

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE081215\  
 Data File : BE090483.D  
 Acq On : 13 Aug 2015 00:47  
 Operator : UM/IZ  
 Sample : G3251-04  
 Misc :  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 08115-D506-F-U-S

Quant Time: Aug 13 02:34:44 2015  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE080515.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 06 12:28:08 2015  
 Response via : Initial Calibration

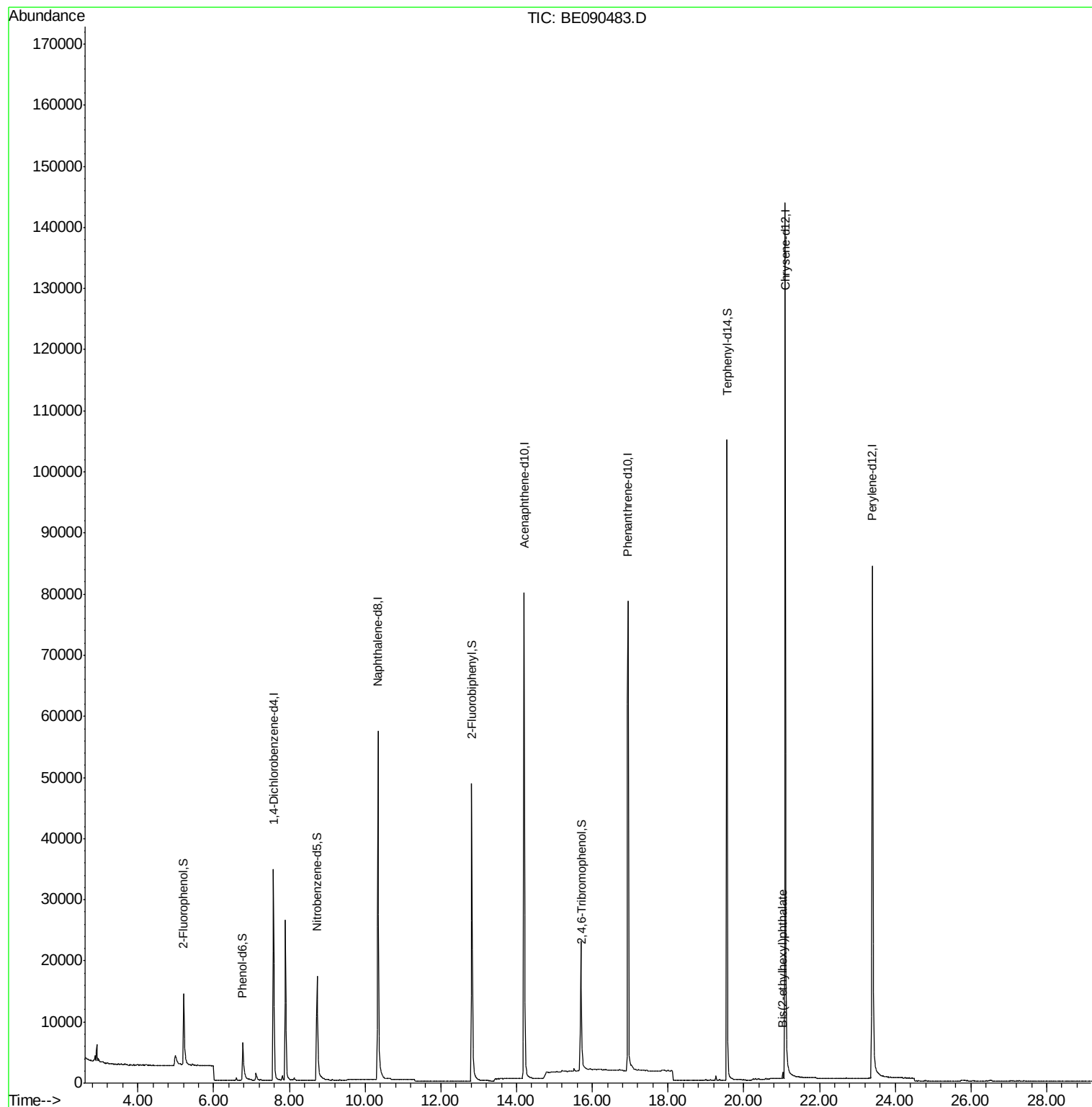
| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min)       |
|--------------------------------|-------|------|----------|------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4      | 7.58  | 152  | 19050    | 5.00 | ng    | 0.00           |
| 6) Naphthalene-d8              | 10.34 | 136  | 88447    | 5.00 | ng    | 0.00           |
| 12) Acenaphthene-d10           | 14.20 | 164  | 52889    | 5.00 | ng    | 0.00           |
| 18) Phenanthrene-d10           | 16.94 | 188  | 126383   | 5.00 | ng    | 0.00           |
| 25) Chrysene-d12               | 21.09 | 240  | 143116   | 5.00 | ng    | 0.00           |
| 32) Perylene-d12               | 23.40 | 264  | 128466   | 5.00 | ng    | 0.00           |
| System Monitoring Compounds    |       |      |          |      |       |                |
| 4) 2-Fluorophenol              | 5.22  | 112  | 11617    | 4.06 | ng    | 0.00           |
| 5) Phenol-d6                   | 6.77  | 99   | 11166    | 1.99 | ng    | 0.00           |
| 7) Nitrobenzene-d5             | 8.73  | 82   | 23743    | 3.37 | ng    | 0.00           |
| 13) 2,4,6-Tribromophenol       | 15.71 | 330  | 11680    | 7.46 | ng    | 0.00           |
| 14) 2-Fluorobiphenyl           | 12.82 | 172  | 58939    | 4.05 | ng    | 0.00           |
| 27) Terphenyl-d14              | 19.55 | 244  | 109354   | 5.19 | ng    | -0.01          |
| Target Compounds               |       |      |          |      |       |                |
| 30) Bis(2-ethylhexyl)phthalate | 21.03 | 149  | 969      | 0.24 | ng    | Qvalue<br># 96 |

