

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE091415\  
 Data File : BE090806.D  
 Acq On : 14 Sep 2015 19:43  
 Operator : UM/IZ  
 Sample : G3657-03  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 091115-D534-E-U-B

Quant Time: Sep 15 08:23:36 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

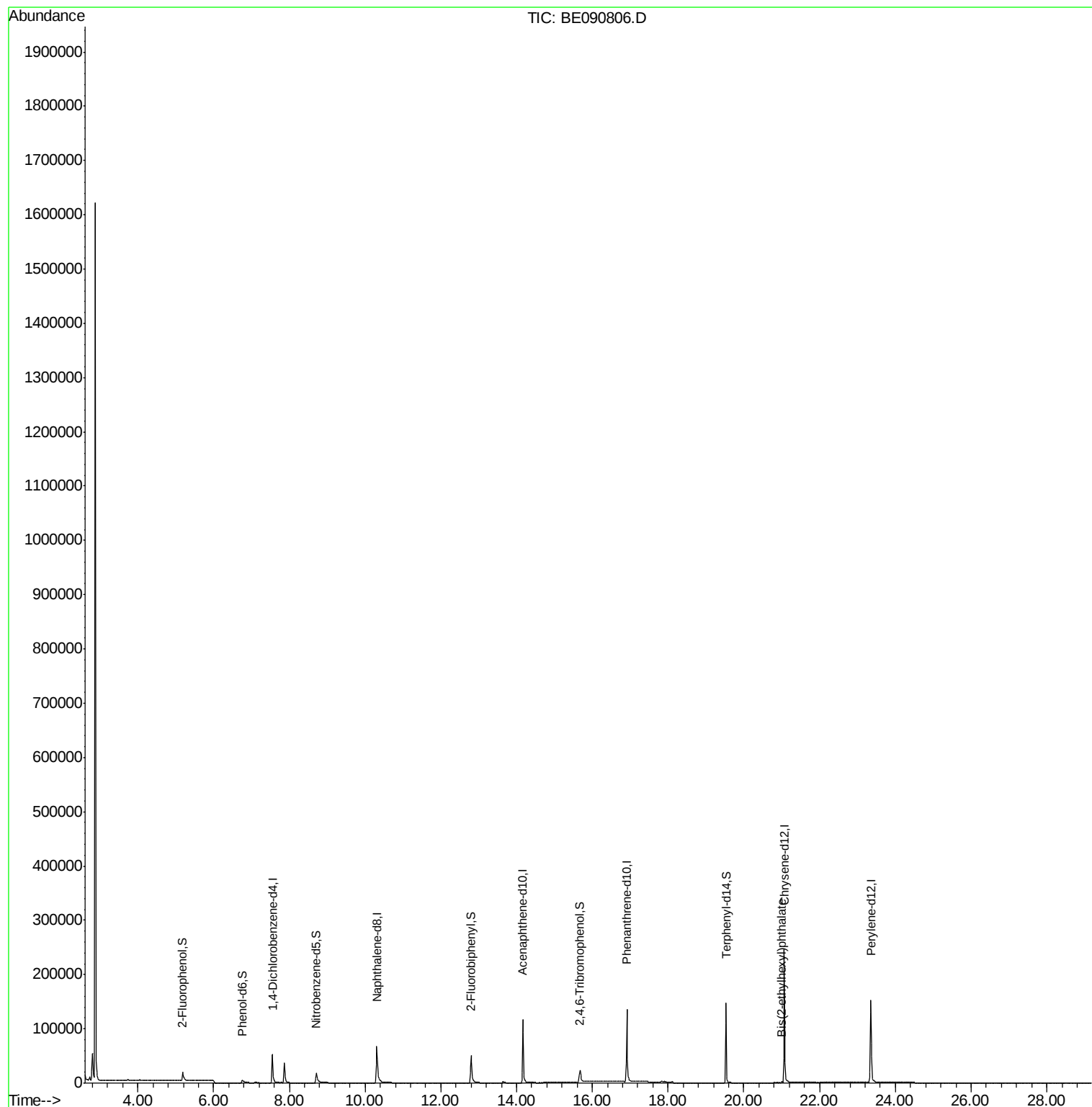
| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min)     |
|--------------------------------|-------|------|----------|------|-------|--------------|
| 1) 1,4-Dichlorobenzene-d4      | 7.55  | 152  | 33204    | 5.00 | ng    | 0.00         |
| 6) Naphthalene-d8              | 10.31 | 136  | 140055   | 5.00 | ng    | 0.00         |
| 12) Acenaphthene-d10           | 14.17 | 164  | 72423    | 5.00 | ng    | 0.00         |
| 18) Phenanthrene-d10           | 16.91 | 188  | 186248   | 5.00 | ng    | 0.00         |
| 25) Chrysene-d12               | 21.07 | 240  | 239367   | 5.00 | ng    | 0.00         |
| 32) Perylene-d12               | 23.36 | 264  | 218343   | 5.00 | ng    | 0.00         |
| System Monitoring Compounds    |       |      |          |      |       |              |
| 4) 2-Fluorophenol              | 5.18  | 112  | 18093    | 2.81 | ng    | 0.00         |
| 5) Phenol-d6                   | 6.75  | 99   | 13804    | 1.49 | ng    | 0.00         |
| 7) Nitrobenzene-d5             | 8.72  | 82   | 33616    | 3.63 | ng    | 0.00         |
| 13) 2,4,6-Tribromophenol       | 15.67 | 330  | 13067    | 6.18 | ng    | 0.00         |
| 14) 2-Fluorobiphenyl           | 12.80 | 172  | 80687    | 4.02 | ng    | 0.00         |
| 27) Terphenyl-d14              | 19.53 | 244  | 151307   | 5.71 | ng    | -0.01        |
| Target Compounds               |       |      |          |      |       |              |
| 30) Bis(2-ethylhexyl)phthalate | 21.00 | 149  | 1862     | 0.20 | ng    | Qvalue<br>93 |

