

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE090115\  
 Data File : BE090698.D  
 Acq On : 2 Sep 2015 10:26  
 Operator : UM/IZ  
 Sample : G3495-03  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 082815-D534-F-D-B

Quant Time: Sep 02 12:45:49 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

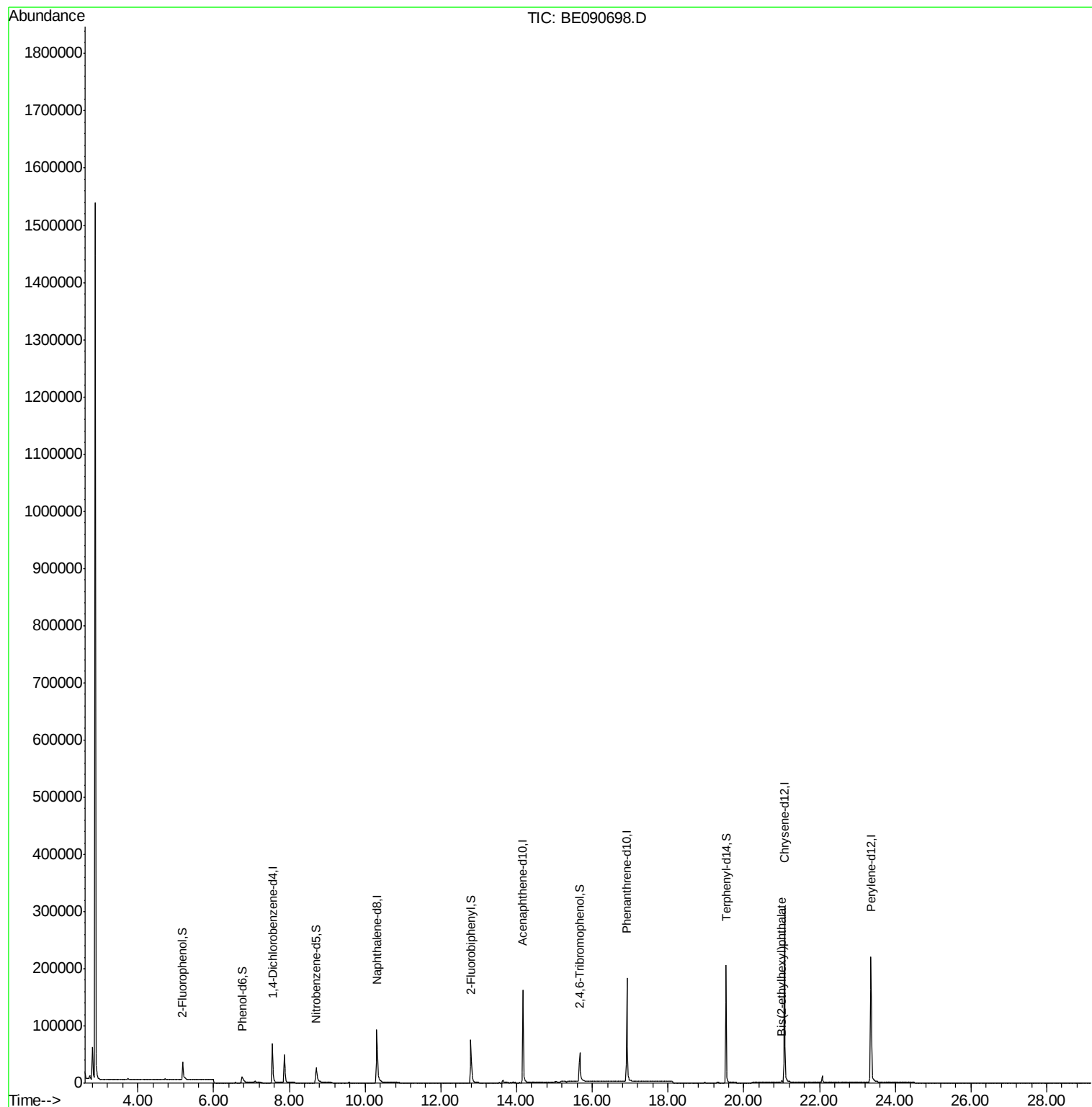
| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min)     |
|--------------------------------|-------|------|----------|------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4      | 7.55  | 152  | 39794    | 5.00 | ng    | 0.00         |
| 6) Naphthalene-d8              | 10.31 | 136  | 173288   | 5.00 | ng    | 0.00         |
| 12) Acenaphthene-d10           | 14.17 | 164  | 107960   | 5.00 | ng    | 0.00         |
| 18) Phenanthrene-d10           | 16.91 | 188  | 238603   | 5.00 | ng    | 0.00         |
| 25) Chrysene-d12               | 21.07 | 240  | 310539   | 5.00 | ng    | 0.00         |
| 32) Perylene-d12               | 23.36 | 264  | 301478   | 5.00 | ng    | 0.00         |
| System Monitoring Compounds    |       |      |          |      |       |              |
| 4) 2-Fluorophenol              | 5.18  | 112  | 30351    | 3.92 | ng    | 0.00         |
| 5) Phenol-d6                   | 6.75  | 99   | 25951    | 2.34 | ng    | 0.00         |
| 7) Nitrobenzene-d5             | 8.71  | 82   | 47430    | 4.14 | ng    | 0.00         |
| 13) 2,4,6-Tribromophenol       | 15.67 | 330  | 27034    | 8.52 | ng    | 0.00         |
| 14) 2-Fluorobiphenyl           | 12.79 | 172  | 105594   | 3.53 | ng    | 0.00         |
| 27) Terphenyl-d14              | 19.53 | 244  | 224125   | 6.52 | ng    | 0.00         |
| Target Compounds               |       |      |          |      |       |              |
| 30) Bis(2-ethylhexyl)phthalate | 21.00 | 149  | 3870     | 0.28 | ng    | Qvalue<br>97 |

