

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF061015\  
 Data File : BF079873.D  
 Acq On : 10 Jun 2015 19:15  
 Operator : TP/IZ  
 Sample : G2523-06  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 LIP-12-6-3-15

Quant Time: Jun 11 01:30:07 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

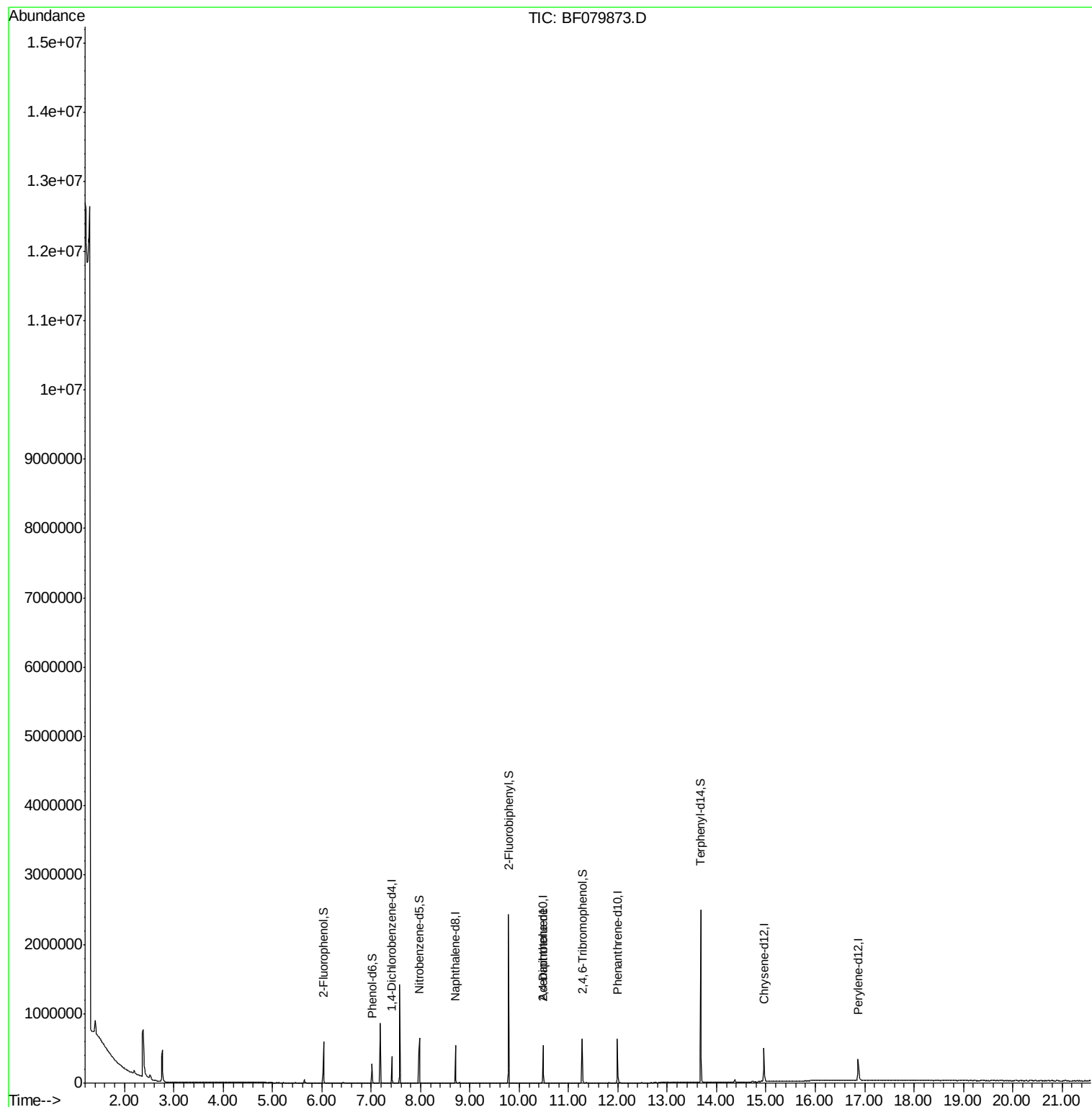
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units | Dev(Min)       |
|-----------------------------|-------|------|----------|--------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4   | 7.42  | 152  | 51494    | 20.00  | ng    | 0.00           |
| 21) Naphthalene-d8          | 8.71  | 136  | 207286   | 20.00  | ng    | 0.00           |
| 38) Acenaphthene-d10        | 10.48 | 164  | 104133   | 20.00  | ng    | -0.01          |
| 63) Phenanthrene-d10        | 11.99 | 188  | 215440   | 20.00  | ng    | -0.01          |
| 75) Chrysene-d12            | 14.96 | 240  | 212664   | 20.00  | ng    | -0.11          |
| 86) Perylene-d12            | 16.87 | 264  | 196886   | 20.00  | ng    | -0.16          |
| System Monitoring Compounds |       |      |          |        |       |                |
| 5) 2-Fluorophenol           | 6.03  | 112  | 154570   | 49.47  | ng    | 0.00           |
| 7) Phenol-d6                | 7.02  | 99   | 117998   | 29.19  | ng    | 0.00           |
| 23) Nitrobenzene-d5         | 7.98  | 82   | 256102   | 71.37  | ng    | 0.00           |
| 41) 2,4,6-Tribromophenol    | 11.28 | 330  | 108151   | 120.01 | ng    | 0.00           |
| 44) 2-Fluorobiphenyl        | 9.78  | 172  | 651057   | 87.93  | ng    | 0.00           |
| 78) Terphenyl-d14           | 13.68 | 244  | 787796   | 83.51  | ng    | -0.06          |
| Target Compounds            |       |      |          |        |       |                |
| 56) 2,4-Dinitrotoluene      | 10.48 | 165  | 12832    | 12.19  | ng    | Qvalue<br># 32 |

