

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE091815\  
 Data File : BE090900.D  
 Acq On : 19 Sep 2015 7:29  
 Operator : UM/IZ  
 Sample : G3722-02  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 091615-W004-F-D-M

Quant Time: Sep 21 02:39:17 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

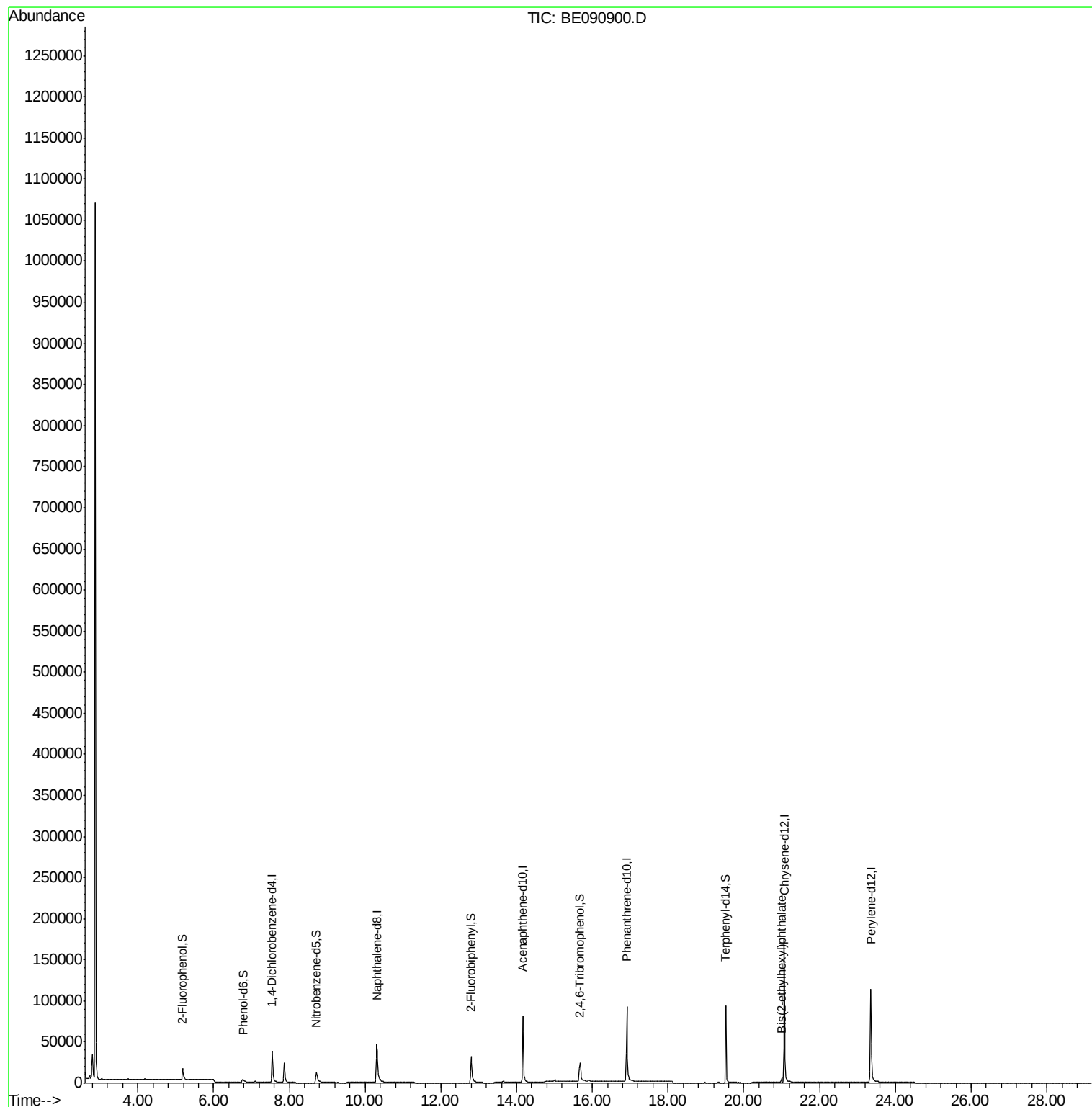
| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min)      |
|--------------------------------|-------|------|----------|------|-------|---------------|
| 1) 1,4-Dichlorobenzene-d4      | 7.55  | 152  | 25015    | 5.00 | ng    | 0.00          |
| 7) Naphthalene-d8              | 10.31 | 136  | 106309   | 5.00 | ng    | 0.00          |
| 13) Acenaphthene-d10           | 14.17 | 164  | 57231    | 5.00 | ng    | 0.00          |
| 19) Phenanthrene-d10           | 16.91 | 188  | 138924   | 5.00 | ng    | 0.00          |
| 26) Chrysene-d12               | 21.07 | 240  | 181270   | 5.00 | ng    | 0.00          |
| 33) Perylene-d12               | 23.35 | 264  | 175218   | 5.00 | ng    | 0.00          |
| System Monitoring Compounds    |       |      |          |      |       |               |
| 4) 2-Fluorophenol              | 5.18  | 112  | 15903    | 2.81 | ng    | 0.00          |
| 5) Phenol-d6                   | 6.77  | 99   | 12022    | 1.54 | ng    | 0.02          |
| 8) Nitrobenzene-d5             | 8.71  | 82   | 25275    | 3.45 | ng    | 0.00          |
| 14) 2,4,6-Tribromophenol       | 15.67 | 330  | 14345    | 7.10 | ng    | -0.02         |
| 15) 2-Fluorobiphenyl           | 12.80 | 172  | 56800    | 3.50 | ng    | 0.00          |
| 28) Terphenyl-d14              | 19.53 | 244  | 103752   | 5.06 | ng    | 0.00          |
| Target Compounds               |       |      |          |      |       |               |
| 31) Bis(2-ethylhexyl)phthalate | 21.00 | 149  | 5786     | 0.44 | ng    | Qvalue<br>100 |

