

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE092415\  
 Data File : BE090966.D  
 Acq On : 24 Sep 2015 5:18  
 Operator : UM/IZ  
 Sample : G3651-05RE  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 CPS033031RE

Quant Time: Sep 24 08:34:21 2015  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE091815.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 18 18:17:34 2015  
 Response via : Initial Calibration

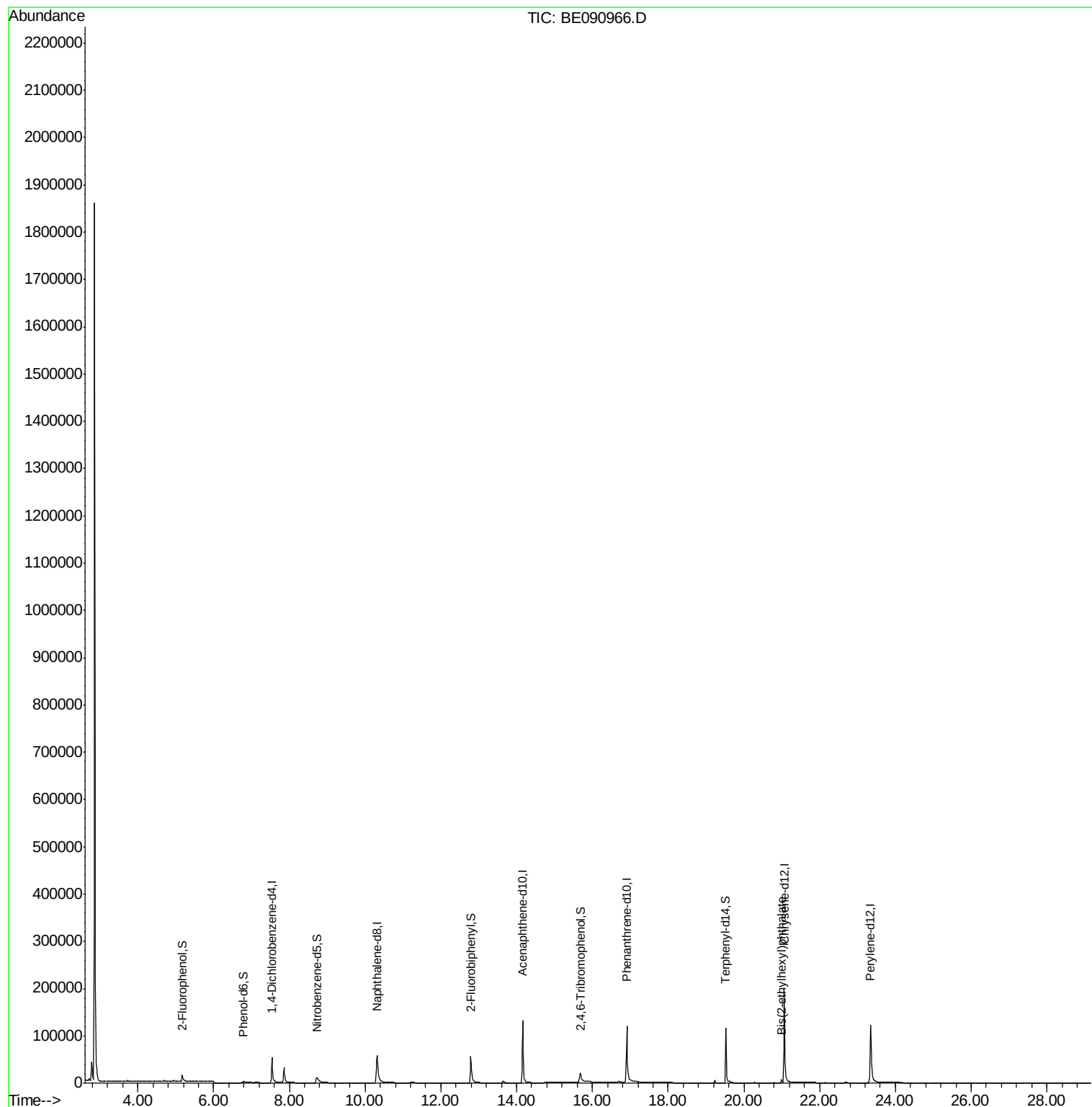
| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min)       |
|--------------------------------|-------|------|----------|------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4      | 7.54  | 152  | 37311    | 5.00 | ng    | 0.00           |
| 7) Naphthalene-d8              | 10.32 | 136  | 159188   | 5.00 | ng    | 0.02           |
| 13) Acenaphthene-d10           | 14.16 | 164  | 95239    | 5.00 | ng    | 0.00           |
| 19) Phenanthrene-d10           | 16.91 | 188  | 204275   | 5.00 | ng    | 0.00           |
| 26) Chrysene-d12               | 21.07 | 240  | 250789   | 5.00 | ng    | 0.00           |
| 33) Perylene-d12               | 23.35 | 264  | 224324   | 5.00 | ng    | 0.00           |
| System Monitoring Compounds    |       |      |          |      |       |                |
| 4) 2-Fluorophenol              | 5.17  | 112  | 15474    | 1.82 | ng    | -0.01          |
| 5) Phenol-d6                   | 6.80  | 99   | 12143m   | 1.04 | ng    | 0.05           |
| 8) Nitrobenzene-d5             | 8.72  | 82   | 33143    | 3.02 | ng    | 0.01           |
| 14) 2,4,6-Tribromophenol       | 15.69 | 330  | 14802    | 4.40 | ng    | 0.00           |
| 15) 2-Fluorobiphenyl           | 12.79 | 172  | 93687    | 3.47 | ng    | 0.00           |
| 28) Terphenyl-d14              | 19.52 | 244  | 152969   | 5.40 | ng    | 0.00           |
| Target Compounds               |       |      |          |      |       |                |
| 31) Bis(2-ethylhexyl)phthalate | 20.99 | 149  | 6877     | 0.40 | ng    | Qvalue<br># 99 |