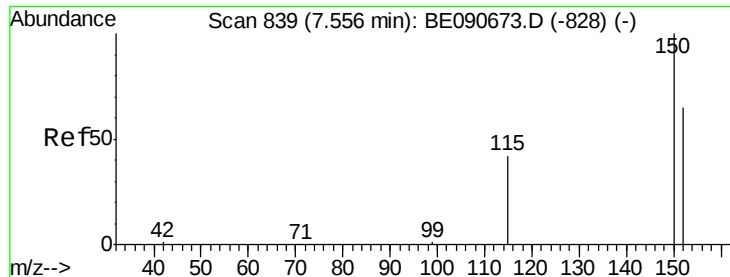
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 15 08:23:36 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





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.55 min Scan# 838

Delta R.T. -0.00 min

Lab File: BE090806.D

Acq: 14 Sep 2015 19:43

Instrument :

BNA\_E

ClientSampleId :

091115-D534-E-U-B

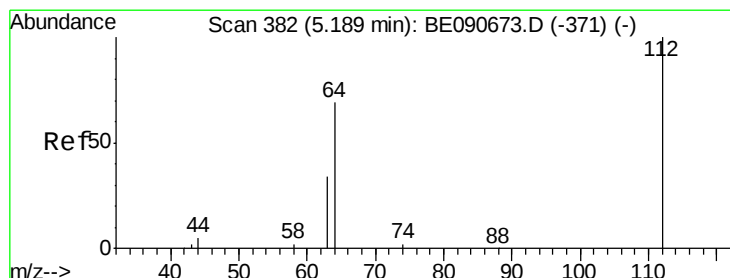
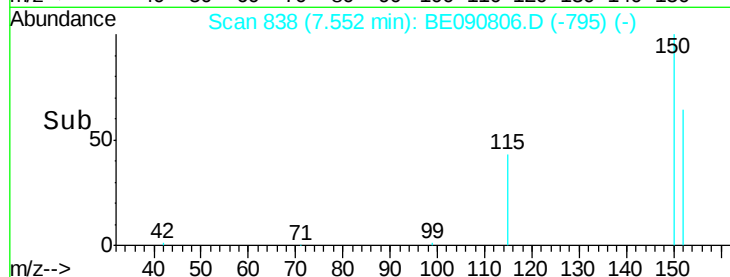
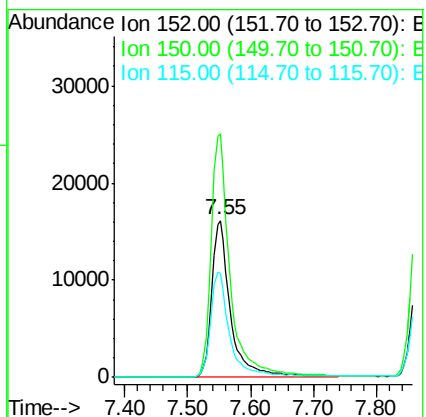
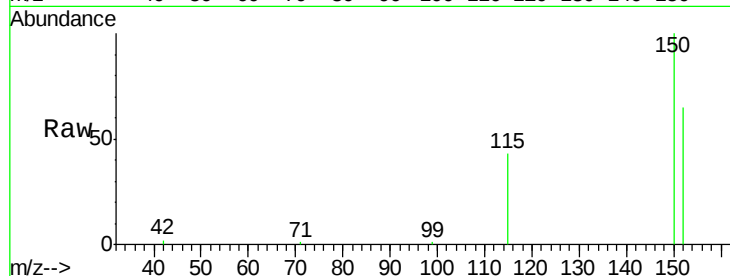
Tgt Ion:152 Resp: 33204

Ion Ratio Lower Upper

152 100

150 155.0 122.2 183.4

115 66.3 51.0 76.4



#4

2-Fluorophenol

Concen: 2.81 ng

RT: 5.18 min Scan# 381

Delta R.T. -0.01 min

Lab File: BE090806.D

Acq: 14 Sep 2015 19:43

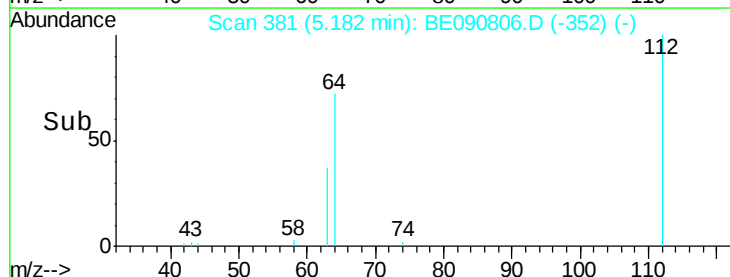
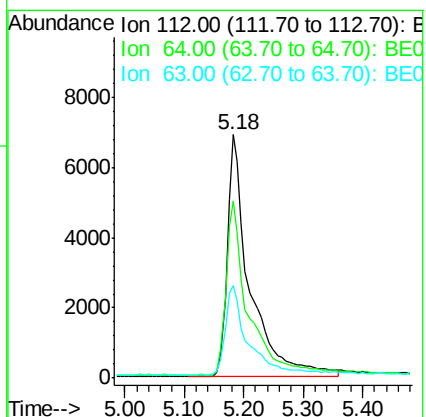
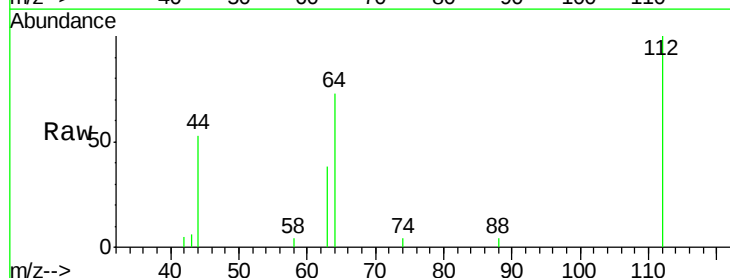
Tgt Ion:112 Resp: 18093

