

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090415\  
 Data File : BE090740.D  
 Acq On : 4 Sep 2015 21:30  
 Operator : UM/IZ  
 Sample : G3562-07  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 090315-D534-F-D-B

Quant Time: Sep 07 01:12:23 2015  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Sep 02 11:40:50 2015  
 Response via : Initial Calibration

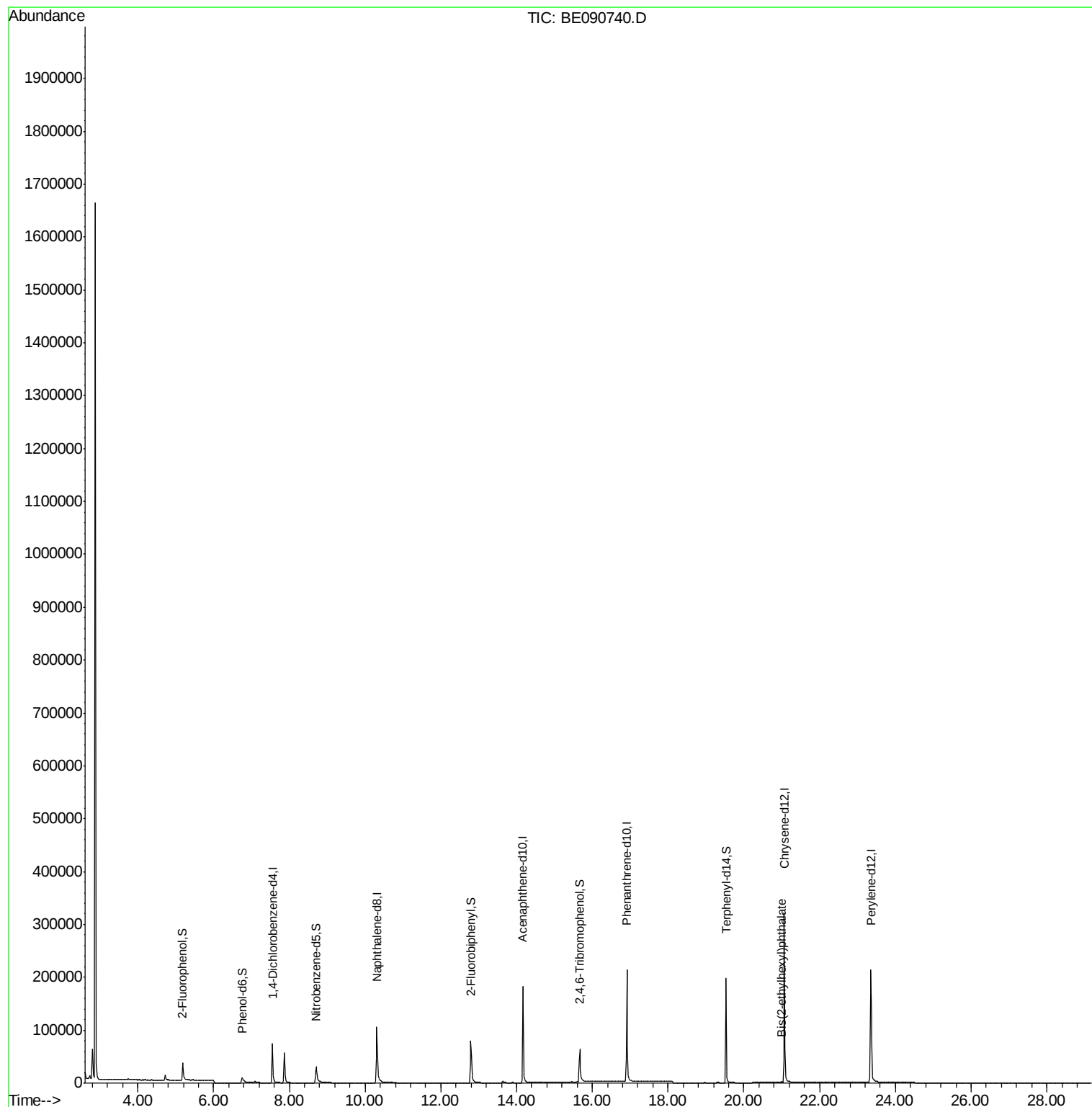
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min)       |
|--------------------------------|-------|------|----------|-------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4      | 7.55  | 152  | 43307    | 5.00  | ng    | 0.00           |
| 6) Naphthalene-d8              | 10.31 | 136  | 197420   | 5.00  | ng    | 0.00           |
| 12) Acenaphthene-d10           | 14.17 | 164  | 112299   | 5.00  | ng    | 0.00           |
| 18) Phenanthrene-d10           | 16.91 | 188  | 283280   | 5.00  | ng    | 0.00           |
| 25) Chrysene-d12               | 21.07 | 240  | 336011   | 5.00  | ng    | 0.00           |
| 32) Perylene-d12               | 23.36 | 264  | 309140   | 5.00  | ng    | 0.00           |
| System Monitoring Compounds    |       |      |          |       |       |                |
| 4) 2-Fluorophenol              | 5.18  | 112  | 33010    | 3.92  | ng    | 0.00           |
| 5) Phenol-d6                   | 6.75  | 99   | 24884    | 2.06  | ng    | 0.00           |
| 7) Nitrobenzene-d5             | 8.71  | 82   | 54395    | 4.17  | ng    | 0.00           |
| 13) 2,4,6-Tribromophenol       | 15.67 | 330  | 34724    | 10.48 | ng    | 0.00           |
| 14) 2-Fluorobiphenyl           | 12.79 | 172  | 120547   | 3.88  | ng    | 0.00           |
| 27) Terphenyl-d14              | 19.53 | 244  | 226600   | 6.10  | ng    | -0.01          |
| Target Compounds               |       |      |          |       |       |                |
| 30) Bis(2-ethylhexyl)phthalate | 21.00 | 149  | 2534     | 0.19  | ng    | Qvalue<br># 95 |