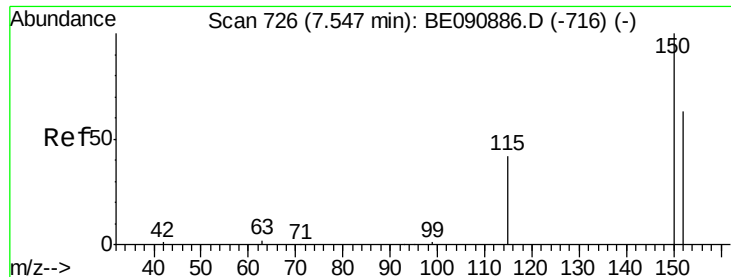
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 18 18:17:34 2015  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.54 min Scan# 725

Delta R.T. -0.01 min

Lab File: BE090966.D

Acq: 24 Sep 2015 5:18

Instrument :

BNA\_E

ClientSampleId :

CPS033031RE

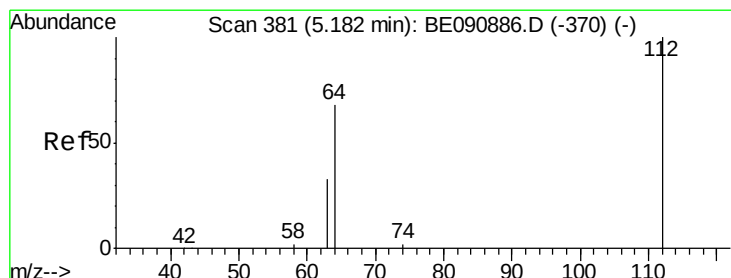
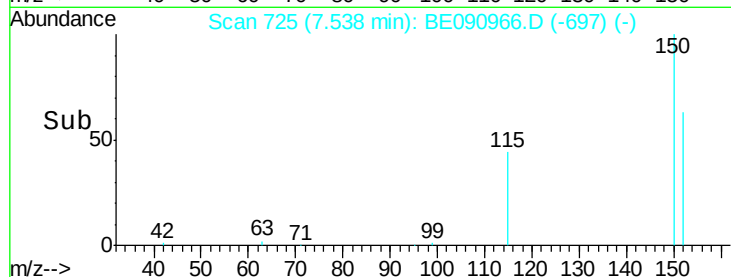
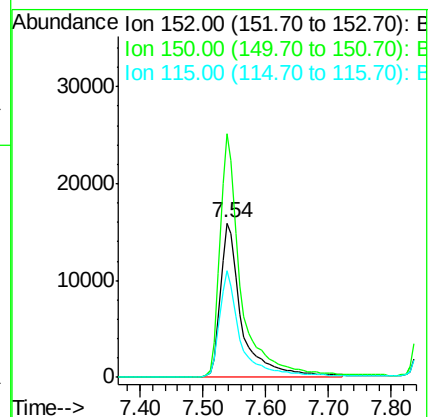
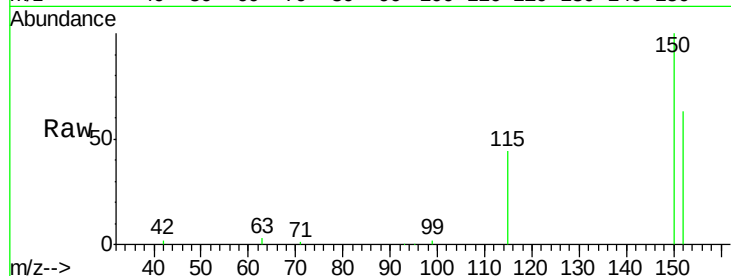
Tgt Ion:152 Resp: 37311