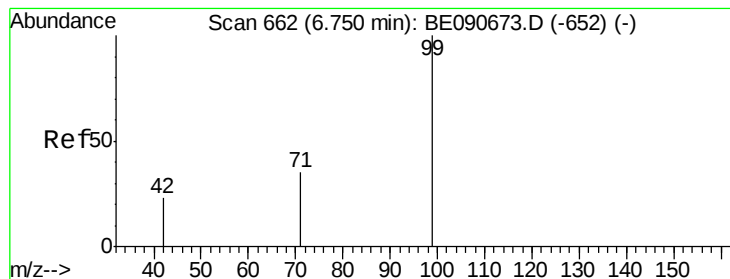
Ion Ratio Lower Upper

112 100

64 72.3 57.3 85.9

63 38.0 29.2 43.8





#5

Phenol-d6

Concen: 1.49 ng

RT: 6.75 min Scan# 663

Delta R.T. 0.00 min

Lab File: BE090806.D

Acq: 14 Sep 2015 19:43

Instrument :

BNA\_E

ClientSampleId :

091115-D534-E-U-B

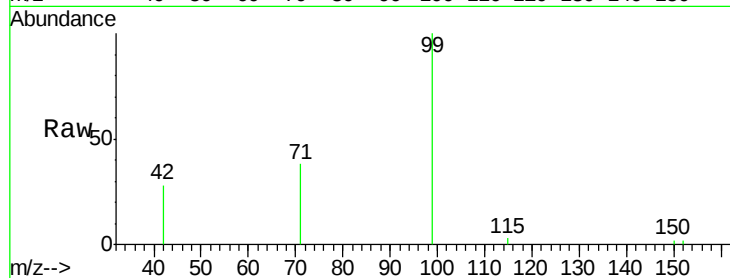
Tgt Ion: 99 Resp: 13804

Ion Ratio Lower Upper

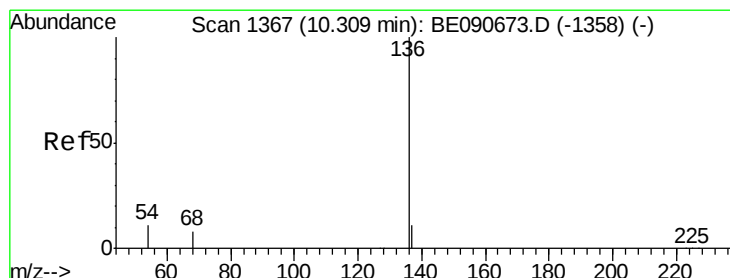
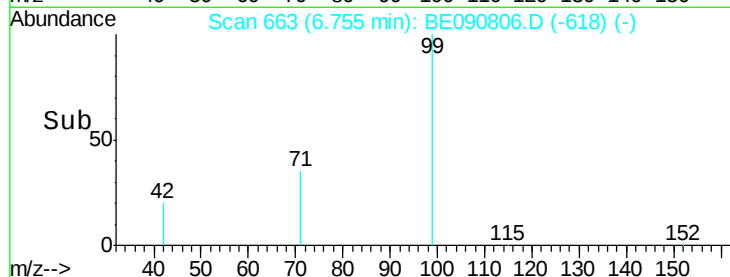
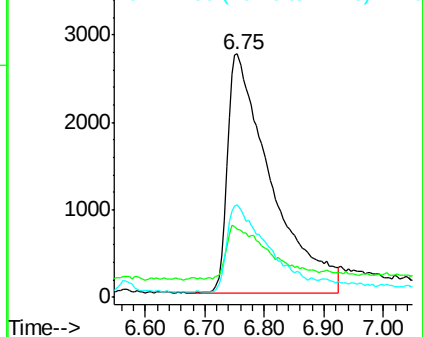
99 100