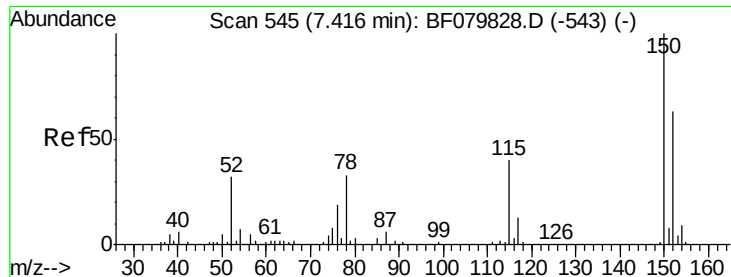
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration



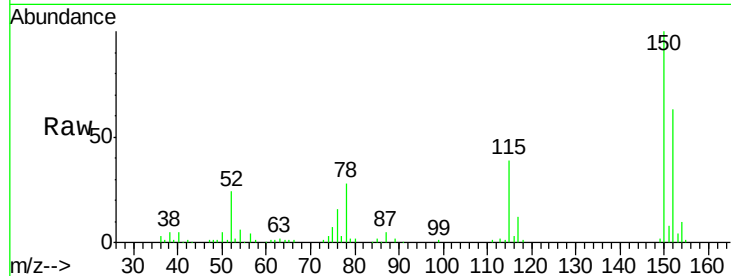


#1

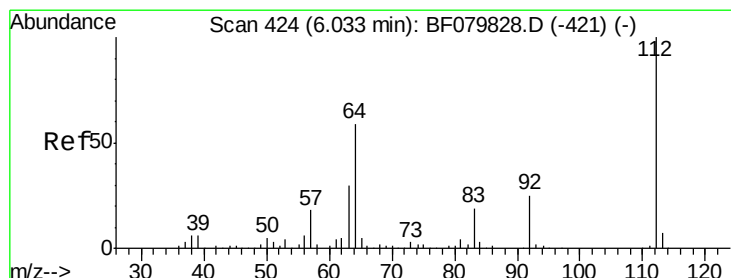
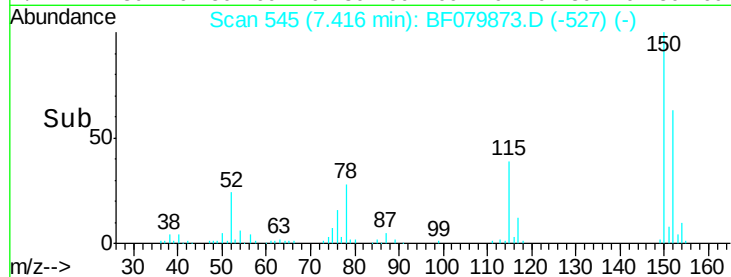
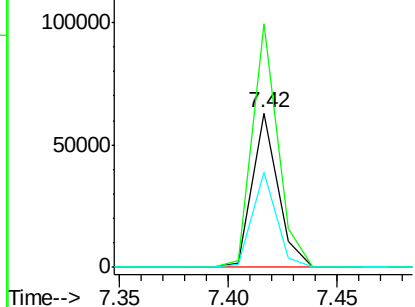
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.42 min Scan# 545  
Delta R.T. 0.00 min  
Lab File: BF079873.D  
Acq: 10 Jun 2015 19:15

Instrument :  
BNA\_F  
ClientSampleId :  
LIP-12-6-3-15

Tgt Ion:152 Resp: 51494  
Ion Ratio Lower Upper  
152 100  
150 157.5 131.4 197.2  
115 61.4 56.5 84.7



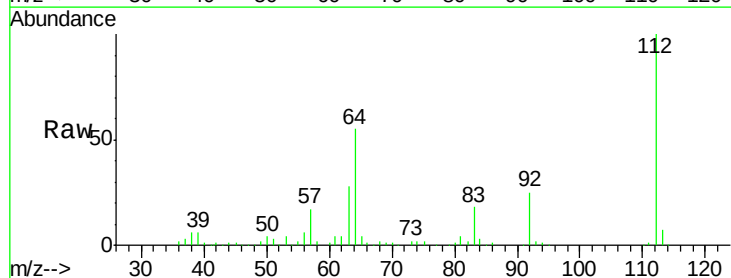
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



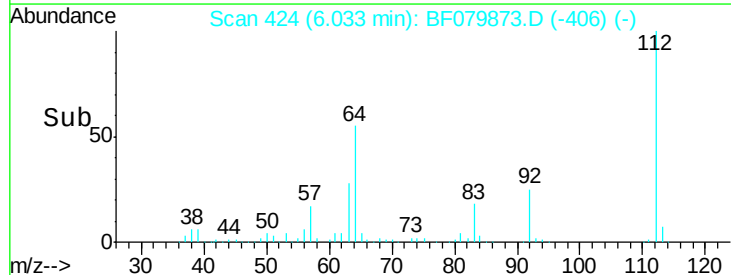
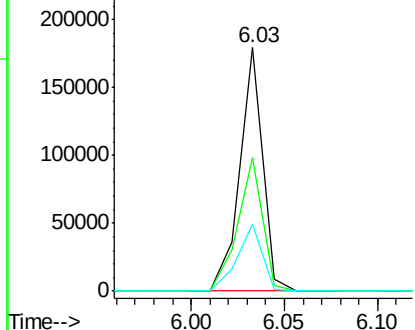
#5

