

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF061015\  
 Data File : BF079883.D  
 Acq On : 11 Jun 2015 2:02  
 Operator : TP/IZ  
 Sample : G2574-02  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 S3

Quant Time: Jun 11 03:34:50 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF060915.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 11 00:53:15 2015  
 Response via : Initial Calibration

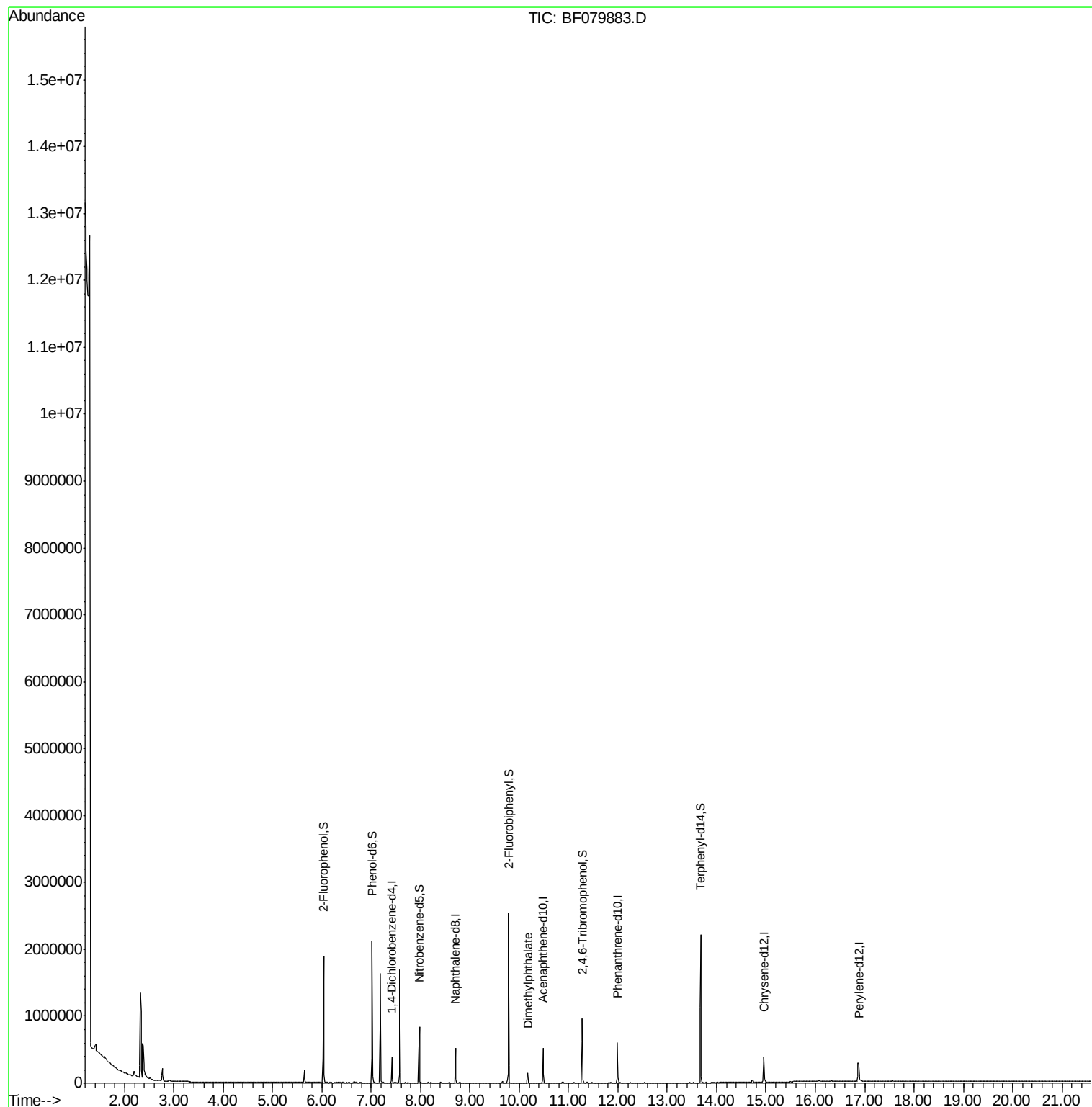
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|-------|------|----------|--------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.42  | 152  | 50381    | 20.00  | ng    | 0.00         |
| 21) Naphthalene-d8          | 8.71  | 136  | 200724   | 20.00  | ng    | 0.00         |
| 38) Acenaphthene-d10        | 10.48 | 164  | 102064   | 20.00  | ng    | -0.01        |
| 63) Phenanthrene-d10        | 11.99 | 188  | 208617   | 20.00  | ng    | -0.01        |
| 75) Chrysene-d12            | 14.96 | 240  | 210095   | 20.00  | ng    | -0.11        |
| 86) Perylene-d12            | 16.88 | 264  | 192232   | 20.00  | ng    | -0.15        |
| System Monitoring Compounds |       |      |          |        |       |              |
| 5) 2-Fluorophenol           | 6.03  | 112  | 462761   | 151.38 | ng    | 0.00         |
| 7) Phenol-d6                | 7.02  | 99   | 632595   | 159.93 | ng    | 0.00         |
| 23) Nitrobenzene-d5         | 7.98  | 82   | 316786   | 91.17  | ng    | 0.00         |
| 41) 2,4,6-Tribromophenol    | 11.28 | 330  | 138256   | 156.53 | ng    | 0.00         |
| 44) 2-Fluorobiphenyl        | 9.78  | 172  | 694135   | 95.65  | ng    | 0.00         |
| 78) Terphenyl-d14           | 13.68 | 244  | 854729   | 91.71  | ng    | -0.06        |
| Target Compounds            |       |      |          |        |       |              |
| 49) Dimethylphthalate       | 10.17 | 163  | 60275    | 7.58   | ng    | Qvalue<br>99 |