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

Data Path : Z:\HPCHEM1\BNA E\DATA\BE090415\  
Data File : BE090740.D  
Acq On : 4 Sep 2015 21:30  
Operator : UM/IZ  
Sample : G3562-07  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
090315-D534-F-D-B

Quant Time: Sep 07 01:12:23 2015  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE090115.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Sep 02 11:40:50 2015  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 838

Delta R.T. -0.00 min

Lab File: BE090740.D

Acq: 4 Sep 2015 21:30

Instrument :

BNA\_E

ClientSampleId :

090315-D534-F-D-B

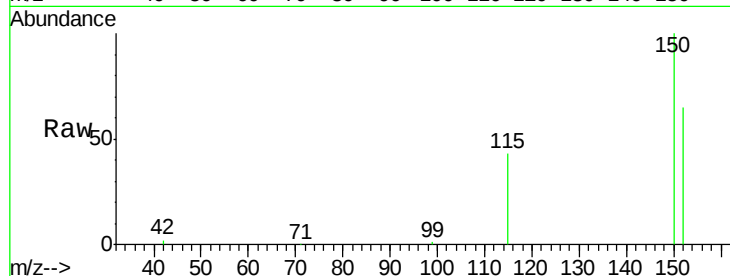
Tot Ion:152 Resp: 43307

Ion Ratio Lower Upper

152 100

150 154.2 122.2 183.4

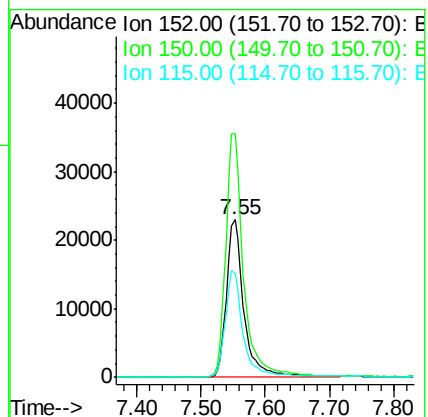
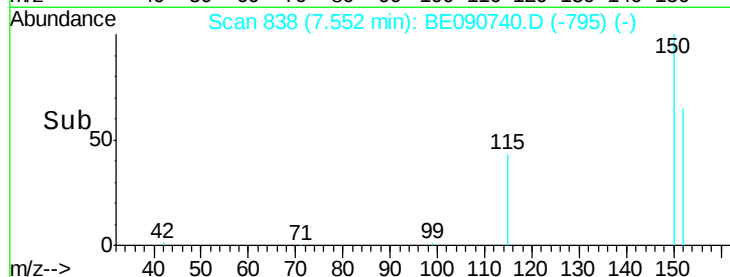
115 66.0 51.0 76.4



