

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022318\  
 Data File : BE095680.D  
 Acq On : 23 Feb 2018 13:19  
 Operator : SJ/JU  
 Sample : J1627-03  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 KY038PS035-180219

Quant Time: Feb 23 18:42:57 2018  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE022318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 23 12:12:42 2018  
 Response via : Initial Calibration

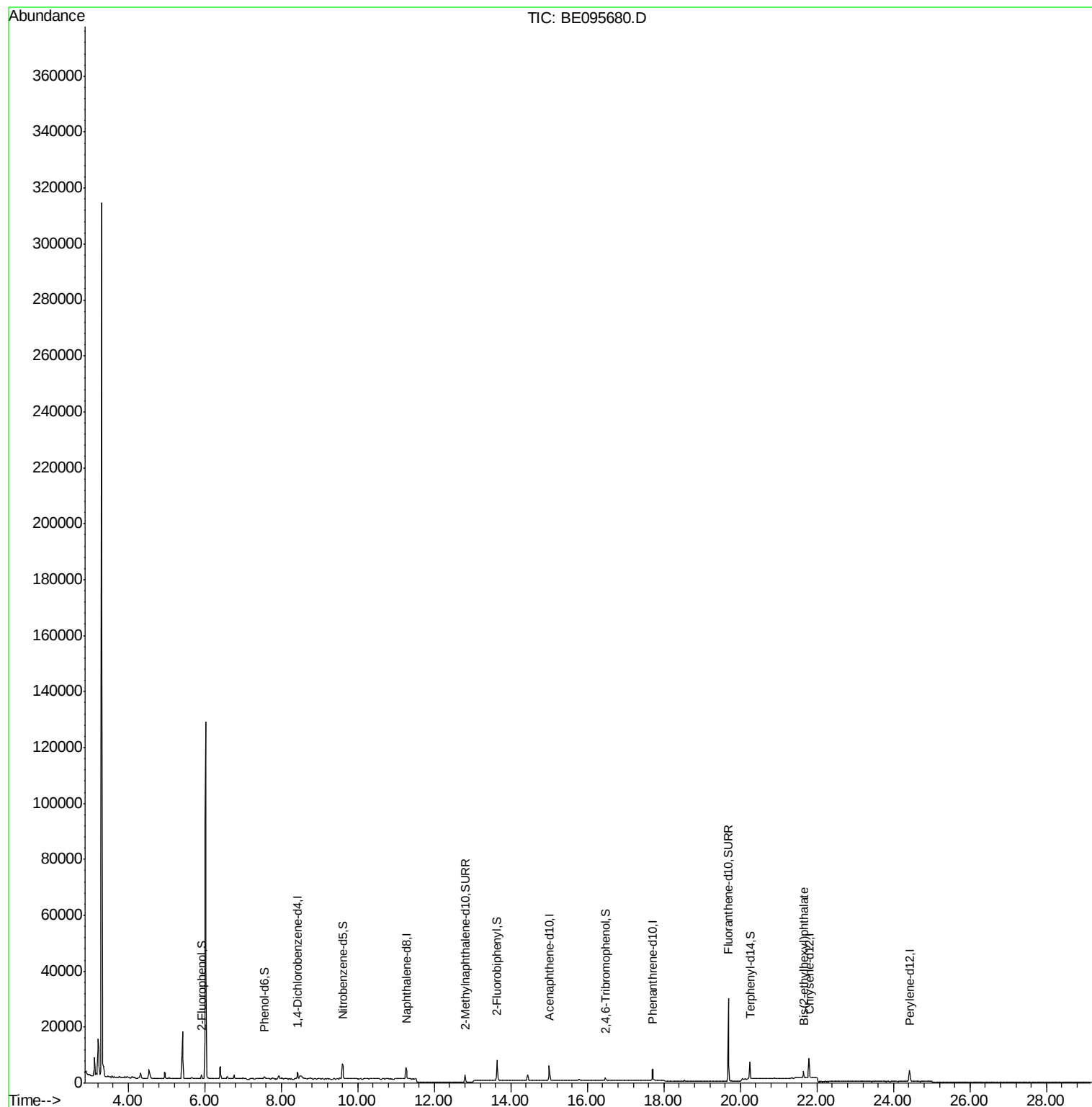
| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|--------------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 8.42  | 152  | 1268     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8              | 11.26 | 136  | 4968     | 0.40 | ng    | -0.02    |
| 13) Acenaphthene-d10           | 15.00 | 164  | 2961     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10           | 17.71 | 188  | 6921     | 0.40 | ng    | 0.01     |
| 27) Chrysene-d12               | 21.79 | 240  | 7130     | 0.40 | ng    | 0.00     |
| 34) Perylene-d12               | 24.43 | 264  | 6504     | 0.40 | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |      |       |          |
| 4) 2-Fluorophenol              | 5.92  | 112  | 760      | 0.23 | ng    | 0.00     |
| 5) Phenol-d6                   | 7.56  | 99   | 648      | 0.14 | ng    | 0.00     |
| 8) Nitrobenzene-d5             | 9.60  | 82   | 2268     | 0.44 | ng    | -0.02    |
| 11) 2-Methylnaphthalene-d10    | 12.80 | 152  | 3610     | 0.43 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol       | 16.47 | 330  | 497      | 0.47 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl           | 13.64 | 172  | 7371     | 0.56 | ng    | 0.00     |
| 25) Fluoranthene-d10           | 19.69 | 212  | 36496    | 0.40 | ng    | 0.00     |
| 29) Terphenyl-d14              | 20.25 | 244  | 7987     | 0.56 | ng    | 0.00     |
| Target Compounds               |       |      |          |      |       | Qvalue   |
| 32) Bis(2-ethylhexyl)phthalate | 21.65 | 149  | 3268     | 0.08 | ng    | 100      |

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

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022318\  
Data File : BE095680.D  
Acq On : 23 Feb 2018 13:19  
Operator : SJ/JU  
Sample : J1627-03  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
KY038PS035-180219