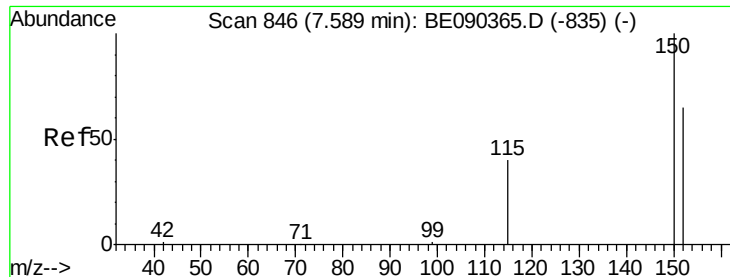
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE081215\  
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Misc :  
ALS Vial : 47 Sample Multiplier: 1

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BNA\_E  
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08115-D506-F-U-S

Quant Time: Aug 13 02:34:44 2015  
Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE080515.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Aug 06 12:28:08 2015  
Response via : Initial Calibration



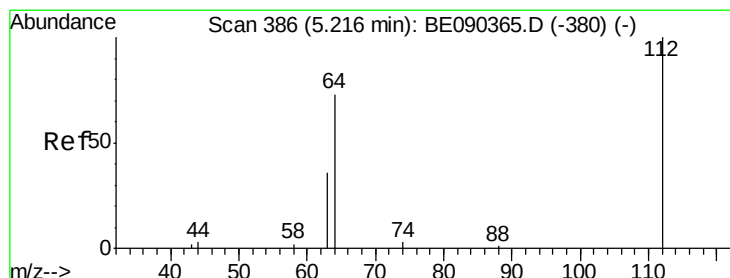
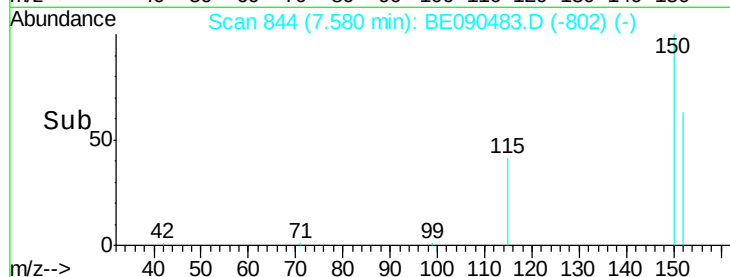
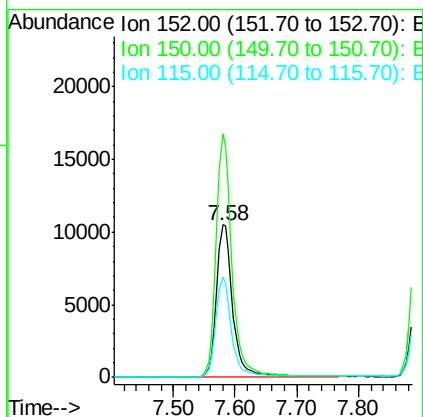
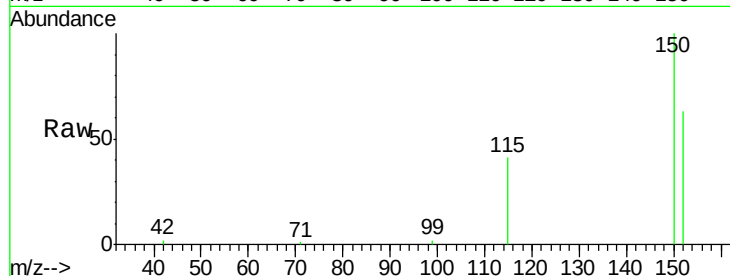


#1

1,4-Dichlorobenzene-d4  
 Concen: 5.00 ng  
 RT: 7.58 min Scan# 844  
 Delta R.T. -0.01 min  
 Lab File: BE090483.D  
 Acq: 13 Aug 2015 00:47

Instrument :  
 BNA\_E  
 ClientSampleId :  
 08115-D506-F-U-S

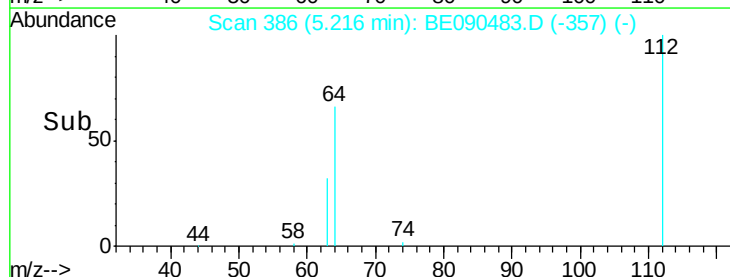
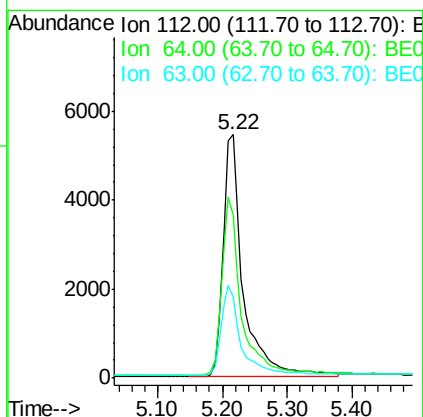
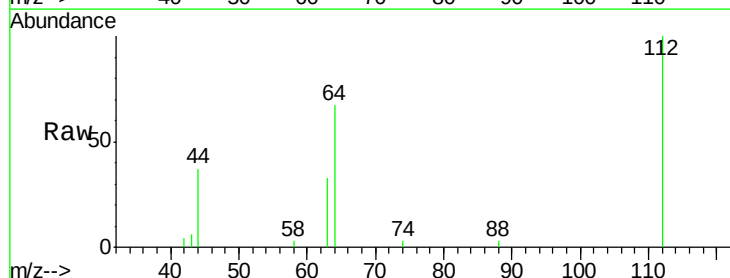
Tgt Ion:152 Resp: 19050  
 Ion Ratio Lower Upper  
 152 100  
 150 159.6 123.0 184.4  
 115 65.7 48.9 73.3

