

Data Path : Z:\HPCHEM1\BNA E\DATA\BE043018\  
 Data File : BE096245.D  
 Acq On : 1 May 2018 5:08  
 Operator : SJ/JU  
 Sample : J2600-18  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 BP-DUP02-20180425

Quant Time: May 01 07:14:02 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 30 14:27:29 2018  
 Response via : Initial Calibration

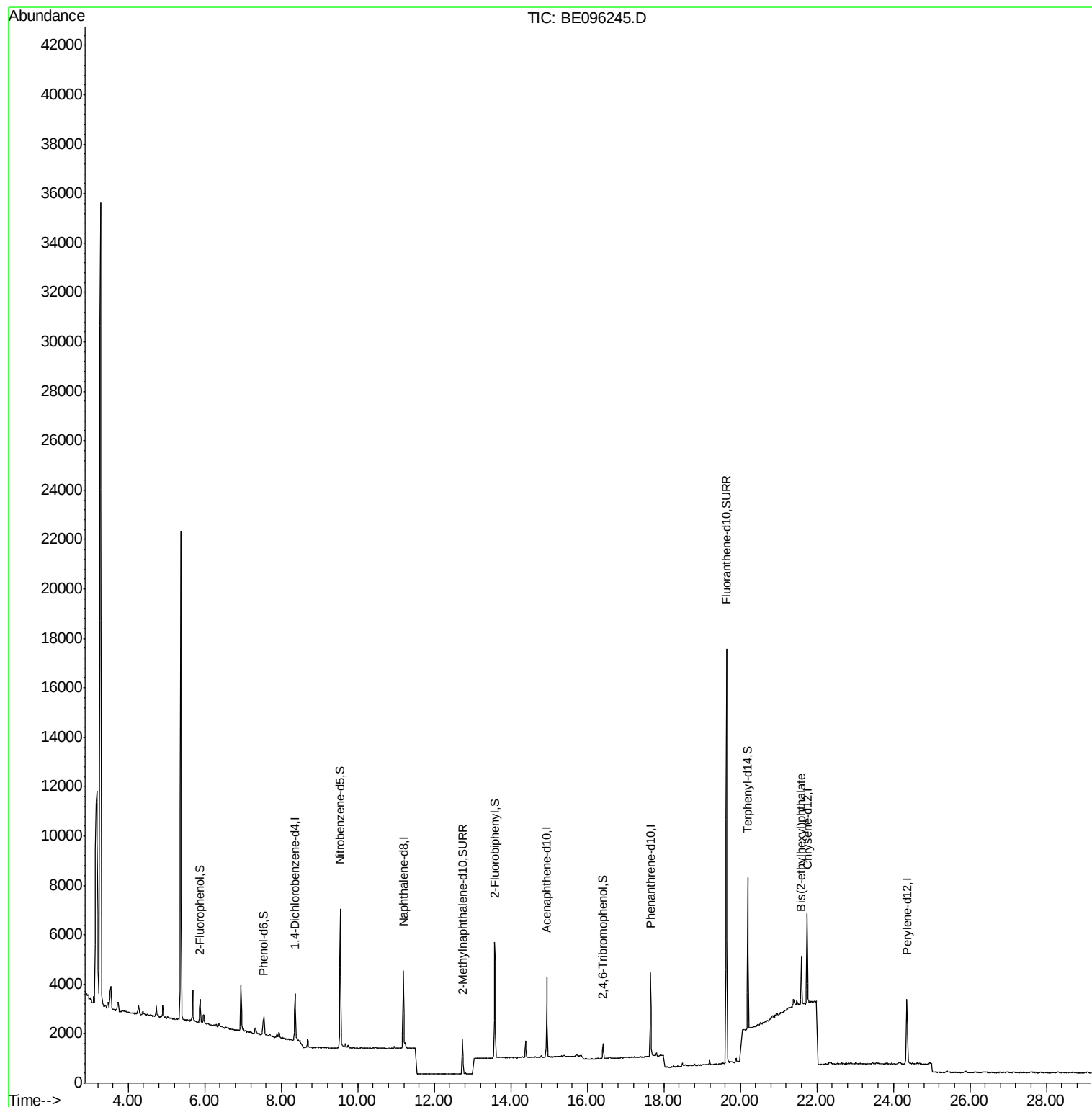
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min)       |
|--------------------------------|-------|------|----------|-------|-------|----------------|
| 1) 1,4-Dichlorobenzene-d4      | 8.36  | 152  | 928      | 0.40  | ng    | 0.00           |
| 7) Naphthalene-d8              | 11.19 | 136  | 3478     | 0.40  | ng    | 0.00           |
| 13) Acenaphthene-d10           | 14.94 | 164  | 1864     | 0.40  | ng    | 0.00           |
| 19) Phenanthrene-d10           | 17.65 | 188  | 4383     | 0.40  | ng    | 0.00           |
| 27) Chrysene-d12               | 21.75 | 240  | 4253     | 0.40  | ng    | 0.01           |
| 34) Perylene-d12               | 24.35 | 264  | 4099     | 0.40  | ng    | 0.00           |
| System Monitoring Compounds    |       |      |          |       |       |                |
| 4) 2-Fluorophenol              | 5.87  | 112  | 469      | 0.16  | ng    | 0.01           |
| 5) Phenol-d6                   | 7.52  | 99   | 393      | 0.10  | ng    | 0.01           |
| 8) Nitrobenzene-d5             | 9.54  | 82   | 2149     | 0.53  | ng    | 0.00           |
| 11) 2-Methylnaphthalene-d10    | 12.73 | 152  | 1960     | 0.36  | ng    | 0.00           |
| 14) 2,4,6-Tribromophenol       | 16.41 | 330  | 323      | 0.36  | ng    | 0.00           |
| 15) 2-Fluorobiphenyl           | 13.57 | 172  | 4536     | 0.57  | ng    | 0.00           |
| 25) Fluoranthene-d10           | 19.64 | 212  | 21835    | 0.37  | ng    | 0.00           |
| 29) Terphenyl-d14              | 20.19 | 244  | 5548     | 0.59  | ng    | 0.00           |
| Target Compounds               |       |      |          |       |       |                |
| 32) Bis(2-ethylhexyl)phthalate | 21.60 | 149  | 2330     | 0.066 | ng    | Qvalue<br># 97 |