Quant Time: Feb 23 18:42:57 2018  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE022318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Feb 23 12:12:42 2018  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 8.42 min Scan# 442

Delta R.T. -0.01 min

Lab File: BE095680.D

Acq: 23 Feb 2018 13:19

Instrument :

BNA\_E

ClientSampleId :

KY038PS035-180219

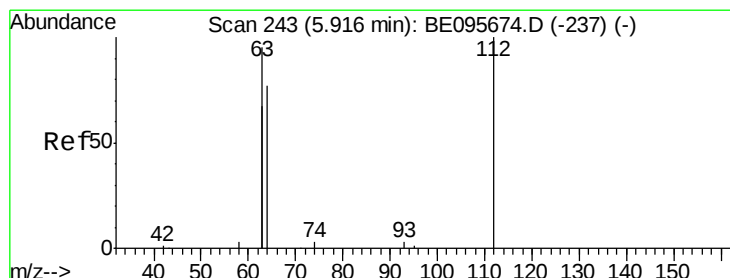
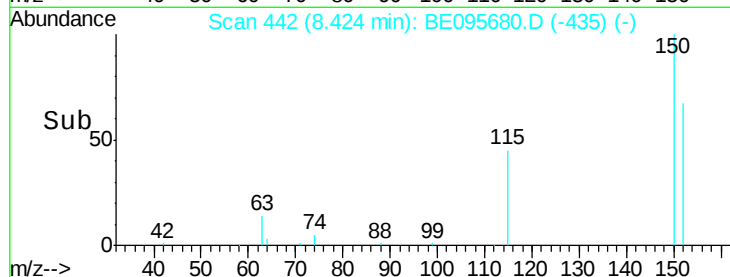
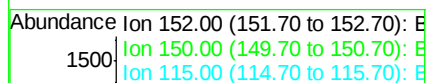
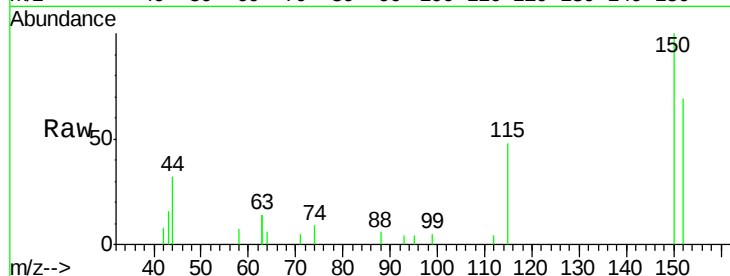
Tot Ion:152 Resp: 1268

Ion Ratio Lower Upper

152 100

150 145.9 117.2 175.8

115 70.0 57.0 85.6



#4

2-Fluorophenol

Concen: 0.23 ng

RT: 5.92 min Scan# 243

Delta R.T. 0.00 min

Lab File: BE095680.D

Acq: 23 Feb 2018 13:19

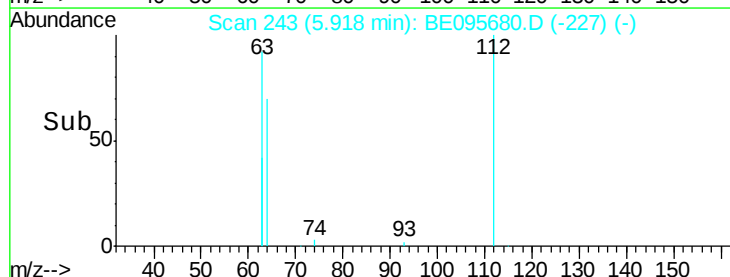
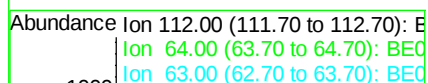
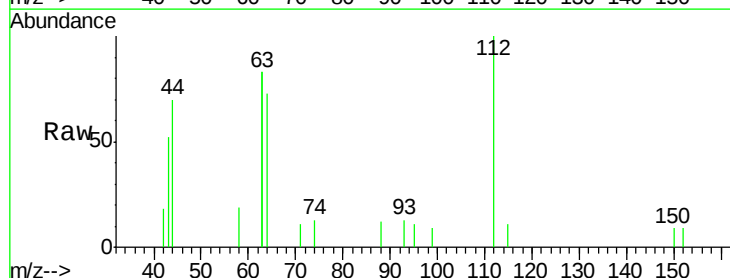
Tgt Ion:112 Resp: 760

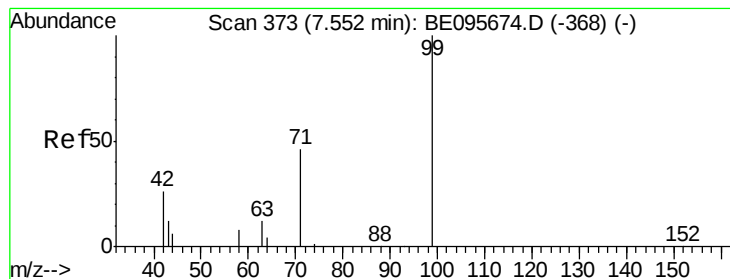
Ion Ratio Lower Upper

112 100

64 74.3 60.1 90.1

63 159.1 116.8 175.2





#5

Phenol-d6

Concen: 0.14 ng

RT: 7.56 min Scan# 373

Delta R.T. 0.00 min

Lab File: BE095680.D

Acq: 23 Feb 2018 13:19

Instrument :

BNA\_E

ClientSampleId :