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



#4

2-Fluorophenol

Concen: 3.92 ng

RT: 5.18 min Scan# 381

Delta R.T. -0.01 min

Lab File: BE090740.D

Acq: 4 Sep 2015 21:30

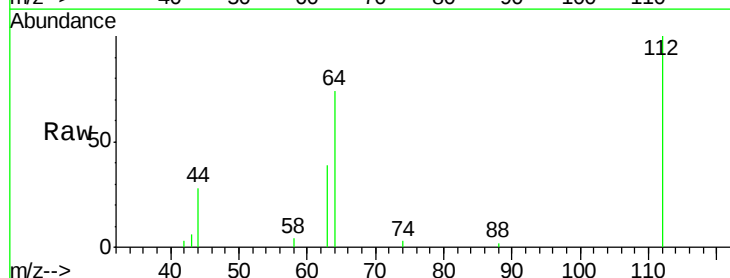
Tgt Ion:112 Resp: 33010

Ion Ratio Lower Upper

112 100

64 71.9 57.3 85.9

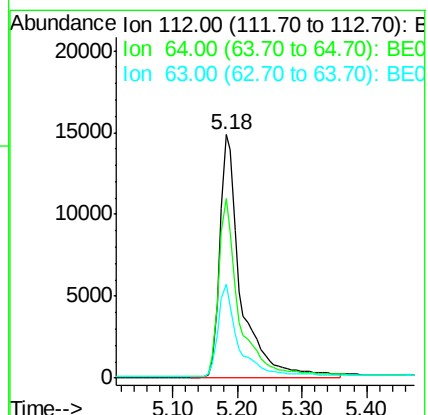
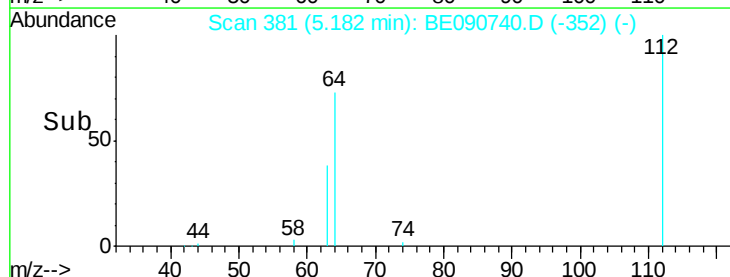
63 37.1 29.2 43.8

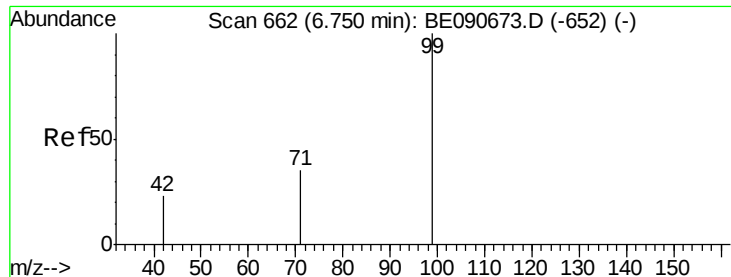


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 2.06 ng

RT: 6.75 min Scan# 662

Delta R.T. 0.00 min

Lab File: BE090740.D

Acq: 4 Sep 2015 21:30

Instrument :

BNA\_E

ClientSampleId :

090315-D534-F-D-B

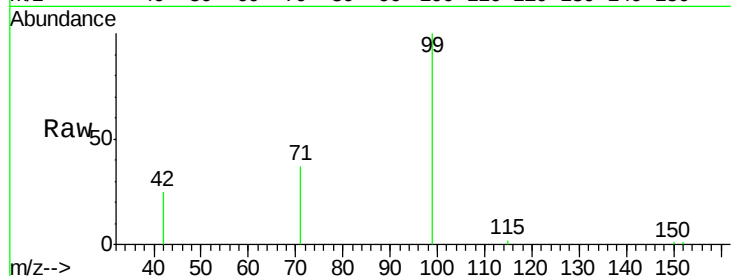
Tot Ion: 99 Resp: 24884

Ion Ratio Lower Upper

99 100

42 20.1 16.8 25.2

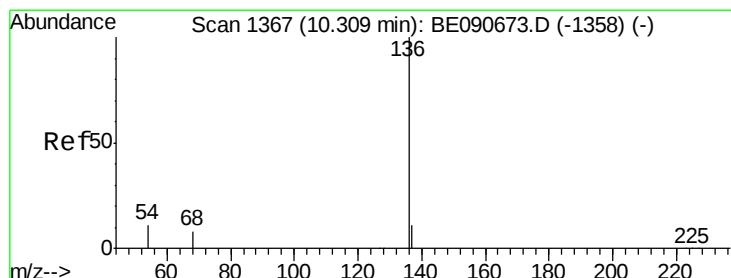
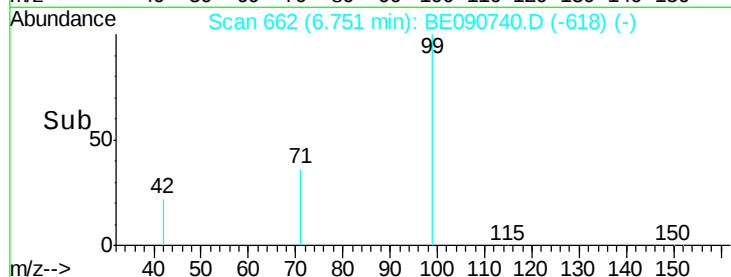
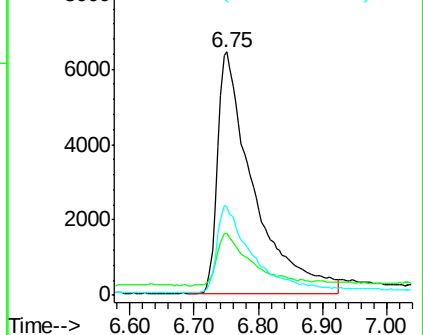
71 36.1 28.3 42.5