42 22.4 16.8 25.2

71 34.3 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: BE090806.D

Acq: 14 Sep 2015 19:43

Tgt Ion: 136 Resp: 140055

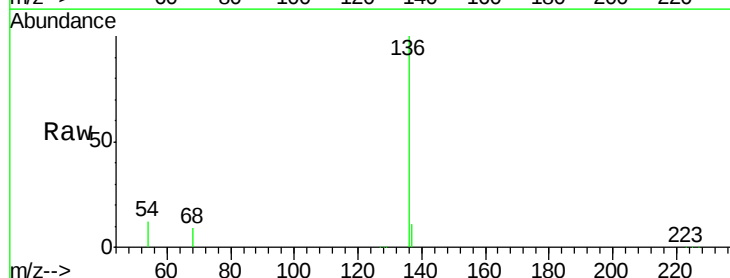
Ion Ratio Lower Upper

136 100

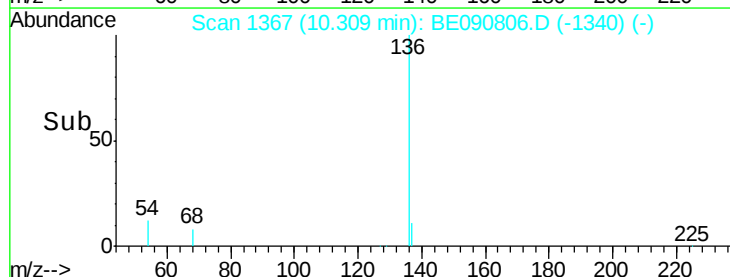
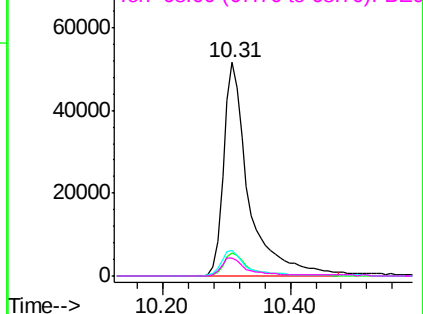
137 10.9 8.7 13.1

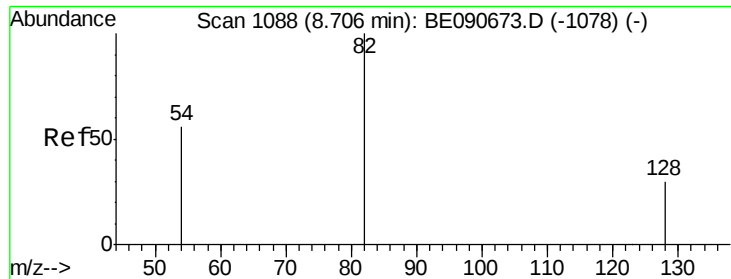
54 11.9 9.0 13.6

68 8.5 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: 3.63 ng

RT: 8.72 min Scan# 1090

Delta R.T. 0.01 min

Lab File: BE090806.D

Acq: 14 Sep 2015 19:43

Instrument :

BNA\_E

ClientSampleId :

091115-D534-E-U-B

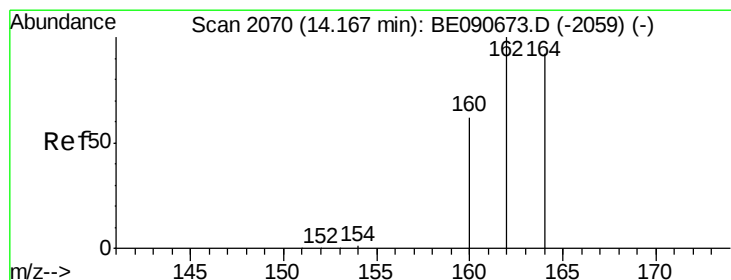
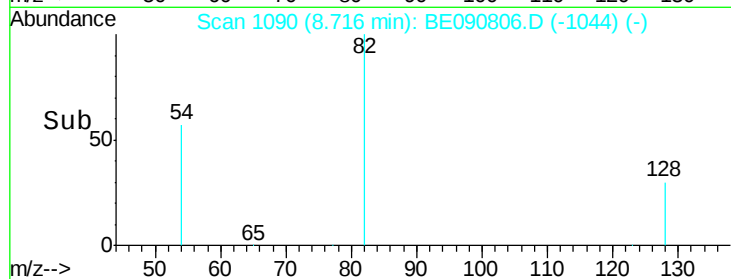
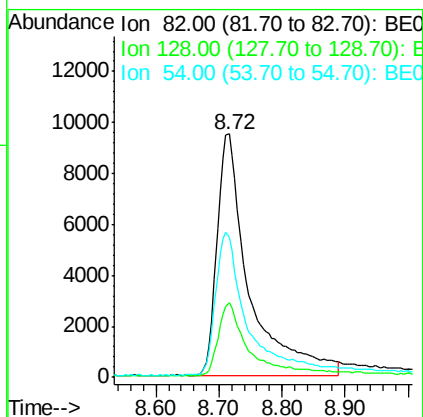
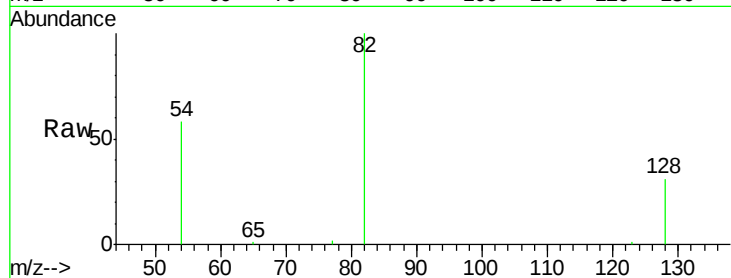
Tgt Ion: 82 Resp: 33616

