

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE091015\  
 Data File : BE090776.D  
 Acq On : 11 Sep 2015 00:11  
 Operator : UM/IZ  
 Sample : G3599-06  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 090415-D534-F-D-M

Quant Time: Sep 11 03:49:00 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

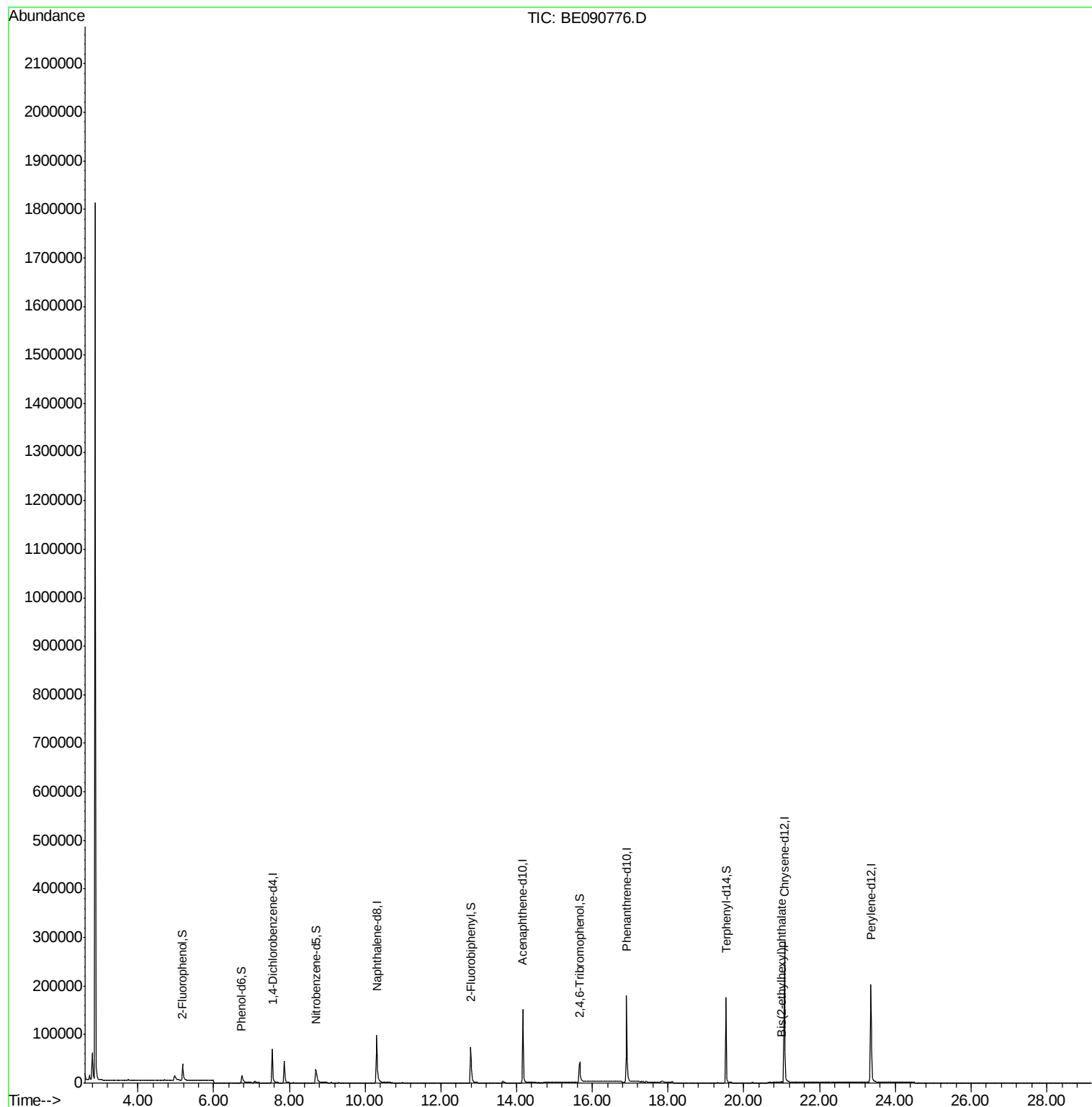
| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min)     |
|--------------------------------|-------|------|----------|------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4      | 7.55  | 152  | 40378    | 5.00 | ng    | 0.00         |
| 6) Naphthalene-d8              | 10.31 | 136  | 179234   | 5.00 | ng    | 0.00         |
| 12) Acenaphthene-d10           | 14.17 | 164  | 94843    | 5.00 | ng    | 0.00         |
| 18) Phenanthrene-d10           | 16.91 | 188  | 236245   | 5.00 | ng    | 0.00         |
| 25) Chrysene-d12               | 21.07 | 240  | 300073   | 5.00 | ng    | 0.00         |
| 32) Perylene-d12               | 23.36 | 264  | 278565   | 5.00 | ng    | 0.00         |
| System Monitoring Compounds    |       |      |          |      |       |              |
| 4) 2-Fluorophenol              | 5.18  | 112  | 33825    | 4.31 | ng    | 0.00         |
| 5) Phenol-d6                   | 6.75  | 99   | 30983    | 2.76 | ng    | 0.00         |
| 7) Nitrobenzene-d5             | 8.70  | 82   | 48072    | 4.06 | ng    | 0.00         |
| 13) 2,4,6-Tribromophenol       | 15.67 | 330  | 24756    | 8.87 | ng    | 0.00         |
| 14) 2-Fluorobiphenyl           | 12.79 | 172  | 102452   | 3.90 | ng    | 0.00         |
| 27) Terphenyl-d14              | 19.53 | 244  | 189084   | 5.70 | ng    | -0.01        |
| Target Compounds               |       |      |          |      |       |              |
| 30) Bis(2-ethylhexyl)phthalate | 21.00 | 149  | 2536     | 0.21 | 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: 7.55 min Scan# 838

