

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE081215\  
 Data File : BE090463.D  
 Acq On : 12 Aug 2015 12:30  
 Operator : UM/IZ  
 Sample : G3236-12  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 080915-D534-E-U-S

Quant Time: Aug 13 01:30:46 2015  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE080515.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 06 12:28:08 2015  
 Response via : Initial Calibration

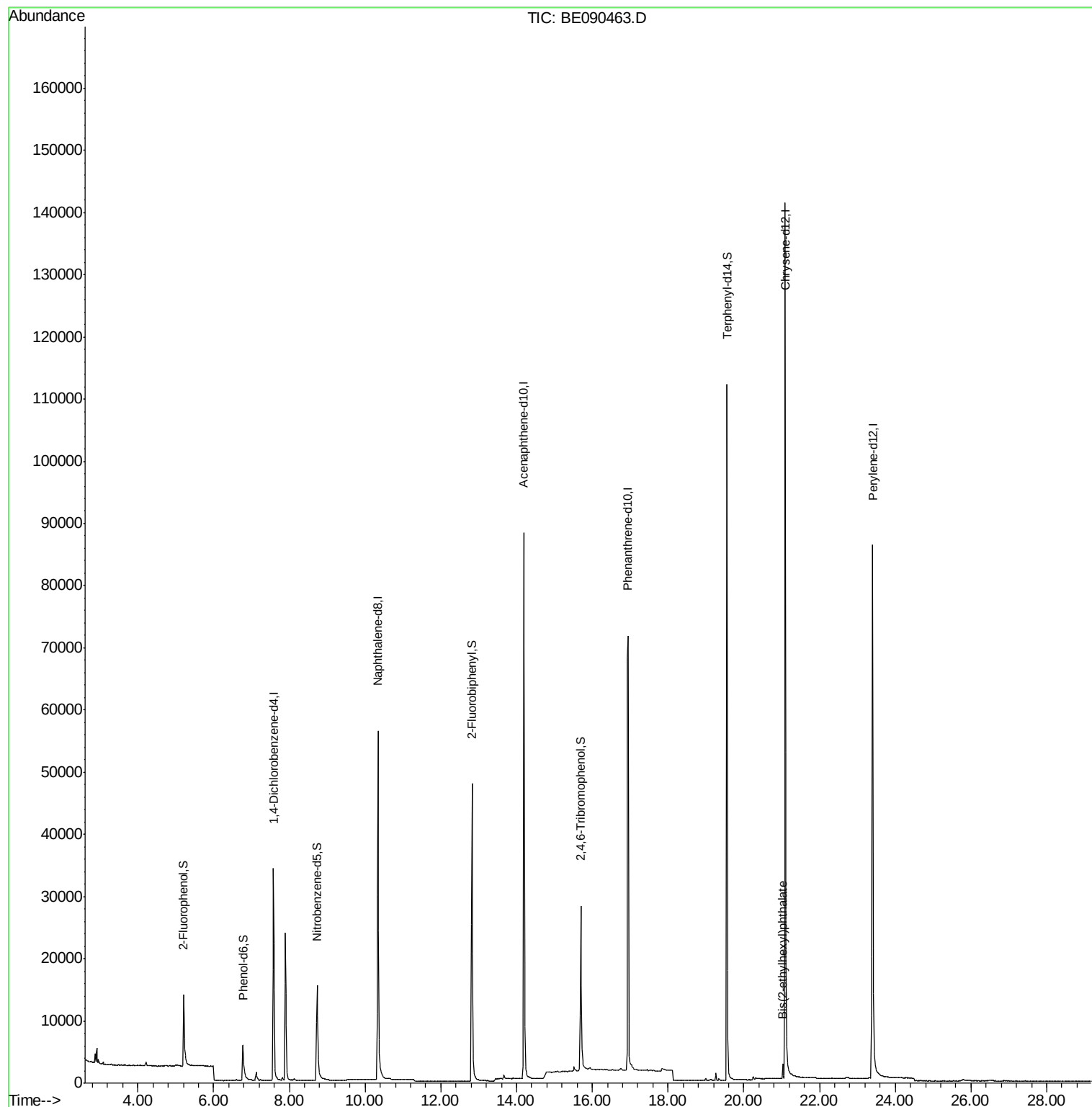
| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min)     |
|--------------------------------|-------|------|----------|------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4      | 7.58  | 152  | 19107    | 5.00 | ng    | 0.00         |
| 6) Naphthalene-d8              | 10.34 | 136  | 88848    | 5.00 | ng    | 0.00         |
| 12) Acenaphthene-d10           | 14.19 | 164  | 51761    | 5.00 | ng    | 0.00         |
| 18) Phenanthrene-d10           | 16.94 | 188  | 124788   | 5.00 | ng    | 0.00         |
| 25) Chrysene-d12               | 21.09 | 240  | 144534   | 5.00 | ng    | 0.00         |
| 32) Perylene-d12               | 23.40 | 264  | 127178   | 5.00 | ng    | 0.00         |
| System Monitoring Compounds    |       |      |          |      |       |              |
| 4) 2-Fluorophenol              | 5.22  | 112  | 11684    | 4.08 | ng    | 0.00         |
| 5) Phenol-d6                   | 6.77  | 99   | 11191    | 1.99 | ng    | 0.00         |
| 7) Nitrobenzene-d5             | 8.73  | 82   | 22014    | 3.12 | ng    | 0.00         |
| 13) 2,4,6-Tribromophenol       | 15.69 | 330  | 13751    | 8.45 | ng    | -0.02        |
| 14) 2-Fluorobiphenyl           | 12.82 | 172  | 56045    | 3.94 | ng    | 0.00         |
| 27) Terphenyl-d14              | 19.55 | 244  | 117030   | 5.50 | ng    | -0.01        |
| Target Compounds               |       |      |          |      |       |              |
| 30) Bis(2-ethylhexyl)phthalate | 21.03 | 149  | 2194     | 0.39 | ng    | Qvalue<br>97 |

