

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE082015\  
 Data File : BE090581.D  
 Acq On : 20 Aug 2015 19:24  
 Operator : UM/IZ  
 Sample : G3369-03  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 082015-D534-E-U-B

Quant Time: Aug 21 01:45:58 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

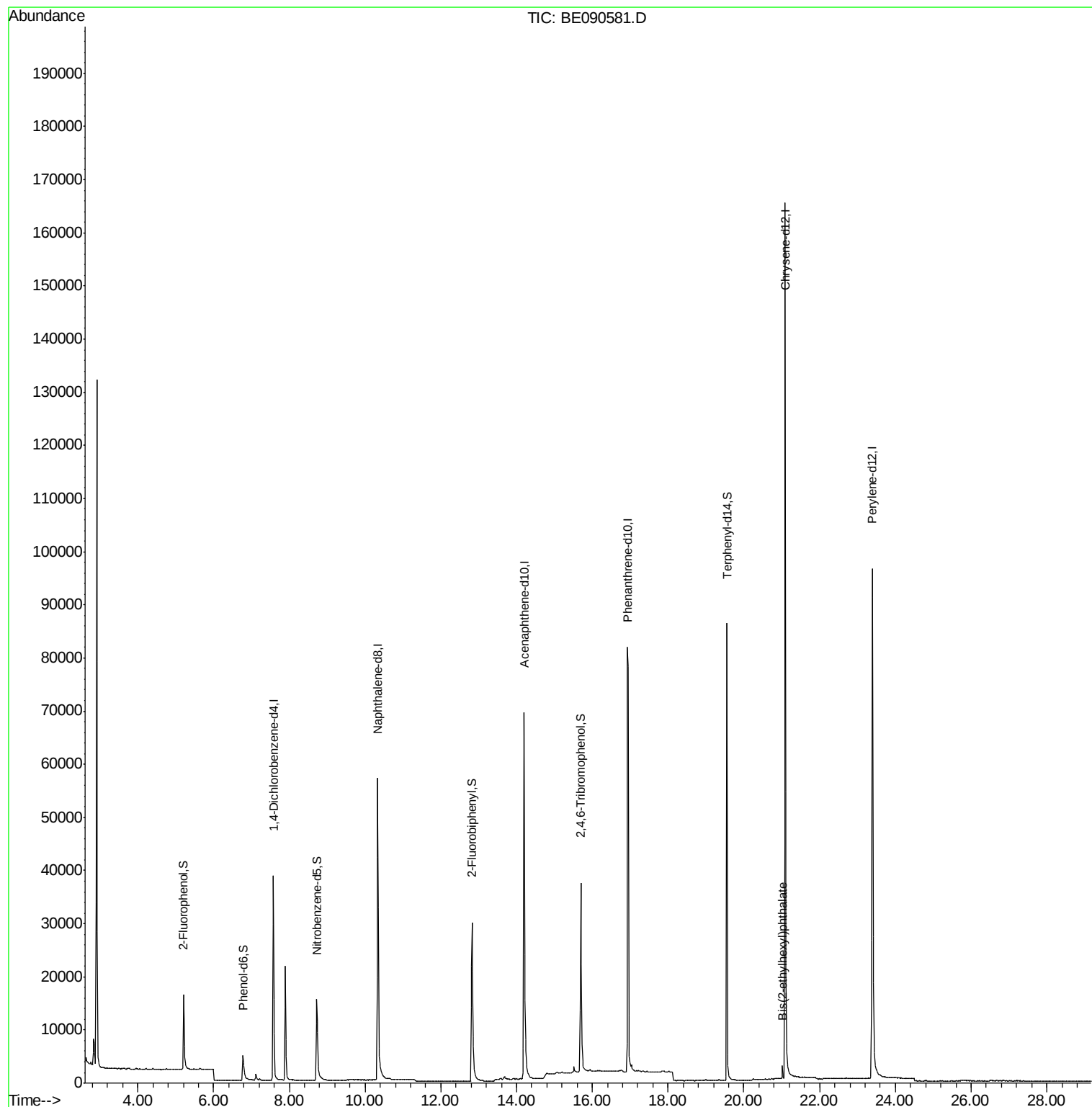
| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min)     |
|--------------------------------|-------|------|----------|------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4      | 7.58  | 152  | 20466    | 5.00 | ng    | 0.00         |
| 6) Naphthalene-d8              | 10.33 | 136  | 94017    | 5.00 | ng    | 0.00         |
| 12) Acenaphthene-d10           | 14.20 | 164  | 57640    | 5.00 | ng    | 0.00         |
| 18) Phenanthrene-d10           | 16.95 | 188  | 145690   | 5.00 | ng    | 0.00         |
| 25) Chrysene-d12               | 21.09 | 240  | 166679   | 5.00 | ng    | 0.00         |
| 32) Perylene-d12               | 23.40 | 264  | 151233   | 5.00 | ng    | 0.00         |
| System Monitoring Compounds    |       |      |          |      |       |              |
| 4) 2-Fluorophenol              | 5.22  | 112  | 12441    | 2.10 | ng    | 0.00         |
| 5) Phenol-d6                   | 6.78  | 99   | 9604     | 1.10 | ng    | 0.00         |
| 7) Nitrobenzene-d5             | 8.72  | 82   | 21345    | 2.85 | ng    | 0.00         |
| 13) 2,4,6-Tribromophenol       | 15.69 | 330  | 18467    | 8.33 | ng    | -0.02        |
| 14) 2-Fluorobiphenyl           | 12.82 | 172  | 47400    | 2.75 | ng    | 0.00         |
| 27) Terphenyl-d14              | 19.55 | 244  | 92595    | 3.04 | ng    | 0.00         |
| Target Compounds               |       |      |          |      |       |              |
| 30) Bis(2-ethylhexyl)phthalate | 21.02 | 149  | 2344     | 0.23 | ng    | Qvalue<br>98 |

