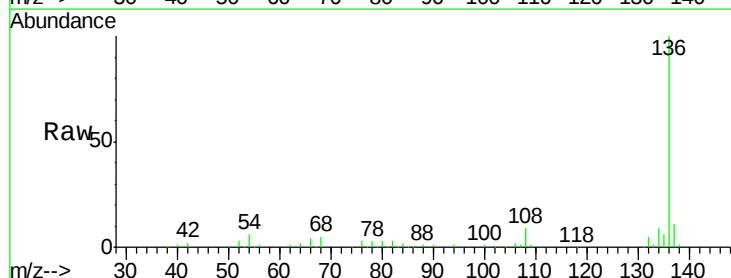
Ion Ratio Lower Upper

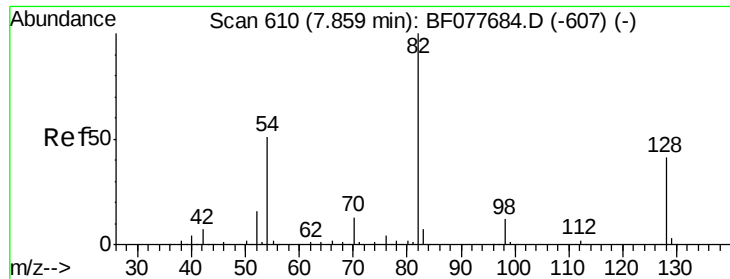
136 100

137 10.9 8.7 13.1

54 6.2 4.6 6.8

68 5.2 3.7 5.5

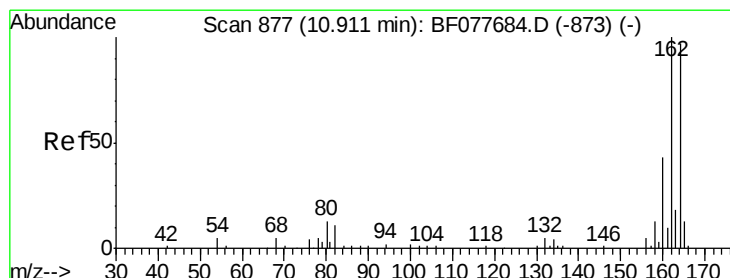
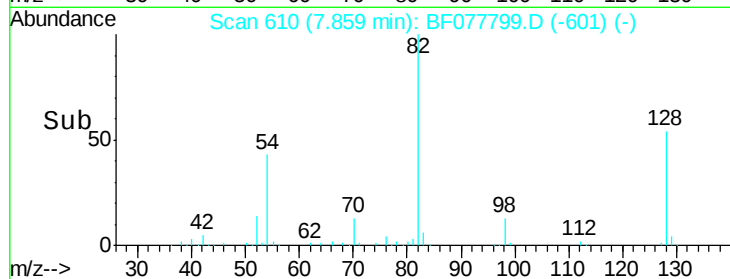
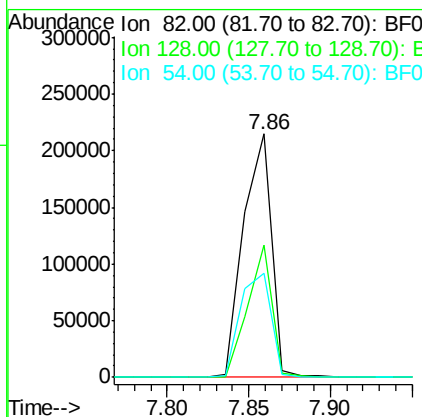
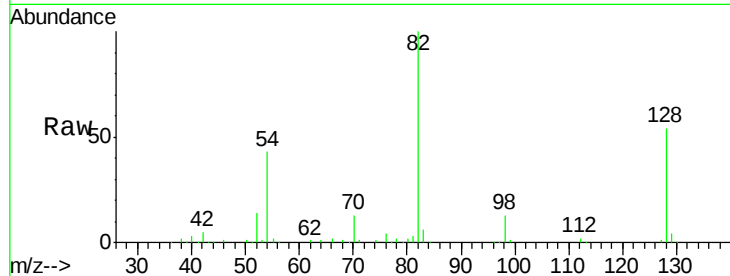




