

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF052015\  
 Data File : BF079387.D  
 Acq On : 20 May 2015 19:29  
 Operator : TP/IZ  
 Sample : G2299-05  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LS-SB02B(8-8.5)

Quant Time: May 21 01:16:21 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF043015.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 21 00:52:28 2015  
 Response via : Initial Calibration

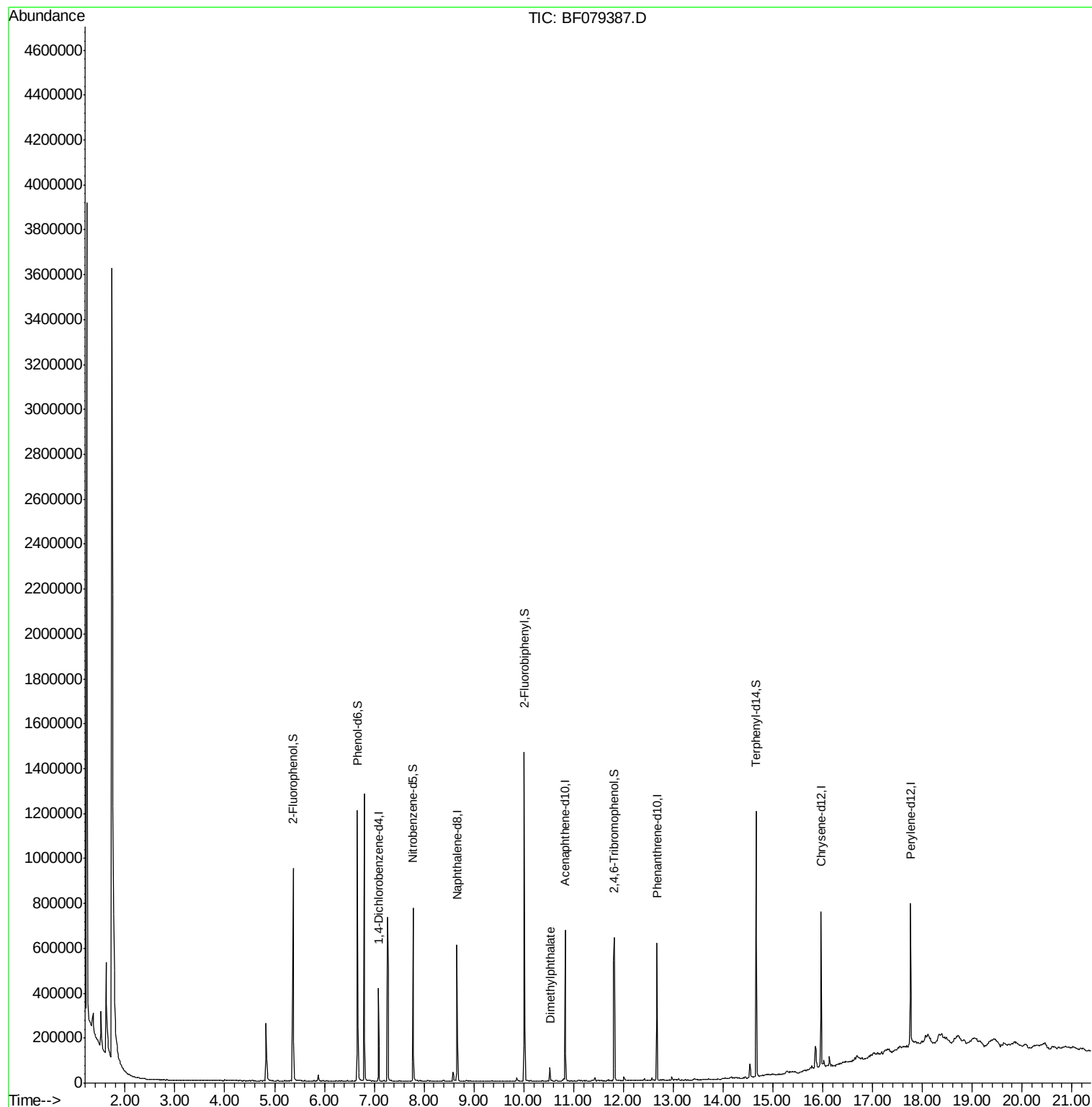
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|-------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.08  | 152  | 67133    | 20.00 | ng    | 0.00           |
| 21) Naphthalene-d8          | 8.66  | 136  | 279441   | 20.00 | ng    | 0.00           |
| 38) Acenaphthene-d10        | 10.83 | 164  | 139027   | 20.00 | ng    | 0.00           |
| 63) Phenanthrene-d10        | 12.67 | 188  | 261704   | 20.00 | ng    | 0.00           |
| 75) Chrysene-d12            | 15.97 | 240  | 270705   | 20.00 | ng    | -0.01          |
| 86) Perylene-d12            | 17.76 | 264  | 281916   | 20.00 | ng    | -0.06          |
| System Monitoring Compounds |       |      |          |       |       |                |
| 5) 2-Fluorophenol           | 5.37  | 112  | 311210   | 79.80 | ng    | 0.00           |
| 7) Phenol-d6                | 6.66  | 99   | 410147   | 79.56 | ng    | 0.00           |
| 23) Nitrobenzene-d5         | 7.78  | 82   | 233294   | 47.98 | ng    | 0.00           |
| 41) 2,4,6-Tribromophenol    | 11.82 | 330  | 116268   | 77.31 | ng    | 0.00           |
| 44) 2-Fluorobiphenyl        | 10.01 | 172  | 440227   | 44.12 | ng    | 0.00           |
| 78) Terphenyl-d14           | 14.66 | 244  | 473857   | 41.91 | ng    | -0.01          |
| Target Compounds            |       |      |          |       |       |                |
| 49) Dimethylphthalate       | 10.52 | 163  | 36562    | 3.58  | ng    | Qvalue<br># 98 |