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BE090740.D

Acq: 4 Sep 2015 21:30

Tgt Ion: 136 Resp: 197420

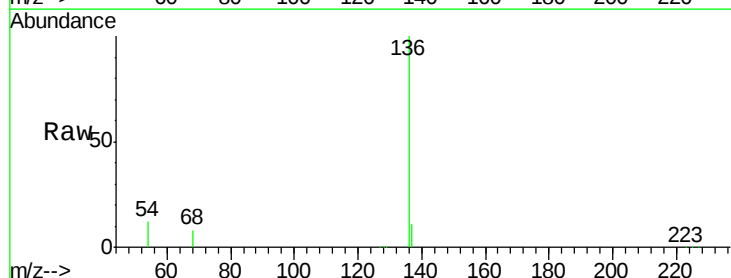
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 11.7 9.0 13.6

68 8.3 6.3 9.5

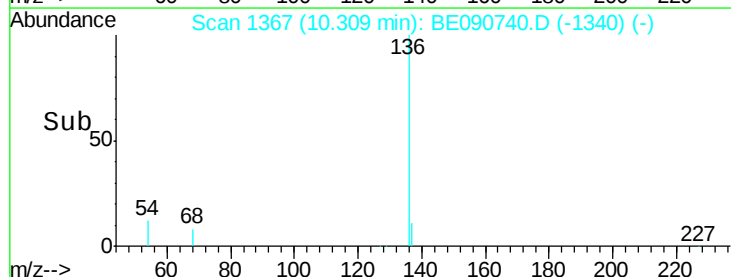
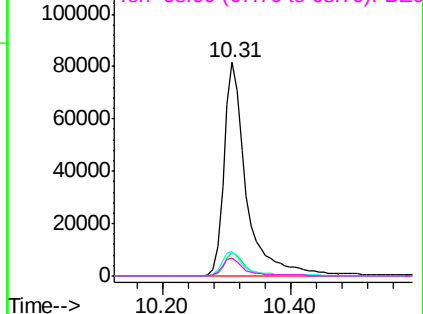


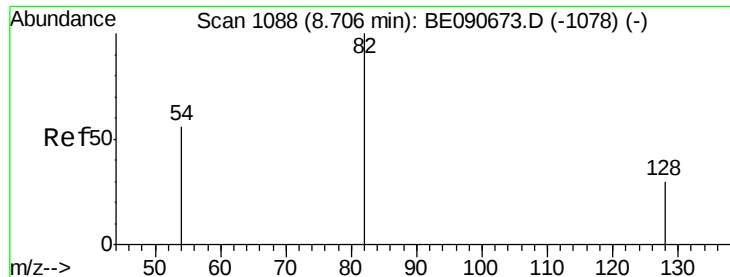
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#7

Nitrobenzene-d5

Concen: 4.17 ng

RT: 8.71 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BE090740.D

Acq: 4 Sep 2015 21:30

Instrument :

BNA\_E

ClientSampleId :