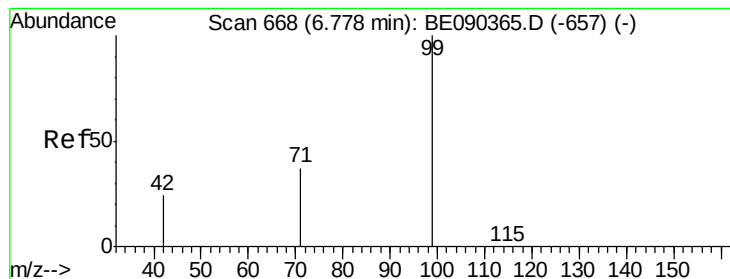


#4

2-Fluorophenol  
 Concen: 4.06 ng  
 RT: 5.22 min Scan# 386  
 Delta R.T. -0.00 min  
 Lab File: BE090483.D  
 Acq: 13 Aug 2015 00:47

Tgt Ion:112 Resp: 11617  
 Ion Ratio Lower Upper  
 112 100  
 64 71.6 37.1 55.7#  
 63 36.9 19.5 29.3#





#5

Phenol-d6

Concen: 1.99 ng

RT: 6.77 min Scan# 666

Delta R.T. -0.01 min

Lab File: BE090483.D

Acq: 13 Aug 2015 00:47

Instrument :

BNA\_E

ClientSampleId :

08115-D506-F-U-S

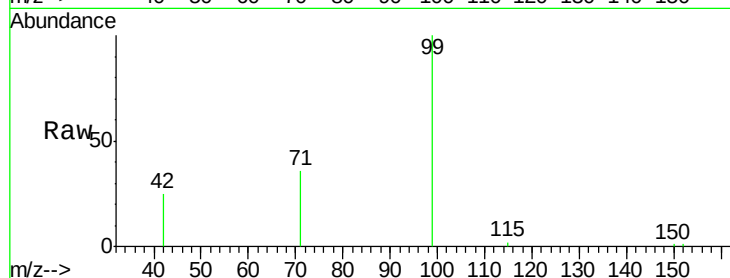
Tgt Ion: 99 Resp: 11166

Ion Ratio Lower Upper

99 100

42 22.3 18.2 27.4

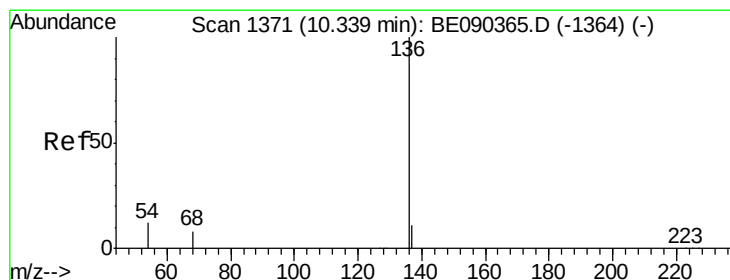
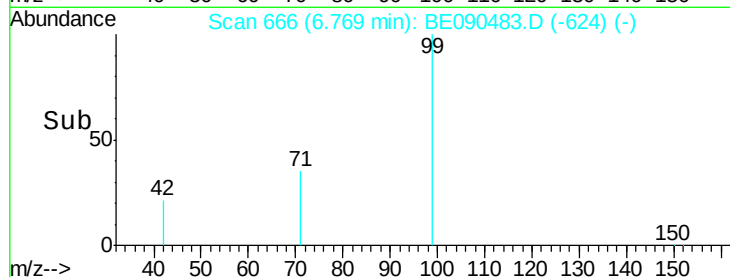
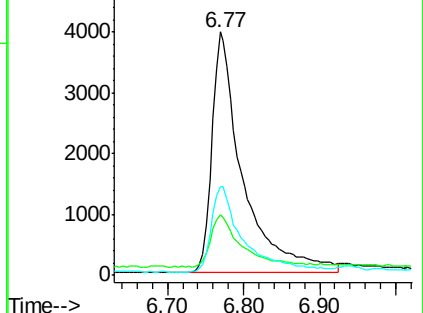
71 36.6 27.4 41.0



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: 10.34 min Scan# 1371

Delta R.T. -0.00 min

Lab File: BE090483.D

Acq: 13 Aug 2015 00:47

Tgt Ion: 136 Resp: 88447

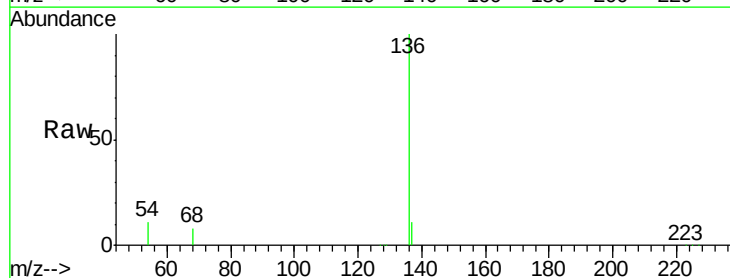
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 11.1 9.4 14.0

