

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE081715\  
 Data File : BE090543.D  
 Acq On : 17 Aug 2015 21:19  
 Operator : UM/IZ  
 Sample : G3323-08  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 081315-D534-E-U-S

Quant Time: Aug 18 06:06:08 2015  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE081415.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 14 16:52:42 2015  
 Response via : Initial Calibration

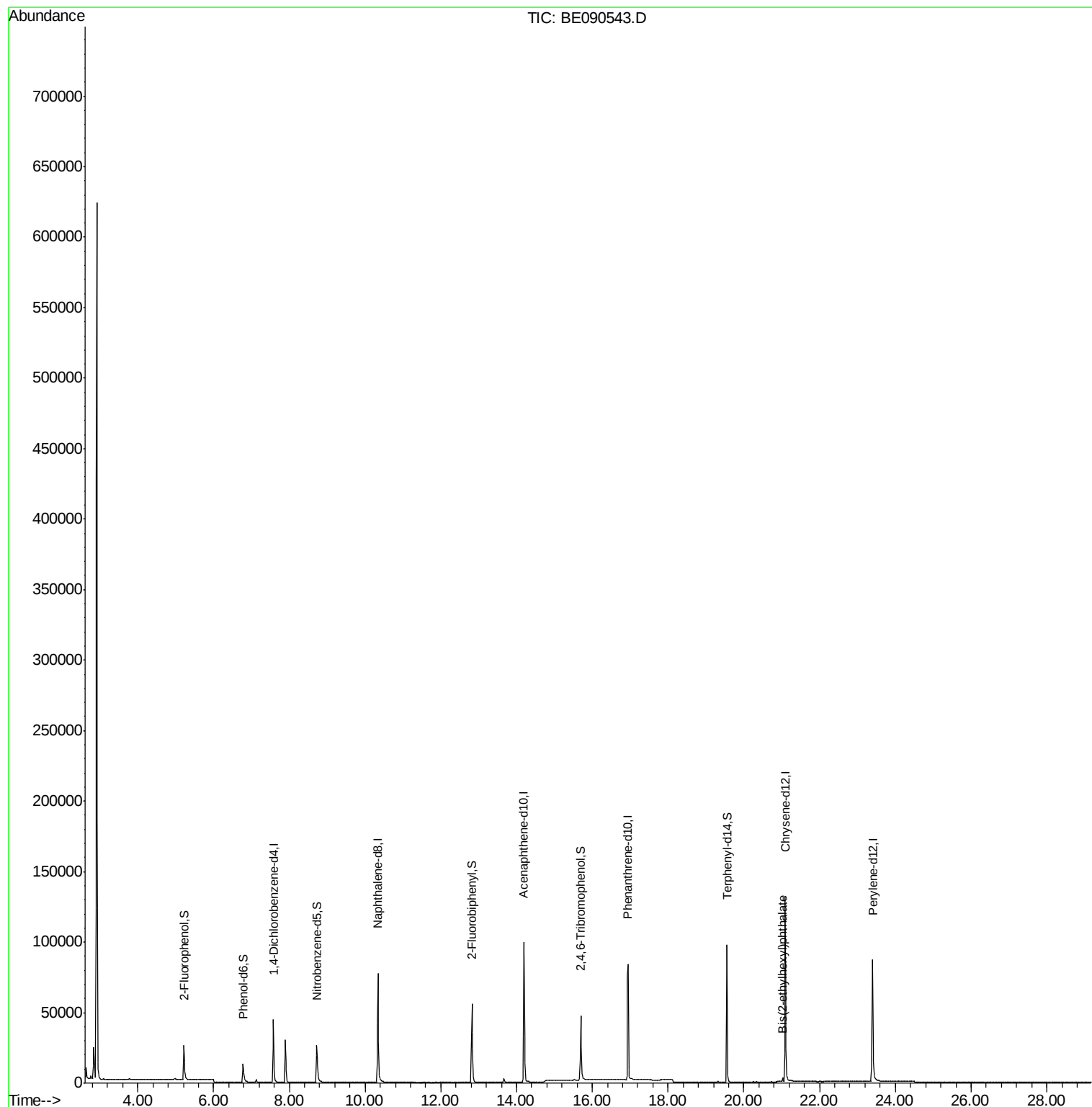
| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min)       |
|--------------------------------|-------|------|----------|------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4      | 7.58  | 152  | 23250    | 5.00 | ng    | 0.00           |
| 6) Naphthalene-d8              | 10.34 | 136  | 117868   | 5.00 | ng    | 0.00           |
| 12) Acenaphthene-d10           | 14.19 | 164  | 64849    | 5.00 | ng    | 0.00           |
| 18) Phenanthrene-d10           | 16.94 | 188  | 138544   | 5.00 | ng    | 0.00           |
| 25) Chrysene-d12               | 21.10 | 240  | 138735   | 5.00 | ng    | 0.00           |
| 32) Perylene-d12               | 23.40 | 264  | 128010   | 5.00 | ng    | 0.00           |
| System Monitoring Compounds    |       |      |          |      |       |                |
| 4) 2-Fluorophenol              | 5.22  | 112  | 21625    | 3.22 | ng    | 0.00           |
| 5) Phenol-d6                   | 6.78  | 99   | 21054    | 2.13 | ng    | 0.00           |
| 7) Nitrobenzene-d5             | 8.73  | 82   | 32484    | 3.46 | ng    | 0.00           |
| 13) 2,4,6-Tribromophenol       | 15.69 | 330  | 21743    | 8.71 | ng    | -0.02          |
| 14) 2-Fluorobiphenyl           | 12.82 | 172  | 65666    | 3.39 | ng    | 0.00           |
| 27) Terphenyl-d14              | 19.55 | 244  | 99078    | 3.90 | ng    | 0.00           |
| Target Compounds               |       |      |          |      |       |                |
| 30) Bis(2-ethylhexyl)phthalate | 21.03 | 149  | 2453     | 0.25 | ng    | Qvalue<br># 98 |