090315-D534-F-D-B

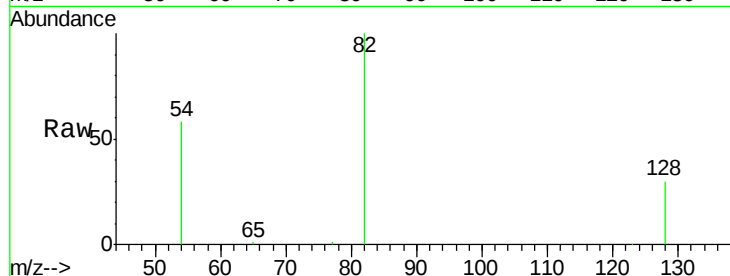
Tot Ion: 82 Resp: 54395

Ion Ratio Lower Upper

82 100

128 30.5 25.0 37.4

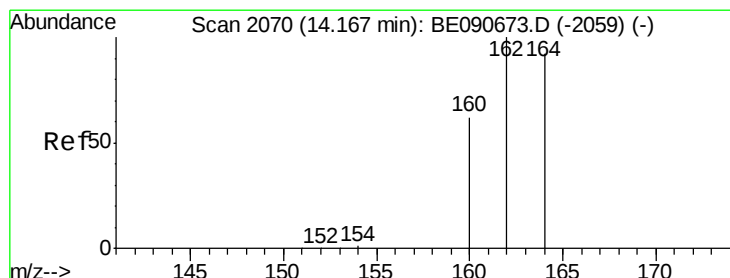
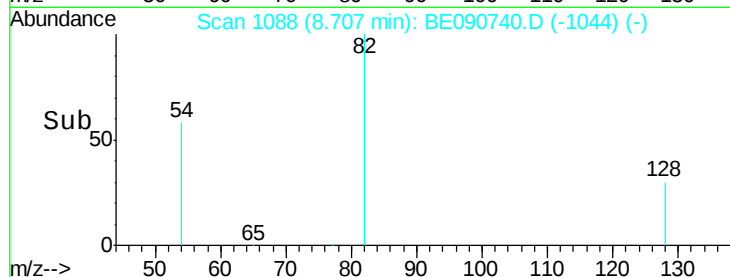
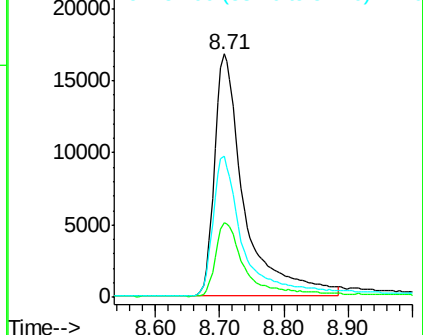
54 58.1 46.3 69.5



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 2070

Delta R.T. 0.00 min

Lab File: BE090740.D

Acq: 4 Sep 2015 21:30

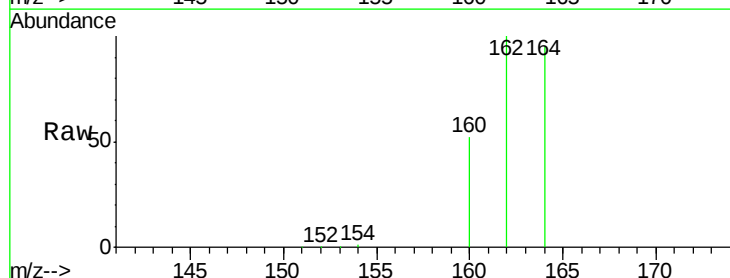
Tgt Ion: 164 Resp: 112299

Ion Ratio Lower Upper

164 100

162 105.1 86.8 130.2

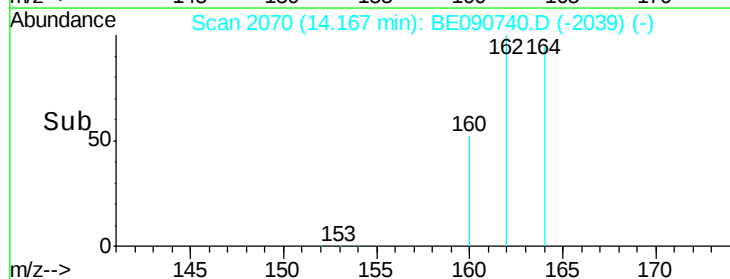
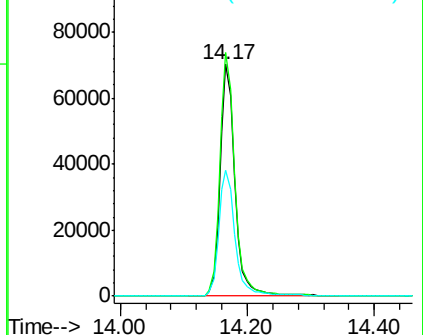
160 54.5 53.9 80.9



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

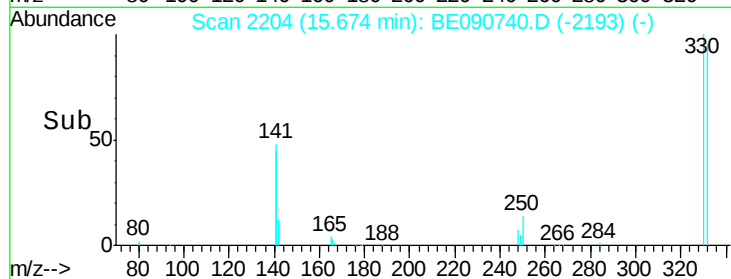
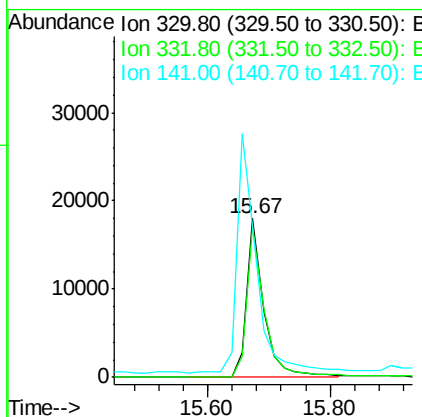
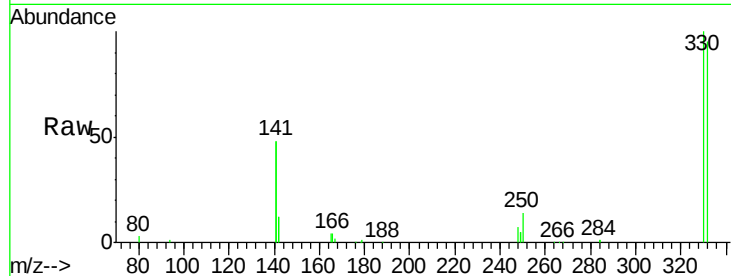




