

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE090815\  
 Data File : BE090751.D  
 Acq On : 8 Sep 2015 16:49  
 Operator : UM/IZ  
 Sample : G3586-01  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 090415-D534-E-D-B

Quant Time: Sep 08 23:17:19 2015  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE090115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 08 23:05:35 2015  
 Response via : Initial Calibration

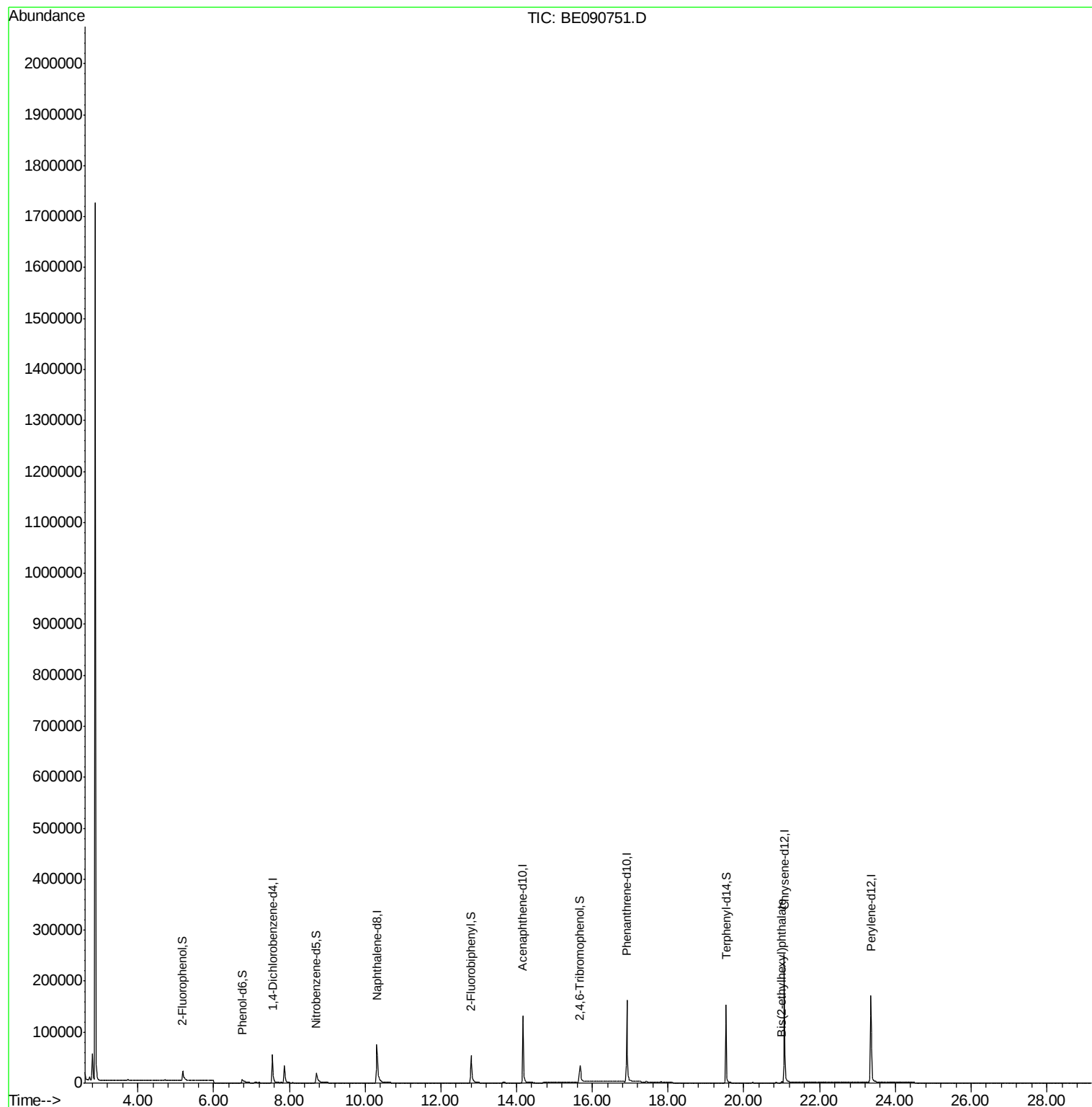
| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min)       |
|--------------------------------|-------|------|----------|------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4      | 7.55  | 152  | 34572    | 5.00 | ng    | 0.00           |
| 6) Naphthalene-d8              | 10.31 | 136  | 157759   | 5.00 | ng    | 0.00           |
| 12) Acenaphthene-d10           | 14.17 | 164  | 86584    | 5.00 | ng    | 0.00           |
| 18) Phenanthrene-d10           | 16.91 | 188  | 219826   | 5.00 | ng    | 0.00           |
| 25) Chrysene-d12               | 21.07 | 240  | 275407   | 5.00 | ng    | 0.00           |
| 32) Perylene-d12               | 23.36 | 264  | 248729   | 5.00 | ng    | 0.00           |
| System Monitoring Compounds    |       |      |          |      |       |                |
| 4) 2-Fluorophenol              | 5.19  | 112  | 22982    | 3.42 | ng    | 0.00           |
| 5) Phenol-d6                   | 6.76  | 99   | 18806    | 1.95 | ng    | 0.00           |
| 7) Nitrobenzene-d5             | 8.72  | 82   | 36400    | 3.49 | ng    | 0.02           |
| 13) 2,4,6-Tribromophenol       | 15.67 | 330  | 19170    | 7.55 | ng    | 0.00           |
| 14) 2-Fluorobiphenyl           | 12.80 | 172  | 87617    | 3.65 | ng    | 0.00           |
| 27) Terphenyl-d14              | 19.53 | 244  | 169361   | 5.56 | ng    | 0.00           |
| Target Compounds               |       |      |          |      |       |                |
| 30) Bis(2-ethylhexyl)phthalate | 21.00 | 149  | 2345     | 0.21 | ng    | Qvalue<br># 99 |