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

Data Path : Z:\HPCHEM1\BNA E\DATA\BE043018\  
Data File : BE096245.D  
Acq On : 1 May 2018 5:08  
Operator : SJ/JU  
Sample : J2600-18  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
BP-DUP02-20180425

Quant Time: May 01 07:14:02 2018  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE041118.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Apr 30 14:27:29 2018  
Response via : Initial Calibration



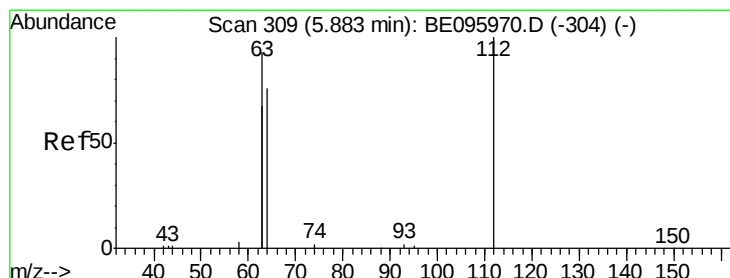
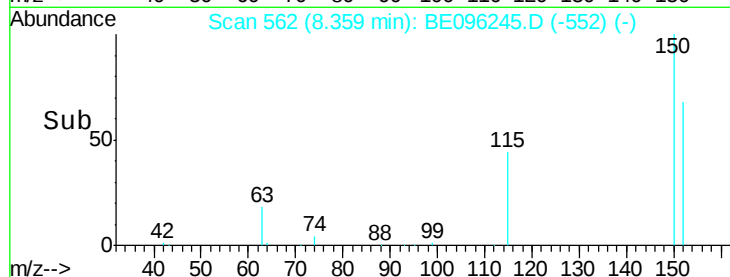
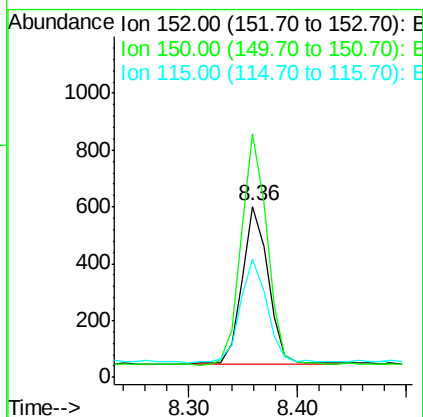
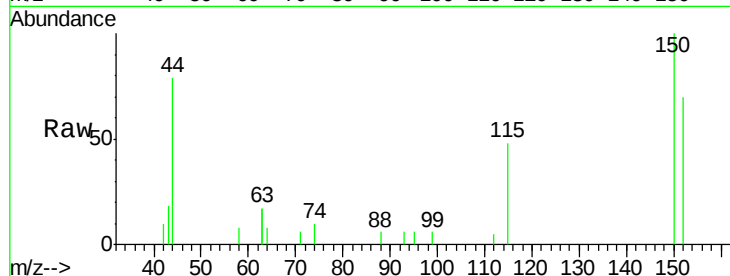


#1

1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.36 min Scan# 562  
 Delta R.T. 0.00 min  
 Lab File: BE096245.D  
 Acq: 1 May 2018 5:08

Instrument :  
 BNA\_E  
 ClientSampleId :  
 BP-DUP02-20180425

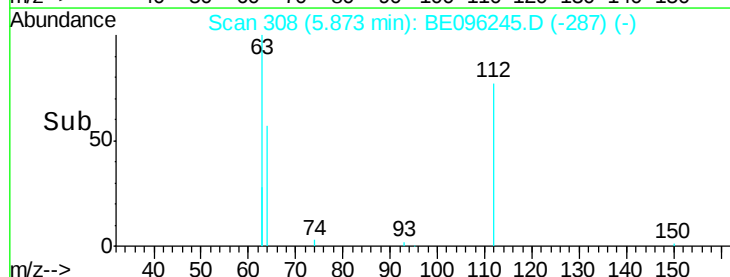
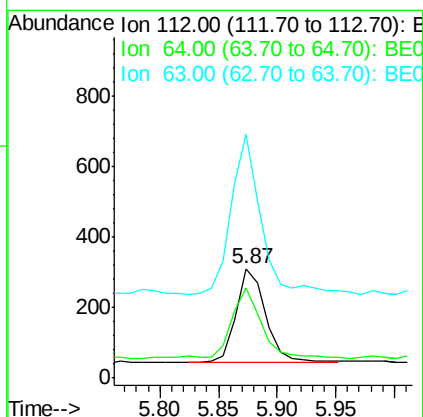
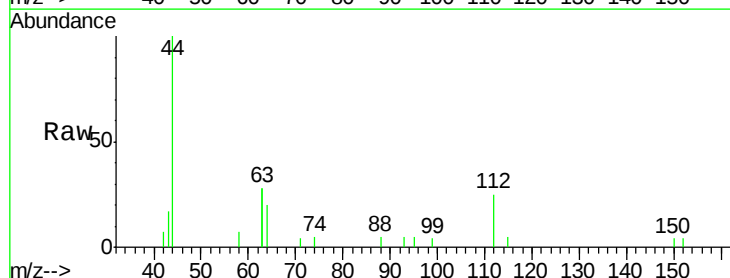
Tot Ion:152 Resp: 928  
 Ion Ratio Lower Upper  
 152 100  
 150 142.6 117.2 175.8  
 115 68.9 57.0 85.6



#4

2-Fluorophenol  
 Concen: 0.163 ng  
 RT: 5.87 min Scan# 308  
 Delta R.T. 0.01 min  
 Lab File: BE096245.D  
 Acq: 1 May 2018 5:08