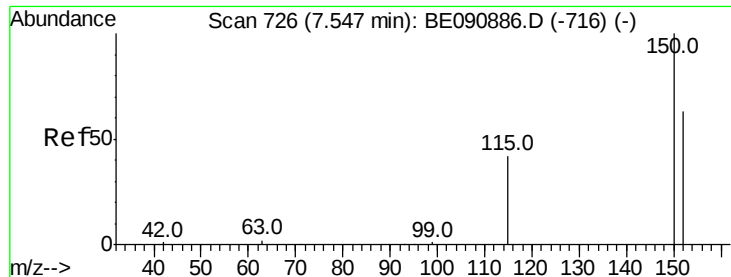
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE091815\  
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Misc :  
ALS Vial : 10 Sample Multiplier: 1

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BNA\_E  
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091615-W004-F-D-M

Quant Time: Sep 21 02:39:17 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





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 726

Delta R.T. -0.00 min

Lab File: BE090900.D

Acq: 19 Sep 2015 7:29

Instrument :

BNA\_E

ClientSampleId :

091615-W004-F-D-M

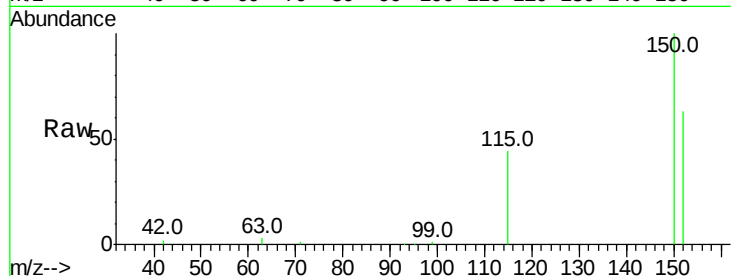
Tgt Ion:152 Resp: 25015

Ion Ratio Lower Upper

152 100

150 159.4 122.2 183.4

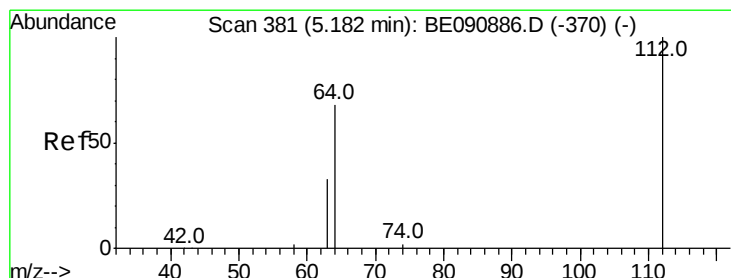
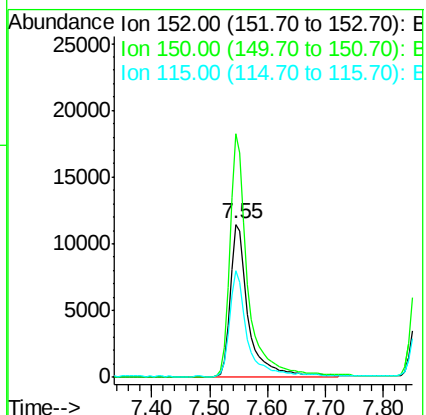
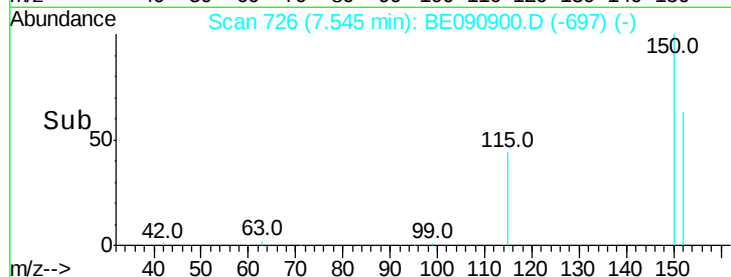
115 69.9 51.0 76.4



