

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE091515\  
 Data File : BE090840.D  
 Acq On : 15 Sep 2015 19:25  
 Operator : UM/IZ  
 Sample : G3659-03  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 091315-PRKA-F-U-B

Quant Time: Sep 16 05:54:45 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

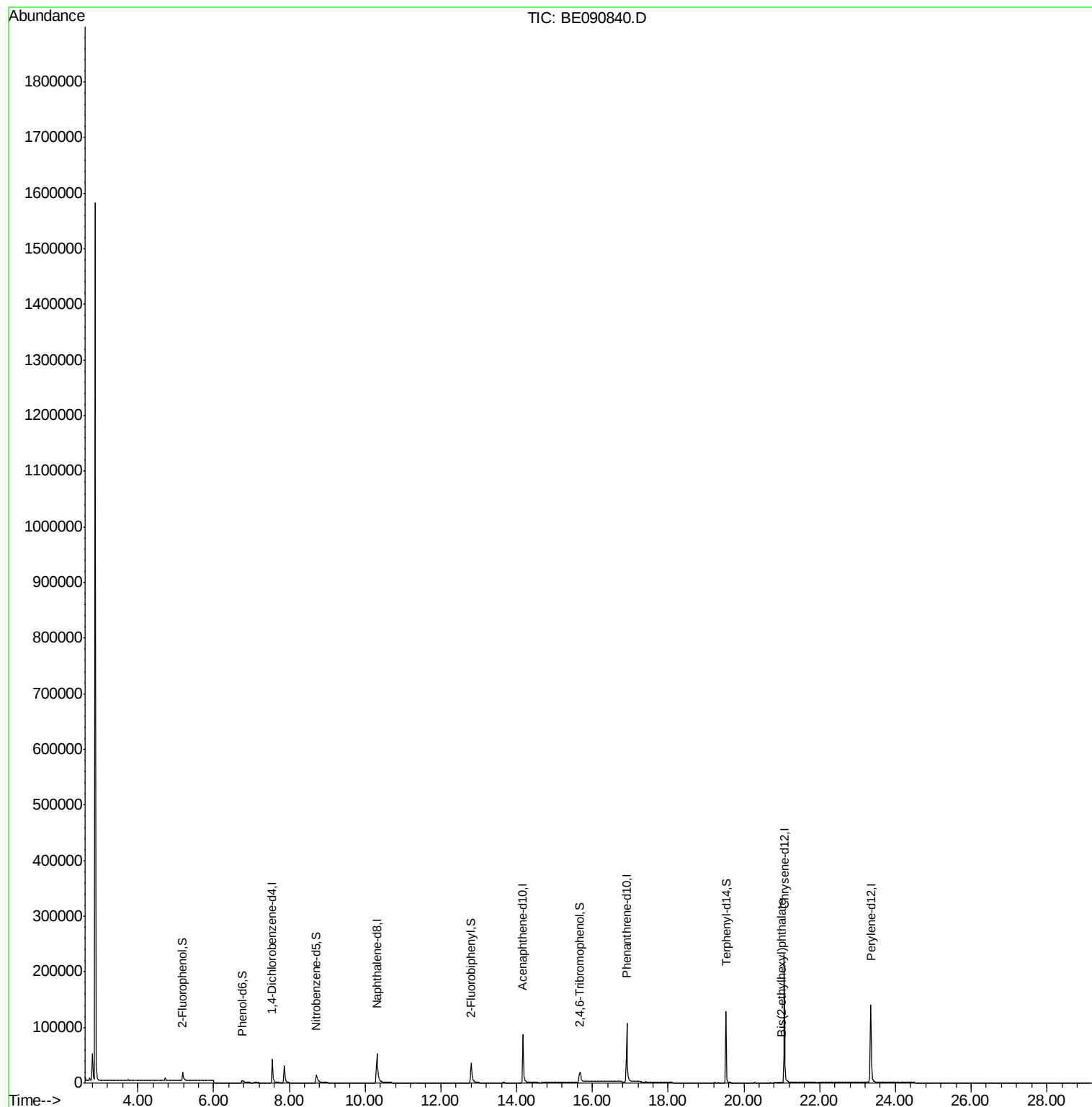
| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min)     |
|--------------------------------|-------|------|----------|------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4      | 7.55  | 152  | 27238    | 5.00 | ng    | 0.00         |
| 6) Naphthalene-d8              | 10.31 | 136  | 117207   | 5.00 | ng    | 0.00         |
| 12) Acenaphthene-d10           | 14.17 | 164  | 58132    | 5.00 | ng    | 0.00         |
| 18) Phenanthrene-d10           | 16.91 | 188  | 160456   | 5.00 | ng    | 0.00         |
| 25) Chrysene-d12               | 21.07 | 240  | 231145   | 5.00 | ng    | 0.00         |
| 32) Perylene-d12               | 23.35 | 264  | 205833   | 5.00 | ng    | -0.01        |
| System Monitoring Compounds    |       |      |          |      |       |              |
| 4) 2-Fluorophenol              | 5.18  | 112  | 17295    | 3.27 | ng    | 0.00         |
| 5) Phenol-d6                   | 6.75  | 99   | 13507    | 1.78 | ng    | 0.00         |
| 7) Nitrobenzene-d5             | 8.72  | 82   | 28733    | 3.71 | ng    | 0.00         |
| 13) 2,4,6-Tribromophenol       | 15.68 | 330  | 11813    | 6.94 | ng    | 0.00         |
| 14) 2-Fluorobiphenyl           | 12.80 | 172  | 63700    | 3.96 | ng    | 0.00         |
| 27) Terphenyl-d14              | 19.53 | 244  | 140478   | 5.49 | ng    | -0.01        |
| Target Compounds               |       |      |          |      |       |              |
| 30) Bis(2-ethylhexyl)phthalate | 21.00 | 149  | 1647     | 0.19 | ng    | Qvalue<br>99 |

