

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_E\DATA\BE061818\  
 Data File : BE096803.D  
 Acq On : 18 Jun 2018 11:27  
 Operator : SJ/JU  
 Sample : SSTDICC0.8  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.8

Quant Time: Jun 18 12:12:56 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE061818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 18 11:37:15 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.40  | 152  | 2542     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.16 | 136  | 12725    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.03 | 164  | 7098     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 16.78 | 188  | 19456    | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 20.98 | 240  | 17318    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.21 | 264  | 13441    | 0.40 | ng    | 0.00     |

|                             |       |     |        |      |    |      |
|-----------------------------|-------|-----|--------|------|----|------|
| System Monitoring Compounds |       |     |        |      |    |      |
| 4) 2-Fluorophenol           | 5.05  | 112 | 4335   | 0.62 | ng | 0.00 |
| 5) Phenol-d6                | 6.60  | 99  | 6549   | 0.62 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 8.53  | 82  | 5552   | 0.66 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.74 | 152 | 16148  | 0.77 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 15.52 | 330 | 1249   | 0.55 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 12.64 | 172 | 23759  | 0.85 | ng | 0.00 |
| 25) Fluoranthene-d10        | 18.81 | 212 | 157732 | 0.79 | ng | 0.00 |
| 29) Terphenyl-d14           | 19.43 | 244 | 31364  | 0.82 | ng | 0.00 |

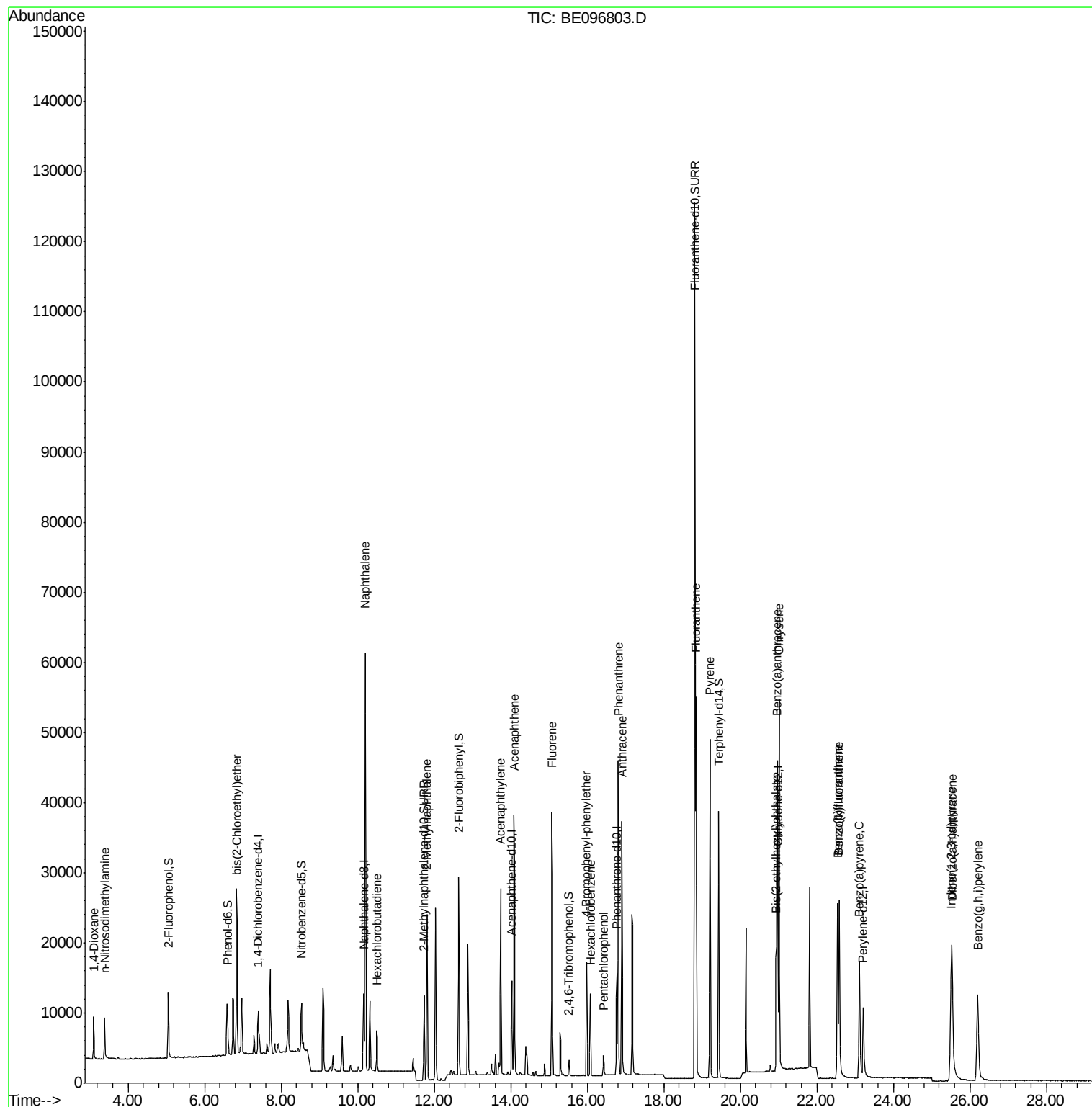
|                                |       |     |       |        |    |      |
|--------------------------------|-------|-----|-------|--------|----|------|
| Target Compounds               |       |     |       | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.10  | 88  | 3271  | 0.796  | ng | # 88 |
| 3) n-Nitrosodimethylamine      | 3.38  | 42  | 3697  | 0.803  | ng | # 86 |
| 6) bis(2-Chloroethyl)ether     | 6.85  | 93  | 7925  | 0.790  | ng | 98   |
| 9) Naphthalene                 | 10.20 | 128 | 99865 | 0.801  | ng | 99   |
| 10) Hexachlorobutadiene        | 10.50 | 225 | 4156  | 0.811  | ng | 98   |
| 12) 2-Methylnaphthalene        | 11.81 | 142 | 16855 | 0.785  | ng | 98   |
| 16) Acenaphthylene             | 13.74 | 152 | 27724 | 0.807  | ng | 100  |
| 17) Acenaphthene               | 14.08 | 154 | 18519 | 0.818  | ng | 94   |
| 18) Fluorene                   | 15.08 | 166 | 21928 | 0.806  | ng | # 79 |
| 20) 4-Bromophenyl-phenylether  | 15.99 | 248 | 7773  | 0.809  | ng | # 86 |
| 21) Hexachlorobenzene          | 16.09 | 284 | 9035  | 0.831  | ng | # 80 |
| 22) Pentachlorophenol          | 16.43 | 266 | 1513  | 0.597  | ng | # 71 |
| 23) Phenanthrene               | 16.81 | 178 | 43034 | 0.815  | ng | 99   |
| 24) Anthracene                 | 16.91 | 178 | 35985 | 0.797  | ng | 95   |
| 26) Fluoranthene               | 18.84 | 202 | 47299 | 0.814  | ng | 99   |
| 28) Pyrene                     | 19.21 | 202 | 45235 | 0.813  | ng | 99   |
| 30) Benzo(a)anthracene         | 20.97 | 228 | 33860 | 0.741  | ng | 96   |
| 31) Chrysene                   | 21.02 | 228 | 42650 | 0.808  | ng | 100  |
| 32) Bis(2-ethylhexyl)phthalate | 20.93 | 149 | 23500 | 0.538  | ng | 99   |
| 33) Indeno(1,2,3-cd)pyrene     | 25.51 | 276 | 31324 | 0.686  | ng | 96   |
| 35) Benzo(b)fluoranthene       | 22.54 | 252 | 31287 | 0.819  | ng | # 88 |
| 36) Benzo(k)fluoranthene       | 22.59 | 252 | 38525 | 0.884  | ng | 97   |
| 37) Benzo(a)pyrene             | 23.11 | 252 | 26770 | 0.782  | ng | # 93 |
| 38) Dibenzo(a,h)anthracene     | 25.54 | 278 | 26941 | 0.799  | ng | 96   |
| 39) Benzo(g,h,i)perylene       | 26.21 | 276 | 28826 | 0.808  | ng | # 92 |

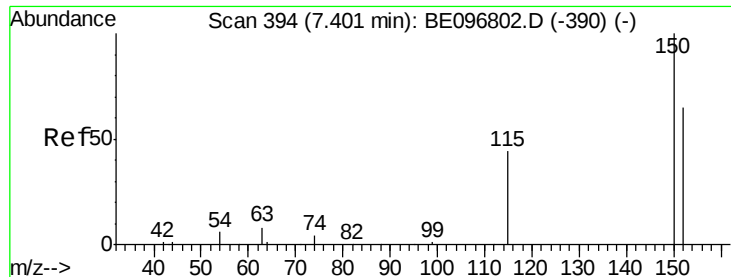
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : SSTDICC0.8  
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QLast Update : Mon Jun 18 11:37:15 2018  
Response via : Initial Calibration



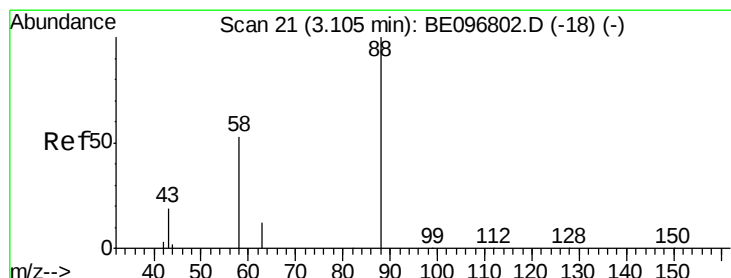
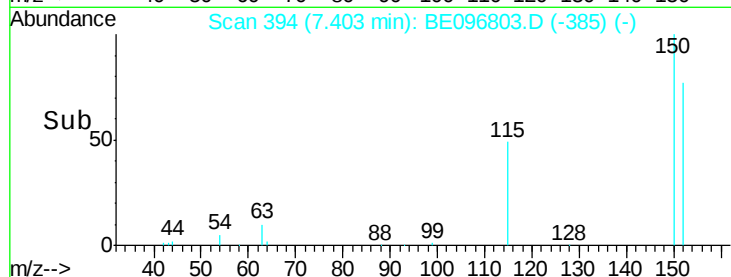
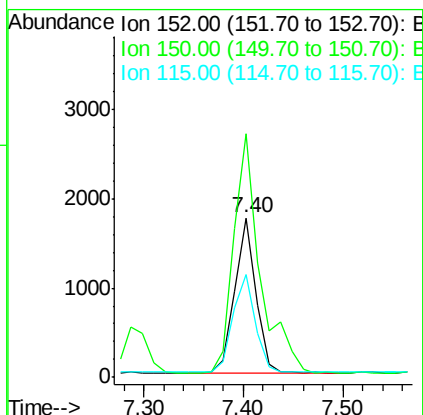
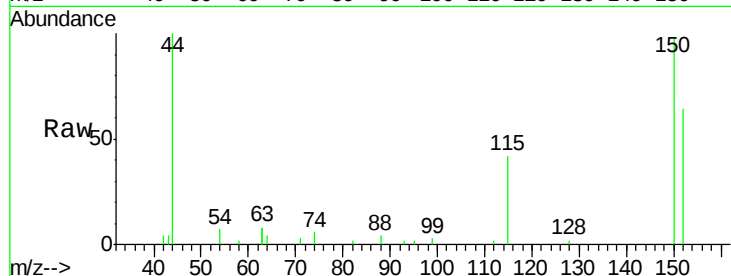


#1

1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.40 min Scan# 394  
Delta R.T. 0.00 min  
Lab File: BE096803.D  
Acq: 18 Jun 2018 11:27

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.8

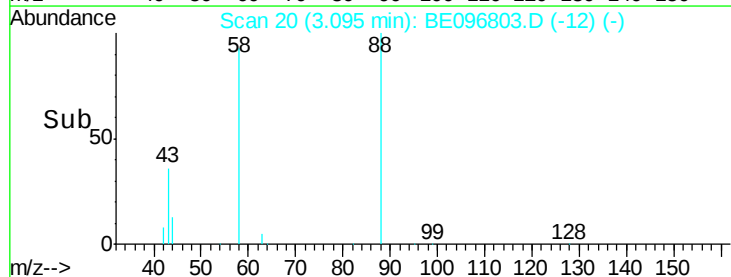
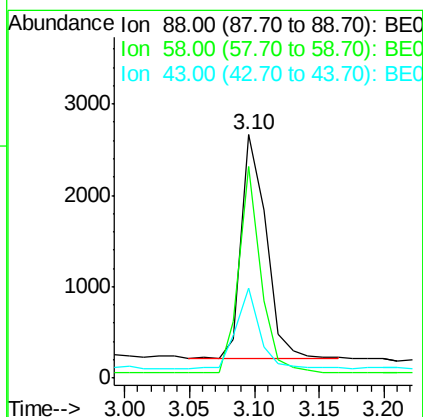
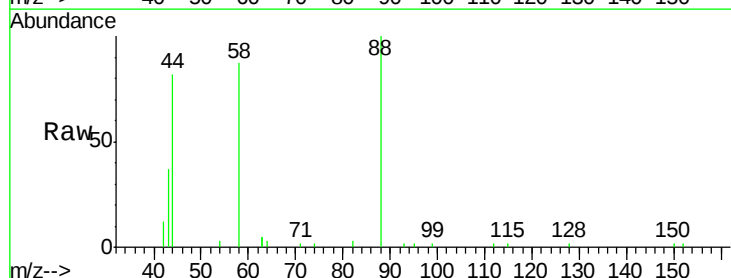
Tgt Ion:152 Resp: 2542  
Ion Ratio Lower Upper  
152 100  
150 153.0 117.2 175.8  
115 65.0 57.0 85.6