Delta R.T. -0.01 min

Lab File: BE090776.D

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Instrument :

BNA\_E

ClientSampleId :

090415-D534-F-D-M

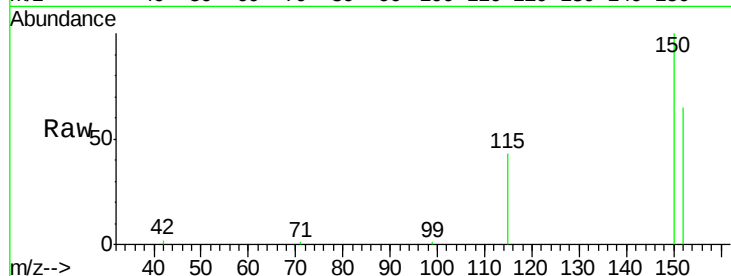
Tgt Ion:152 Resp: 40378

Ion Ratio Lower Upper

152 100

150 154.8 122.2 183.4

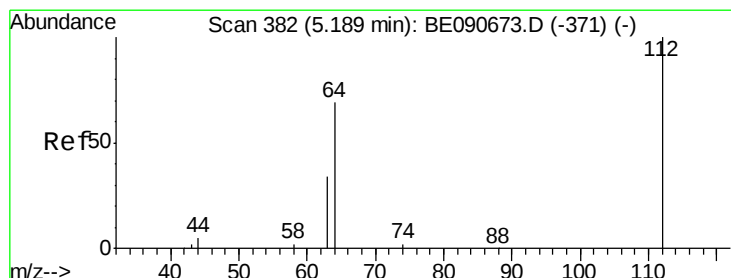
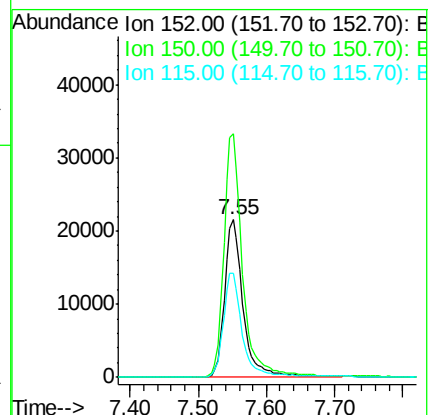
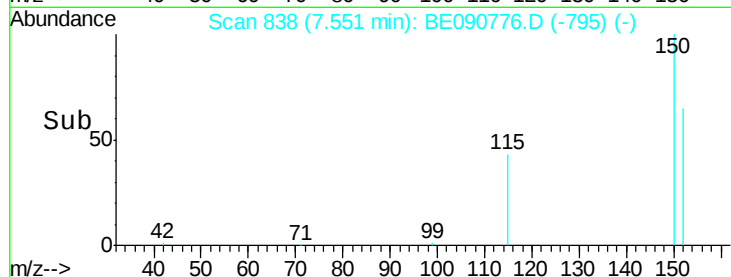
115 66.4 51.0 76.4



