

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE061616\  
 Data File : BE091938.D  
 Acq On : 16 Jun 2016 15:59  
 Operator : UM/SJ  
 Sample : H3357-04  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 KY038PS037-160531

Quant Time: Jun 16 17:39:50 2016  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE061416.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 15 12:00:38 2016  
 Response via : Initial Calibration

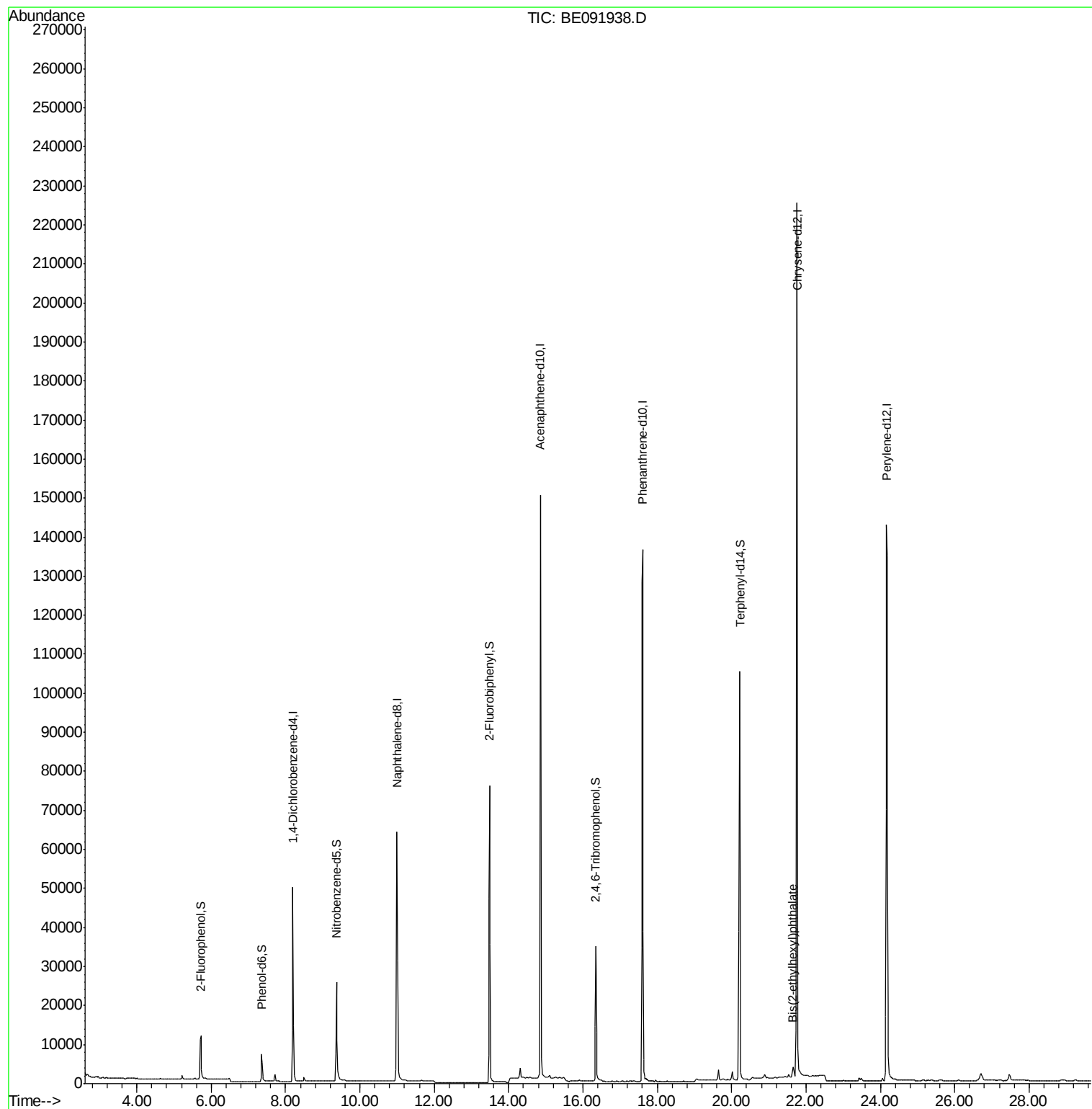
| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min)        |
|--------------------------------|-------|------|----------|------|-------|-----------------|
| 1) 1,4-Dichlorobenzene-d4      | 8.20  | 152  | 25456    | 5.00 | ng    | 0.00            |
| 8) Naphthalene-d8              | 10.99 | 136  | 117818   | 5.00 | ng    | 0.00            |
| 15) Acenaphthene-d10           | 14.86 | 164  | 92637    | 5.00 | ng    | 0.00            |
| 24) Phenanthrene-d10           | 17.61 | 188  | 198903   | 5.00 | ng    | 0.00            |
| 31) Chrysene-d12               | 21.76 | 240  | 308042   | 5.00 | ng    | 0.00            |
| 40) Perylene-d12               | 24.16 | 264  | 221047   | 5.00 | ng    | -0.01           |
| System Monitoring Compounds    |       |      |          |      |       |                 |
| 4) 2-Fluorophenol              | 5.72  | 112  | 12565    | 2.53 | ng    | 0.00            |
| 5) Phenol-d6                   | 7.35  | 99   | 10180    | 1.36 | ng    | 0.00            |
| 9) Nitrobenzene-d5             | 9.37  | 82   | 25473    | 3.13 | ng    | 0.00            |
| 16) 2,4,6-Tribromophenol       | 16.35 | 330  | 17529    | 7.28 | ng    | 0.00            |
| 17) 2-Fluorobiphenyl           | 13.49 | 172  | 78427    | 3.33 | ng    | 0.00            |
| 34) Terphenyl-d14              | 20.22 | 244  | 157300   | 4.17 | ng    | 0.00            |
| Target Compounds               |       |      |          |      |       |                 |
| 38) Bis(2-ethylhexyl)phthalate | 21.64 | 149  | 6873     | 0.15 | ng    | Qvalue<br># 100 |