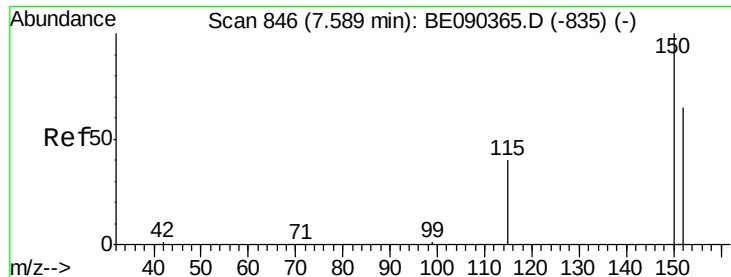
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE081215\  
Data File : BE090463.D  
Acq On : 12 Aug 2015 12:30  
Operator : UM/IZ  
Sample : G3236-12  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
080915-D534-E-U-S

Quant Time: Aug 13 01:30:46 2015  
Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE080515.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Aug 06 12:28:08 2015  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.58 min Scan# 845

Delta R.T. -0.01 min

Lab File: BE090463.D

Acq: 12 Aug 2015 12:30

Instrument :

BNA\_E

ClientSampleId :

080915-D534-E-U-S

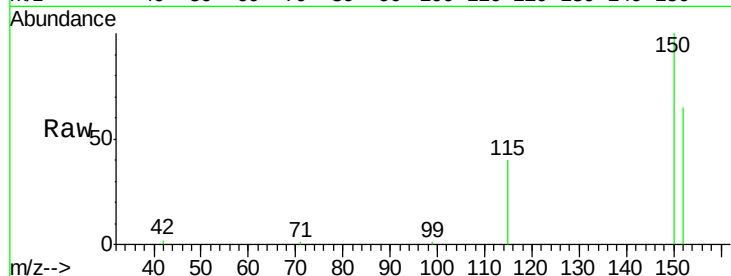
Tgt Ion:152 Resp: 19107

Ion Ratio Lower Upper

152 100

150 153.8 123.0 184.4

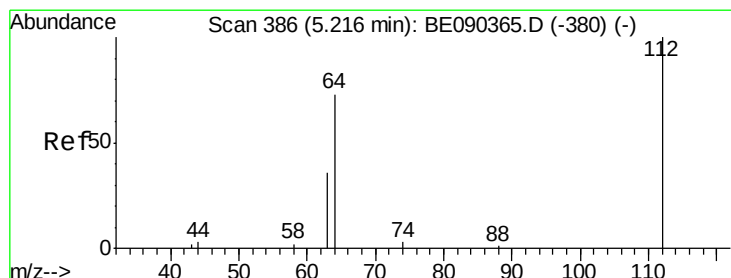
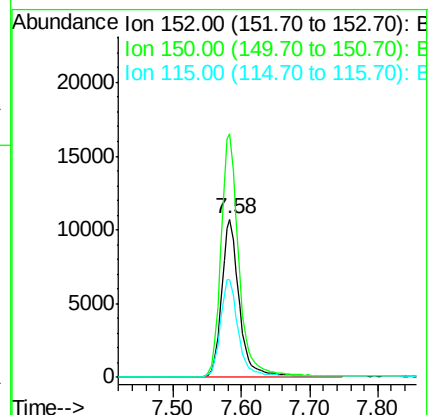
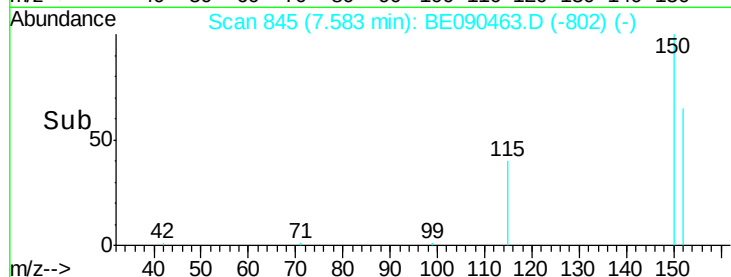
115 61.5 48.9 73.3