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

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Data File : BE090840.D  
Acq On : 15 Sep 2015 19:25  
Operator : UM/IZ  
Sample : G3659-03  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
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Quant Time: Sep 16 05:54:45 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# 837

Delta R.T. -0.01 min

Lab File: BE090840.D

Acq: 15 Sep 2015 19:25

Instrument :

BNA\_E

ClientSampleId :

091315-PRKA-F-U-B

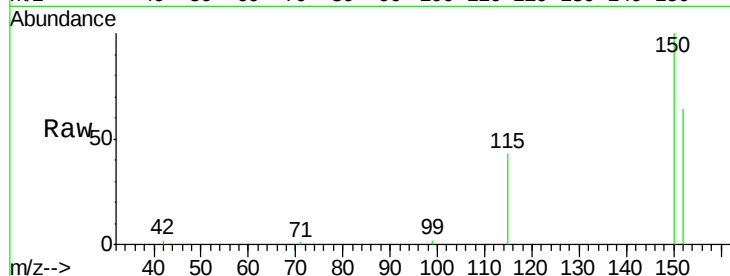
Tgt Ion:152 Resp: 27238

Ion Ratio Lower Upper

152 100

150 157.2 122.2 183.4

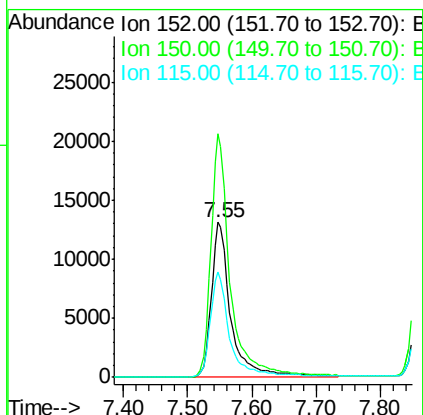
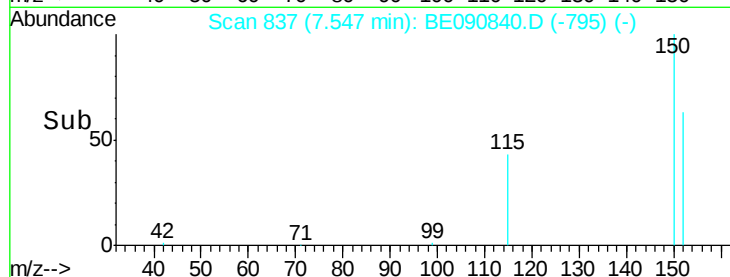
115 67.9 51.0 76.4



