

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE091415\  
 Data File : BE090798.D  
 Acq On : 14 Sep 2015 11:49  
 Operator : UM/IZ  
 Sample : G3635-06  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 091015-D534-F-U-S

Quant Time: Sep 14 14:32:16 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

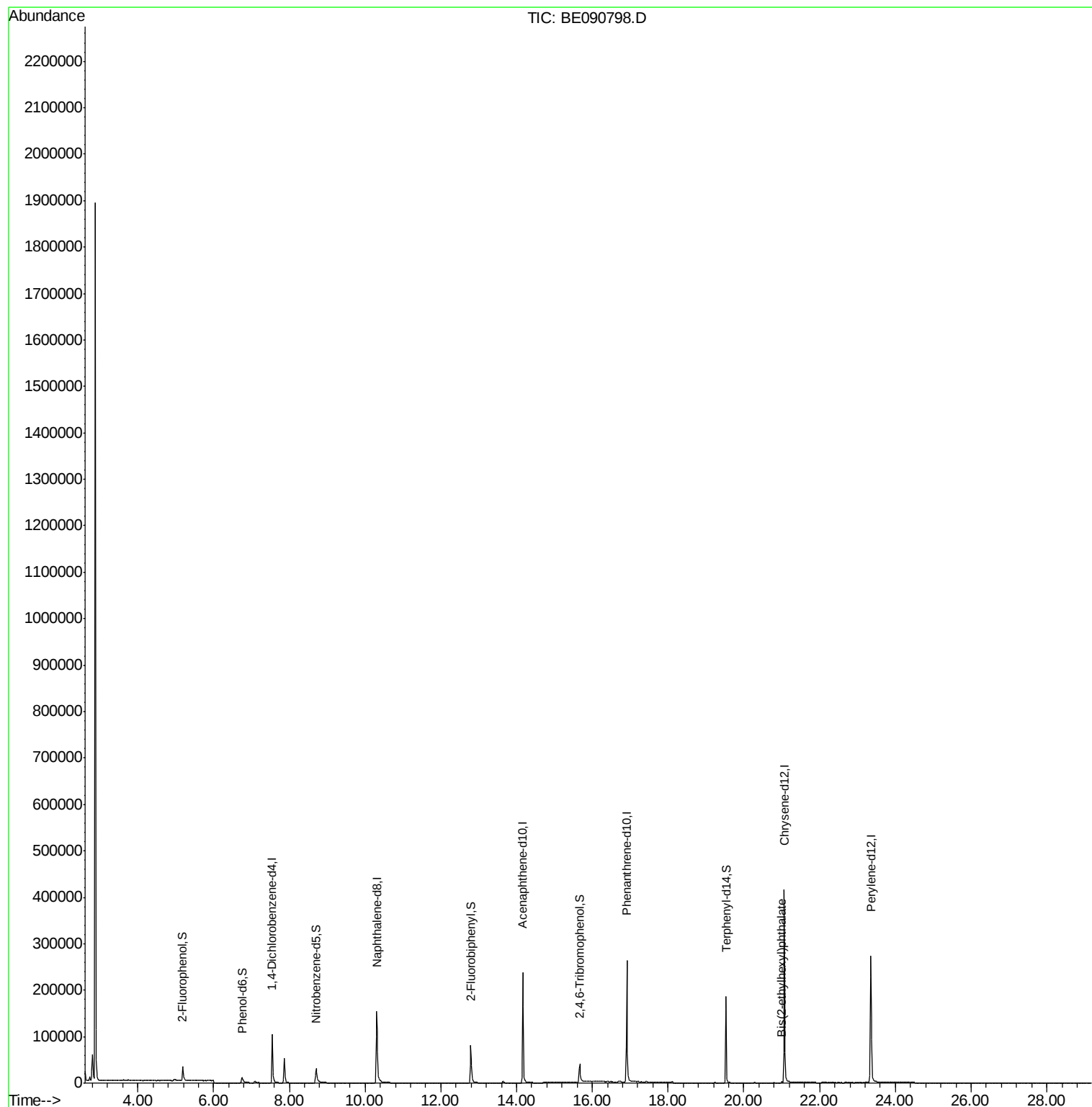
| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min)       |
|--------------------------------|-------|------|----------|------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4      | 7.55  | 152  | 59433    | 5.00 | ng    | 0.00           |
| 6) Naphthalene-d8              | 10.31 | 136  | 274430   | 5.00 | ng    | 0.00           |
| 12) Acenaphthene-d10           | 14.17 | 164  | 147290   | 5.00 | ng    | 0.00           |
| 18) Phenanthrene-d10           | 16.91 | 188  | 343728   | 5.00 | ng    | 0.00           |
| 25) Chrysene-d12               | 21.07 | 240  | 425061   | 5.00 | ng    | 0.00           |
| 32) Perylene-d12               | 23.36 | 264  | 389744   | 5.00 | ng    | 0.00           |
| System Monitoring Compounds    |       |      |          |      |       |                |
| 4) 2-Fluorophenol              | 5.18  | 112  | 32280    | 2.80 | ng    | 0.00           |
| 5) Phenol-d6                   | 6.75  | 99   | 27635    | 1.67 | ng    | 0.00           |
| 7) Nitrobenzene-d5             | 8.71  | 82   | 53541    | 2.95 | ng    | 0.00           |
| 13) 2,4,6-Tribromophenol       | 15.67 | 330  | 22771    | 5.32 | ng    | 0.00           |
| 14) 2-Fluorobiphenyl           | 12.79 | 172  | 114783   | 2.81 | ng    | 0.00           |
| 27) Terphenyl-d14              | 19.53 | 244  | 195525   | 4.16 | ng    | -0.01          |
| Target Compounds               |       |      |          |      |       |                |
| 30) Bis(2-ethylhexyl)phthalate | 21.00 | 149  | 2547     | 0.17 | ng    | Qvalue<br># 97 |