Ion Ratio Lower Upper

82 100

128 30.7 25.0 37.4

54 57.6 46.3 69.5



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.17 min Scan# 2070

Delta R.T. 0.00 min

Lab File: BE090806.D

Acq: 14 Sep 2015 19:43

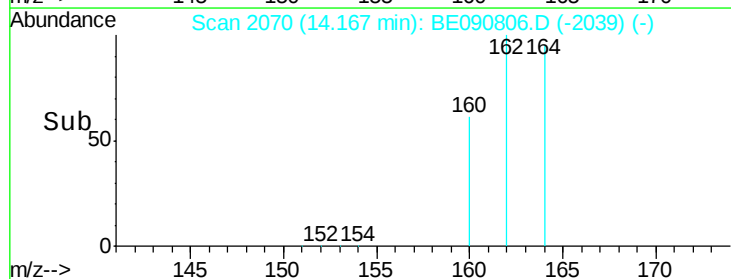
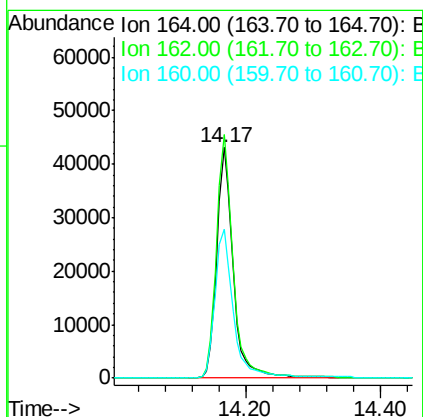
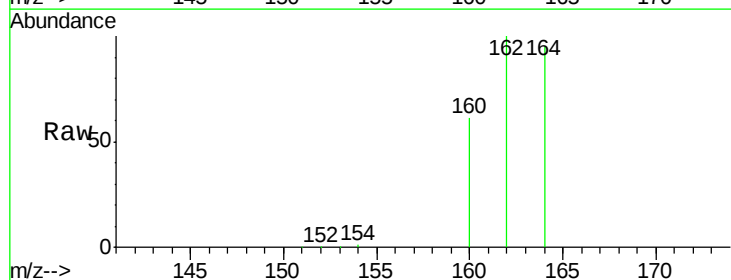
Tgt Ion: 164 Resp: 72423

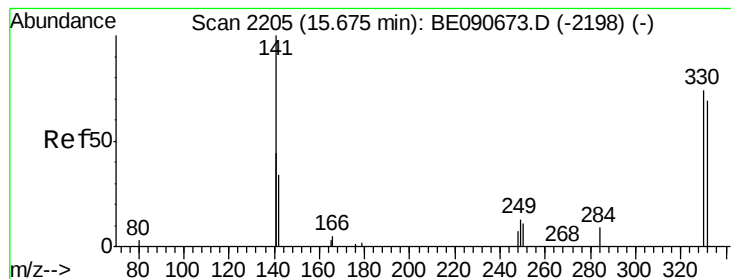
Ion Ratio Lower Upper

164 100

162 105.8 86.8 130.2

160 64.5 53.9 80.9





#13

2,4,6-Tribromophenol

Concen: 6.18 ng

RT: 15.67 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BE090806.D

Acq: 14 Sep 2015 19:43

Instrument :

BNA\_E

ClientSampleId :

091115-D534-E-U-B

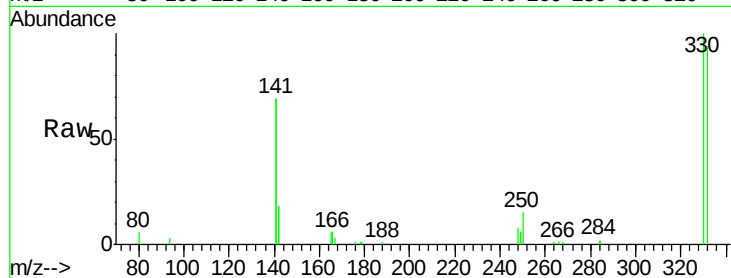
Tgt Ion:330 Resp: 13067

Ion Ratio Lower Upper

330 100

332 97.3 74.9 112.3

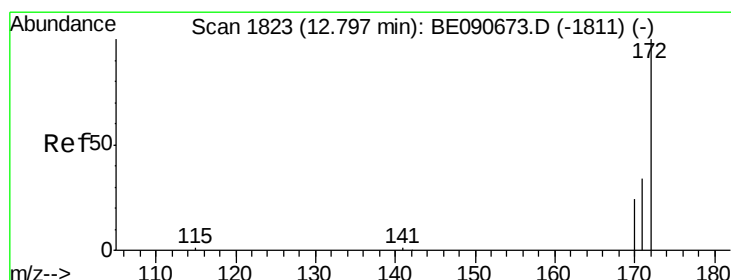
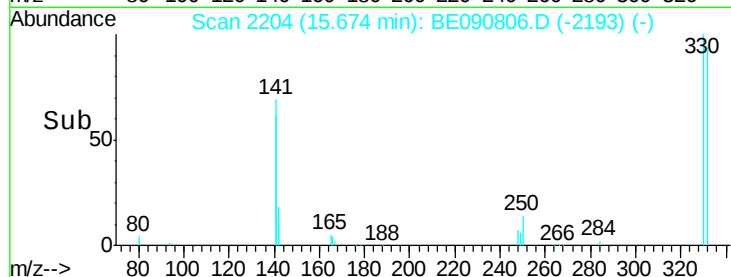
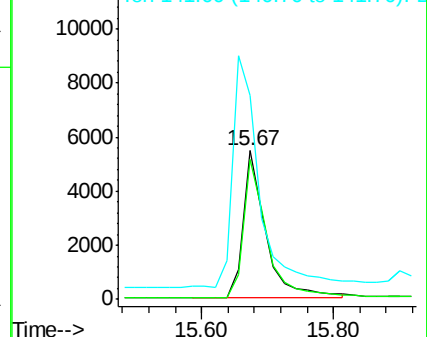
141 186.8 145.2 217.8