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

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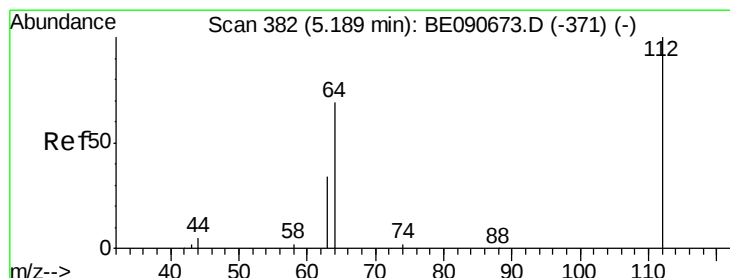
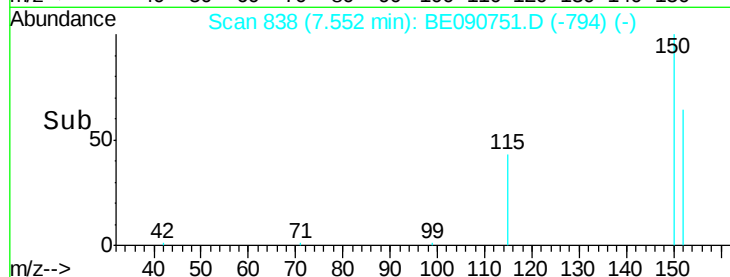
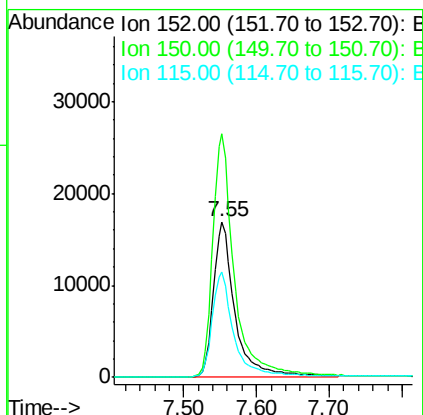
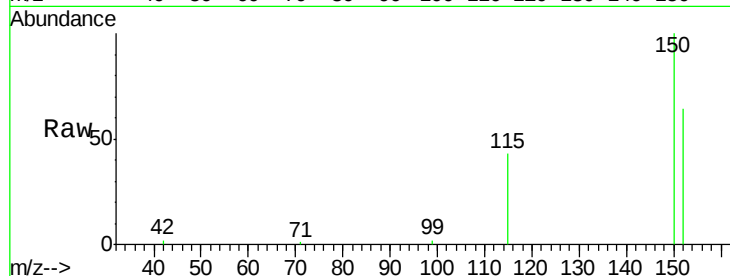


#1

1,4-Dichlorobenzene-d4  
Concen: 5.00 ng  
RT: 7.55 min Scan# 838  
Delta R.T. 0.00 min  
Lab File: BE090751.D  
Acq: 8 Sep 2015 16:49