#23  
 Nitrobenzene-d5  
 Concen: 104.71 ng  
 RT: 7.86 min Scan# 610  
 Delta R.T. -0.00 min  
 Lab File: BF077799.D  
 Acq: 18 Mar 2015 14:07

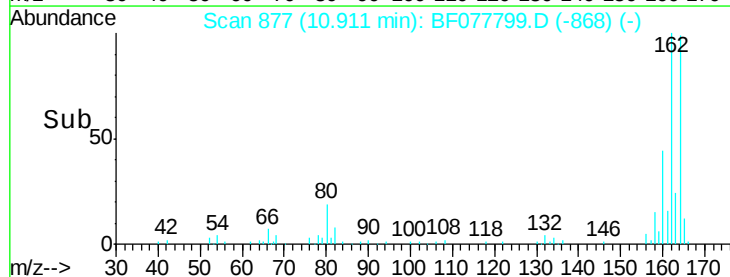
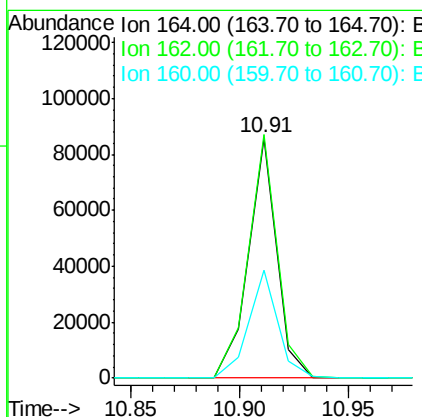
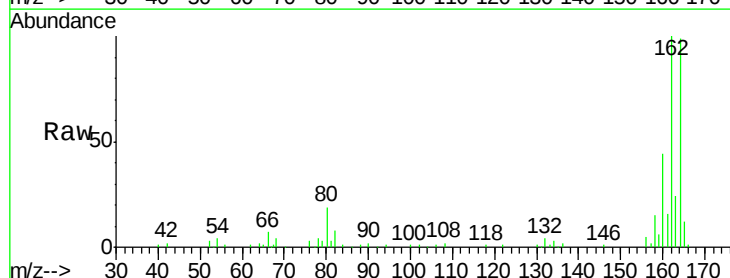
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-8(10-12)

Tgt Ion: 82 Resp: 256084  
 Ion Ratio Lower Upper  
 82 100  
 128 54.5 32.8 49.2#  
 54 42.7 40.6 60.8



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 10.91 min Scan# 877  
 Delta R.T. -0.00 min  
 Lab File: BF077799.D  
 Acq: 18 Mar 2015 14:07

Tgt Ion: 164 Resp: 77825  
 Ion Ratio Lower Upper  
 164 100  
 162 101.5 82.4 123.6  
 160 44.9 35.8 53.6