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: 4.08 ng

RT: 5.22 min Scan# 386

Delta R.T. 0.00 min

Lab File: BE090463.D

Acq: 12 Aug 2015 12:30

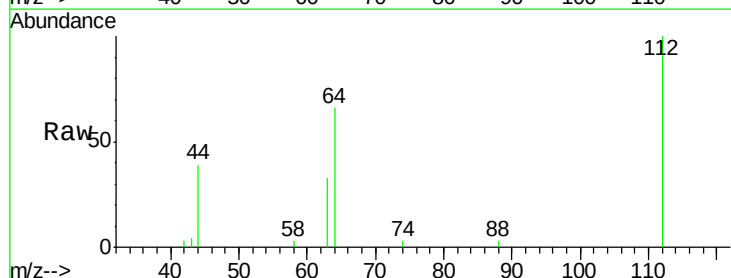
Tgt Ion:112 Resp: 11684

Ion Ratio Lower Upper

112 100

64 70.2 37.1 55.7#

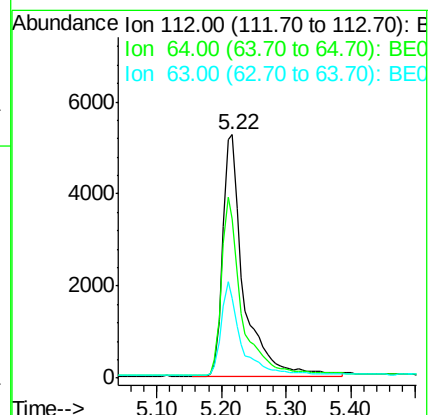
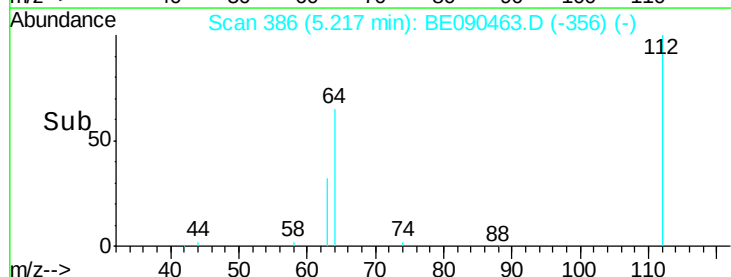
63 36.8 19.5 29.3#

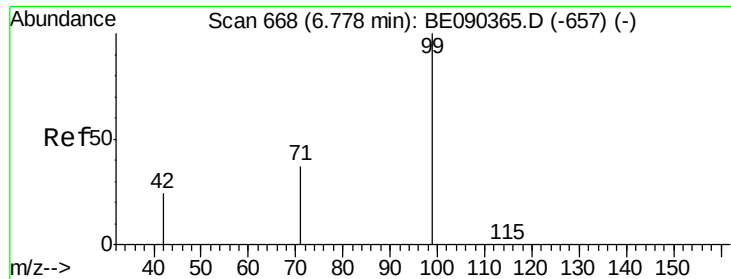


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.99 ng

RT: 6.77 min Scan# 667

Delta R.T. -0.01 min

Lab File: BE090463.D

Acq: 12 Aug 2015 12:30

Instrument :

BNA\_E

ClientSampleId :

080915-D534-E-U-S

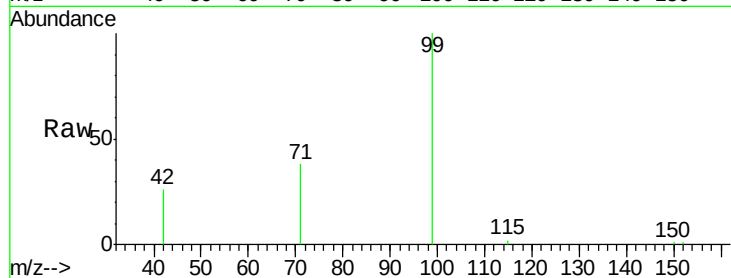
Tgt Ion: 99 Resp: 11191

Ion Ratio Lower Upper

99 100

42 21.0 18.2 27.4

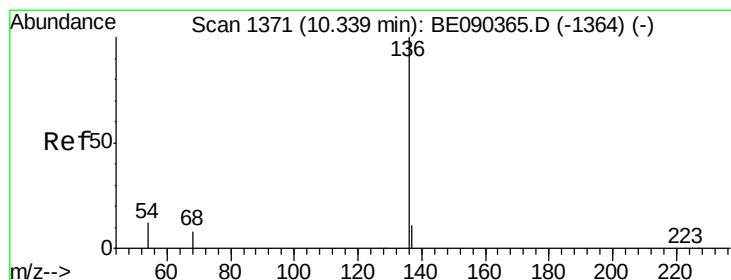
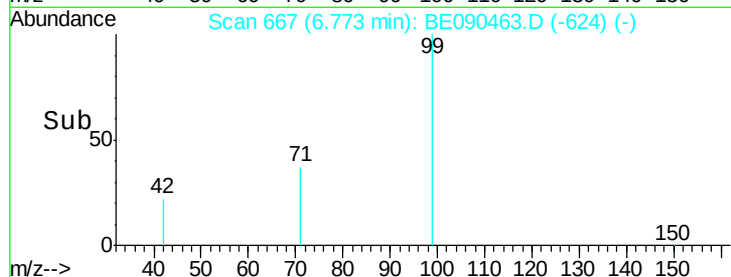
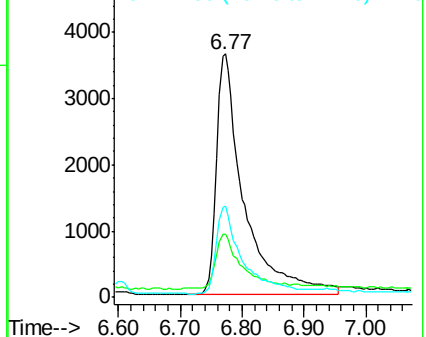
71 35.0 27.4 41.0



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: 10.34 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BE090463.D