Instrument :  
BNA\_E  
ClientSampleId :  
090415-D534-E-D-B

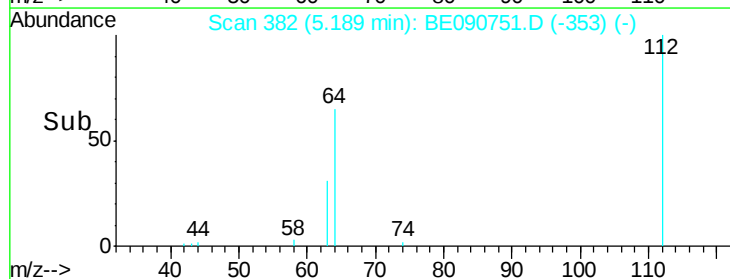
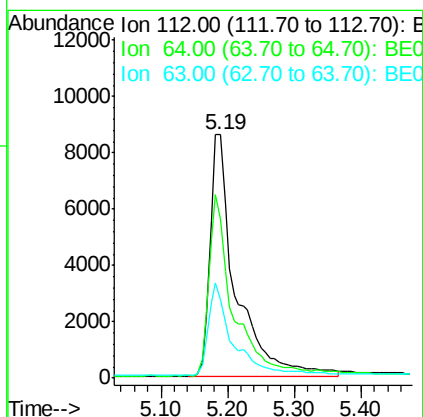
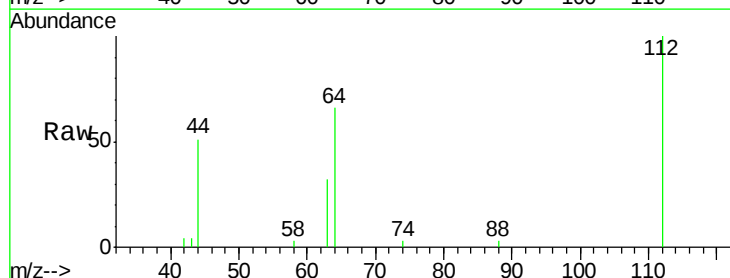
Tgt Ion:152 Resp: 34572  
Ion Ratio Lower Upper  
152 100  
150 156.7 122.2 183.4  
115 67.6 51.0 76.4

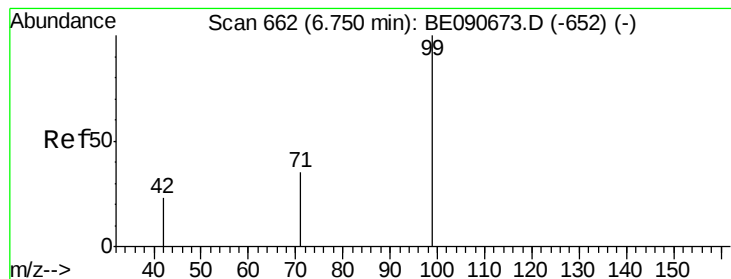


#4

2-Fluorophenol  
Concen: 3.42 ng  
RT: 5.19 min Scan# 382  
Delta R.T. -0.00 min  
Lab File: BE090751.D  
Acq: 8 Sep 2015 16:49

Tgt Ion:112 Resp: 22982  
Ion Ratio Lower Upper  
112 100  
64 71.0 57.3 85.9  
63 35.7 29.2 43.8





#5

Phenol-d6

Concen: 1.95 ng

RT: 6.76 min Scan# 663

Delta R.T. 0.00 min

Lab File: BE090751.D

Acq: 8 Sep 2015 16:49

Instrument :

BNA\_E

ClientSampleId :