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: 4.31 ng

RT: 5.18 min Scan# 381

Delta R.T. -0.00 min

Lab File: BE090776.D

Acq: 11 Sep 2015 00:11

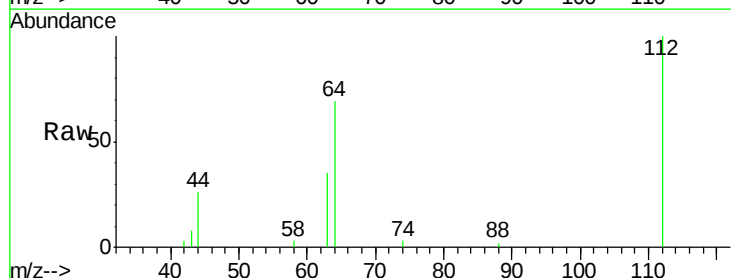
Tgt Ion:112 Resp: 33825

Ion Ratio Lower Upper

112 100

64 72.2 57.3 85.9

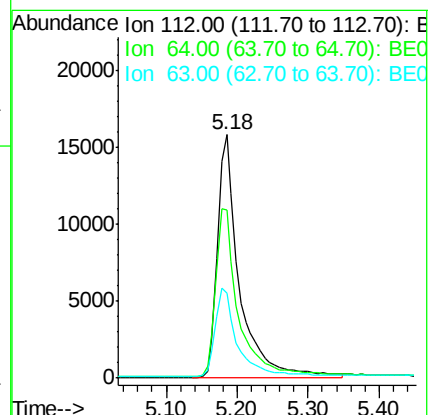
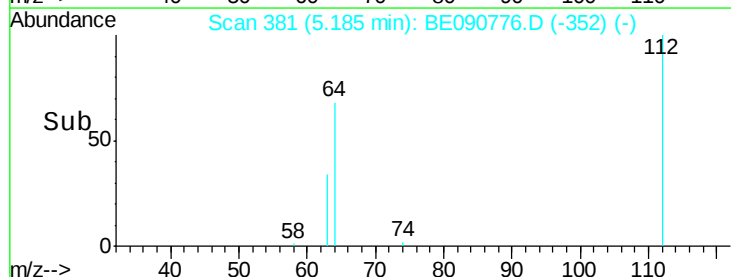
63 37.6 29.2 43.8



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: 2.76 ng

RT: 6.75 min Scan# 661

Delta R.T. -0.01 min

Lab File: BE090776.D

Acq: 11 Sep 2015 00:11

Instrument :

BNA\_E

ClientSampleId :

090415-D534-F-D-M

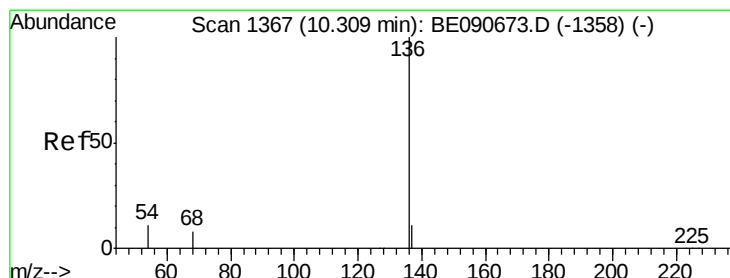
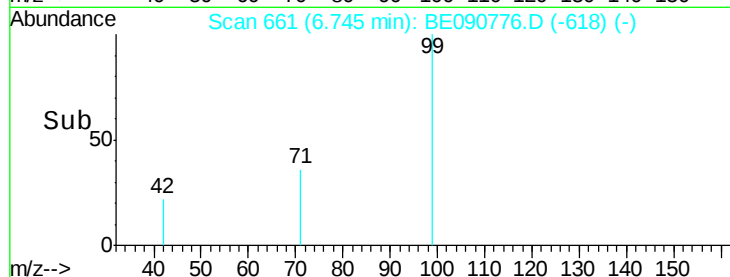
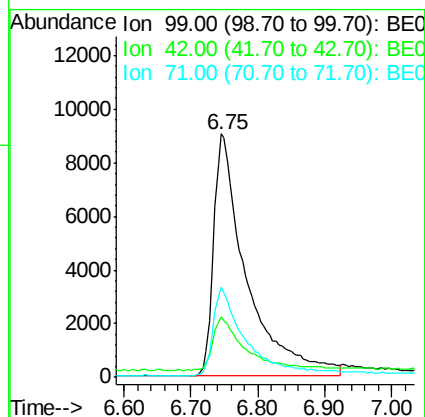
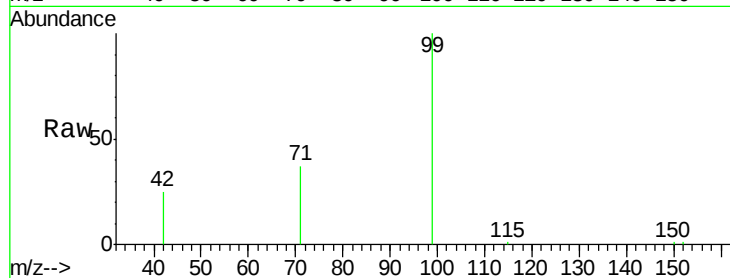
Tgt Ion: 99 Resp: 30983