Acq: 12 Aug 2015 12:30

Tgt Ion: 136 Resp: 88848

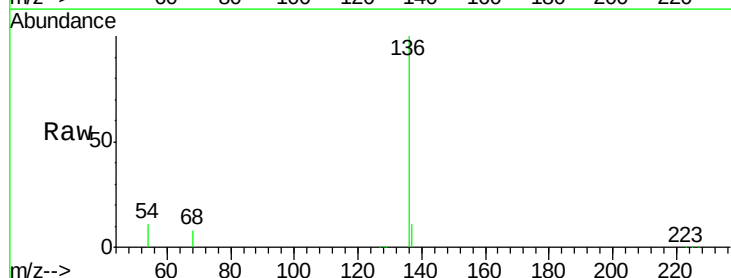
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 10.7 9.4 14.0

68 7.8 6.5 9.7

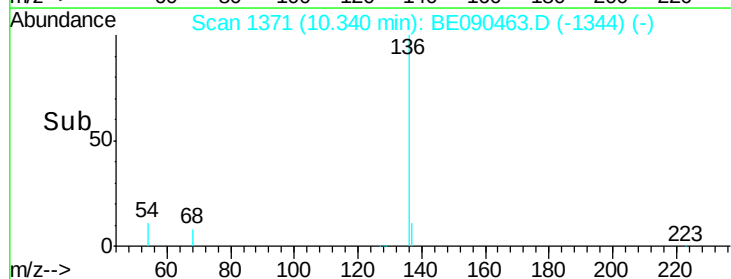
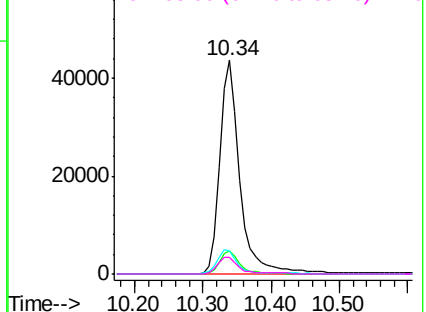


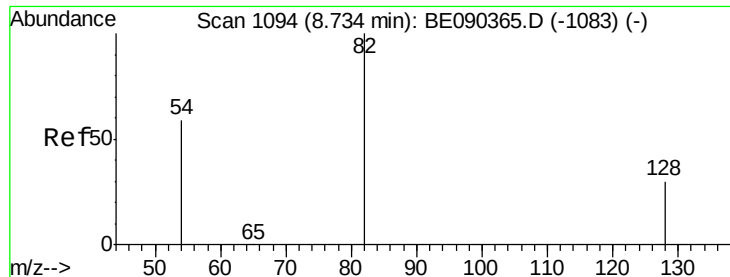
Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.12 ng

RT: 8.73 min Scan# 1093

Delta R.T. -0.00 min

Lab File: BE090463.D

Acq: 12 Aug 2015 12:30

Instrument :

BNA\_E

ClientSampleId :

080915-D534-E-U-S

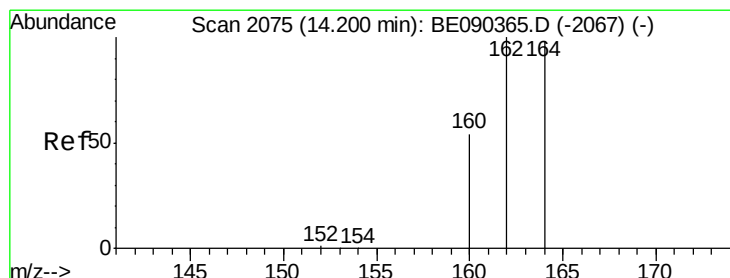
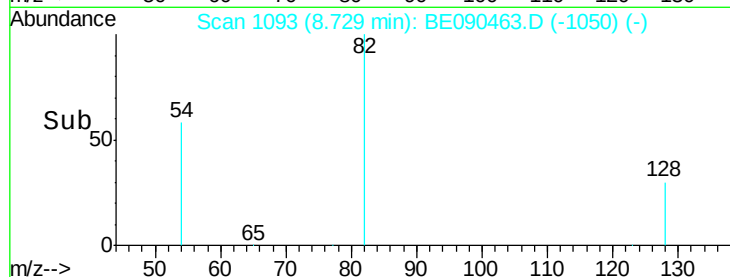
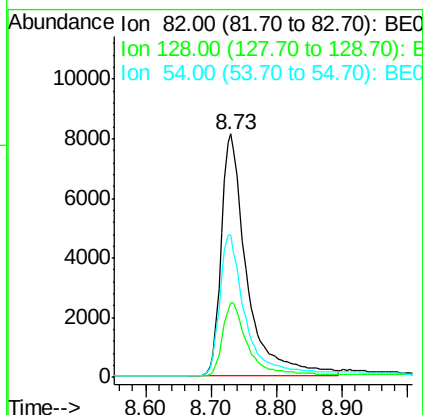
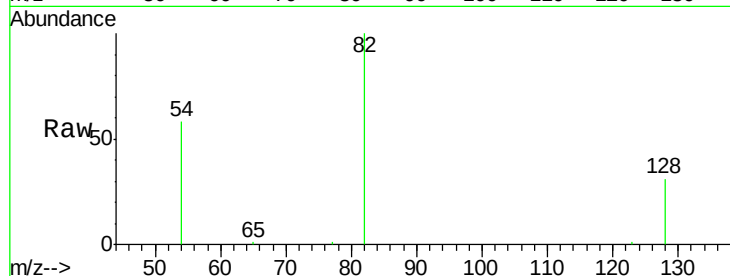
Tgt Ion: 82 Resp: 22014