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



#14

2-Fluorobiphenyl

Concen: 4.02 ng

RT: 12.80 min Scan# 1823

Delta R.T. 0.00 min

Lab File: BE090806.D

Acq: 14 Sep 2015 19:43

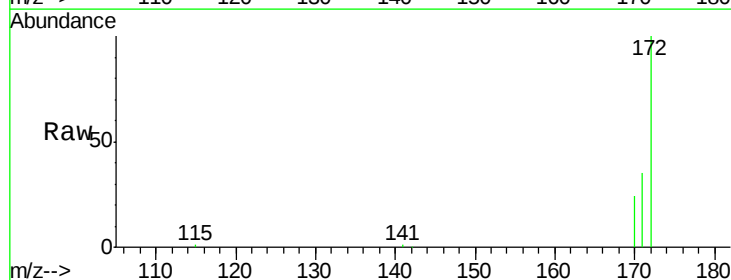
Tgt Ion:172 Resp: 80687

Ion Ratio Lower Upper

172 100

171 34.8 27.8 41.8

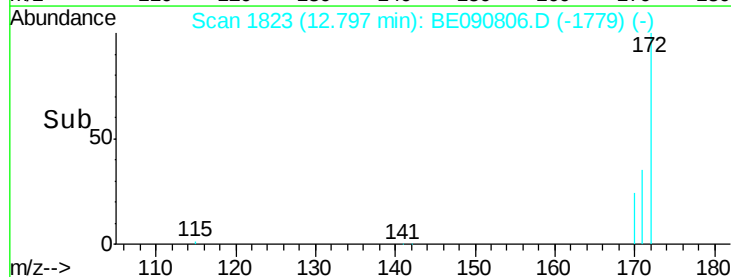
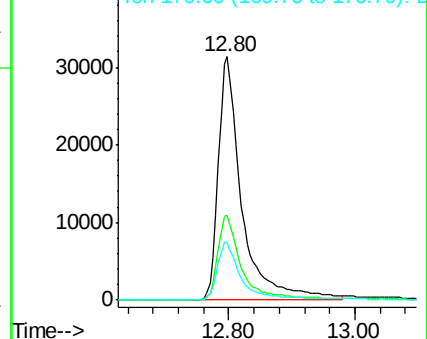
170 23.6 19.8 29.6

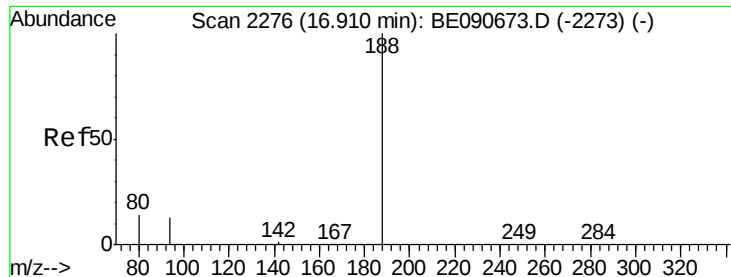


Abundance Ion 172.00 (171.70 to 172.70): E

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# 2275

Delta R.T. -0.00 min

Lab File: BE090806.D

Acq: 14 Sep 2015 19:43

Instrument :

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ClientSampleId :

091115-D534-E-U-B

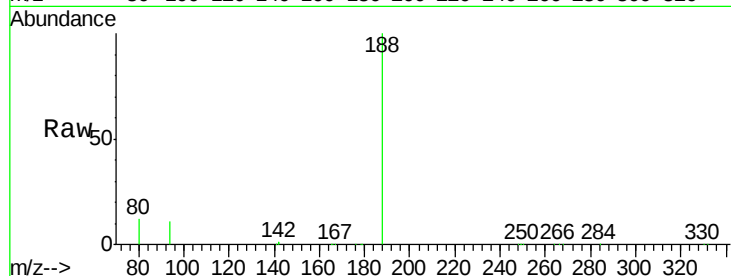
Tgt Ion:188 Resp: 186248

Ion Ratio Lower Upper

188 100

94 11.1 10.3 15.5

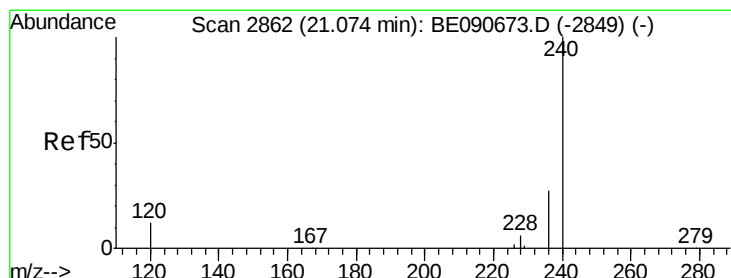
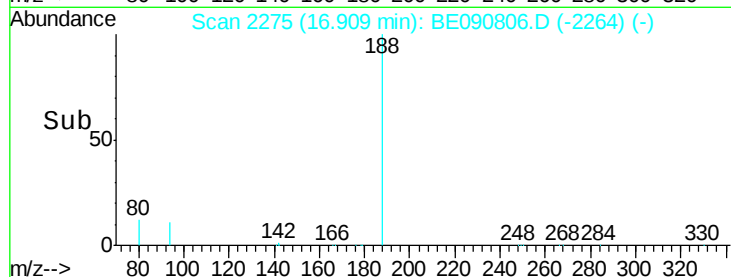
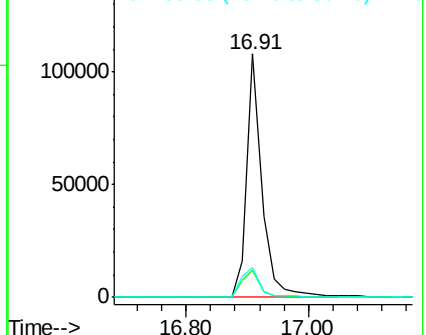
80 12.0 11.0 16.6