#13  
 2,4,6-Tribromophenol  
 Concen: 10.48 ng  
 RT: 15.67 min Scan# 2204  
 Delta R.T. -0.00 min  
 Lab File: BE090740.D  
 Acq: 4 Sep 2015 21:30

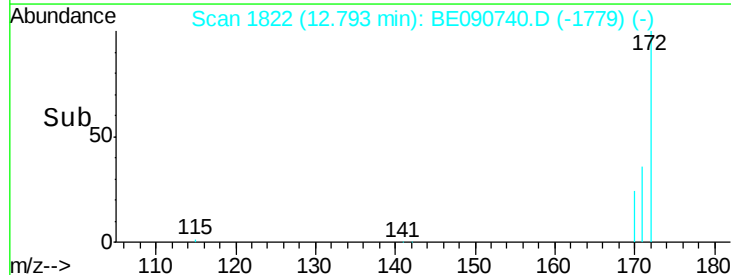
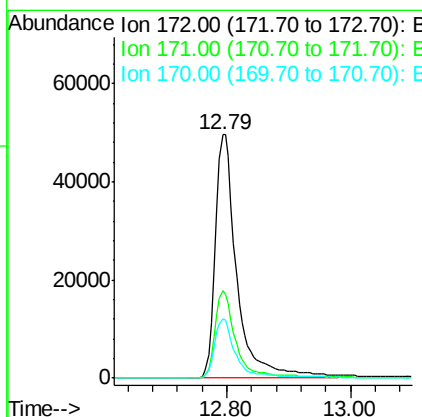
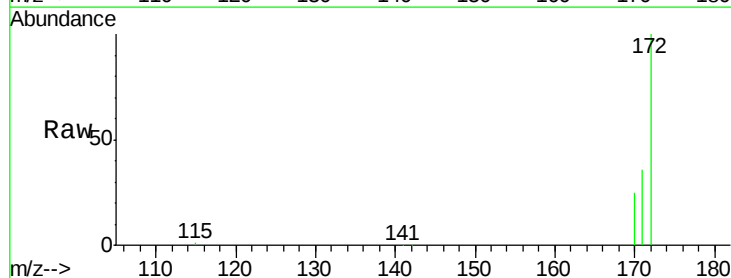
Instrument :  
 BNA\_E  
 ClientSampleId :  
 090315-D534-F-D-B

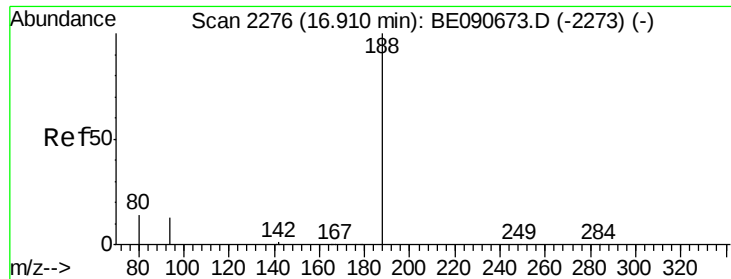
Tot Ion:330 Resp: 34724  
 Ion Ratio Lower Upper  
 330 100  
 332 96.4 74.9 112.3  
 141 171.6 145.2 217.8



#14  
 2-Fluorobiphenyl  
 Concen: 3.88 ng  
 RT: 12.79 min Scan# 1822  
 Delta R.T. -0.00 min  
 Lab File: BE090740.D  
 Acq: 4 Sep 2015 21:30

Tgt Ion:172 Resp: 120547  
 Ion Ratio Lower Upper  
 172 100  
 171 35.9 27.8 41.8  
 170 24.5 19.8 29.6





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.91 min Scan# 2275

Delta R.T. -0.00 min

Lab File: BE090740.D

Acq: 4 Sep 2015 21:30

Instrument :

BNA\_E

ClientSampleId :