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

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Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
091015-D534-F-U-S

Quant Time: Sep 14 14:32:16 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

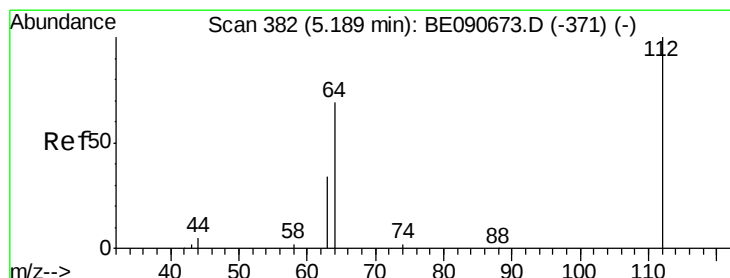
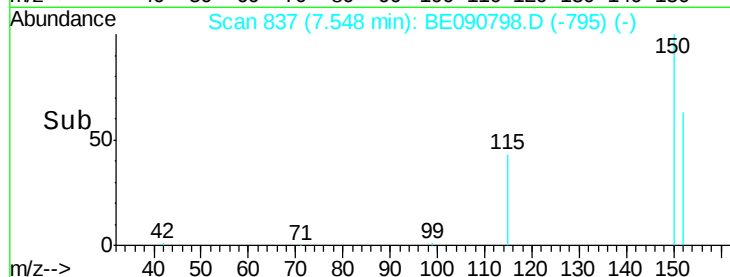
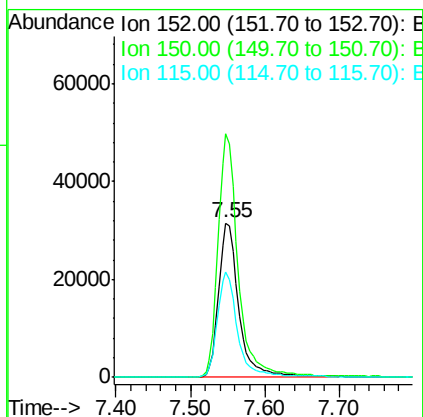
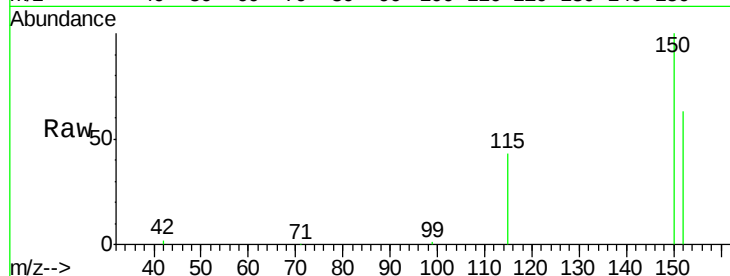




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 5.00 ng  
 RT: 7.55 min Scan# 837  
 Delta R.T. -0.01 min  
 Lab File: BE090798.D  
 Acq: 14 Sep 2015 11:49