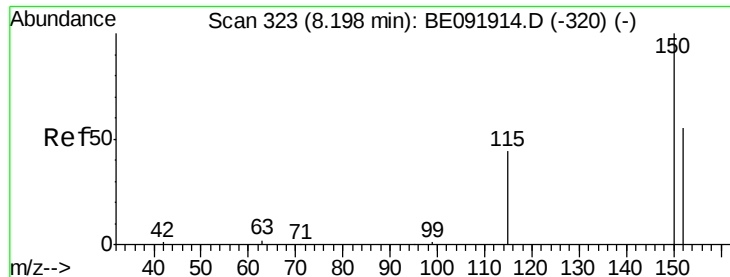
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE061616\  
Data File : BE091938.D  
Acq On : 16 Jun 2016 15:59  
Operator : UM/SJ  
Sample : H3357-04  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
KY038PS037-160531

Quant Time: Jun 16 17:39:50 2016  
Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE061416.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jun 15 12:00:38 2016  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.20 min Scan# 323

Delta R.T. -0.00 min

Lab File: BE091938.D

Acq: 16 Jun 2016 15:59

Instrument :

BNA\_E

ClientSampleId :

KY038PS037-160531

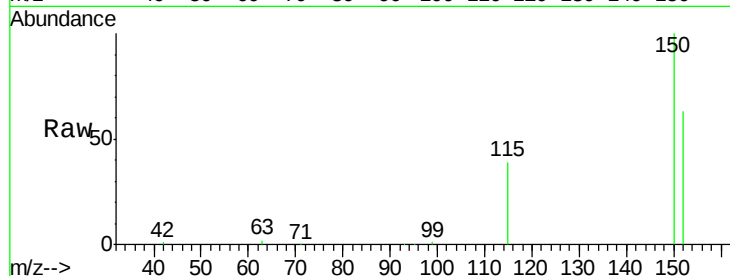
Tgt Ion:152 Resp: 25456

Ion Ratio Lower Upper

152 100

150 158.0 123.9 185.9

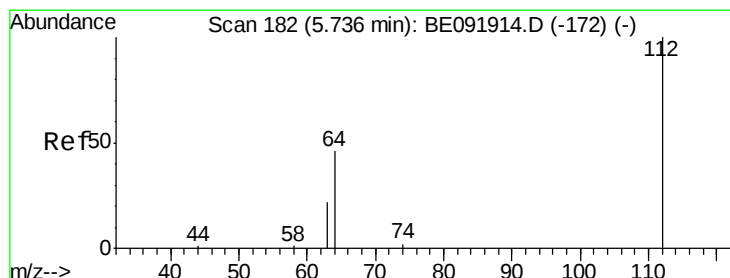
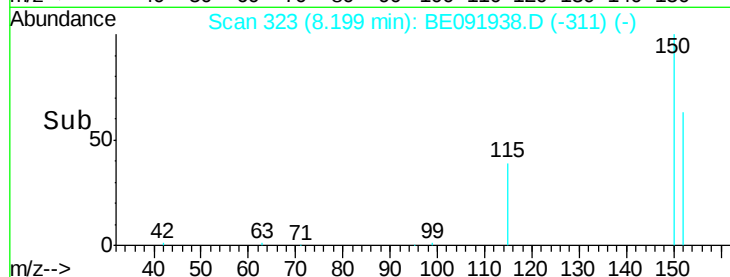
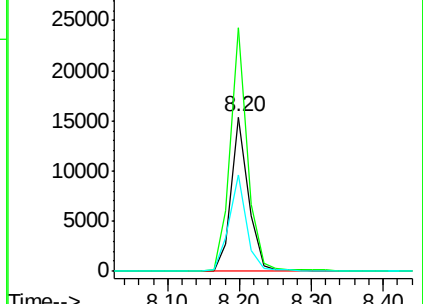
115 62.3 48.3 72.5