Tgt Ion:112 Resp: 469  
 Ion Ratio Lower Upper  
 112 100  
 64 78.5 60.1 90.1  
 63 174.8 116.8 175.2





#5

Phenol-d6

Concen: 0.099 ng

RT: 7.52 min Scan# 476

Delta R.T. 0.01 min

Lab File: BE096245.D

Acq: 1 May 2018 5:08

Instrument :

BNA\_E

ClientSampleId :

BP-DUP02-20180425

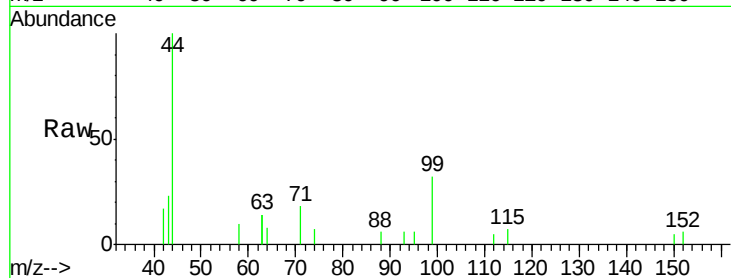
Tot Ion: 99 Resp: 393

Ion Ratio Lower Upper

99 100

42 38.4 20.2 30.2#

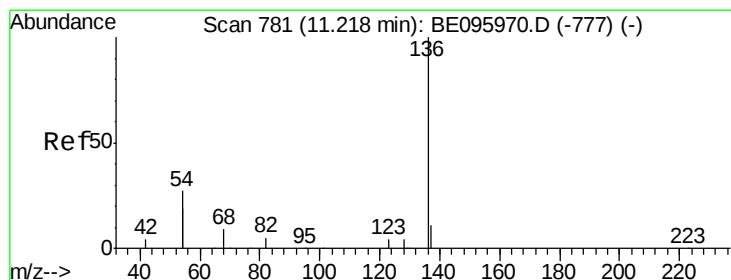
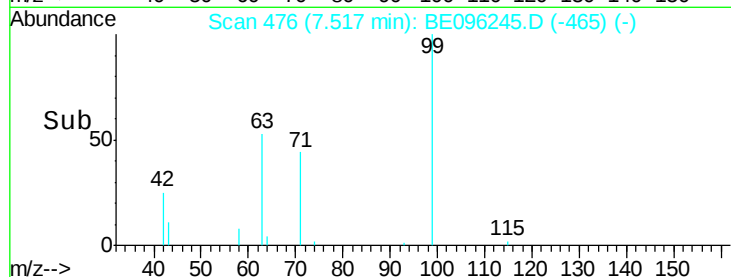
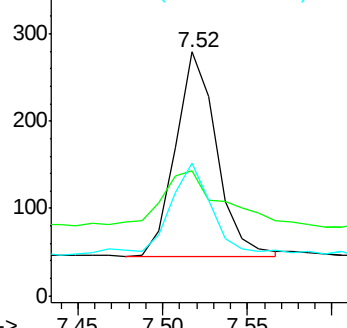
71 46.1 28.4 42.6#



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.19 min Scan# 779

Delta R.T. 0.00 min

Lab File: BE096245.D

Acq: 1 May 2018 5:08

Tgt Ion: 136 Resp: 3478

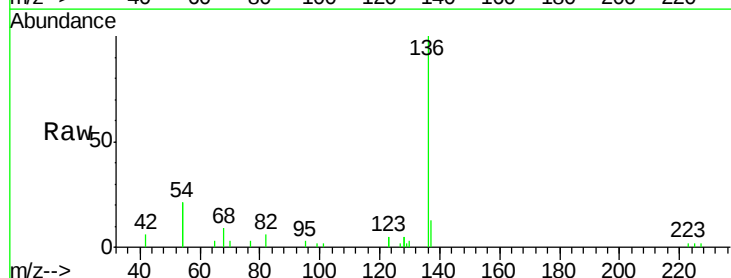
Ion Ratio Lower Upper

136 100

137 12.6 9.5 14.3

54 42.6 29.1 43.7

68 8.5 6.2 9.2

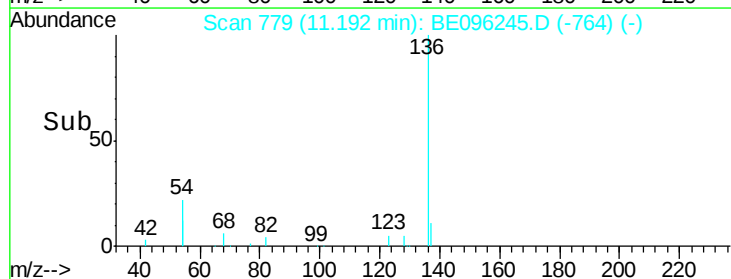
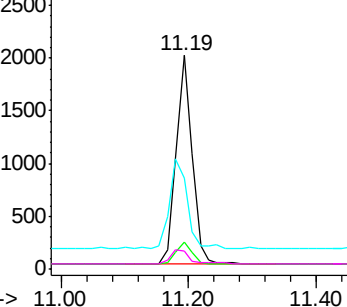


Abundance Ion 136.00 (135.70 to 136.70): E

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





#8

Nitrobenzene-d5

Concen: 0.527 ng

RT: 9.54 min Scan# 652

Delta R.T. 0.00 min

Lab File: BE096245.D

Acq: 1 May 2018 5:08

Instrument :

BNA\_E

ClientSampleId :