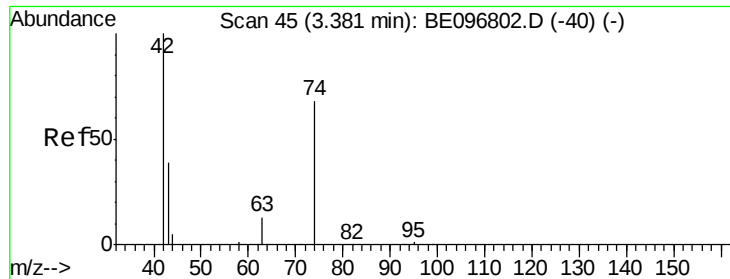


#2

1,4-Dioxane  
Concen: 0.796 ng  
RT: 3.10 min Scan# 20  
Delta R.T. -0.01 min  
Lab File: BE096803.D  
Acq: 18 Jun 2018 11:27

Tgt Ion: 88 Resp: 3271  
Ion Ratio Lower Upper  
88 100  
58 81.6 63.2 94.8  
43 34.1 41.2 61.8#





#3

n-Nitrosodimethylamine

Concen: 0.803 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.00 min

Lab File: BE096803.D

Acq: 18 Jun 2018 11:27

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

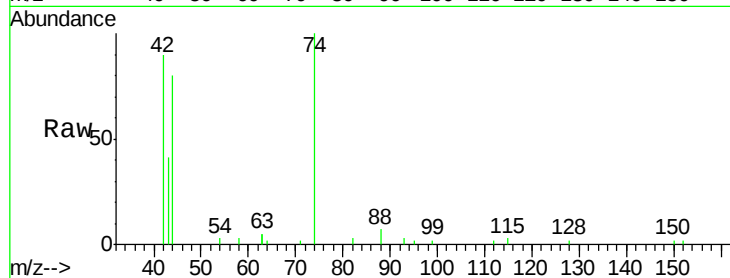
Tgt Ion: 42 Resp: 3697

Ion Ratio Lower Upper

42 100

74 104.9 96.0 144.0

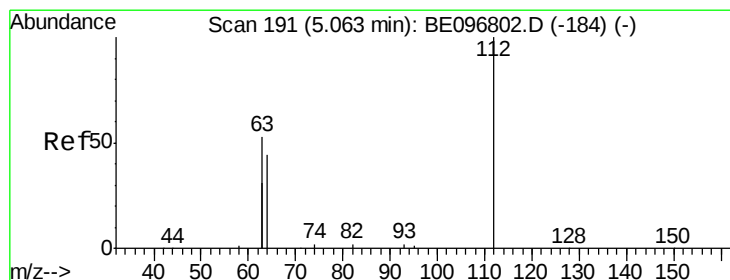
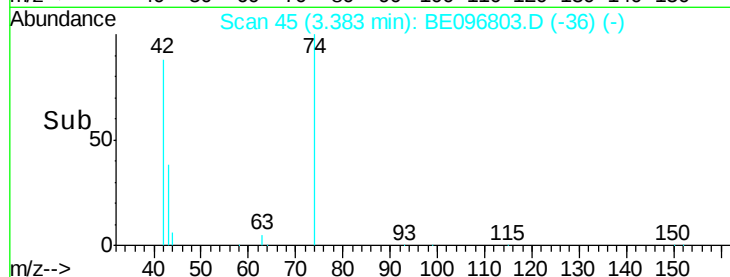
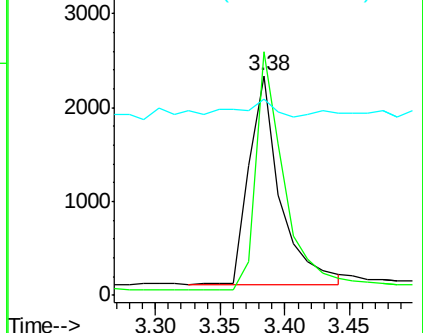
44 8.2 12.0 18.0#



Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol

Concen: 0.619 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.01 min

Lab File: BE096803.D

Acq: 18 Jun 2018 11:27

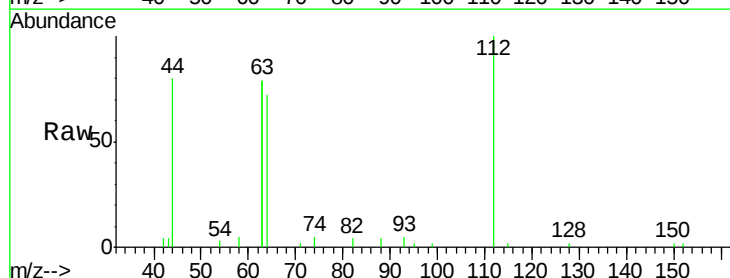
Tgt Ion: 112 Resp: 4335

Ion Ratio Lower Upper

112 100

64 70.8 60.1 90.1

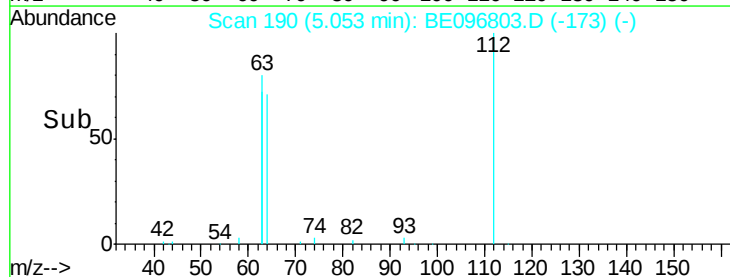
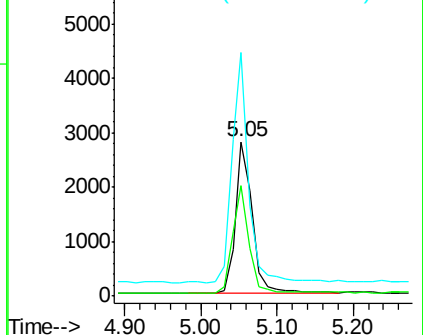
63 150.2 116.8 175.2

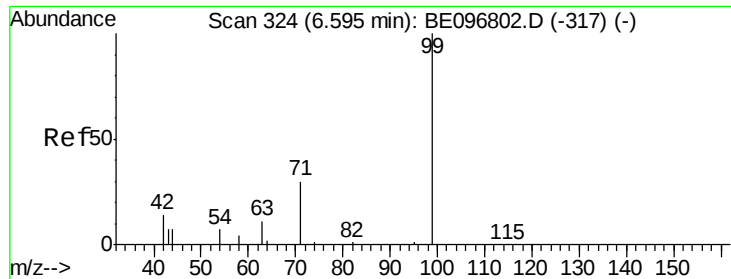


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.616 ng

RT: 6.60 min Scan# 324

Delta R.T. 0.00 min

Lab File: BE096803.D

Acq: 18 Jun 2018 11:27

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

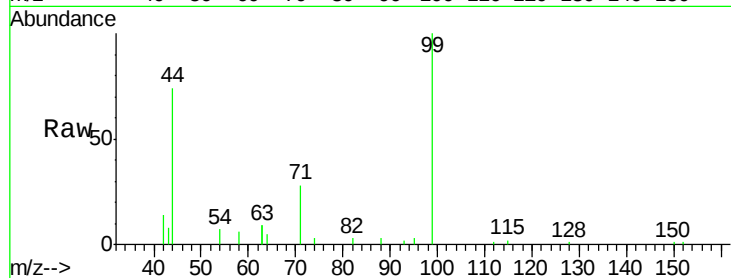
Tgt Ion: 99 Resp: 6549

Ion Ratio Lower Upper

99 100

42 23.9 20.2 30.2

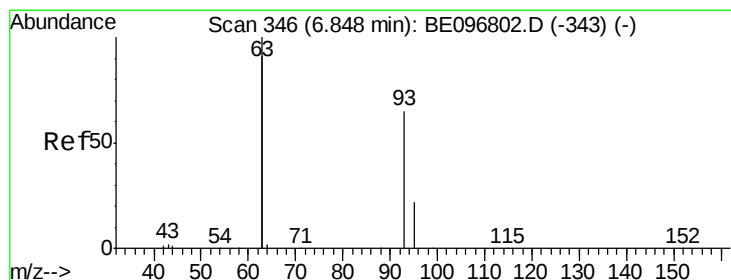
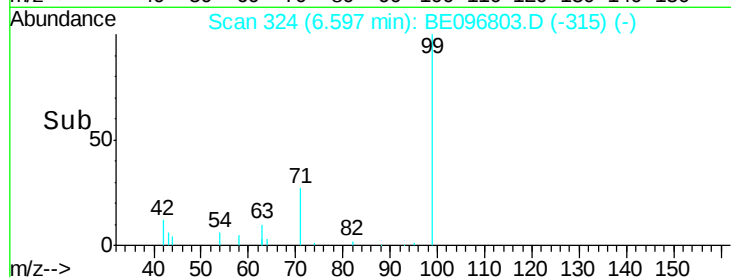
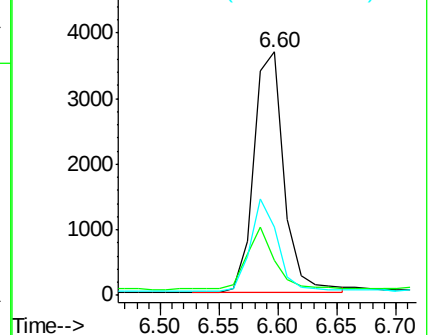
71 35.1 28.4 42.6



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



#6

bis(2-Chloroethyl)ether

Concen: 0.790 ng

RT: 6.85 min Scan# 346

Delta R.T. 0.00 min

Lab File: BE096803.D

Acq: 18 Jun 2018 11:27

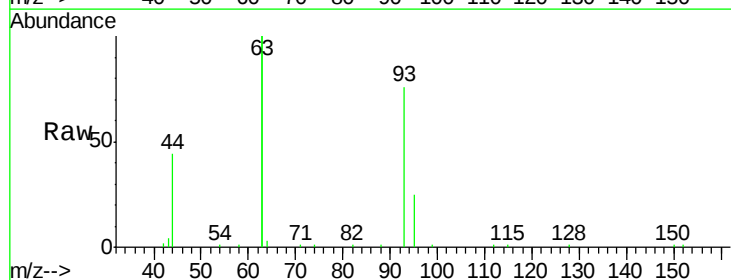
Tgt Ion: 93 Resp: 7925

Ion Ratio Lower Upper

93 100

63 338.9 275.3 412.9

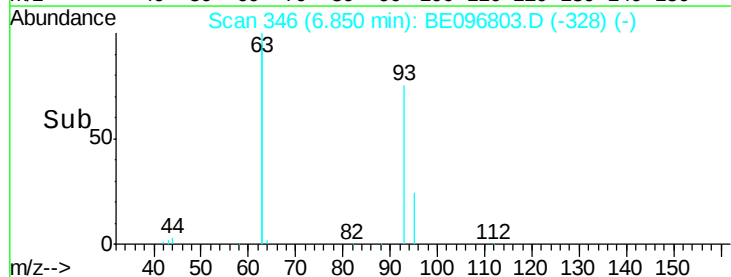
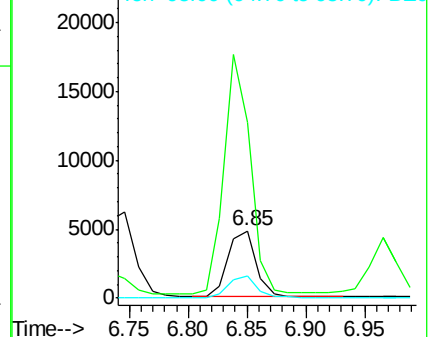
95 32.0 25.2 37.8