68 8.2 6.5 9.7

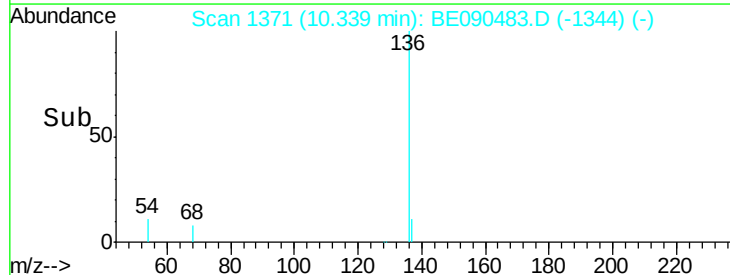
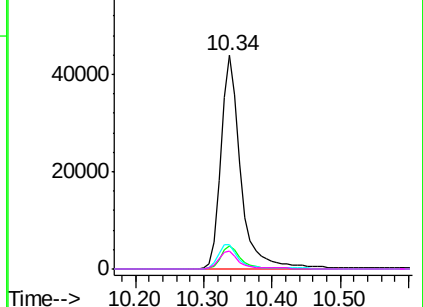


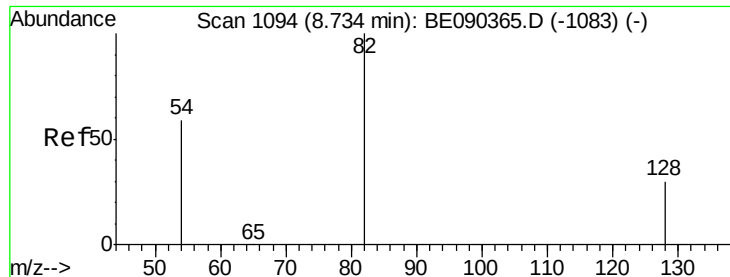
Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.37 ng

RT: 8.73 min Scan# 1093

Delta R.T. -0.00 min

Lab File: BE090483.D

Acq: 13 Aug 2015 00:47

Instrument :

BNA\_E

ClientSampleId :

08115-D506-F-U-S

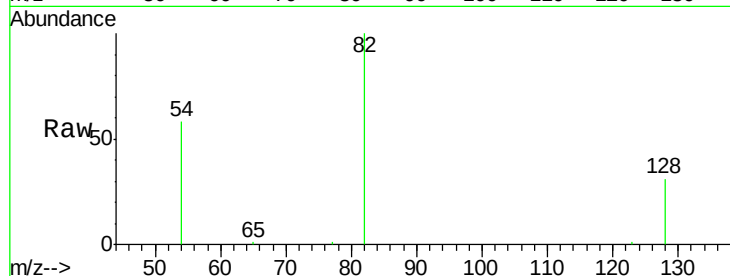
Tgt Ion: 82 Resp: 23743

Ion Ratio Lower Upper

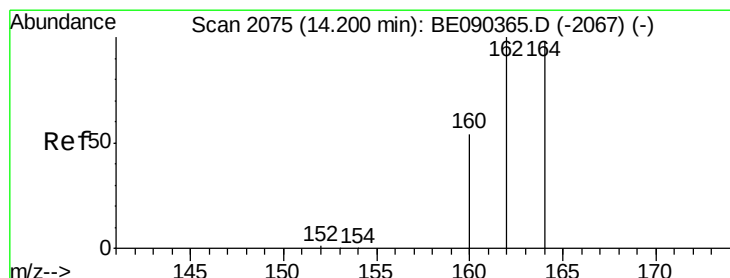
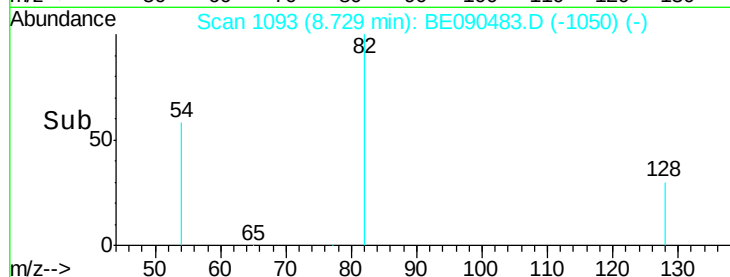
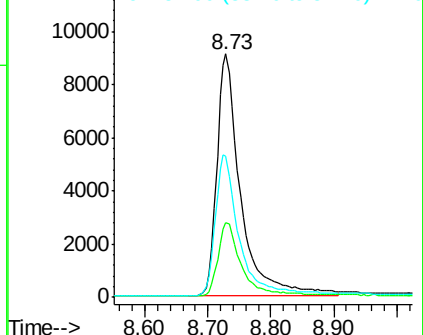
82 100