BP-DUP02-20180425

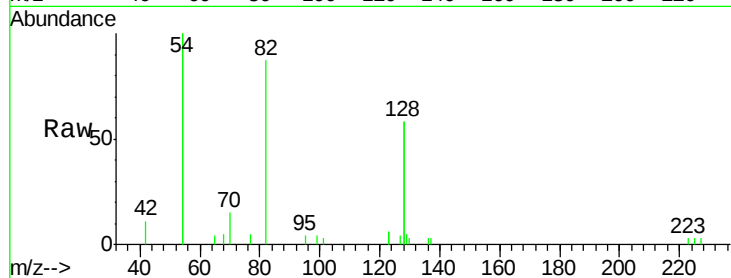
Tot Ion: 82 Resp: 2149

Ion Ratio Lower Upper

82 100

128 133.2 150.0 225.0#

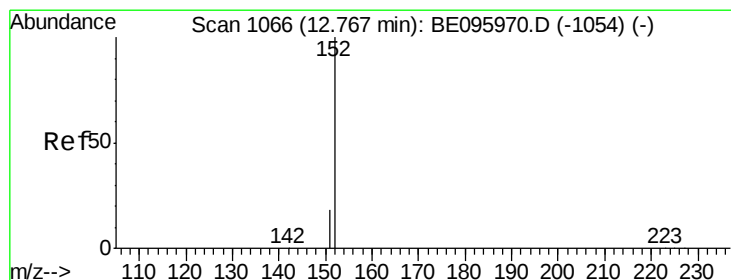
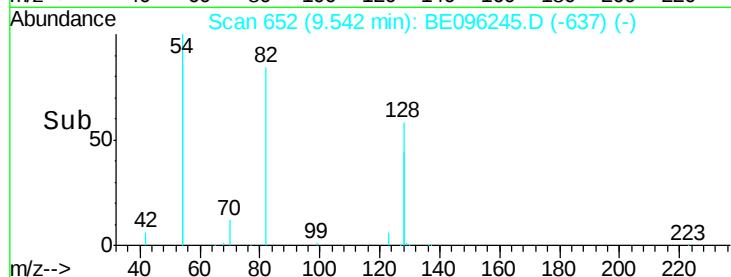
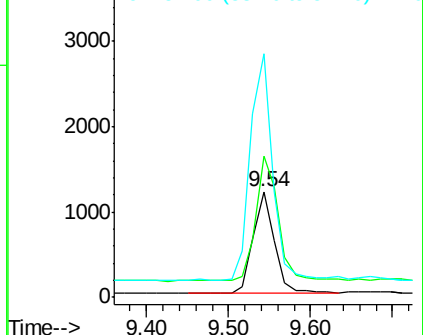
54 229.8 154.2 231.4



Abundance Ion 82.00 (81.70 to 82.70): BE095970.D (-650) (-)

Ion 128.00 (127.70 to 128.70): BE095970.D (-650) (-)

Ion 54.00 (53.70 to 54.70): BE095970.D (-650) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.356 ng

RT: 12.73 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE096245.D

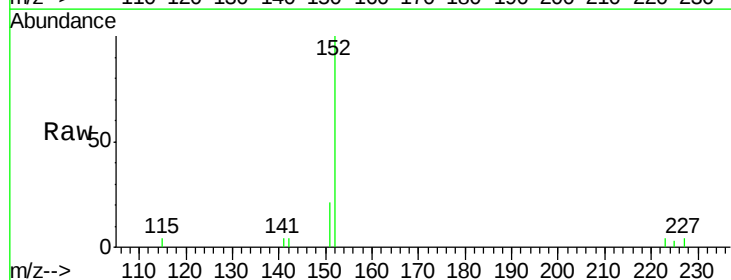
Acq: 1 May 2018 5:08

Tgt Ion: 152 Resp: 1960

Ion Ratio Lower Upper

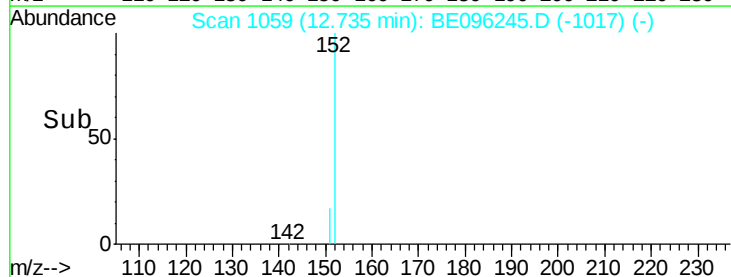
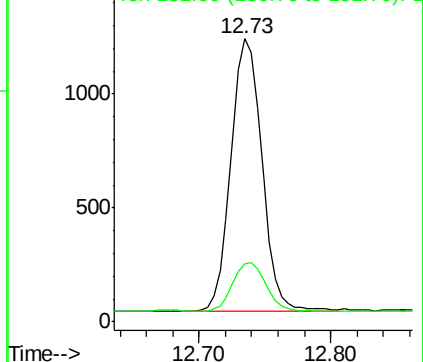
152 100

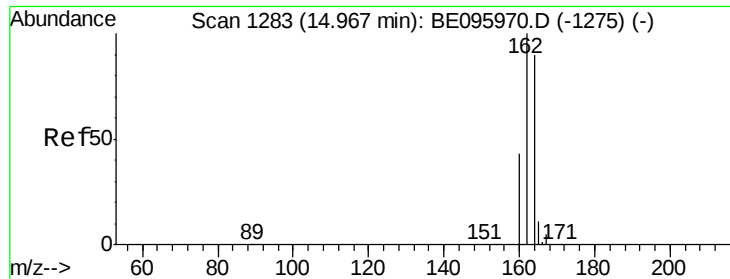
151 19.5 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE095970.D (-1054) (-)

Ion 151.00 (150.70 to 151.70): BE095970.D (-1054) (-)





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.94 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BE096245.D

Acq: 1 May 2018 5:08

Instrument :

BNA\_E

ClientSampleId :