090415-D534-E-D-B

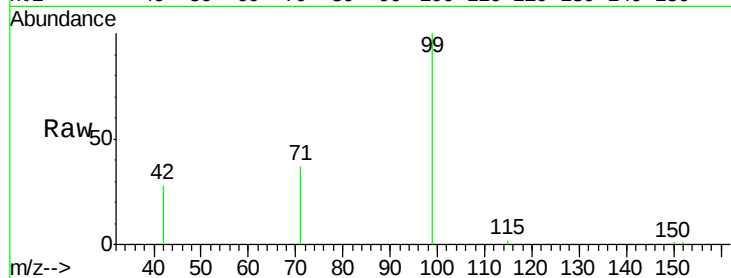
Tgt Ion: 99 Resp: 18806

Ion Ratio Lower Upper

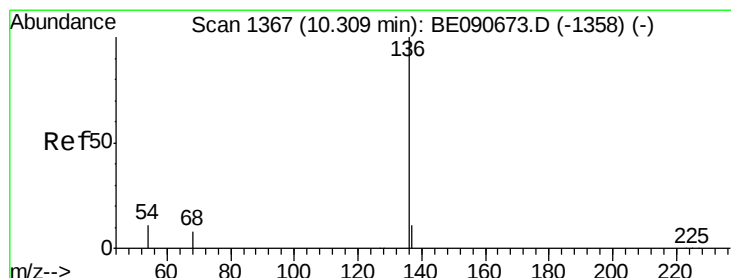
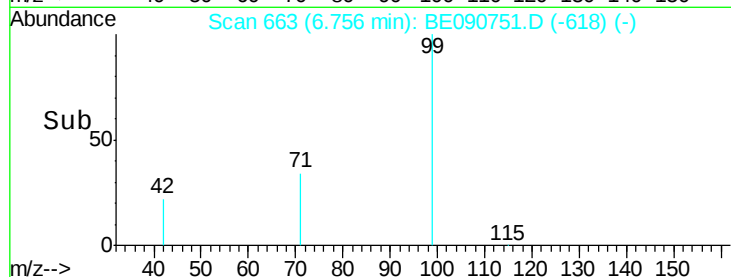
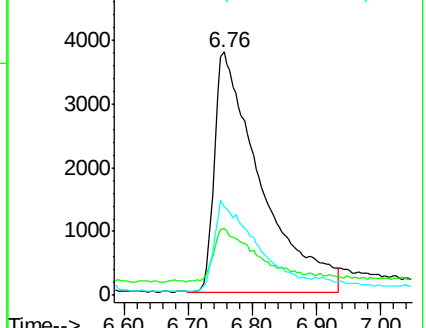
99 100

42 21.0 16.8 25.2

71 34.2 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. 0.01 min

Lab File: BE090751.D

Acq: 8 Sep 2015 16:49

Tgt Ion: 136 Resp: 157759

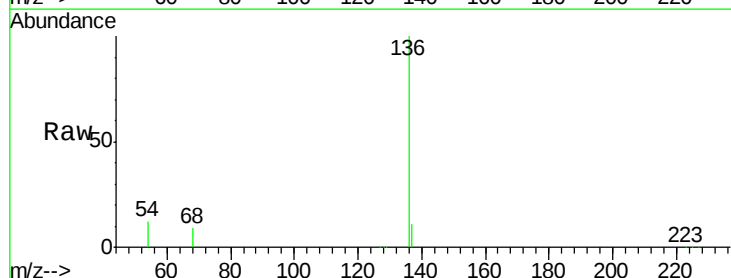
Ion Ratio Lower Upper

136 100

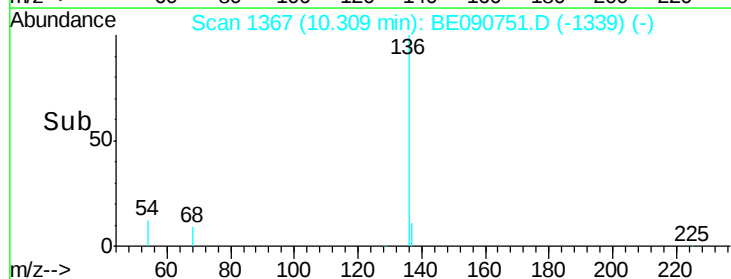
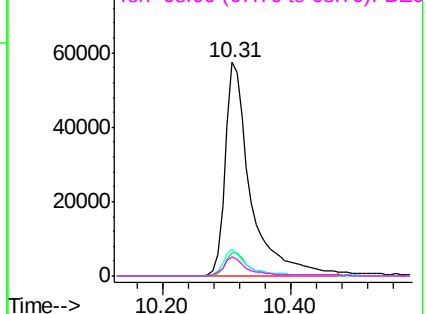
137 10.8 8.7 13.1

54 12.3 9.0 13.6

68 8.7 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: 3.49 ng

RT: 8.72 min Scan# 1090

Delta R.T. 0.02 min

Lab File: BE090751.D

Acq: 8 Sep 2015 16:49

Instrument :

BNA\_E

ClientSampleId :