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

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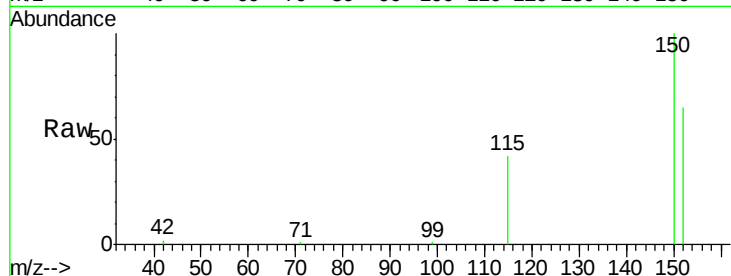




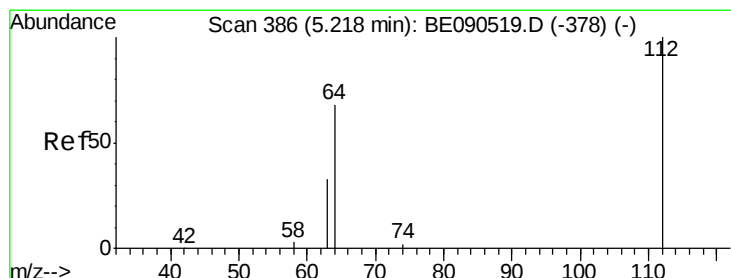
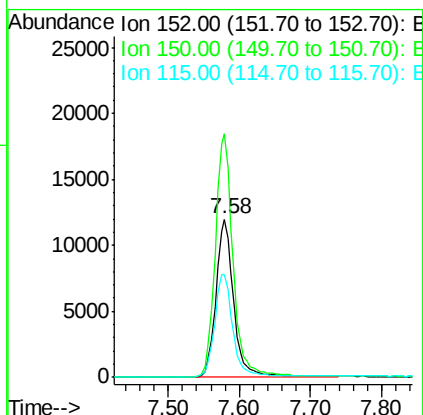
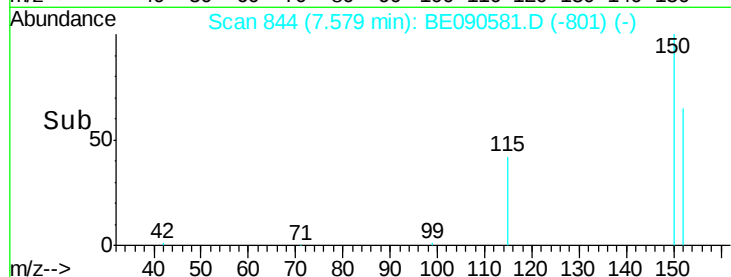
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 5.00 ng  
 RT: 7.58 min Scan# 844  
 Delta R.T. -0.00 min  
 Lab File: BE090581.D  
 Acq: 20 Aug 2015 19:24

Instrument :  
 BNA\_E  
 ClientSampleId :  
 082015-D534-E-U-B

Tgt Ion:152 Resp: 20466  
 Ion Ratio Lower Upper  
 152 100  
 150 154.1 123.0 184.4  
 115 65.4 48.9 73.3