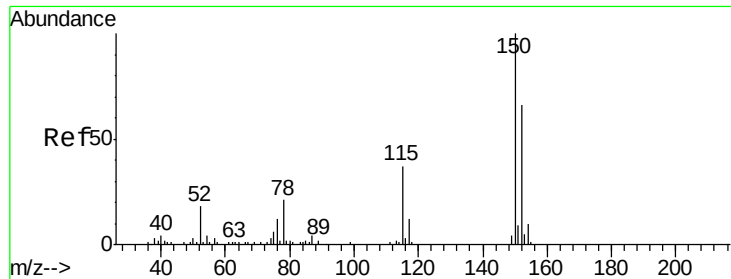
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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LS-SB02B(8-8.5)

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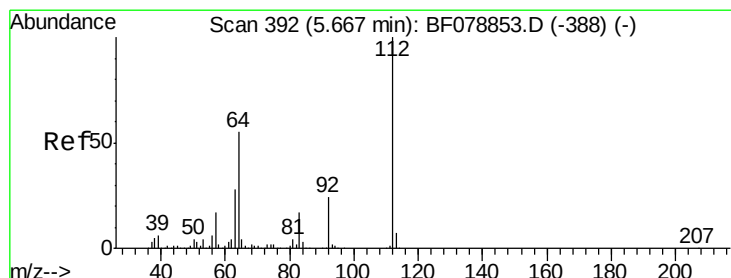
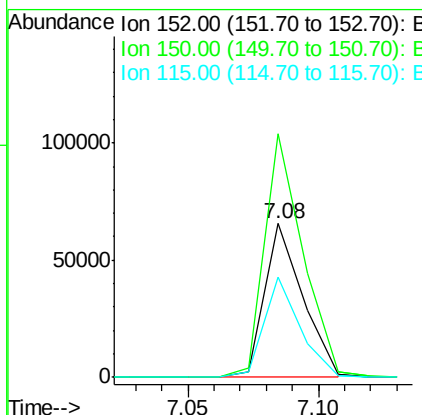
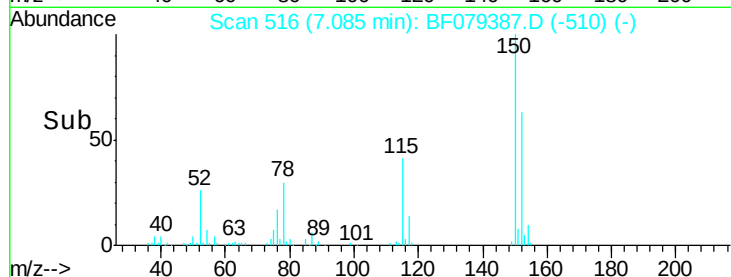
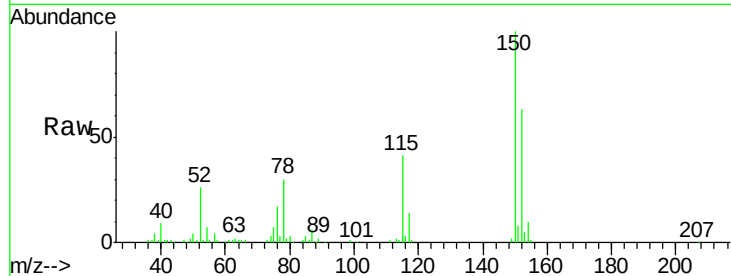




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.08 min Scan# 516  
Delta R.T. -0.00 min  
Lab File: BF079387.D  
Acq: 20 May 2015 19:29

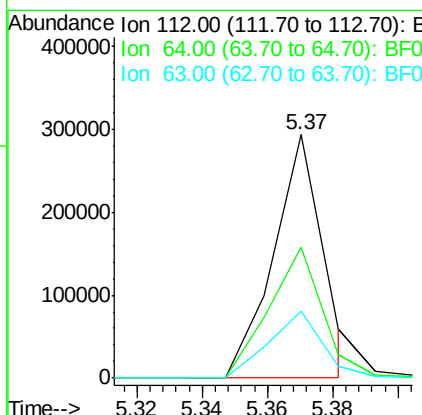
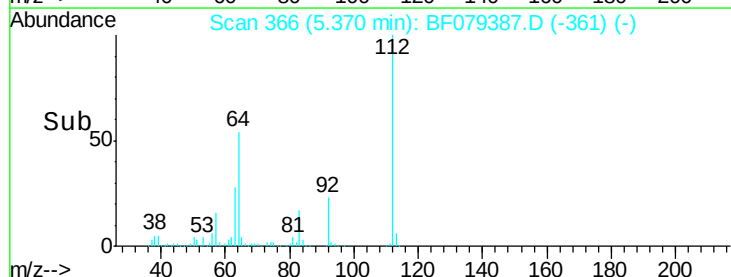
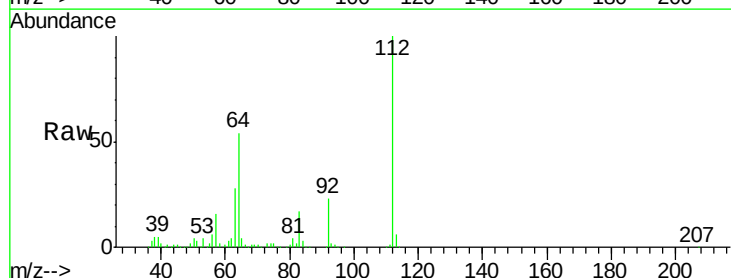
Instrument :  
BNA\_F  
ClientSampleId :  
LS-SB02B(8-8.5)