090415-D534-E-D-B

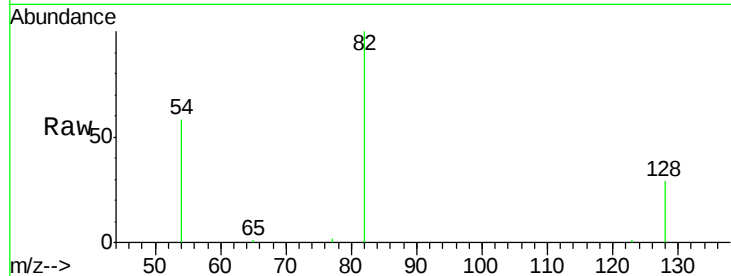
Tgt Ion: 82 Resp: 36400

Ion Ratio Lower Upper

82 100

128 29.0 25.0 37.4

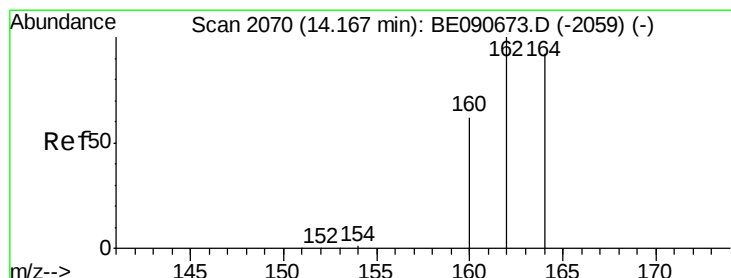
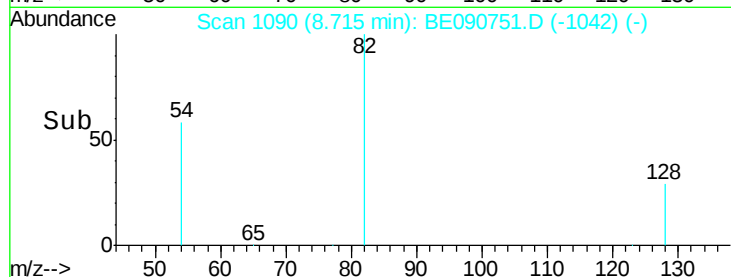
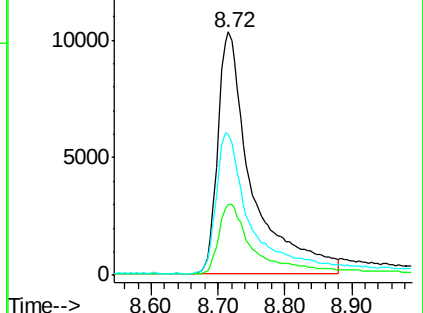
54 58.3 46.3 69.5



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: BE090751.D

Acq: 8 Sep 2015 16:49

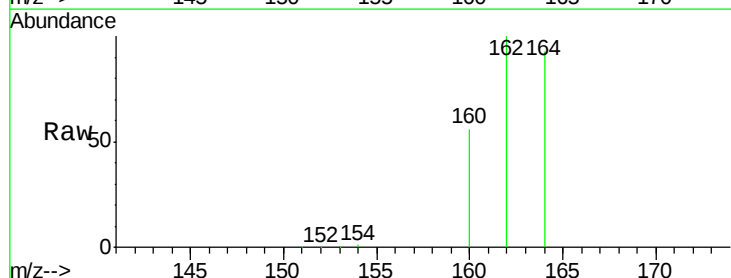
Tgt Ion: 164 Resp: 86584

Ion Ratio Lower Upper

164 100

162 107.7 86.8 130.2

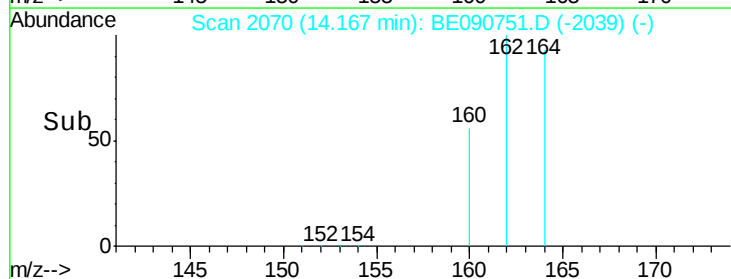
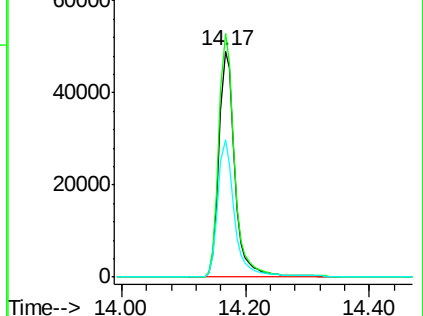
160 60.5 53.9 80.9



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

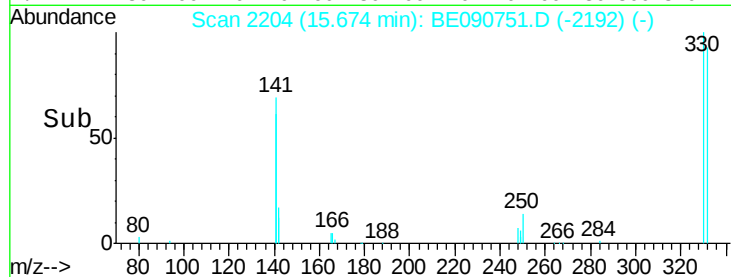
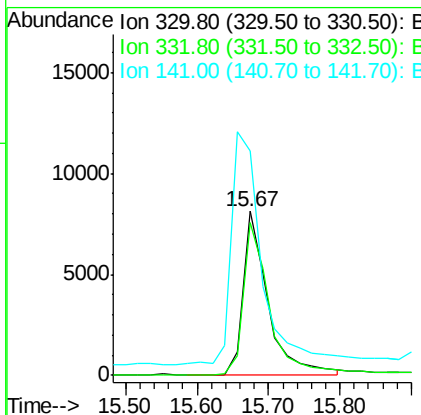
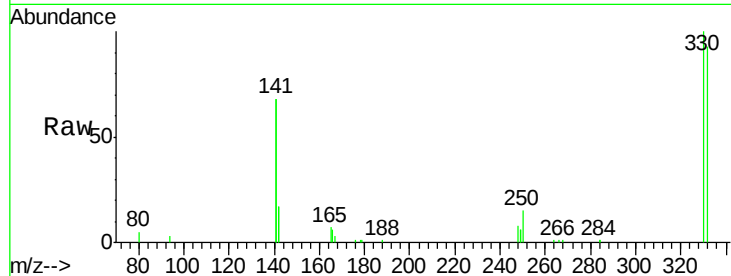