128 30.8 25.0 37.6

54 57.9 48.8 73.2



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: 14.20 min Scan# 2075

Delta R.T. -0.00 min

Lab File: BE090483.D

Acq: 13 Aug 2015 00:47

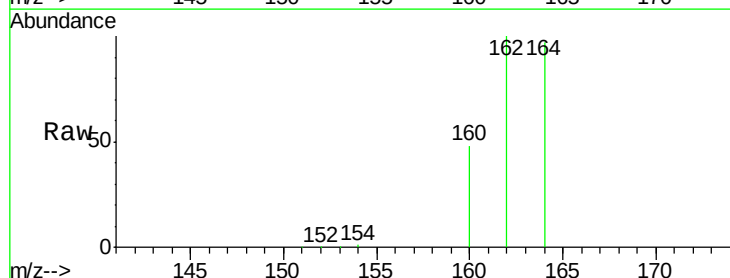
Tgt Ion: 164 Resp: 52889

Ion Ratio Lower Upper

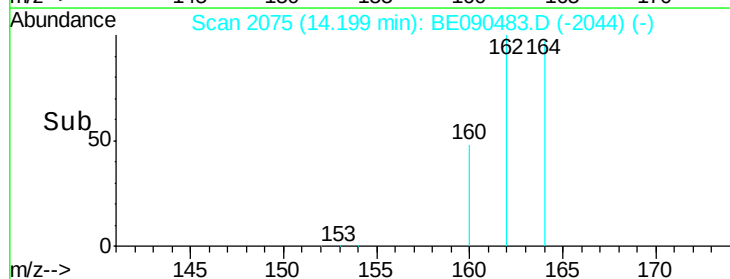
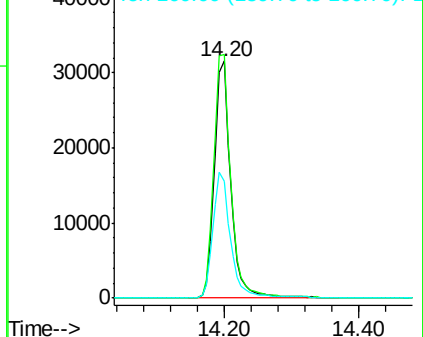
164 100

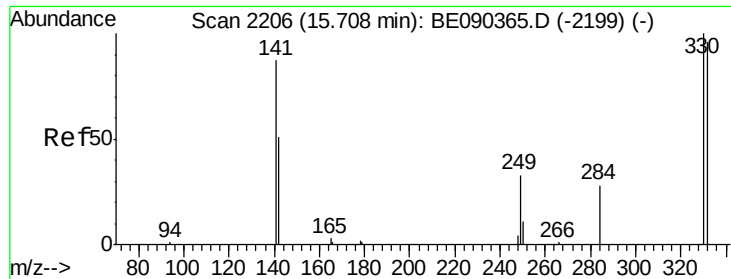
162 102.8 81.8 122.8

160 49.3 44.2 66.4



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

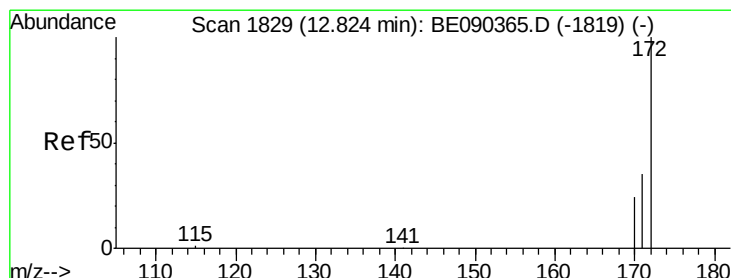
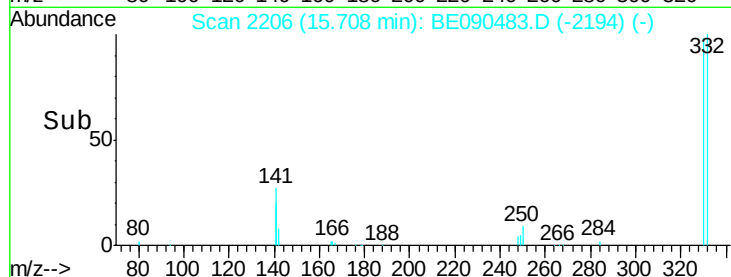
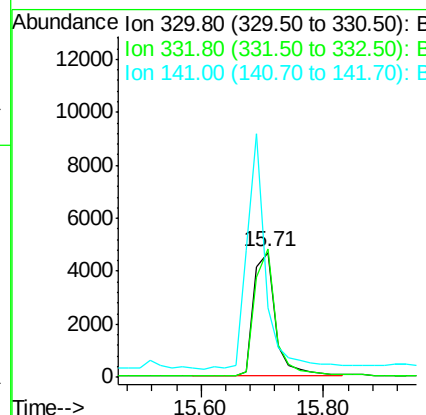
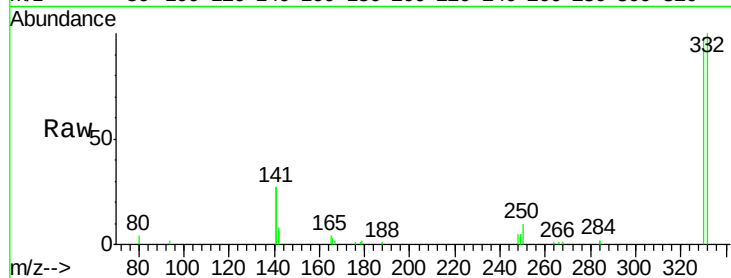




#13  
 2,4,6-Tribromophenol  
 Concen: 7.46 ng  
 RT: 15.71 min Scan# 2206  
 Delta R.T. 0.00 min  
 Lab File: BE090483.D  
 Acq: 13 Aug 2015 00:47