Ion Ratio Lower Upper

99 100

42 22.1 16.8 25.2

71 34.9 28.3 42.5



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 1367

Delta R.T. 0.00 min

Lab File: BE090776.D

Acq: 11 Sep 2015 00:11

Tgt Ion: 136 Resp: 179234

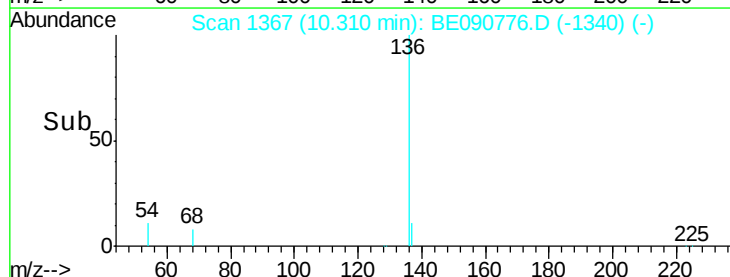
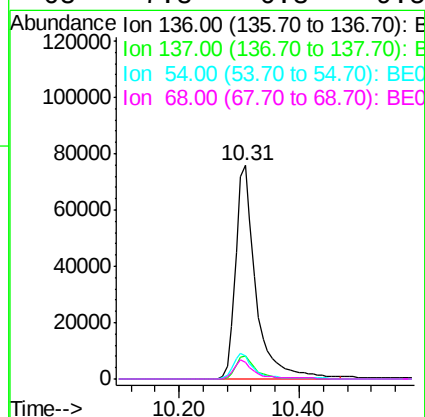
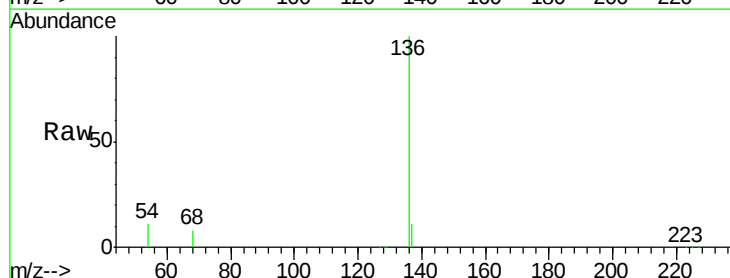
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 10.8 9.0 13.6

68 7.8 6.3 9.5





#7

Nitrobenzene-d5

Concen: 4.06 ng

RT: 8.70 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BE090776.D

Acq: 11 Sep 2015 00:11

Instrument :

BNA\_E

ClientSampleId :

090415-D534-F-D-M

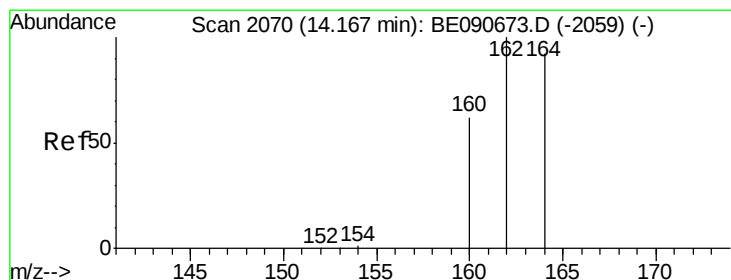
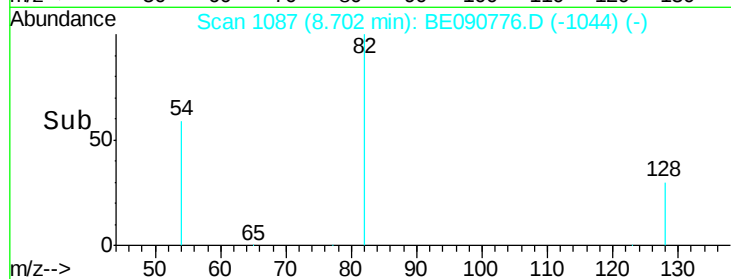
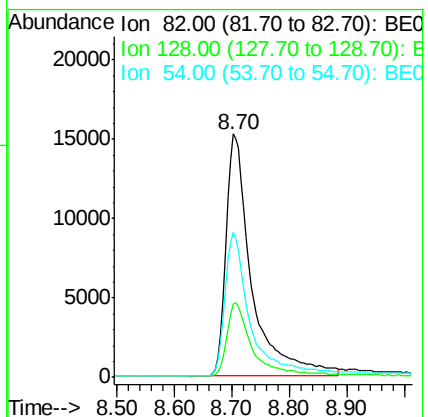
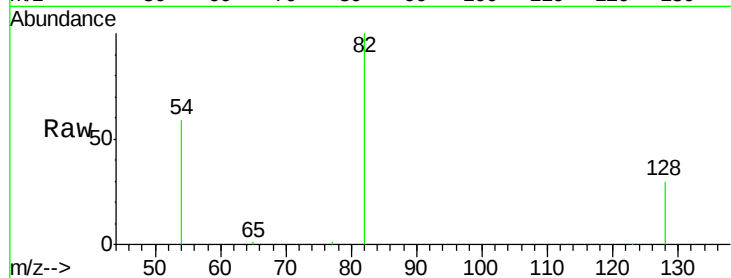
Tgt Ion: 82 Resp: 48072