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

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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# 838

Delta R.T. -0.00 min

Lab File: BE090698.D

Acq: 2 Sep 2015 10:26

Instrument :

BNA\_E

ClientSampleId :

082815-D534-F-D-B

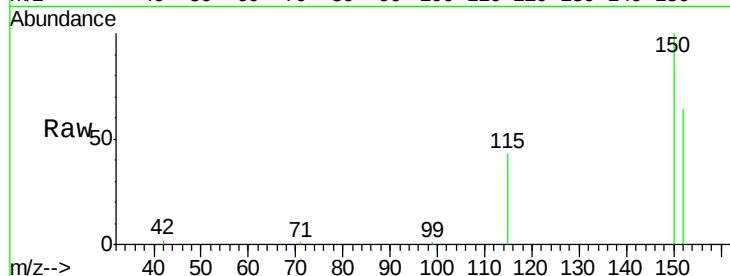
Tgt Ion:152 Resp: 39794

Ion Ratio Lower Upper

152 100

150 157.3 122.2 183.4

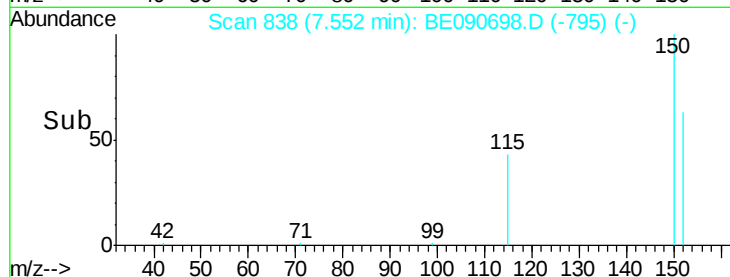
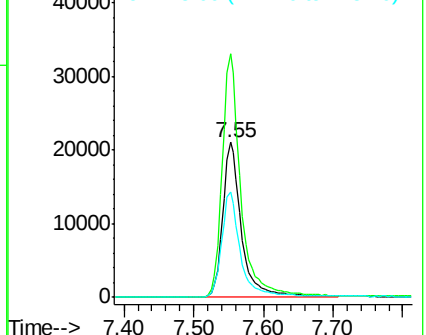
115 68.0 51.0 76.4