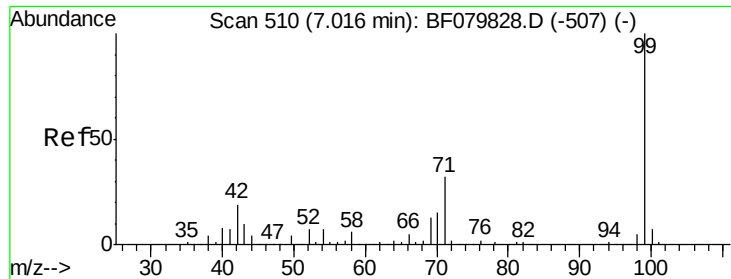
2-Fluorophenol  
Concen: 49.47 ng  
RT: 6.03 min Scan# 424  
Delta R.T. 0.00 min  
Lab File: BF079873.D  
Acq: 10 Jun 2015 19:15

Tgt Ion:112 Resp: 154570  
Ion Ratio Lower Upper  
112 100  
64 55.0 44.2 66.4  
63 27.7 22.8 34.2



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: 29.19 ng

RT: 7.02 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF079873.D

Acq: 10 Jun 2015 19:15

Instrument :

BNA\_F

ClientSampleId :

LIP-12-6-3-15

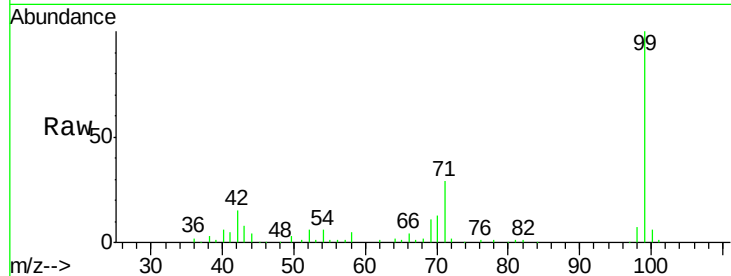
Tgt Ion: 99 Resp: 117998

Ion Ratio Lower Upper

99 100

42 14.8 13.7 20.5

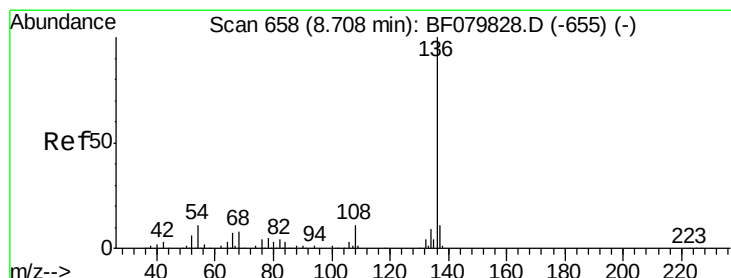
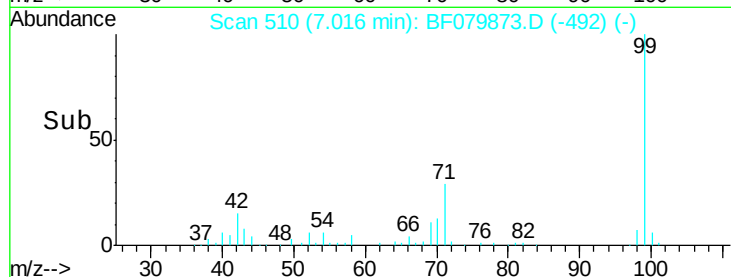
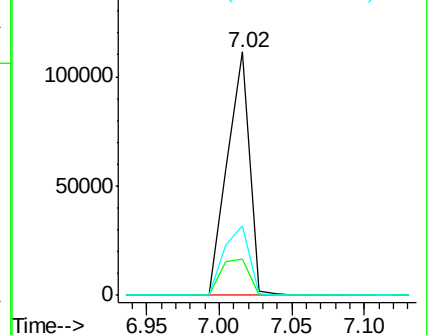
71 28.7 25.1 37.7



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: 8.71 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF079873.D