Ion Ratio Lower Upper

82 100

128 30.8 25.0 37.6

54 58.4 48.8 73.2



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.19 min Scan# 2075

Delta R.T. -0.01 min

Lab File: BE090463.D

Acq: 12 Aug 2015 12:30

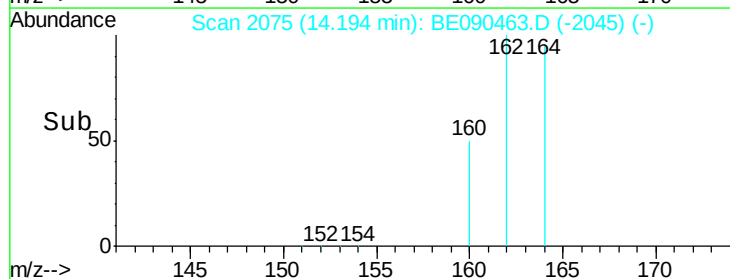
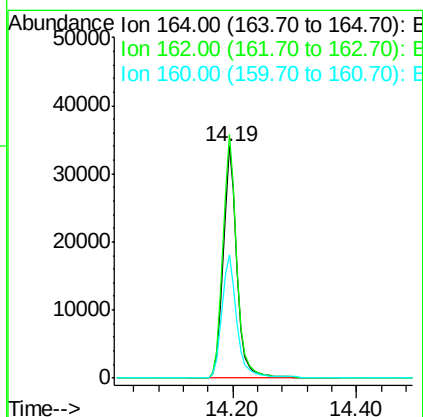
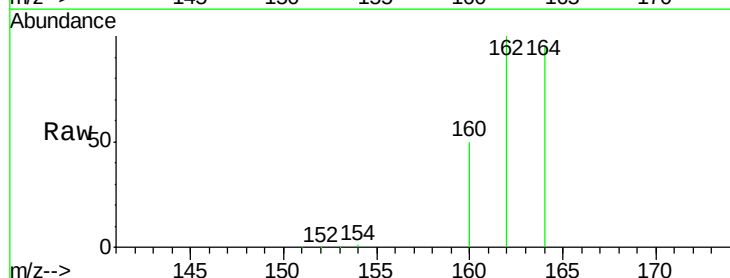
Tgt Ion: 164 Resp: 51761

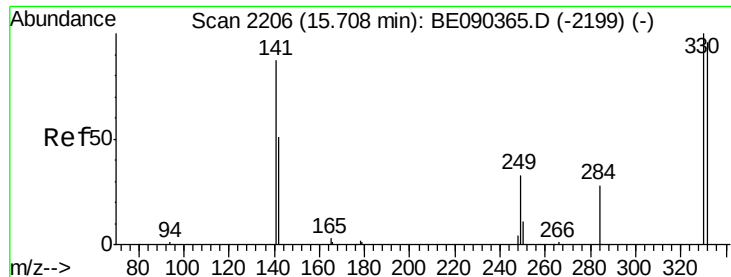
Ion Ratio Lower Upper

164 100

162 104.9 81.8 122.8

160 52.9 44.2 66.4

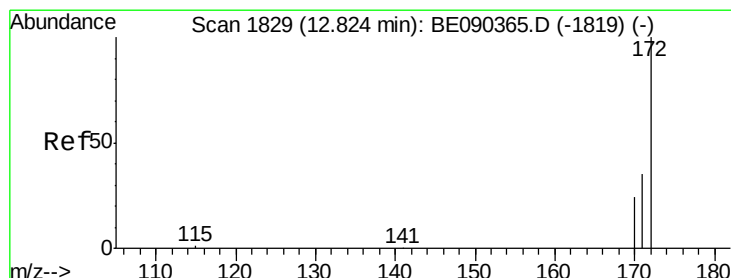
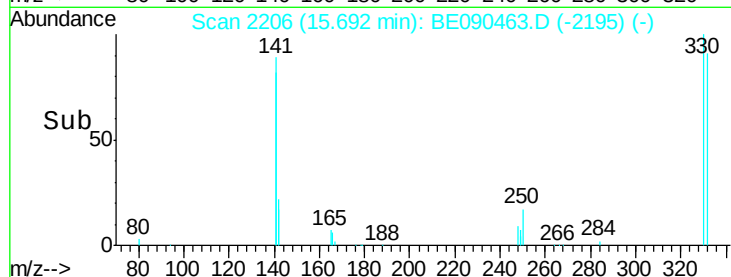
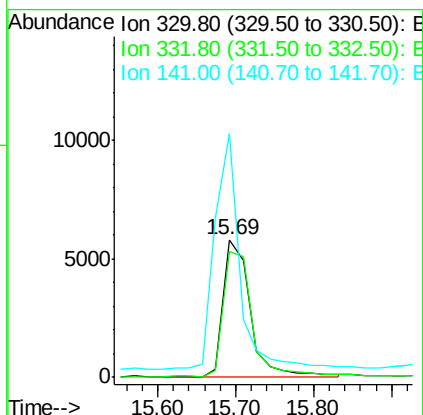
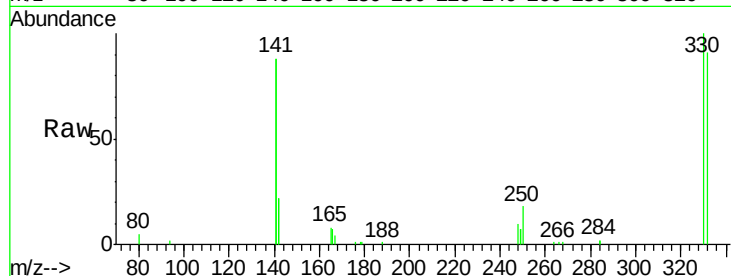