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

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Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
081315-D534-E-U-S

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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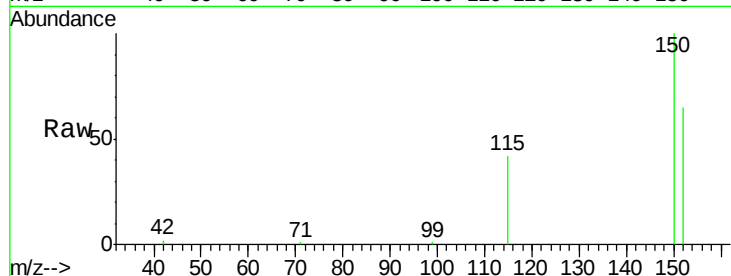




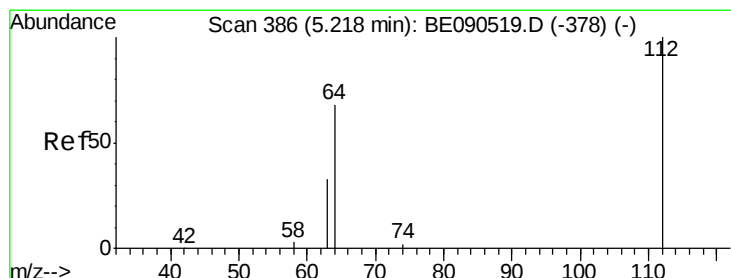
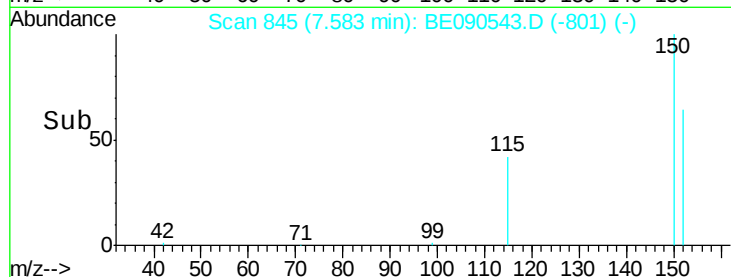
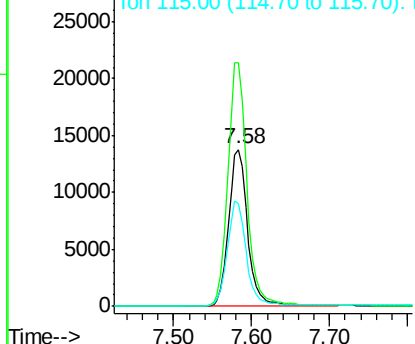
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 5.00 ng  
 RT: 7.58 min Scan# 845  
 Delta R.T. -0.00 min  
 Lab File: BE090543.D  
 Acq: 17 Aug 2015 21:19

Instrument :  
 BNA\_E  
 ClientSampleId :  
 081315-D534-E-U-S

Tgt Ion:152 Resp: 23250  
 Ion Ratio Lower Upper  
 152 100  
 150 154.8 123.0 184.4  
 115 65.3 48.9 73.3