Acq: 10 Jun 2015 19:15

Tgt Ion: 136 Resp: 207286

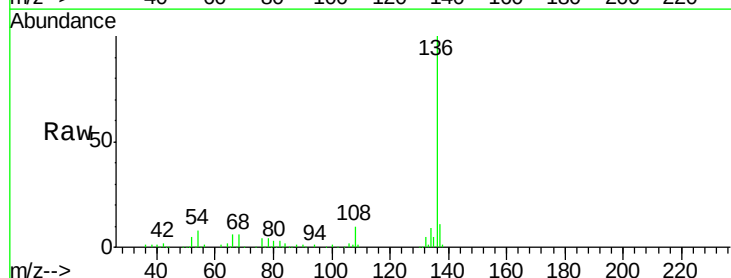
Ion Ratio Lower Upper

136 100

137 10.7 9.3 13.9

54 8.5 8.1 12.1

68 6.1 4.8 7.2

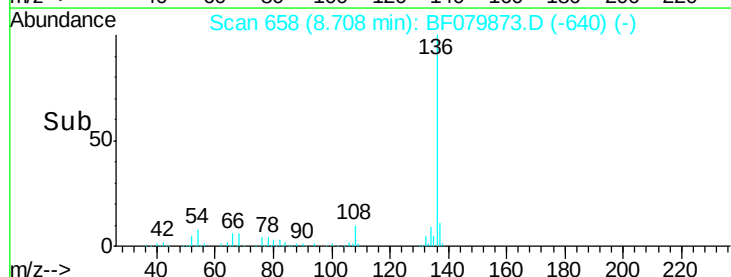
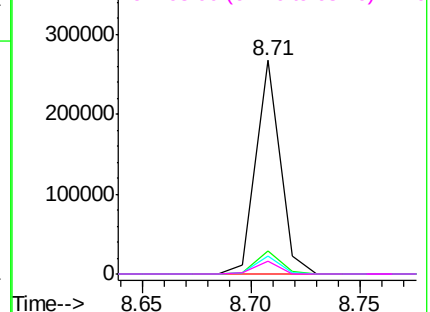


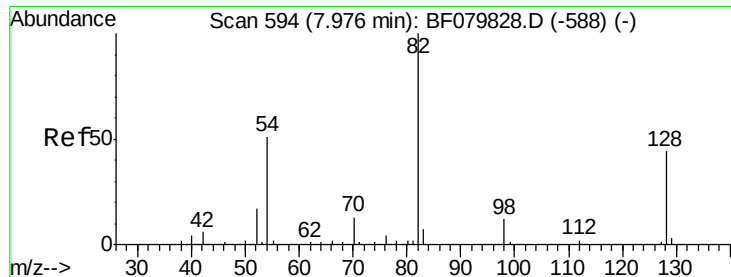
Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.37 ng

RT: 7.98 min Scan# 594

Delta R.T. 0.00 min

Lab File: BF079873.D

Acq: 10 Jun 2015 19:15

Instrument :

BNA\_F

ClientSampleId :

LIP-12-6-3-15

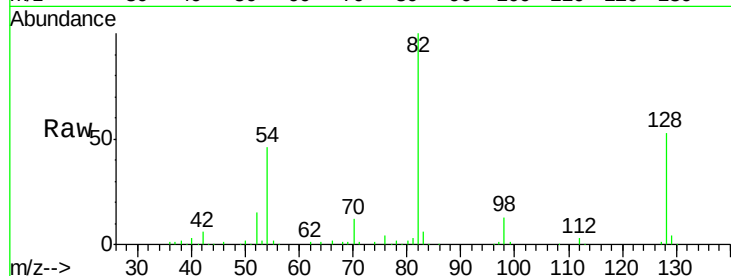
Tgt Ion: 82 Resp: 256102

Ion Ratio Lower Upper

82 100

128 52.6 35.2 52.8

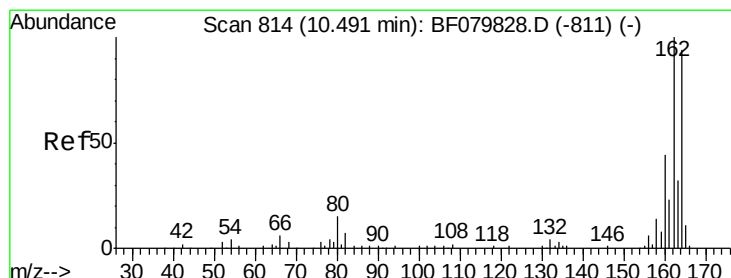
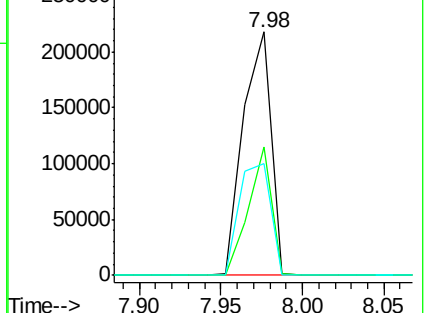
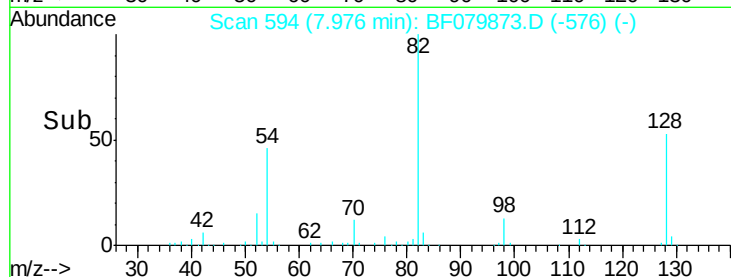
54 45.8 39.2 58.8



Abundance Ion 82.00 (81.70 to 82.70): BF079828.D (-588) (-)

Ion 128.00 (127.70 to 128.70): BF079828.D (-588) (-)

Ion 54.00 (53.70 to 54.70): BF079828.D (-588) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.48 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF079873.D