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: 2.81 ng

RT: 5.18 min Scan# 381

Delta R.T. 0.00 min

Lab File: BE090900.D

Acq: 19 Sep 2015 7:29

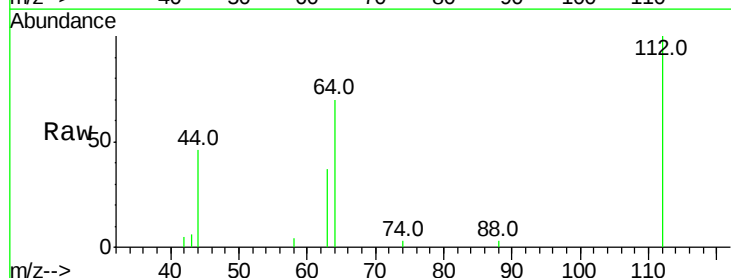
Tgt Ion:112 Resp: 15903

Ion Ratio Lower Upper

112 100

64 72.4 57.3 85.9

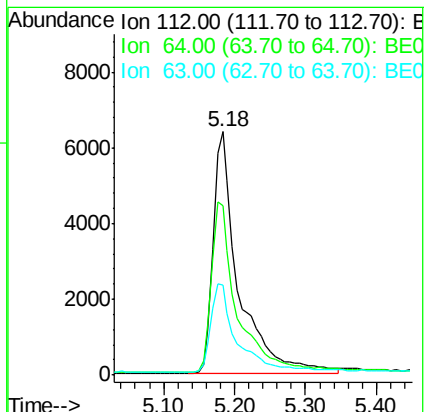
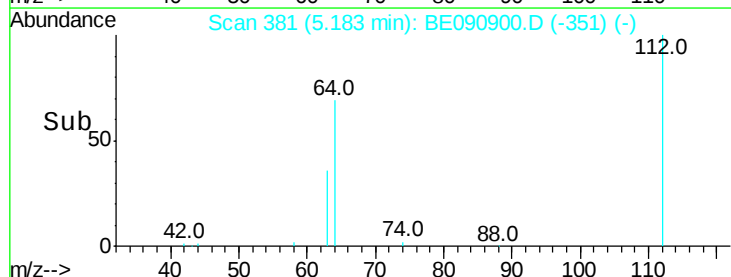
63 37.7 29.2 43.8

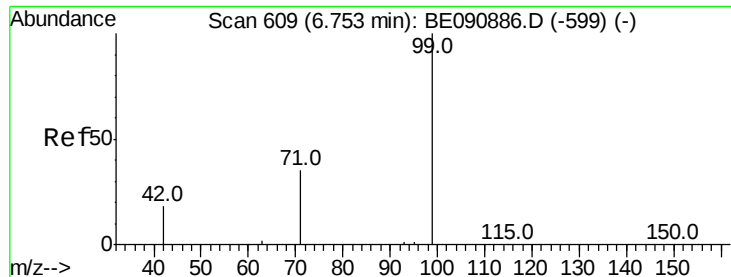


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.54 ng

RT: 6.77 min Scan# 612

Delta R.T. 0.02 min

Lab File: BE090900.D

Acq: 19 Sep 2015 7:29

Instrument :

BNA\_E

ClientSampleId :

091615-W004-F-D-M

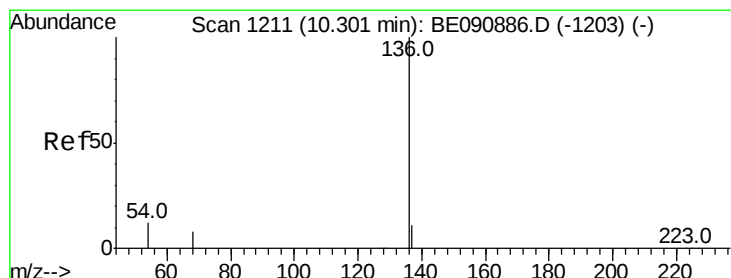
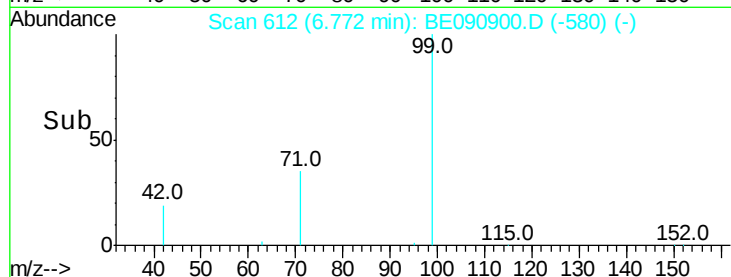
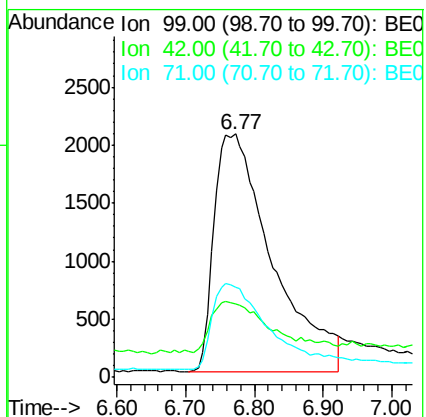
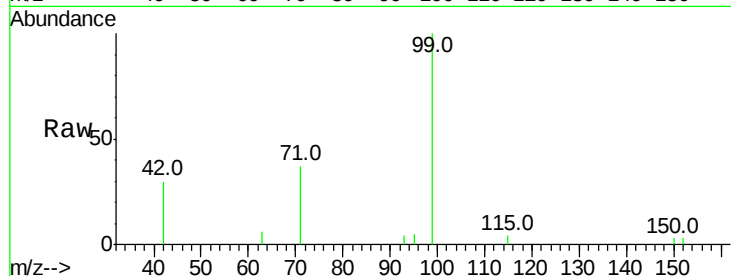
Tgt Ion: 99 Resp: 12022