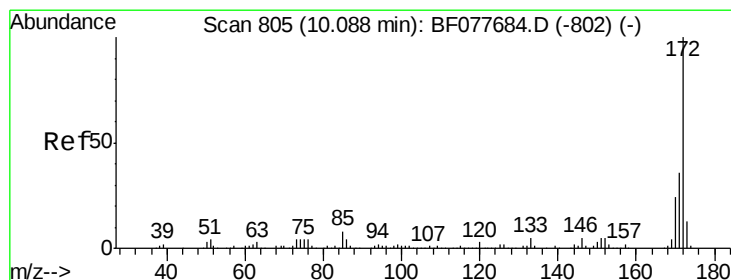
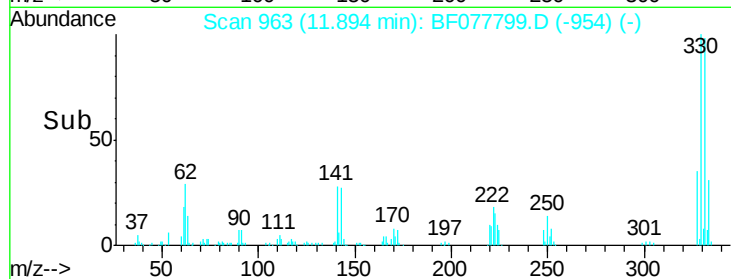
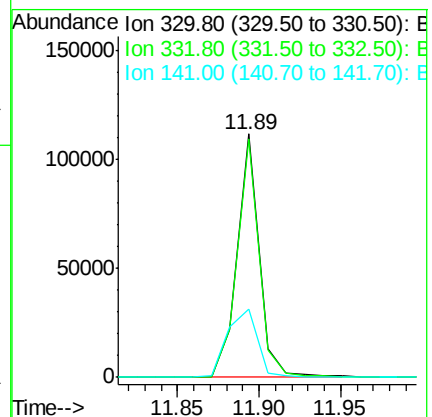
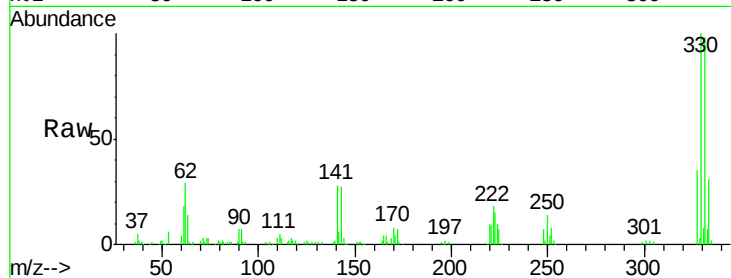




#41  
 2,4,6-Tribromophenol  
 Concen: 139.50 ng  
 RT: 11.89 min Scan# 963  
 Delta R.T. -0.00 min  
 Lab File: BF077799.D  
 Acq: 18 Mar 2015 14:07

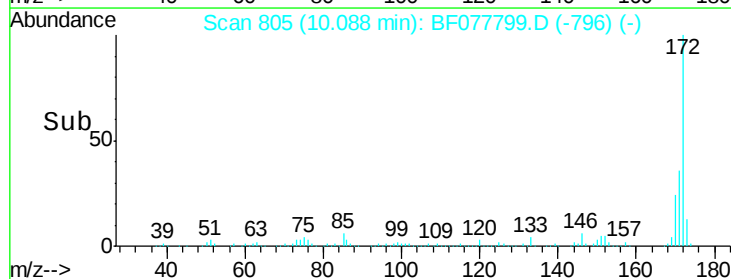
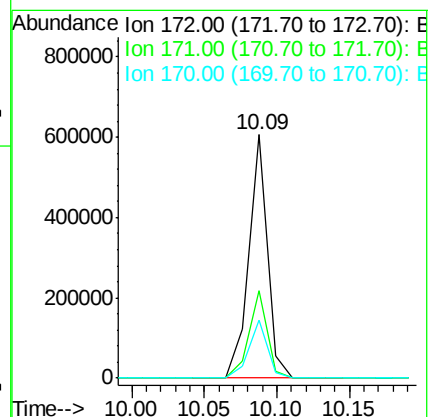
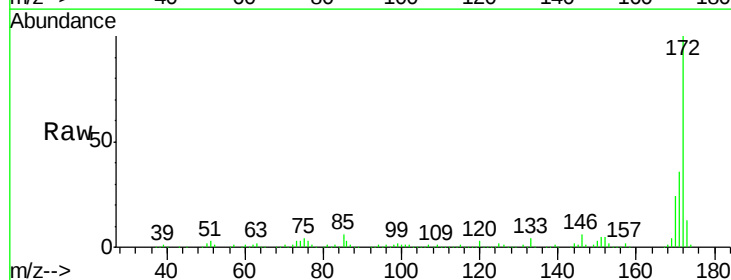
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-8(10-12)