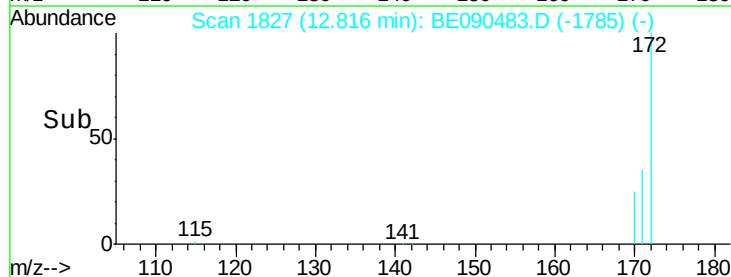
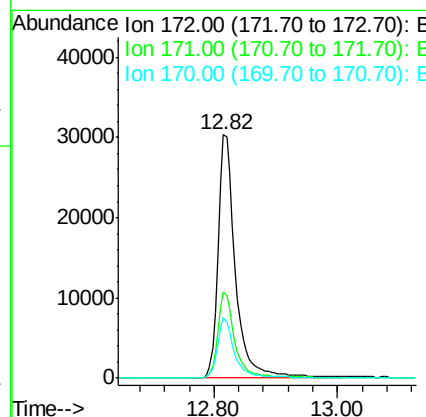
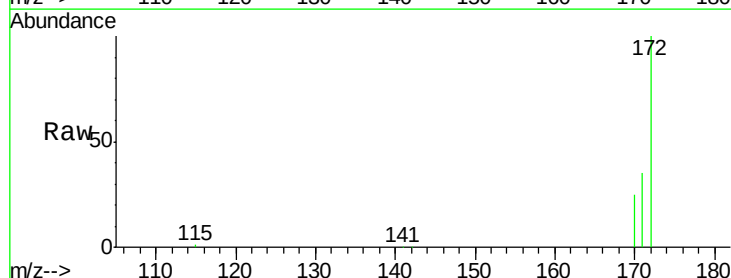
Instrument :  
 BNA\_E  
 ClientSampleId :  
 08115-D506-F-U-S

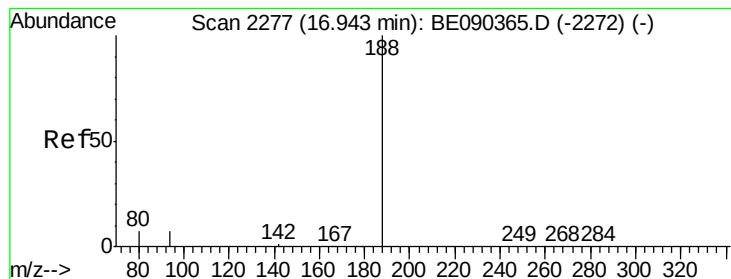
Tgt Ion: 330 Resp: 11680  
 Ion Ratio Lower Upper  
 330 100  
 332 97.1 75.8 113.6  
 141 161.3 114.4 171.6



#14  
 2-Fluorobiphenyl  
 Concen: 4.05 ng  
 RT: 12.82 min Scan# 1827  
 Delta R.T. -0.01 min  
 Lab File: BE090483.D  
 Acq: 13 Aug 2015 00:47

Tgt Ion: 172 Resp: 58939  
 Ion Ratio Lower Upper  
 172 100  
 171 35.3 28.5 42.7  
 170 24.6 19.8 29.8





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.94 min Scan# 2277

Delta R.T. 0.00 min

Lab File: BE090483.D

Acq: 13 Aug 2015 00:47

Instrument :

BNA\_E

ClientSampleId :

08115-D506-F-U-S

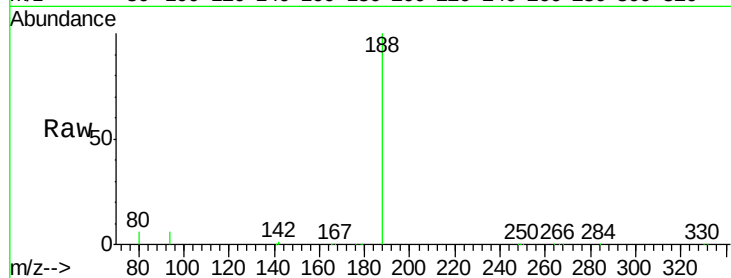
Tgt Ion:188 Resp: 126383

Ion Ratio Lower Upper

188 100

94 5.8 5.7 8.5

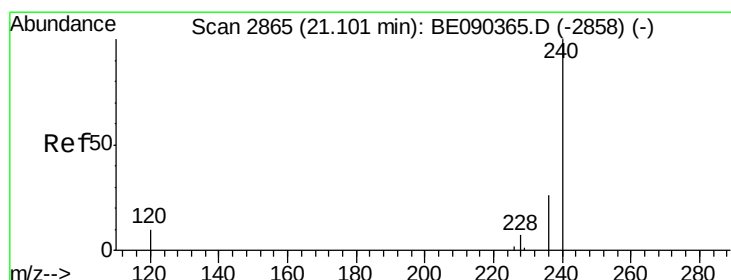
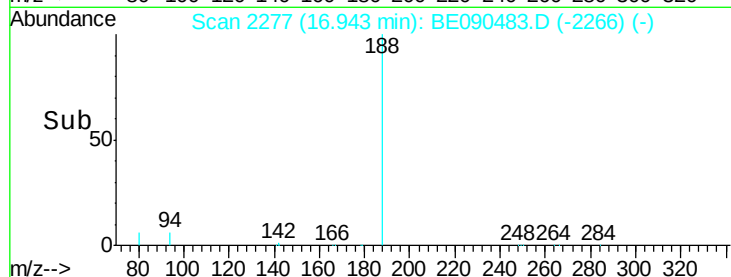
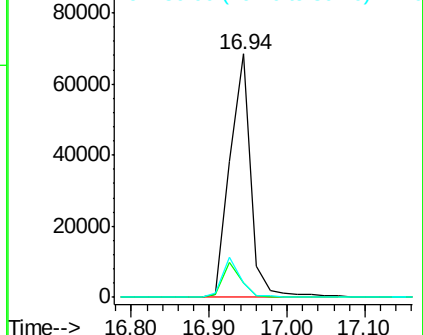
80 5.9 5.8 8.8