#13  
 2,4,6-Tribromophenol  
 Concen: 8.45 ng  
 RT: 15.69 min Scan# 2206  
 Delta R.T. -0.02 min  
 Lab File: BE090463.D  
 Acq: 12 Aug 2015 12:30

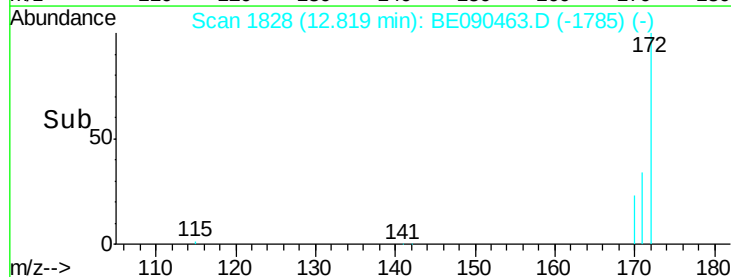
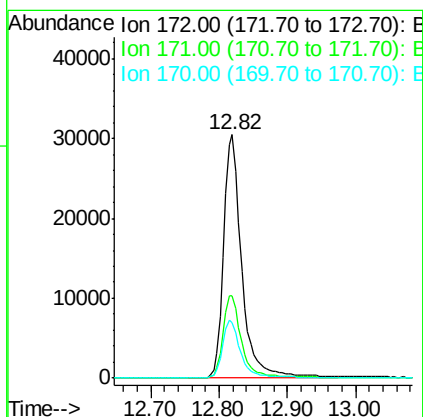
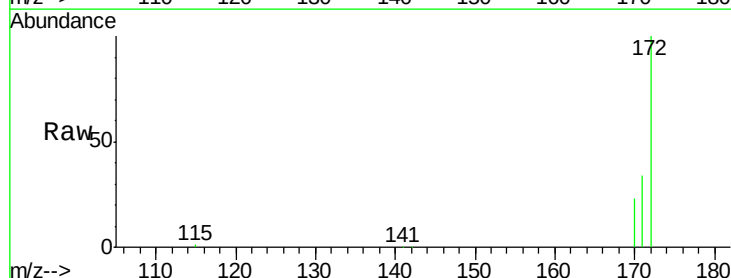
Instrument :  
 BNA\_E  
 ClientSampleId :  
 080915-D534-E-U-S

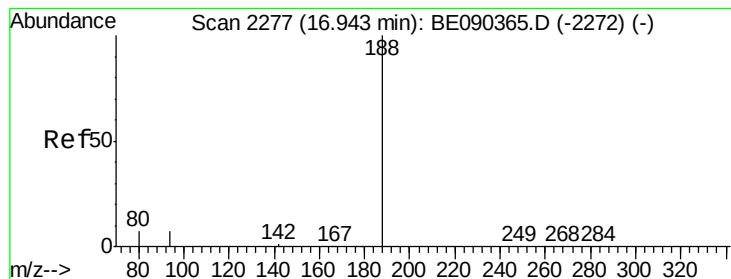
Tgt Ion: 330 Resp: 13751  
 Ion Ratio Lower Upper  
 330 100  
 332 96.2 75.8 113.6  
 141 158.9 114.4 171.6



#14  
 2-Fluorobiphenyl  
 Concen: 3.94 ng  
 RT: 12.82 min Scan# 1828  
 Delta R.T. -0.00 min  
 Lab File: BE090463.D  
 Acq: 12 Aug 2015 12:30

Tgt Ion: 172 Resp: 56045  
 Ion Ratio Lower Upper  
 172 100  
 171 33.9 28.5 42.7  
 170 22.8 19.8 29.8





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.94 min Scan# 2278

Delta R.T. 0.00 min

Lab File: BE090463.D

Acq: 12 Aug 2015 12:30

Instrument :

BNA\_E

ClientSampleId :