BP-DUP02-20180425

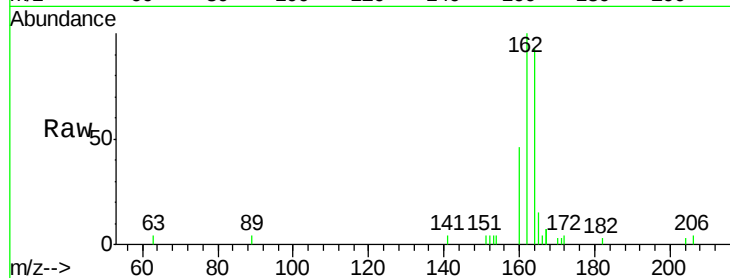
Tot Ion:164 Resp: 1864

Ion Ratio Lower Upper

164 100

162 108.0 83.1 124.7

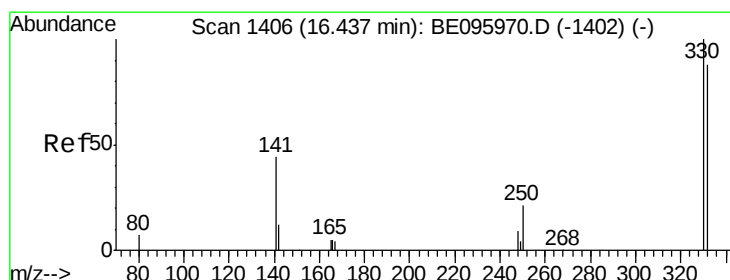
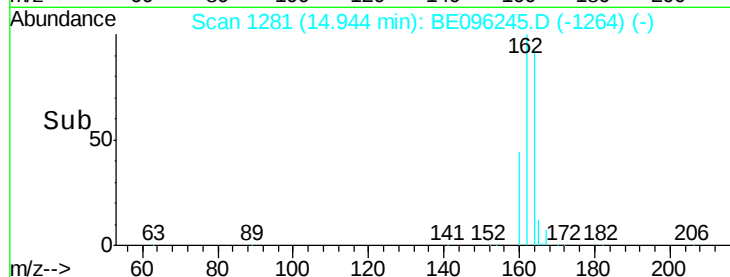
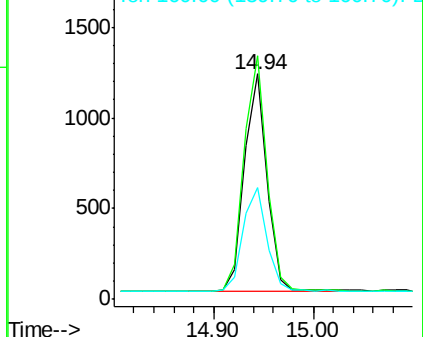
160 49.4 37.1 55.7



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



#14

2,4,6-Tribromophenol

Concen: 0.359 ng

RT: 16.41 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BE096245.D

Acq: 1 May 2018 5:08

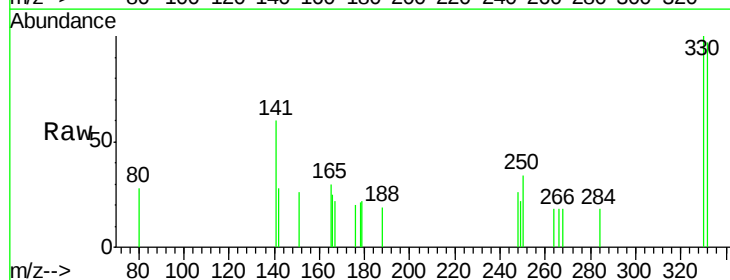
Tgt Ion:330 Resp: 323

Ion Ratio Lower Upper

330 100

332 96.0 152.7 229.1#

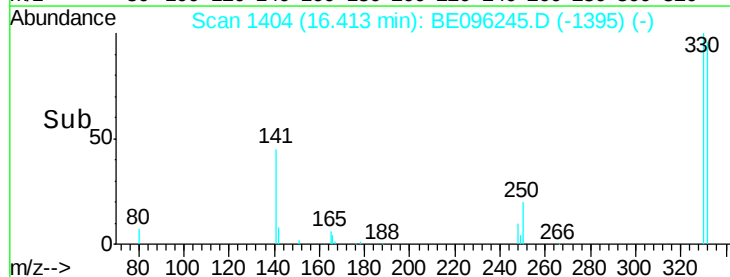
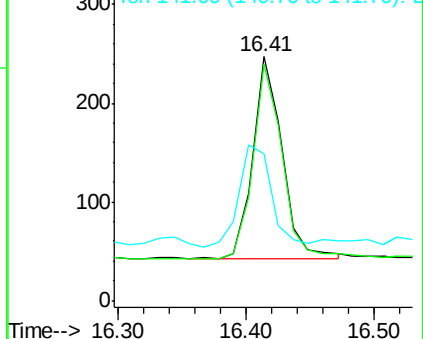
141 57.3 33.7 50.5#

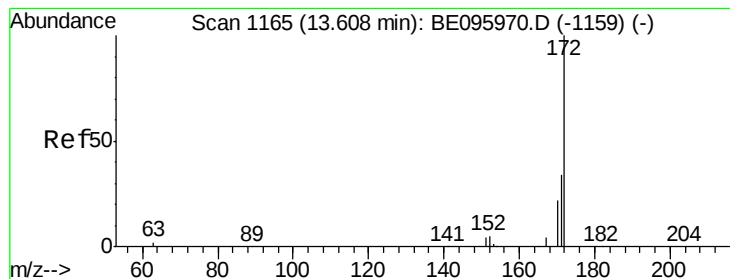


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.569 ng

RT: 13.57 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BE096245.D

Acq: 1 May 2018 5:08

Instrument :

BNA\_E

ClientSampleId :