Ion Ratio Lower Upper

99 100

42 23.1 16.8 25.2

71 35.8 28.3 42.5



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 1212

Delta R.T. 0.01 min

Lab File: BE090900.D

Acq: 19 Sep 2015 7:29

Tgt Ion: 136 Resp: 106309

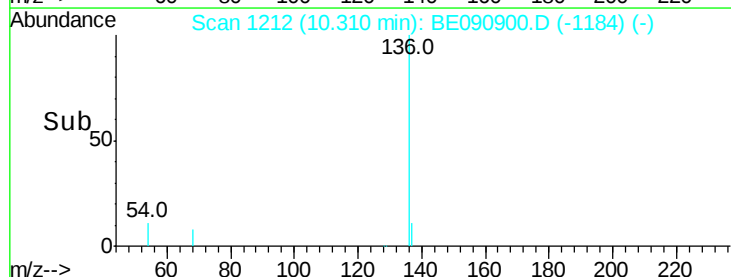
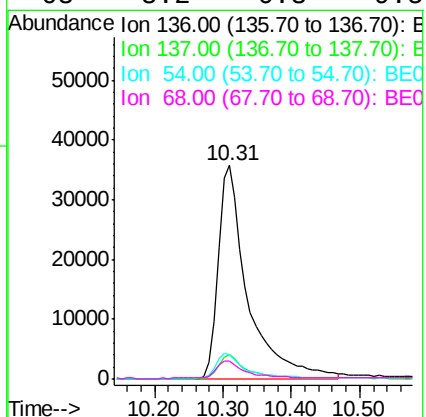
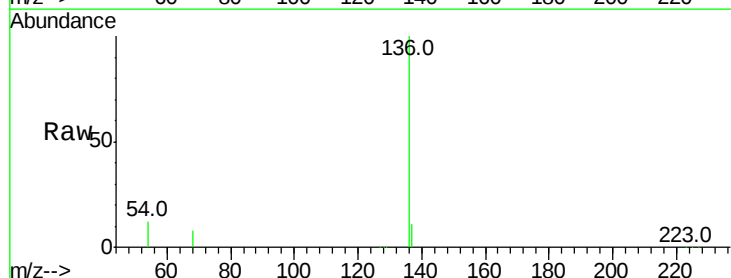
Ion Ratio Lower Upper

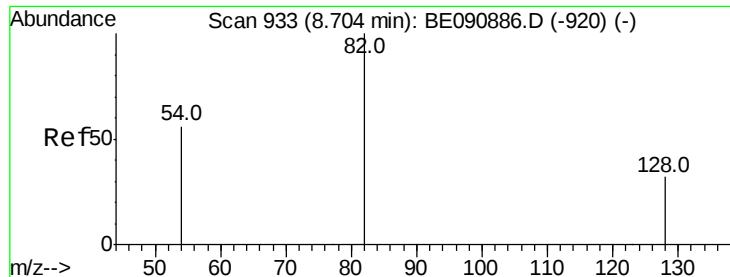
136 100

137 11.1 8.7 13.1

54 11.6 9.0 13.6

68 8.2 6.3 9.5

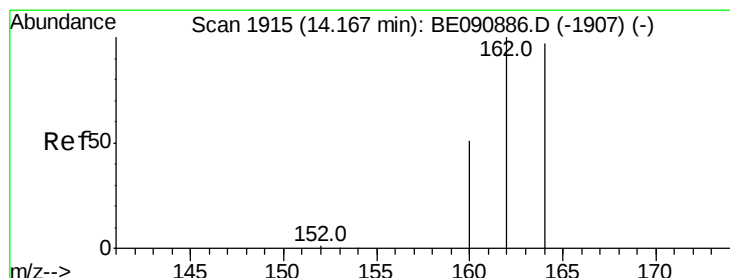
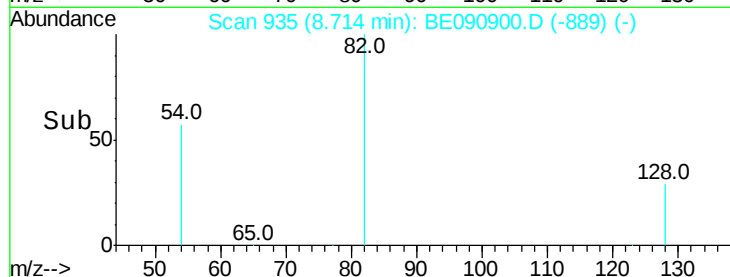
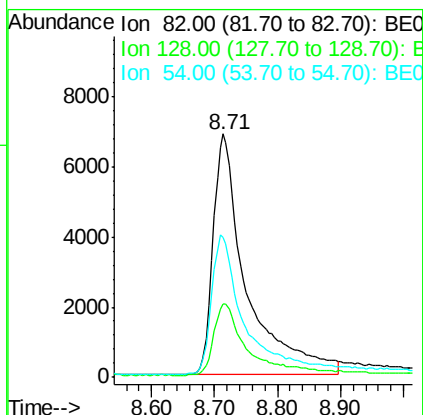
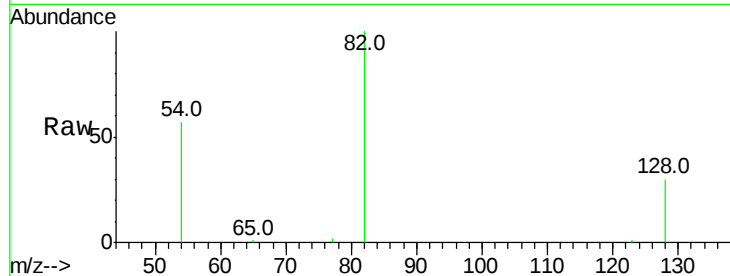




#8  
 Nitrobenzene-d5  
 Concen: 3.45 ng  
 RT: 8.71 min Scan# 935  
 Delta R.T. 0.01 min  
 Lab File: BE090900.D  
 Acq: 19 Sep 2015 7:29