KY038PS035-180219

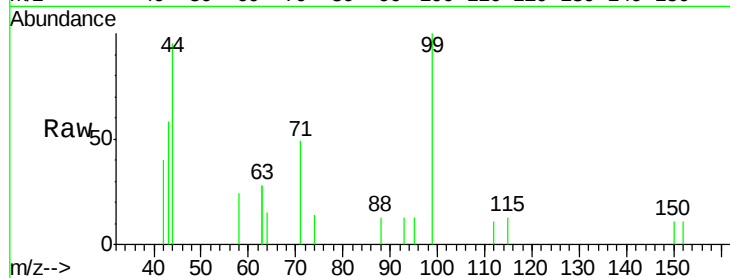
Tot Ion: 99 Resp: 648

Ion Ratio Lower Upper

99 100

42 25.0 20.2 30.2

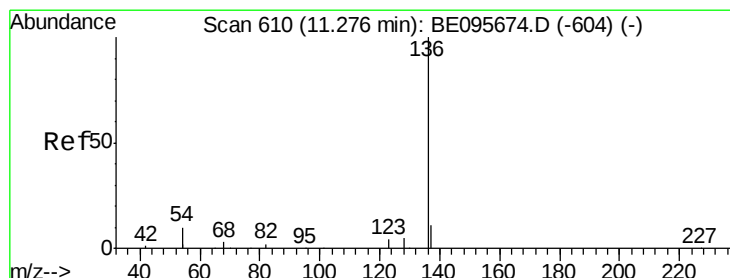
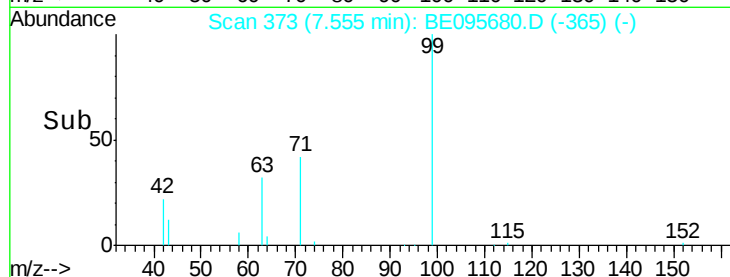
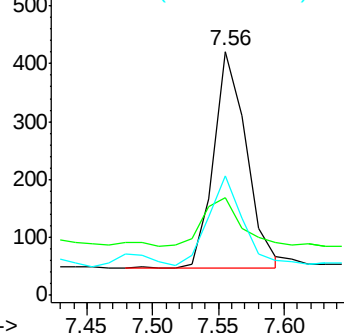
71 42.1 28.4 42.6



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: 0.40 ng

RT: 11.26 min Scan# 609

Delta R.T. -0.02 min

Lab File: BE095680.D

Acq: 23 Feb 2018 13:19

Tgt Ion: 136 Resp: 4968

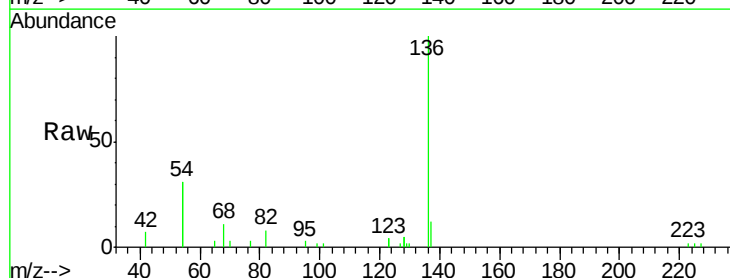
Ion Ratio Lower Upper

136 100

137 12.3 9.5 14.3

54 61.7 29.1 43.7#

68 11.1 6.2 9.2#

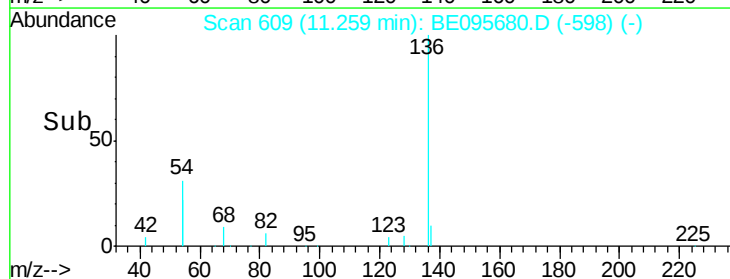
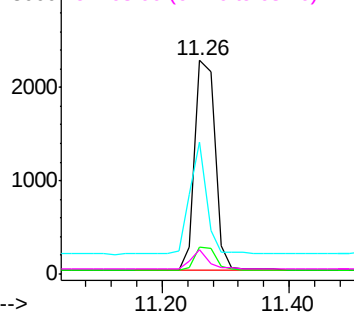


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.44 ng

RT: 9.60 min Scan# 510

Delta R.T. -0.02 min

Lab File: BE095680.D

Acq: 23 Feb 2018 13:19

Instrument :

BNA\_E

ClientSampleId :