BP-DUP02-20180425

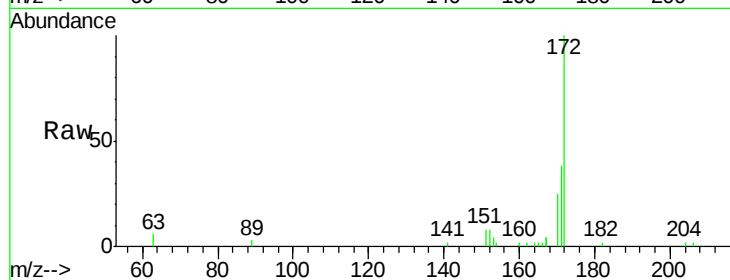
Tot Ion:172 Resp: 4536

Ion Ratio Lower Upper

172 100

171 37.7 29.9 44.9

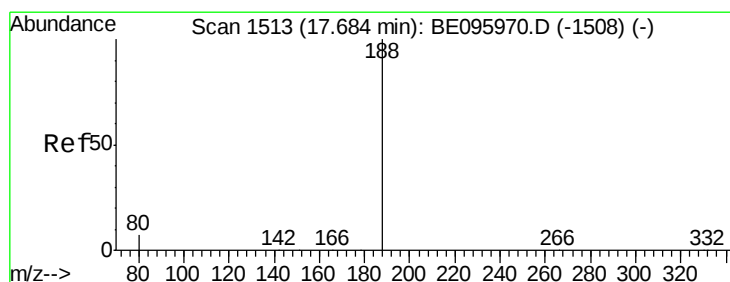
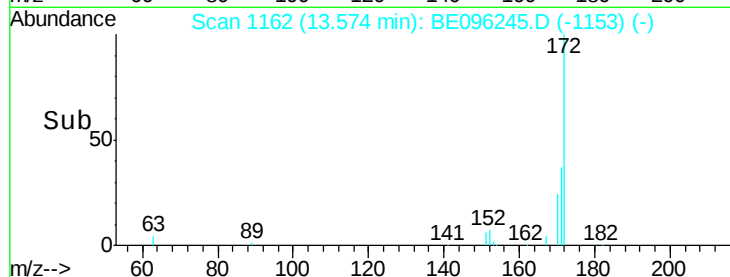
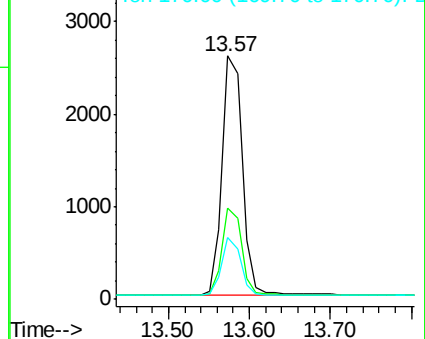
170 25.5 21.8 32.8



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: 0.400 ng

RT: 17.65 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BE096245.D

Acq: 1 May 2018 5:08

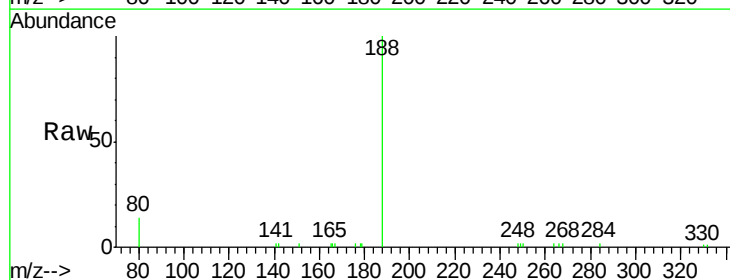
Tgt Ion:188 Resp: 4383

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

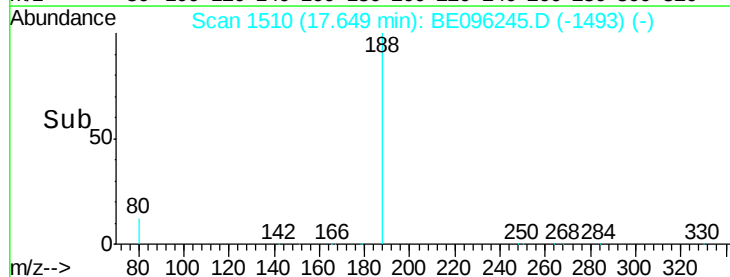
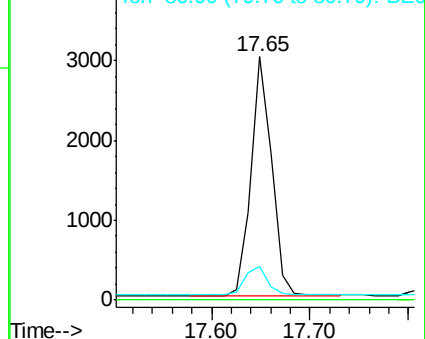
80 13.9 3.6 5.4#

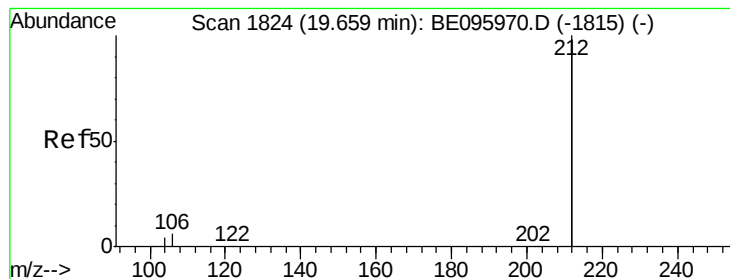


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#25

Fluoranthene-d10

Concen: 0.367 ng

RT: 19.64 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BE096245.D

Acq: 1 May 2018 5:08

Instrument :

BNA\_E

ClientSampleId :