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

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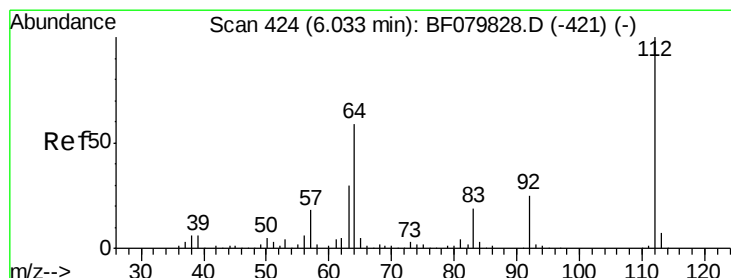
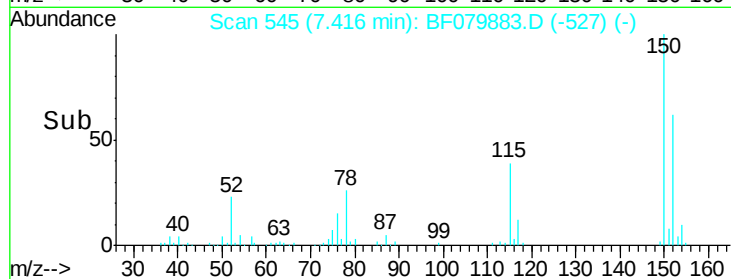
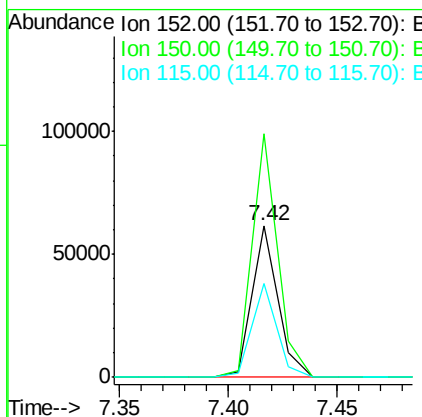
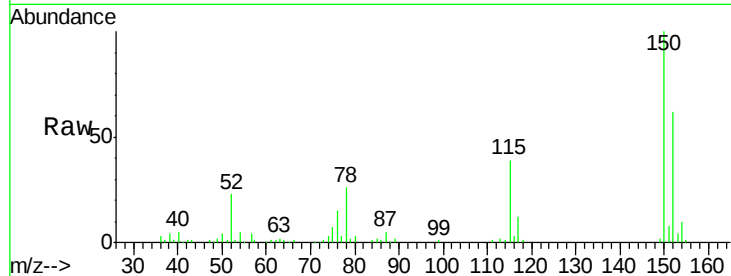




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 7.42 min Scan# 545  
 Delta R.T. 0.00 min  
 Lab File: BF079883.D  
 Acq: 11 Jun 2015 2:02

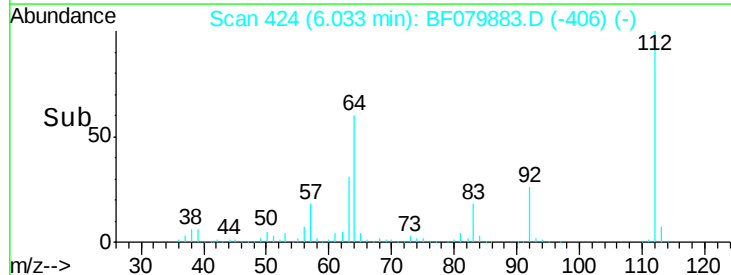
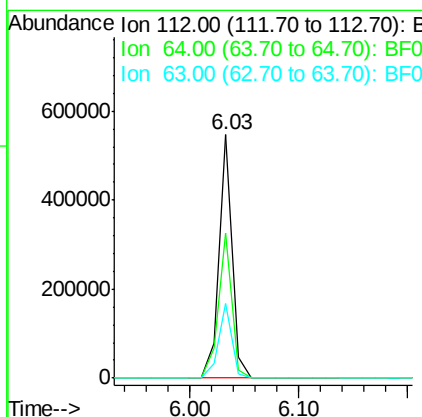
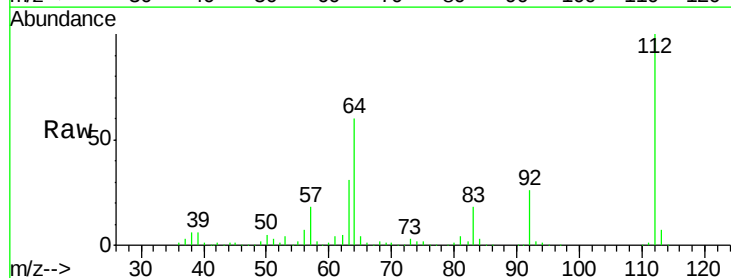
Instrument :  
 BNA\_F  
 ClientSampleId :  
 S3