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: 21.09 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BE090483.D

Acq: 13 Aug 2015 00:47

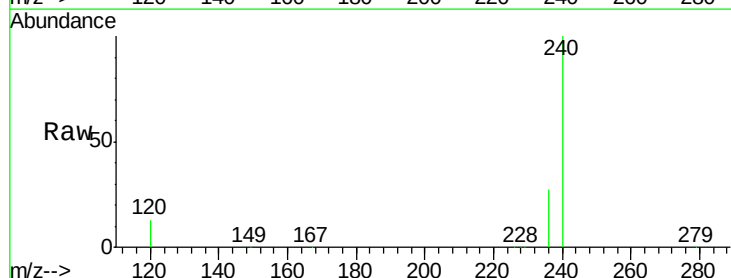
Tgt Ion:240 Resp: 143116

Ion Ratio Lower Upper

240 100

120 12.7 8.3 12.5#

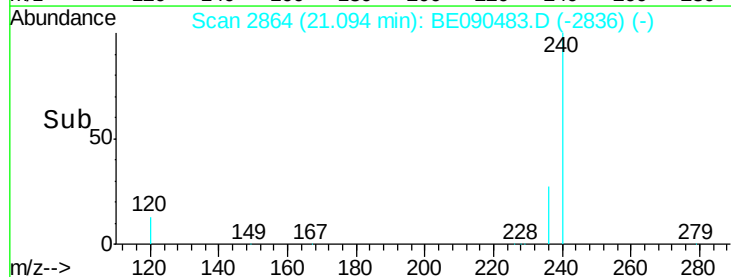
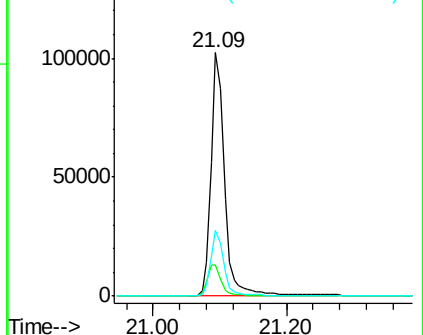
236 27.0 21.0 31.4

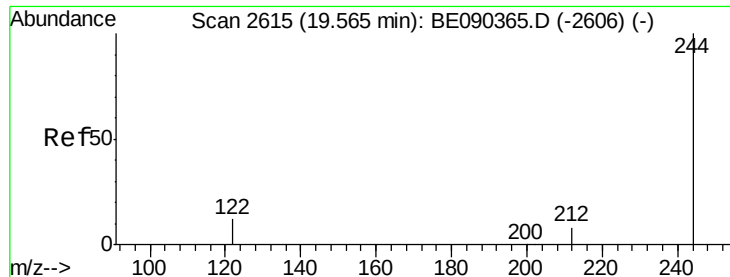


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

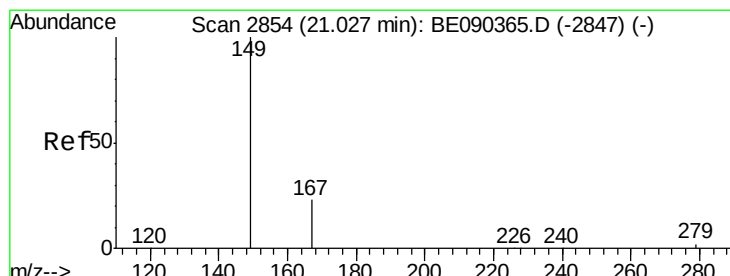
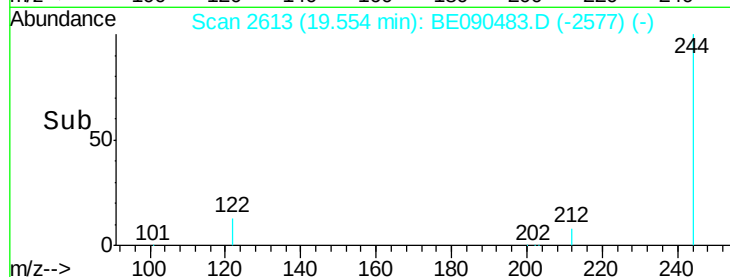
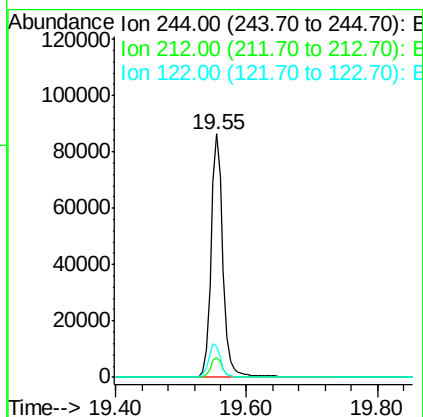
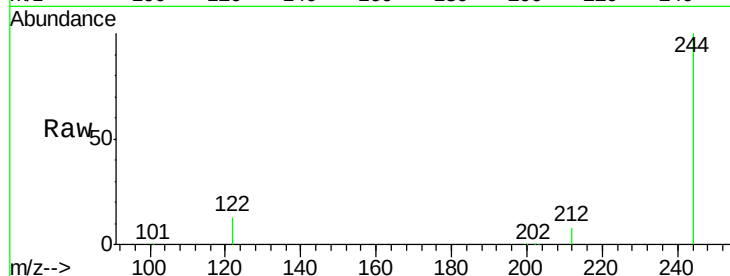