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: 2.53 ng

RT: 5.72 min Scan# 181

Delta R.T. 0.00 min

Lab File: BE091938.D

Acq: 16 Jun 2016 15:59

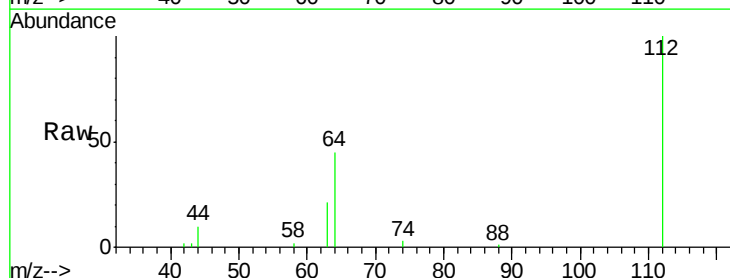
Tgt Ion:112 Resp: 12565

Ion Ratio Lower Upper

112 100

64 67.9 53.7 80.5

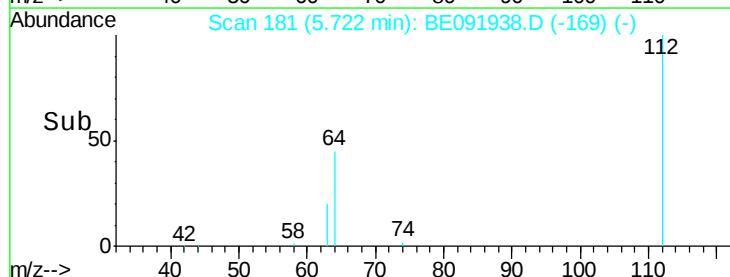
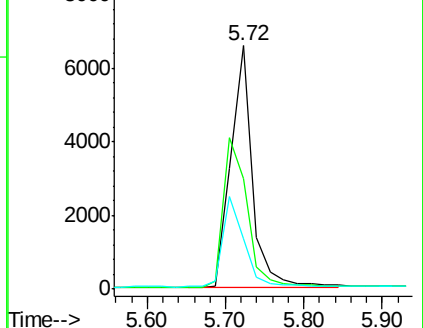
63 36.9 29.5 44.3

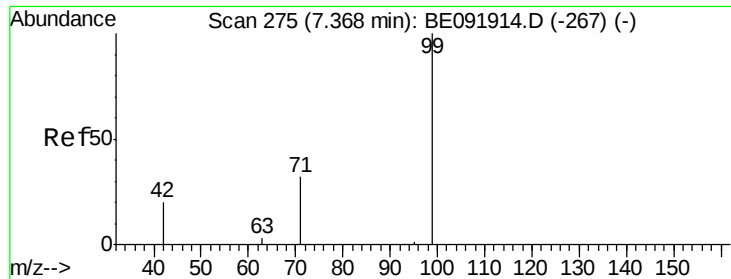


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.36 ng

RT: 7.35 min Scan# 274

Delta R.T. -0.00 min

Lab File: BE091938.D

Acq: 16 Jun 2016 15:59

Instrument :

BNA\_E

ClientSampleId :

KY038PS037-160531

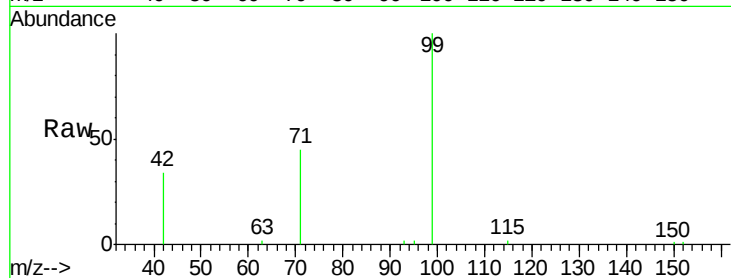
Tgt Ion: 99 Resp: 10180

Ion Ratio Lower Upper

99 100

42 24.9 19.6 29.4

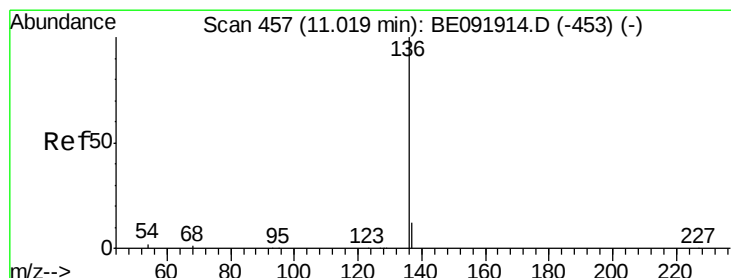
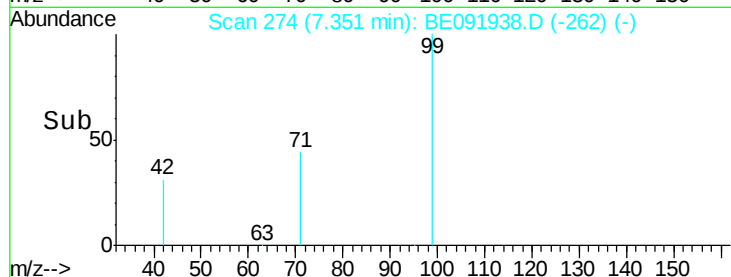
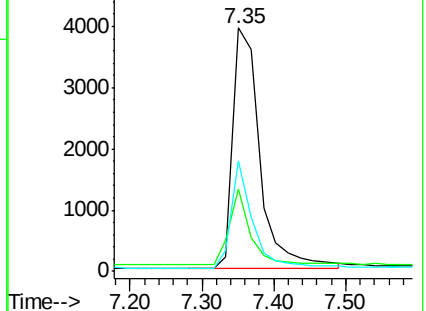
71 35.5 28.1 42.1