Tgt Ion:152 Resp: 50381  
 Ion Ratio Lower Upper  
 152 100  
 150 160.7 131.4 197.2  
 115 62.3 56.5 84.7



#5  
 2-Fluorophenol  
 Concen: 151.38 ng  
 RT: 6.03 min Scan# 424  
 Delta R.T. 0.00 min  
 Lab File: BF079883.D  
 Acq: 11 Jun 2015 2:02

Tgt Ion:112 Resp: 462761  
 Ion Ratio Lower Upper  
 112 100  
 64 59.7 44.2 66.4  
 63 30.6 22.8 34.2





#7

Phenol-d6

Concen: 159.93 ng

RT: 7.02 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF079883.D

Acq: 11 Jun 2015 2:02

Instrument :

BNA\_F

ClientSampled :

S3

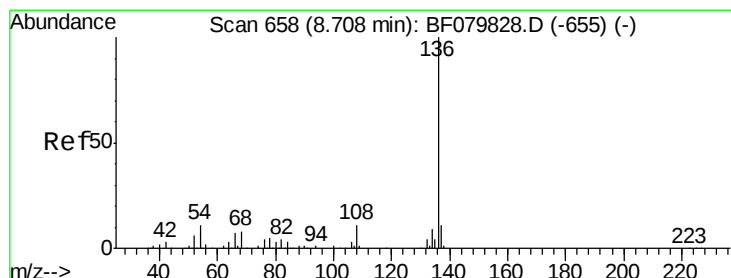
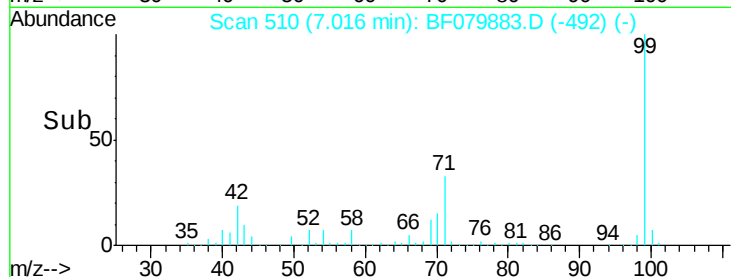
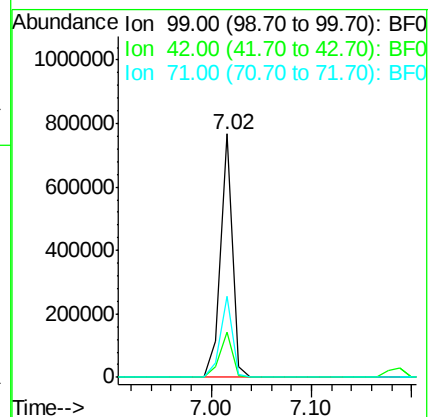
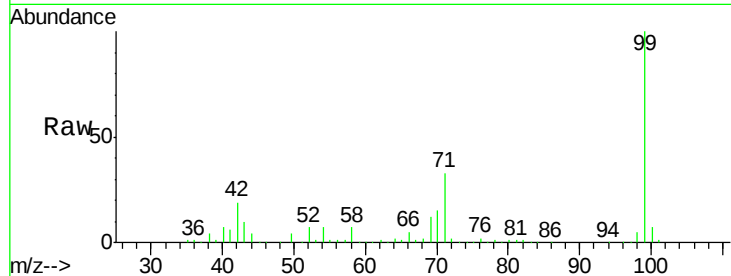
Tgt Ion: 99 Resp: 632595

Ion Ratio Lower Upper

99 100

42 18.8 13.7 20.5

71 33.2 25.1 37.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.71 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF079883.D

Acq: 11 Jun 2015 2:02

Tgt Ion: 136 Resp: 200724

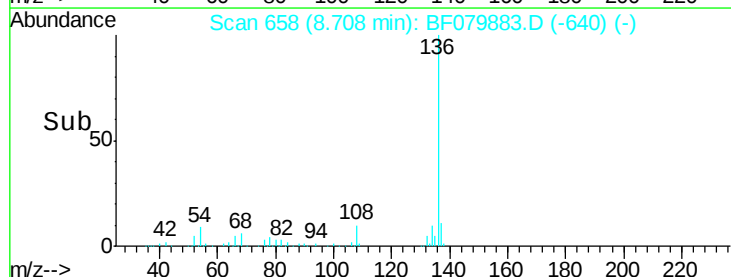
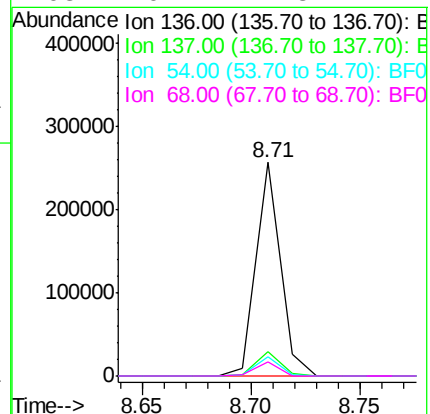
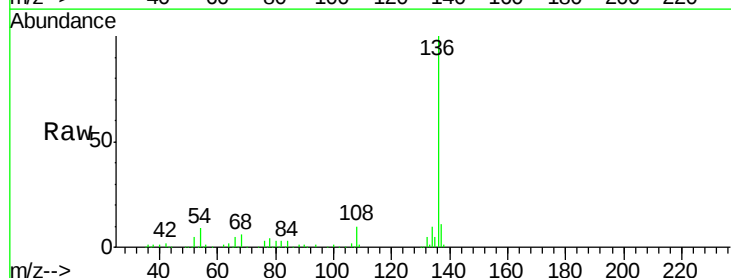
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 8.7 8.1 12.1