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: 3.27 ng

RT: 5.18 min Scan# 381

Delta R.T. -0.01 min

Lab File: BE090840.D

Acq: 15 Sep 2015 19:25

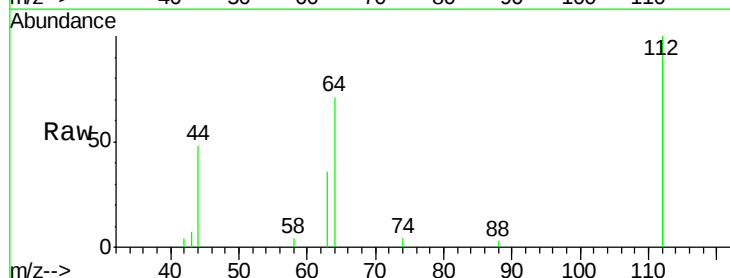
Tgt Ion:112 Resp: 17295

Ion Ratio Lower Upper

112 100

64 72.4 57.3 85.9

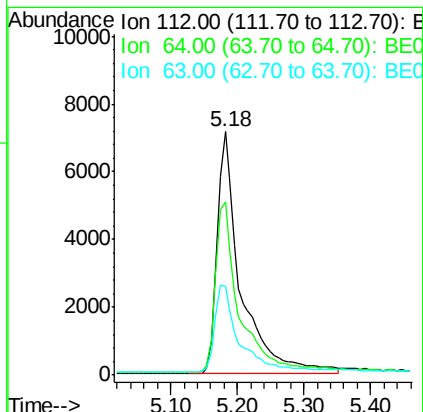
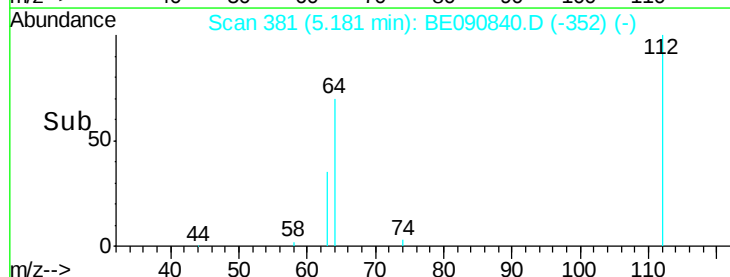
63 38.9 29.2 43.8

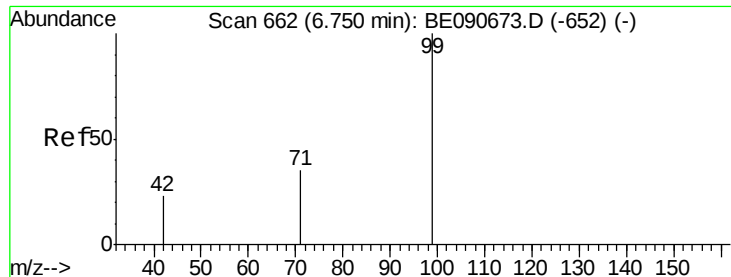


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.78 ng

RT: 6.75 min Scan# 662

Delta R.T. 0.00 min

Lab File: BE090840.D

Acq: 15 Sep 2015 19:25

Instrument :

BNA\_E

ClientSampleId :

091315-PRKA-F-U-B

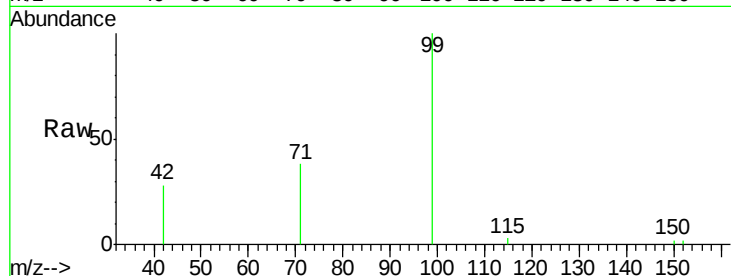
Tgt Ion: 99 Resp: 13507

Ion Ratio Lower Upper

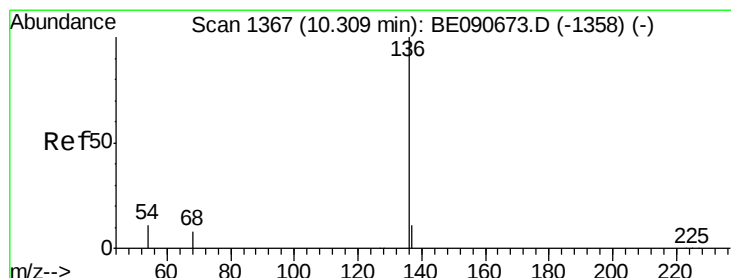
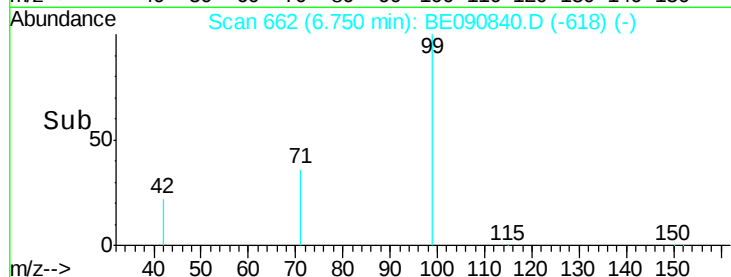
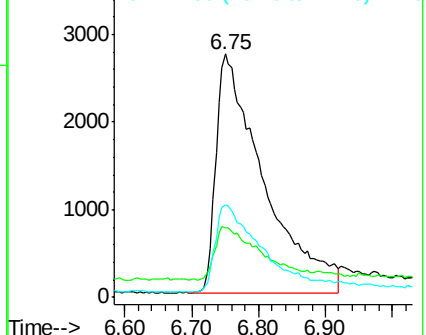
99 100