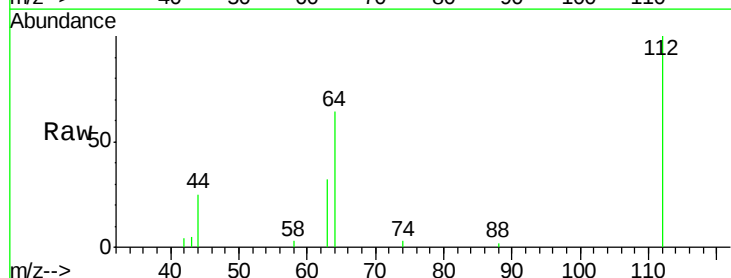


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

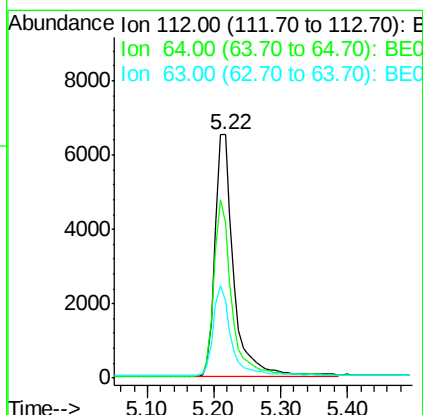
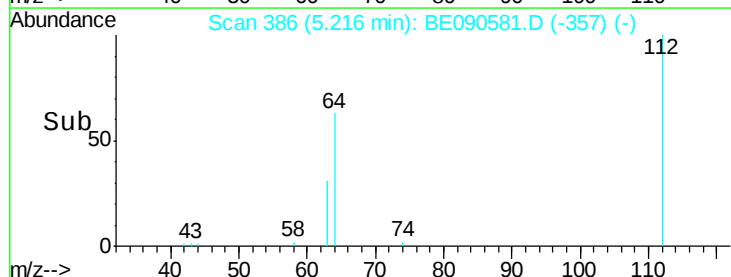


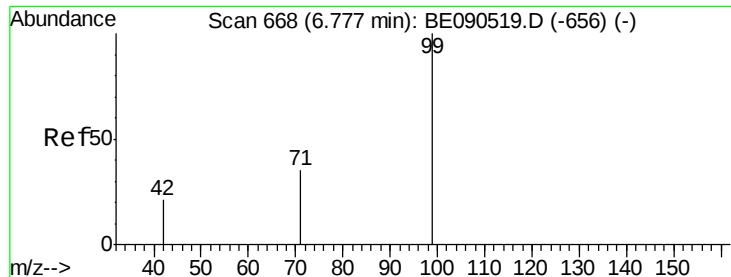
#4  
 2-Fluorophenol  
 Concen: 2.10 ng  
 RT: 5.22 min Scan# 386  
 Delta R.T. -0.00 min  
 Lab File: BE090581.D  
 Acq: 20 Aug 2015 19:24

Tgt Ion:112 Resp: 12441  
 Ion Ratio Lower Upper  
 112 100  
 64 69.2 37.1 55.7#  
 63 35.3 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: 1.10 ng

RT: 6.78 min Scan# 668

Delta R.T. 0.00 min

Lab File: BE090581.D

Acq: 20 Aug 2015 19:24

Instrument :

BNA\_E

ClientSampleId :

082015-D534-E-U-B

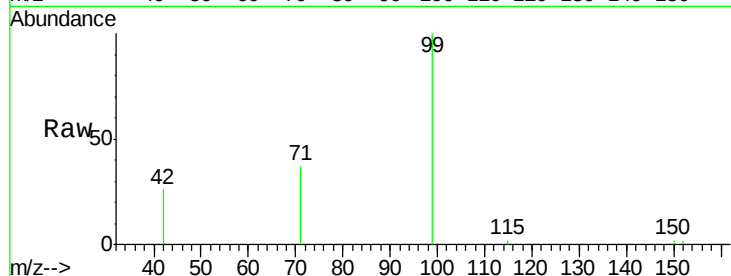
Tgt Ion: 99 Resp: 9604

Ion Ratio Lower Upper

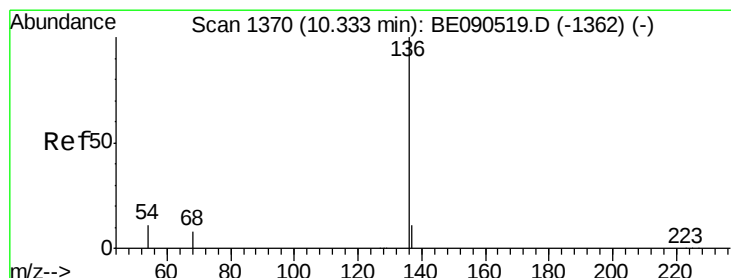
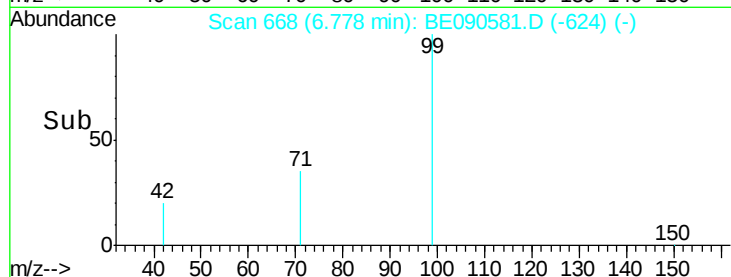
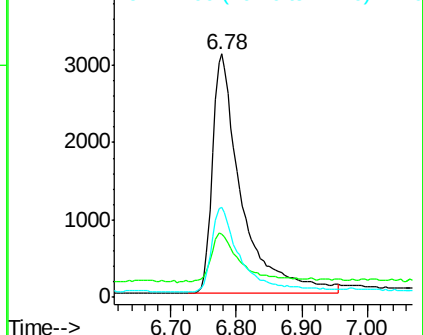
99 100

42 19.1 18.2 27.4

71 35.6 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: 10.33 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BE090581.D