68 6.4 4.8 7.2

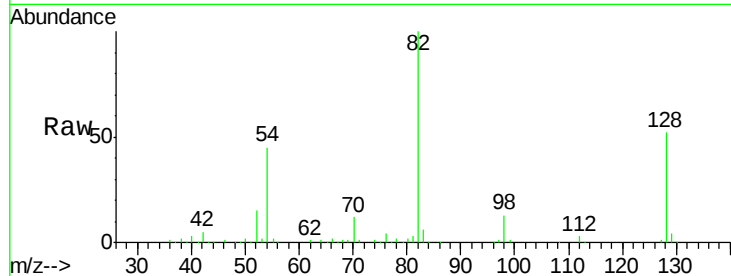




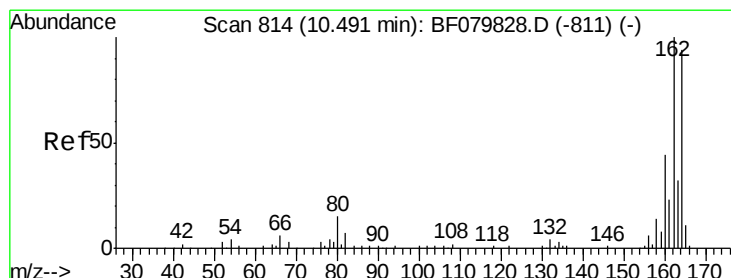
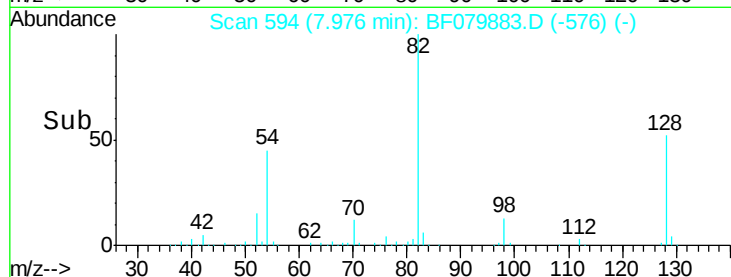
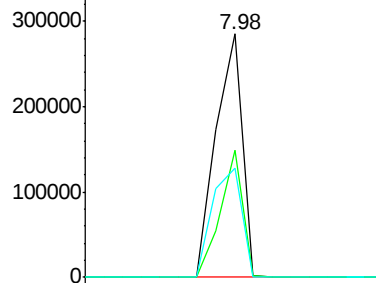
#23  
 Nitrobenzene-d5  
 Concen: 91.17 ng  
 RT: 7.98 min Scan# 594  
 Delta R.T. 0.00 min  
 Lab File: BF079883.D  
 Acq: 11 Jun 2015 2:02

Instrument :  
 BNA\_F  
 ClientSampleID :  
 S3

Tgt Ion: 82 Resp: 316786  
 Ion Ratio Lower Upper  
 82 100  
 128 52.1 35.2 52.8  
 54 44.6 39.2 58.8

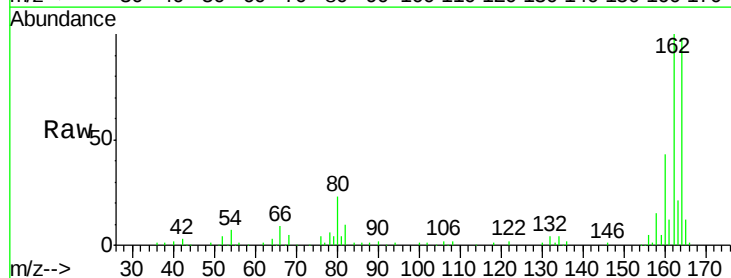


Abundance Ion 82.00 (81.70 to 82.70): BF0  
 Ion 128.00 (127.70 to 128.70): B  
 Ion 54.00 (53.70 to 54.70): BF0