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



#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.99 min Scan# 456

Delta R.T. 0.00 min

Lab File: BE091938.D

Acq: 16 Jun 2016 15:59

Tgt Ion: 136 Resp: 117818

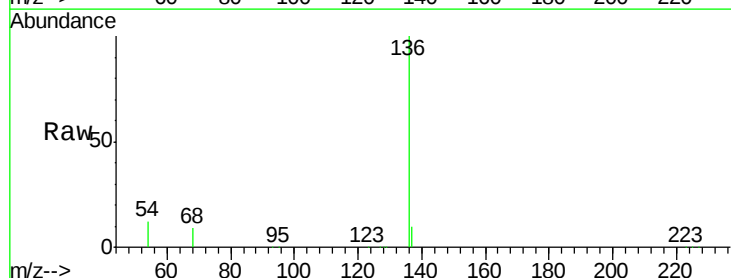
Ion Ratio Lower Upper

136 100

137 9.9 8.3 12.5

54 12.4 8.2 12.4#

68 8.9 5.9 8.9#

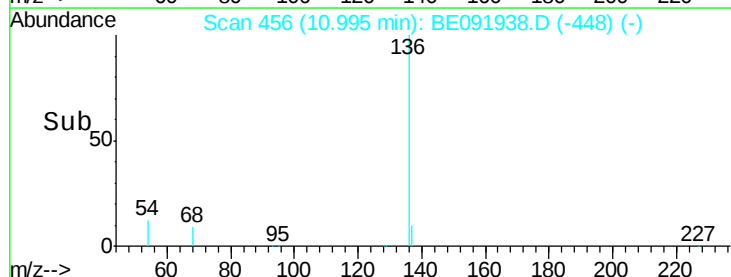
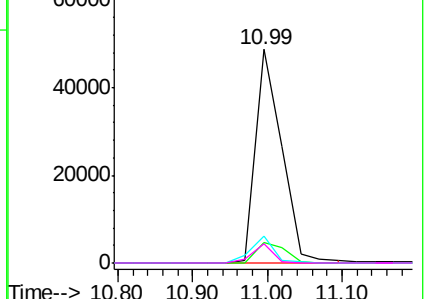


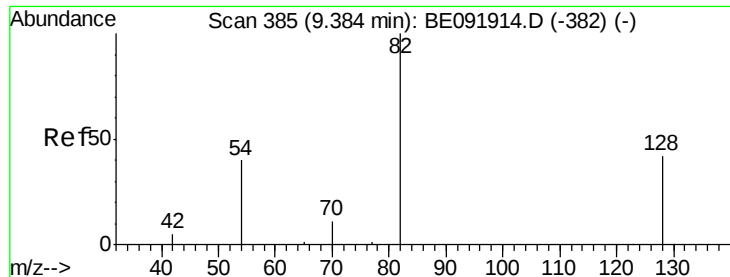
Abundance Ion 136.00 (135.70 to 136.70): E

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





#9

Nitrobenzene-d5

Concen: 3.13 ng

RT: 9.37 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE091938.D

Acq: 16 Jun 2016 15:59

Instrument :

BNA\_E

ClientSampleId :

KY038PS037-160531

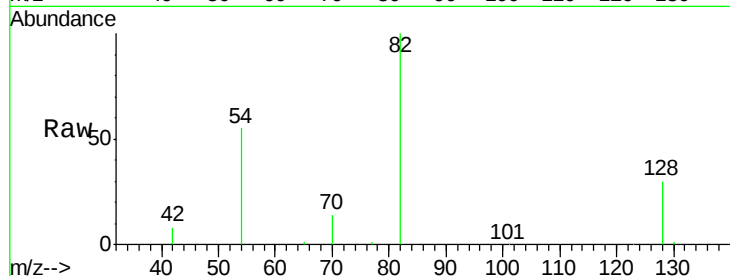
Tgt Ion: 82 Resp: 25473

Ion Ratio Lower Upper

82 100

128 30.1 39.5 59.3#

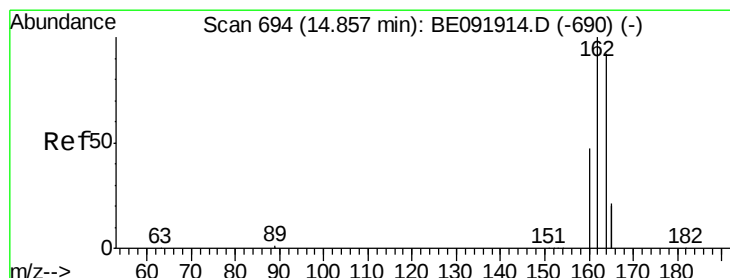
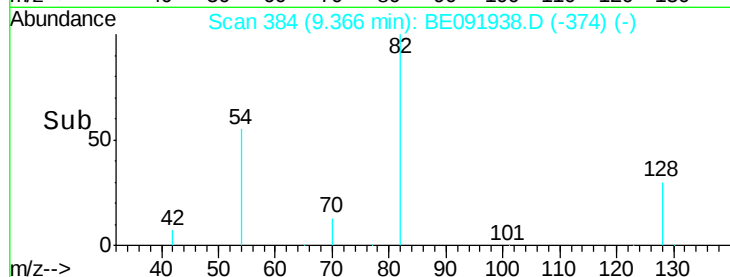
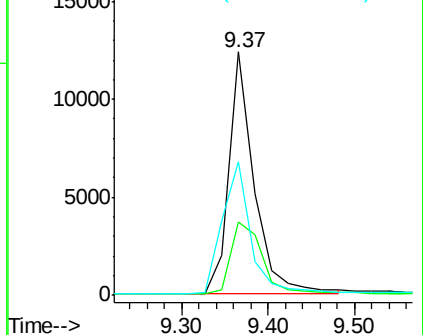
54 54.9 30.3 45.5#