Acq: 10 Jun 2015 19:15

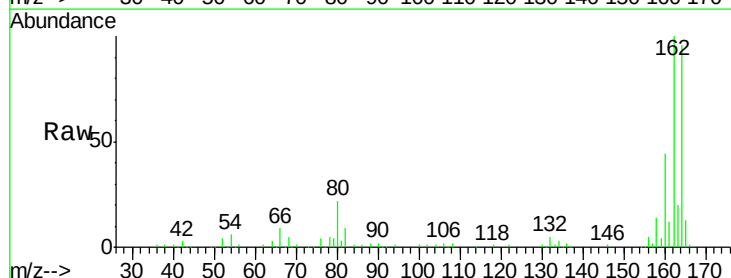
Tgt Ion: 164 Resp: 104133

Ion Ratio Lower Upper

164 100

162 104.0 89.8 134.8

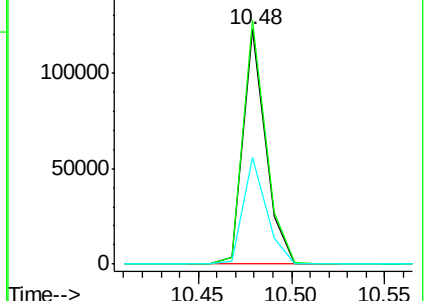
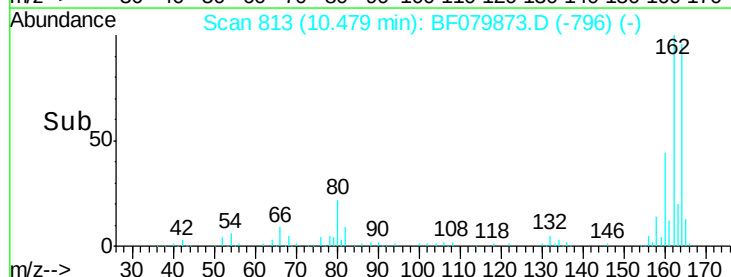
160 45.8 39.6 59.4

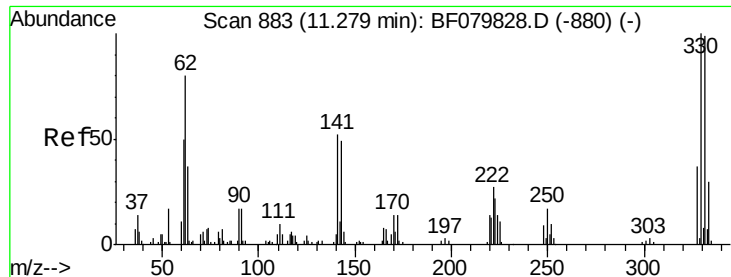


Abundance Ion 164.00 (163.70 to 164.70): BF079828.D (-811) (-)

Ion 162.00 (161.70 to 162.70): BF079828.D (-811) (-)

Ion 160.00 (159.70 to 160.70): BF079828.D (-811) (-)

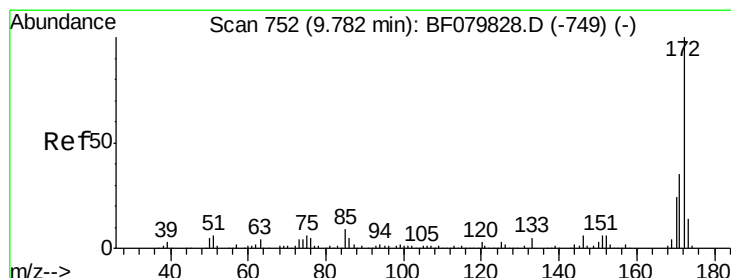
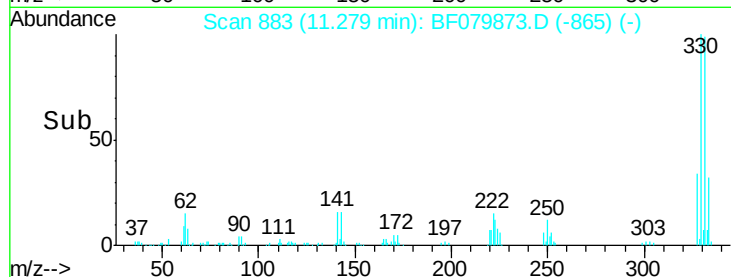
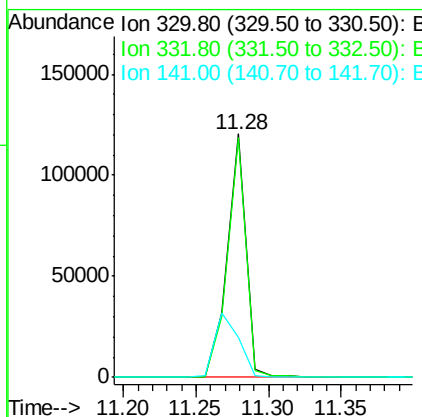
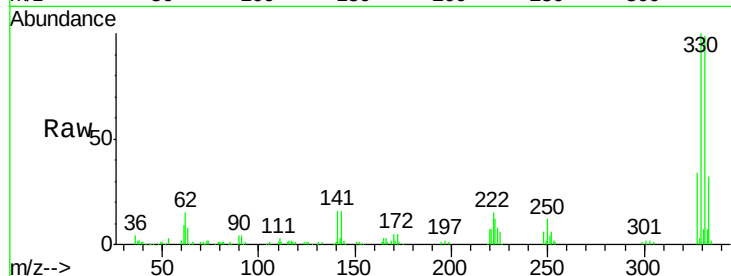




#41  
 2,4,6-Tribromophenol  
 Concen: 120.01 ng  
 RT: 11.28 min Scan# 883  
 Delta R.T. 0.00 min  
 Lab File: BF079873.D  
 Acq: 10 Jun 2015 19:15