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: 3.92 ng

RT: 5.18 min Scan# 381

Delta R.T. -0.01 min

Lab File: BE090698.D

Acq: 2 Sep 2015 10:26

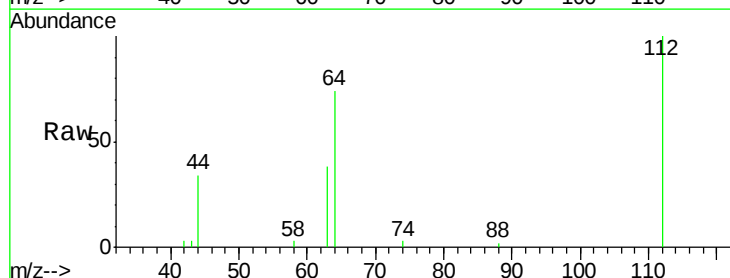
Tgt Ion:112 Resp: 30351

Ion Ratio Lower Upper

112 100

64 71.2 57.3 85.9

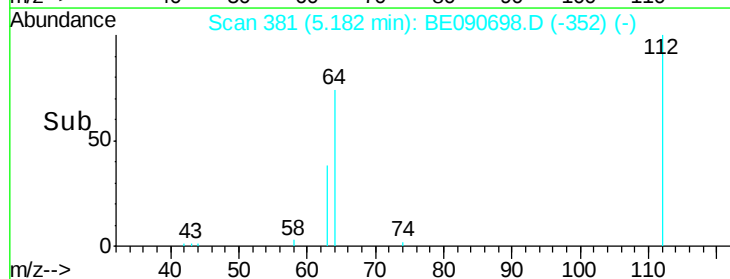
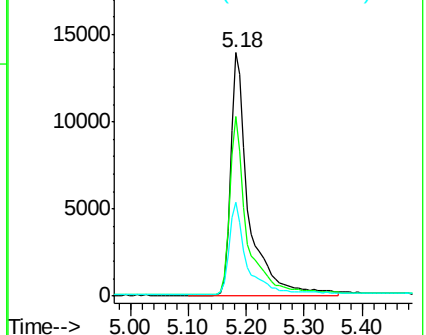
63 37.5 29.2 43.8

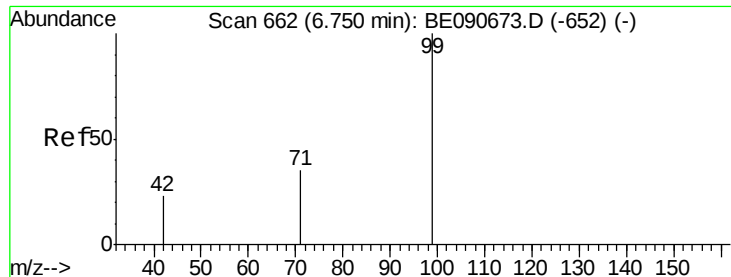


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 2.34 ng

RT: 6.75 min Scan# 662

Delta R.T. 0.00 min

Lab File: BE090698.D

Acq: 2 Sep 2015 10:26

Instrument :

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ClientSampleId :

082815-D534-F-D-B

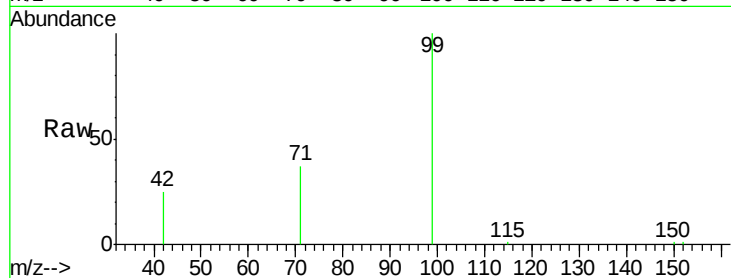
Tgt Ion: 99 Resp: 25951

Ion Ratio Lower Upper

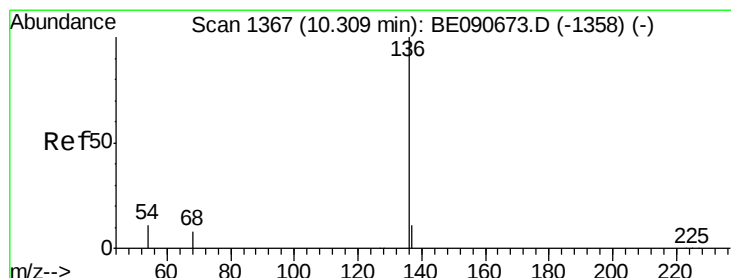
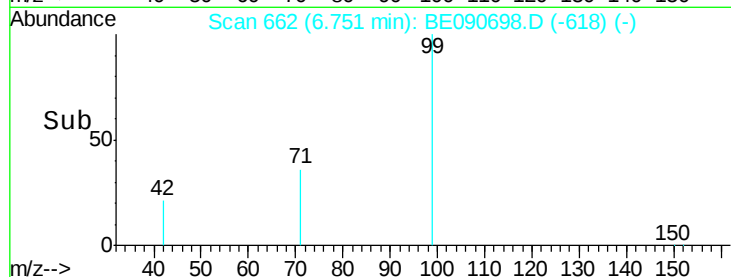
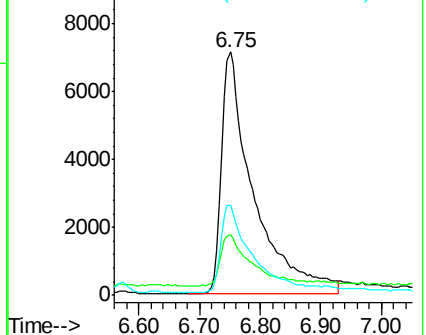
99 100