Ion Ratio Lower Upper

82 100

128 30.0 25.0 37.4

54 59.3 46.3 69.5



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 2071

Delta R.T. 0.00 min

Lab File: BE090776.D

Acq: 11 Sep 2015 00:11

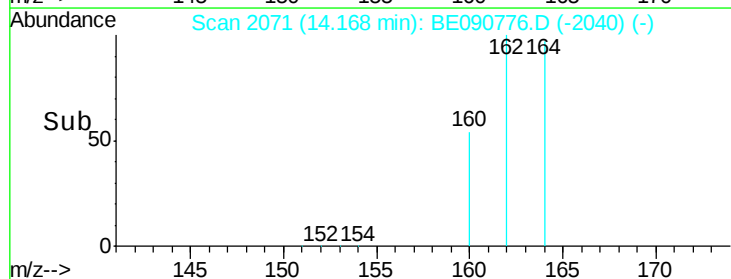
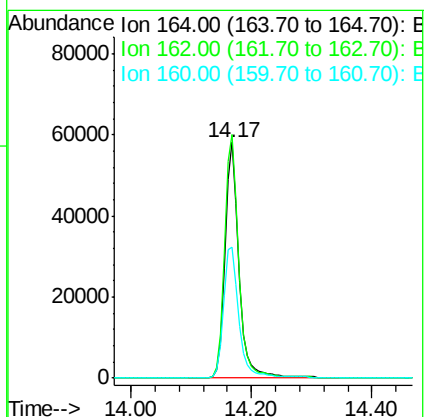
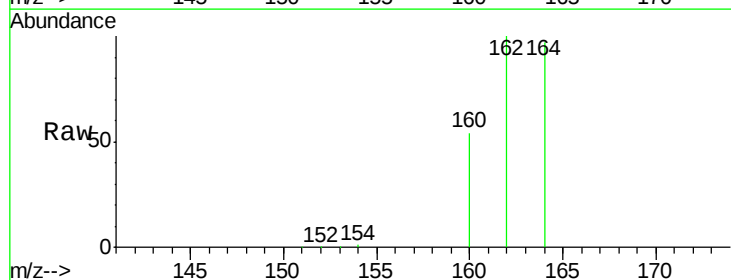
Tgt Ion: 164 Resp: 94843

Ion Ratio Lower Upper

164 100

162 103.3 86.8 130.2

160 55.8 53.9 80.9

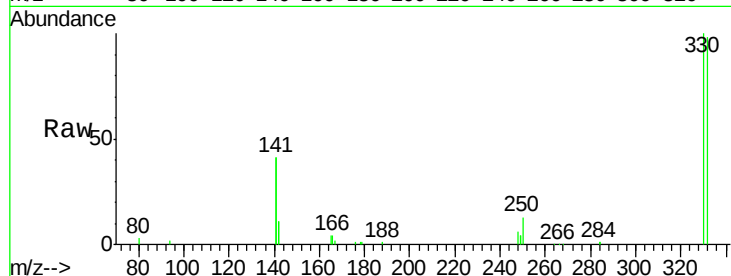




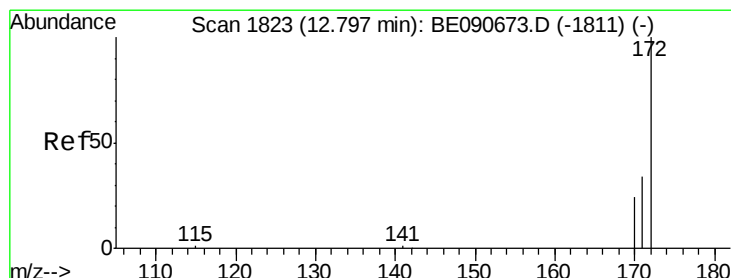
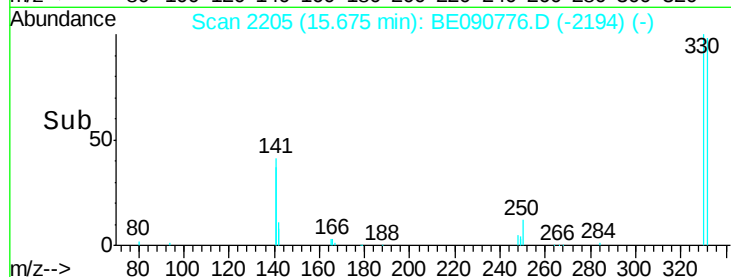
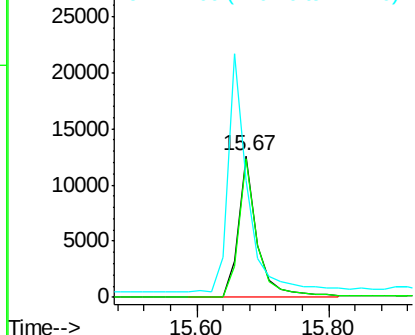
#13  
 2,4,6-Tribromophenol  
 Concen: 8.87 ng  
 RT: 15.67 min Scan# 2205  
 Delta R.T. -0.00 min  
 Lab File: BE090776.D  
 Acq: 11 Sep 2015 00:11