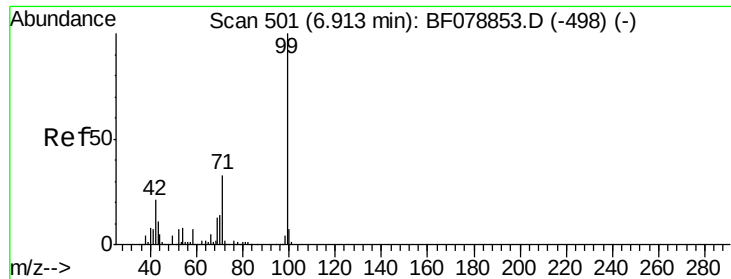
Tgt Ion:152 Resp: 67133  
Ion Ratio Lower Upper  
152 100  
150 158.6 123.8 185.8  
115 65.1 49.4 74.0



#5  
2-Fluorophenol  
Concen: 79.80 ng  
RT: 5.37 min Scan# 366  
Delta R.T. -0.00 min  
Lab File: BF079387.D  
Acq: 20 May 2015 19:29

Tgt Ion:112 Resp: 311210  
Ion Ratio Lower Upper  
112 100  
64 54.0 44.2 66.2  
63 27.7 22.7 34.1





#7

Phenol-d6

Concen: 79.56 ng

RT: 6.66 min Scan# 479

Delta R.T. -0.00 min

Lab File: BF079387.D

Acq: 20 May 2015 19:29

Instrument :

BNA\_F

ClientSampleId :

LS-SB02B(8-8.5)

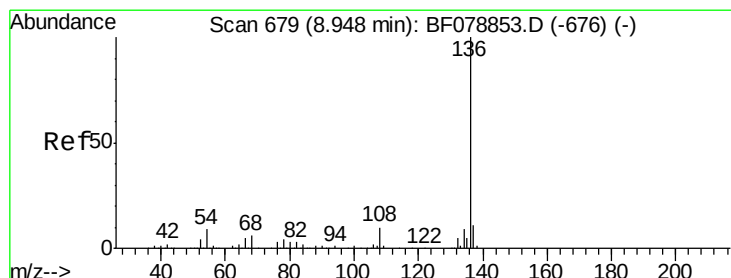
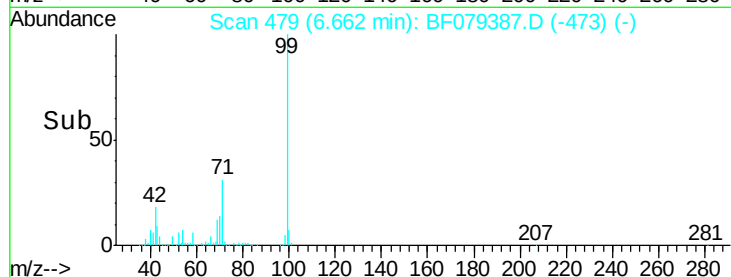
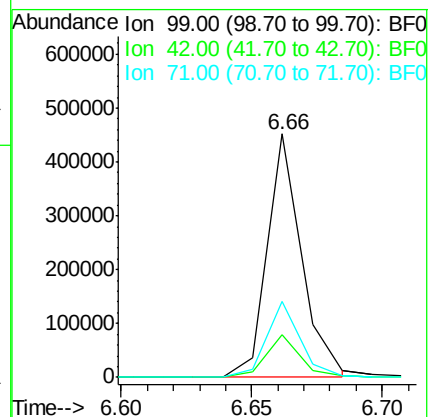
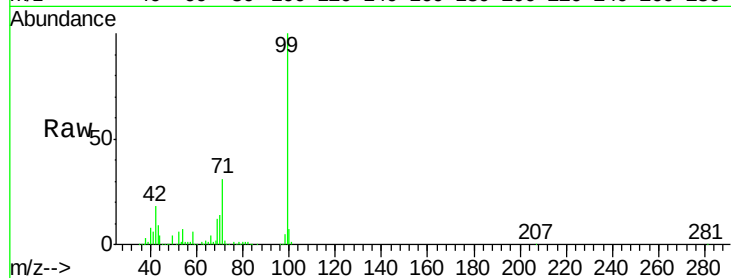
Tgt Ion: 99 Resp: 410147