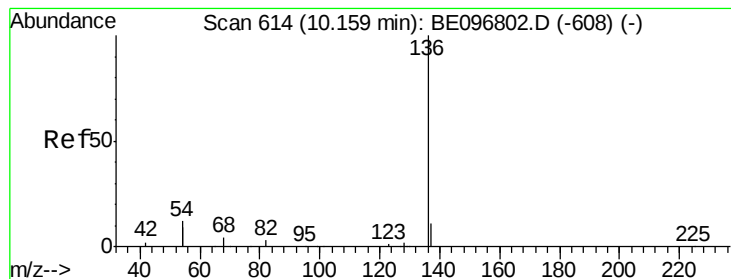


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 614

Delta R.T. -0.00 min

Lab File: BE096803.D

Acq: 18 Jun 2018 11:27

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

Tgt Ion:136 Resp: 12725

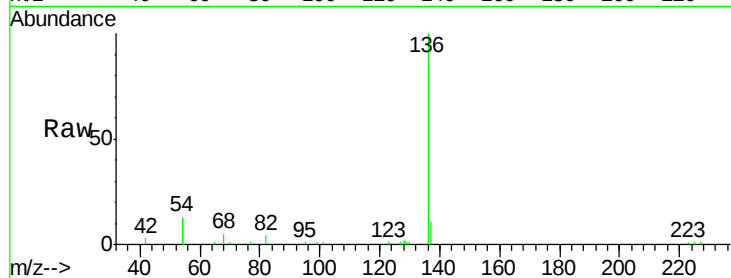
Ion Ratio Lower Upper

136 100

137 11.3 9.5 14.3

54 25.9 29.1 43.7#

68 5.2 6.2 9.2#

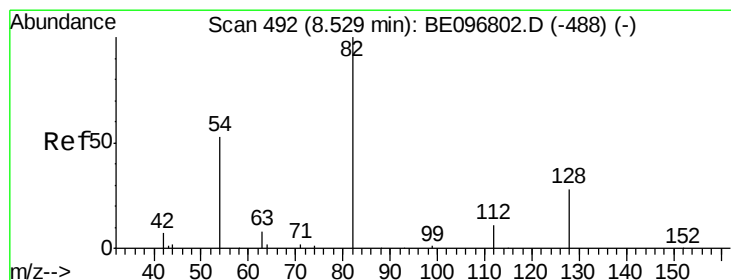
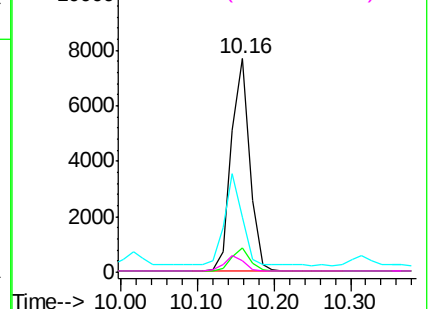
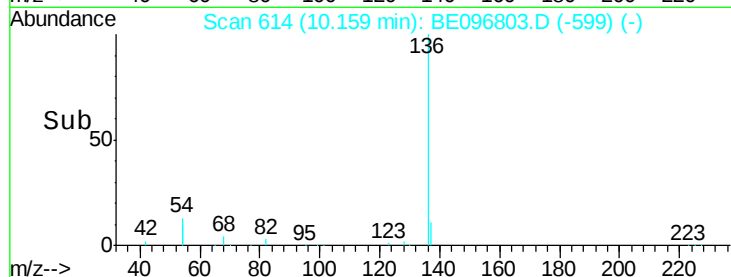


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.660 ng

RT: 8.53 min Scan# 492

Delta R.T. 0.00 min

Lab File: BE096803.D

Acq: 18 Jun 2018 11:27

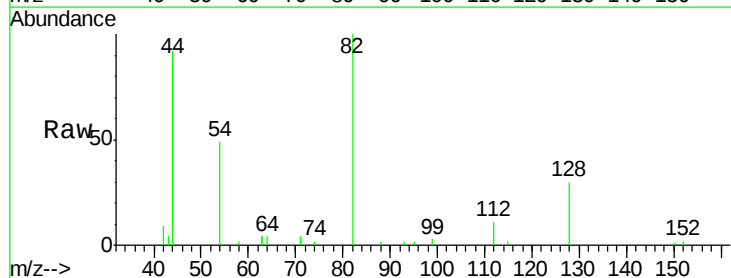
Tgt Ion: 82 Resp: 5552

Ion Ratio Lower Upper

82 100

128 30.4 24.0 36.0

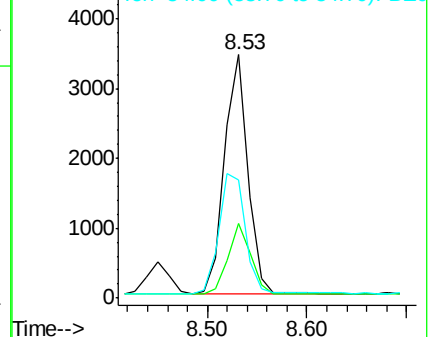
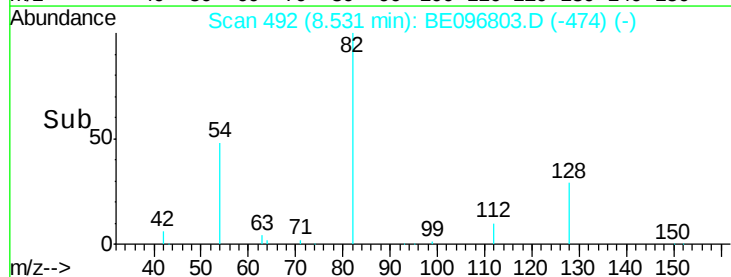
54 48.6 40.0 60.0

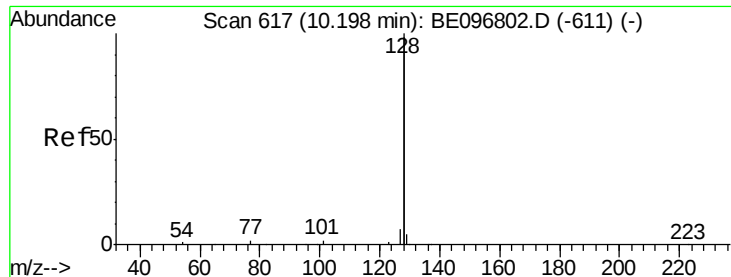


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

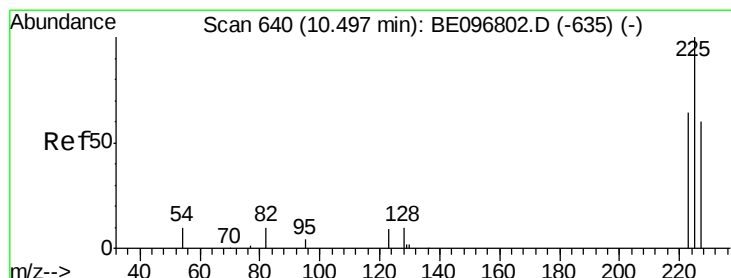
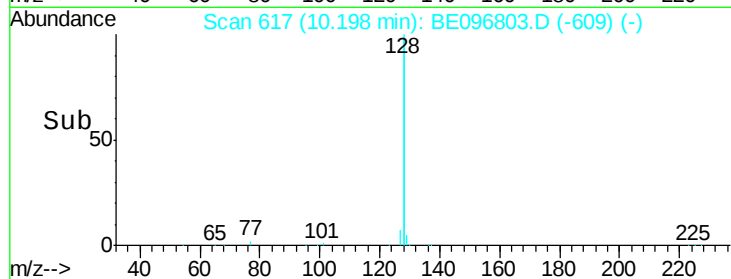
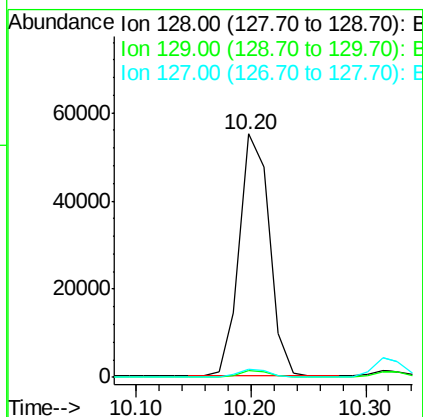
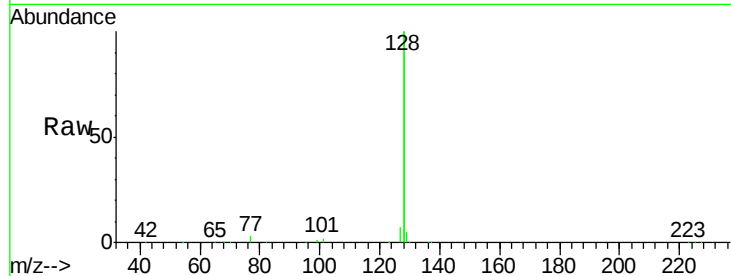




#9  
Naphthalene  
Concen: 0.801 ng  
RT: 10.20 min Scan# 617  
Delta R.T. -0.00 min  
Lab File: BE096803.D  
Acq: 18 Jun 2018 11:27

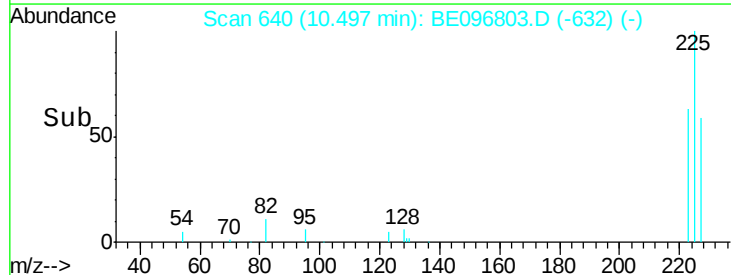
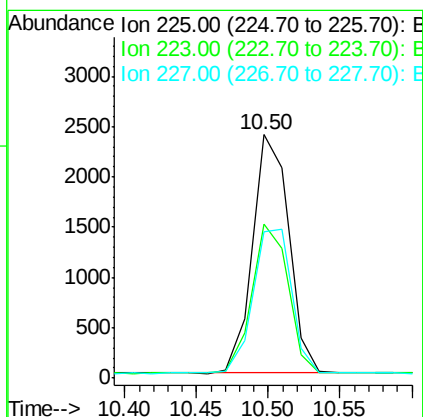
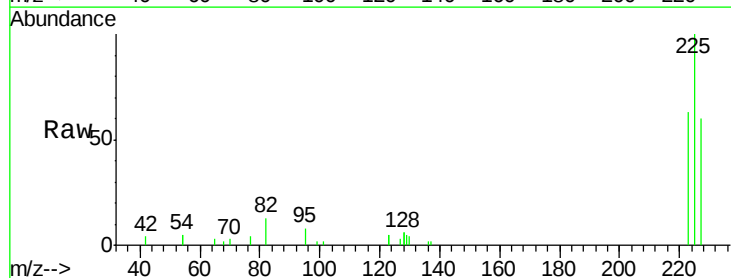
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.8

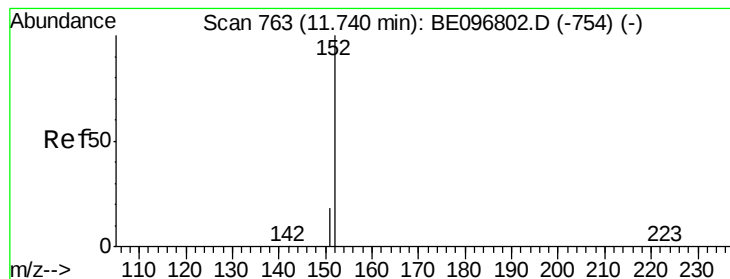
Tgt Ion:128 Resp: 99865  
Ion Ratio Lower Upper  
128 100  
129 2.7 2.6 3.8  
127 3.4 2.8 4.2



#10  
Hexachlorobutadiene  
Concen: 0.811 ng  
RT: 10.50 min Scan# 640  
Delta R.T. -0.00 min  
Lab File: BE096803.D  
Acq: 18 Jun 2018 11:27

Tgt Ion:225 Resp: 4156  
Ion Ratio Lower Upper  
225 100  
223 63.0 53.0 79.6  
227 64.4 51.4 77.2





#11

2-Methylnaphthalene-d10

Concen: 0.773 ng

RT: 11.74 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE096803.D

Acq: 18 Jun 2018 11:27

Instrument :

BNA\_E

ClientSampleId :