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



#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BE090806.D

Acq: 14 Sep 2015 19:43

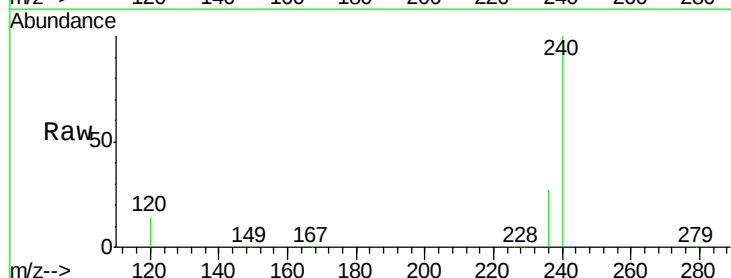
Tgt Ion:240 Resp: 239367

Ion Ratio Lower Upper

240 100

120 14.1 10.1 15.1

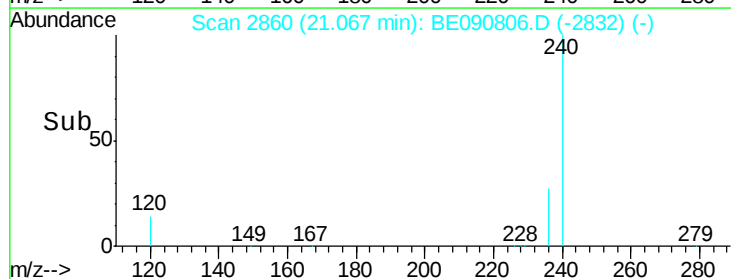
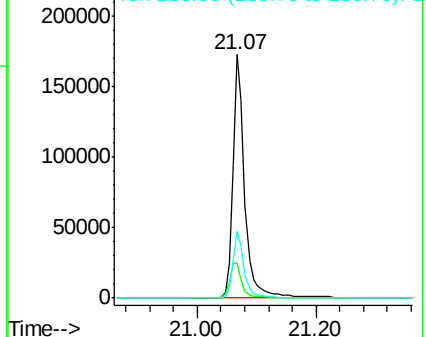
236 27.5 21.9 32.9

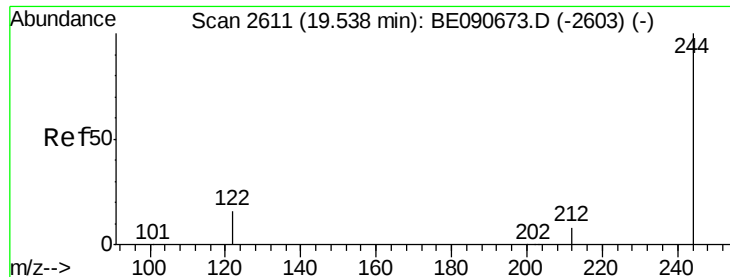


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

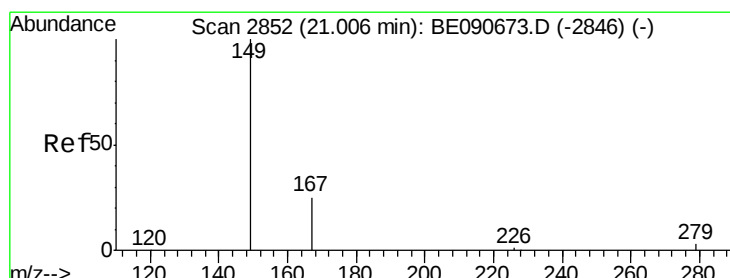
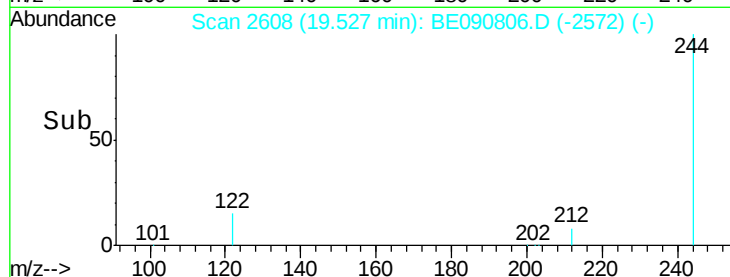
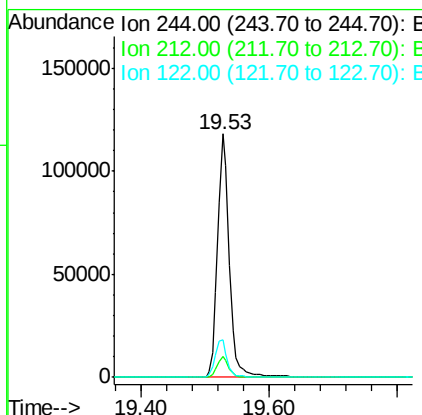
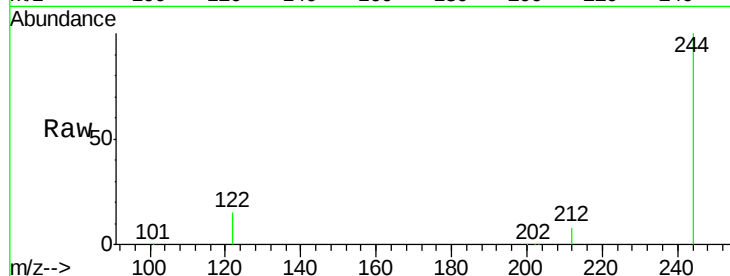