42 21.5 16.8 25.2

71 35.1 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: BE090698.D

Acq: 2 Sep 2015 10:26

Tgt Ion: 136 Resp: 173288

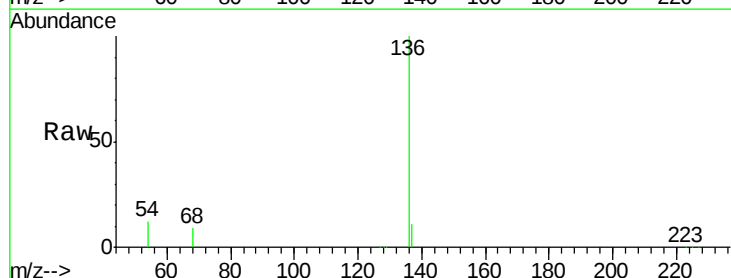
Ion Ratio Lower Upper

136 100

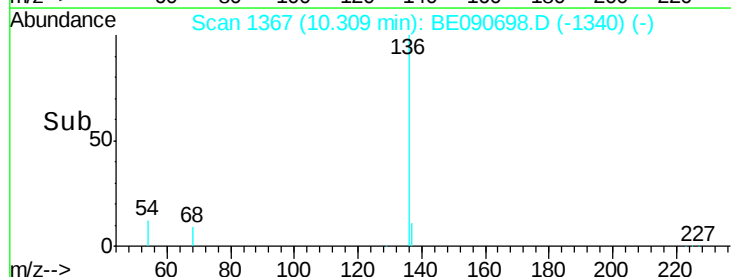
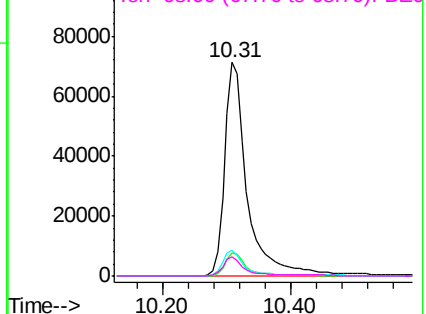
137 11.0 8.7 13.1

54 12.1 9.0 13.6

68 8.8 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: 4.14 ng

RT: 8.71 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BE090698.D

Acq: 2 Sep 2015 10:26

Instrument :

BNA\_E

ClientSampleId :

082815-D534-F-D-B

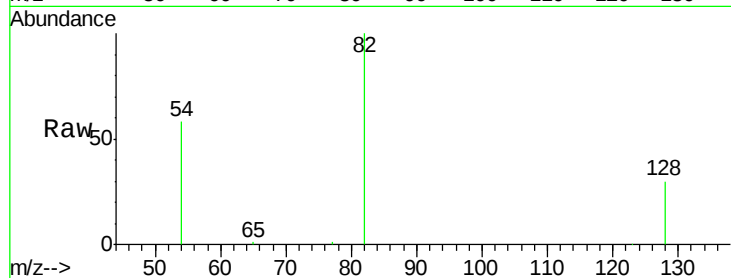
Tgt Ion: 82 Resp: 47430

Ion Ratio Lower Upper

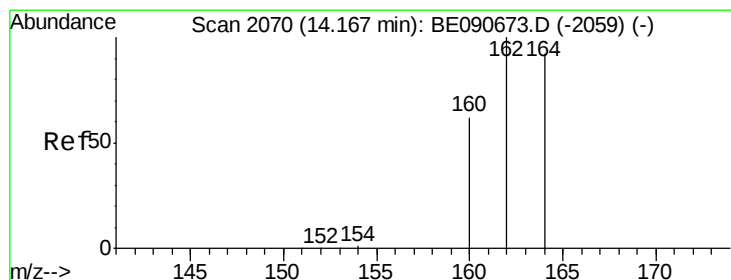
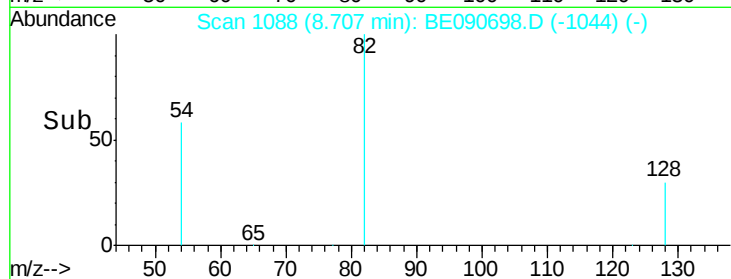
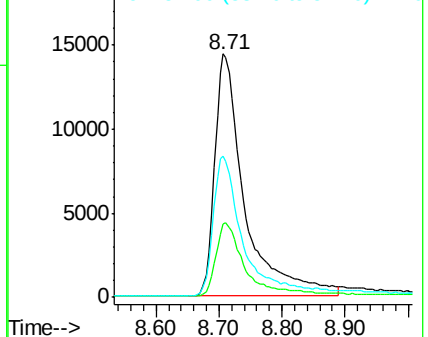
82 100