42 21.5 16.8 25.2

71 37.0 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: BE090840.D

Acq: 15 Sep 2015 19:25

Tgt Ion: 136 Resp: 117207

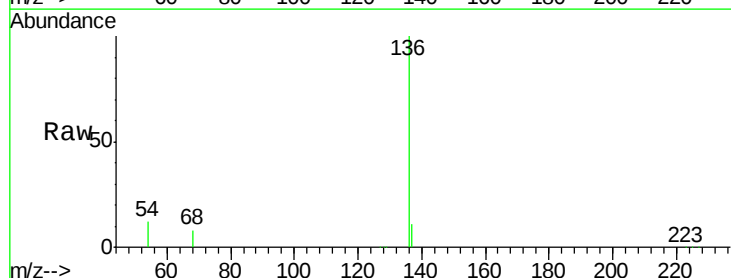
Ion Ratio Lower Upper

136 100

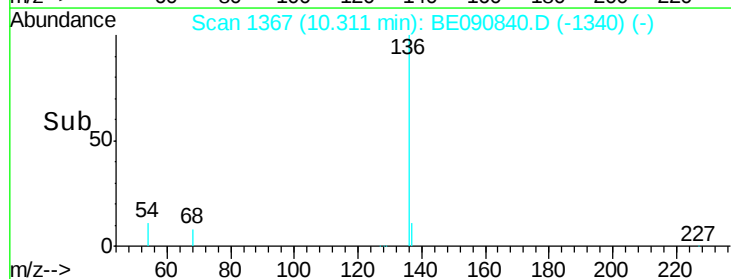
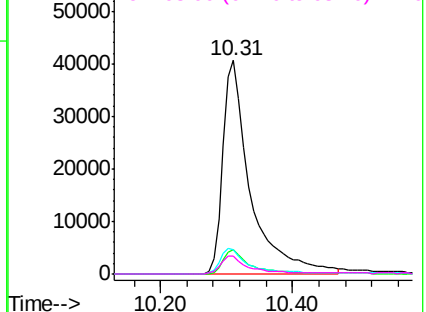
137 11.3 8.7 13.1

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: 3.71 ng

RT: 8.72 min Scan# 1090

Delta R.T. 0.01 min

Lab File: BE090840.D

Acq: 15 Sep 2015 19:25

Instrument :

BNA\_E

ClientSampleId :

091315-PRKA-F-U-B

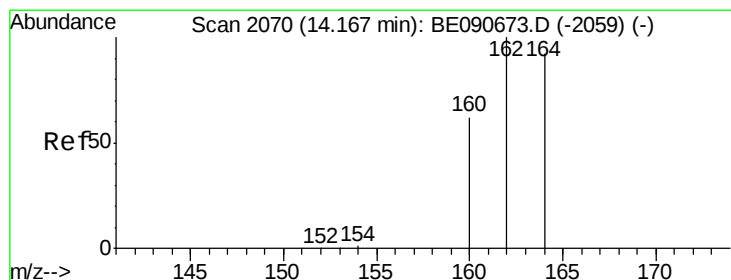
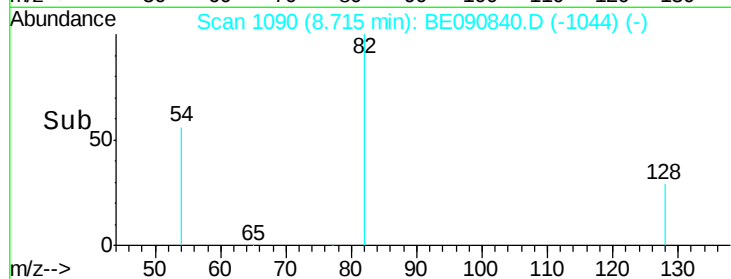
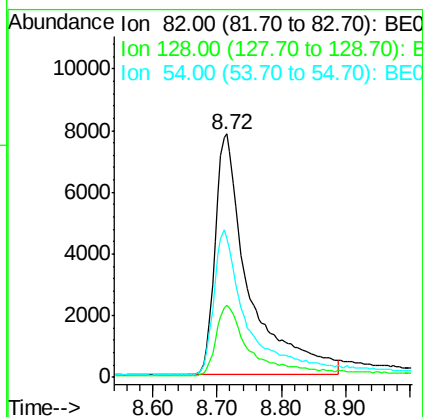
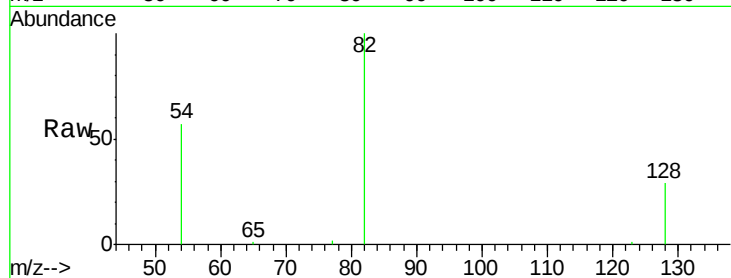
Tgt Ion: 82 Resp: 28733