Instrument :  
 BNA\_E  
 ClientSampleId :  
 090415-D534-F-D-M

Tgt Ion: 330 Resp: 24756  
 Ion Ratio Lower Upper  
 330 100  
 332 96.9 74.9 112.3  
 141 177.2 145.2 217.8

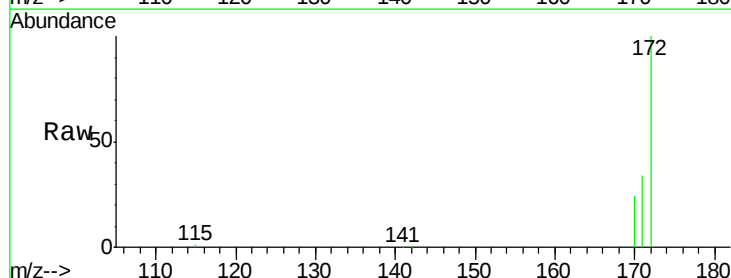


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

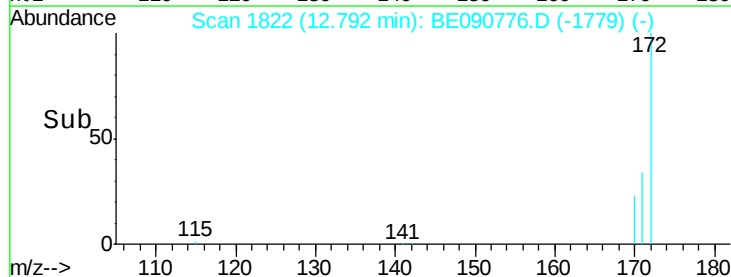
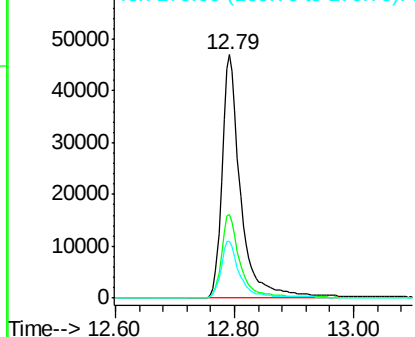


#14  
 2-Fluorobiphenyl  
 Concen: 3.90 ng  
 RT: 12.79 min Scan# 1822  
 Delta R.T. -0.01 min  
 Lab File: BE090776.D  
 Acq: 11 Sep 2015 00:11

Tgt Ion: 172 Resp: 102452  
 Ion Ratio Lower Upper  
 172 100  
 171 34.5 27.8 41.8  
 170 23.6 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

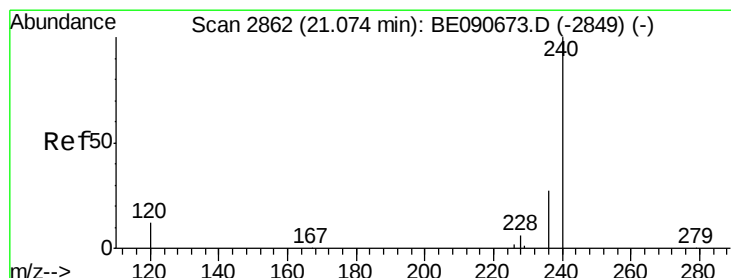
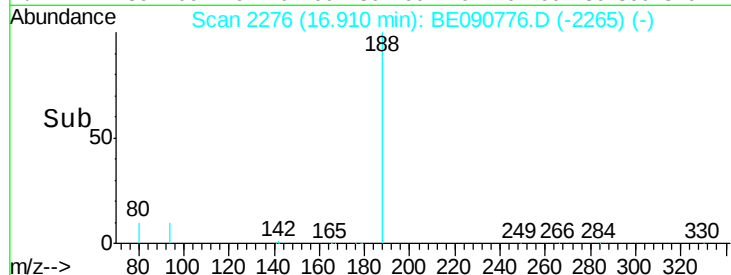
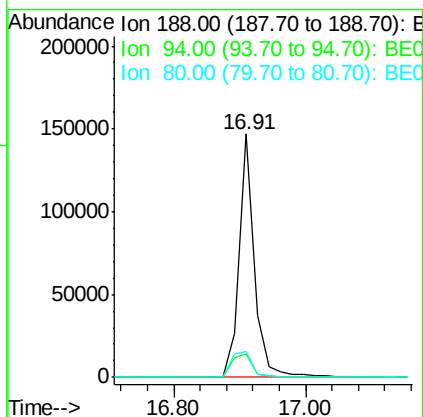
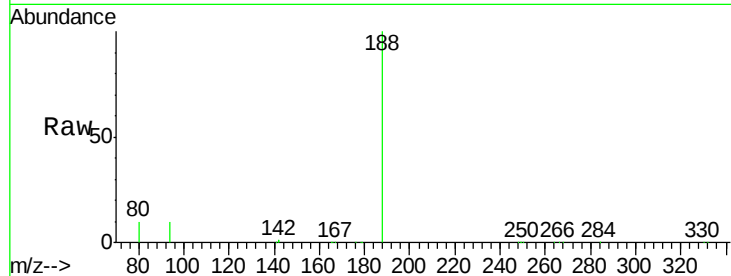