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



#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.86 min Scan# 694

Delta R.T. -0.00 min

Lab File: BE091938.D

Acq: 16 Jun 2016 15:59

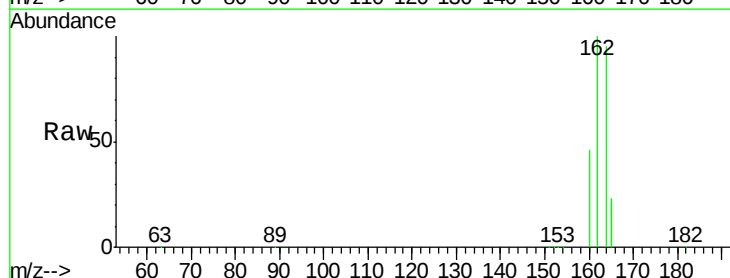
Tgt Ion: 164 Resp: 92637

Ion Ratio Lower Upper

164 100

162 105.8 71.8 107.8

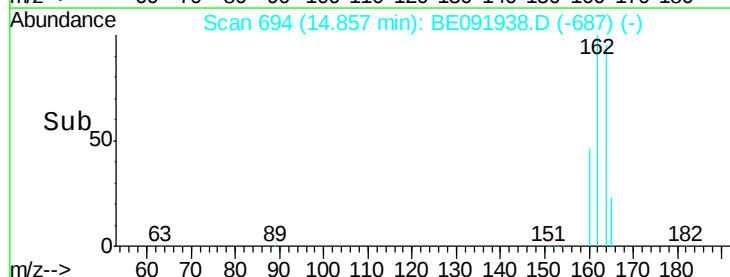
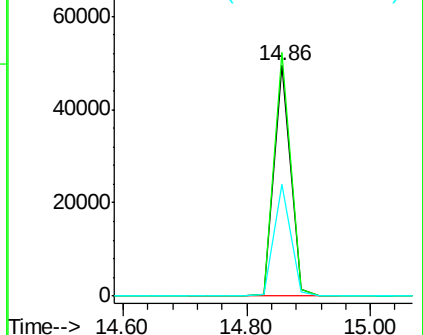
160 48.5 28.0 42.0#

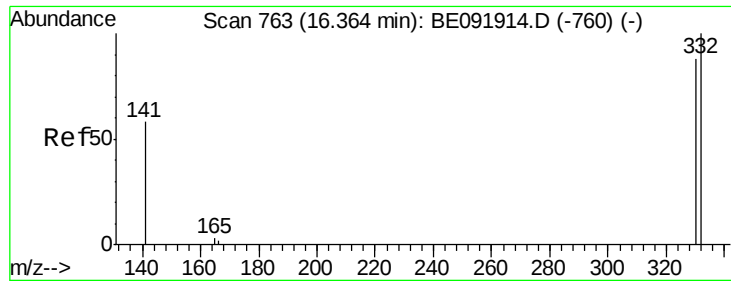


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

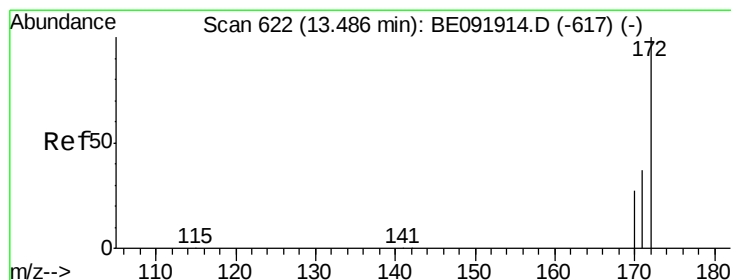
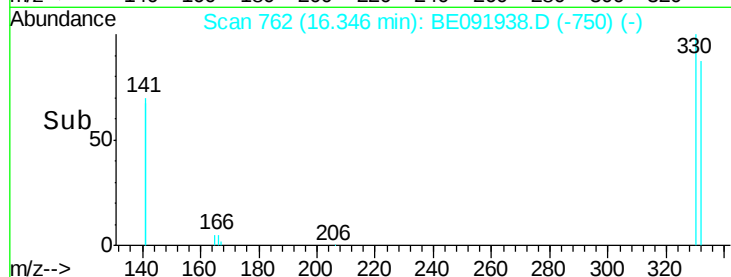
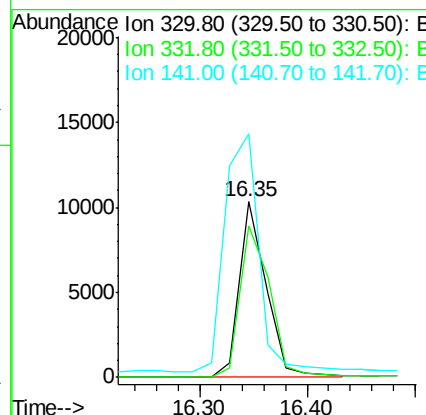
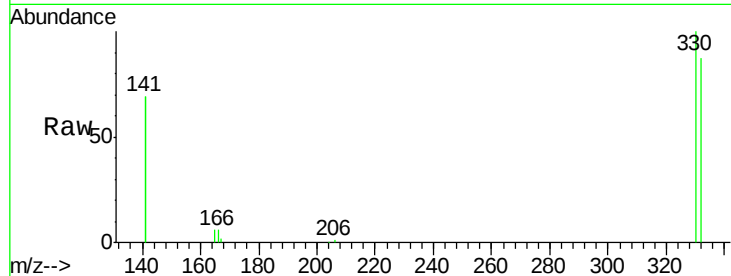




#16  
 2,4,6-Tribromophenol  
 Concen: 7.28 ng  
 RT: 16.35 min Scan# 762  
 Delta R.T. -0.00 min  
 Lab File: BE091938.D  
 Acq: 16 Jun 2016 15:59