Ion Ratio Lower Upper

152 100

150 158.0 122.2 183.4

115 69.5 51.0 76.4



#4

2-Fluorophenol

Concen: 1.82 ng

RT: 5.17 min Scan# 379

Delta R.T. -0.01 min

Lab File: BE090966.D

Acq: 24 Sep 2015 5:18

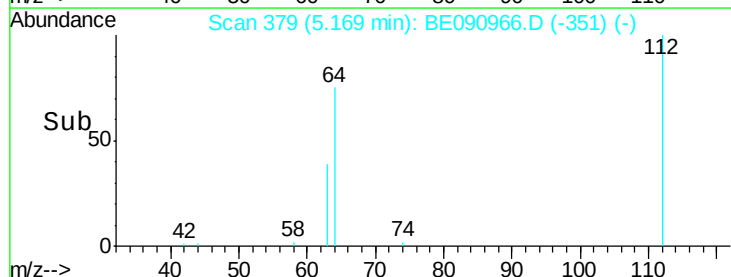
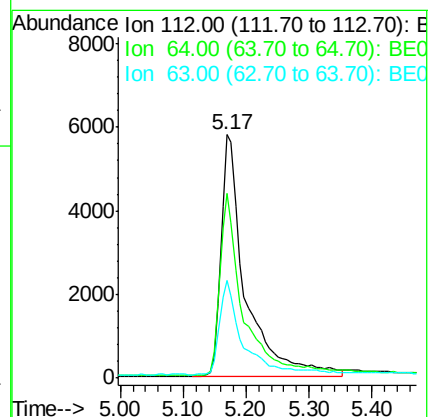
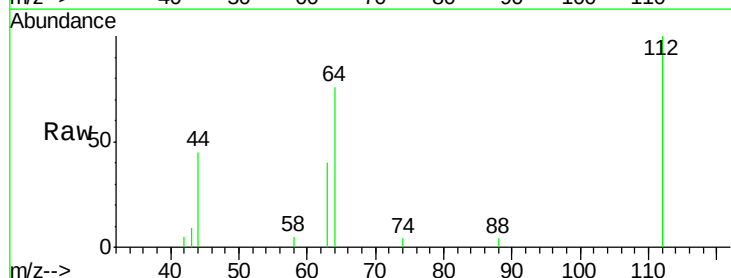
Tgt Ion:112 Resp: 15474

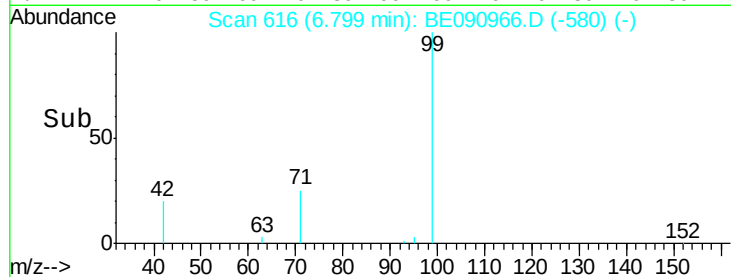
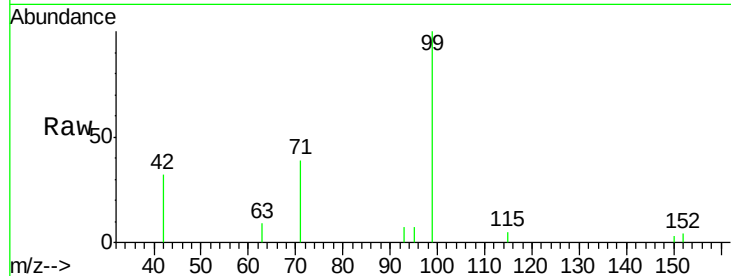
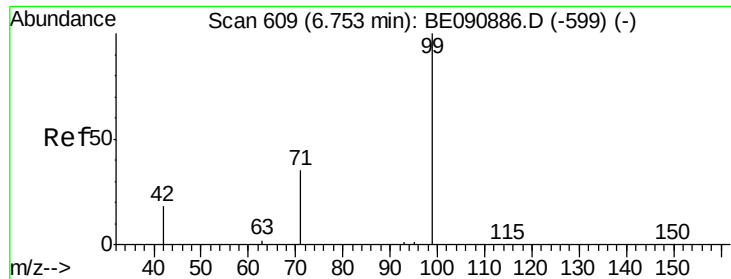
Ion Ratio Lower Upper

112 100

64 71.8 57.3 85.9

63 37.9 29.2 43.8





#5

Phenol-d6

Concen: 1.04 ng m

RT: 6.80 min Scan# 616

Delta R.T. 0.05 min

Lab File: BE090966.D

Acq: 24 Sep 2015 5:18

Instrument :

BNA\_E

ClientSampleId :

CPS033031RE

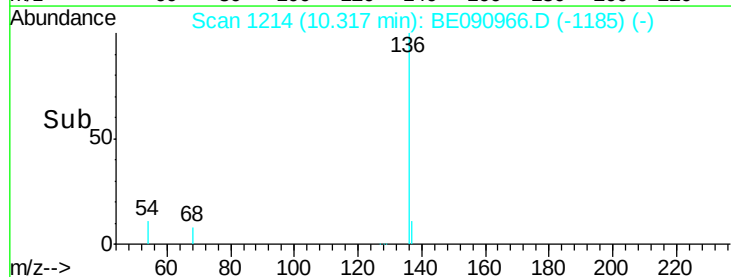
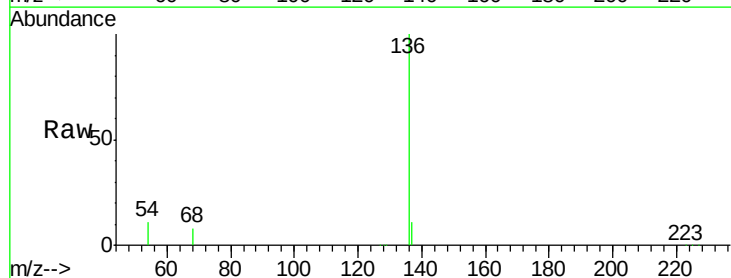
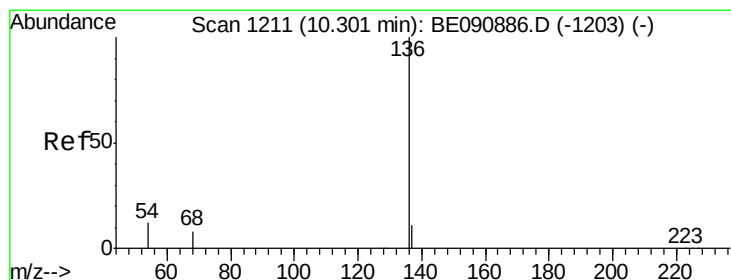
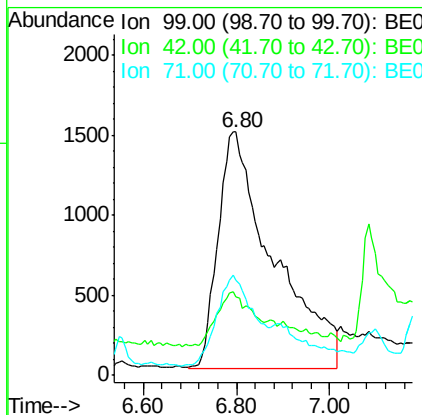
Tgt Ion: 99 Resp: 12143