#13  
 2,4,6-Tribromophenol  
 Concen: 7.55 ng  
 RT: 15.67 min Scan# 2204  
 Delta R.T. 0.00 min  
 Lab File: BE090751.D  
 Acq: 8 Sep 2015 16:49

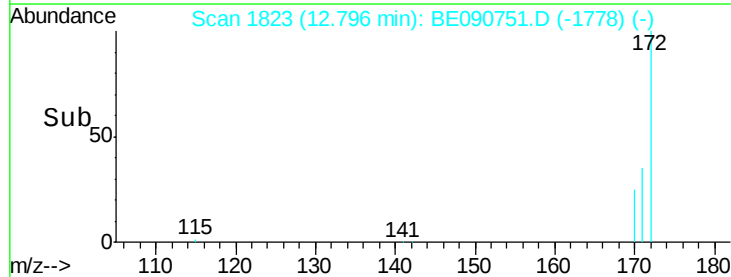
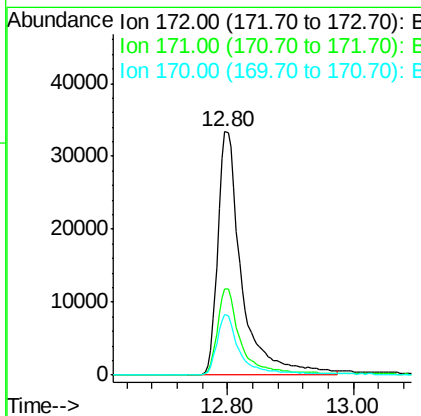
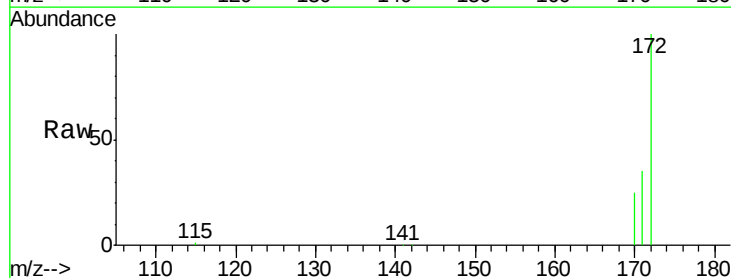
Instrument :  
 BNA\_E  
 ClientSampleId :  
 090415-D534-E-D-B

Tgt Ion:330 Resp: 19170  
 Ion Ratio Lower Upper  
 330 100  
 332 97.3 74.9 112.3  
 141 177.3 145.2 217.8



#14  
 2-Fluorobiphenyl  
 Concen: 3.65 ng  
 RT: 12.80 min Scan# 1823  
 Delta R.T. 0.00 min  
 Lab File: BE090751.D  
 Acq: 8 Sep 2015 16:49

Tgt Ion:172 Resp: 87617  
 Ion Ratio Lower Upper  
 172 100  
 171 35.5 27.8 41.8  
 170 24.8 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: BE090751.D

Acq: 8 Sep 2015 16:49

Instrument :

BNA\_E

ClientSampleId :