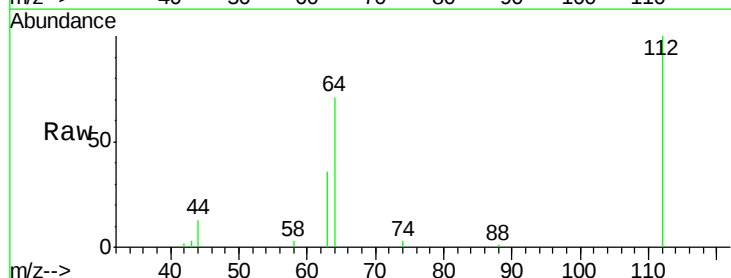


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

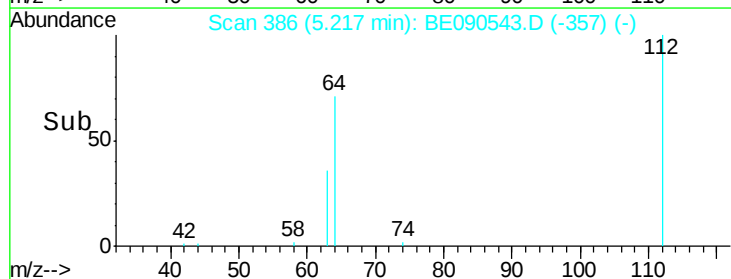
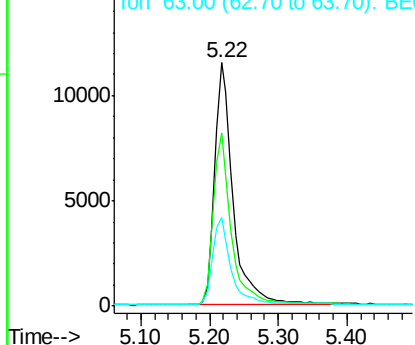


#4  
 2-Fluorophenol  
 Concen: 3.22 ng  
 RT: 5.22 min Scan# 386  
 Delta R.T. -0.00 min  
 Lab File: BE090543.D  
 Acq: 17 Aug 2015 21:19

Tgt Ion:112 Resp: 21625  
 Ion Ratio Lower Upper  
 112 100  
 64 69.5 37.1 55.7#  
 63 34.7 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: 2.13 ng

RT: 6.78 min Scan# 668

Delta R.T. -0.00 min

Lab File: BE090543.D

Acq: 17 Aug 2015 21:19

Instrument :

BNA\_E

ClientSampleId :

081315-D534-E-U-S

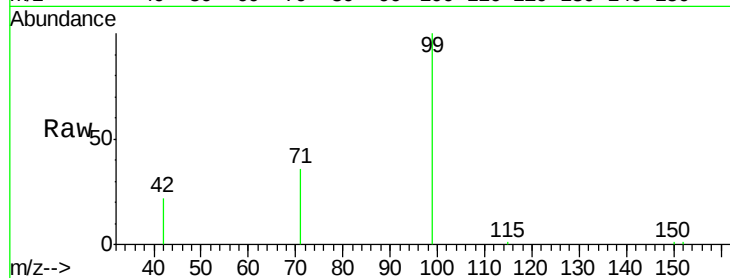
Tgt Ion: 99 Resp: 21054

Ion Ratio Lower Upper

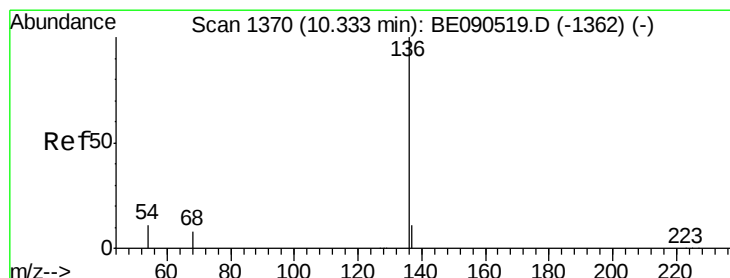
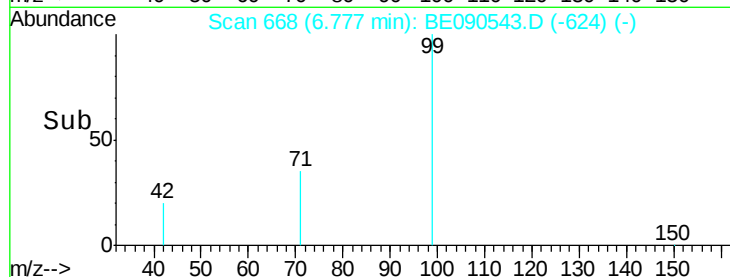
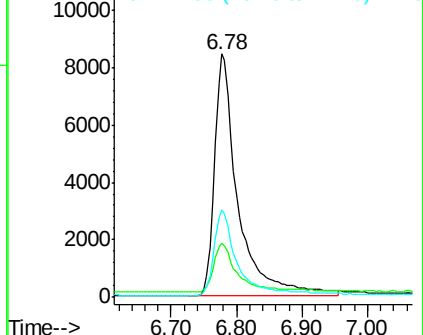
99 100