Ion Ratio Lower Upper

99 100

42 14.5 16.8 25.2#

71 25.2 28.3 42.5#



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.32 min Scan# 1214

Delta R.T. 0.02 min

Lab File: BE090966.D

Acq: 24 Sep 2015 5:18

Tgt Ion: 136 Resp: 159188

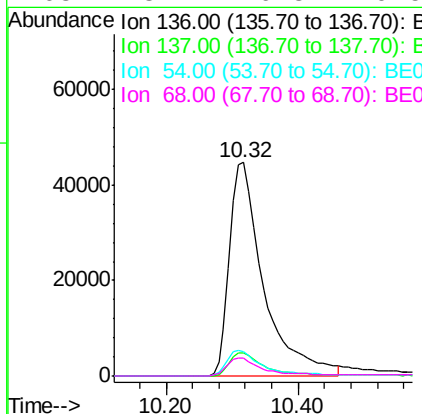
Ion Ratio Lower Upper

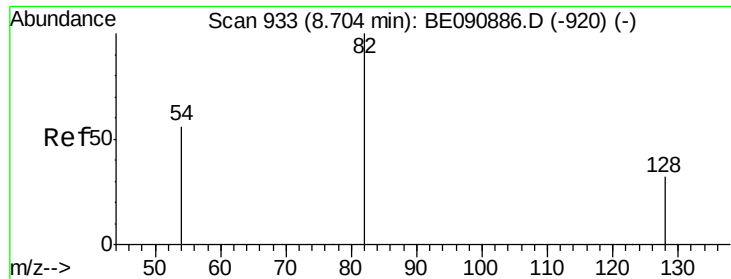
136 100

137 10.9 8.7 13.1

54 11.4 9.0 13.6

68 8.2 6.3 9.5

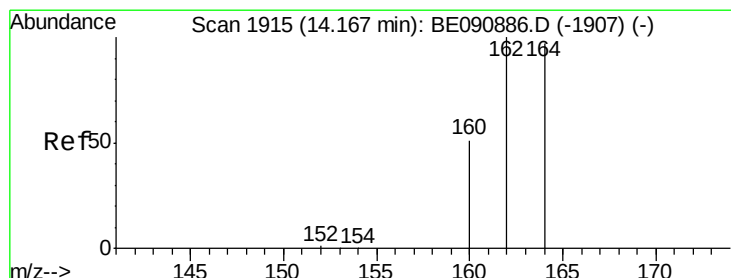
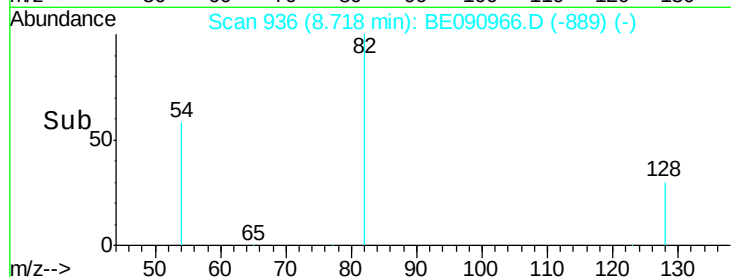
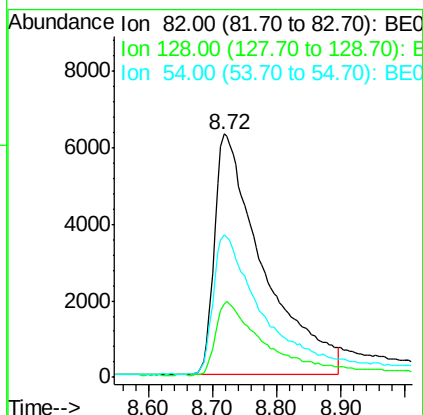
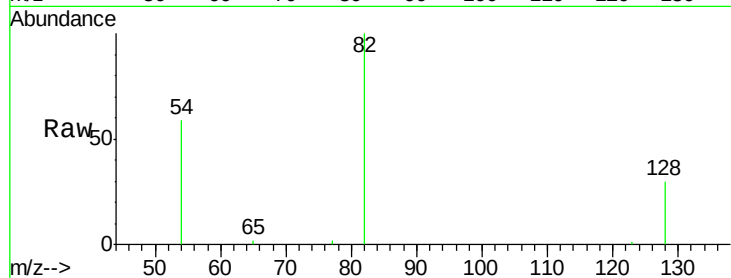




#8  
 Nitrobenzene-d5  
 Concen: 3.02 ng  
 RT: 8.72 min Scan# 936  
 Delta R.T. 0.01 min  
 Lab File: BE090966.D  
 Acq: 24 Sep 2015 5:18