#27  
 Terphenyl-d14  
 Concen: 5.19 ng  
 RT: 19.55 min Scan# 2613  
 Delta R.T. -0.01 min  
 Lab File: BE090483.D  
 Acq: 13 Aug 2015 00:47

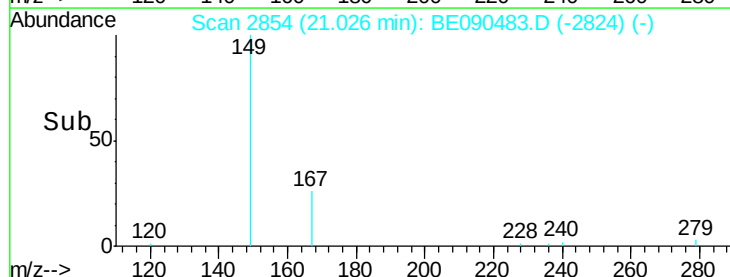
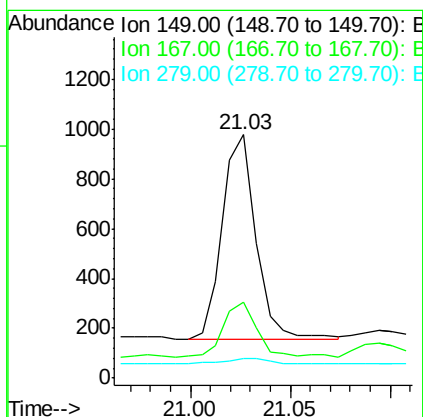
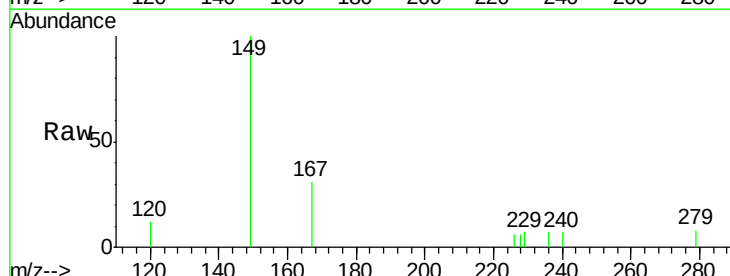
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 BNA\_E  
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 08115-D506-F-U-S

Tgt Ion: 244 Resp: 109354  
 Ion Ratio Lower Upper  
 244 100  
 212 8.0 6.6 9.8  
 122 12.9 10.2 15.4

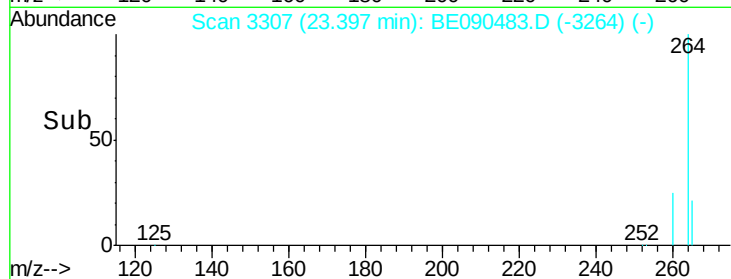
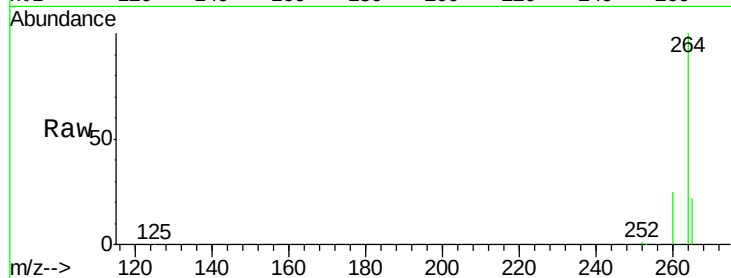
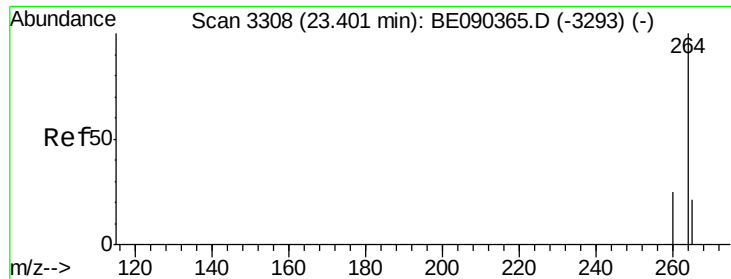


#30  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.24 ng  
 RT: 21.03 min Scan# 2854  
 Delta R.T. 0.00 min  
 Lab File: BE090483.D  
 Acq: 13 Aug 2015 00:47

Tgt Ion: 149 Resp: 969  
 Ion Ratio Lower Upper  
 149 100  
 167 26.9 19.8 29.8  
 279 4.0 2.4 3.6#







#32

Perylene-d12

Concen: 5.00 ng

RT: 23.40 min Scan# 3307

Delta R.T. -0.00 min

Lab File: BE090483.D

Acq: 13 Aug 2015 00:47

Instrument :

BNA\_E

ClientSampleId :

08115-D506-F-U-S

Tgt Ion:264 Resp: 128466

Ion Ratio Lower Upper

264 100

260 24.9 20.1 30.1

265 21.7 17.2 25.8