KY038PS035-180219

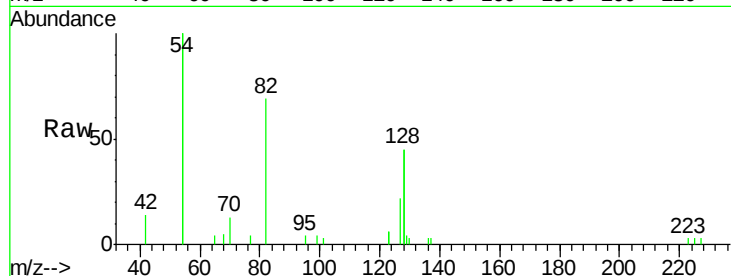
Tot Ion: 82 Resp: 2268

Ion Ratio Lower Upper

82 100

128 131.5 150.0 225.0#

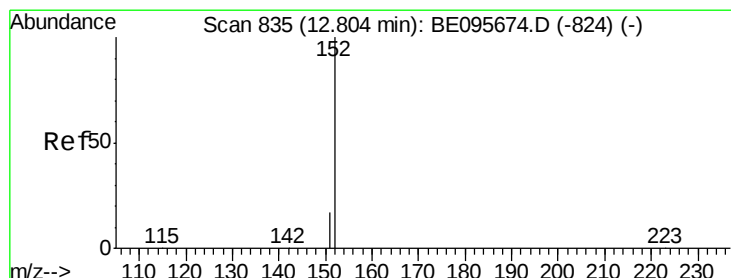
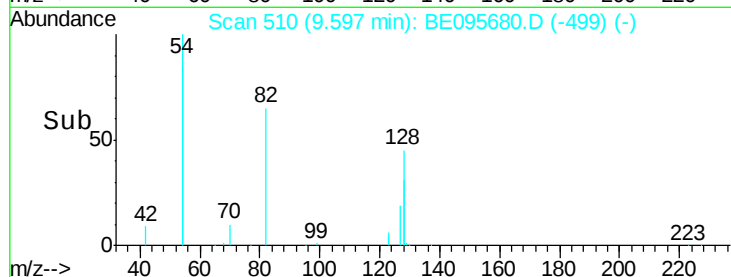
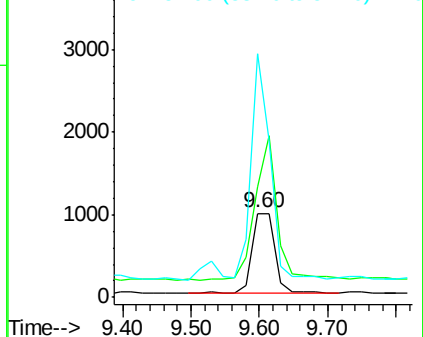
54 289.3 154.2 231.4#



Abundance Ion 82.00 (81.70 to 82.70): BE095674.D (-508) (-)

Ion 128.00 (127.70 to 128.70): BE095674.D (-508) (-)

Ion 54.00 (53.70 to 54.70): BE095674.D (-508) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.43 ng

RT: 12.80 min Scan# 835

Delta R.T. 0.00 min

Lab File: BE095680.D

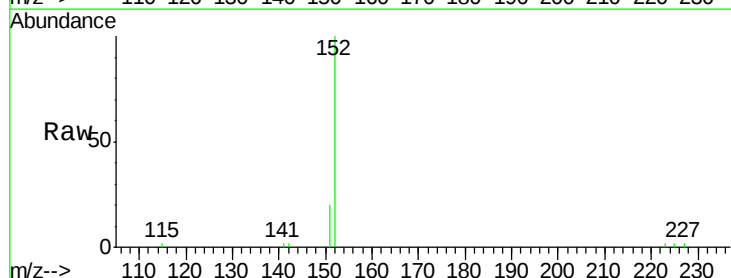
Acq: 23 Feb 2018 13:19

Tgt Ion: 152 Resp: 3610

Ion Ratio Lower Upper

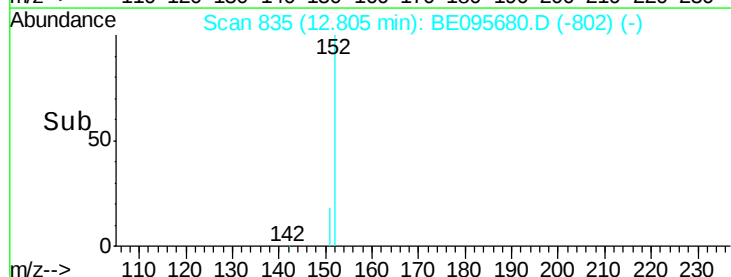
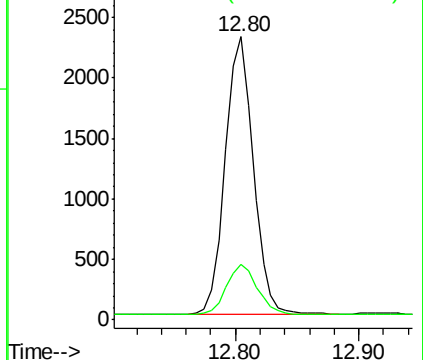
152 100

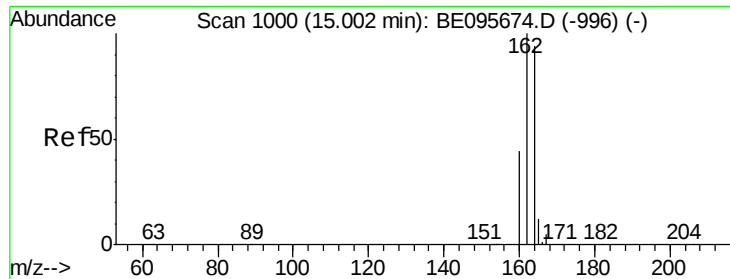
151 19.9 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): BE095674.D (-824) (-)

Ion 151.00 (150.70 to 151.70): BE095674.D (-824) (-)





#13

Acenaphthene-d10

Concen: 0.40 ng

RT: 15.00 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BE095680.D

Acq: 23 Feb 2018 13:19

Instrument :

BNA\_E

ClientSampleId :