#27  
 Terphenyl-d14  
 Concen: 5.71 ng  
 RT: 19.53 min Scan# 2608  
 Delta R.T. -0.01 min  
 Lab File: BE090806.D  
 Acq: 14 Sep 2015 19:43

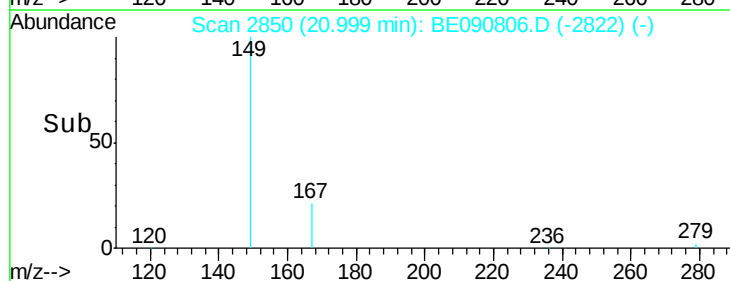
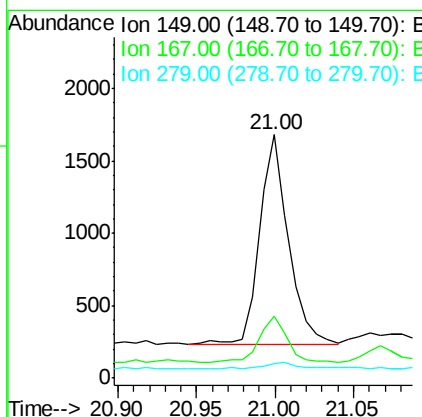
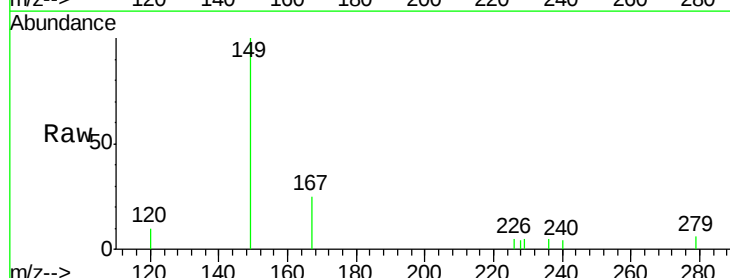
Instrument :  
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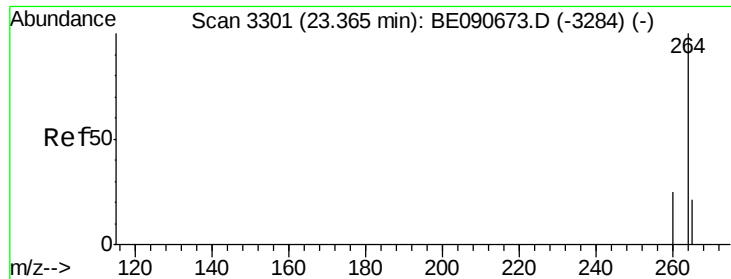
Tgt Ion: 244 Resp: 151307  
 Ion Ratio Lower Upper  
 244 100  
 212 8.4 6.9 10.3  
 122 15.3 12.9 19.3



#30  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.20 ng  
 RT: 21.00 min Scan# 2850  
 Delta R.T. -0.01 min  
 Lab File: BE090806.D  
 Acq: 14 Sep 2015 19:43

Tgt Ion: 149 Resp: 1862  
 Ion Ratio Lower Upper  
 149 100  
 167 21.1 20.1 30.1  
 279 3.2 2.3 3.5





#32

Perylene-d12

Concen: 5.00 ng

RT: 23.36 min Scan# 3298

Delta R.T. -0.01 min

Lab File: BE090806.D

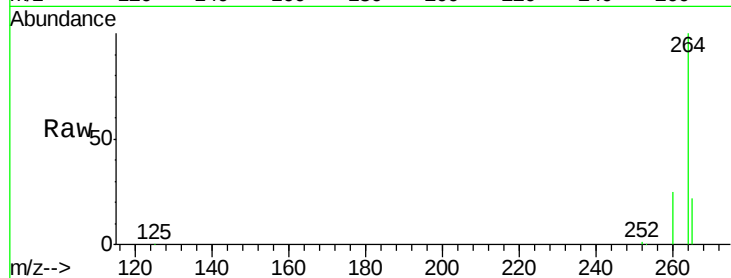
Acq: 14 Sep 2015 19:43

Instrument :

BNA\_E

ClientSampleId :

091115-D534-E-U-B



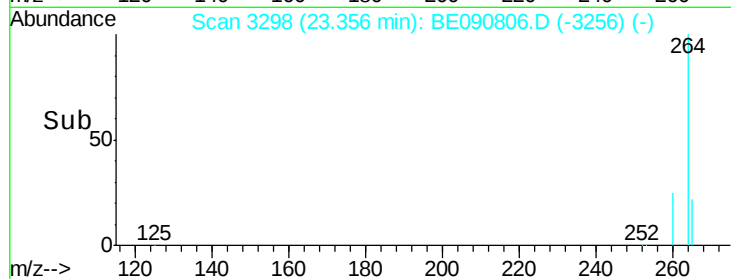
Tgt Ion: 264 Resp: 218343

Ion Ratio Lower Upper

264 100

260 24.9 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