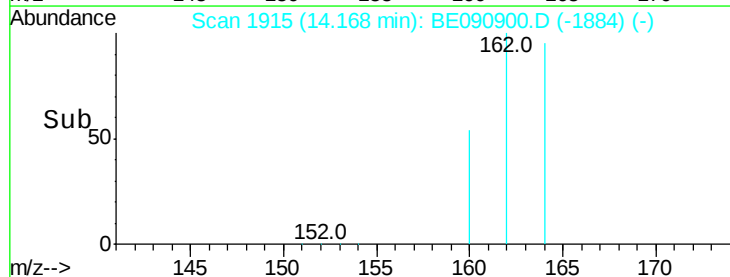
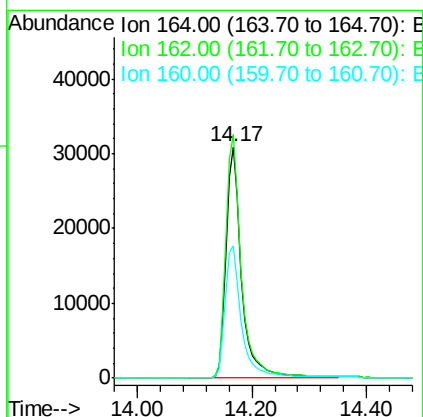
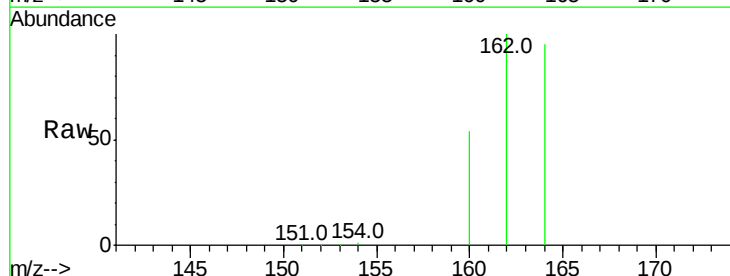
Instrument :  
 BNA\_E  
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 091615-W004-F-D-M

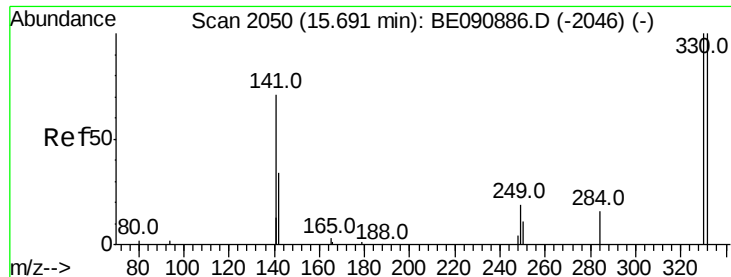
Tgt Ion: 82 Resp: 25275  
 Ion Ratio Lower Upper  
 82 100  
 128 29.9 25.0 37.4  
 54 57.4 46.3 69.5



#13  
 Acenaphthene-d10  
 Concen: 5.00 ng  
 RT: 14.17 min Scan# 1915  
 Delta R.T. 0.00 min  
 Lab File: BE090900.D  
 Acq: 19 Sep 2015 7:29

Tgt Ion: 164 Resp: 57231  
 Ion Ratio Lower Upper  
 164 100  
 162 105.2 86.8 130.2  
 160 57.0 53.9 80.9

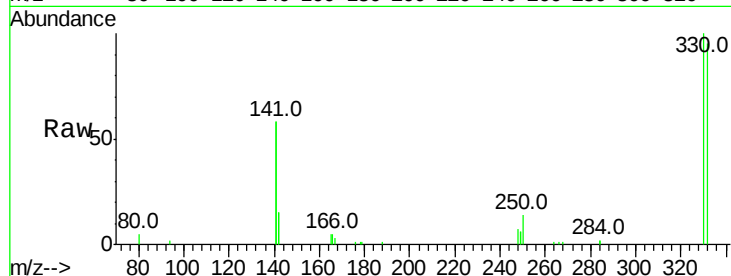




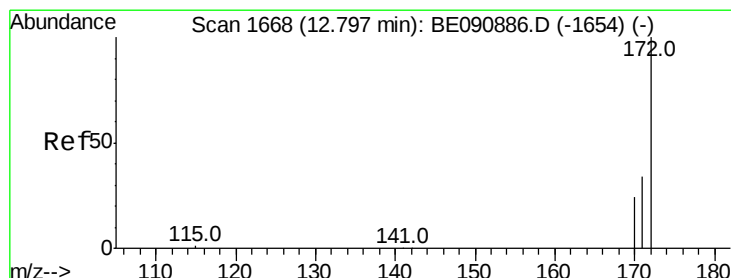
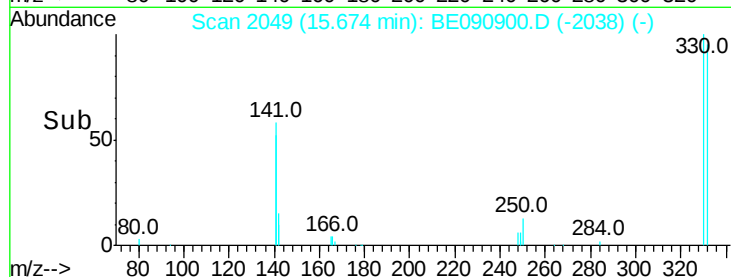
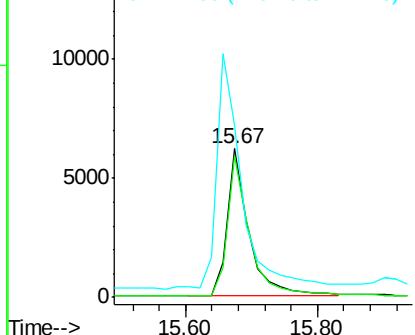
#14  
 2,4,6-Tribromophenol  
 Concen: 7.10 ng  
 RT: 15.67 min Scan# 2049  
 Delta R.T. -0.02 min  
 Lab File: BE090900.D  
 Acq: 19 Sep 2015 7:29