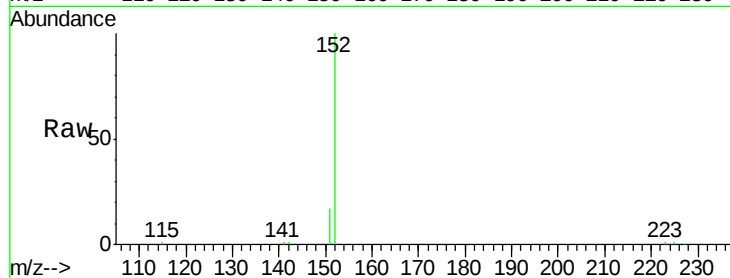
SSTDIC0.8

Tgt Ion:152 Resp: 16148

Ion Ratio Lower Upper

152 100

151 19.3 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.74

10000

8000

6000

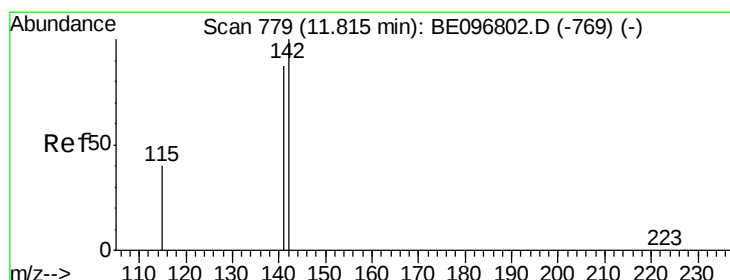
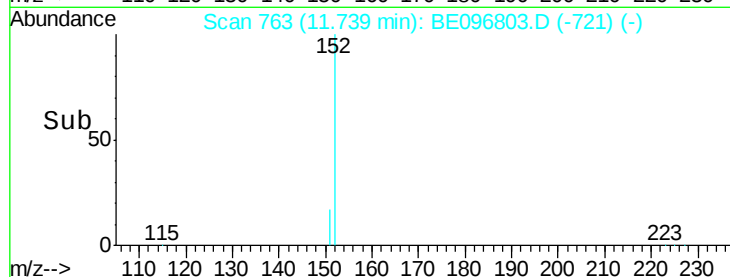
4000

2000

0

Time-->

11.70 11.80



#12

2-Methylnaphthalene

Concen: 0.785 ng

RT: 11.81 min Scan# 779

Delta R.T. -0.00 min

Lab File: BE096803.D

Acq: 18 Jun 2018 11:27

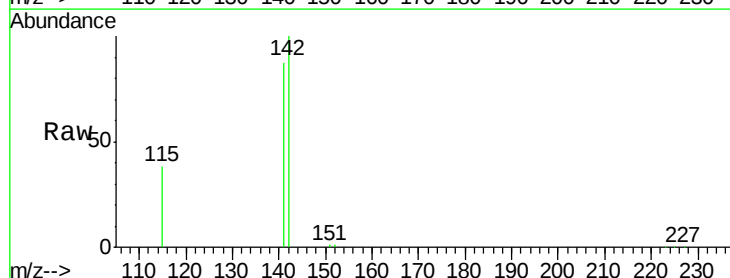
Tgt Ion:142 Resp: 16855

Ion Ratio Lower Upper

142 100

141 86.8 70.4 105.6

115 37.7 31.7 47.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

11.81

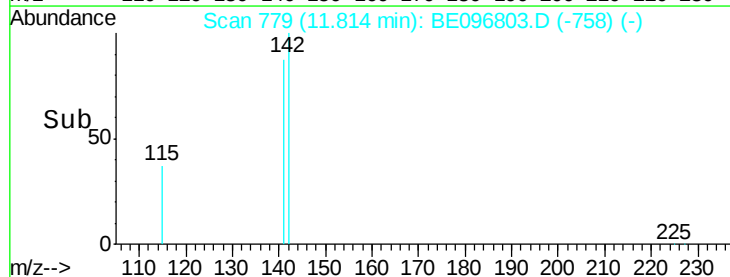
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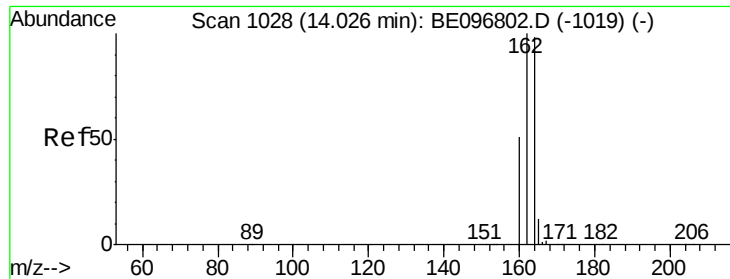
5000

0

Time-->

11.70 11.80 11.90

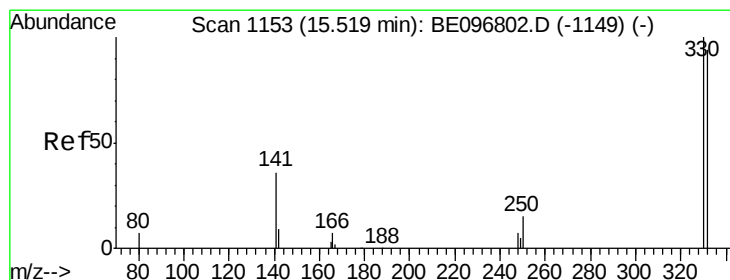
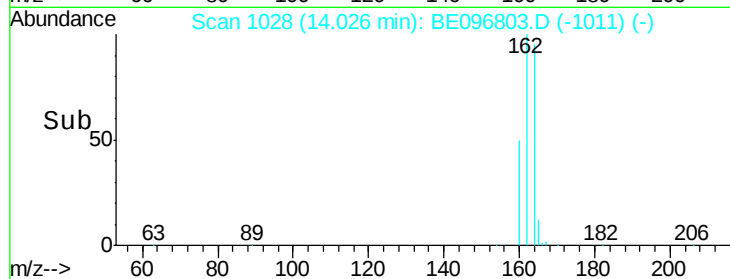
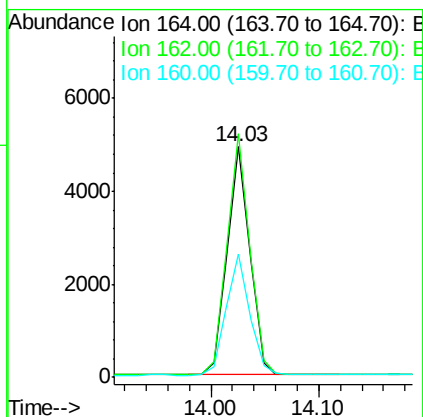
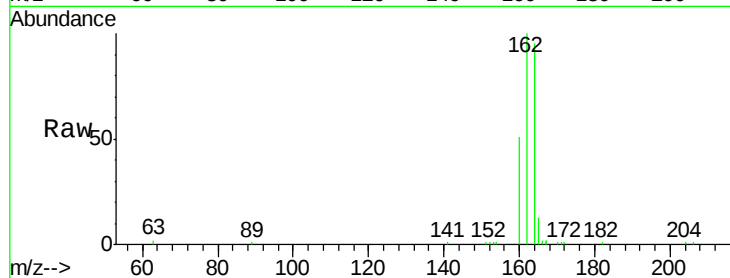




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.03 min Scan# 1028  
Delta R.T. 0.00 min  
Lab File: BE096803.D  
Acq: 18 Jun 2018 11:27

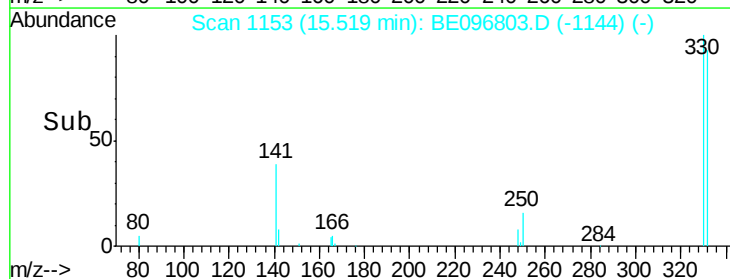
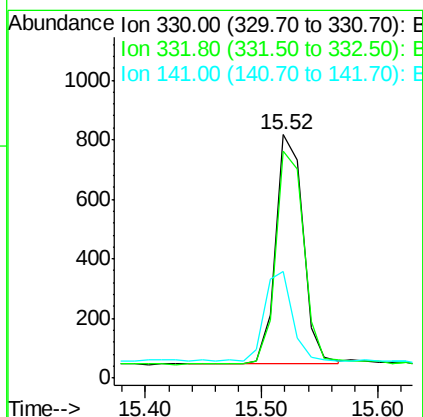
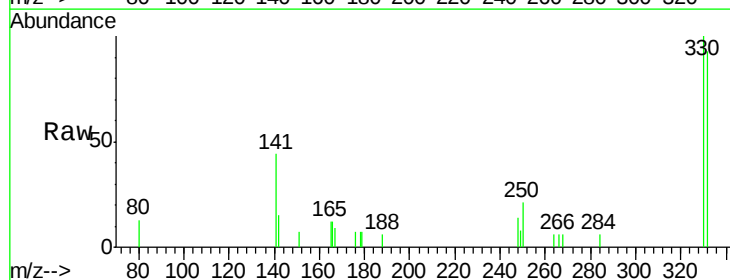
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.8

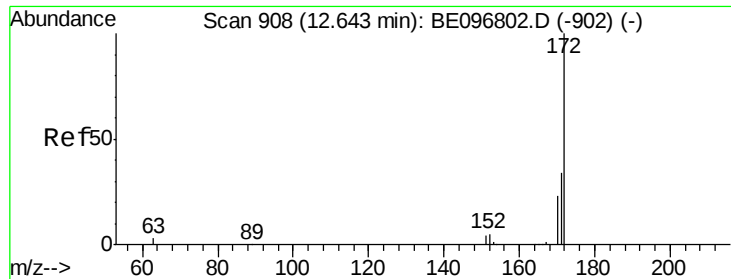
Tgt Ion:164 Resp: 7098  
Ion Ratio Lower Upper  
164 100  
162 105.7 83.1 124.7  
160 53.8 37.1 55.7



#14  
2,4,6-Tribromophenol  
Concen: 0.547 ng  
RT: 15.52 min Scan# 1153  
Delta R.T. -0.00 min  
Lab File: BE096803.D  
Acq: 18 Jun 2018 11:27

Tgt Ion:330 Resp: 1249  
Ion Ratio Lower Upper  
330 100  
332 95.2 152.7 229.1#  
141 40.9 33.7 50.5

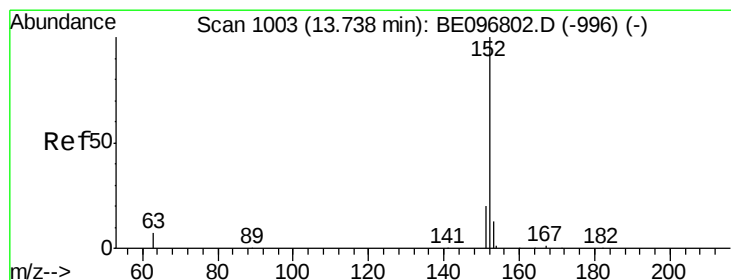
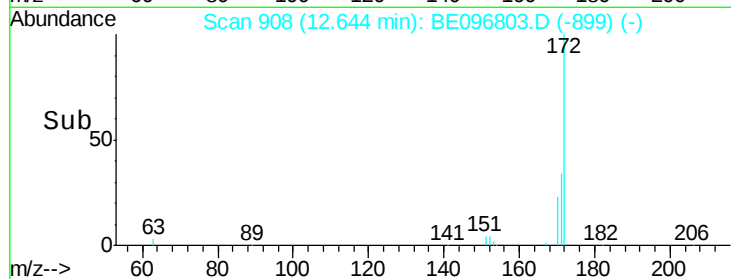
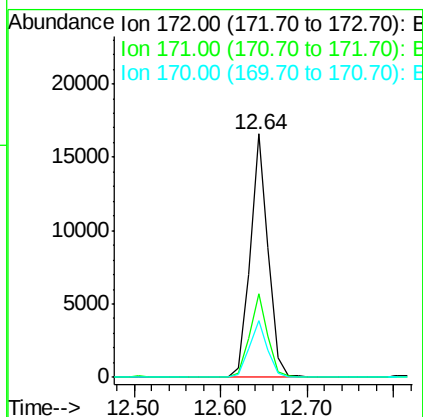
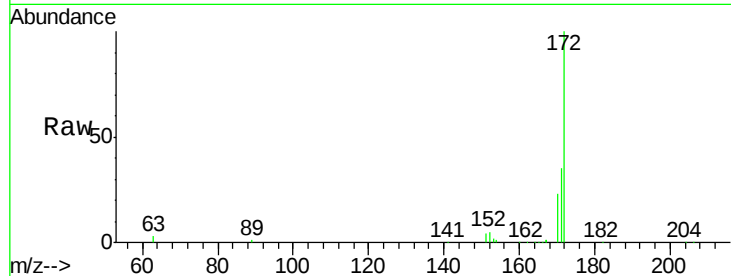




#15  
2-Fluorobiphenyl  
Concen: 0.850 ng  
RT: 12.64 min Scan# 908  
Delta R.T. 0.00 min  
Lab File: BE096803.D  
Acq: 18 Jun 2018 11:27