128 30.1 25.0 37.4

54 57.8 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# 2071

Delta R.T. 0.00 min

Lab File: BE090698.D

Acq: 2 Sep 2015 10:26

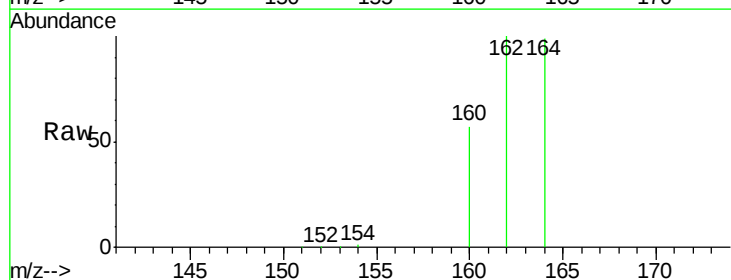
Tgt Ion: 164 Resp: 107960

Ion Ratio Lower Upper

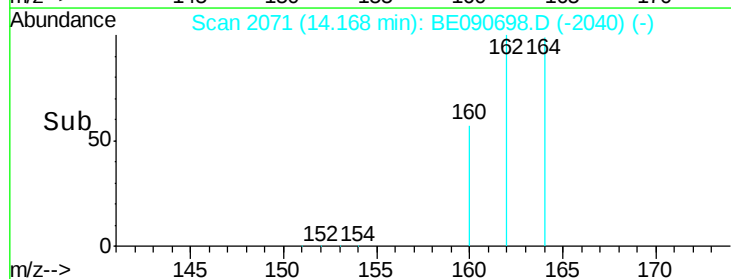
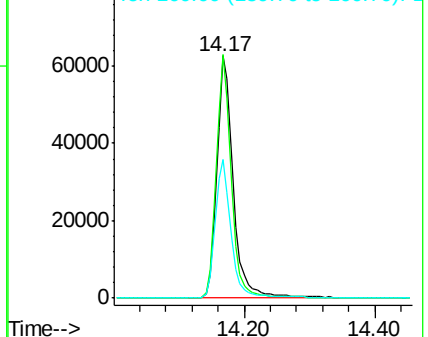
164 100

162 100.7 86.8 130.2

160 57.3 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

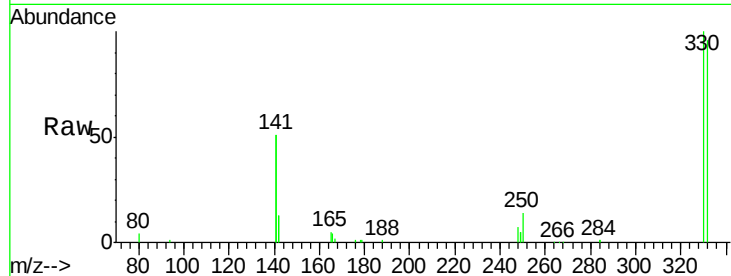




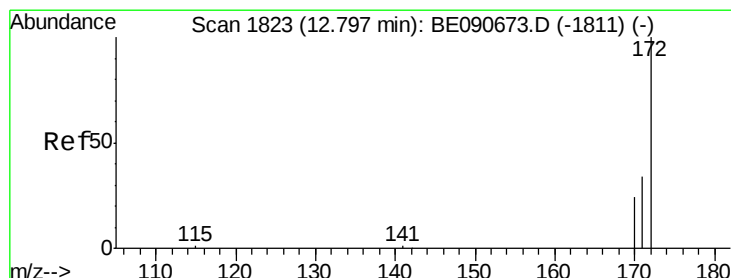
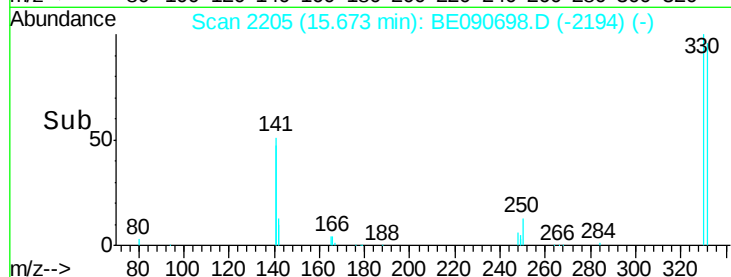
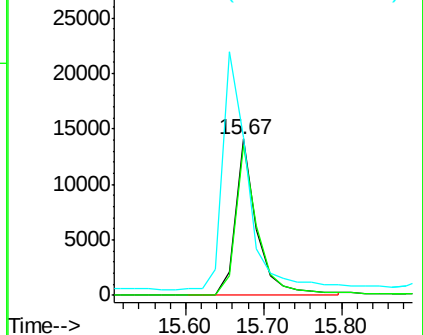
#13  
 2,4,6-Tribromophenol  
 Concen: 8.52 ng  
 RT: 15.67 min Scan# 2205  
 Delta R.T. -0.00 min  
 Lab File: BE090698.D  
 Acq: 2 Sep 2015 10:26