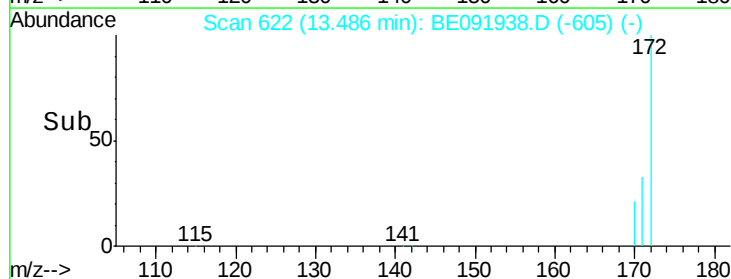
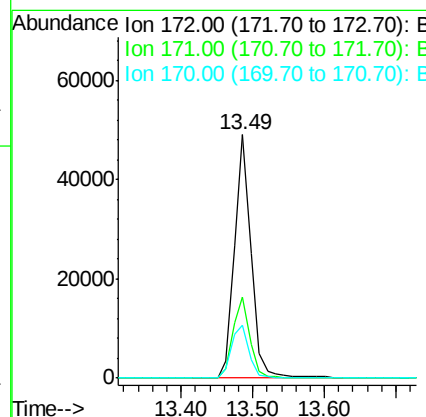
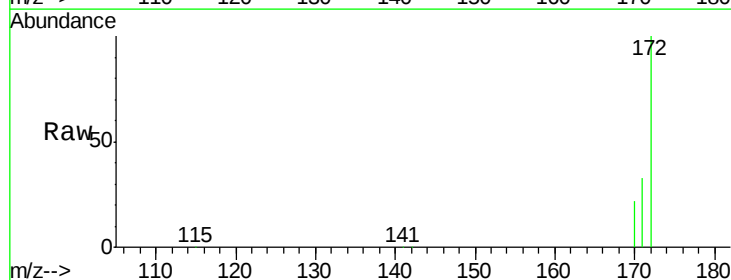
Instrument :  
 BNA\_E  
 ClientSampleId :  
 KY038PS037-160531

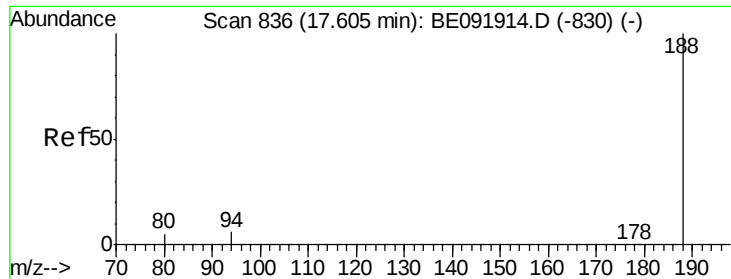
Tgt Ion:330 Resp: 17529  
 Ion Ratio Lower Upper  
 330 100  
 332 96.4 77.0 115.6  
 141 173.7 138.4 207.6



#17  
 2-Fluorobiphenyl  
 Concen: 3.33 ng  
 RT: 13.49 min Scan# 622  
 Delta R.T. 0.00 min  
 Lab File: BE091938.D  
 Acq: 16 Jun 2016 15:59

Tgt Ion:172 Resp: 78427  
 Ion Ratio Lower Upper  
 172 100  
 171 33.4 24.3 36.5  
 170 21.5 14.9 22.3

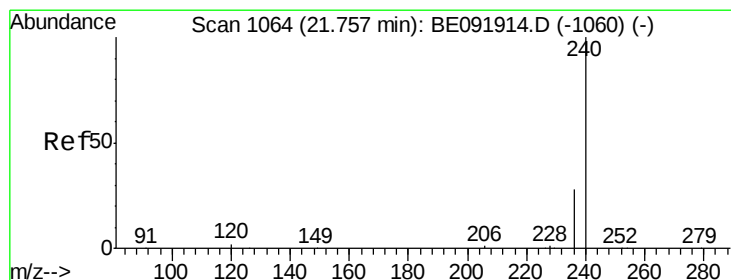
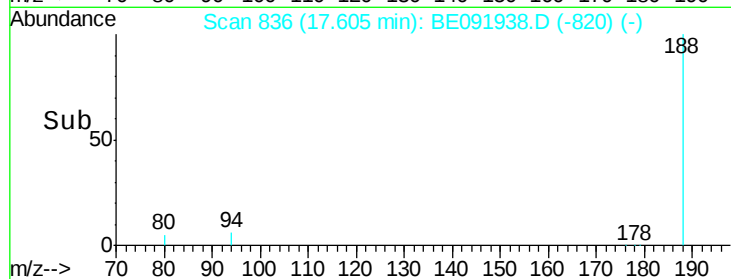
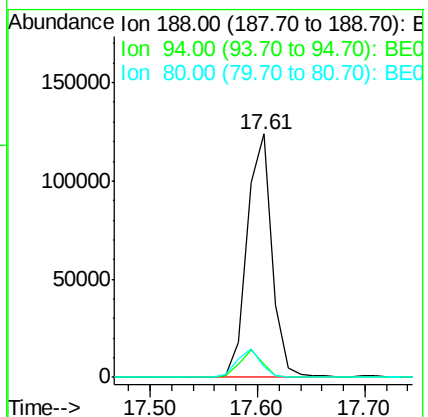
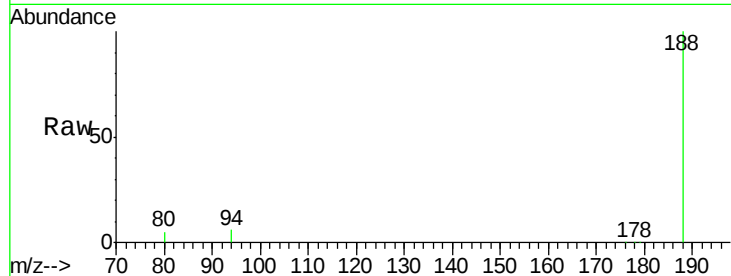