KY038PS035-180219

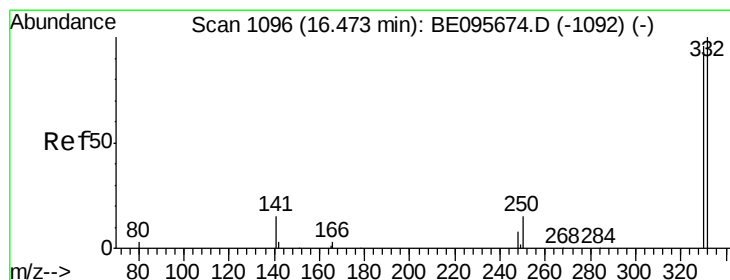
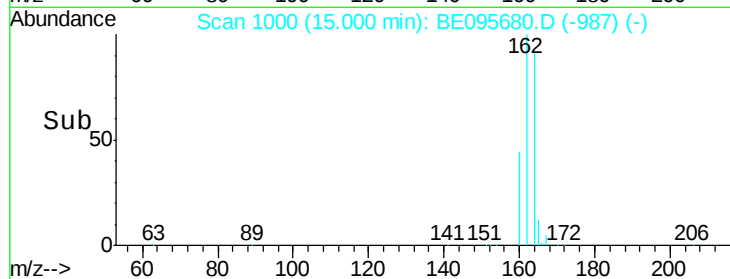
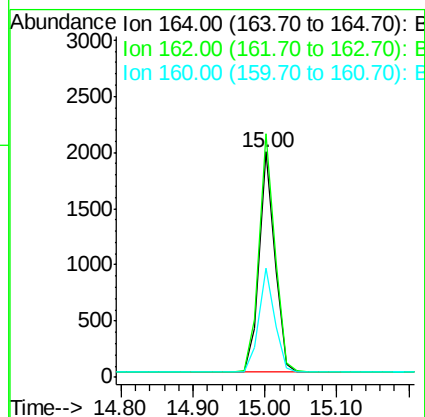
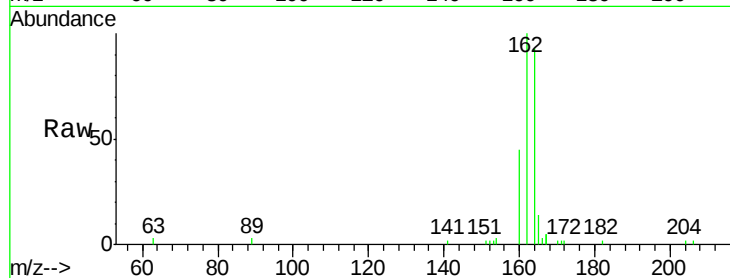
Tot Ion:164 Resp: 2961

Ion Ratio Lower Upper

164 100

162 108.0 83.1 124.7

160 48.7 37.1 55.7



#14

2,4,6-Tribromophenol

Concen: 0.47 ng

RT: 16.47 min Scan# 1096

Delta R.T. -0.00 min

Lab File: BE095680.D

Acq: 23 Feb 2018 13:19

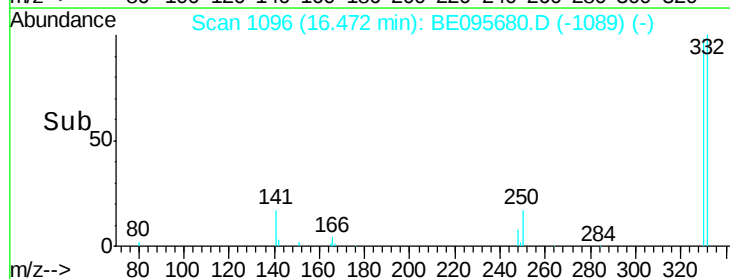
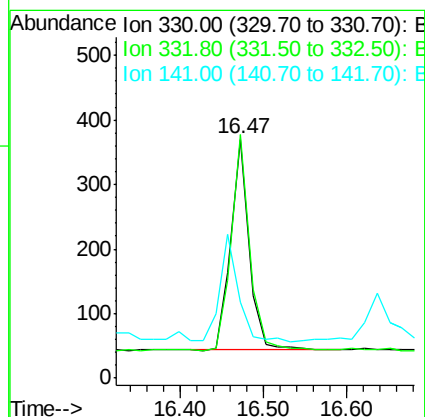
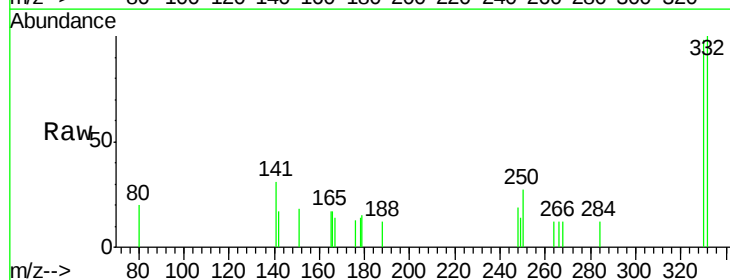
Tgt Ion:330 Resp: 497

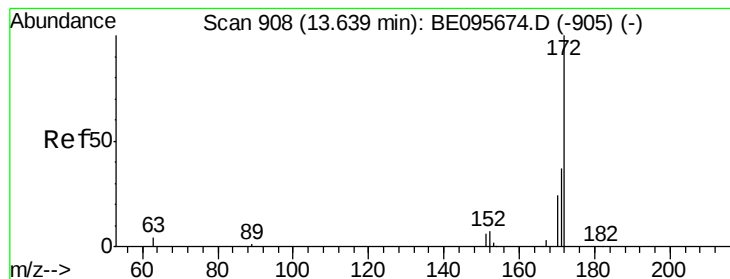
Ion Ratio Lower Upper

330 100

332 102.8 152.7 229.1#

141 51.5 33.7 50.5#





#15

2-Fluorobiphenyl

Concen: 0.56 ng

RT: 13.64 min Scan# 908

Delta R.T. -0.00 min

Lab File: BE095680.D

Acq: 23 Feb 2018 13:19

Instrument :

BNA\_E

ClientSampleId :