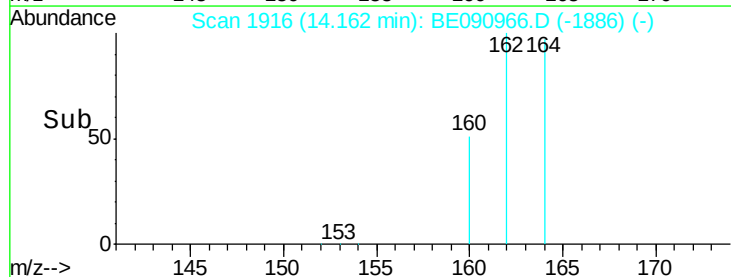
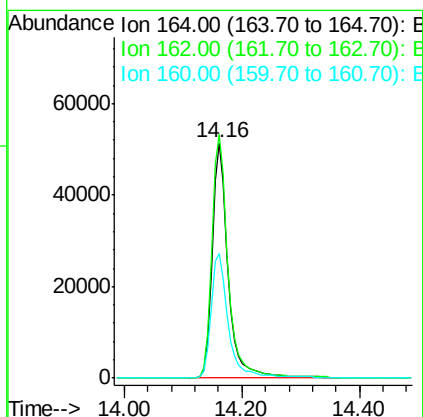
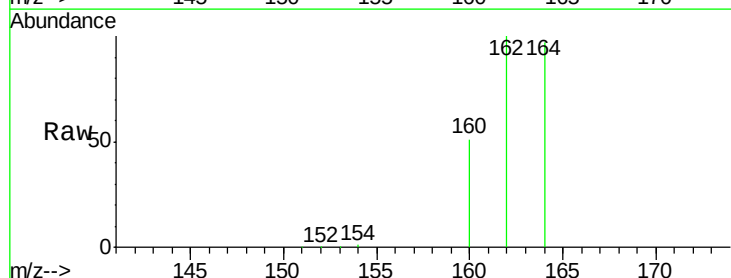
Instrument :  
 BNA\_E  
 ClientSampleId :  
 CPS033031RE

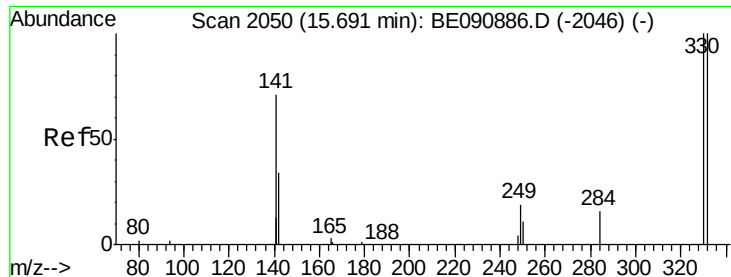
Tgt Ion: 82 Resp: 33143  
 Ion Ratio Lower Upper  
 82 100  
 128 30.2 25.0 37.4  
 54 58.7 46.3 69.5



#13  
 Acenaphthene-d10  
 Concen: 5.00 ng  
 RT: 14.16 min Scan# 1916  
 Delta R.T. -0.01 min  
 Lab File: BE090966.D  
 Acq: 24 Sep 2015 5:18

Tgt Ion: 164 Resp: 95239  
 Ion Ratio Lower Upper  
 164 100  
 162 103.6 86.8 130.2  
 160 53.0 53.9 80.9#

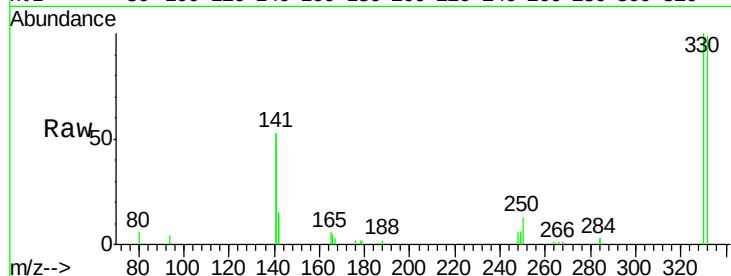




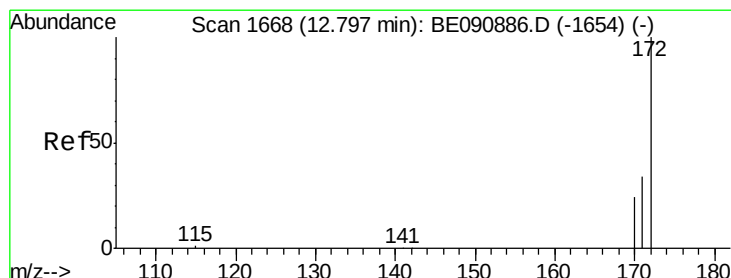
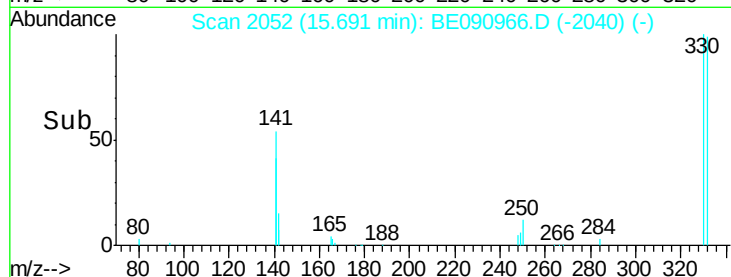
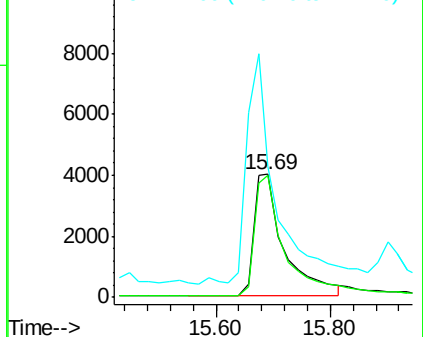
#14  
 2,4,6-Tribromophenol  
 Concen: 4.40 ng  
 RT: 15.69 min Scan# 2052  
 Delta R.T. 0.00 min  
 Lab File: BE090966.D  
 Acq: 24 Sep 2015 5:18