#24  
Phenanthrene-d10  
Concen: 5.00 ng  
RT: 17.61 min Scan# 836  
Delta R.T. -0.00 min  
Lab File: BE091938.D  
Acq: 16 Jun 2016 15:59

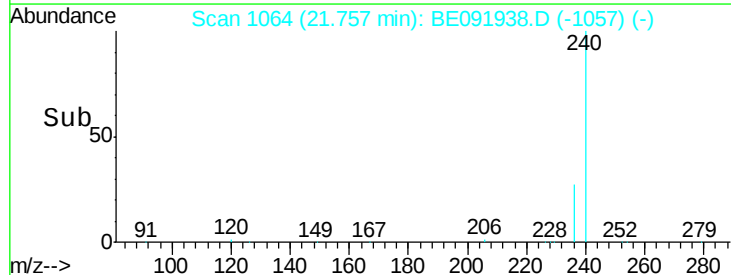
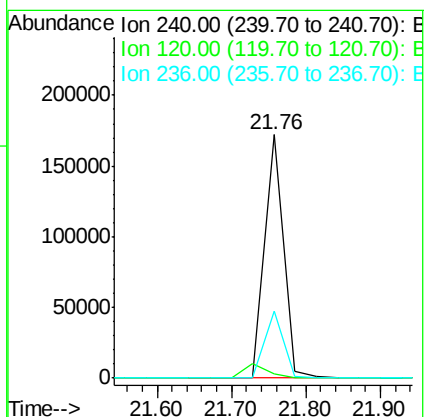
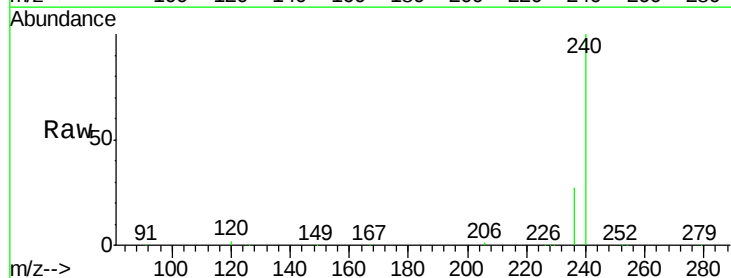
Instrument :  
BNA\_E  
ClientSampleId :  
KY038PS037-160531

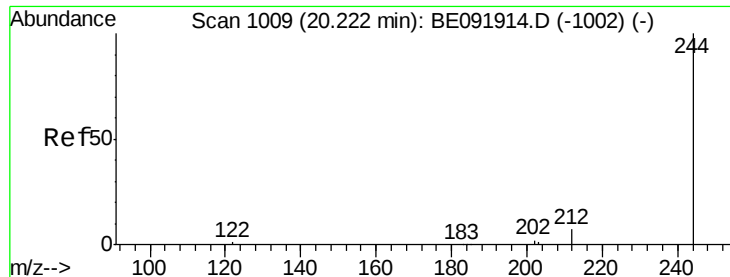
Tgt Ion:188 Resp: 198903  
Ion Ratio Lower Upper  
188 100  
94 5.5 4.1 6.1  
80 4.6 3.4 5.2



#31  
Chrysene-d12  
Concen: 5.00 ng  
RT: 21.76 min Scan# 1064  
Delta R.T. 0.00 min  
Lab File: BE091938.D  
Acq: 16 Jun 2016 15:59

Tgt Ion:240 Resp: 308042  
Ion Ratio Lower Upper  
240 100  
120 1.5 1.2 1.8  
236 27.5 19.8 29.8





#34

Terphenyl-d14

Concen: 4.17 ng

RT: 20.22 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BE091938.D

Acq: 16 Jun 2016 15:59

Instrument :

BNA\_E

ClientSampleId :

KY038PS037-160531

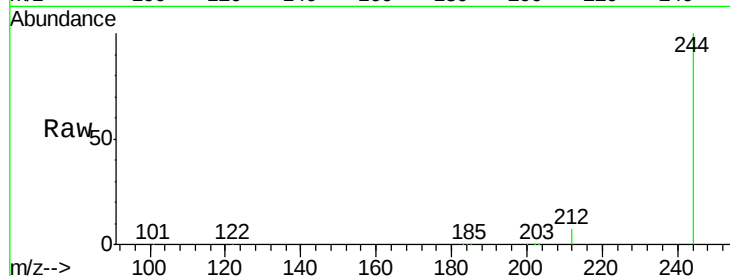
Tgt Ion:244 Resp: 157300

Ion Ratio Lower Upper

244 100

212 6.8 6.5 9.7

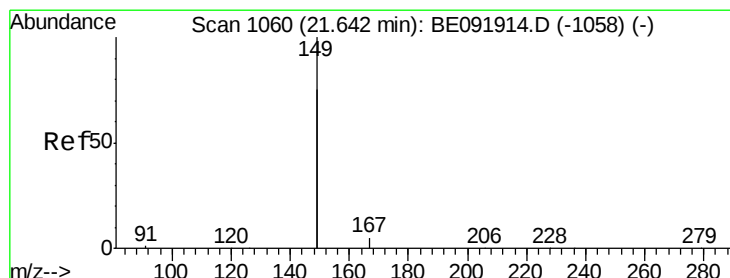
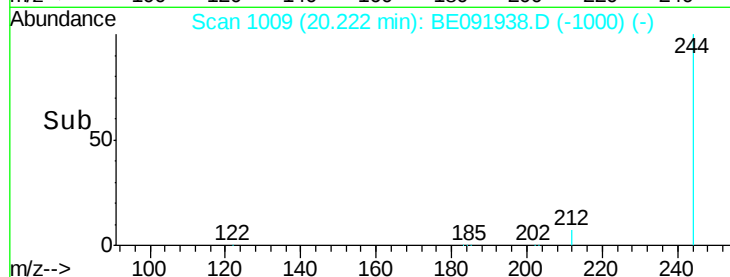
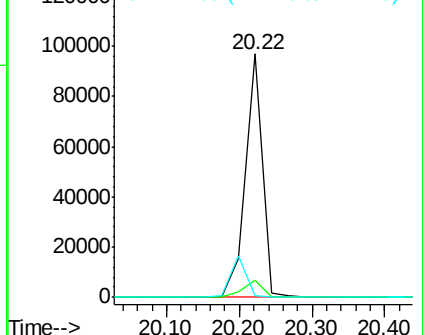
122 0.5 2.9 4.3#