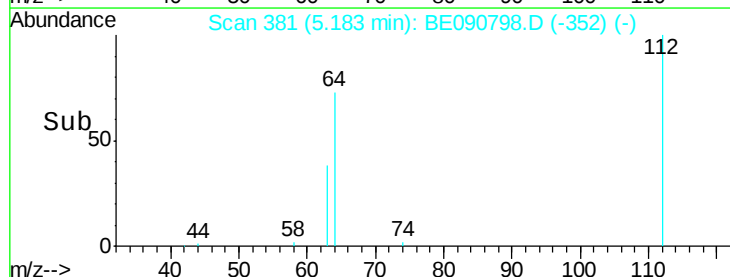
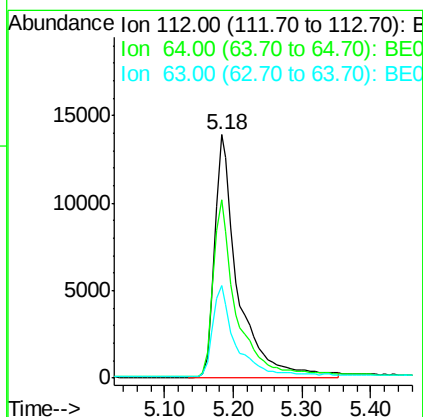
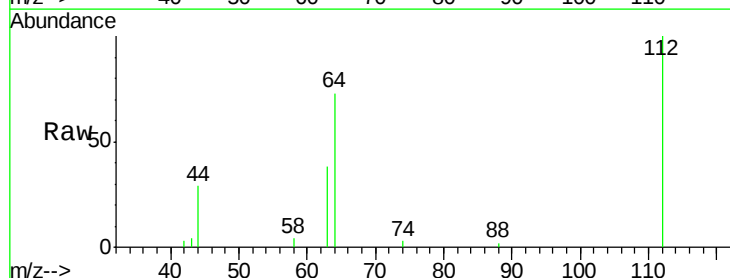
Instrument :  
 BNA\_E  
 ClientSampleId :  
 091015-D534-F-U-S

Tgt Ion:152 Resp: 59433  
 Ion Ratio Lower Upper  
 152 100  
 150 158.1 122.2 183.4  
 115 68.4 51.0 76.4



#4  
 2-Fluorophenol  
 Concen: 2.80 ng  
 RT: 5.18 min Scan# 381  
 Delta R.T. -0.01 min  
 Lab File: BE090798.D  
 Acq: 14 Sep 2015 11:49

Tgt Ion:112 Resp: 32280  
 Ion Ratio Lower Upper  
 112 100  
 64 72.7 57.3 85.9  
 63 37.0 29.2 43.8





#5

Phenol-d6

Concen: 1.67 ng

RT: 6.75 min Scan# 661

Delta R.T. -0.00 min

Lab File: BE090798.D

Acq: 14 Sep 2015 11:49

Instrument :

BNA\_E

ClientSampleId :

091015-D534-F-U-S

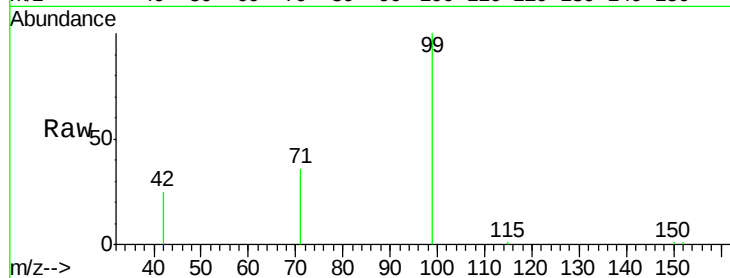
Tgt Ion: 99 Resp: 27635

Ion Ratio Lower Upper

99 100

42 21.4 16.8 25.2

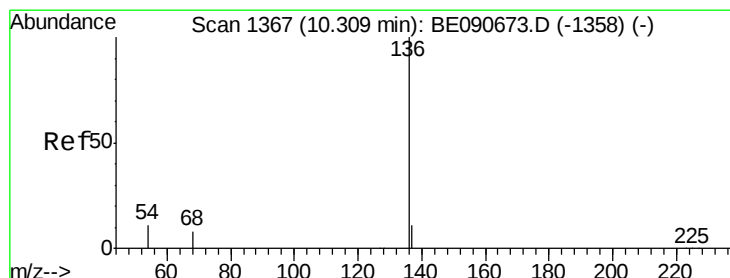
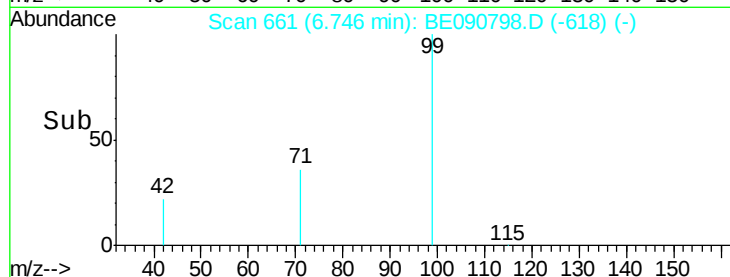
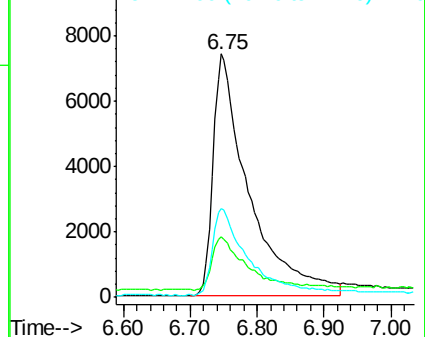
71 35.6 28.3 42.5