Acq: 20 Aug 2015 19:24

Tgt Ion: 136 Resp: 94017

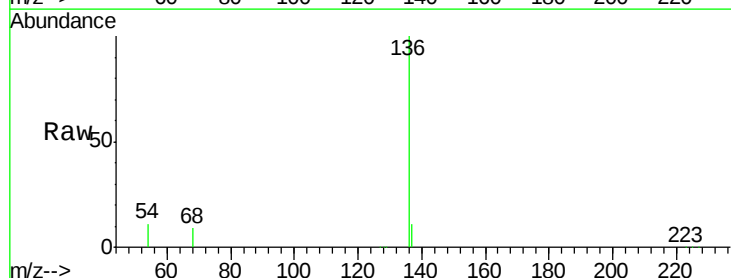
Ion Ratio Lower Upper

136 100

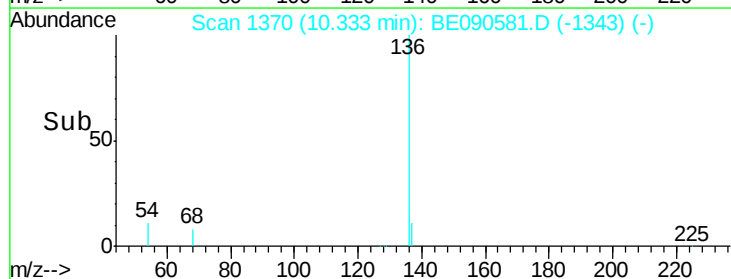
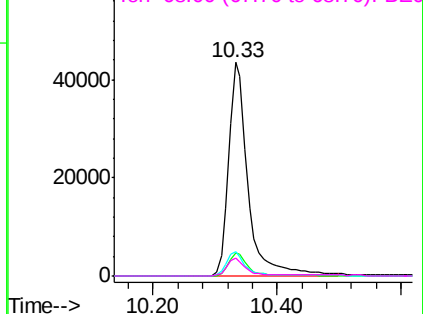
137 11.0 8.7 13.1

54 11.4 9.4 14.0

68 8.6 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: 2.85 ng

RT: 8.72 min Scan# 1092

Delta R.T. -0.00 min

Lab File: BE090581.D

Acq: 20 Aug 2015 19:24

Instrument :

BNA\_E

ClientSampleId :

082015-D534-E-U-B

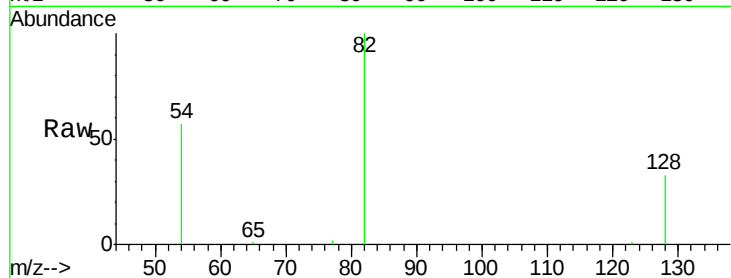
Tgt Ion: 82 Resp: 21345

Ion Ratio Lower Upper

82 100

128 33.0 25.0 37.6

54 57.5 48.8 73.2

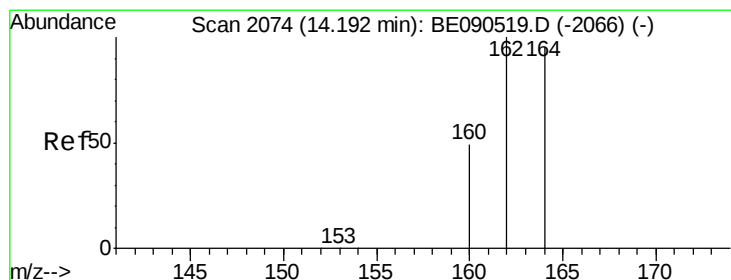
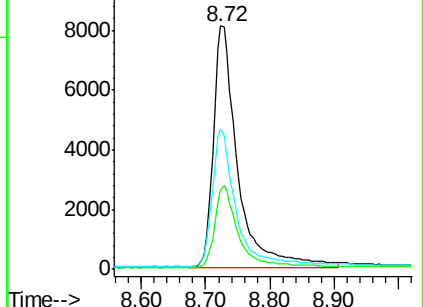
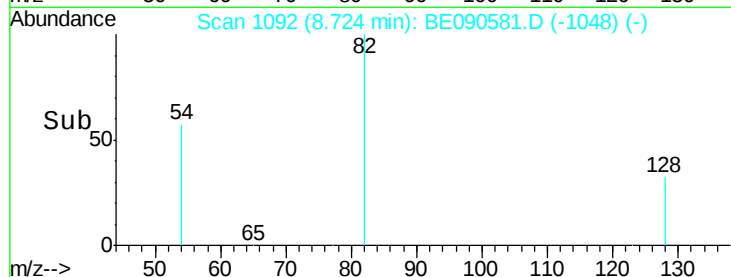