090315-D534-F-D-B

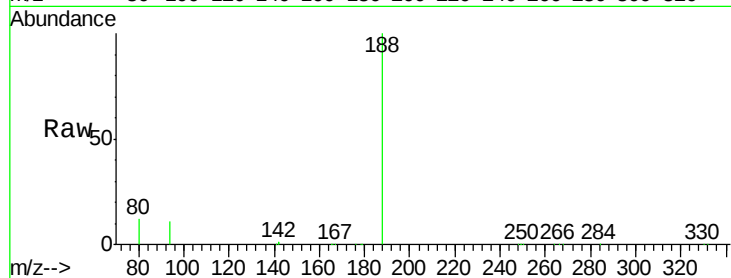
Tot Ion:188 Resp: 283280

Ion Ratio Lower Upper

188 100

94 11.2 10.3 15.5

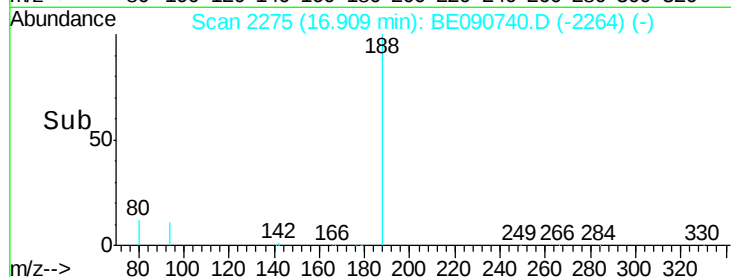
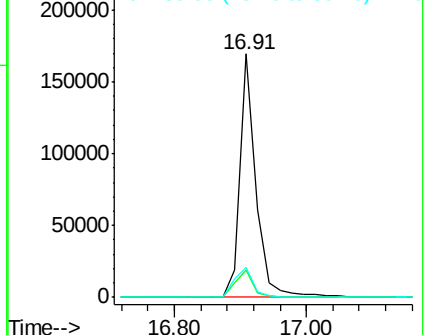
80 12.3 11.0 16.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BE090740.D

Acq: 4 Sep 2015 21:30

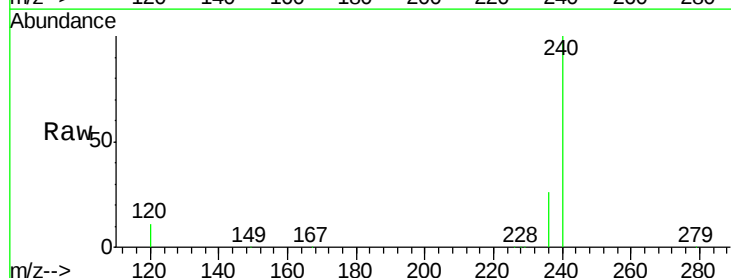
Tgt Ion:240 Resp: 336011

Ion Ratio Lower Upper

240 100

120 10.6 10.1 15.1

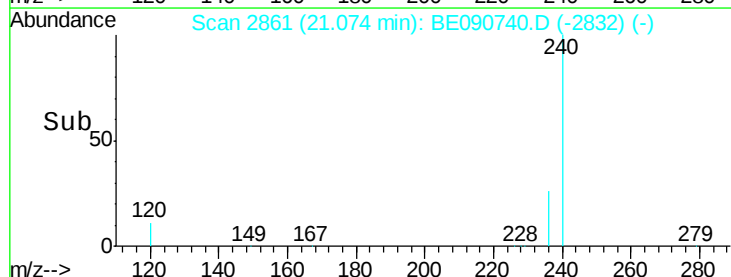
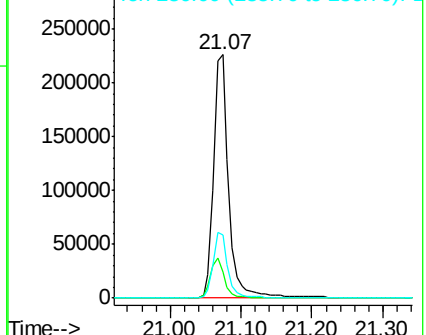
236 26.1 21.9 32.9



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





#27

Terphenyl-d14

Concen: 6.10 ng

RT: 19.53 min Scan# 2608

Delta R.T. -0.01 min

Lab File: BE090740.D

Acq: 4 Sep 2015 21:30

Instrument :

BNA\_E

ClientSampleId :