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: BE090798.D

Acq: 14 Sep 2015 11:49

Tgt Ion: 136 Resp: 274430

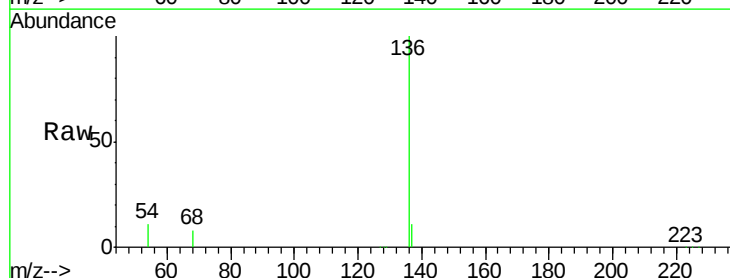
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 10.9 9.0 13.6

68 8.0 6.3 9.5

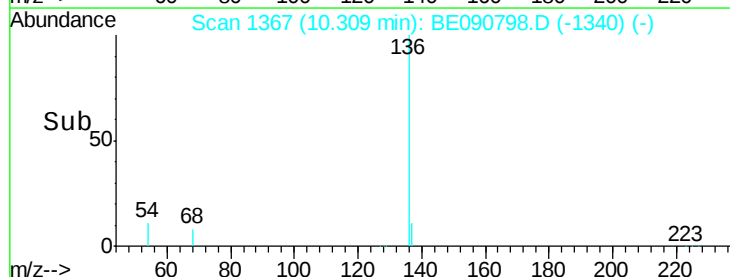
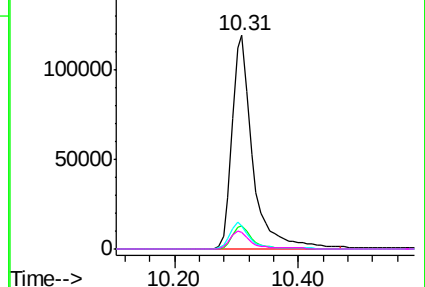


Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.95 ng

RT: 8.71 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BE090798.D

Acq: 14 Sep 2015 11:49

Instrument :

BNA\_E

ClientSampleId :

091015-D534-F-U-S

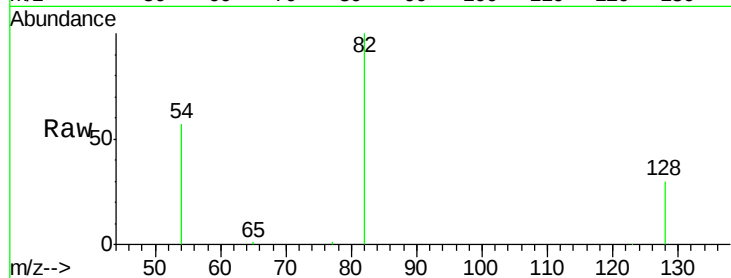
Tgt Ion: 82 Resp: 53541

Ion Ratio Lower Upper

82 100

128 29.9 25.0 37.4

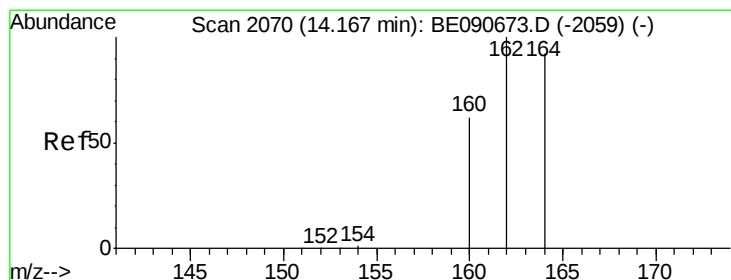
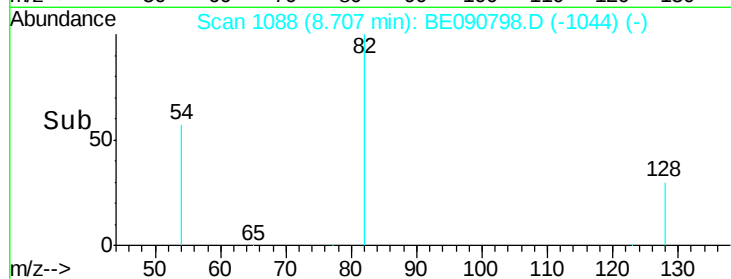
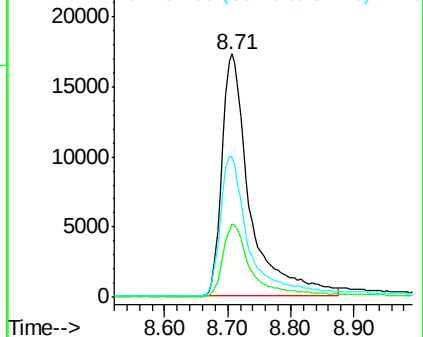
54 57.3 46.3 69.5