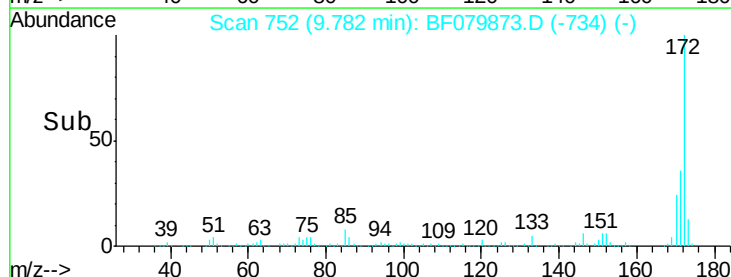
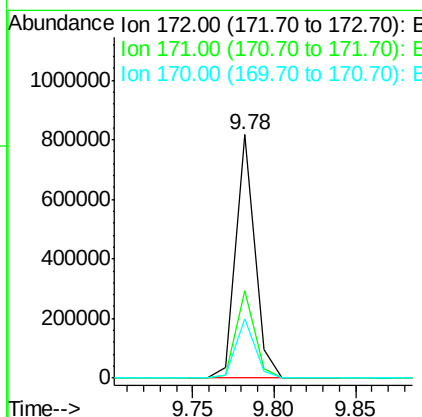
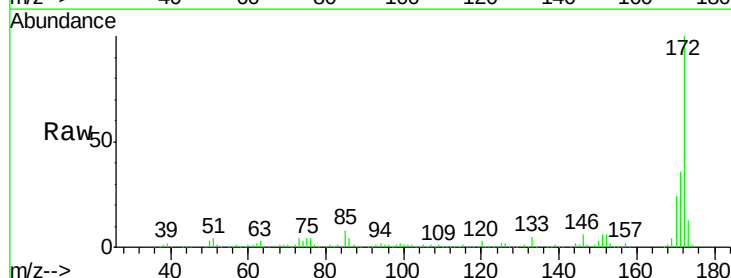
Instrument :  
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 ClientSampleId :  
 LIP-12-6-3-15

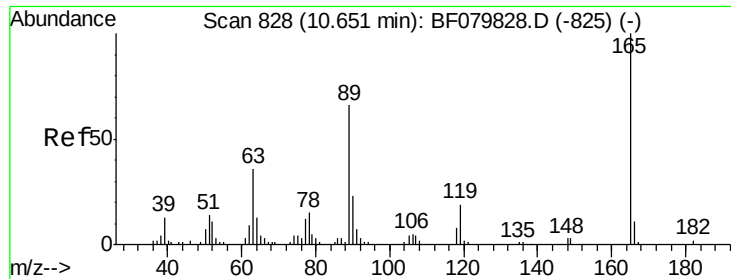
Tgt Ion:330 Resp: 108151  
 Ion Ratio Lower Upper  
 330 100  
 332 97.6 76.8 115.2  
 141 34.0 29.1 43.7



#44  
 2-Fluorobiphenyl  
 Concen: 87.93 ng  
 RT: 9.78 min Scan# 752  
 Delta R.T. 0.00 min  
 Lab File: BF079873.D  
 Acq: 10 Jun 2015 19:15

Tgt Ion:172 Resp: 651057  
 Ion Ratio Lower Upper  
 172 100  
 171 36.2 28.5 42.7  
 170 24.2 18.8 28.2





#56

2,4-Dinitrotoluene

Concen: 12.19 ng

RT: 10.48 min Scan# 813

Delta R.T. -0.17 min

Lab File: BF079873.D

Acq: 10 Jun 2015 19:15

Instrument :

BNA\_F

ClientSampleId :

LIP-12-6-3-15

Tgt Ion:165 Resp: 12832

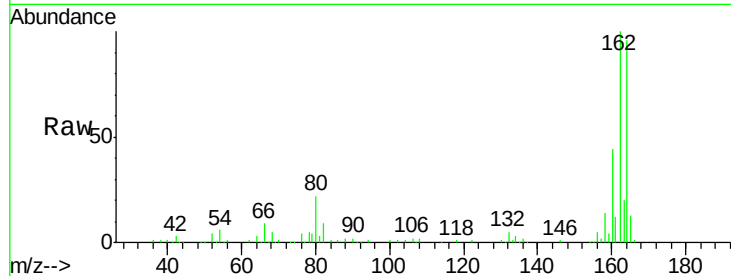
Ion Ratio Lower Upper

165 100

63 0.0 24.4 36.6#

89 0.0 45.3 67.9#

182 0.0 2.0 3.0#

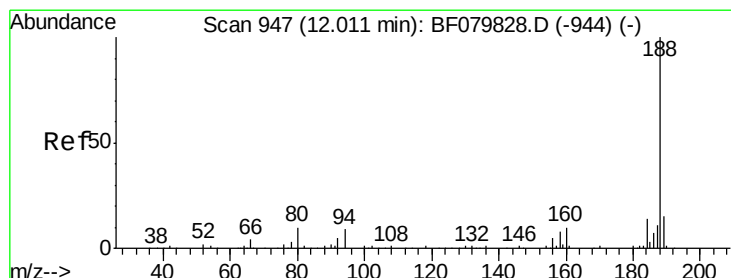
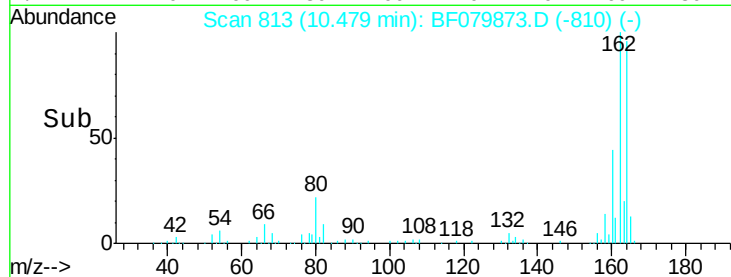
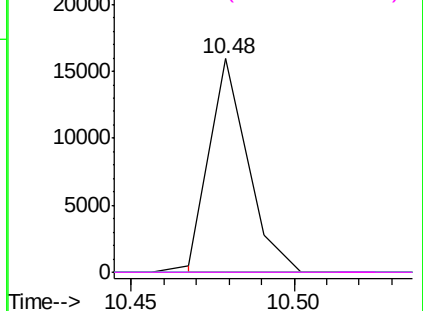