Ion Ratio Lower Upper

82 100

128 29.4 25.0 37.4

54 56.9 46.3 69.5



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 2070

Delta R.T. -0.00 min

Lab File: BE090840.D

Acq: 15 Sep 2015 19:25

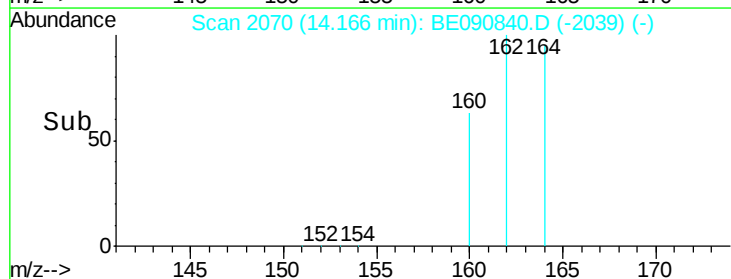
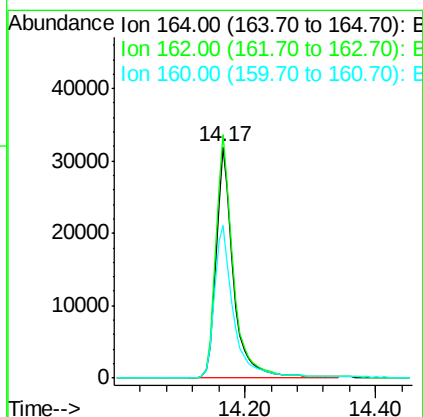
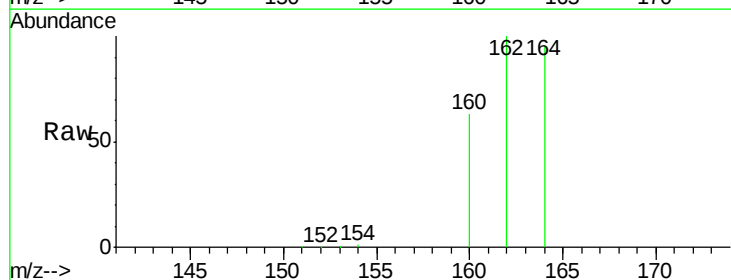
Tgt Ion: 164 Resp: 58132

Ion Ratio Lower Upper

164 100

162 105.5 86.8 130.2

160 66.1 53.9 80.9

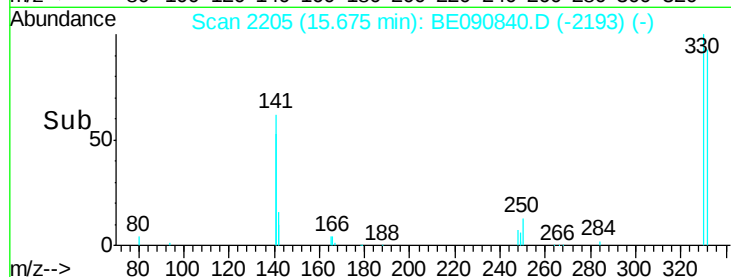
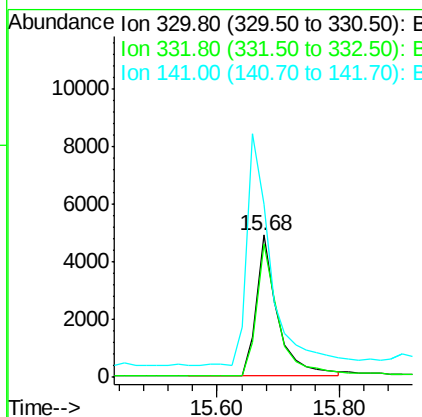
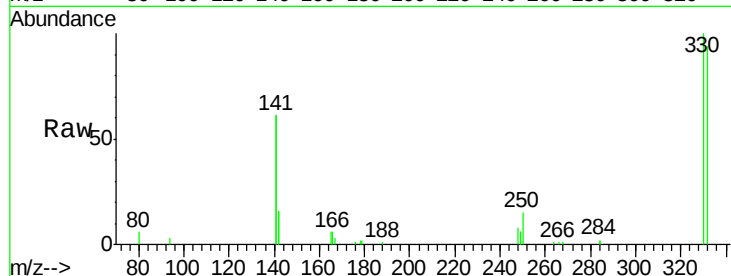