42 20.5 18.2 27.4

71 34.9 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. 0.01 min

Lab File: BE090543.D

Acq: 17 Aug 2015 21:19

Tgt Ion: 136 Resp: 117868

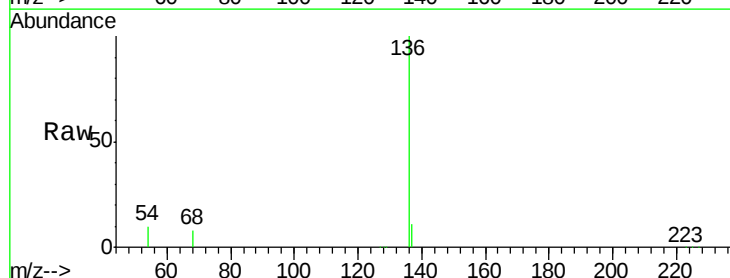
Ion Ratio Lower Upper

136 100

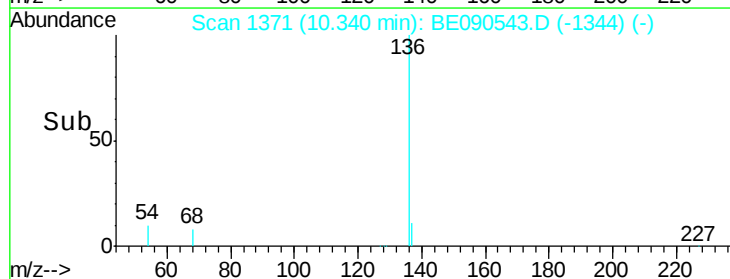
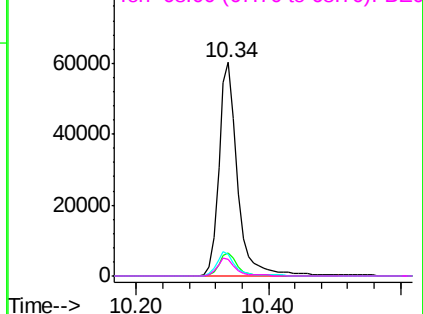
137 11.1 8.7 13.1

54 10.2 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: 3.46 ng

RT: 8.73 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BE090543.D

Acq: 17 Aug 2015 21:19

Instrument :

BNA\_E

ClientSampleId :

081315-D534-E-U-S

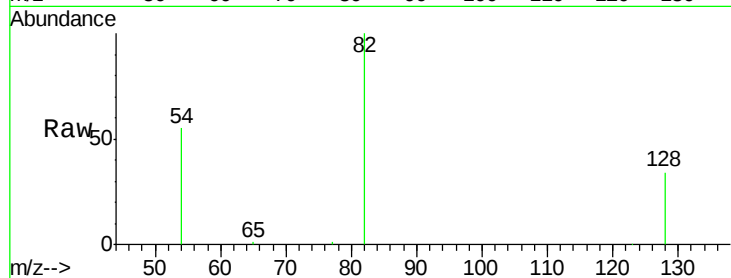
Tgt Ion: 82 Resp: 32484

Ion Ratio Lower Upper

82 100

128 33.7 25.0 37.6

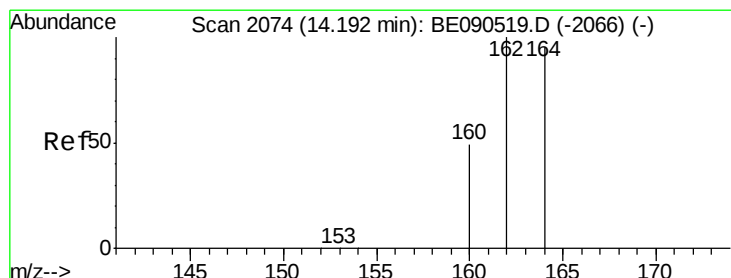
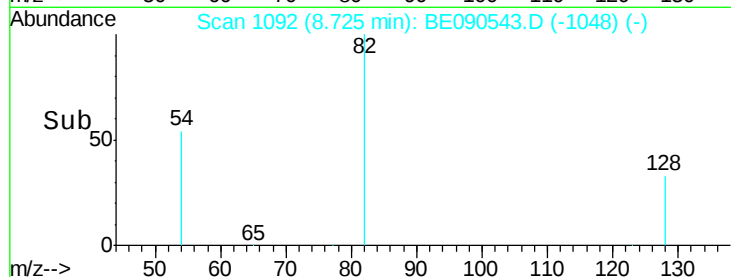
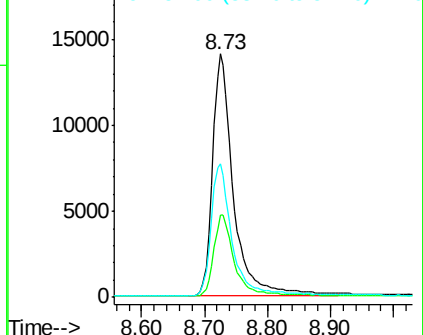
54 54.7 48.8 73.2