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.99 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF079873.D

Acq: 10 Jun 2015 19:15

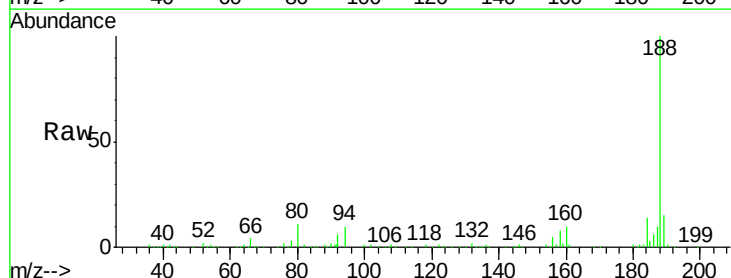
Tgt Ion:188 Resp: 215440

Ion Ratio Lower Upper

188 100

94 9.7 7.4 11.0

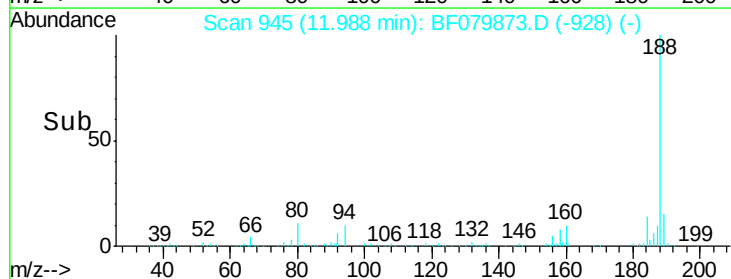
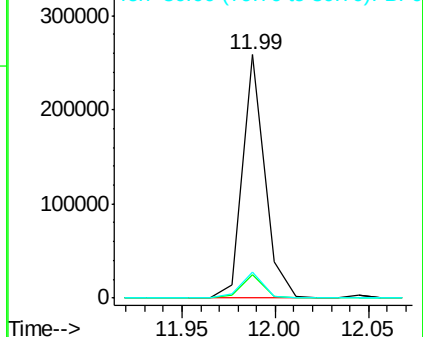
80 10.9 8.0 12.0

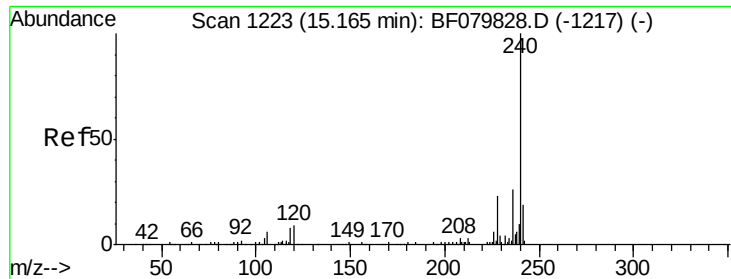


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF079873.D

Acq: 10 Jun 2015 19:15

Instrument :

BNA\_F

ClientSampleId :