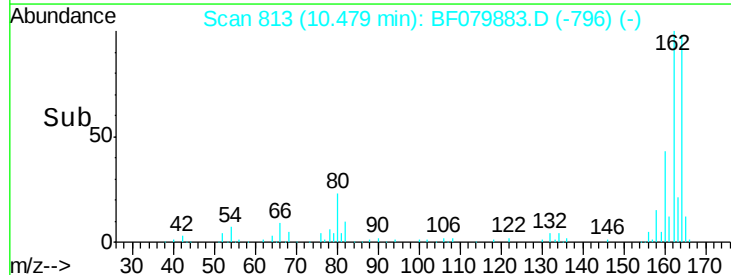
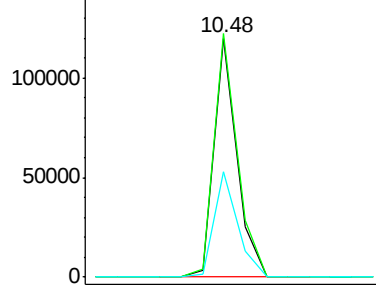


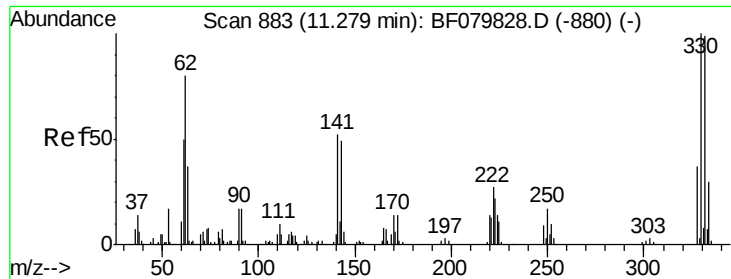
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 10.48 min Scan# 813  
 Delta R.T. -0.01 min  
 Lab File: BF079883.D  
 Acq: 11 Jun 2015 2:02

Tgt Ion: 164 Resp: 102064  
 Ion Ratio Lower Upper  
 164 100  
 162 102.0 89.8 134.8  
 160 44.0 39.6 59.4



Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E

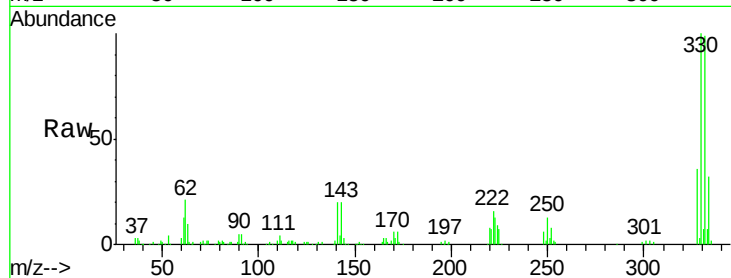




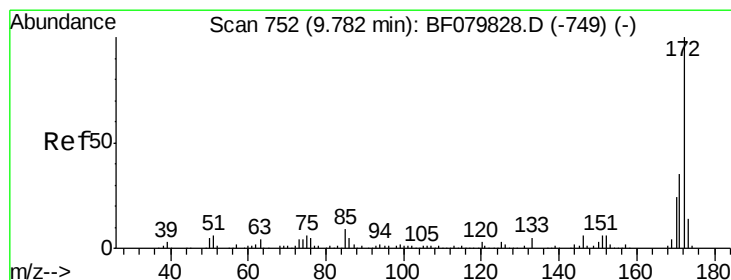
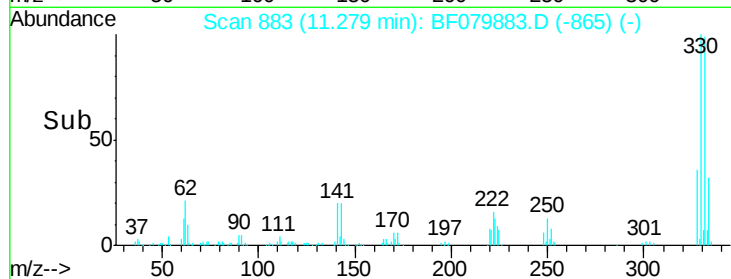
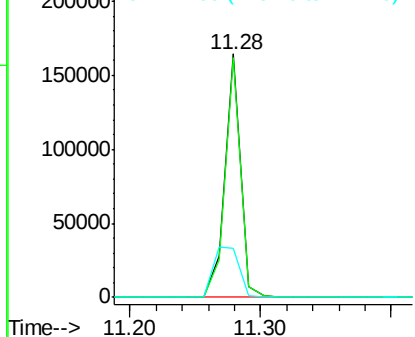
#41  
 2,4,6-Tribromophenol  
 Concen: 156.53 ng  
 RT: 11.28 min Scan# 883  
 Delta R.T. 0.00 min  
 Lab File: BF079883.D  
 Acq: 11 Jun 2015 2:02

Instrument :  
 BNA\_F  
 ClientSampled :  
 S3

Tgt Ion:330 Resp: 138256  
 Ion Ratio Lower Upper  
 330 100  
 332 98.0 76.8 115.2  
 141 33.7 29.1 43.7