Instrument :  
 BNA\_E  
 ClientSampleId :  
 091615-W004-F-D-M

Tgt Ion: 330 Resp: 14345  
 Ion Ratio Lower Upper  
 330 100  
 332 96.8 74.9 112.3  
 141 180.8 145.2 217.8

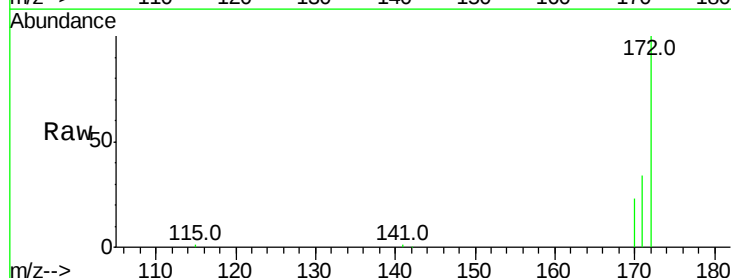


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

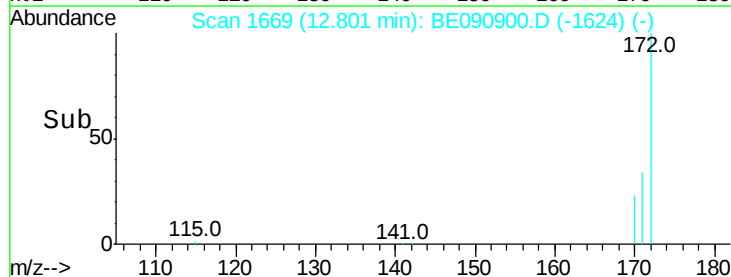
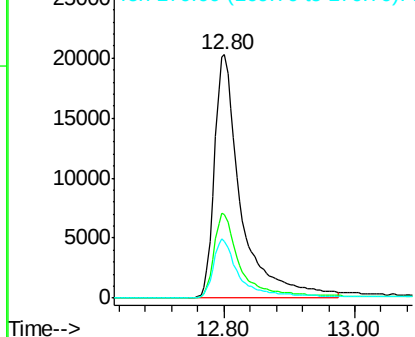


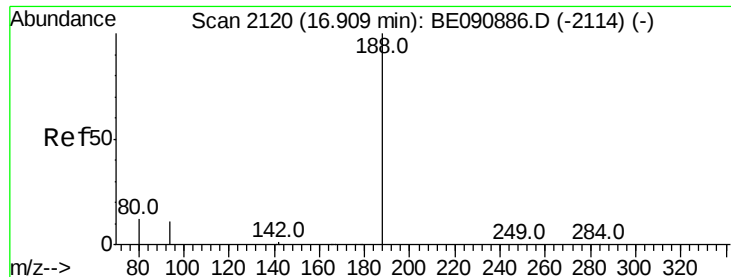
#15  
 2-Fluorobiphenyl  
 Concen: 3.50 ng  
 RT: 12.80 min Scan# 1669  
 Delta R.T. 0.00 min  
 Lab File: BE090900.D  
 Acq: 19 Sep 2015 7:29

Tgt Ion: 172 Resp: 56800  
 Ion Ratio Lower Upper  
 172 100  
 171 34.2 27.8 41.8  
 170 23.2 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# 2120

Delta R.T. 0.00 min

Lab File: BE090900.D

Acq: 19 Sep 2015 7:29

Instrument :

BNA\_E

ClientSampleId :