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Tgt Ion: 330 Resp: 27034  
 Ion Ratio Lower Upper  
 330 100  
 332 98.2 74.9 112.3  
 141 176.9 145.2 217.8

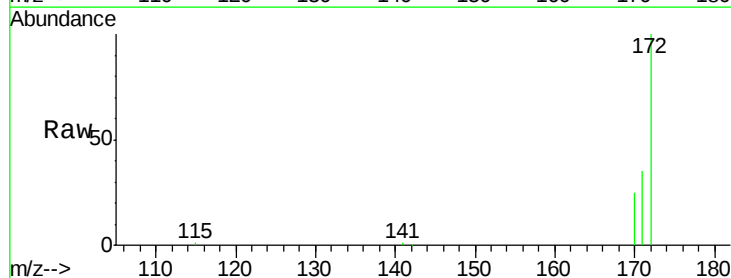


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

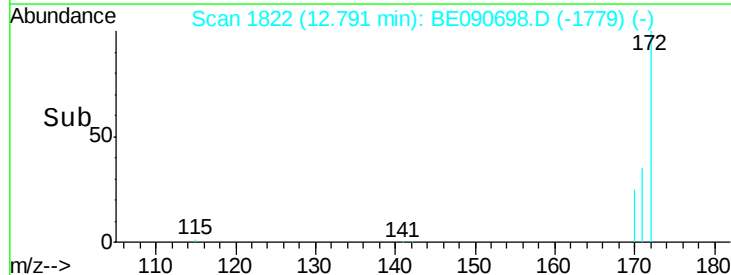
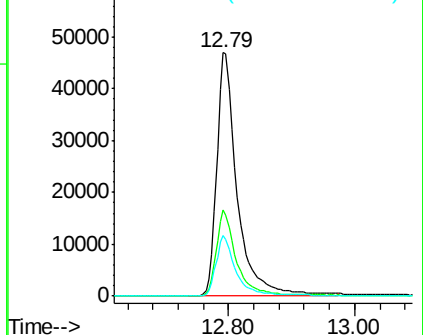


#14  
 2-Fluorobiphenyl  
 Concen: 3.53 ng  
 RT: 12.79 min Scan# 1822  
 Delta R.T. -0.01 min  
 Lab File: BE090698.D  
 Acq: 2 Sep 2015 10:26

Tgt Ion: 172 Resp: 105594  
 Ion Ratio Lower Upper  
 172 100  
 171 35.3 27.8 41.8  
 170 25.0 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

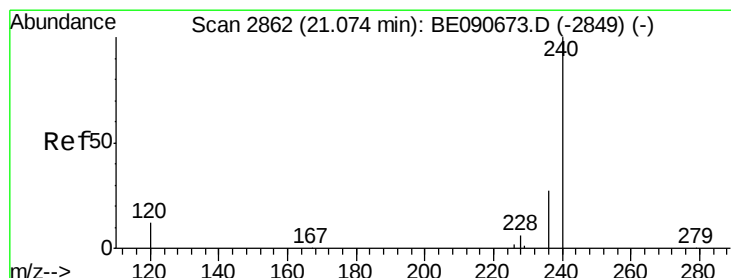
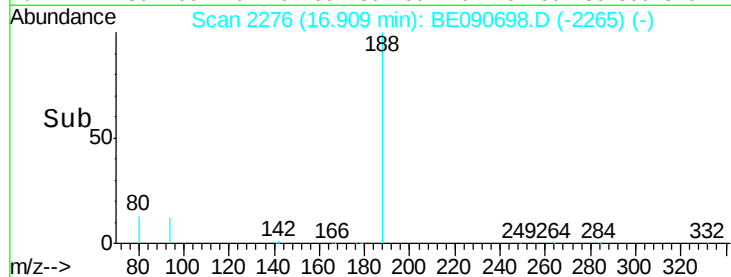
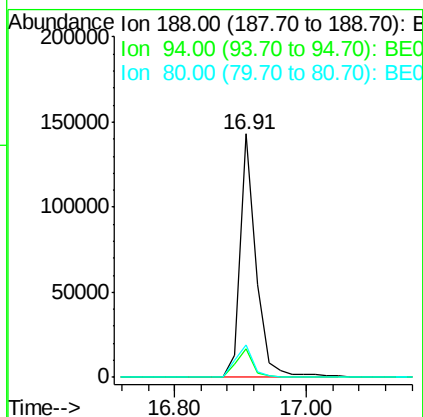
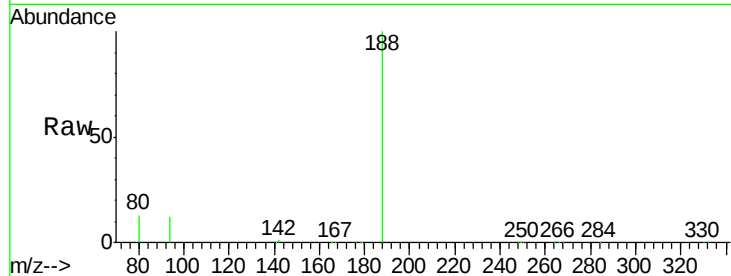