#13  
 2,4,6-Tribromophenol  
 Concen: 6.94 ng  
 RT: 15.68 min Scan# 2205  
 Delta R.T. 0.00 min  
 Lab File: BE090840.D  
 Acq: 15 Sep 2015 19:25

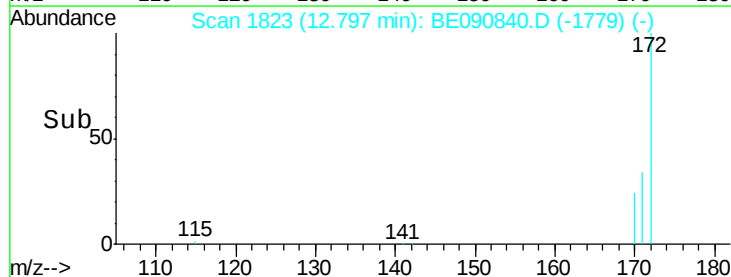
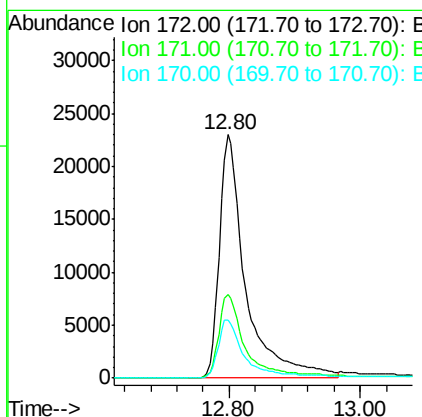
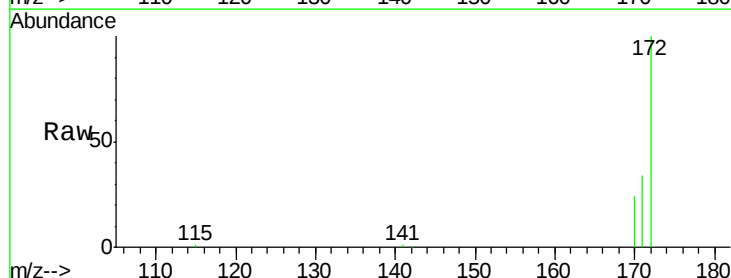
Instrument :  
 BNA\_E  
 ClientSampleId :  
 091315-PRKA-F-U-B

Tgt Ion:330 Resp: 11813  
 Ion Ratio Lower Upper  
 330 100  
 332 96.1 74.9 112.3  
 141 184.9 145.2 217.8



#14  
 2-Fluorobiphenyl  
 Concen: 3.96 ng  
 RT: 12.80 min Scan# 1823  
 Delta R.T. 0.00 min  
 Lab File: BE090840.D  
 Acq: 15 Sep 2015 19:25

Tgt Ion:172 Resp: 63700  
 Ion Ratio Lower Upper  
 172 100  
 171 34.3 27.8 41.8  
 170 23.8 19.8 29.6





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.91 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BE090840.D

Acq: 15 Sep 2015 19:25

Instrument :

BNA\_E

ClientSampleId :