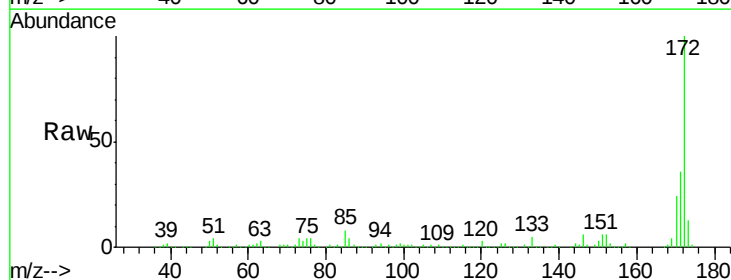


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

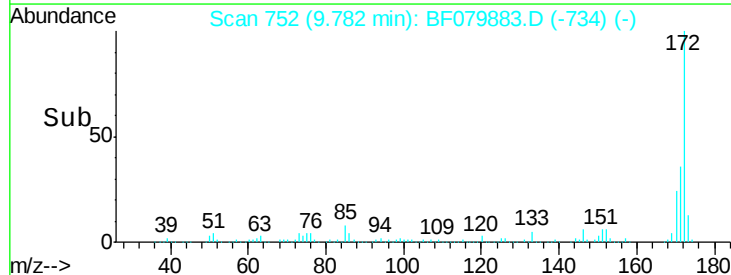
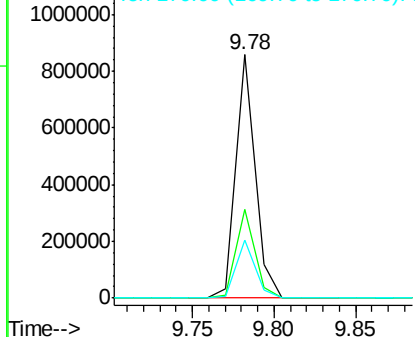


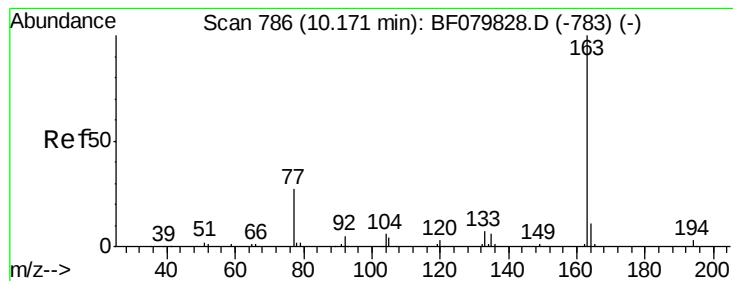
#44  
 2-Fluorobiphenyl  
 Concen: 95.65 ng  
 RT: 9.78 min Scan# 752  
 Delta R.T. 0.00 min  
 Lab File: BF079883.D  
 Acq: 11 Jun 2015 2:02

Tgt Ion:172 Resp: 694135  
 Ion Ratio Lower Upper  
 172 100  
 171 36.2 28.5 42.7  
 170 24.0 18.8 28.2



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: 7.58 ng

RT: 10.17 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF079883.D

Acq: 11 Jun 2015 2:02

Instrument :

BNA\_F

ClientSampleId :

S3

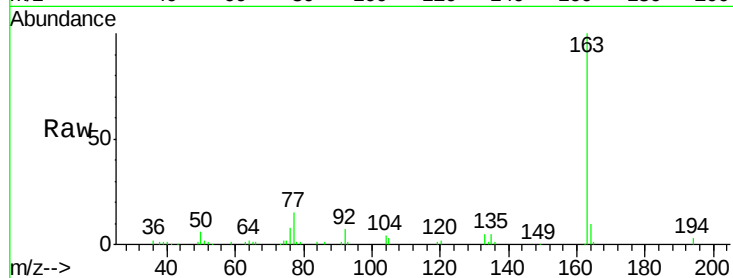
Tgt Ion:163 Resp: 60275

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

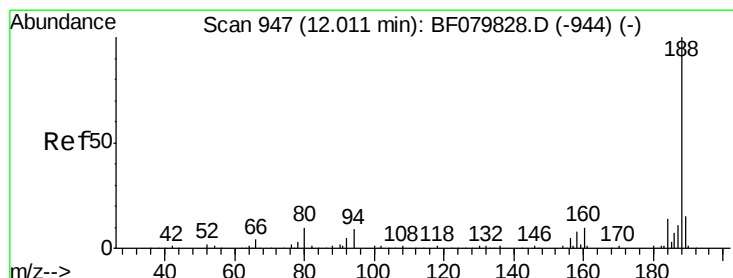
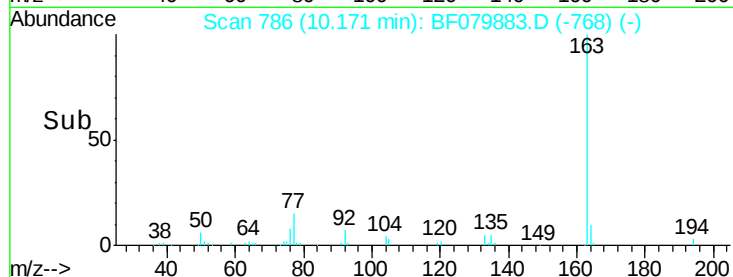
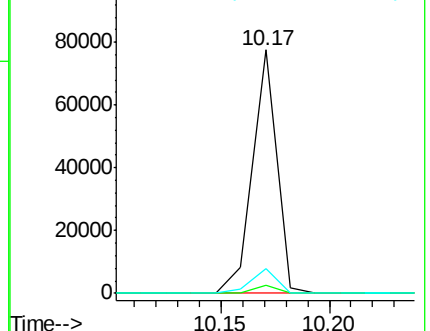
164 10.2 7.9 11.9