#18  
Phenanthrene-d10  
Concen: 5.00 ng  
RT: 16.91 min Scan# 2276  
Delta R.T. -0.00 min  
Lab File: BE090698.D  
Acq: 2 Sep 2015 10:26

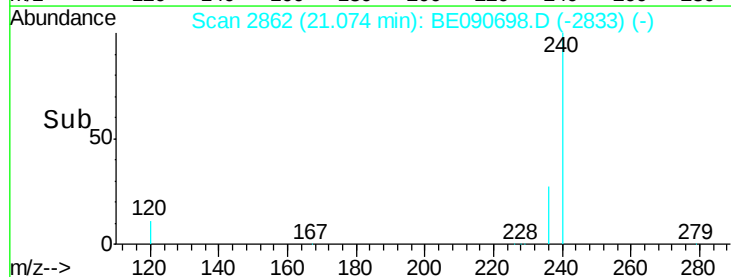
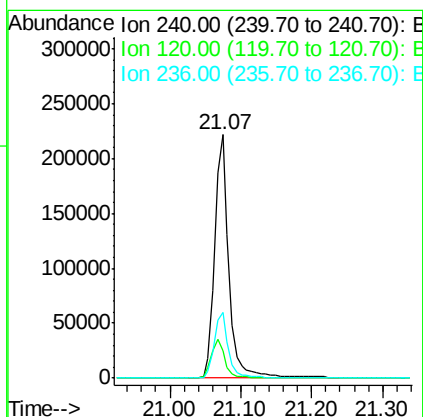
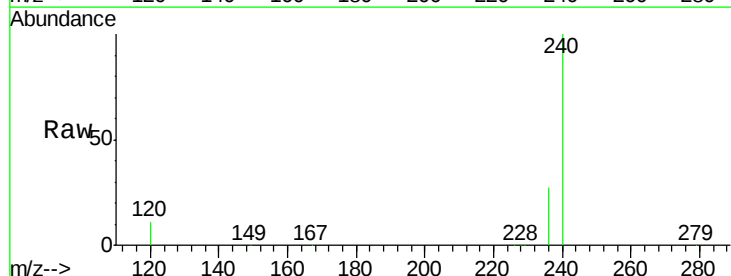
Instrument :  
BNA\_E  
ClientSampleId :  
082815-D534-F-D-B

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 11.9  | 10.3  | 15.5  |
| 80      | 13.1  | 11.0  | 16.6  |



#25  
Chrysene-d12  
Concen: 5.00 ng  
RT: 21.07 min Scan# 2862  
Delta R.T. 0.00 min  
Lab File: BE090698.D  
Acq: 2 Sep 2015 10:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 11.0  | 10.1  | 15.1  |
| 236     | 26.9  | 21.9  | 32.9  |

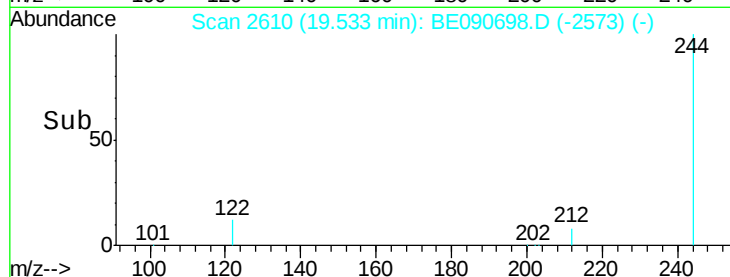
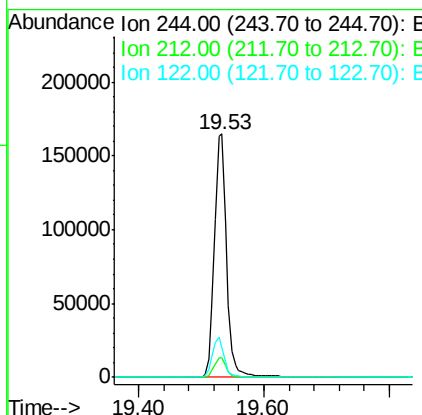
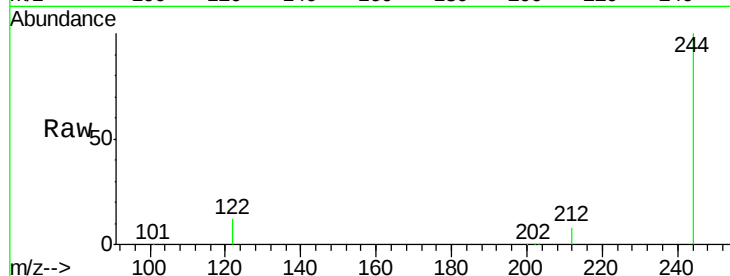