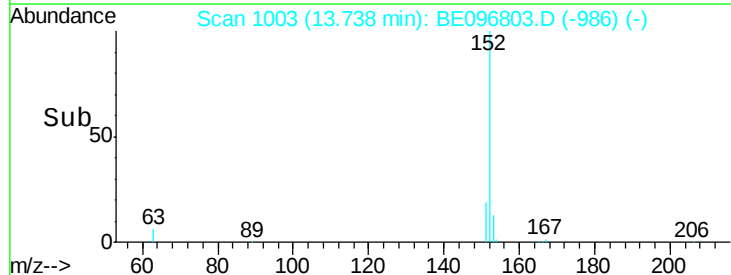
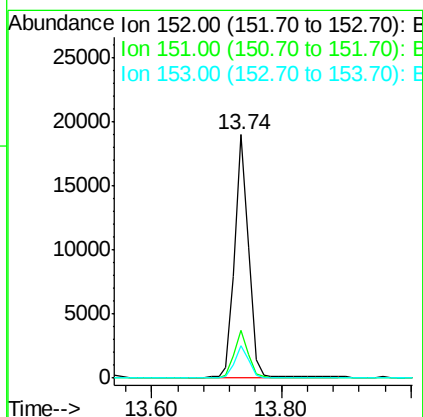
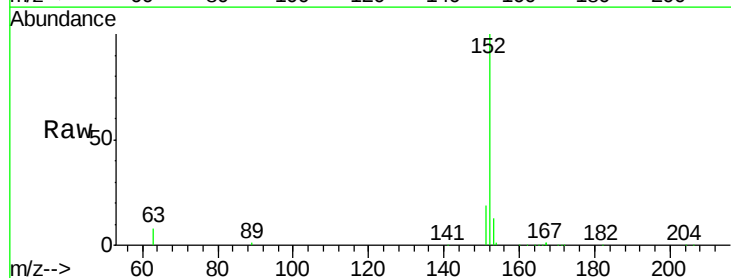
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.8

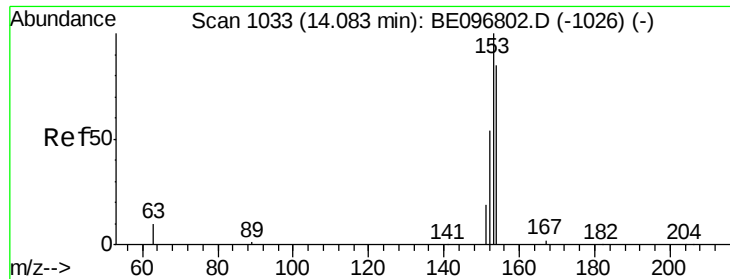
Tgt Ion:172 Resp: 23759  
Ion Ratio Lower Upper  
172 100  
171 34.6 29.9 44.9  
170 23.4 21.8 32.8



#16  
Acenaphthylene  
Concen: 0.807 ng  
RT: 13.74 min Scan# 1003  
Delta R.T. 0.00 min  
Lab File: BE096803.D  
Acq: 18 Jun 2018 11:27

Tgt Ion:152 Resp: 27724  
Ion Ratio Lower Upper  
152 100  
151 19.5 15.7 23.5  
153 13.0 10.5 15.7





#17

Acenaphthene

Concen: 0.818 ng

RT: 14.08 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BE096803.D

Acq: 18 Jun 2018 11:27

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

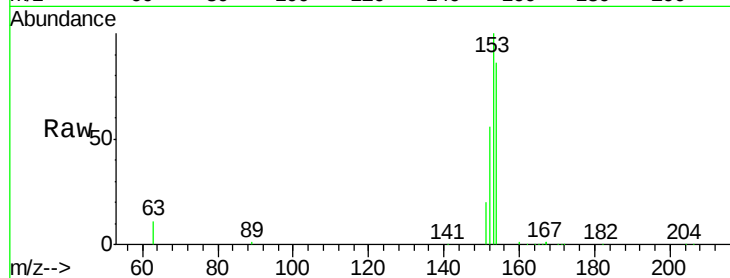
Tgt Ion:154 Resp: 18519

Ion Ratio Lower Upper

154 100

153 113.9 89.2 133.8

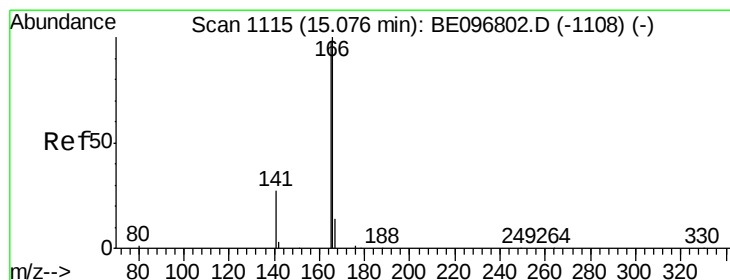
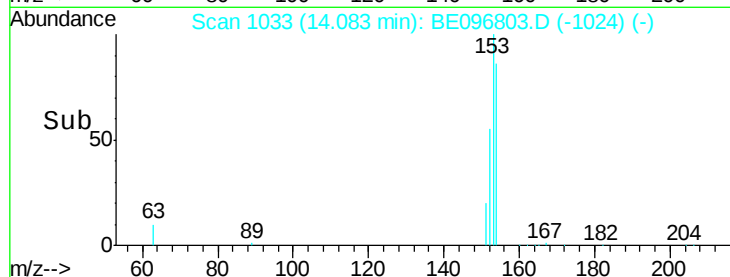
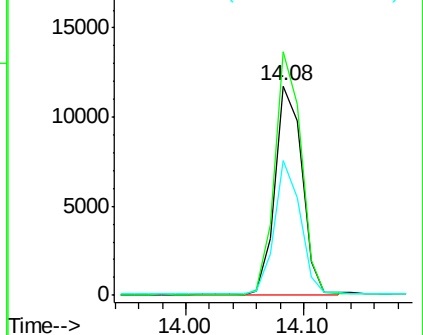
152 61.8 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.806 ng

RT: 15.08 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE096803.D

Acq: 18 Jun 2018 11:27

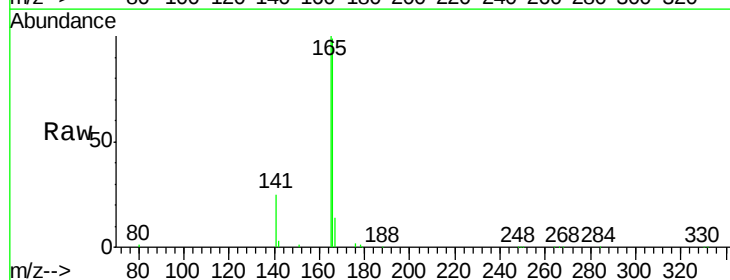
Tgt Ion:166 Resp: 21928

Ion Ratio Lower Upper

166 100

165 99.8 77.8 116.6

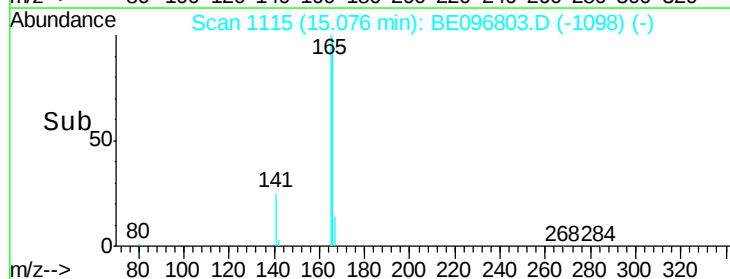
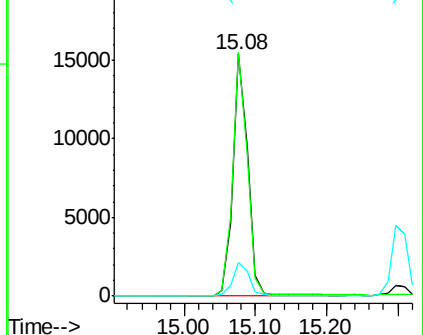
167 14.6 42.4 63.6#

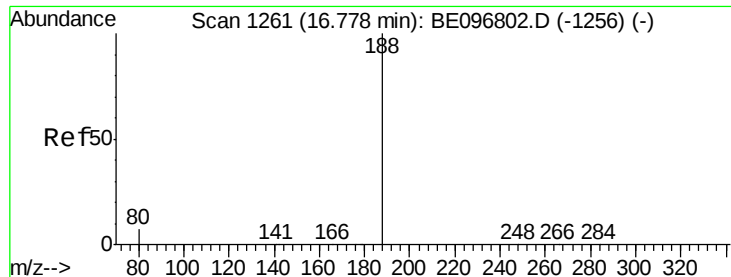


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.78 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BE096803.D

Acq: 18 Jun 2018 11:27

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

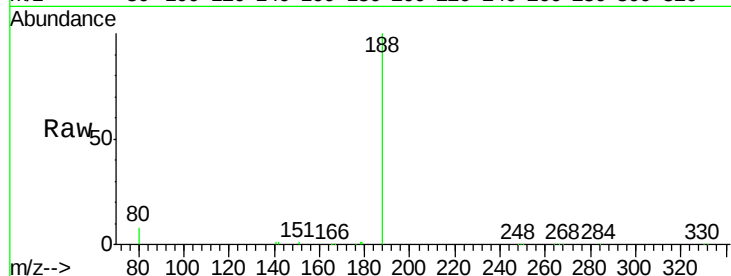
Tgt Ion:188 Resp: 19456

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

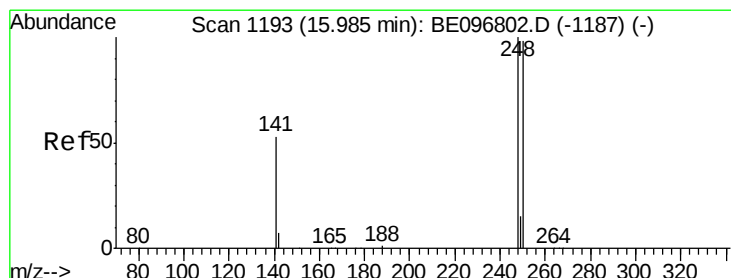
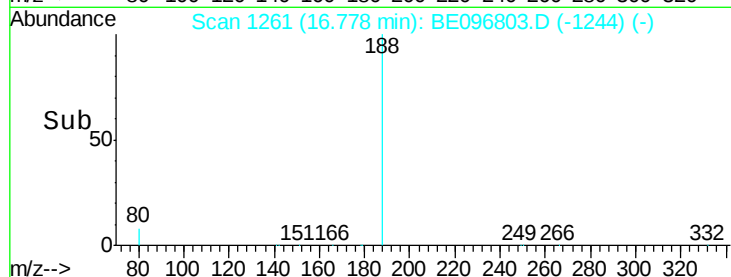
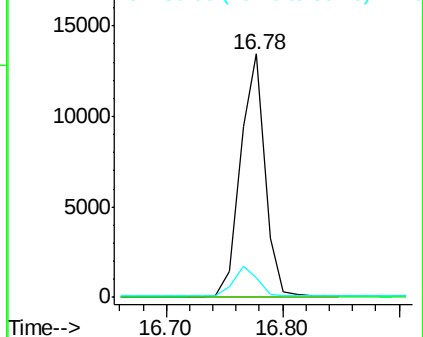
80 8.2 3.6 5.4#



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



#20

4-Bromophenyl-phenylether

Concen: 0.809 ng

RT: 15.99 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BE096803.D

Acq: 18 Jun 2018 11:27

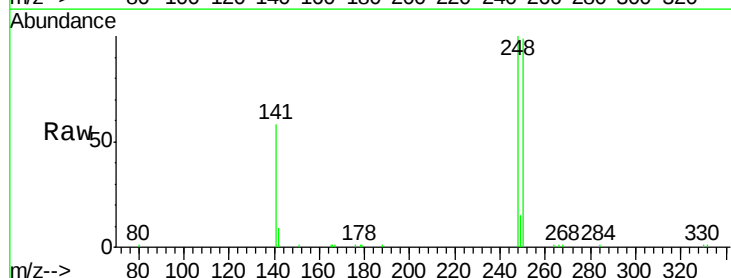
Tgt Ion:248 Resp: 7773

Ion Ratio Lower Upper

248 100

250 98.9 62.7 94.1#

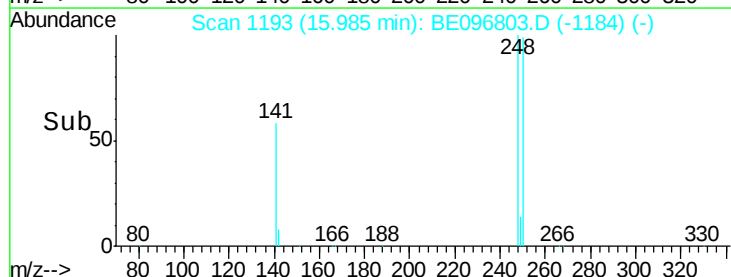
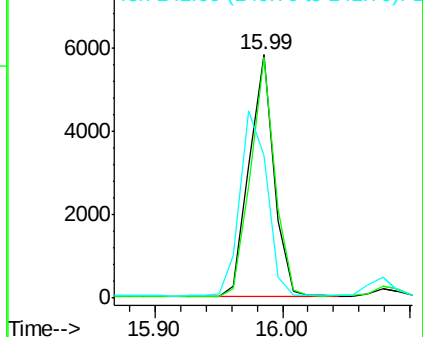
141 58.5 48.2 72.2