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: BE090798.D

Acq: 14 Sep 2015 11:49

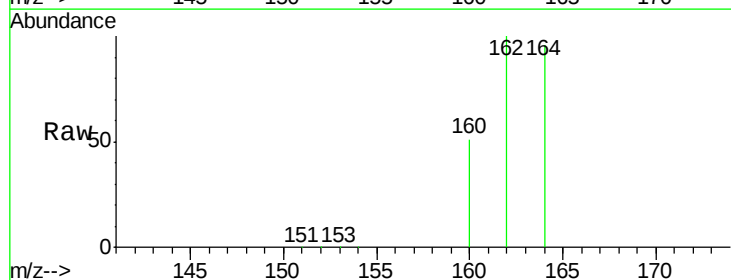
Tgt Ion: 164 Resp: 147290

Ion Ratio Lower Upper

164 100

162 103.9 86.8 130.2

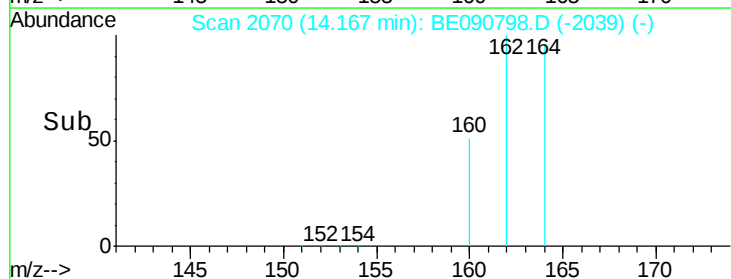
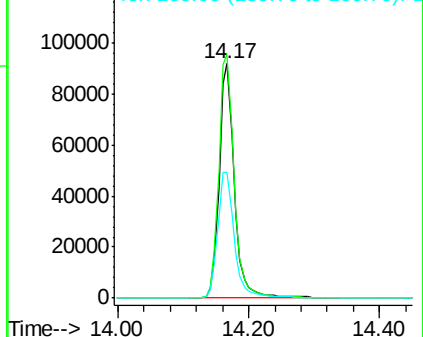
160 53.5 53.9 80.9#



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

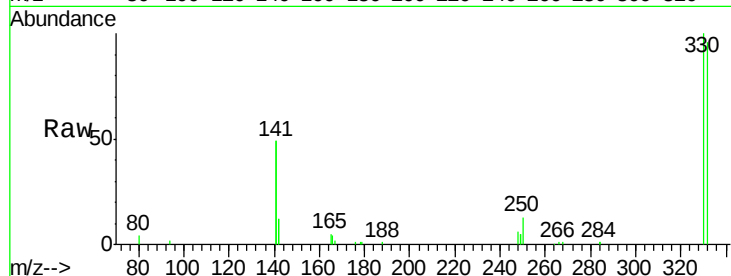




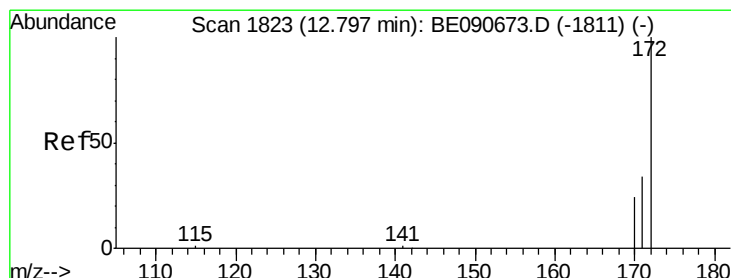
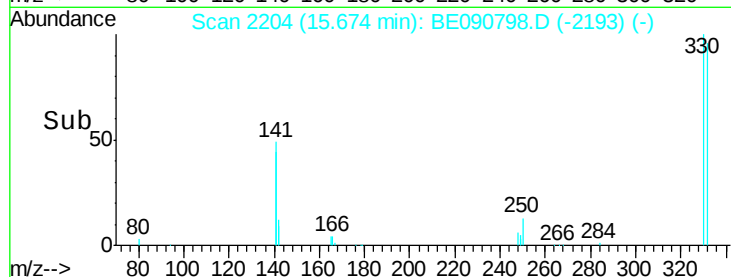
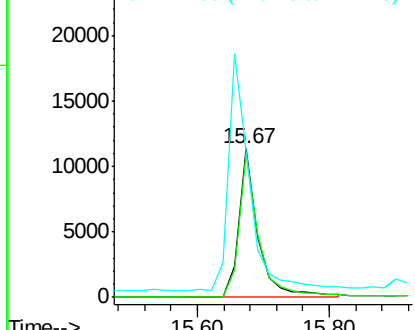
#13  
 2,4,6-Tribromophenol  
 Concen: 5.32 ng  
 RT: 15.67 min Scan# 2204  
 Delta R.T. -0.00 min  
 Lab File: BE090798.D  
 Acq: 14 Sep 2015 11:49