LIP-12-6-3-15

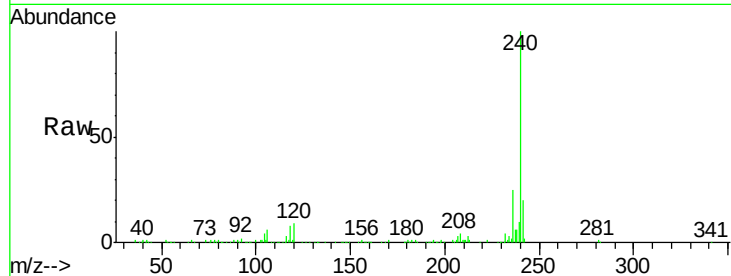
Tgt Ion:240 Resp: 212664

Ion Ratio Lower Upper

240 100

120 8.9 6.6 9.8

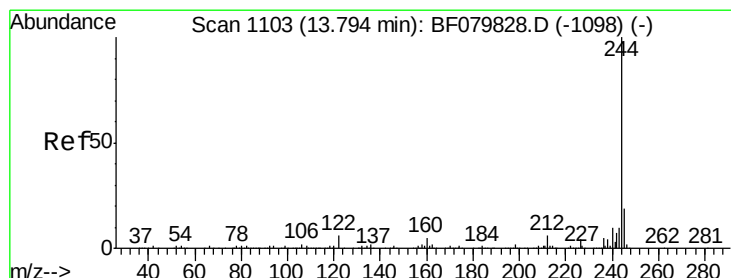
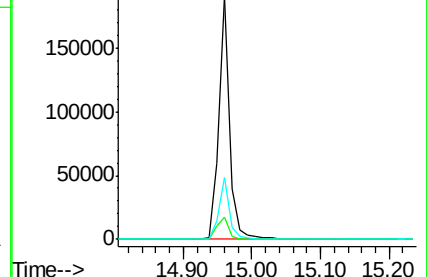
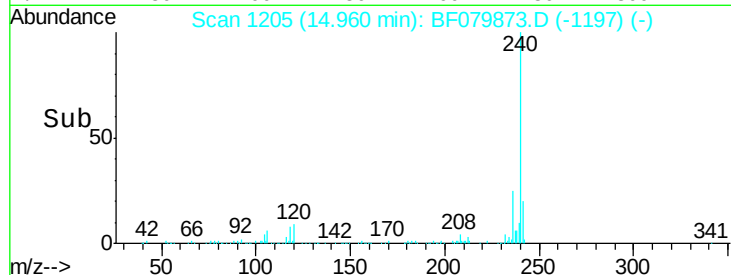
236 25.4 20.2 30.4



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: 83.51 ng

RT: 13.68 min Scan# 1093

Delta R.T. -0.06 min

Lab File: BF079873.D

Acq: 10 Jun 2015 19:15

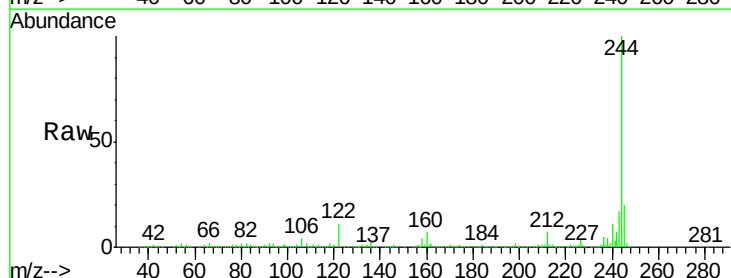
Tgt Ion:244 Resp: 787796

Ion Ratio Lower Upper

244 100

212 7.1 5.6 8.4

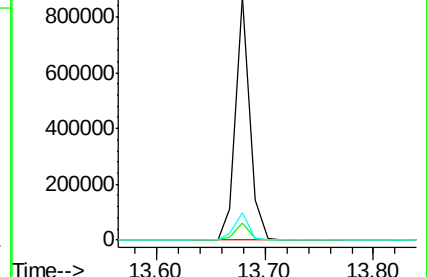
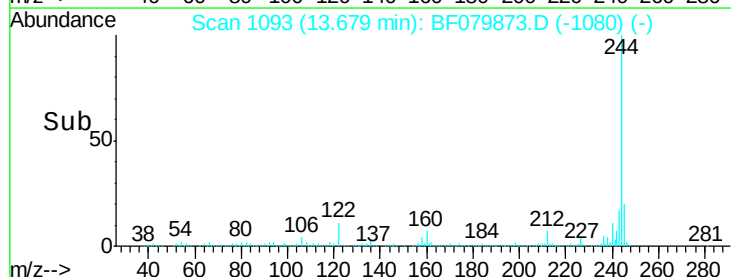
122 11.4 8.2 12.2



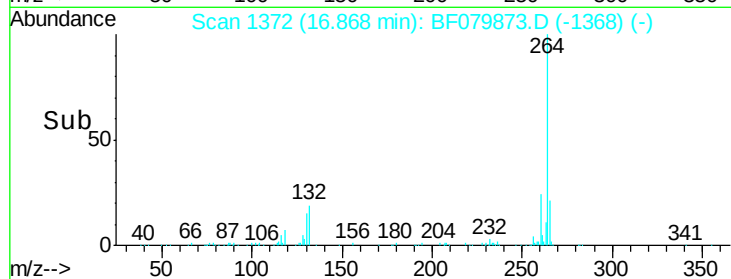
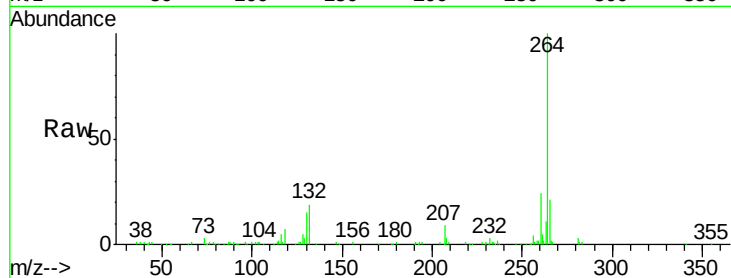
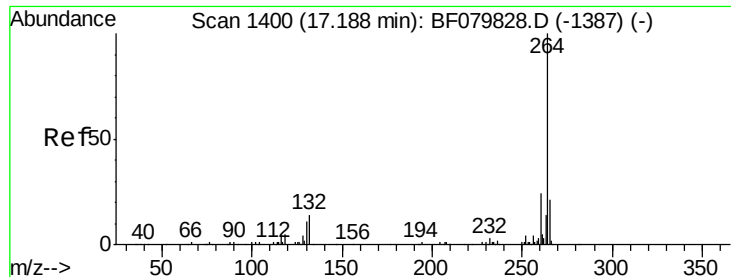
Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.87 min Scan# 1372

Delta R.T. -0.16 min

Lab File: BF079873.D

Acq: 10 Jun 2015 19:15

Instrument :

BNA\_F

ClientSampleId :

LIP-12-6-3-15

Tgt Ion: 264 Resp: 196886

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 21.1 18.0 27.0