091315-PRKA-F-U-B

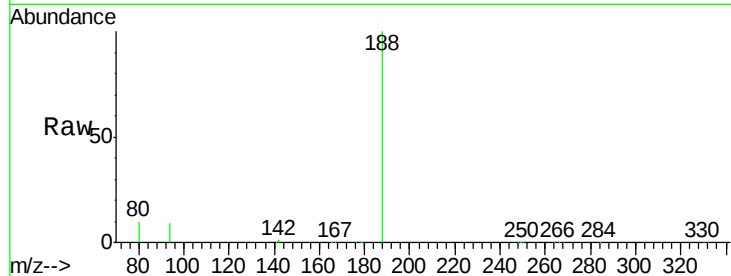
Tgt Ion:188 Resp: 160456

Ion Ratio Lower Upper

188 100

94 9.5 10.3 15.5#

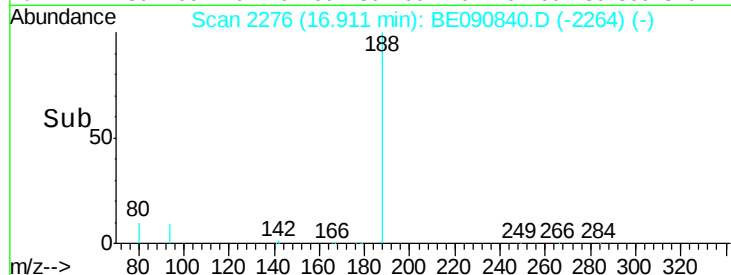
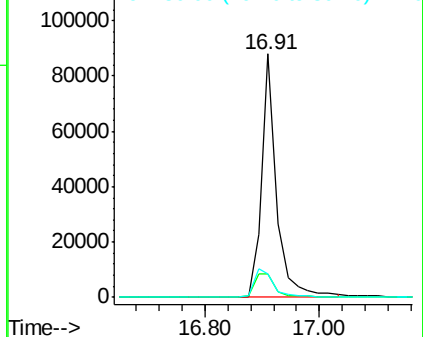
80 9.9 11.0 16.6#



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. -0.01 min

Lab File: BE090840.D

Acq: 15 Sep 2015 19:25

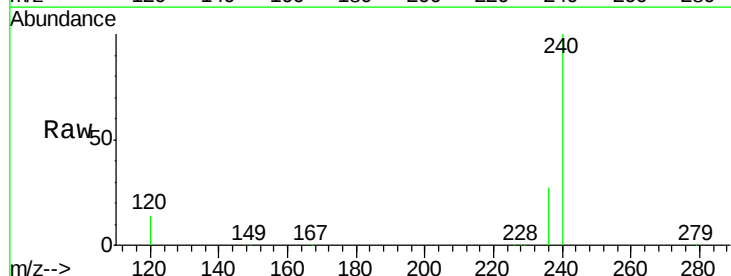
Tgt Ion:240 Resp: 231145

Ion Ratio Lower Upper

240 100

120 13.9 10.1 15.1

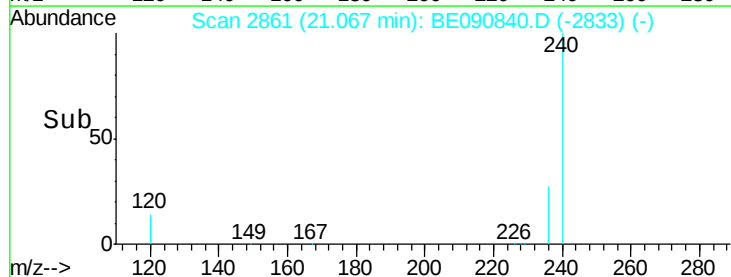
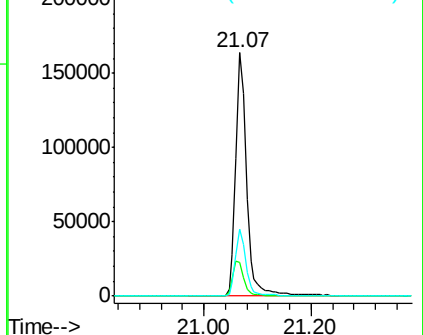
236 27.3 21.9 32.9



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: 5.49 ng

RT: 19.53 min Scan# 2609

Delta R.T. -0.01 min

Lab File: BE090840.D

Acq: 15 Sep 2015 19:25

Instrument :

BNA\_E

ClientSampleId :