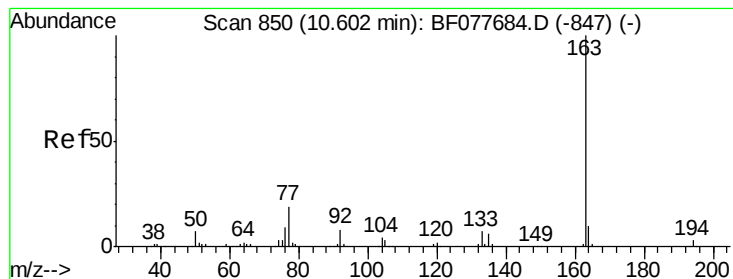
Tgt Ion:330 Resp: 103874  
 Ion Ratio Lower Upper  
 330 100  
 332 98.0 0.0 0.0#  
 141 39.0 0.0 0.0#



#44  
 2-Fluorobiphenyl  
 Concen: 102.41 ng  
 RT: 10.09 min Scan# 805  
 Delta R.T. -0.00 min  
 Lab File: BF077799.D  
 Acq: 18 Mar 2015 14:07

Tgt Ion:172 Resp: 542314  
 Ion Ratio Lower Upper  
 172 100  
 171 35.7 28.5 42.7  
 170 23.9 18.8 28.2





#49

Dimethylphthalate

Concen: 3.90 ng

RT: 10.59 min Scan# 849

Delta R.T. -0.01 min

Lab File: BF077799.D

Acq: 18 Mar 2015 14:07

Instrument :

BNA\_F

ClientSampleId :

SB-8(10-12)

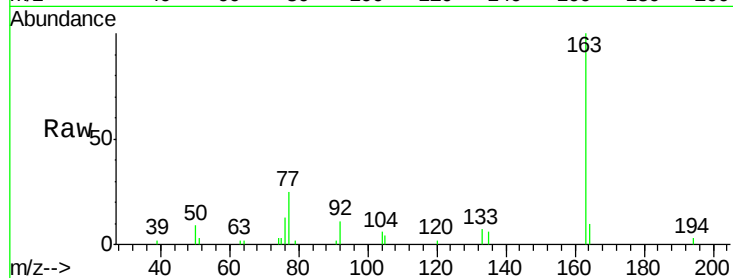
Tgt Ion:163 Resp: 22501

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

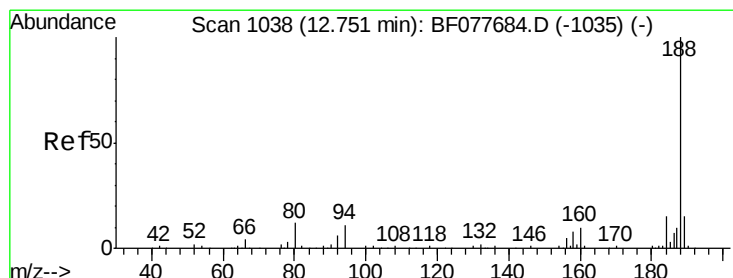
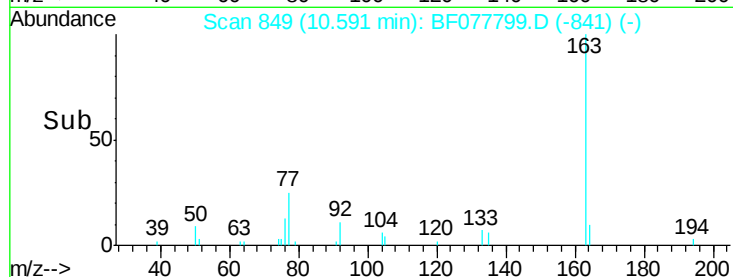
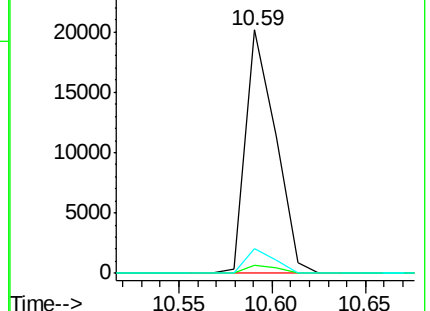
164 10.3 8.2 12.2



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: 12.75 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF077799.D