Instrument :  
 BNA\_E  
 ClientSampleId :  
 091015-D534-F-U-S

Tgt Ion:330 Resp: 22771  
 Ion Ratio Lower Upper  
 330 100  
 332 98.0 74.9 112.3  
 141 177.5 145.2 217.8

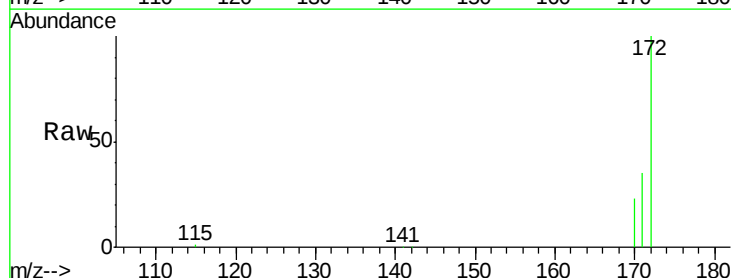


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

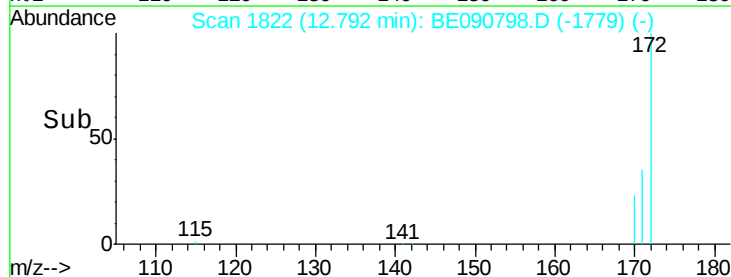
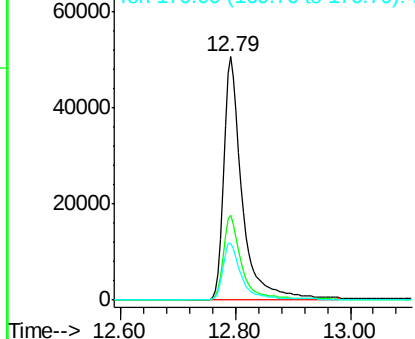


#14  
 2-Fluorobiphenyl  
 Concen: 2.81 ng  
 RT: 12.79 min Scan# 1822  
 Delta R.T. -0.01 min  
 Lab File: BE090798.D  
 Acq: 14 Sep 2015 11:49

Tgt Ion:172 Resp: 114783  
 Ion Ratio Lower Upper  
 172 100  
 171 34.7 27.8 41.8  
 170 23.4 19.8 29.6



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.91 min Scan# 2275

Delta R.T. -0.00 min

Lab File: BE090798.D

Acq: 14 Sep 2015 11:49

Instrument :

BNA\_E

ClientSampleId :

091015-D534-F-U-S

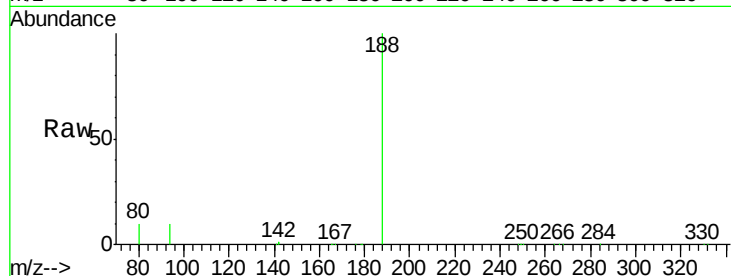
Tgt Ion:188 Resp: 343728

Ion Ratio Lower Upper

188 100

94 9.6 10.3 15.5#

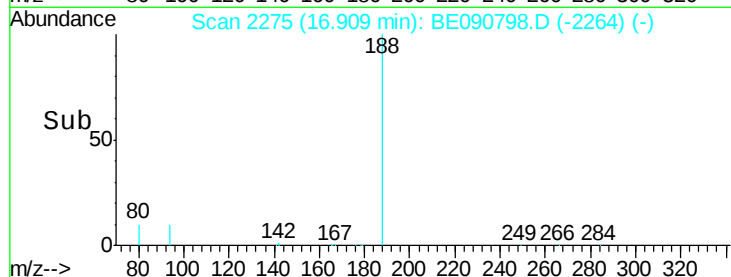
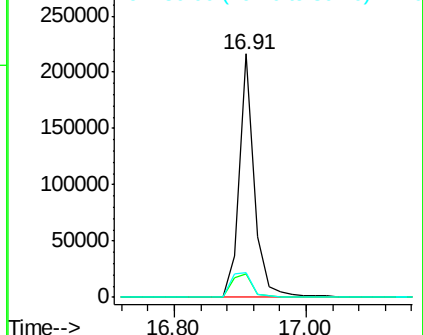
80 10.4 11.0 16.6#