Ion Ratio Lower Upper

99 100

42 17.8 17.1 25.7

71 31.4 26.3 39.5



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.66 min Scan# 654

Delta R.T. -0.00 min

Lab File: BF079387.D

Acq: 20 May 2015 19:29

Tgt Ion: 136 Resp: 279441

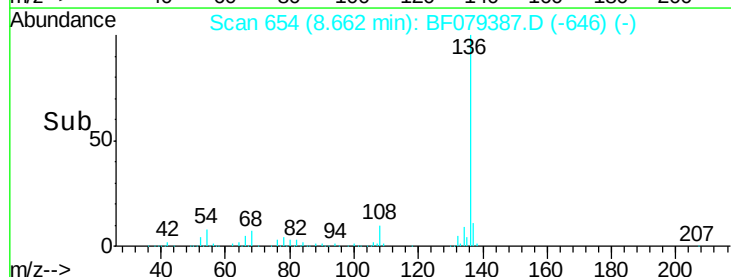
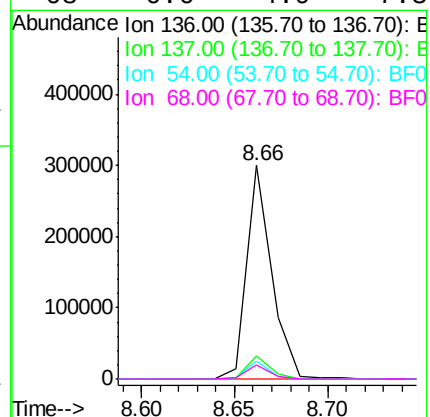
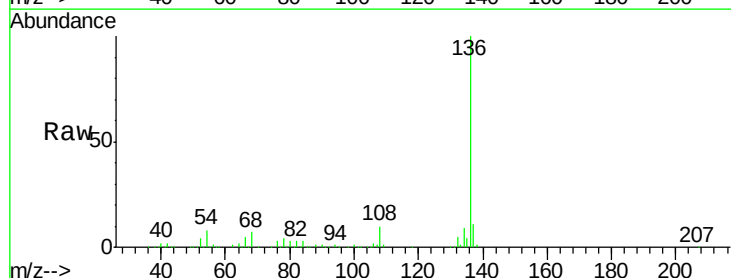
Ion Ratio Lower Upper

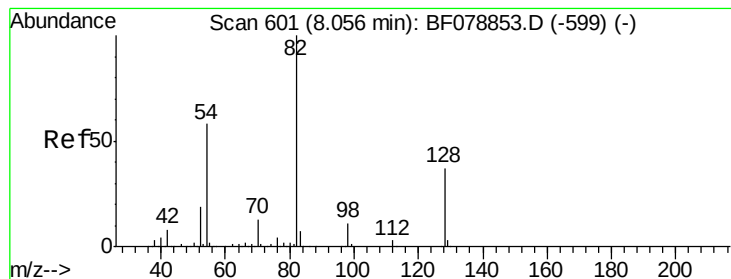
136 100

137 10.9 8.8 13.2

54 8.3 6.9 10.3

68 6.6 4.9 7.3





#23

Nitrobenzene-d5

Concen: 47.98 ng

RT: 7.78 min Scan# 577

Delta R.T. -0.00 min

Lab File: BF079387.D

Acq: 20 May 2015 19:29

Instrument :

BNA\_F

ClientSampleId :

LS-SB02B(8-8.5)

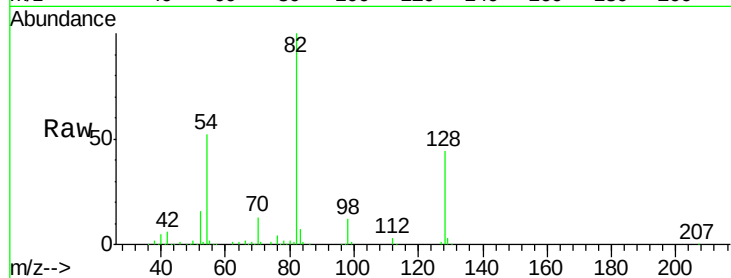
Tgt Ion: 82 Resp: 233294

Ion Ratio Lower Upper

82 100

128 43.6 29.7 44.5

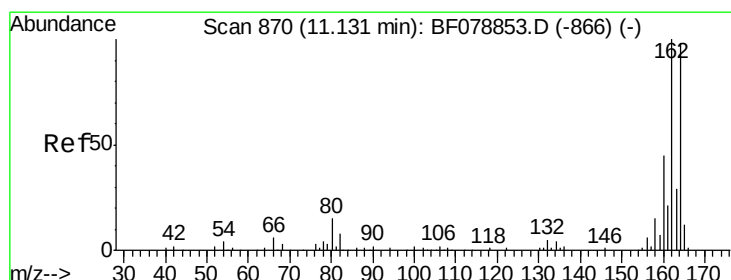
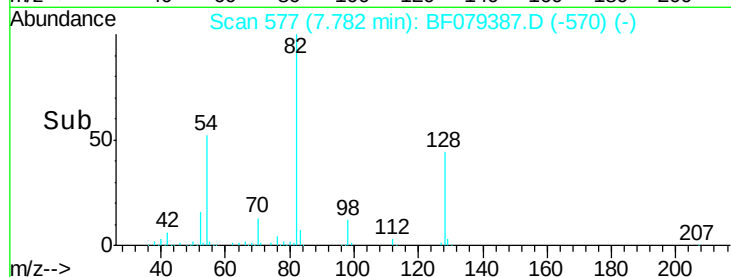
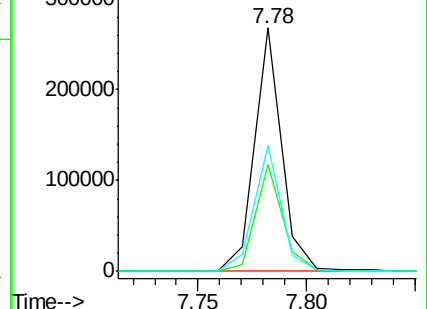
54 51.8 46.2 69.4