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.20 min Scan# 2075

Delta R.T. 0.01 min

Lab File: BE090581.D

Acq: 20 Aug 2015 19:24

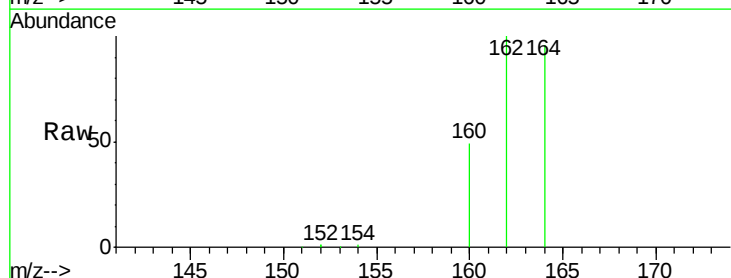
Tgt Ion: 164 Resp: 57640

Ion Ratio Lower Upper

164 100

162 104.4 81.8 122.8

160 50.7 44.2 66.4

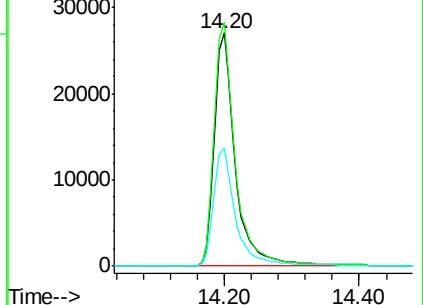
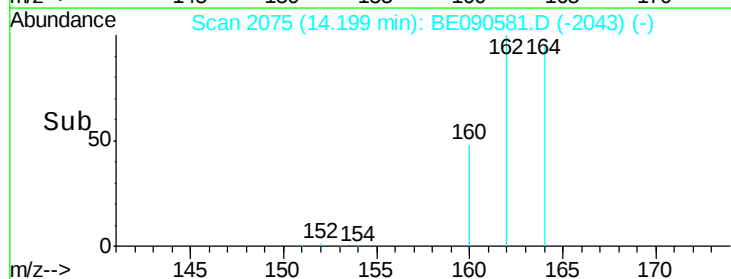


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->

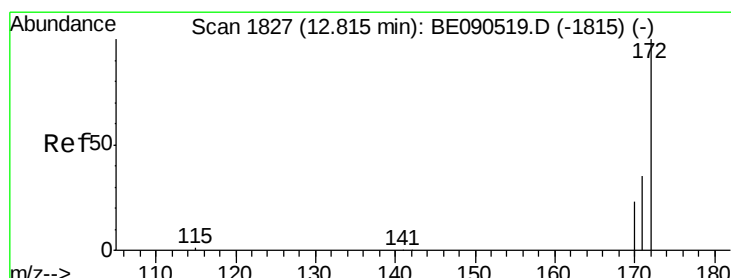
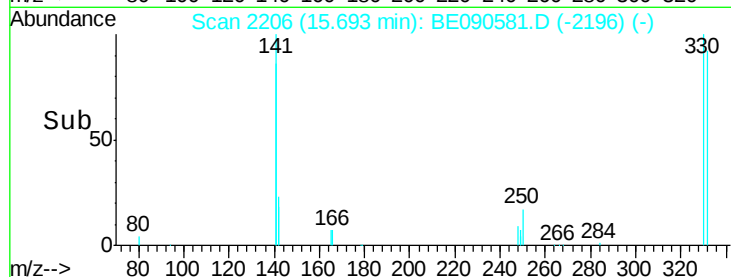
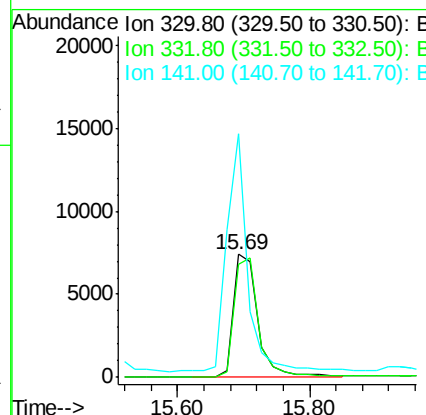
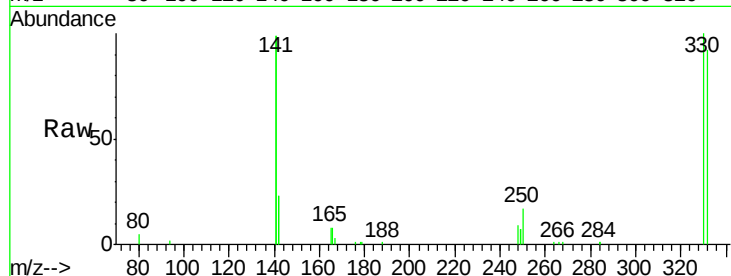




#13  
 2,4,6-Tribromophenol  
 Concen: 8.33 ng  
 RT: 15.69 min Scan# 2206  
 Delta R.T. -0.02 min  
 Lab File: BE090581.D  
 Acq: 20 Aug 2015 19:24