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# 2860

Delta R.T. -0.01 min

Lab File: BE090798.D

Acq: 14 Sep 2015 11:49

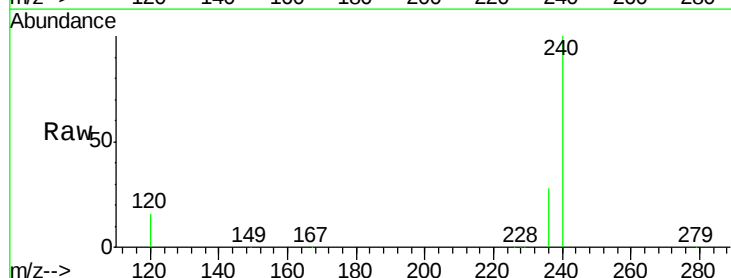
Tgt Ion:240 Resp: 425061

Ion Ratio Lower Upper

240 100

120 15.8 10.1 15.1#

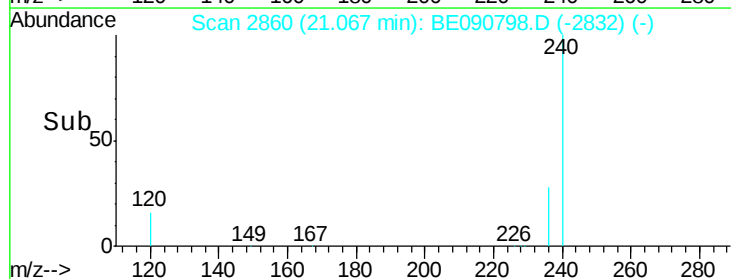
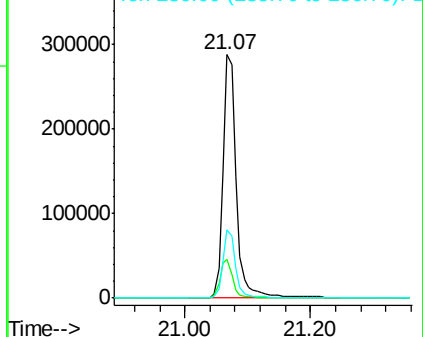
236 27.8 21.9 32.9



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

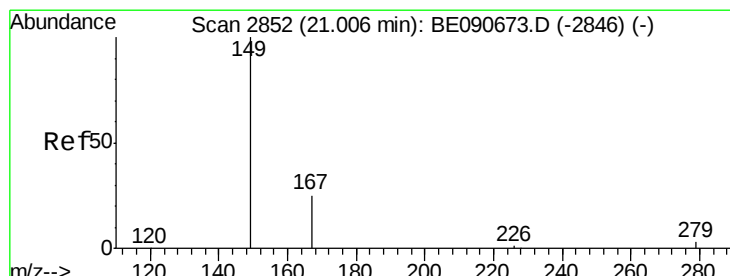
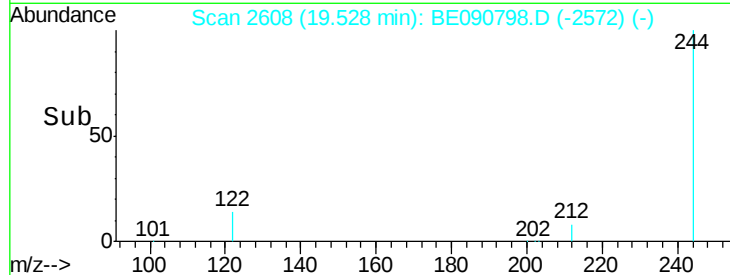
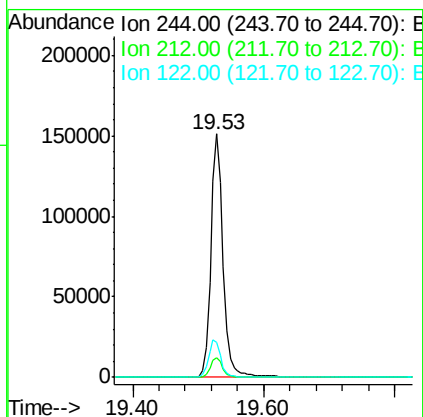
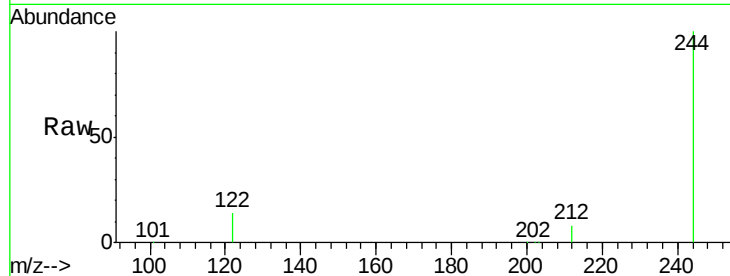