Instrument :  
 BNA\_E  
 ClientSampleId :  
 CPS033031RE

Tgt Ion:330 Resp: 14802  
 Ion Ratio Lower Upper  
 330 100  
 332 96.5 74.9 112.3  
 141 179.7 145.2 217.8

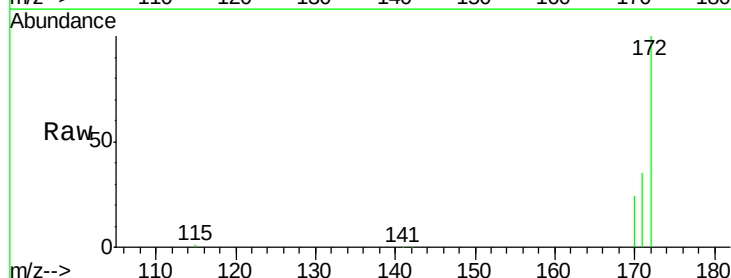


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

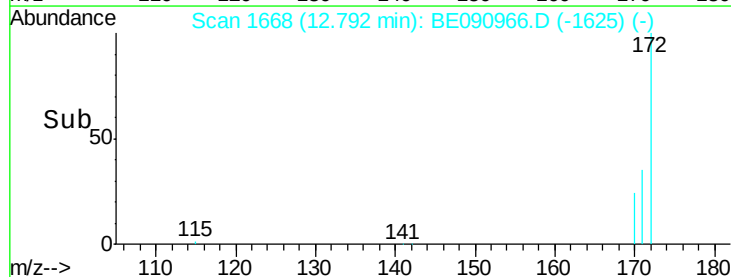
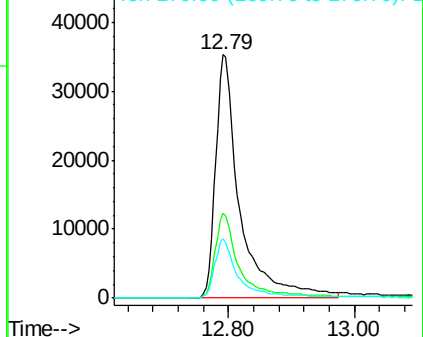


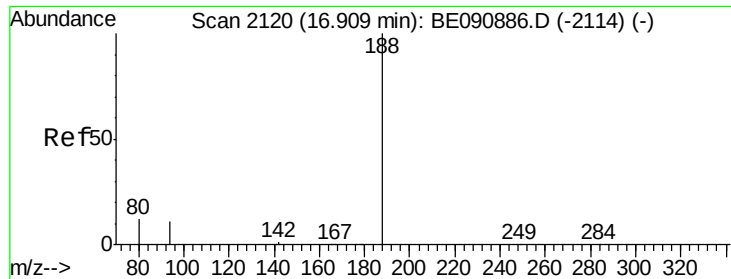
#15  
 2-Fluorobiphenyl  
 Concen: 3.47 ng  
 RT: 12.79 min Scan# 1668  
 Delta R.T. -0.01 min  
 Lab File: BE090966.D  
 Acq: 24 Sep 2015 5:18

Tgt Ion:172 Resp: 93687  
 Ion Ratio Lower Upper  
 172 100  
 171 34.8 27.8 41.8  
 170 24.1 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





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.91 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BE090966.D

Acq: 24 Sep 2015 5:18

Instrument :

BNA\_E

ClientSampleId :