091615-W004-F-D-M

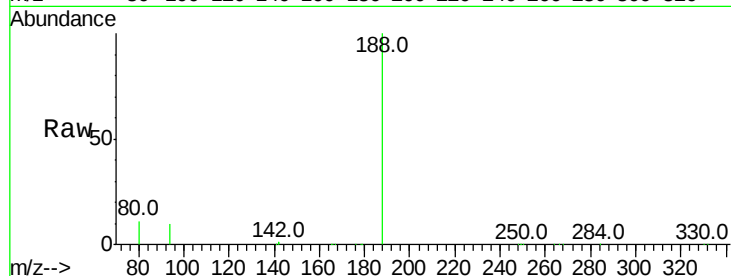
Tgt Ion:188 Resp: 138924

Ion Ratio Lower Upper

188 100

94 10.1 10.3 15.5#

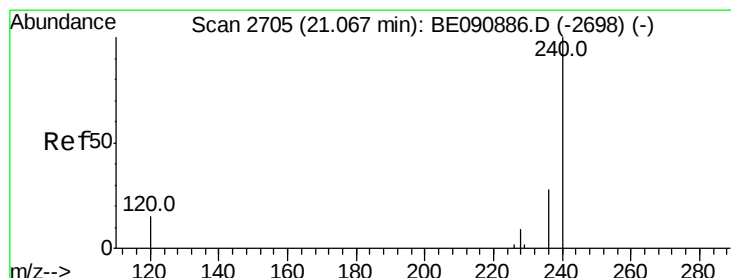
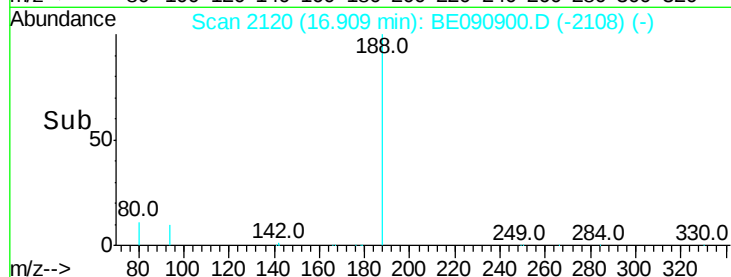
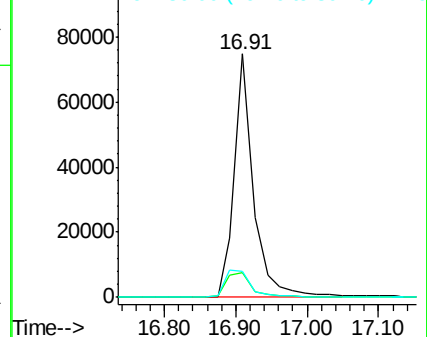
80 10.9 11.0 16.6#



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# 2704

Delta R.T. -0.00 min

Lab File: BE090900.D

Acq: 19 Sep 2015 7:29

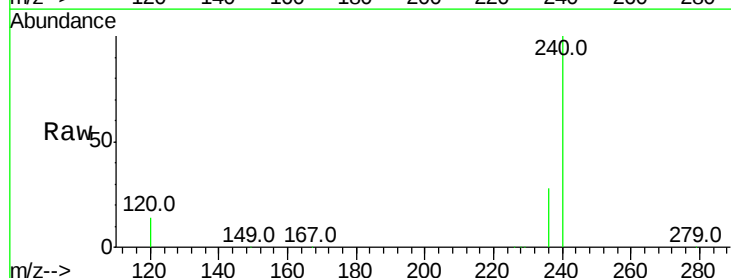
Tgt Ion:240 Resp: 181270

Ion Ratio Lower Upper

240 100

120 13.9 10.1 15.1

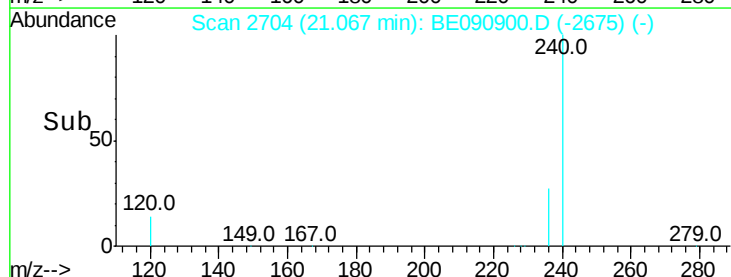
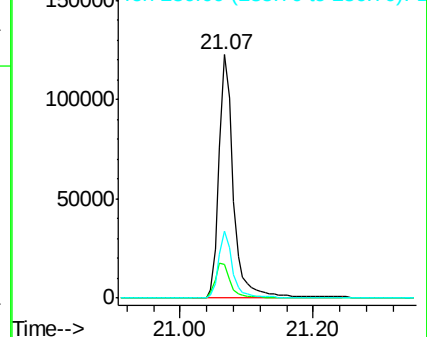
236 27.5 21.9 32.9

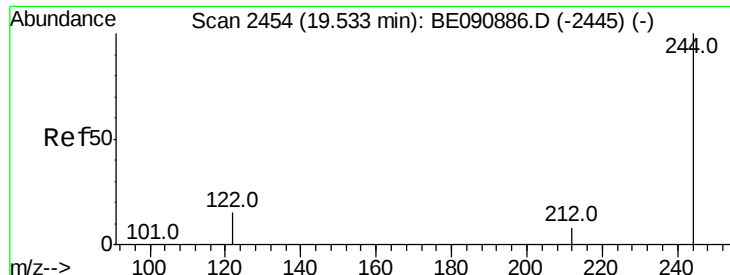


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#28

Terphenyl-d14

Concen: 5.06 ng

RT: 19.53 min Scan# 2453

Delta R.T. -0.00 min

Lab File: BE090900.D

Acq: 19 Sep 2015 7:29

Instrument :