KY038PS035-180219

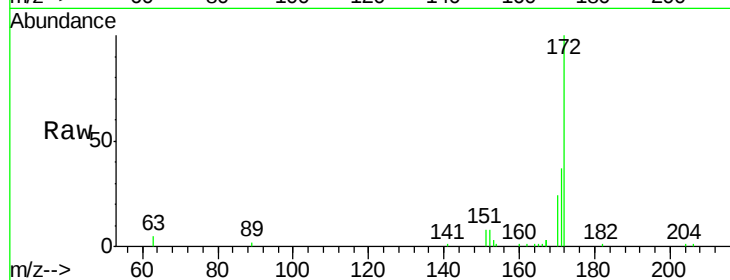
Tot Ion:172 Resp: 7371

Ion Ratio Lower Upper

172 100

171 36.6 29.9 44.9

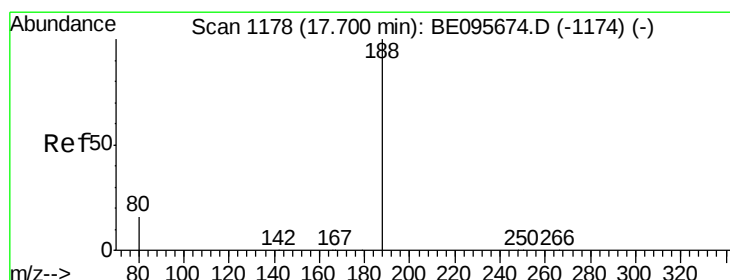
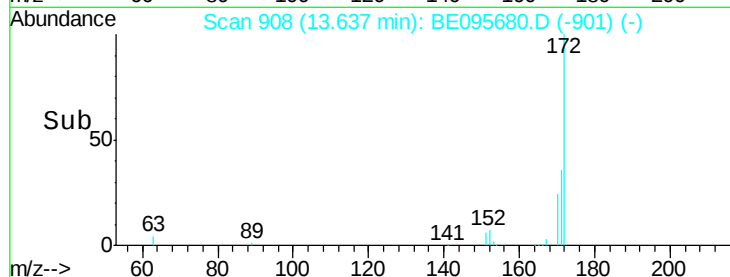
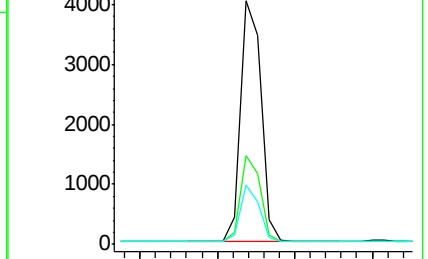
170 24.4 21.8 32.8



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: 0.40 ng

RT: 17.71 min Scan# 1179

Delta R.T. 0.01 min

Lab File: BE095680.D

Acq: 23 Feb 2018 13:19

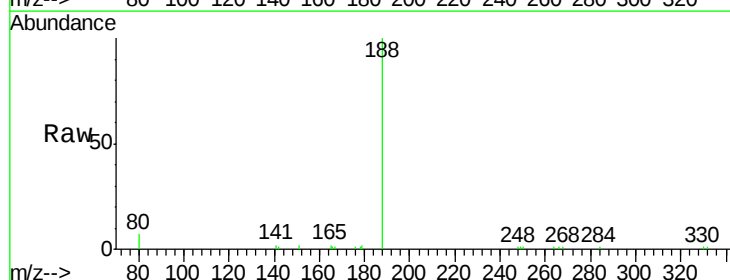
Tgt Ion:188 Resp: 6921

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

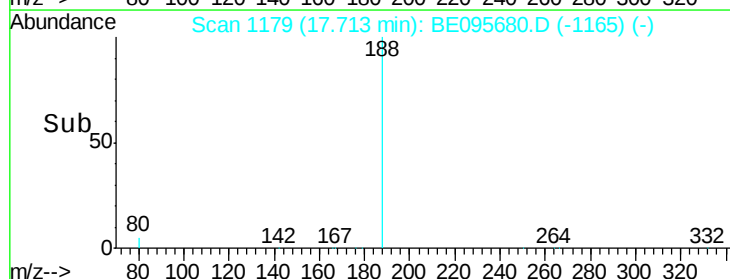
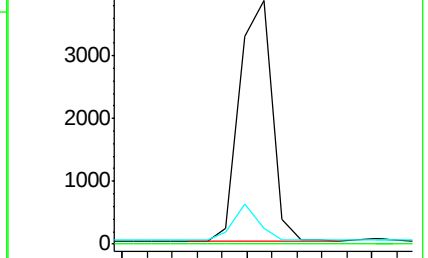
80 6.7 3.6 5.4#

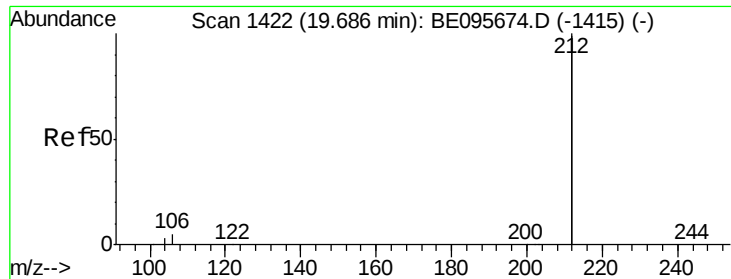


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

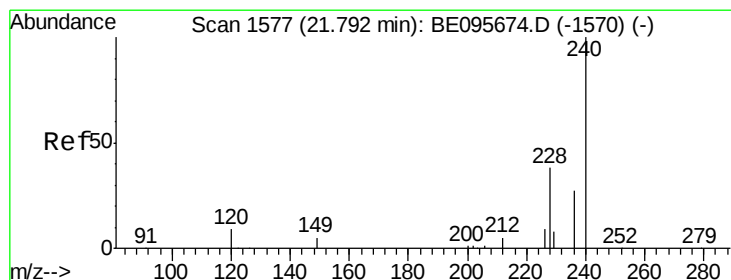
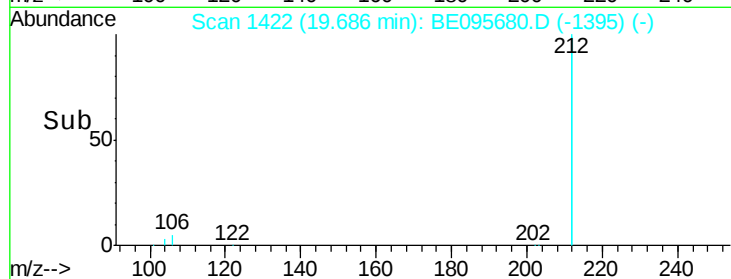
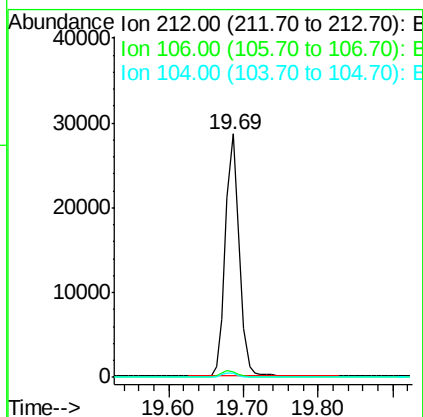
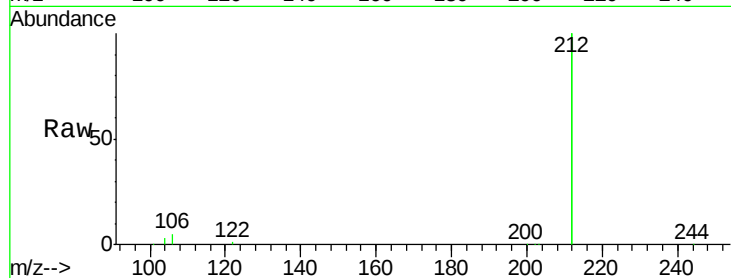