080915-D534-E-U-S

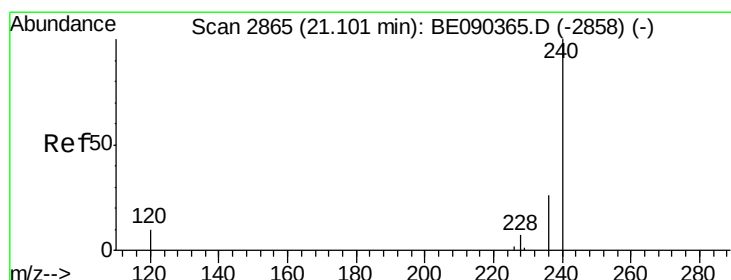
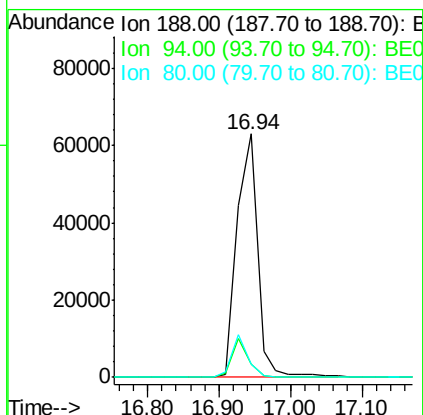
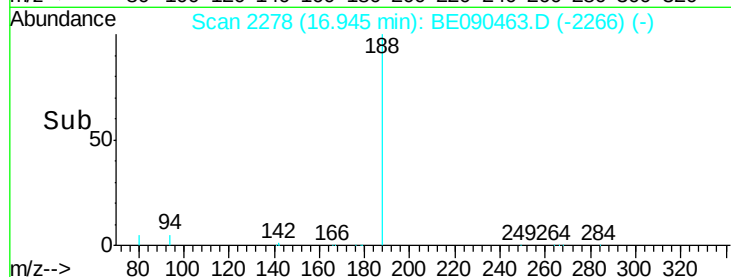
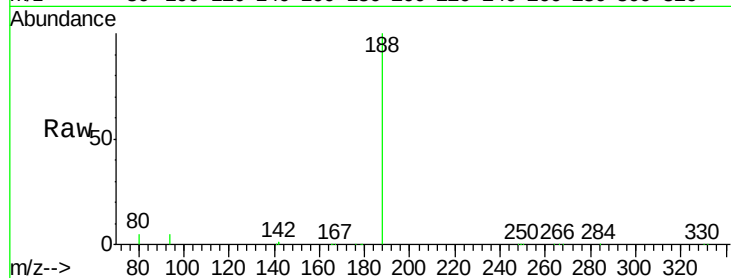
Tgt Ion:188 Resp: 124788

Ion Ratio Lower Upper

188 100

94 5.2 5.7 8.5#

80 5.3 5.8 8.8#



#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BE090463.D

Acq: 12 Aug 2015 12:30

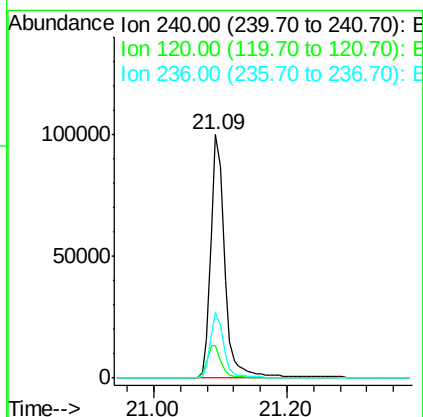
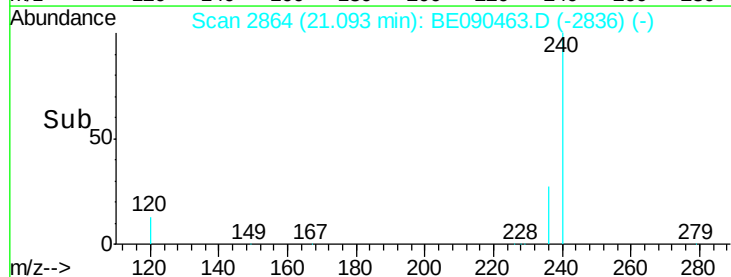
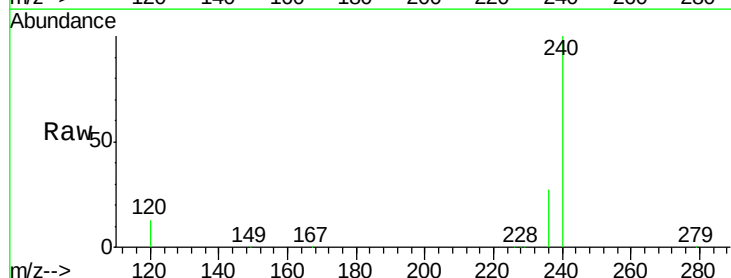
Tgt Ion:240 Resp: 144534

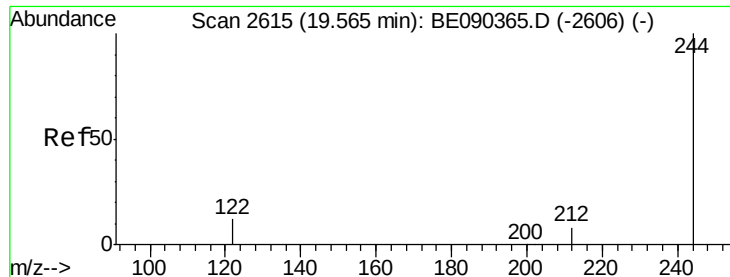
Ion Ratio Lower Upper

240 100

120 13.1 8.3 12.5#

236 27.2 21.0 31.4





#27

Terphenyl-d14

Concen: 5.50 ng

RT: 19.55 min Scan# 2614

Delta R.T. -0.01 min

Lab File: BE090463.D

Acq: 12 Aug 2015 12:30

Instrument :

BNA\_E

ClientSampleId :