BP-DUP02-20180425

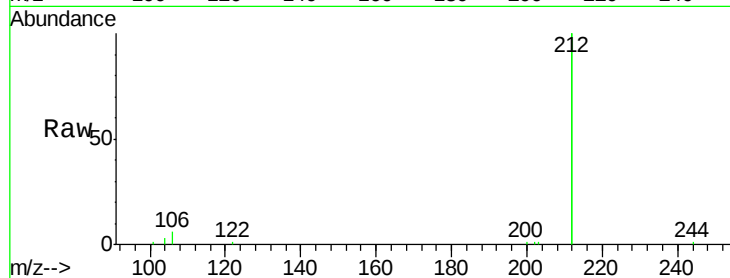
Tot Ion:212 Resp: 21835

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

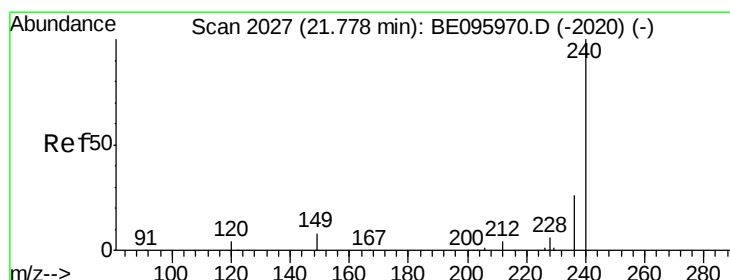
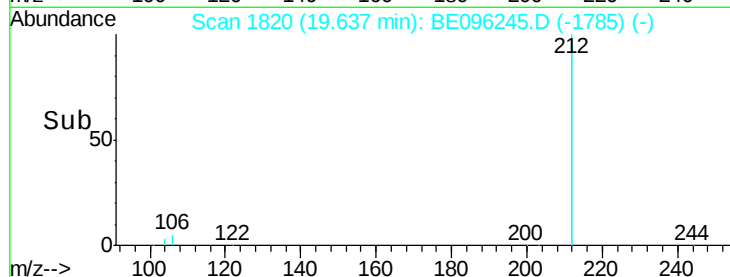
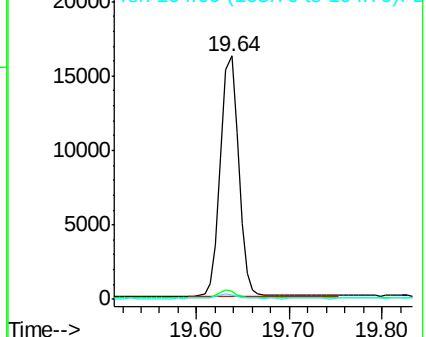
104 1.7 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.75 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BE096245.D

Acq: 1 May 2018 5:08

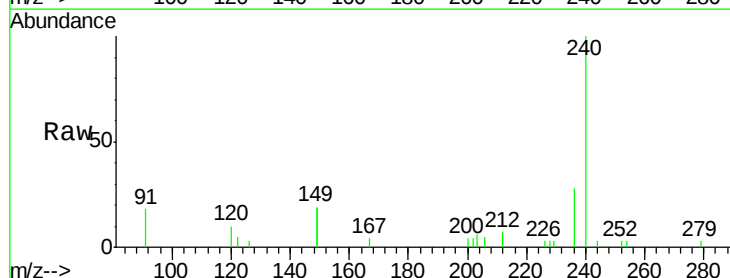
Tgt Ion:240 Resp: 4253

Ion Ratio Lower Upper

240 100

120 9.5 5.5 8.3#

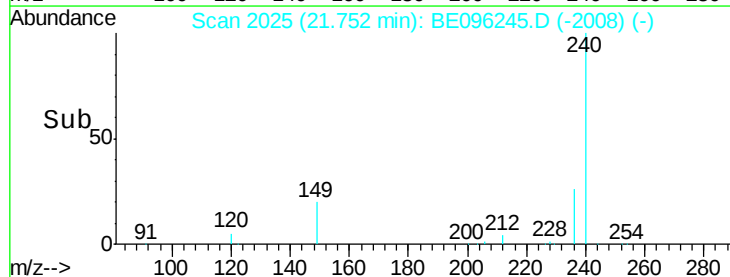
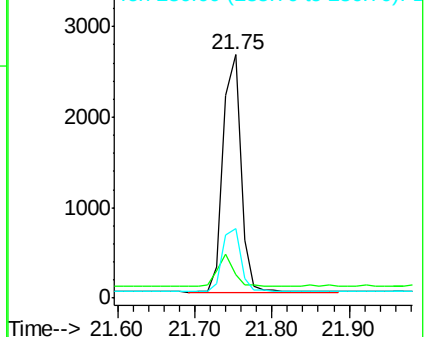
236 28.3 20.7 31.1

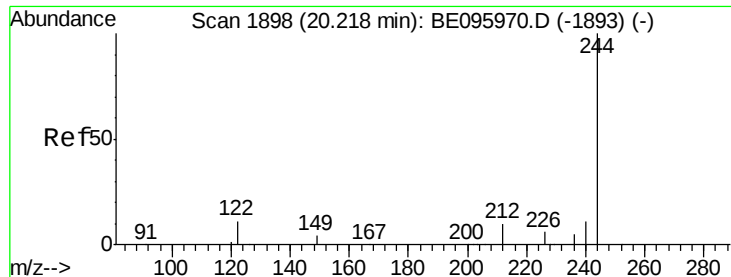


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.590 ng

RT: 20.19 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BE096245.D

Acq: 1 May 2018 5:08

Instrument :

BNA\_E

ClientSampleId :