Acq: 18 Mar 2015 14:07

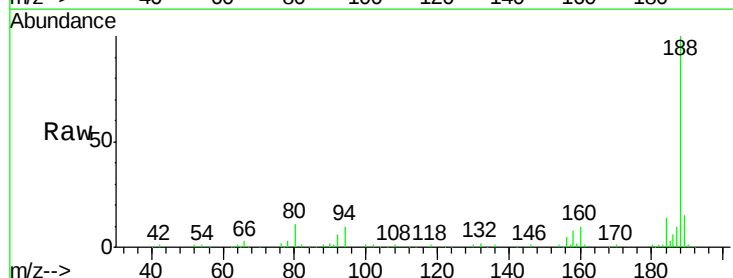
Tgt Ion:188 Resp: 153045

Ion Ratio Lower Upper

188 100

94 10.3 8.7 13.1

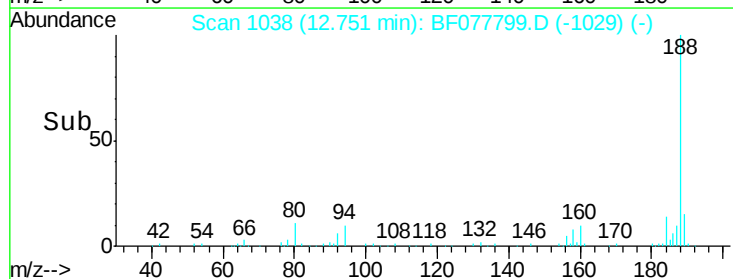
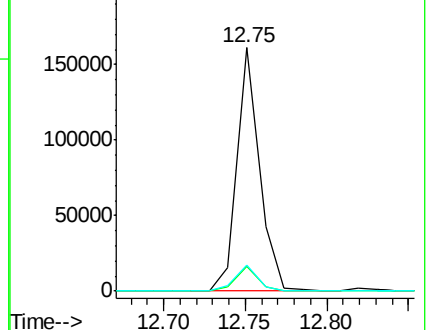
80 10.7 9.3 13.9

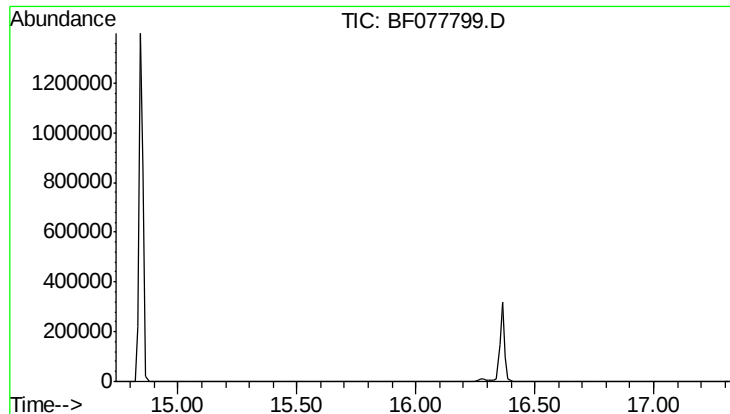


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

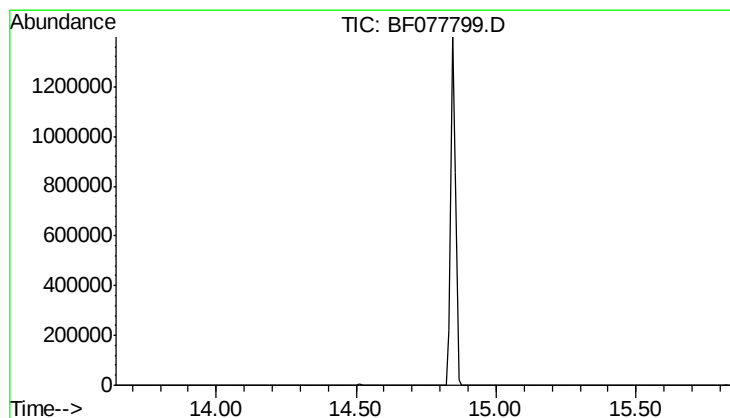
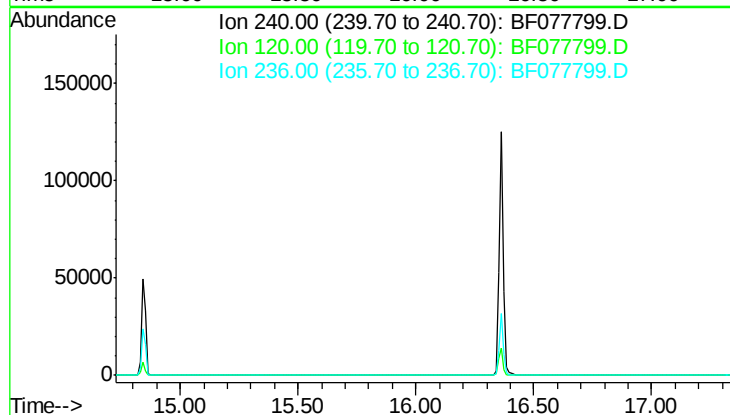