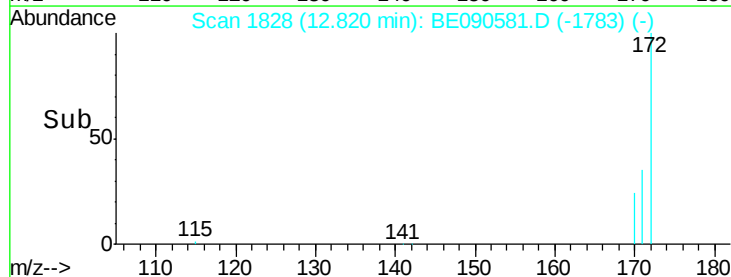
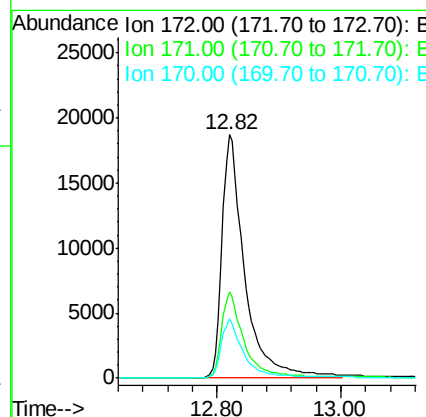
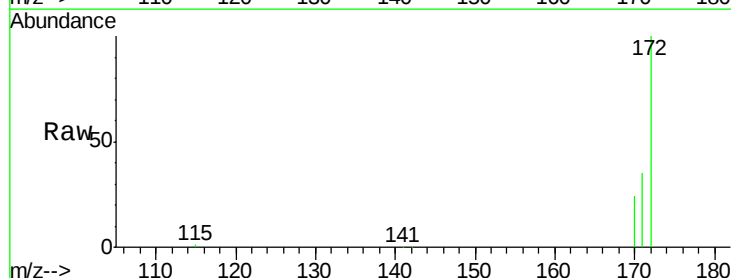
Instrument :  
 BNA\_E  
 ClientSampleId :  
 082015-D534-E-U-B

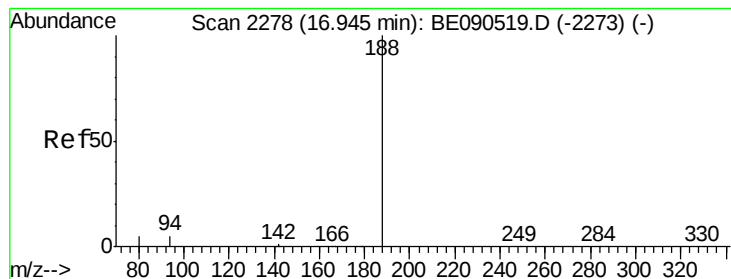
Tgt Ion:330 Resp: 18467  
 Ion Ratio Lower Upper  
 330 100  
 332 97.7 75.8 113.6  
 141 166.4 114.4 171.6



#14  
 2-Fluorobiphenyl  
 Concen: 2.75 ng  
 RT: 12.82 min Scan# 1828  
 Delta R.T. 0.00 min  
 Lab File: BE090581.D  
 Acq: 20 Aug 2015 19:24

Tgt Ion:172 Resp: 47400  
 Ion Ratio Lower Upper  
 172 100  
 171 35.5 28.5 42.7  
 170 24.3 19.8 29.8





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.95 min Scan# 2278

Delta R.T. -0.00 min

Lab File: BE090581.D

Acq: 20 Aug 2015 19:24

Instrument :

BNA\_E

ClientSampleId :