#18  
 Phenanthrene-d10  
 Concen: 5.00 ng  
 RT: 16.91 min Scan# 2276  
 Delta R.T. -0.00 min  
 Lab File: BE090776.D  
 Acq: 11 Sep 2015 00:11

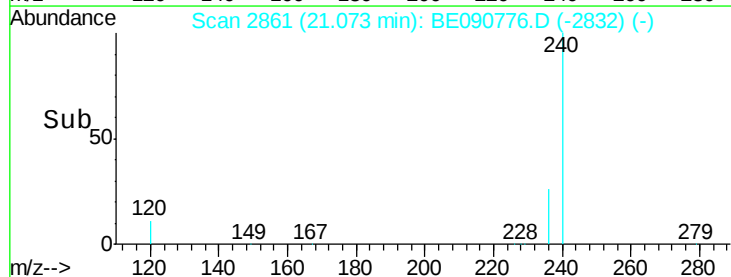
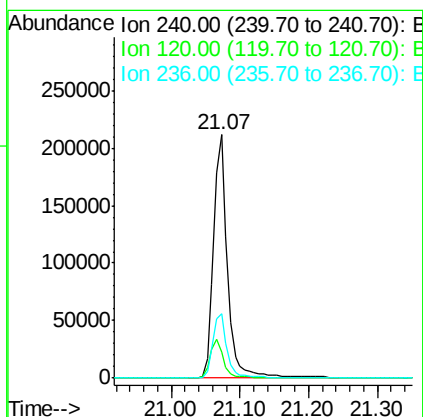
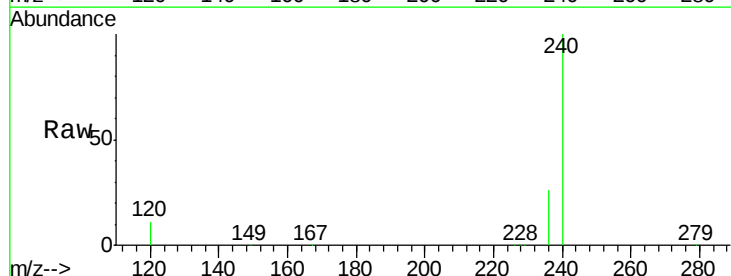
Instrument :  
 BNA\_E  
 ClientSampleId :  
 090415-D534-F-D-M

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 9.7   | 10.3  | 15.5# |
| 80      | 10.5  | 11.0  | 16.6# |



#25  
 Chrysene-d12  
 Concen: 5.00 ng  
 RT: 21.07 min Scan# 2861  
 Delta R.T. -0.00 min  
 Lab File: BE090776.D  
 Acq: 11 Sep 2015 00:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 10.8  | 10.1  | 15.1  |
| 236     | 26.5  | 21.9  | 32.9  |

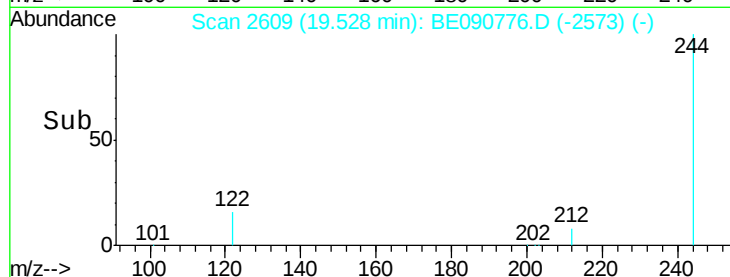
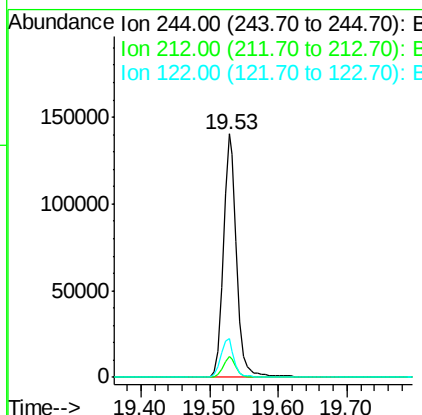
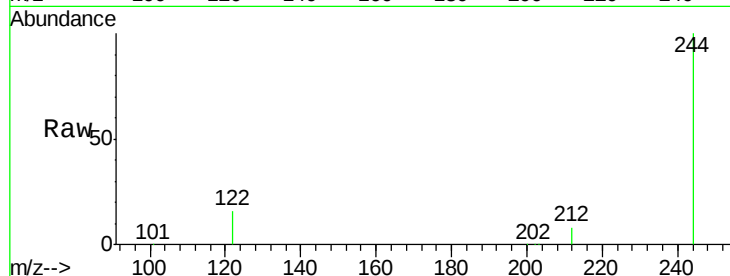