090315-D534-F-D-B

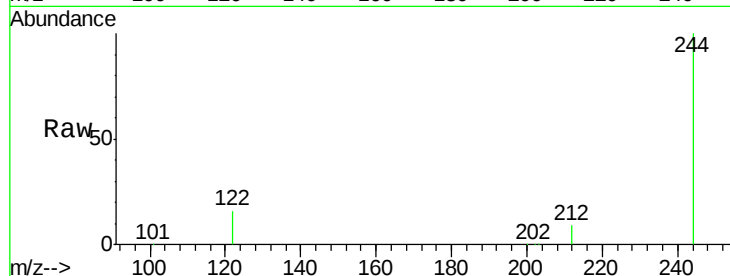
Tot Ion:244 Resp: 226600

Ion Ratio Lower Upper

244 100

212 8.5 6.9 10.3

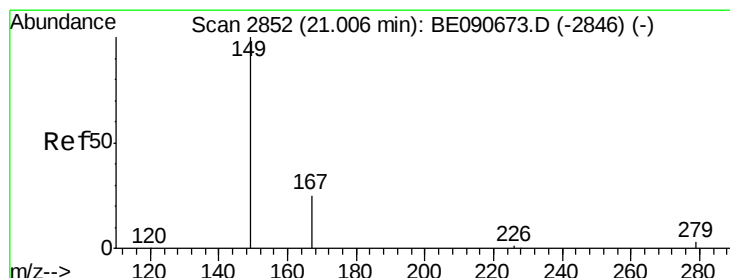
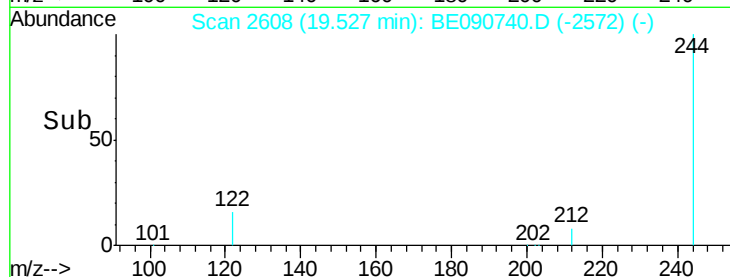
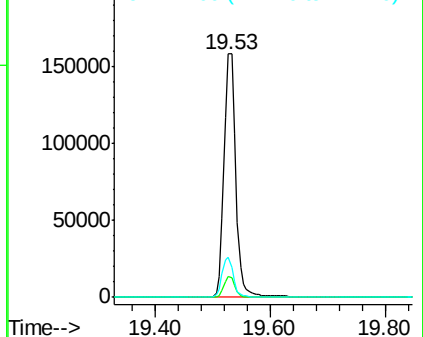
122 16.3 12.9 19.3



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



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.19 ng

RT: 21.00 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BE090740.D

Acq: 4 Sep 2015 21:30

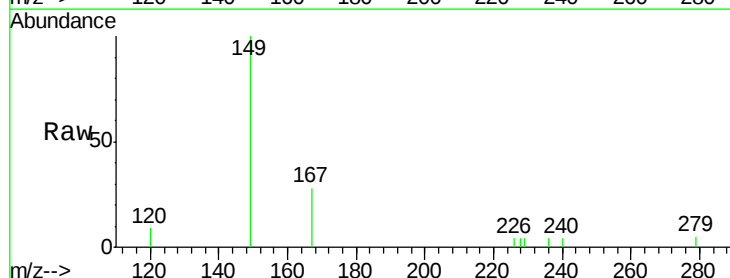
Tgt Ion:149 Resp: 2534

Ion Ratio Lower Upper

149 100

167 22.3 20.1 30.1

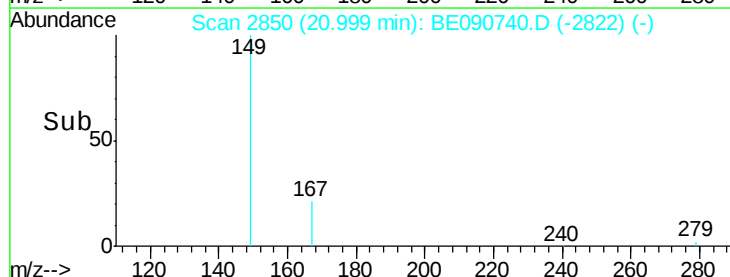
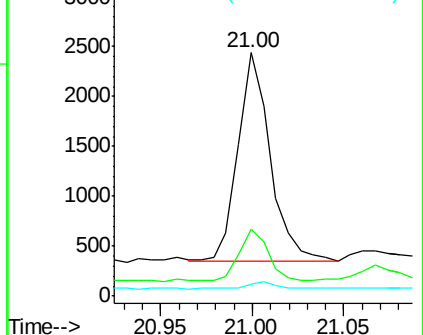
279 3.6 2.3 3.5#

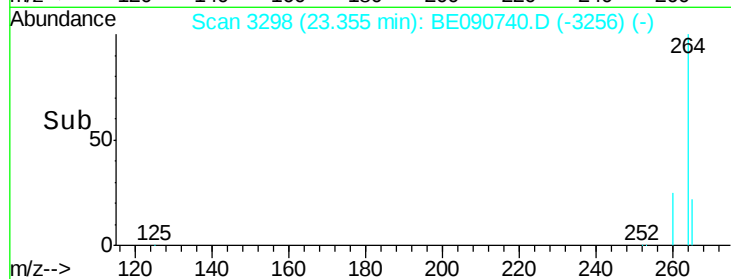


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#32  
 Pervlene-d12  
 Concen: 5.00 ng  
 RT: 23.36 min Scan# 3298  
 Delta R.T. -0.01 min  
 Lab File: BE090740.D  
 Acq: 4 Sep 2015 21:30

Instrument :  
 BNA\_E  
 ClientSampleId :  
 090315-D534-F-D-B

Tot Ion: 264 Resp: 309140  
 Ion Ratio Lower Upper  
 264 100  
 260 25.1 19.7 29.5  
 265 21.9 17.5 26.3