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



#38

Bis(2-ethylhexyl)phthalate

Concen: 0.15 ng

RT: 21.64 min Scan# 1060

Delta R.T. -0.03 min

Lab File: BE091938.D

Acq: 16 Jun 2016 15:59

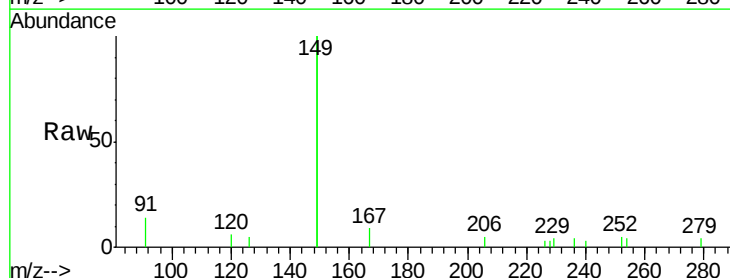
Tgt Ion:149 Resp: 6873

Ion Ratio Lower Upper

149 100

167 0.0 0.0 0.0

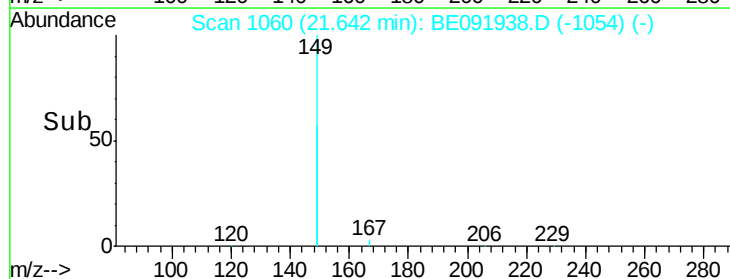
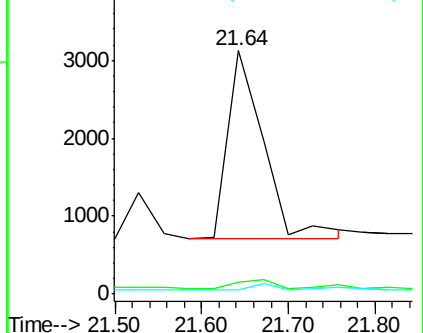
279 0.0 0.0 0.0

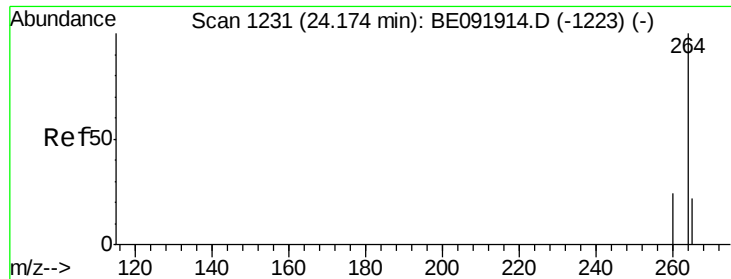


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#40

Perylene-d12

Concen: 5.00 ng

RT: 24.16 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BE091938.D

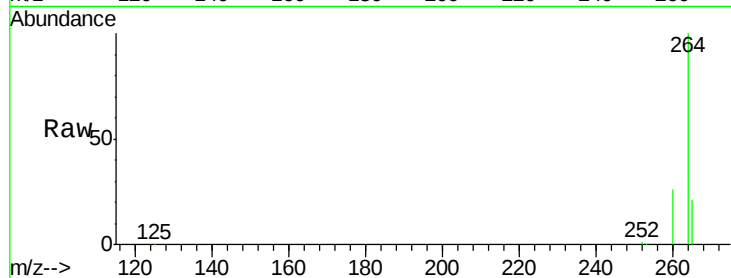
Acq: 16 Jun 2016 15:59

Instrument :

BNA\_E

ClientSampleId :

KY038PS037-160531



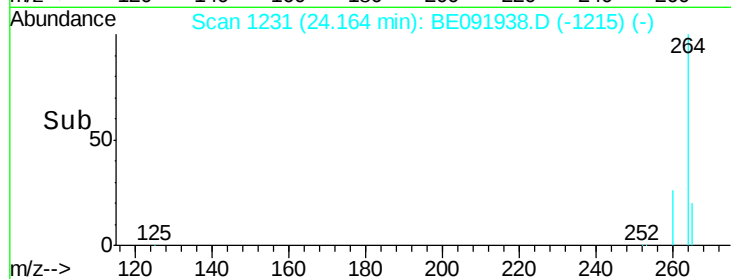
Tgt Ion:264 Resp: 221047

Ion Ratio Lower Upper

264 100

260 26.3 20.3 30.5

265 20.7 17.6 26.4



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