090415-D534-E-D-B

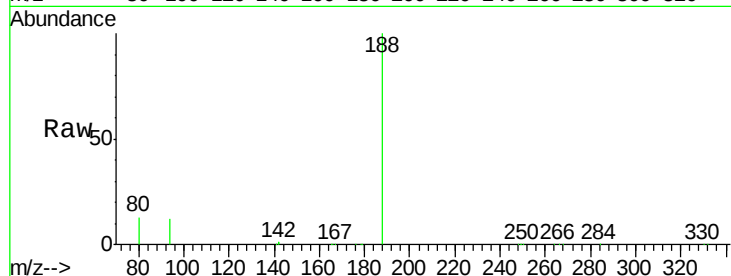
Tgt Ion:188 Resp: 219826

Ion Ratio Lower Upper

188 100

94 11.7 10.3 15.5

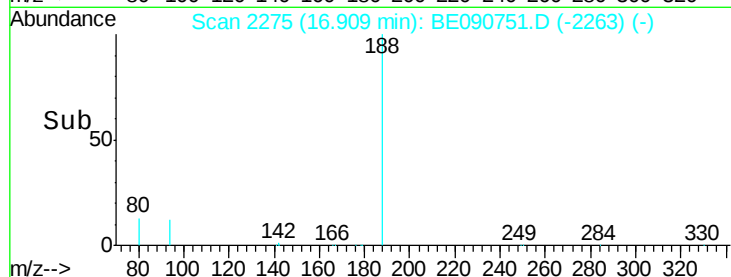
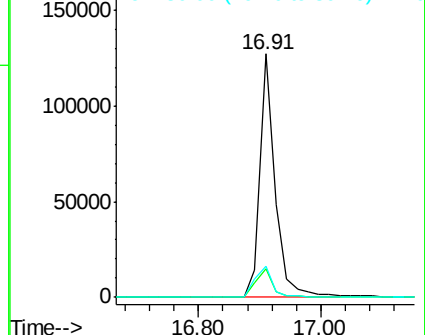
80 12.7 11.0 16.6



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: BE090751.D

Acq: 8 Sep 2015 16:49

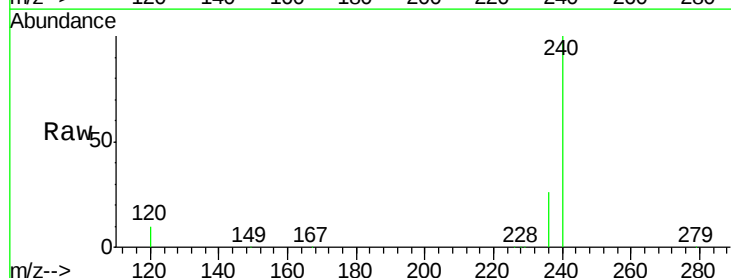
Tgt Ion:240 Resp: 275407

Ion Ratio Lower Upper

240 100

120 9.9 10.1 15.1#

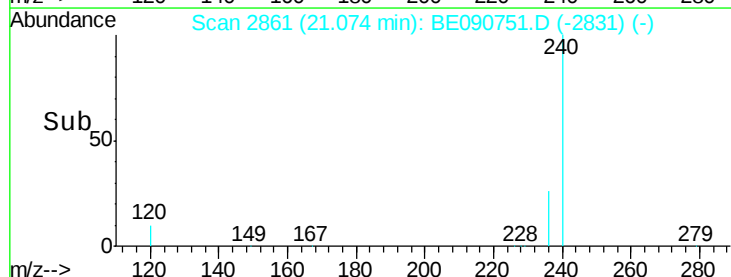
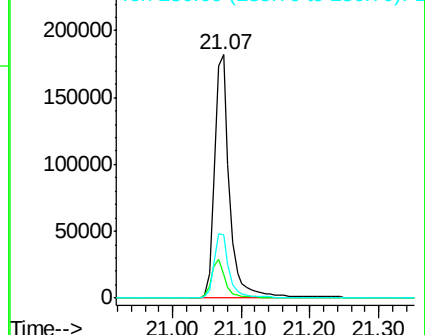
236 25.8 21.9 32.9



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

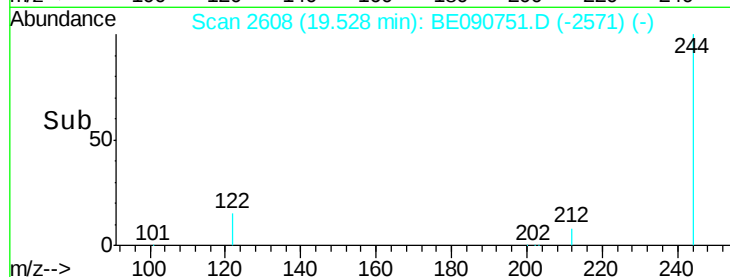
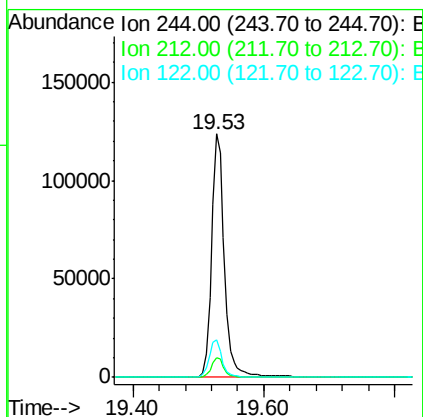
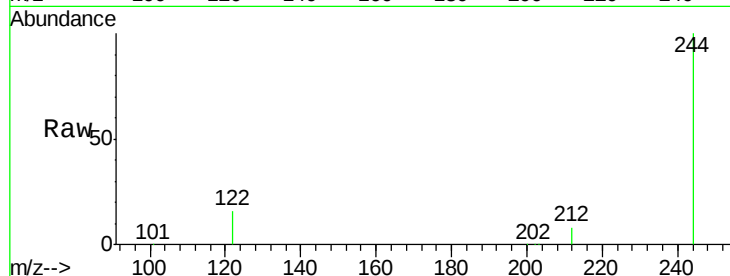