082015-D534-E-U-B

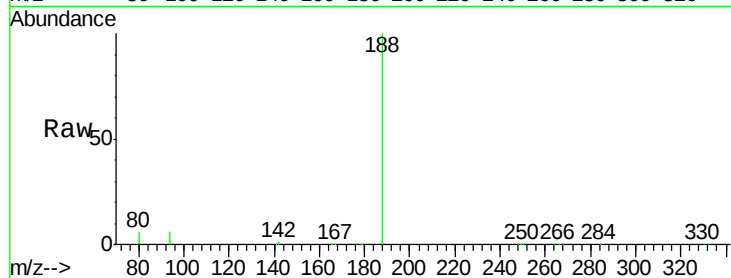
Tgt Ion:188 Resp: 145690

Ion Ratio Lower Upper

188 100

94 5.9 5.7 8.5

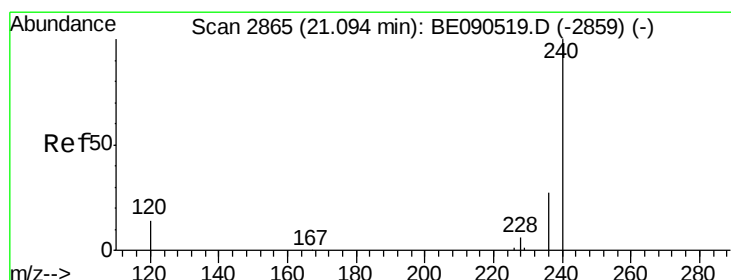
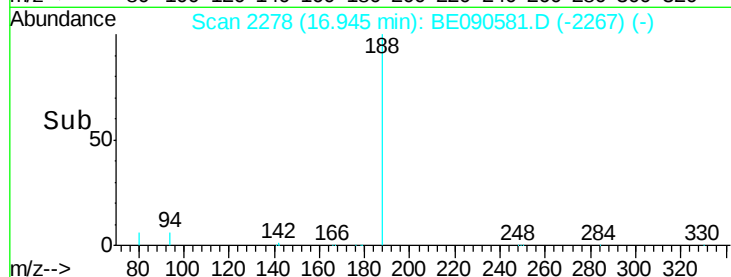
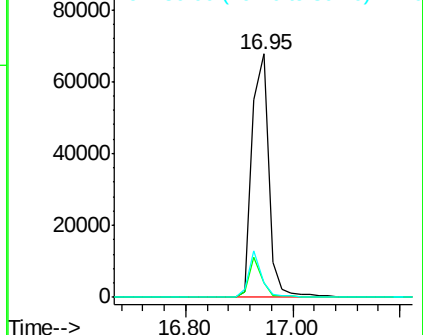
80 6.2 5.8 8.8



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: 21.09 min Scan# 2865

Delta R.T. 0.00 min

Lab File: BE090581.D

Acq: 20 Aug 2015 19:24

Tgt Ion:240 Resp: 166679

Ion Ratio Lower Upper

240 100

120 13.3 8.3 12.5#

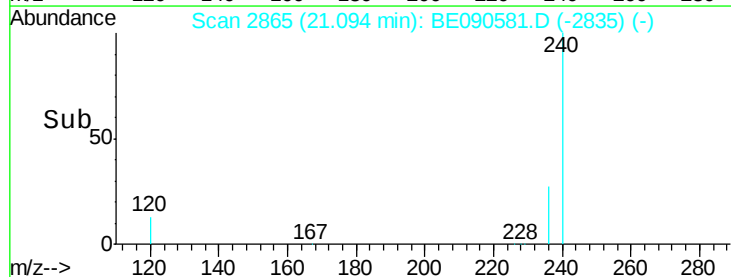
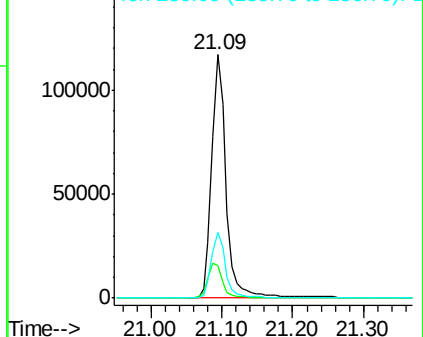
236 27.1 21.0 31.4



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

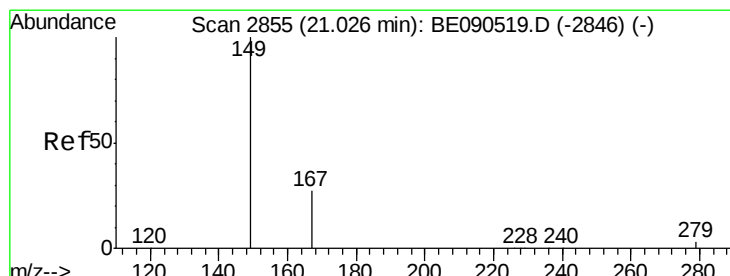
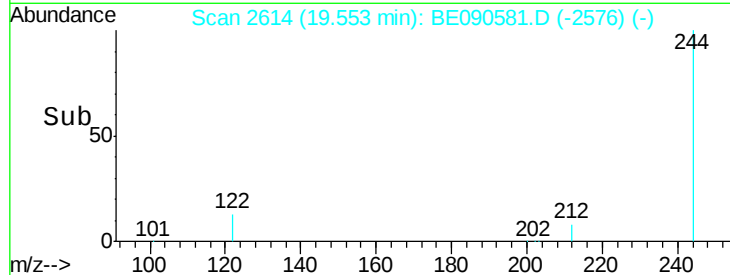
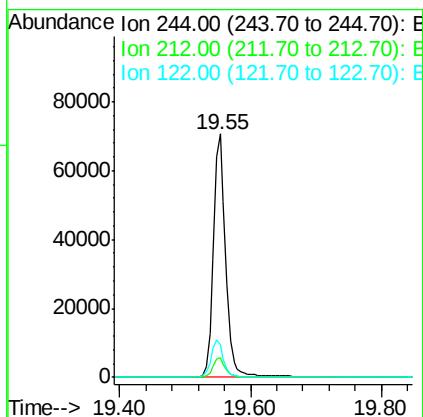
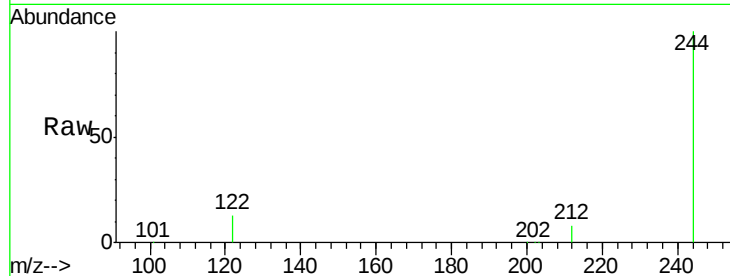