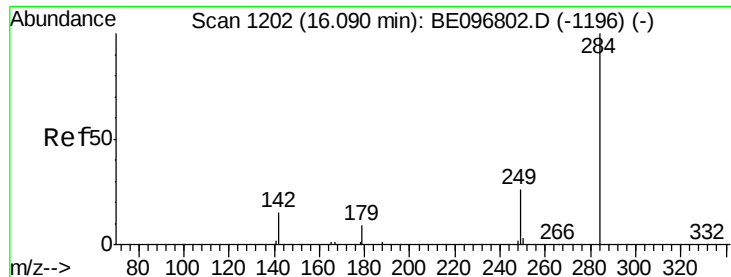


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.831 ng

RT: 16.09 min Scan# 1202

Delta R.T. -0.00 min

Lab File: BE096803.D

Acq: 18 Jun 2018 11:27

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

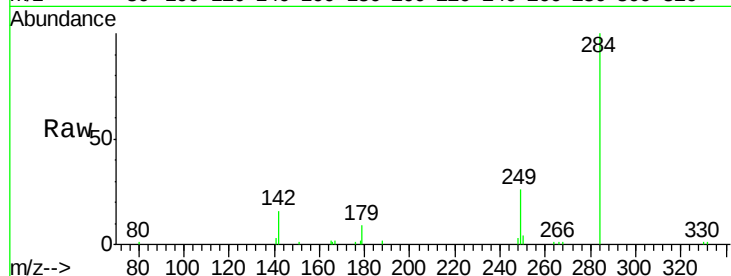
Tgt Ion:284 Resp: 9035

Ion Ratio Lower Upper

284 100

142 39.7 22.1 33.1#

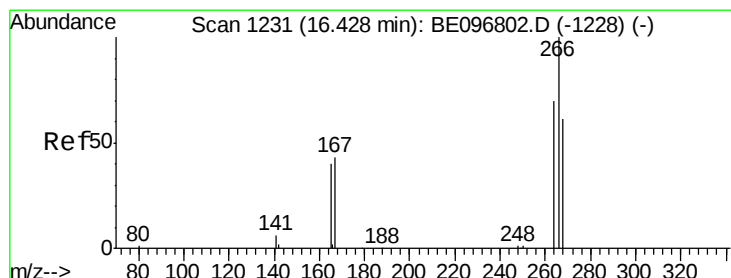
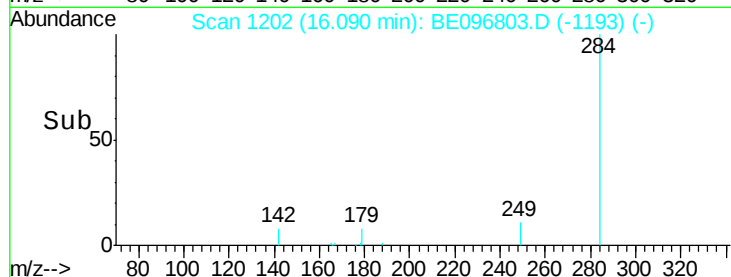
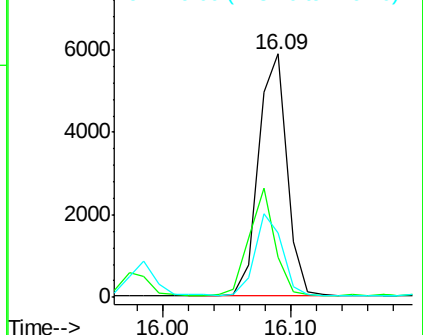
249 31.8 34.8 52.2#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.597 ng

RT: 16.43 min Scan# 1231

Delta R.T. -0.00 min

Lab File: BE096803.D

Acq: 18 Jun 2018 11:27

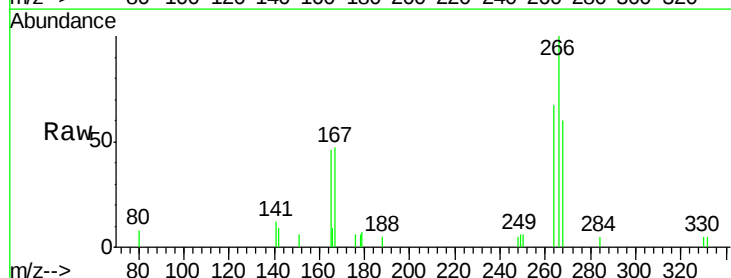
Tgt Ion:266 Resp: 1513

Ion Ratio Lower Upper

266 100

264 67.0 72.5 108.7#

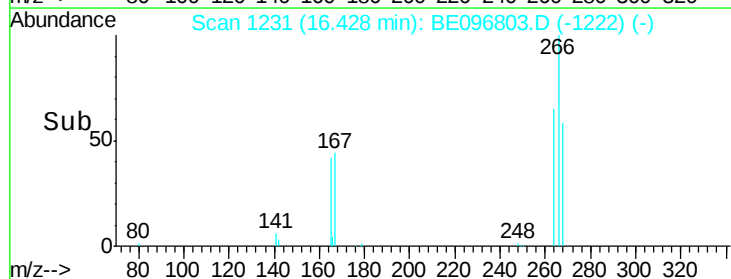
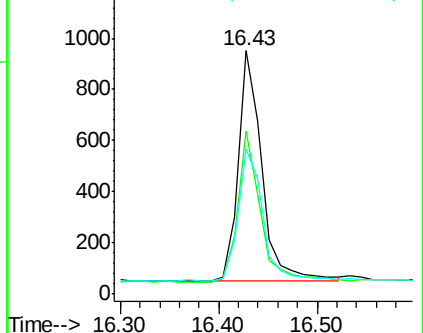
268 59.8 73.8 110.6#

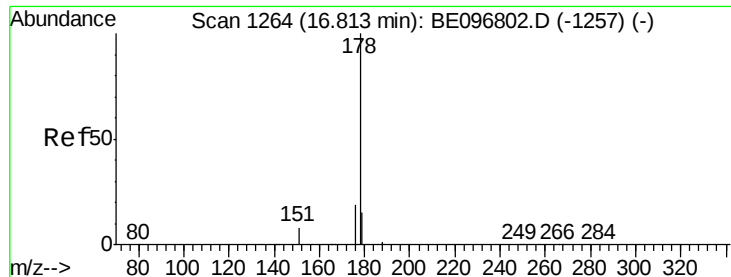


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.815 ng

RT: 16.81 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BE096803.D

Acq: 18 Jun 2018 11:27

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

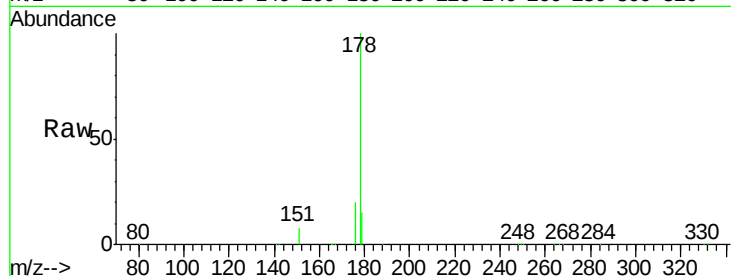
Tgt Ion:178 Resp: 43034

Ion Ratio Lower Upper

178 100

176 19.5 15.1 22.7

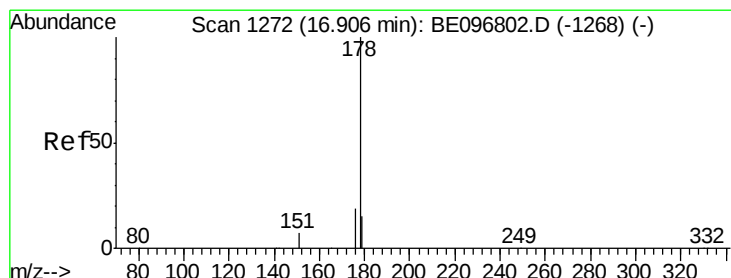
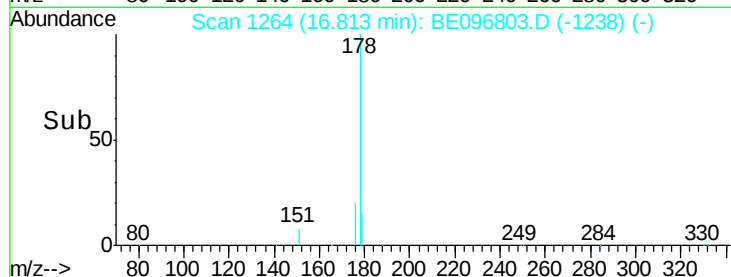
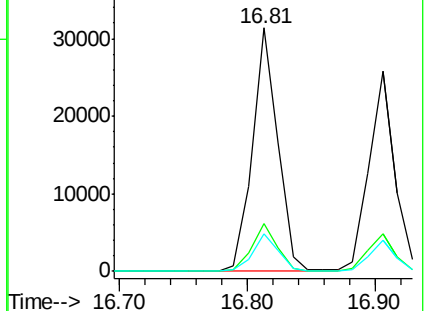
179 15.3 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.797 ng

RT: 16.91 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BE096803.D

Acq: 18 Jun 2018 11:27

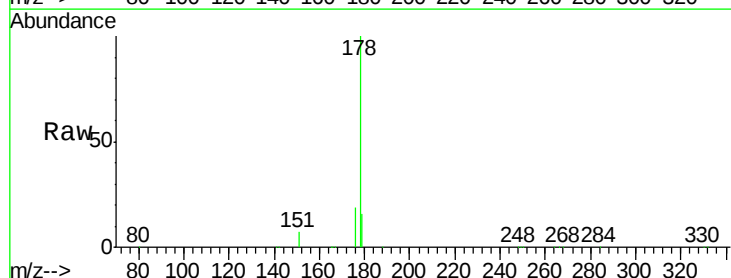
Tgt Ion:178 Resp: 35985

Ion Ratio Lower Upper

178 100

176 18.9 12.8 19.2

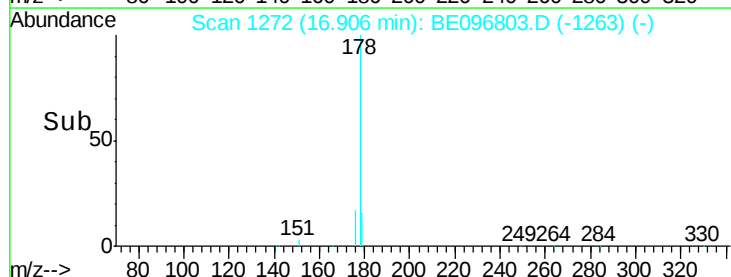
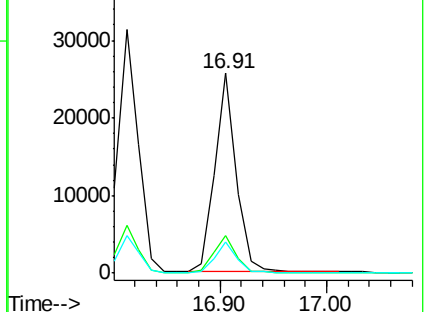
179 15.3 13.0 19.6