BP-DUP02-20180425

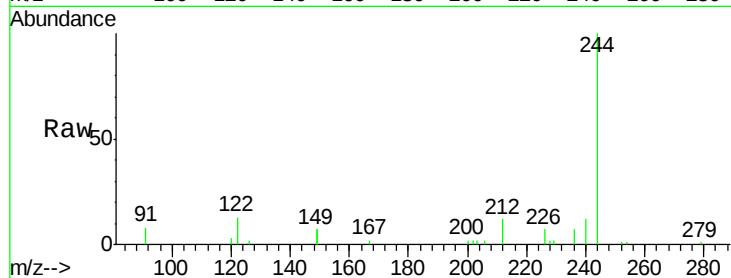
Tot Ion:244 Resp: 5548

Ion Ratio Lower Upper

244 100

212 12.0 25.4 38.0#

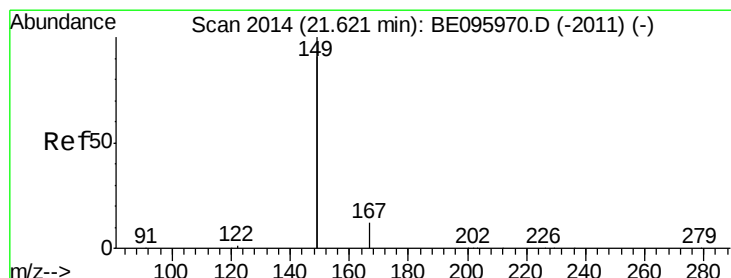
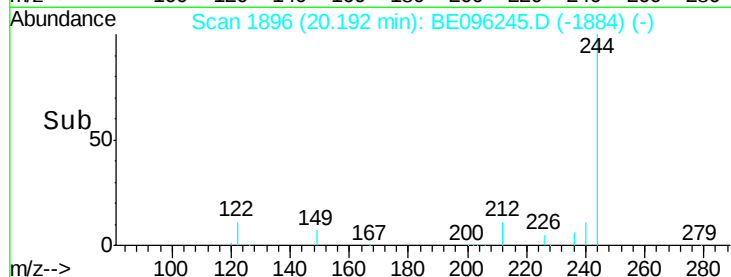
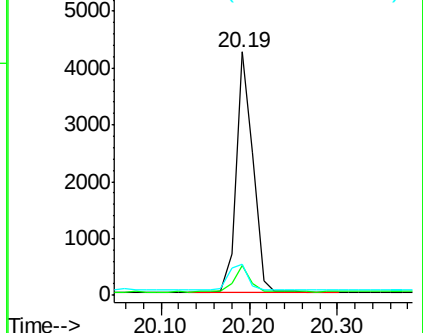
122 13.0 8.1 12.1#



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.066 ng

RT: 21.60 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BE096245.D

Acq: 1 May 2018 5:08

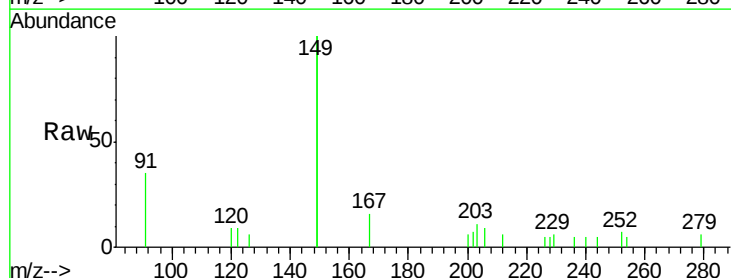
Tgt Ion:149 Resp: 2330

Ion Ratio Lower Upper

149 100

167 7.9 5.4 8.0

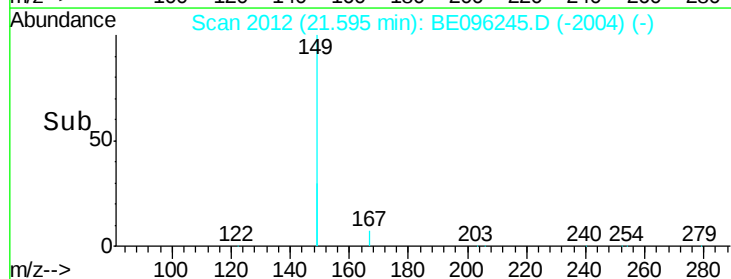
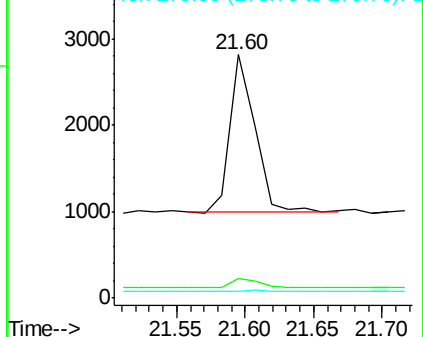
279 2.1 0.7 1.1#

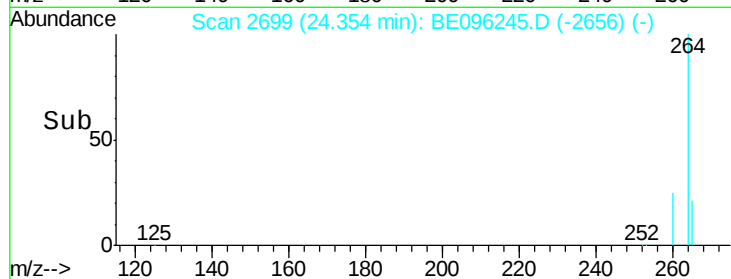
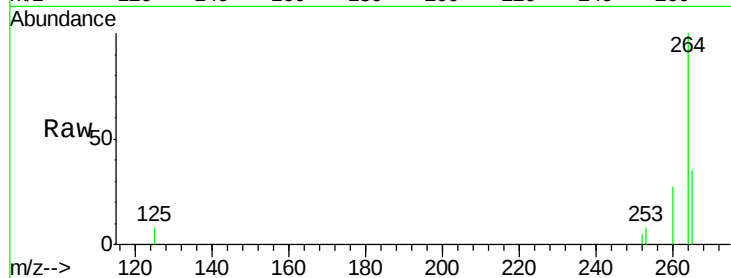
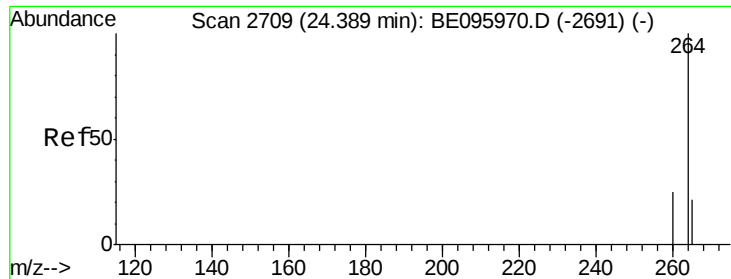


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 24.35 min Scan# 2699

Delta R.T. 0.00 min

Lab File: BE096245.D

Acq: 1 May 2018 5:08

Instrument :

BNA\_E

ClientSampleId :

BP-DUP02-20180425

Tot Ion:264 Resp: 4099

Ion Ratio Lower Upper

264 100

260 27.4 20.5 30.7

265 35.4 22.8 34.2#