080915-D534-E-U-S

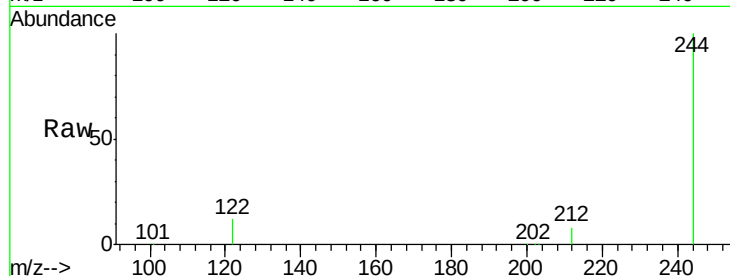
Tgt Ion:244 Resp: 117030

Ion Ratio Lower Upper

244 100

212 8.0 6.6 9.8

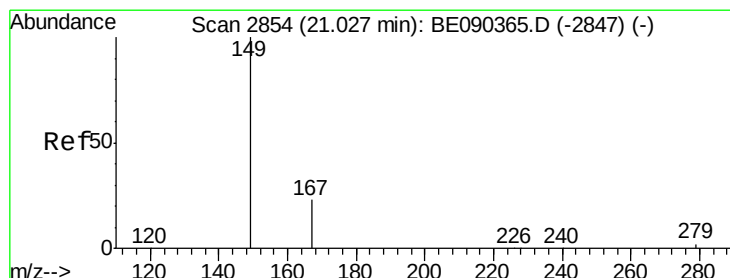
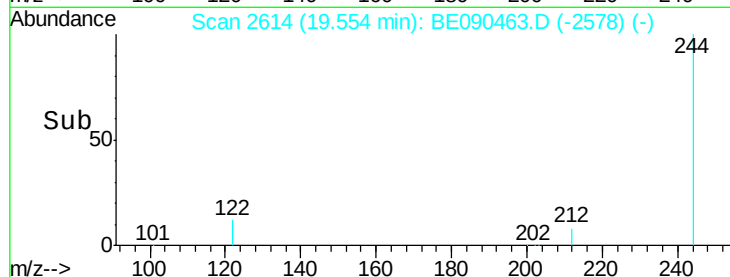
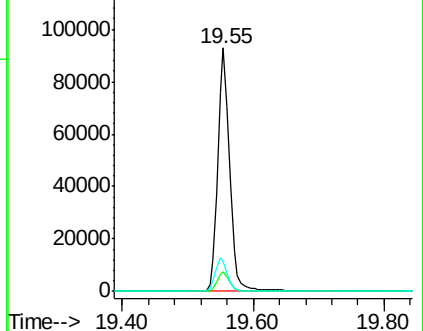
122 12.1 10.2 15.4



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: 0.39 ng

RT: 21.03 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BE090463.D

Acq: 12 Aug 2015 12:30

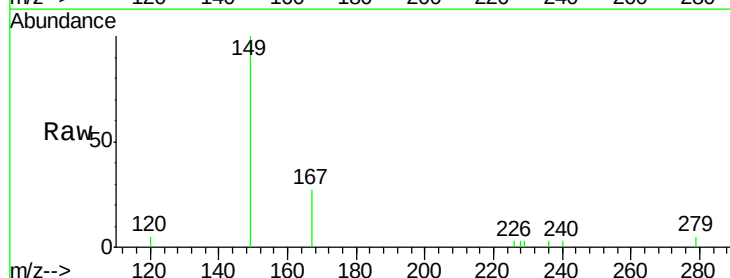
Tgt Ion:149 Resp: 2194

Ion Ratio Lower Upper

149 100

167 23.3 19.8 29.8

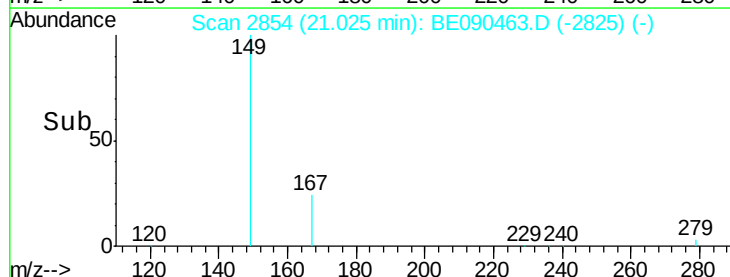
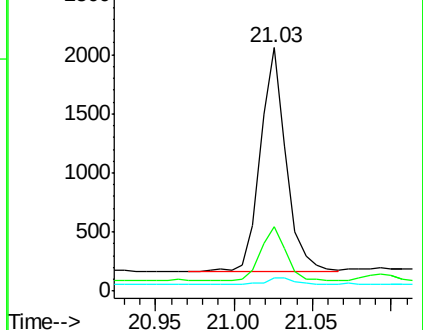
279 3.3 2.4 3.6



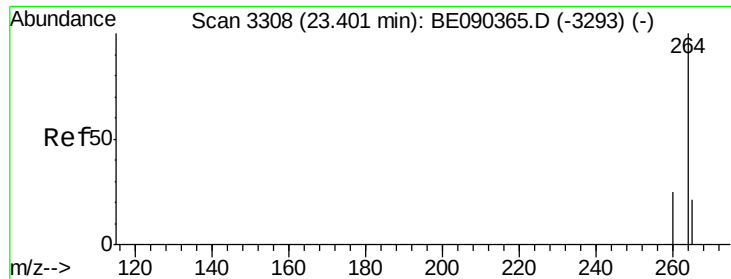
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E







#32  
Perylene-d12  
Concen: 5.00 ng  
RT: 23.40 min Scan# 3308  
Delta R.T. -0.00 min  
Lab File: BE090463.D  
Acq: 12 Aug 2015 12:30

Instrument :  
BNA\_E  
ClientSampleId :  
080915-D534-E-U-S

Tgt Ion: 264 Resp: 127178  
Ion Ratio Lower Upper  
264 100  
260 24.6 20.1 30.1  
265 22.1 17.2 25.8