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: 11.99 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF079883.D

Acq: 11 Jun 2015 2:02

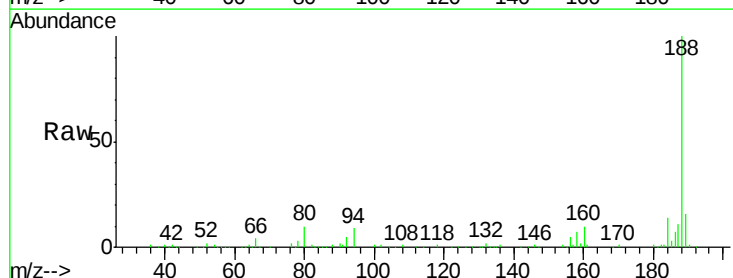
Tgt Ion:188 Resp: 208617

Ion Ratio Lower Upper

188 100

94 9.3 7.4 11.0

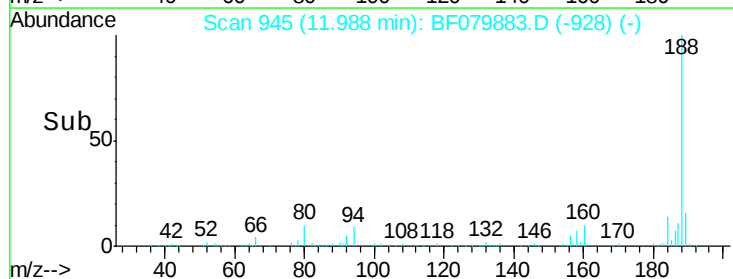
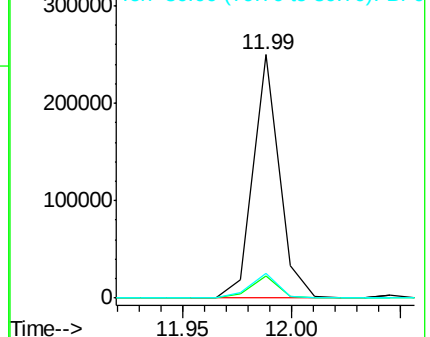
80 10.4 8.0 12.0

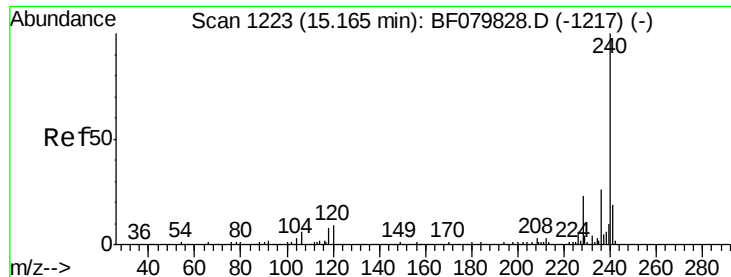


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.96 min Scan# 1205

Delta R.T. -0.11 min

Lab File: BF079883.D

Acq: 11 Jun 2015 2:02

Instrument :

BNA\_F

ClientSampleId :

S3

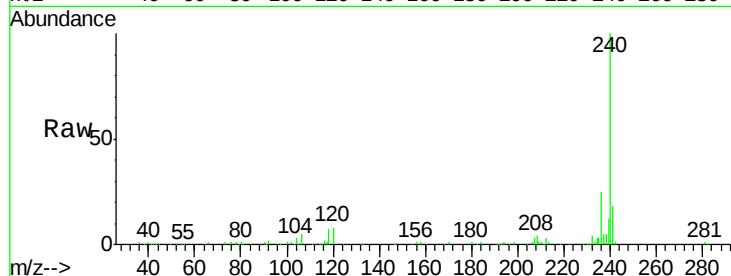
Tgt Ion:240 Resp: 210095

Ion Ratio Lower Upper

240 100

120 7.7 6.6 9.8

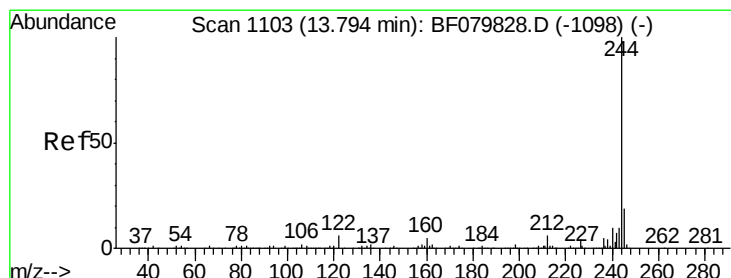
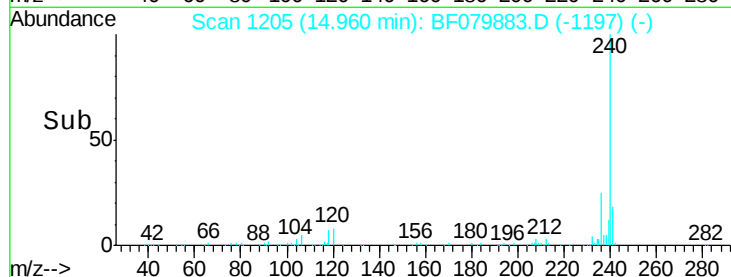
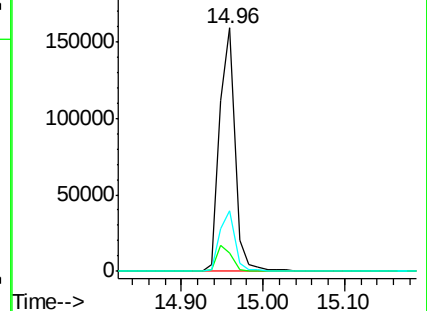
236 25.0 20.2 30.4