CPS033031RE

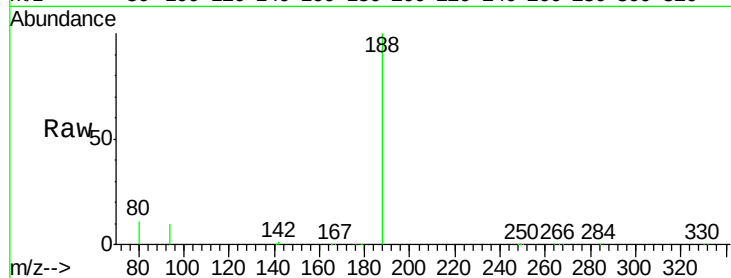
Tgt Ion:188 Resp: 204275

Ion Ratio Lower Upper

188 100

94 10.0 10.3 15.5#

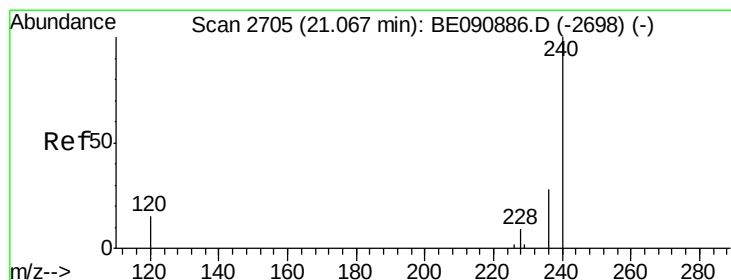
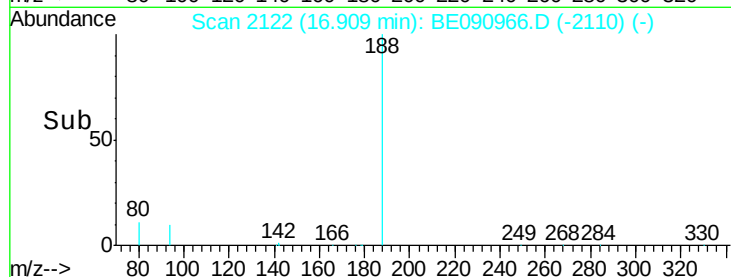
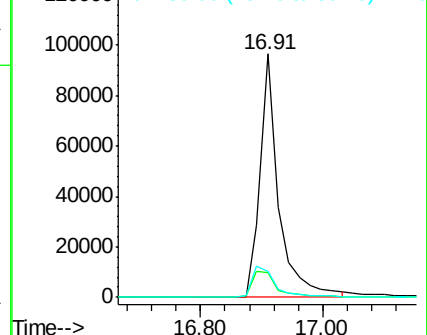
80 10.9 11.0 16.6#



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



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2707

Delta R.T. 0.00 min

Lab File: BE090966.D

Acq: 24 Sep 2015 5:18

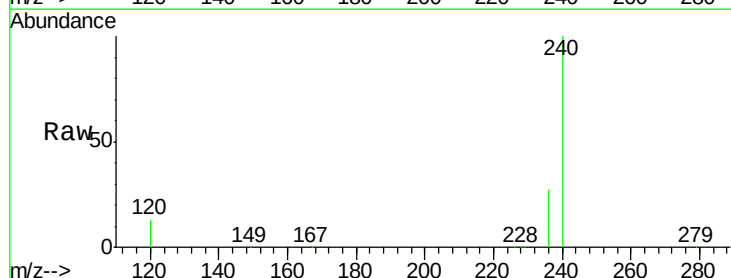
Tgt Ion:240 Resp: 250789

Ion Ratio Lower Upper

240 100

120 13.1 10.1 15.1

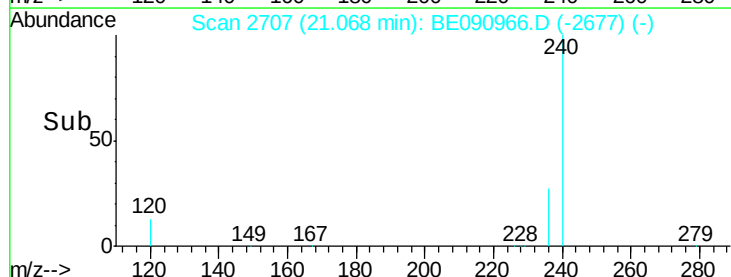
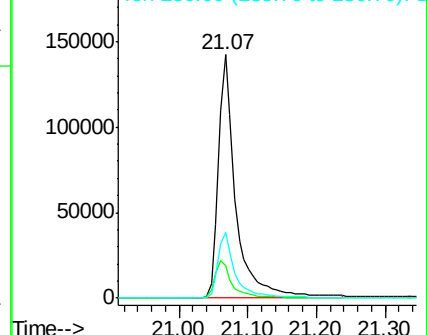
236 27.1 21.9 32.9

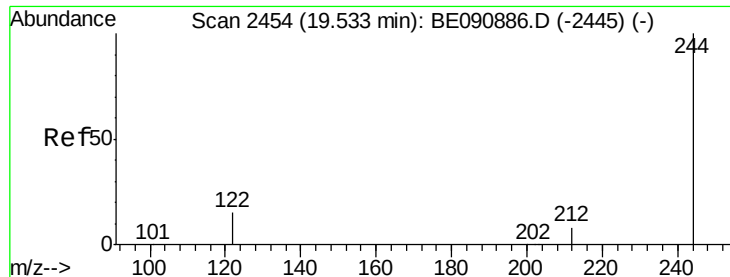


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Terphenyl-d14

Concen: 5.40 ng

RT: 19.52 min Scan# 2454

Delta R.T. -0.01 min

Lab File: BE090966.D

Acq: 24 Sep 2015 5:18

Instrument :

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ClientSampleId :

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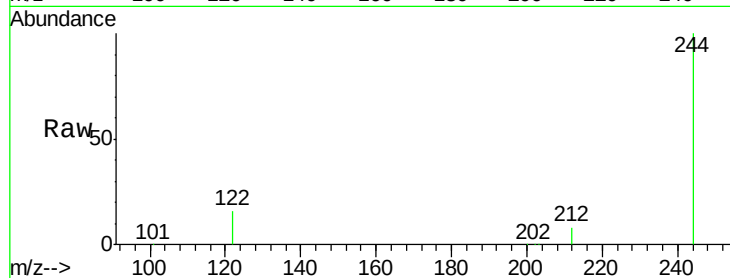
Tgt Ion:244 Resp: 152969

Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

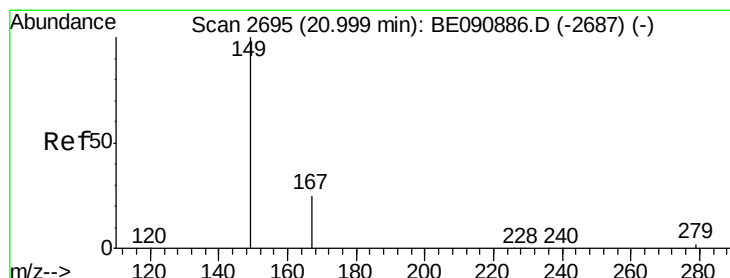
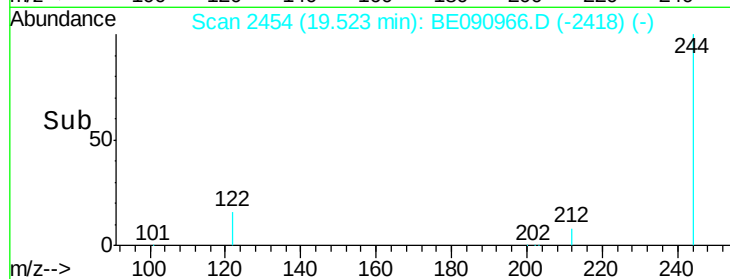
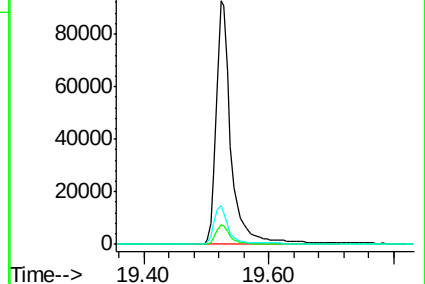
122 16.1 12.9 19.3



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



#31

Bis(2-ethylhexyl)phthalate

Concen: 0.40 ng

RT: 20.99 min Scan# 2696

Delta R.T. -0.01 min

Lab File: BE090966.D

Acq: 24 Sep 2015 5:18

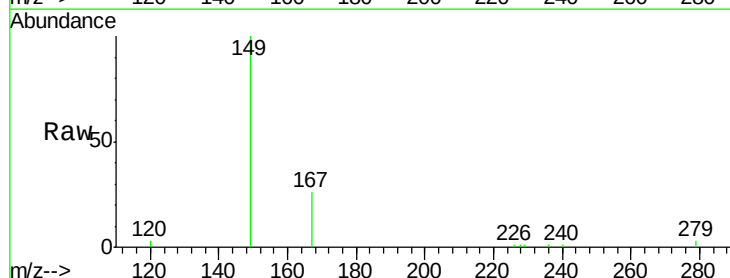
Tgt Ion:149 Resp: 6877

Ion Ratio Lower Upper

149 100

167 24.7 20.1 30.1

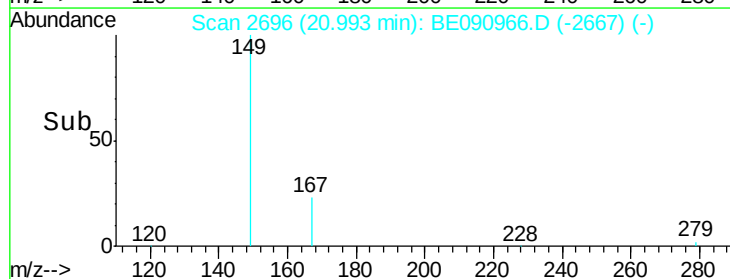
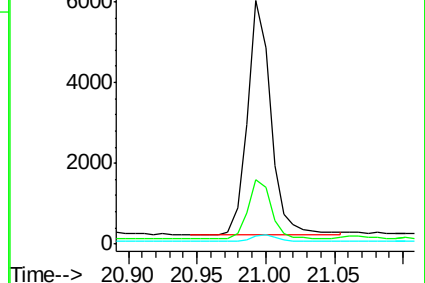
279 3.6 2.3 3.5#



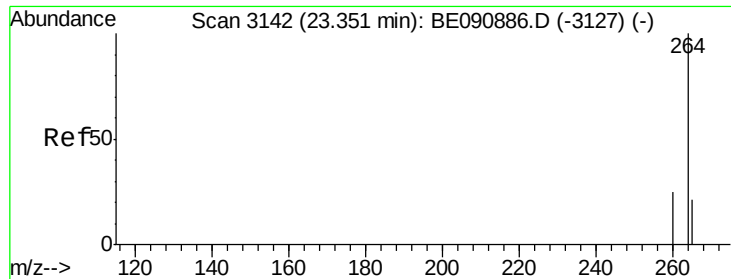
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E







#33

Perylene-d12

Concen: 5.00 ng

RT: 23.35 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BE090966.D

Acq: 24 Sep 2015 5:18

Instrument :

BNA\_E

ClientSampleId :

CPS033031RE

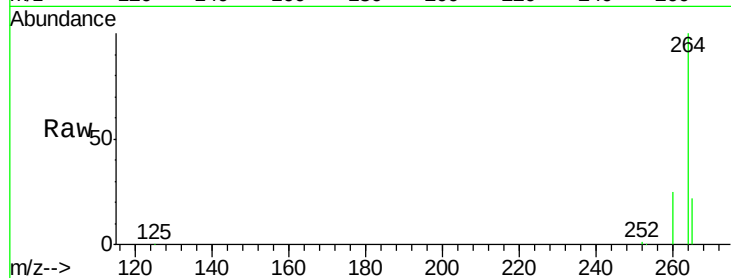
Tgt Ion:264 Resp: 224324

Ion Ratio Lower Upper

264 100

260 25.0 19.7 29.5

265 21.9 17.5 26.3



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