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091615-W004-F-D-M

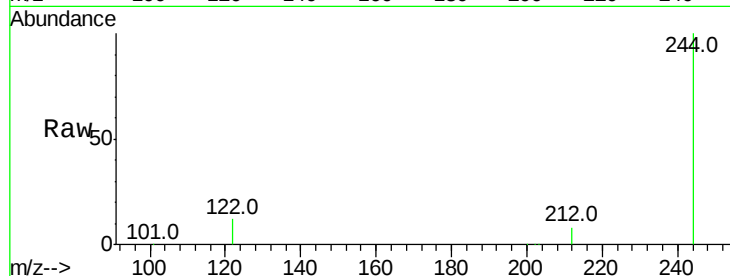
Tgt Ion:244 Resp: 103752

Ion Ratio Lower Upper

244 100

212 7.9 6.9 10.3

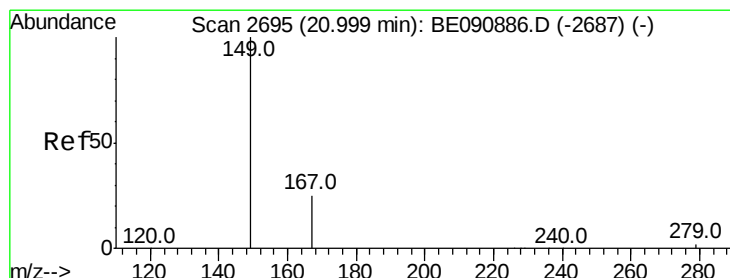
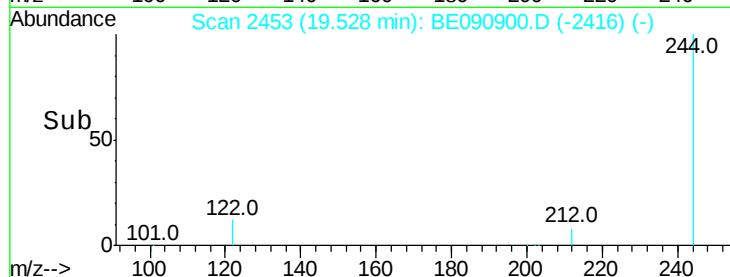
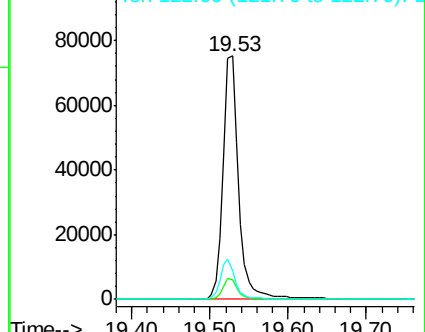
122 12.0 12.9 19.3#



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: 0.44 ng

RT: 21.00 min Scan# 2694

Delta R.T. -0.00 min

Lab File: BE090900.D

Acq: 19 Sep 2015 7:29

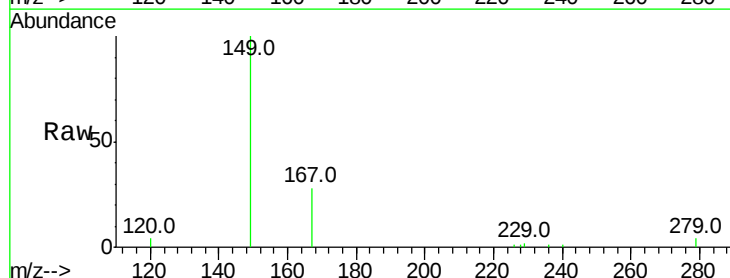
Tgt Ion:149 Resp: 5786

Ion Ratio Lower Upper

149 100

167 25.3 20.1 30.1

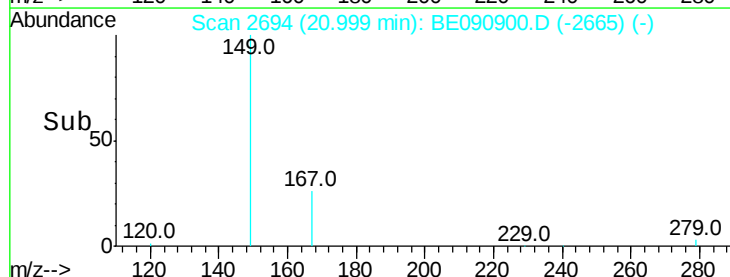
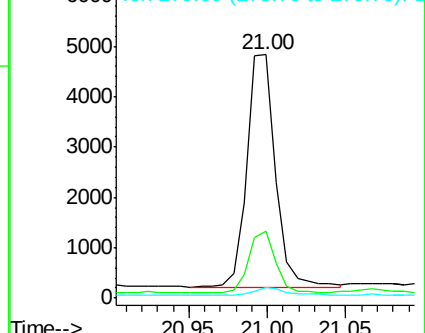
279 3.4 2.3 3.5

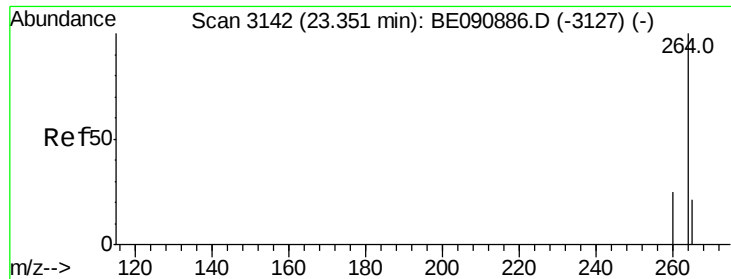


Abundance Ion 149.00 (148.70 to 149.70): E

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# 3142

Delta R.T. 0.00 min

Lab File: BE090900.D

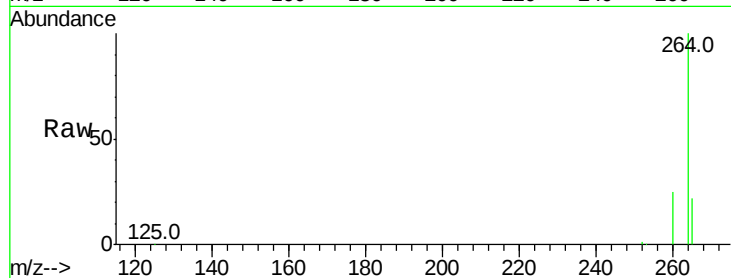
Acq: 19 Sep 2015 7:29

Instrument :

BNA\_E

ClientSampleId :

091615-W004-F-D-M



Tgt Ion:264 Resp: 175218

Ion Ratio Lower Upper

264 100

260 24.6 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