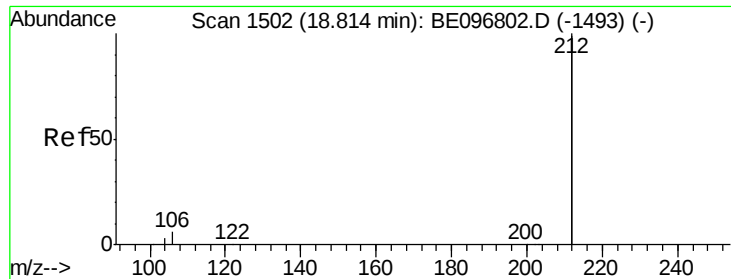


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.790 ng

RT: 18.81 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BE096803.D

Acq: 18 Jun 2018 11:27

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

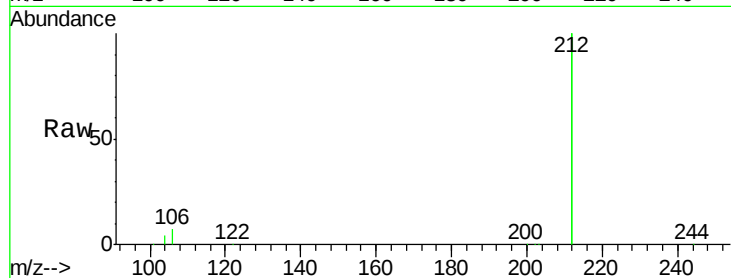
Tgt Ion:212 Resp: 157732

Ion Ratio Lower Upper

212 100

106 3.5 2.8 4.2

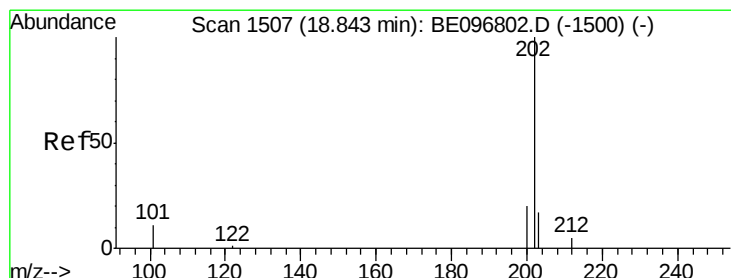
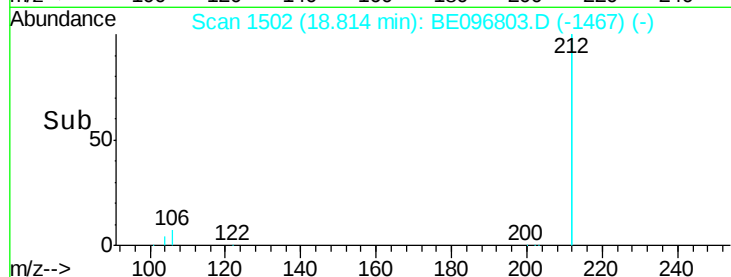
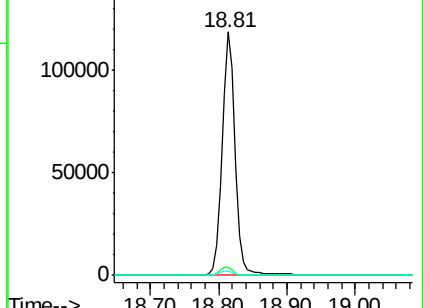
104 1.9 1.6 2.4



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



#26

Fluoranthene

Concen: 0.814 ng

RT: 18.84 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BE096803.D

Acq: 18 Jun 2018 11:27

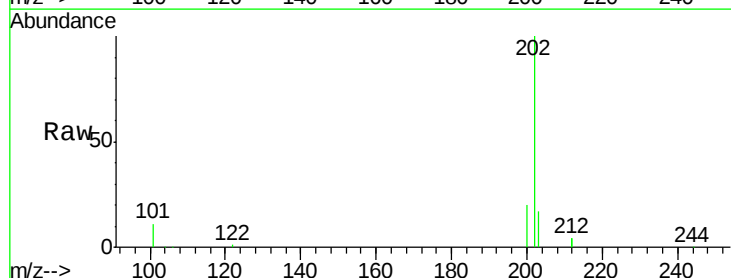
Tgt Ion:202 Resp: 47299

Ion Ratio Lower Upper

202 100

101 11.6 9.8 14.8

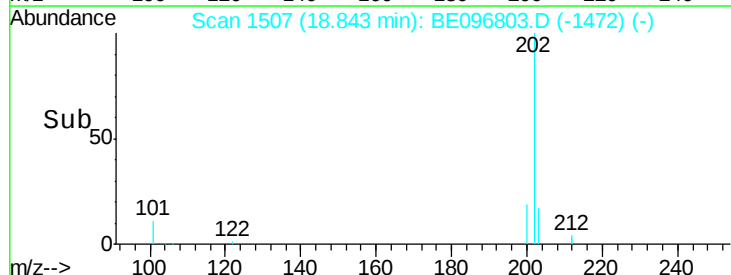
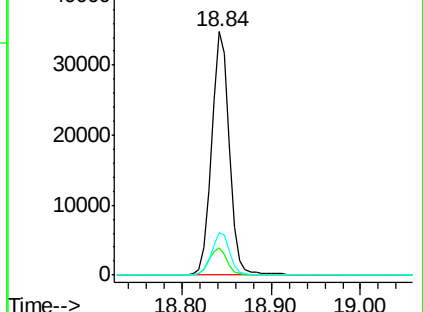
203 17.3 13.7 20.5

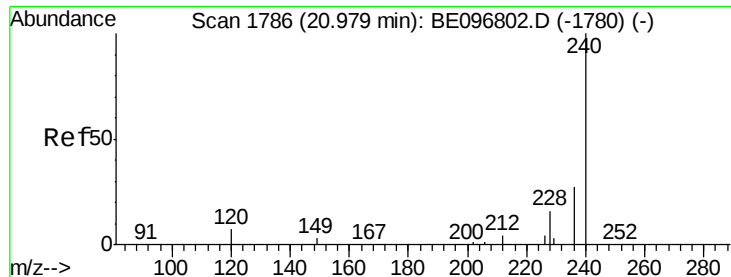


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 20.98 min Scan# 1786

Delta R.T. -0.00 min

Lab File: BE096803.D

Acq: 18 Jun 2018 11:27

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

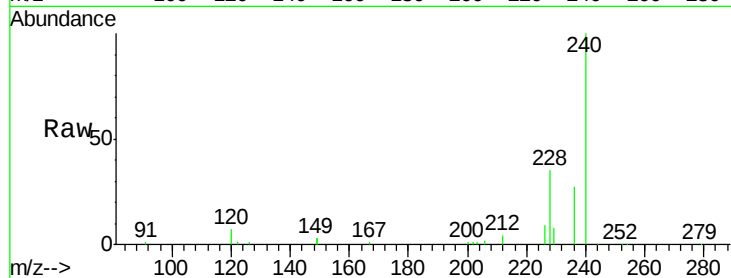
Tgt Ion:240 Resp: 17318

Ion Ratio Lower Upper

240 100

120 6.6 5.5 8.3

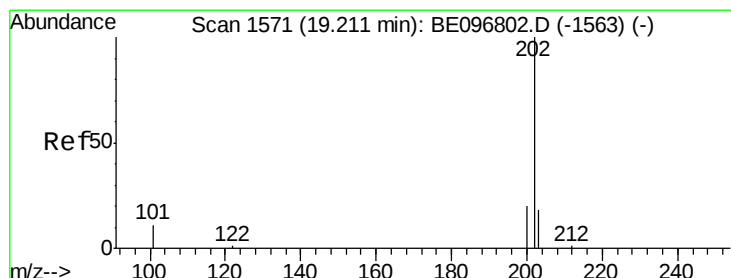
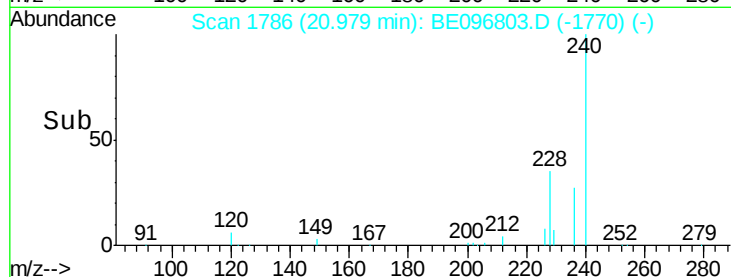
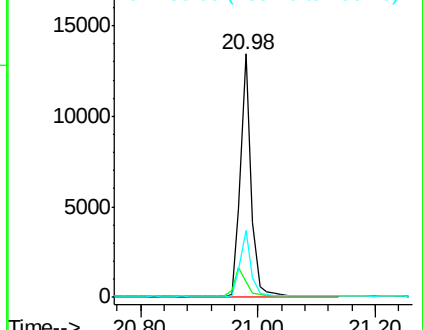
236 27.4 20.7 31.1



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



#28

Pyrene

Concen: 0.813 ng

RT: 19.21 min Scan# 1571

Delta R.T. -0.00 min

Lab File: BE096803.D

Acq: 18 Jun 2018 11:27

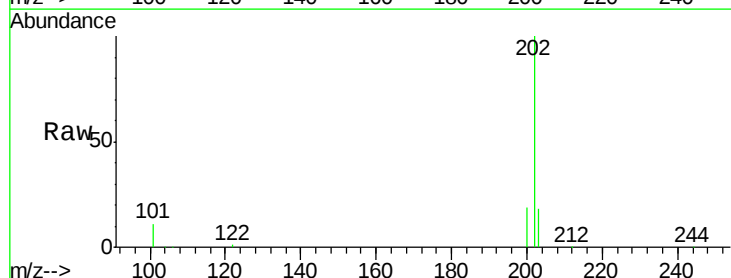
Tgt Ion:202 Resp: 45235

Ion Ratio Lower Upper

202 100

200 19.6 16.6 25.0

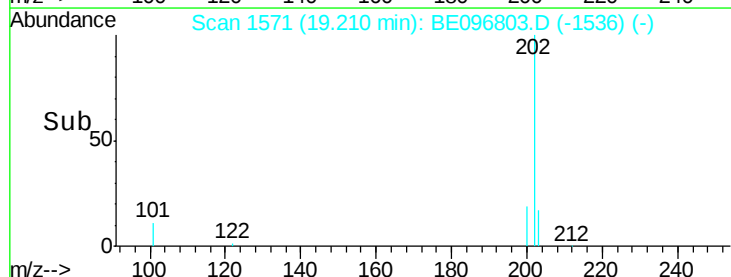
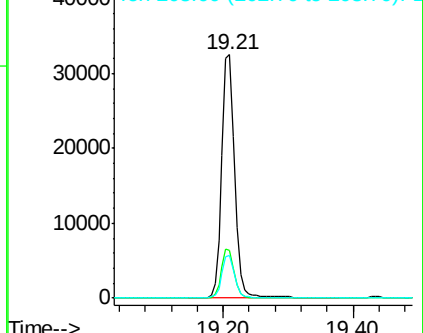
203 17.2 13.8 20.8

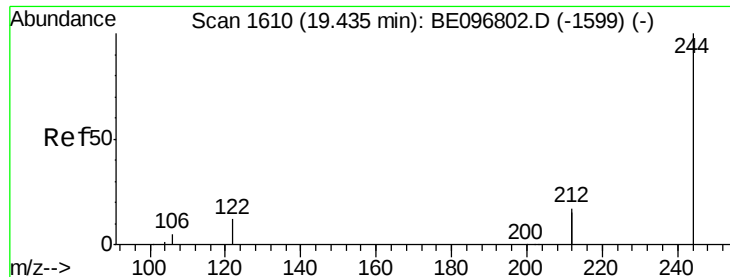


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.823 ng

RT: 19.43 min Scan# 1610

Delta R.T. -0.00 min

Lab File: BE096803.D

Acq: 18 Jun 2018 11:27

Instrument :

BNA\_E

ClientSampleId :

SSTDICC0.8

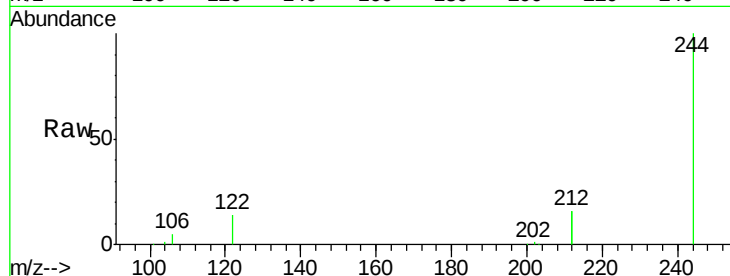
Tgt Ion:244 Resp: 31364

Ion Ratio Lower Upper

244 100

212 32.8 25.4 38.0

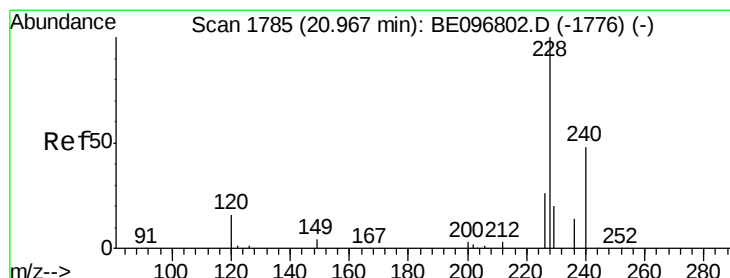
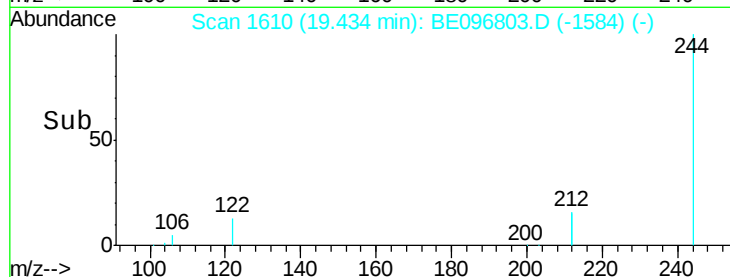
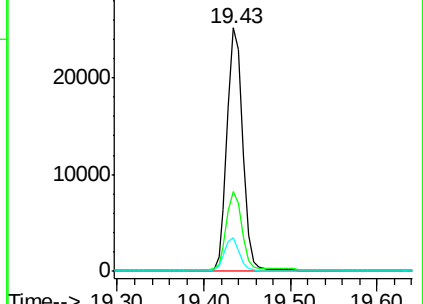
122 13.6 8.1 12.1#