#27  
 Terphenyl-d14  
 Concen: 4.16 ng  
 RT: 19.53 min Scan# 2608  
 Delta R.T. -0.01 min  
 Lab File: BE090798.D  
 Acq: 14 Sep 2015 11:49

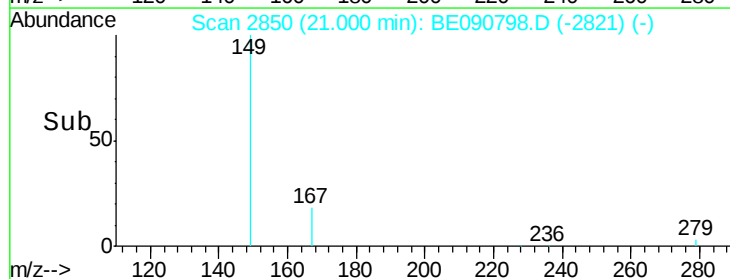
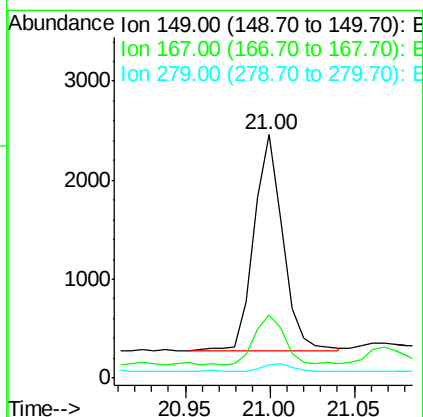
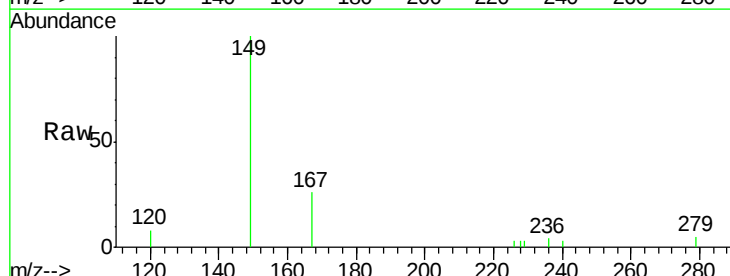
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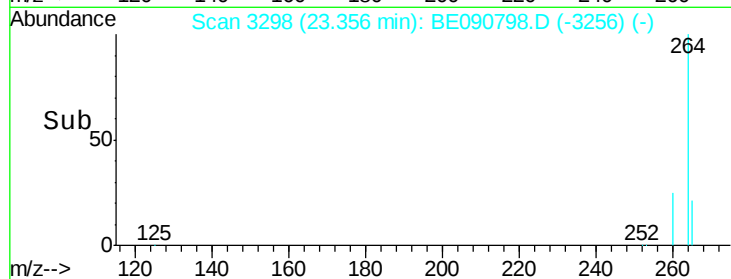
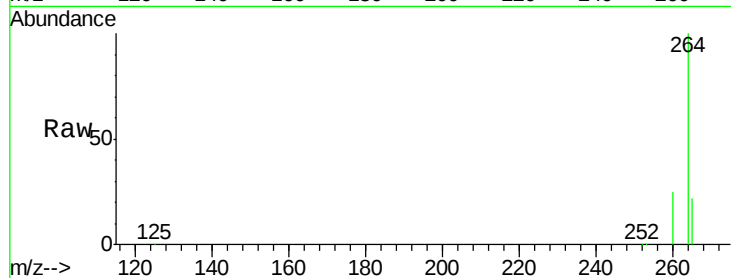
Tgt Ion: 244 Resp: 195525  
 Ion Ratio Lower Upper  
 244 100  
 212 8.0 6.9 10.3  
 122 14.4 12.9 19.3



#30  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.17 ng  
 RT: 21.00 min Scan# 2850  
 Delta R.T. -0.01 min  
 Lab File: BE090798.D  
 Acq: 14 Sep 2015 11:49

Tgt Ion: 149 Resp: 2547  
 Ion Ratio Lower Upper  
 149 100  
 167 23.8 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. -0.01 min

Lab File: BE090798.D

Acq: 14 Sep 2015 11:49

Instrument :

BNA\_E

ClientSampleId :

091015-D534-F-U-S

Tgt Ion: 264 Resp: 389744

Ion Ratio Lower Upper

264 100

260 24.7 19.7 29.5

265 21.7 17.5 26.3