#27  
 Terphenyl-d14  
 Concen: 5.70 ng  
 RT: 19.53 min Scan# 2609  
 Delta R.T. -0.01 min  
 Lab File: BE090776.D  
 Acq: 11 Sep 2015 00:11

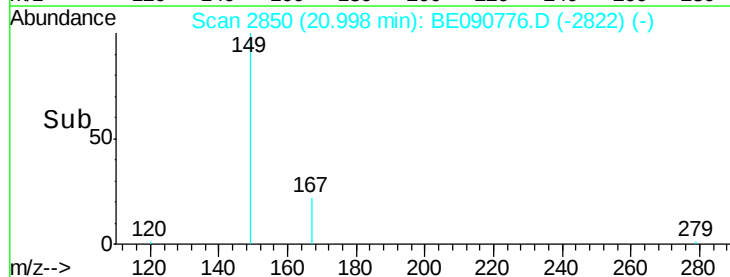
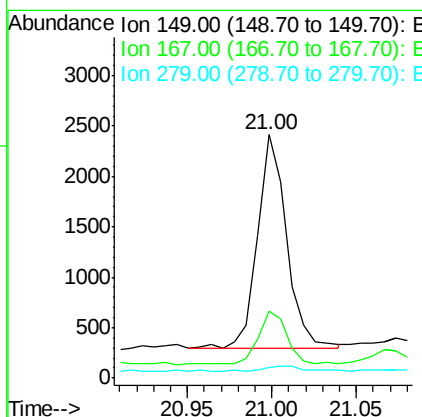
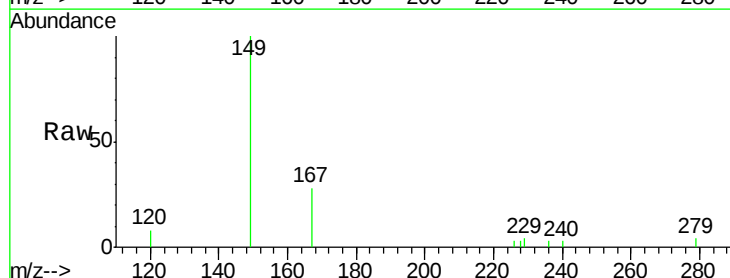
Instrument :  
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 ClientSampleId :  
 090415-D534-F-D-M

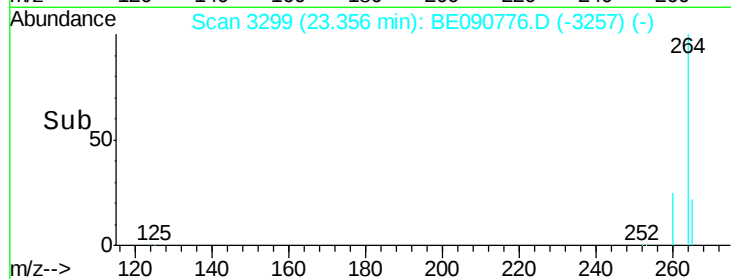
Tgt Ion:244 Resp: 189084  
 Ion Ratio Lower Upper  
 244 100  
 212 8.4 6.9 10.3  
 122 15.9 12.9 19.3



#30  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.21 ng  
 RT: 21.00 min Scan# 2850  
 Delta R.T. -0.01 min  
 Lab File: BE090776.D  
 Acq: 11 Sep 2015 00:11

Tgt Ion:149 Resp: 2536  
 Ion Ratio Lower Upper  
 149 100  
 167 23.7 20.1 30.1  
 279 3.0 2.3 3.5





#32

Perylene-d12

Concen: 5.00 ng

RT: 23.36 min Scan# 3299

Delta R.T. -0.01 min

Lab File: BE090776.D

Acq: 11 Sep 2015 00:11

Instrument :

BNA\_E

ClientSampleId :

090415-D534-F-D-M

Tgt Ion: 264 Resp: 278565

Ion Ratio Lower Upper

264 100

260 25.2 19.7 29.5

265 22.0 17.5 26.3