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: 14.19 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BE090543.D

Acq: 17 Aug 2015 21:19

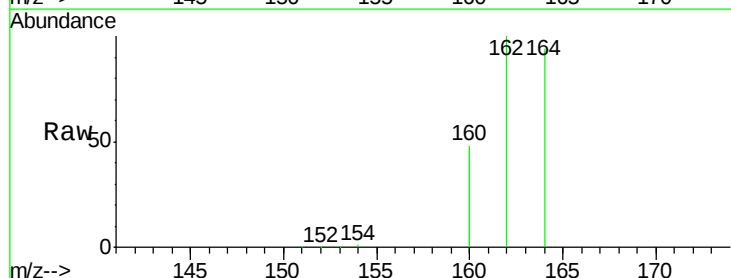
Tgt Ion: 164 Resp: 64849

Ion Ratio Lower Upper

164 100

162 106.3 81.8 122.8

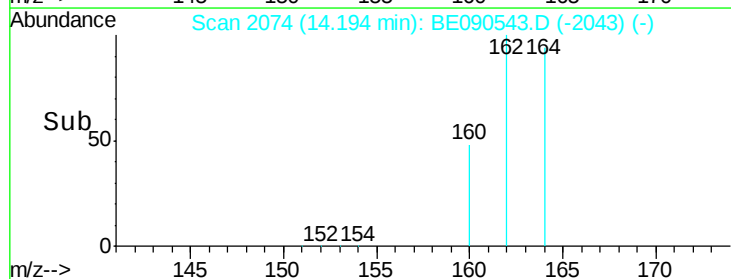
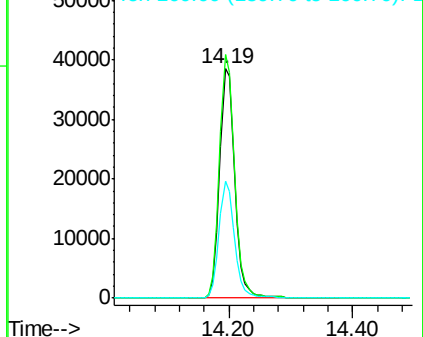
160 51.1 44.2 66.4



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

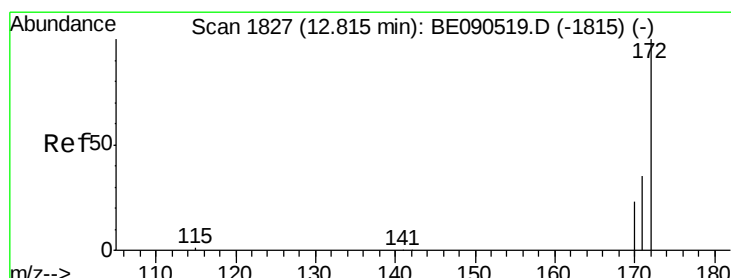
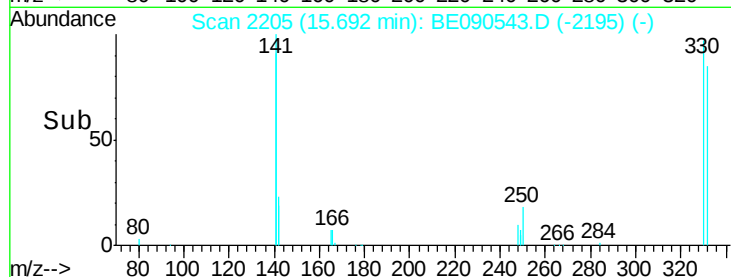
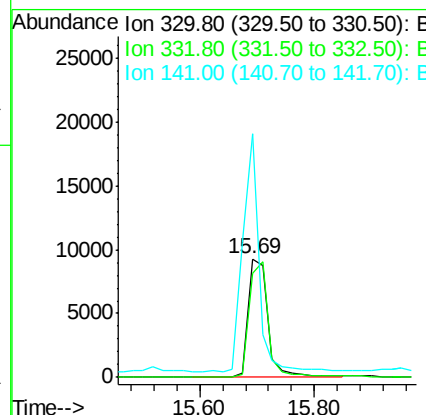
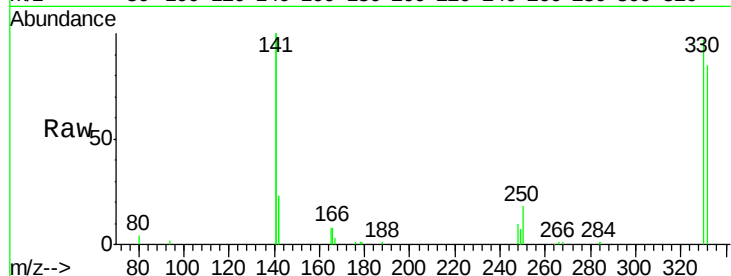