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: 10.83 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF079387.D

Acq: 20 May 2015 19:29

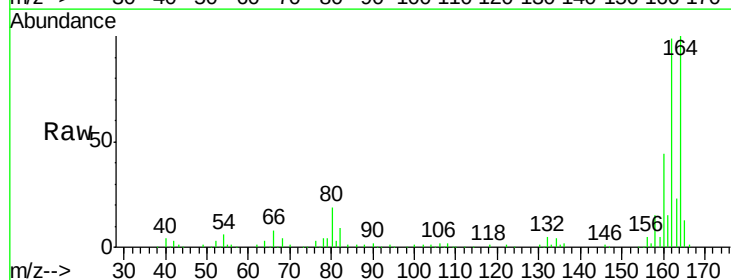
Tgt Ion: 164 Resp: 139027

Ion Ratio Lower Upper

164 100

162 99.0 81.4 122.0

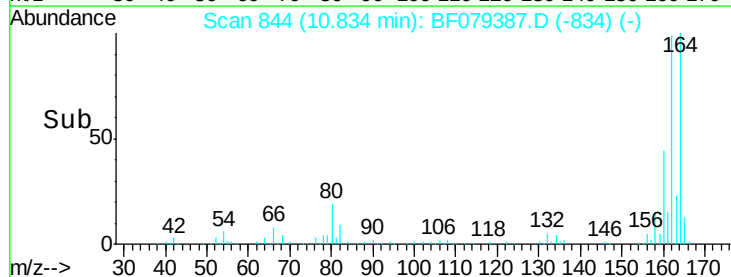
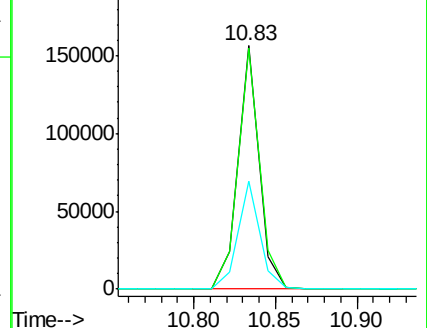
160 44.3 36.6 54.8

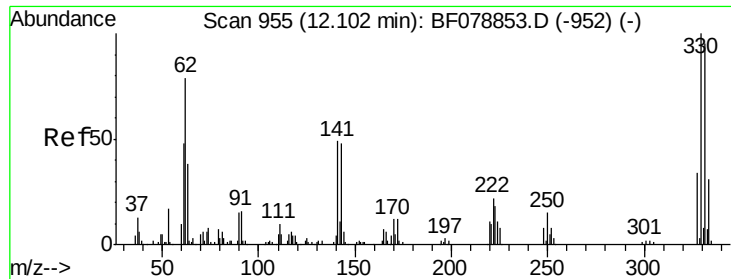


Abundance Ion 164.00 (163.70 to 164.70): B

Ion 162.00 (161.70 to 162.70): B

Ion 160.00 (159.70 to 160.70): B

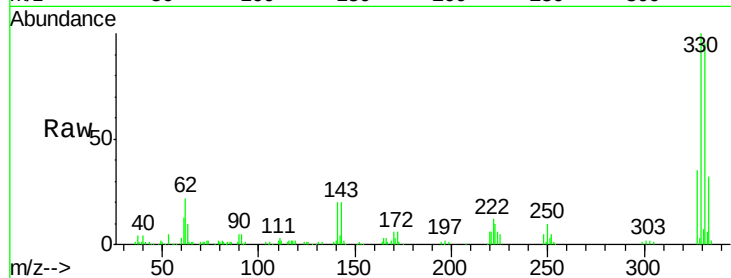




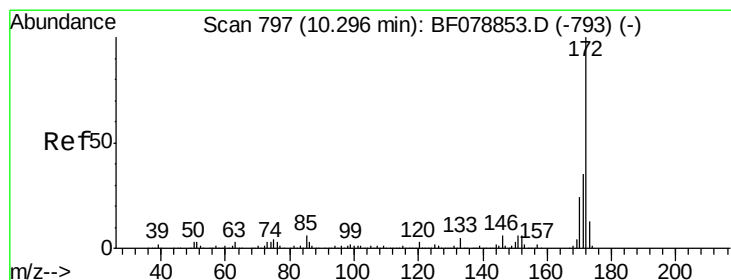
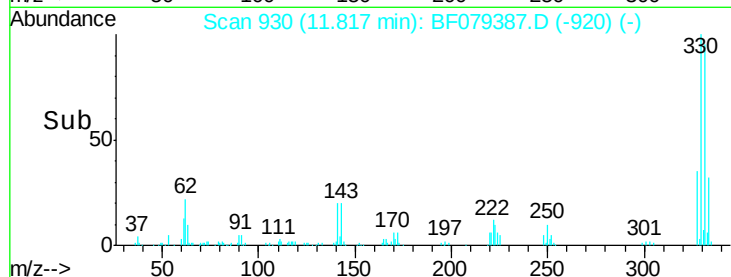
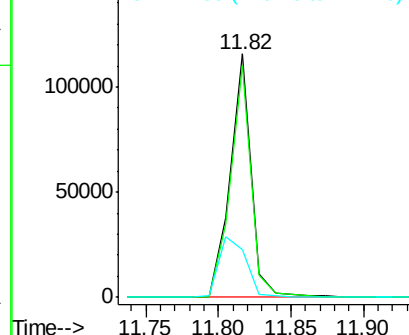
#41  
 2,4,6-Tribromophenol  
 Concen: 77.31 ng  
 RT: 11.82 min Scan# 930  
 Delta R.T. -0.00 min  
 Lab File: BF079387.D  
 Acq: 20 May 2015 19:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LS-SB02B(8-8.5)