#25  
 Fluoranthene-d10  
 Concen: 0.40 ng  
 RT: 19.69 min Scan# 1422  
 Delta R.T. 0.00 min  
 Lab File: BE095680.D  
 Acq: 23 Feb 2018 13:19

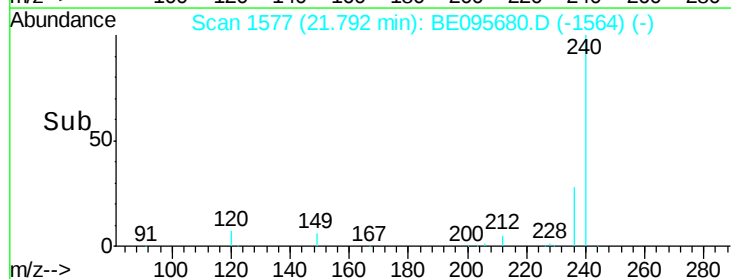
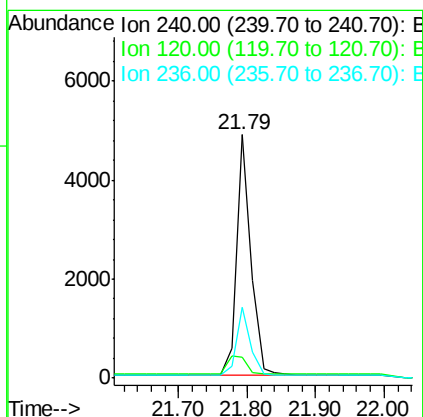
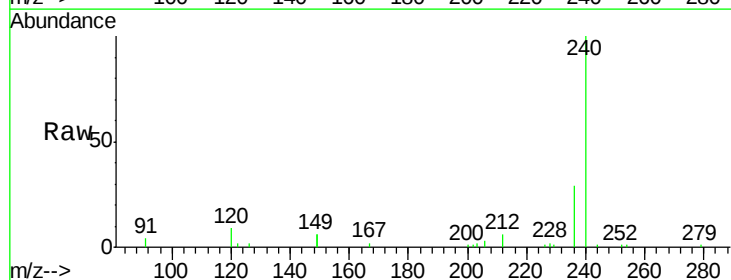
Instrument :  
 BNA\_E  
 ClientSampleId :  
 KY038PS035-180219

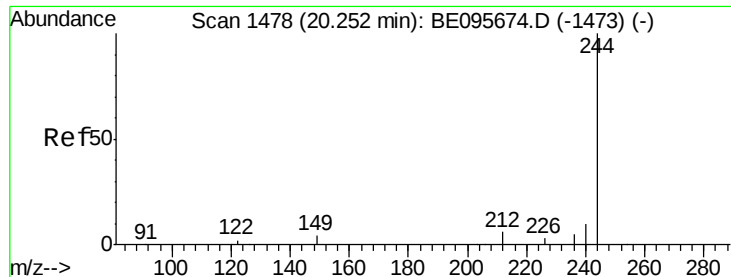
Tot Ion:212 Resp: 36496  
 Ion Ratio Lower Upper  
 212 100  
 106 2.9 2.8 4.2  
 104 1.7 1.6 2.4



#27  
 Chrysene-d12  
 Concen: 0.40 ng  
 RT: 21.79 min Scan# 1577  
 Delta R.T. 0.00 min  
 Lab File: BE095680.D  
 Acq: 23 Feb 2018 13:19

Tgt Ion:240 Resp: 7130  
 Ion Ratio Lower Upper  
 240 100  
 120 8.7 5.5 8.3#  
 236 29.0 20.7 31.1





#29

Terphenyl-d14

Concen: 0.56 ng

RT: 20.25 min Scan# 1478

Delta R.T. 0.00 min

Lab File: BE095680.D

Acq: 23 Feb 2018 13:19

Instrument :

BNA\_E

ClientSampleId :