091315-PRKA-F-U-B

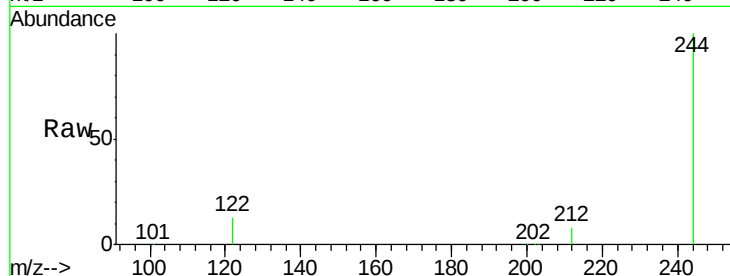
Tgt Ion:244 Resp: 140478

Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

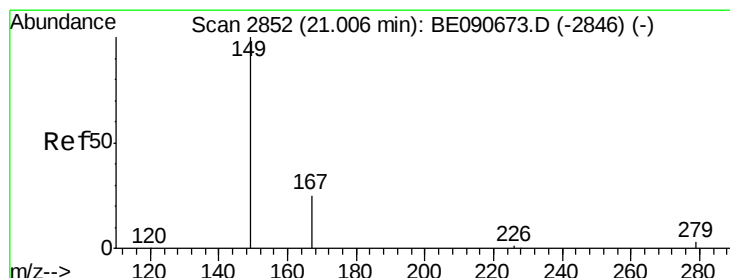
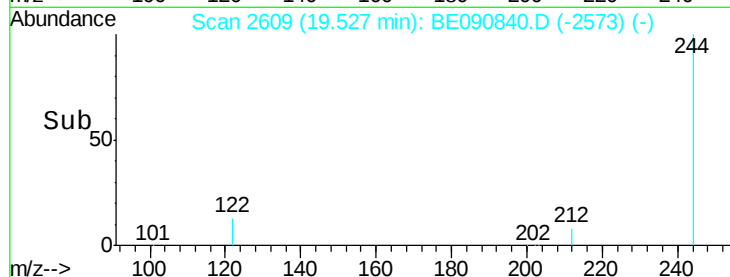
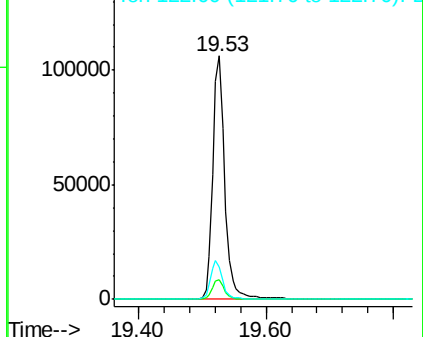
122 13.2 12.9 19.3



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# 2851

Delta R.T. -0.01 min

Lab File: BE090840.D

Acq: 15 Sep 2015 19:25

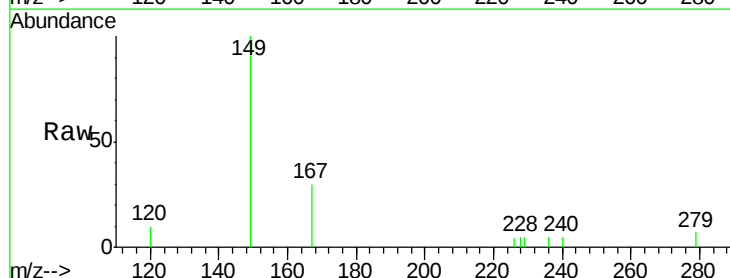
Tgt Ion:149 Resp: 1647

Ion Ratio Lower Upper

149 100

167 25.4 20.1 30.1

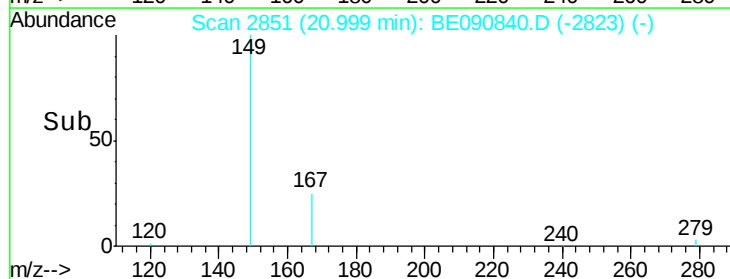
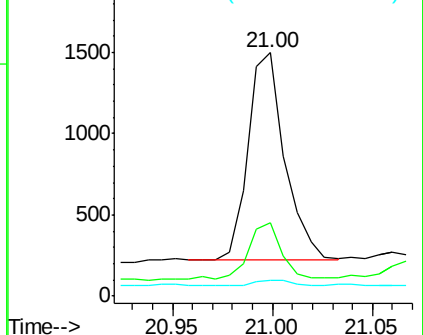
279 3.0 2.3 3.5

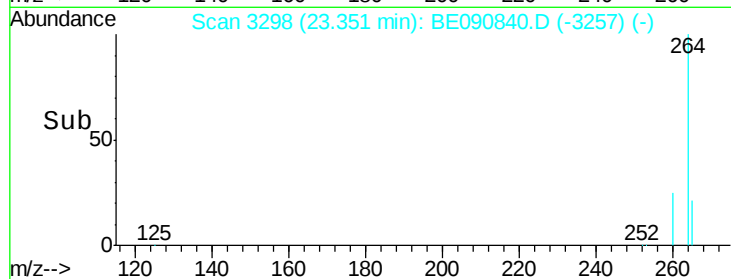


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#32

Perylene-d12

Concen: 5.00 ng

RT: 23.35 min Scan# 3298

Delta R.T. -0.01 min

Lab File: BE090840.D

Acq: 15 Sep 2015 19:25

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Tgt Ion: 264 Resp: 205833

Ion Ratio Lower Upper

264 100

260 24.9 19.7 29.5

265 21.8 17.5 26.3

Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