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: 91.71 ng

RT: 13.68 min Scan# 1093

Delta R.T. -0.06 min

Lab File: BF079883.D

Acq: 11 Jun 2015 2:02

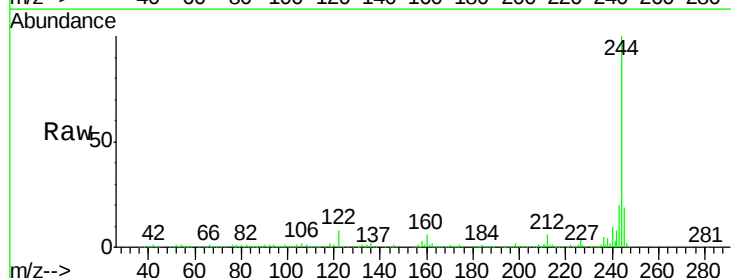
Tgt Ion:244 Resp: 854729

Ion Ratio Lower Upper

244 100

212 6.4 5.6 8.4

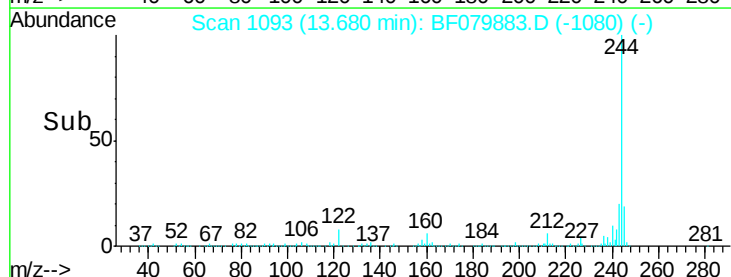
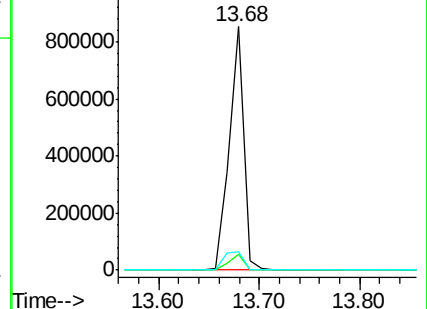
122 7.7 8.2 12.2#

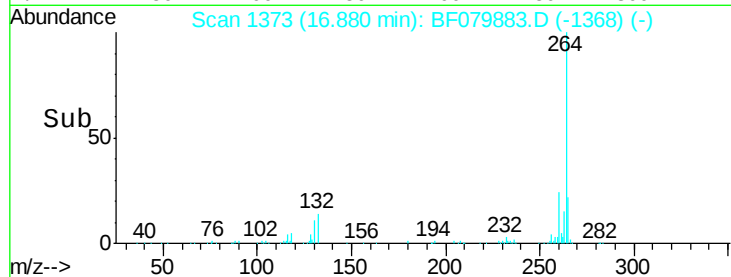
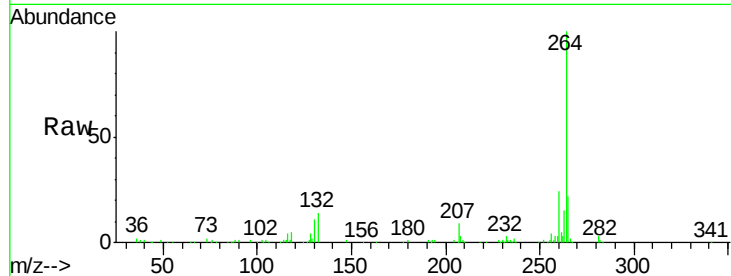
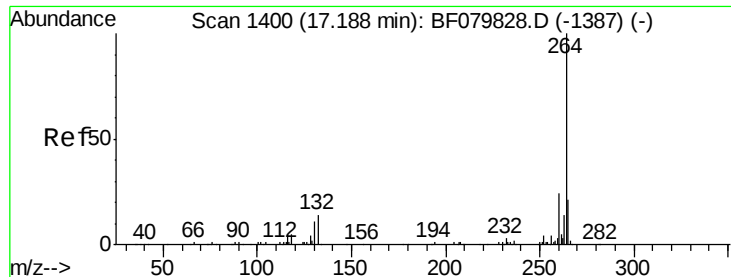


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.88 min Scan# 1373

Delta R.T. -0.15 min

Lab File: BF079883.D

Acq: 11 Jun 2015 2:02

Instrument :

BNA\_F

ClientSampleId :

S3

Tgt Ion: 264 Resp: 192232

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 21.8 18.0 27.0