KY038PS035-180219

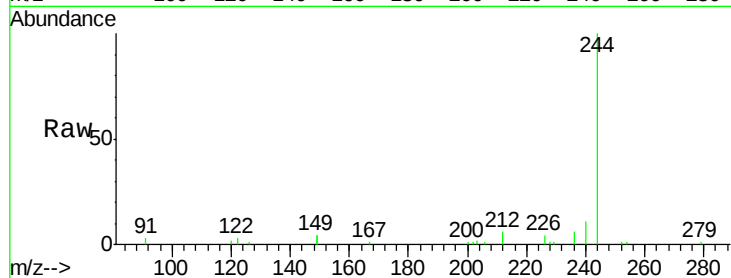
Tot Ion:244 Resp: 7987

Ion Ratio Lower Upper

244 100

212 6.2 25.4 38.0#

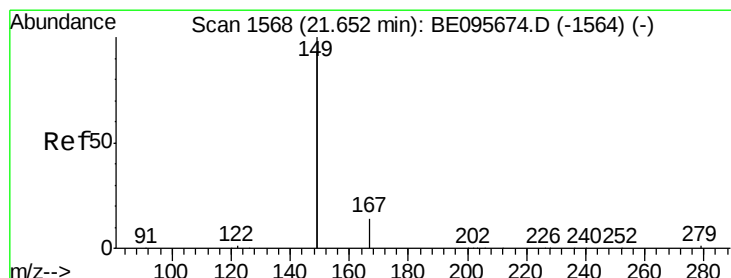
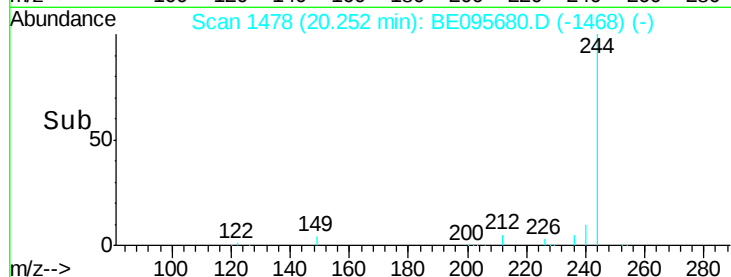
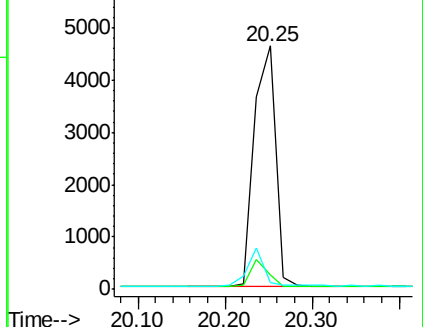
122 2.7 8.1 12.1#



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: 0.08 ng

RT: 21.65 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BE095680.D

Acq: 23 Feb 2018 13:19

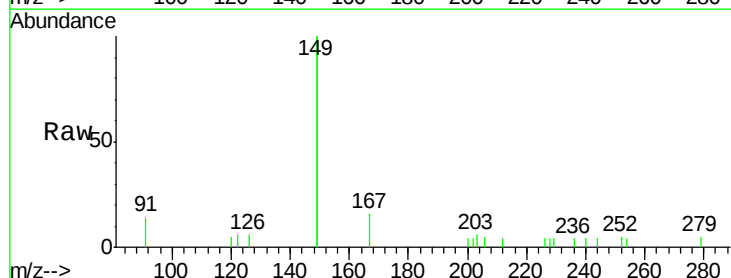
Tgt Ion:149 Resp: 3268

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

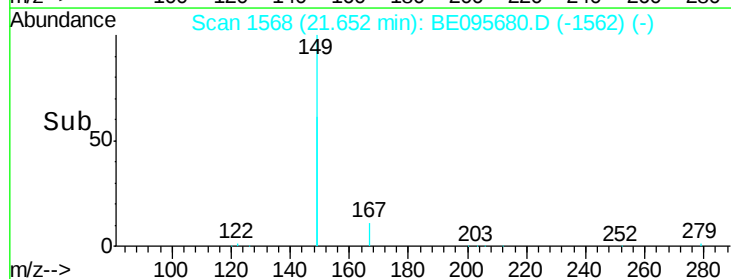
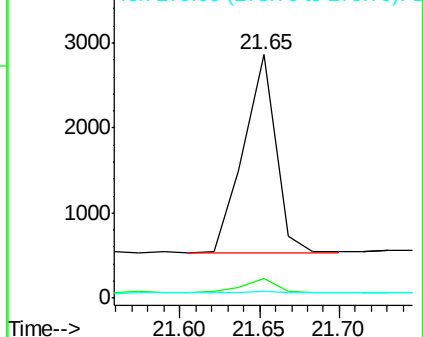
279 0.9 0.7 1.1

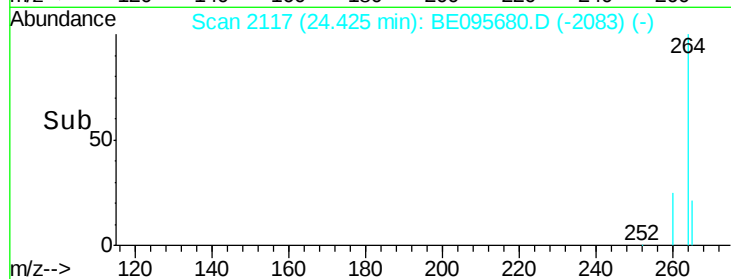
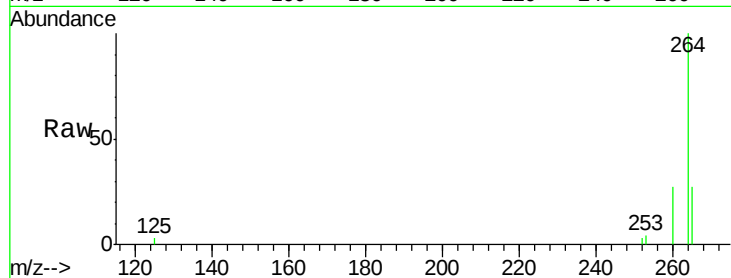
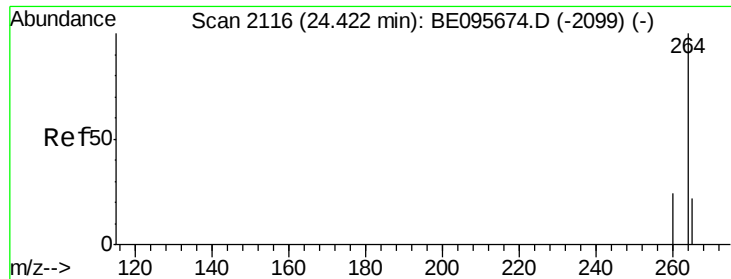


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.40 ng

RT: 24.43 min Scan# 2117

Delta R.T. 0.00 min

Lab File: BE095680.D

Acq: 23 Feb 2018 13:19

Instrument :

BNA\_E

ClientSampleId :

KY038PS035-180219

Tot Ion:264 Resp: 6504

Ion Ratio Lower Upper

264 100

260 26.6 20.5 30.7

265 26.7 22.8 34.2