#13  
 2,4,6-Tribromophenol  
 Concen: 8.71 ng  
 RT: 15.69 min Scan# 2205  
 Delta R.T. -0.02 min  
 Lab File: BE090543.D  
 Acq: 17 Aug 2015 21:19

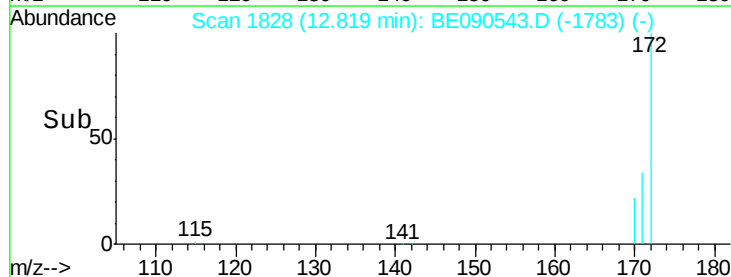
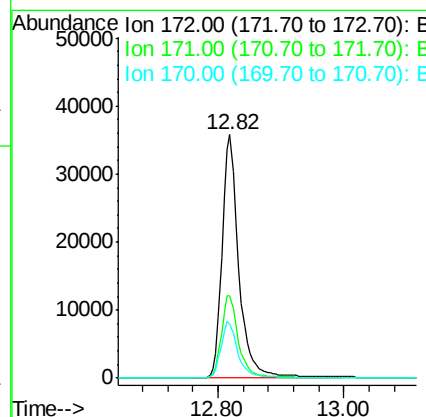
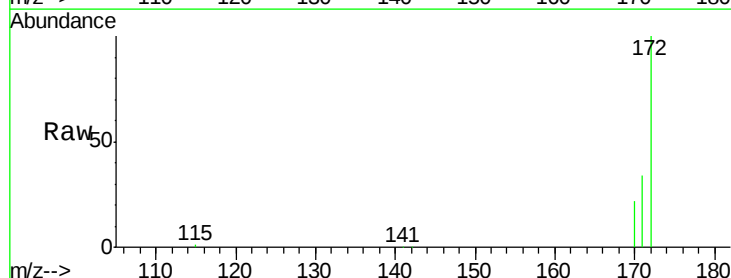
Instrument :  
 BNA\_E  
 ClientSampleId :  
 081315-D534-E-U-S

Tgt Ion: 330 Resp: 21743  
 Ion Ratio Lower Upper  
 330 100  
 332 95.6 75.8 113.6  
 141 165.2 114.4 171.6



#14  
 2-Fluorobiphenyl  
 Concen: 3.39 ng  
 RT: 12.82 min Scan# 1828  
 Delta R.T. 0.00 min  
 Lab File: BE090543.D  
 Acq: 17 Aug 2015 21:19

Tgt Ion: 172 Resp: 65666  
 Ion Ratio Lower Upper  
 172 100  
 171 33.8 28.5 42.7  
 170 22.4 19.8 29.8





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.94 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BE090543.D

Acq: 17 Aug 2015 21:19

Instrument :

BNA\_E

ClientSampleId :