#27  
 Terphenyl-d14  
 Concen: 5.56 ng  
 RT: 19.53 min Scan# 2608  
 Delta R.T. -0.01 min  
 Lab File: BE090751.D  
 Acq: 8 Sep 2015 16:49

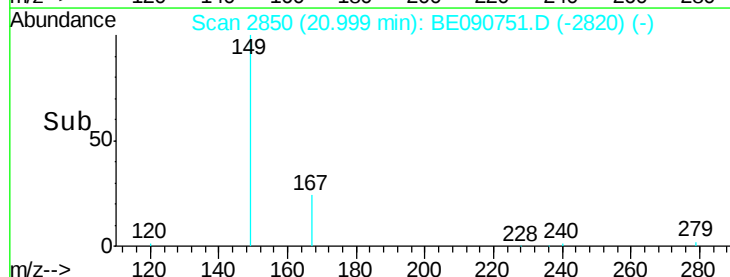
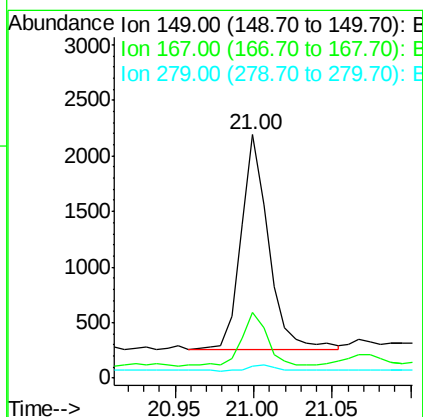
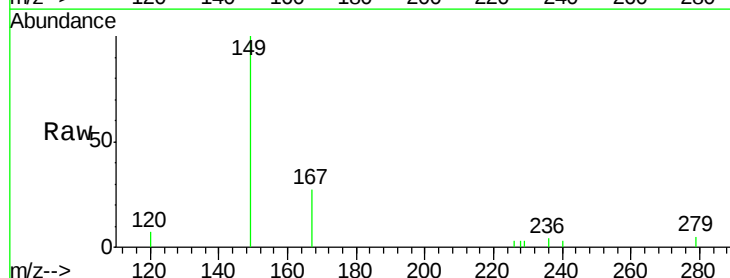
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 090415-D534-E-D-B

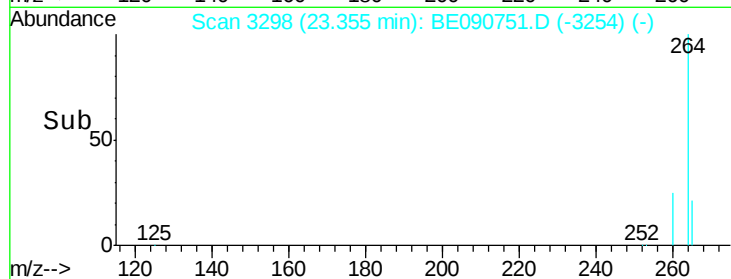
Tgt Ion:244 Resp: 169361  
 Ion Ratio Lower Upper  
 244 100  
 212 8.2 6.9 10.3  
 122 15.5 12.9 19.3



#30  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.21 ng  
 RT: 21.00 min Scan# 2850  
 Delta R.T. 0.00 min  
 Lab File: BE090751.D  
 Acq: 8 Sep 2015 16:49

Tgt Ion:149 Resp: 2345  
 Ion Ratio Lower Upper  
 149 100  
 167 24.9 20.1 30.1  
 279 3.8 2.3 3.5#





#32

Perylene-d12

Concen: 5.00 ng

RT: 23.36 min Scan# 3298

Delta R.T. -0.00 min

Lab File: BE090751.D

Acq: 8 Sep 2015 16:49

Instrument :

BNA\_E

ClientSampleId :

090415-D534-E-D-B

Tgt Ion: 264 Resp: 248729

Ion Ratio Lower Upper

264 100

260 25.1 19.7 29.5

265 21.7 17.5 26.3