Tgt Ion:330 Resp: 116268  
 Ion Ratio Lower Upper  
 330 100  
 332 94.9 76.9 115.3  
 141 32.5 27.8 41.8

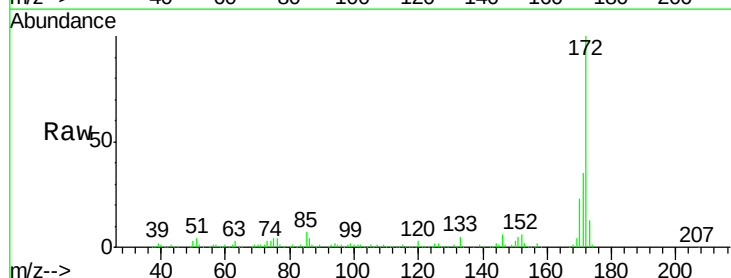


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

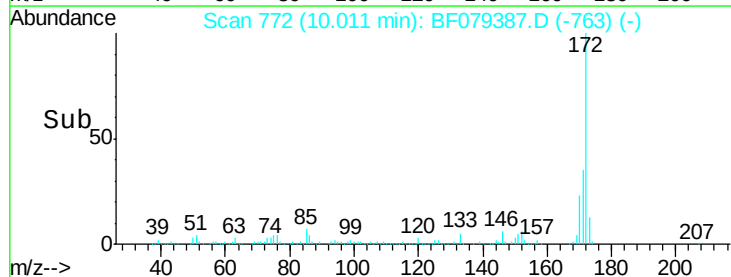
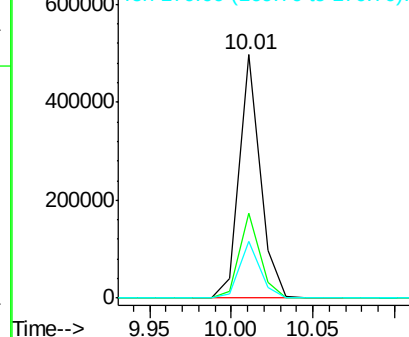


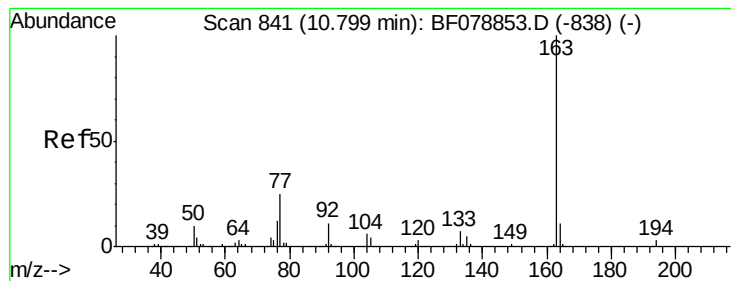
#44  
 2-Fluorobiphenyl  
 Concen: 44.12 ng  
 RT: 10.01 min Scan# 772  
 Delta R.T. -0.00 min  
 Lab File: BF079387.D  
 Acq: 20 May 2015 19:29

Tgt Ion:172 Resp: 440227  
 Ion Ratio Lower Upper  
 172 100  
 171 35.0 28.3 42.5  
 170 23.5 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: 3.58 ng

RT: 10.52 min Scan# 817

Delta R.T. -0.00 min

Lab File: BF079387.D

Acq: 20 May 2015 19:29

Instrument :

BNA\_F

ClientSampleId :

LS-SB02B(8-8.5)