#75  
 Chrysene-d12  
 Concen: 0.00 ng  
 Expected RT: 16.03 min  
 Lab File: BF077799.D  
 Acq: 18 Mar 2015 14:07

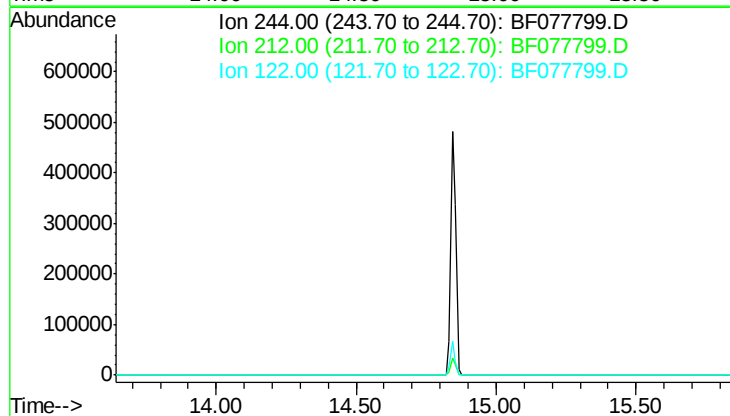
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 SB-8(10-12)

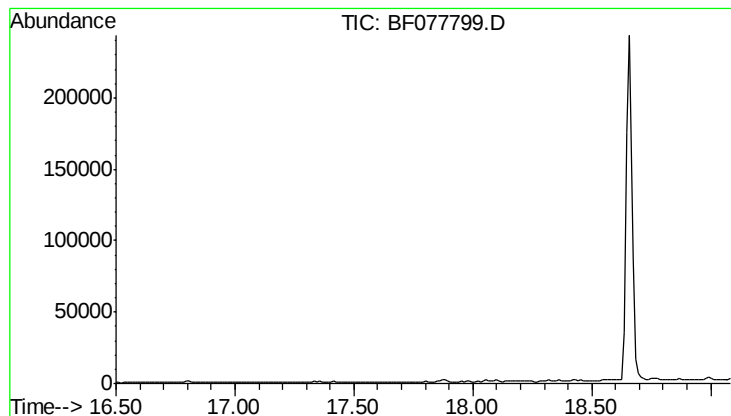
Tgt Ion: 240  
 Sig Exp Ratio  
 240 100  
 120 10.2  
 236 25.0



#78  
 Terphenyl-d14  
 Concen: 0.00 ng  
 Expected RT: 14.74 min  
 Lab File: BF077799.D  
 Acq: 18 Mar 2015 14:07

Tgt Ion: 244  
 Sig Exp Ratio  
 244 100  
 212 6.1  
 122 7.8





#86  
Perylene-d12  
Concen: 0.00 ng  
Expected RT: 17.79 min  
Lab File: BF077799.D  
Acq: 18 Mar 2015 14:07

Instrument :  
BNA\_F  
ClientSampleId :  
SB-8(10-12)

Tgt Ion: 264  
Sig Exp Ratio  
264 100  
260 23.2  
265 21.6