081315-D534-E-U-S

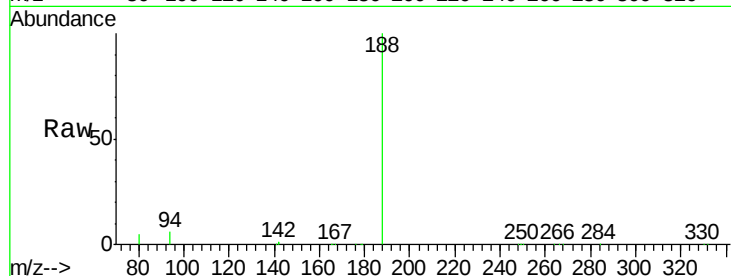
Tgt Ion:188 Resp: 138544

Ion Ratio Lower Upper

188 100

94 5.6 5.7 8.5#

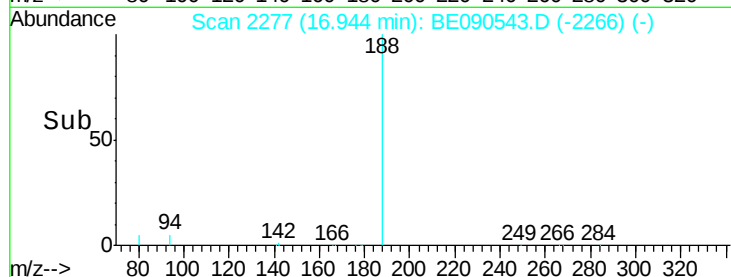
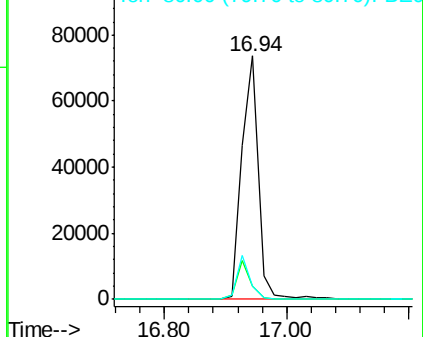
80 5.5 5.8 8.8#



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: 21.10 min Scan# 2864

Delta R.T. 0.01 min

Lab File: BE090543.D

Acq: 17 Aug 2015 21:19

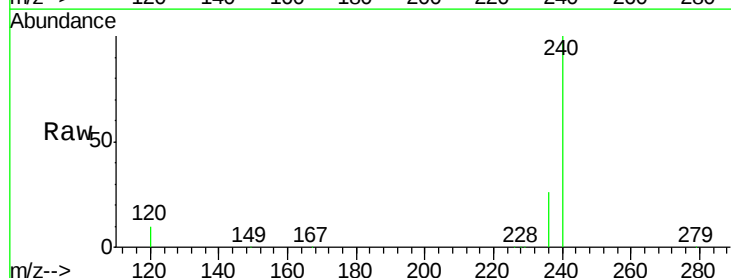
Tgt Ion:240 Resp: 138735

Ion Ratio Lower Upper

240 100

120 10.2 8.3 12.5

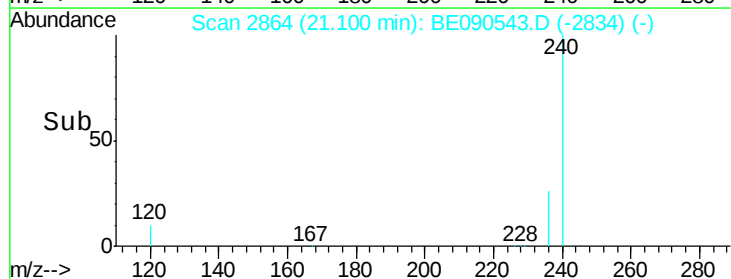
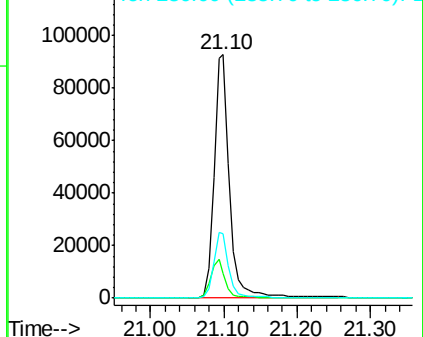
236 26.3 21.0 31.4



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





#27

Terphenyl-d14

Concen: 3.90 ng

RT: 19.55 min Scan# 2613

Delta R.T. 0.00 min

Lab File: BE090543.D

Acq: 17 Aug 2015 21:19

Instrument :

BNA\_E

ClientSampleId :