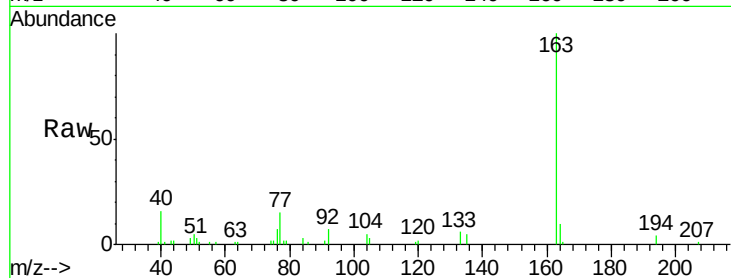
Tgt Ion:163 Resp: 36562

Ion Ratio Lower Upper

163 100

194 3.8 2.4 3.6#

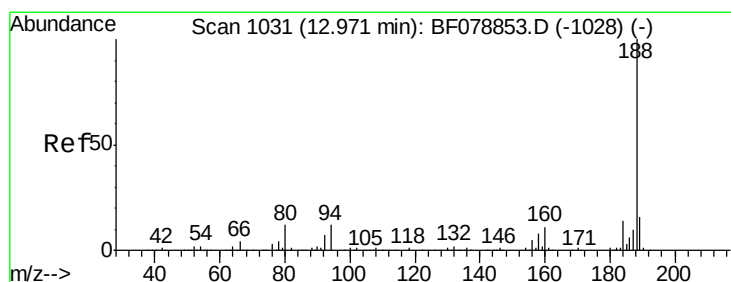
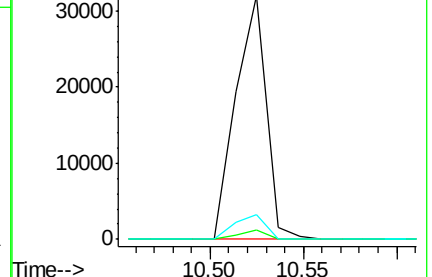
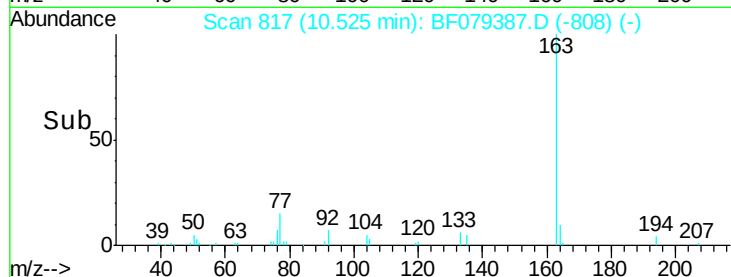
164 10.1 8.6 12.8



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: 12.67 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF079387.D

Acq: 20 May 2015 19:29

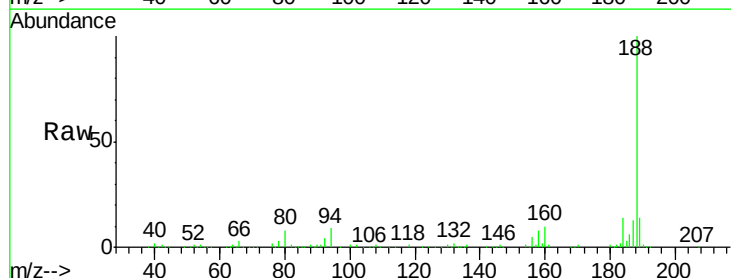
Tgt Ion:188 Resp: 261704

Ion Ratio Lower Upper

188 100

94 8.7 9.4 14.0#

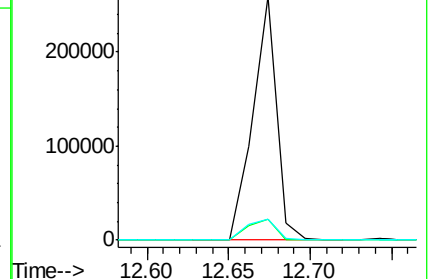
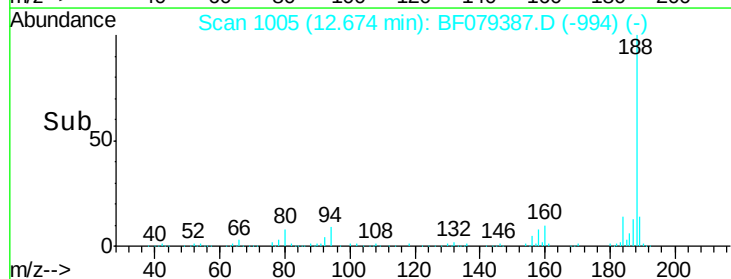
80 8.3 9.8 14.6#

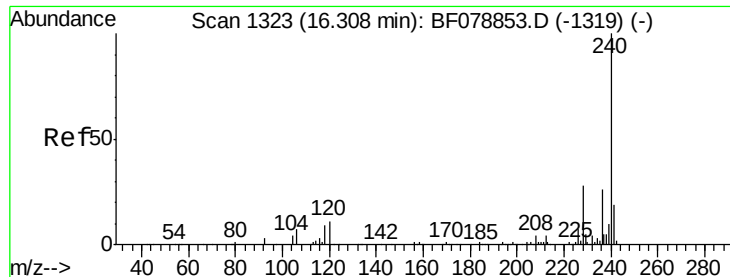


Abundance Ion 188.00 (187.70 to 188.70): E

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: 15.97 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF079387.D

Acq: 20 May 2015 19:29

Instrument :

BNA\_F

ClientSampleId :

LS-SB02B(8-8.5)