#27  
 Terphenyl-d14  
 Concen: 6.52 ng  
 RT: 19.53 min Scan# 2610  
 Delta R.T. -0.01 min  
 Lab File: BE090698.D  
 Acq: 2 Sep 2015 10:26

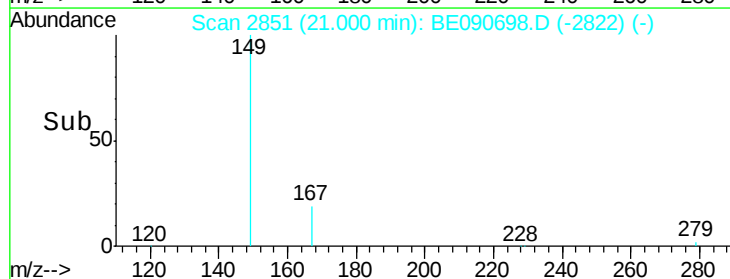
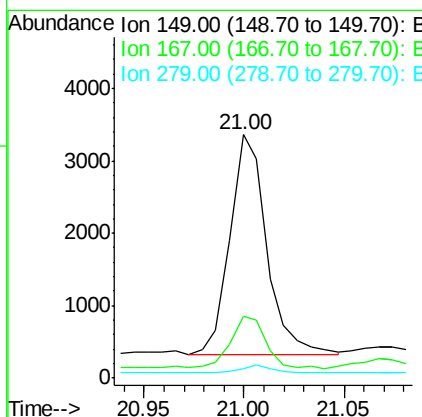
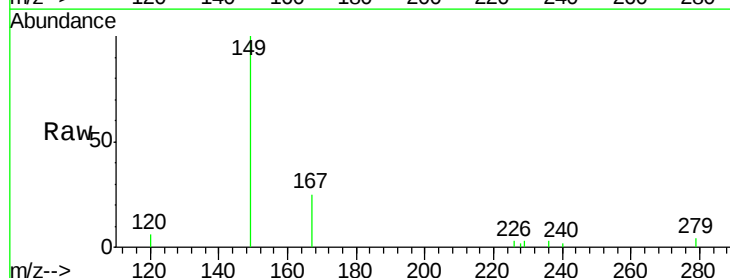
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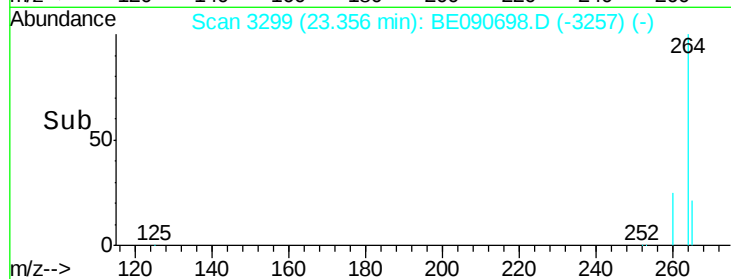
Tgt Ion: 244 Resp: 224125  
 Ion Ratio Lower Upper  
 244 100  
 212 7.8 6.9 10.3  
 122 12.1 12.9 19.3#



#30  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.28 ng  
 RT: 21.00 min Scan# 2851  
 Delta R.T. -0.01 min  
 Lab File: BE090698.D  
 Acq: 2 Sep 2015 10:26

Tgt Ion: 149 Resp: 3870  
 Ion Ratio Lower Upper  
 149 100  
 167 23.2 20.1 30.1  
 279 2.9 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: BE090698.D

Acq: 2 Sep 2015 10:26

Instrument :

BNA\_E

ClientSampleId :

082815-D534-F-D-B

Tgt Ion: 264 Resp: 301478

Ion Ratio Lower Upper

264 100

260 25.0 19.7 29.5

265 21.6 17.5 26.3