081315-D534-E-U-S

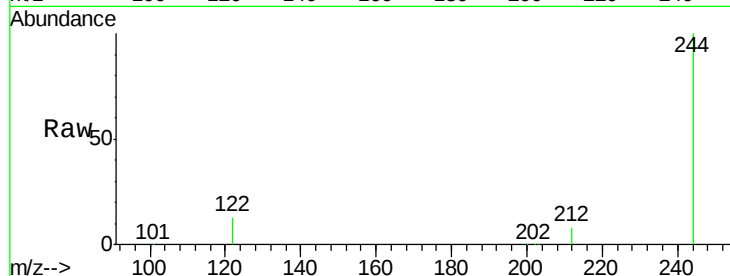
Tgt Ion:244 Resp: 99078

Ion Ratio Lower Upper

244 100

212 8.0 6.6 9.8

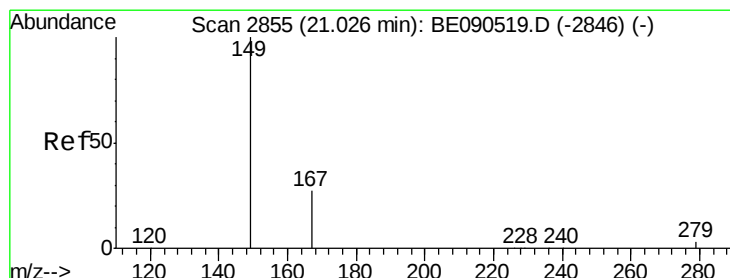
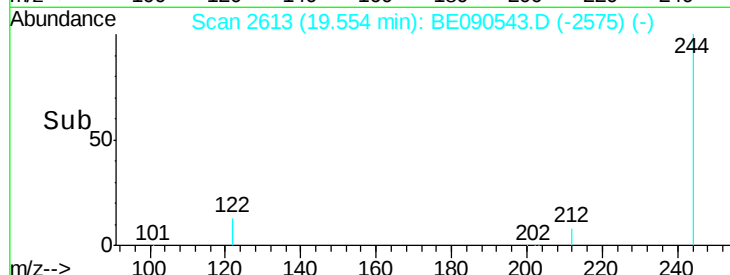
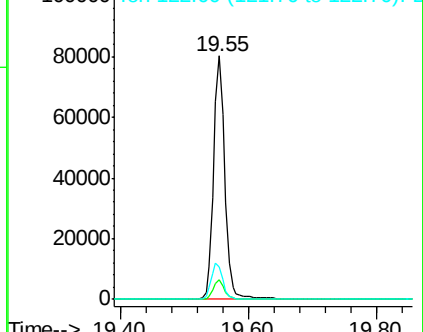
122 13.5 10.2 15.4



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: 0.25 ng

RT: 21.03 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BE090543.D

Acq: 17 Aug 2015 21:19

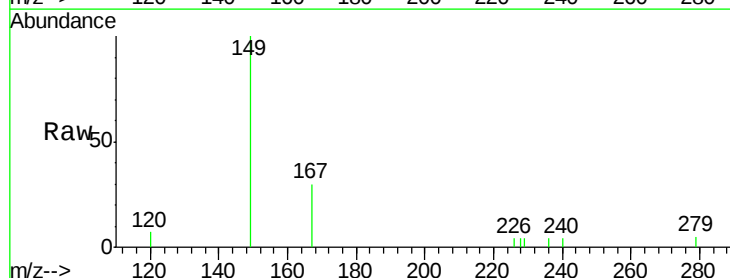
Tgt Ion:149 Resp: 2453

Ion Ratio Lower Upper

149 100

167 25.9 19.8 29.8

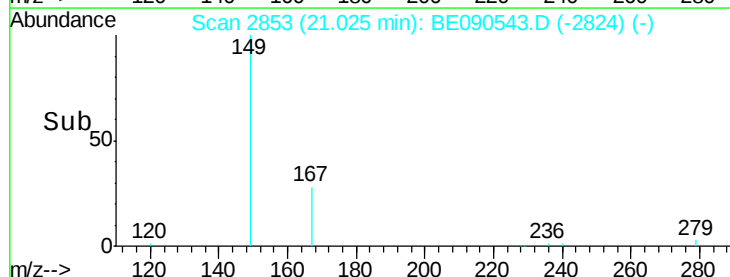
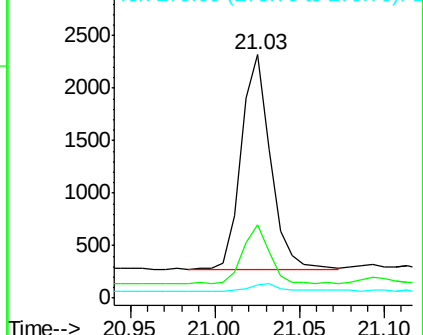
279 4.3 2.4 3.6#

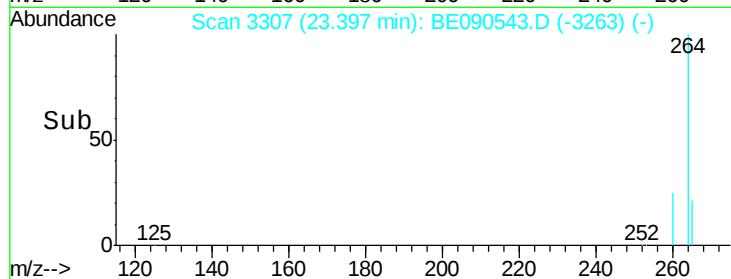


Abundance Ion 149.00 (148.70 to 149.70): E

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# 3307

Delta R.T. 0.00 min

Lab File: BE090543.D

Acq: 17 Aug 2015 21:19

Instrument :

BNA\_E

ClientSampleId :

081315-D534-E-U-S

Tgt Ion: 264 Resp: 128010

Ion Ratio Lower Upper

264 100

260 24.9 20.1 30.1

265 21.9 17.2 25.8