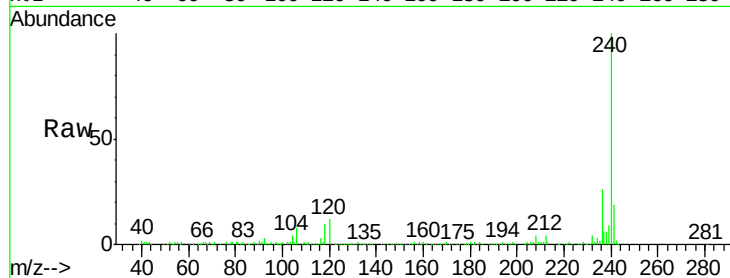
Tgt Ion:240 Resp: 270705

Ion Ratio Lower Upper

240 100

120 12.1 8.6 12.8

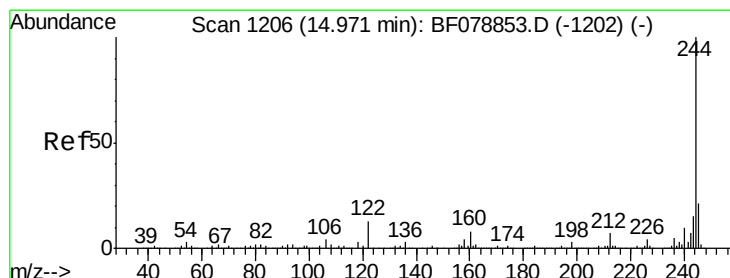
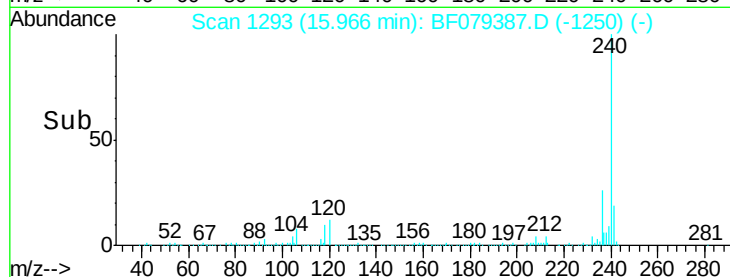
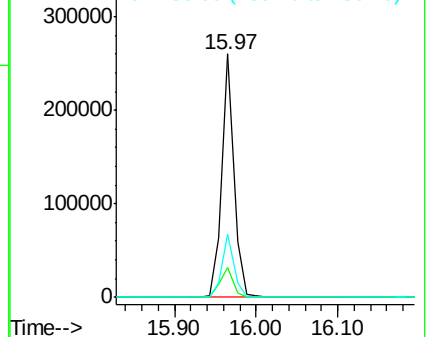
236 26.1 21.0 31.6



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: 41.91 ng

RT: 14.66 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF079387.D

Acq: 20 May 2015 19:29

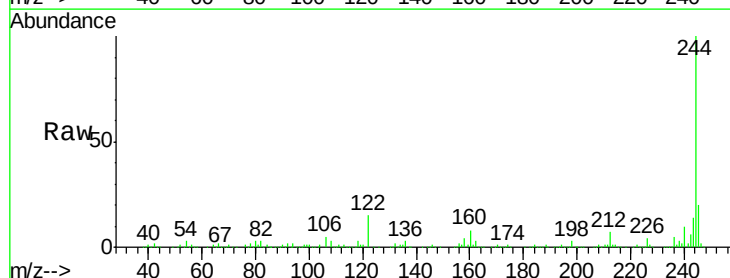
Tgt Ion:244 Resp: 473857

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

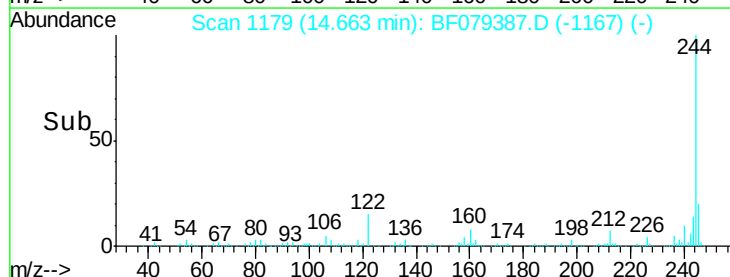
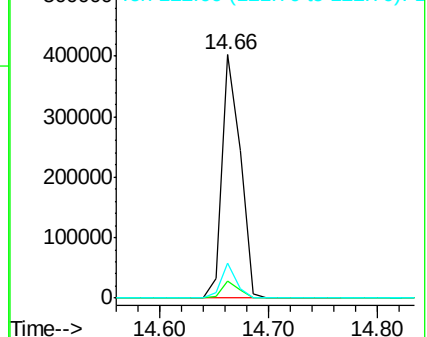
122 14.5 10.5 15.7



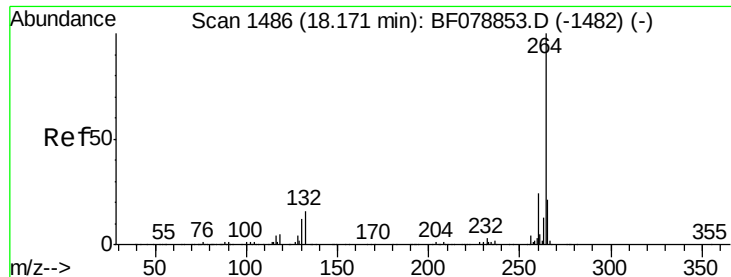
Abundance Ion 244.00 (243.70 to 244.70): E

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: 17.76 min Scan# 1450  
Delta R.T. -0.06 min  
Lab File: BF079387.D  
Acq: 20 May 2015 19:29

Instrument :  
BNA\_F  
ClientSampleId :  
LS-SB02B(8-8.5)

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.6  | 19.2  | 28.8  |
| 265     | 21.6  | 17.2  | 25.8  |