#27  
 Terphenyl-d14  
 Concen: 3.04 ng  
 RT: 19.55 min Scan# 2614  
 Delta R.T. 0.00 min  
 Lab File: BE090581.D  
 Acq: 20 Aug 2015 19:24

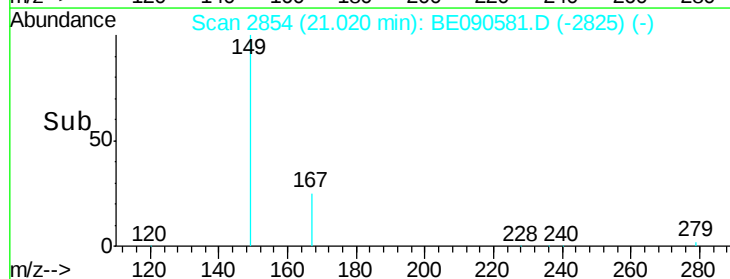
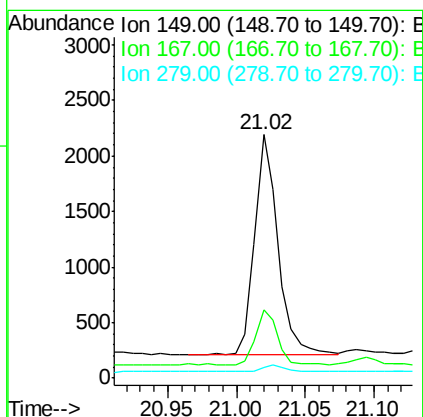
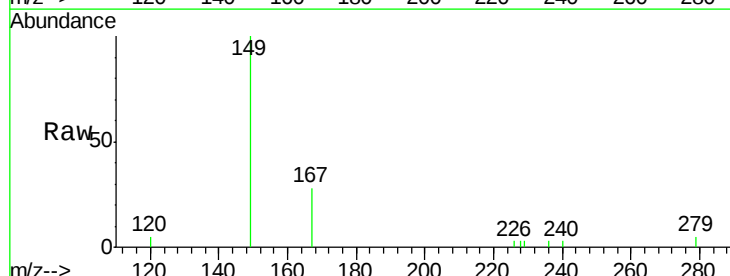
Instrument :  
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Tgt Ion:244 Resp: 92595  
 Ion Ratio Lower Upper  
 244 100  
 212 8.0 6.6 9.8  
 122 13.3 10.2 15.4



#30  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.23 ng  
 RT: 21.02 min Scan# 2854  
 Delta R.T. -0.01 min  
 Lab File: BE090581.D  
 Acq: 20 Aug 2015 19:24

Tgt Ion:149 Resp: 2344  
 Ion Ratio Lower Upper  
 149 100  
 167 24.0 19.8 29.8  
 279 3.5 2.4 3.6





#32

Perylene-d12

Concen: 5.00 ng

RT: 23.40 min Scan# 3308

Delta R.T. 0.00 min

Lab File: BE090581.D

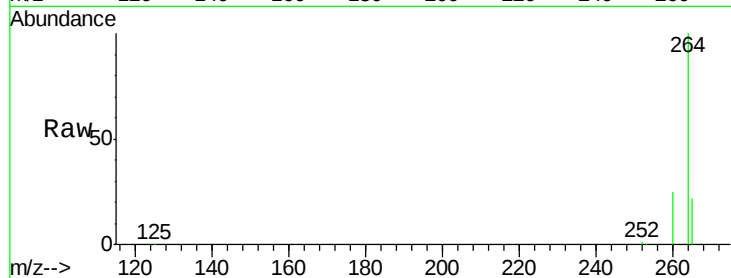
Acq: 20 Aug 2015 19:24

Instrument :

BNA\_E

ClientSampleId :

082015-D534-E-U-B



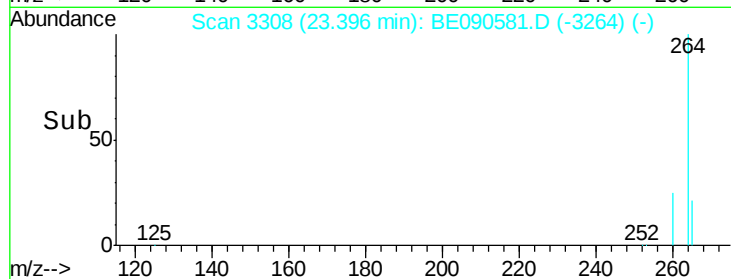
Tgt Ion: 264 Resp: 151233

Ion Ratio Lower Upper

264 100

260 25.0 20.1 30.1

265 21.9 17.2 25.8



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