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



#30

Benzo(a)anthracene

Concen: 0.741 ng

RT: 20.97 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BE096803.D

Acq: 18 Jun 2018 11:27

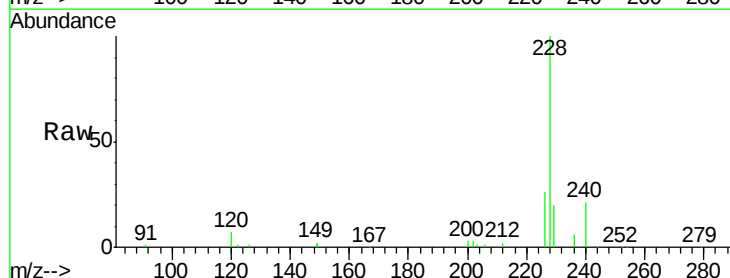
Tgt Ion:228 Resp: 33860

Ion Ratio Lower Upper

228 100

226 26.2 24.0 36.0

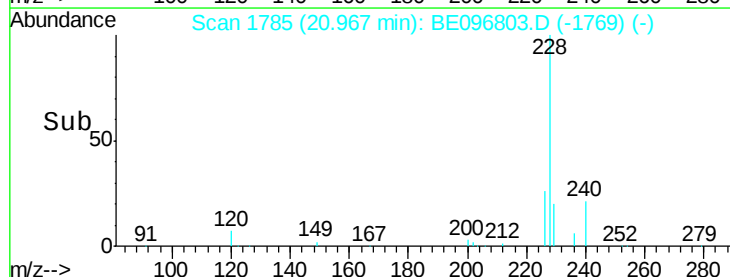
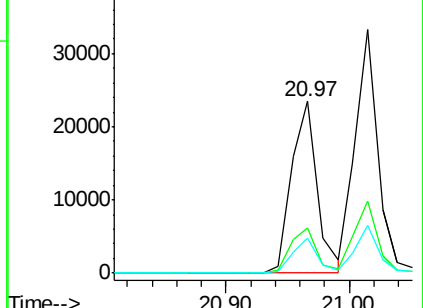
229 20.0 16.0 24.0

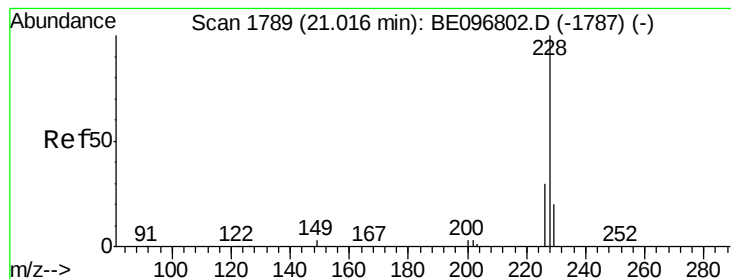


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.808 ng

RT: 21.02 min Scan# 1789

Delta R.T. -0.00 min

Lab File: BE096803.D

Acq: 18 Jun 2018 11:27

Instrument :

BNA\_E

ClientSampleId :

SSTDICC0.8

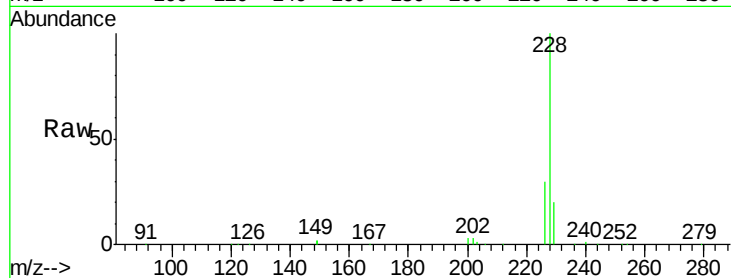
Tgt Ion:228 Resp: 42650

Ion Ratio Lower Upper

228 100

226 29.8 24.0 36.0

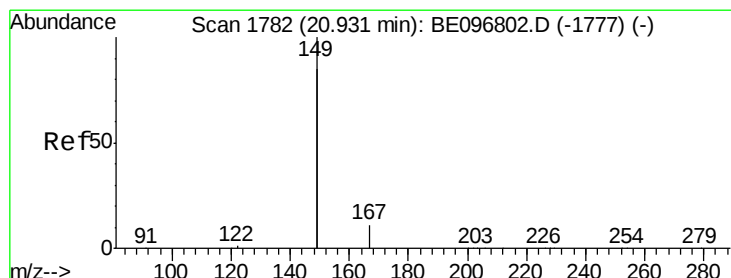
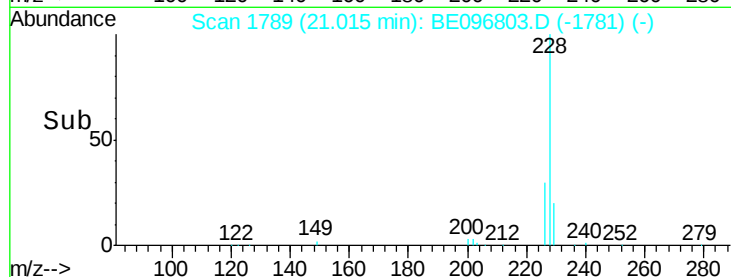
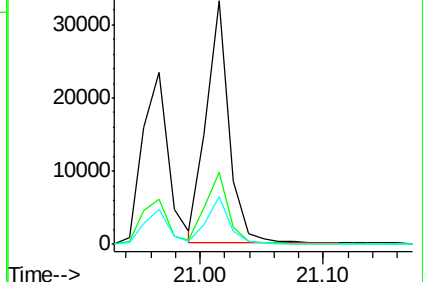
229 19.8 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.538 ng

RT: 20.93 min Scan# 1782

Delta R.T. -0.00 min

Lab File: BE096803.D

Acq: 18 Jun 2018 11:27

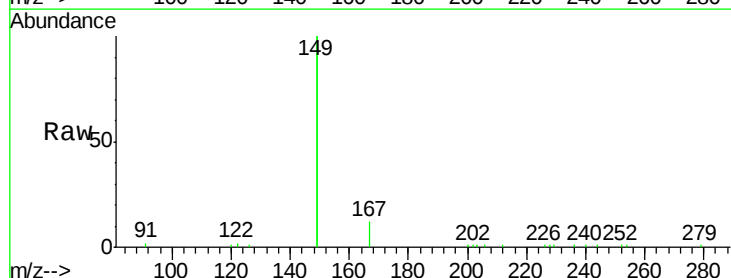
Tgt Ion:149 Resp: 23500

Ion Ratio Lower Upper

149 100

167 6.3 5.4 8.0

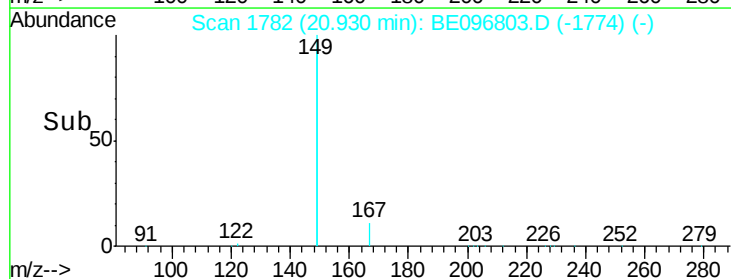
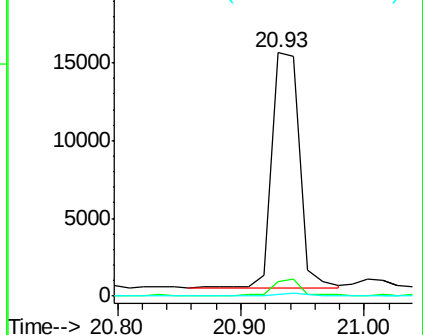
279 0.9 0.7 1.1

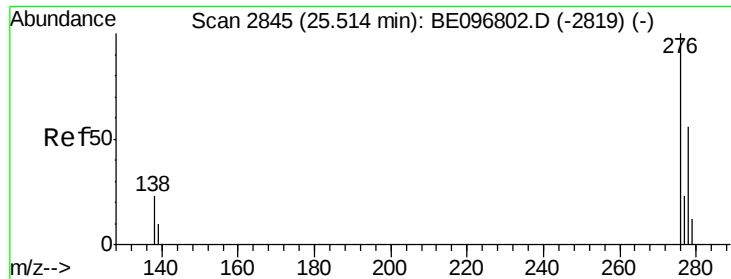


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.686 ng

RT: 25.51 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BE096803.D

Acq: 18 Jun 2018 11:27

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

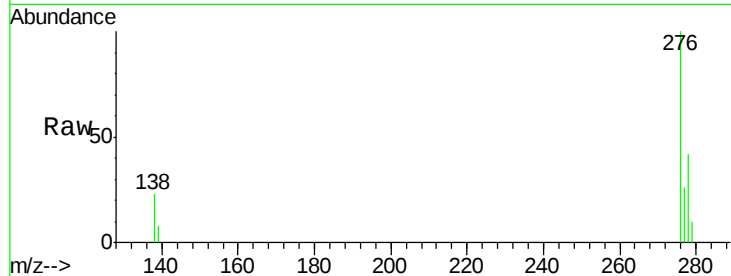
Tgt Ion:276 Resp: 31324

Ion Ratio Lower Upper

276 100

138 24.4 22.5 33.7

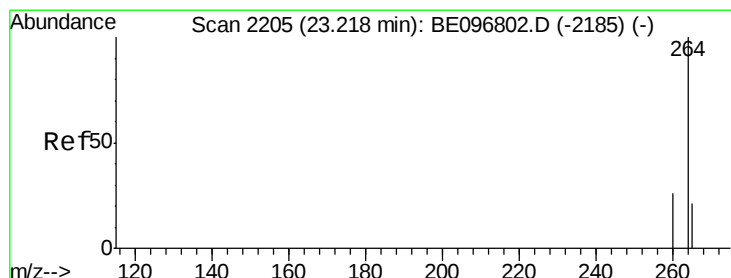
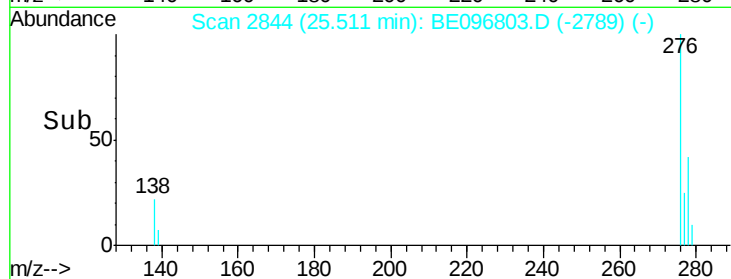
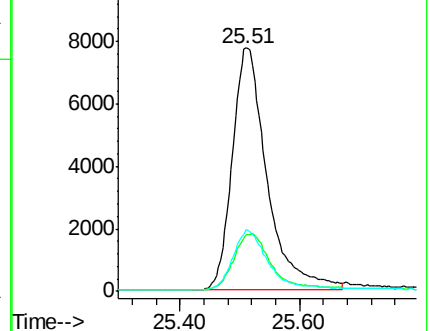
277 24.9 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.21 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BE096803.D

Acq: 18 Jun 2018 11:27

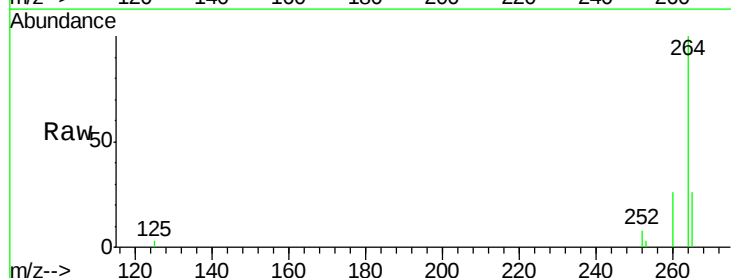
Tgt Ion:264 Resp: 13441

Ion Ratio Lower Upper

264 100

260 26.1 20.5 30.7

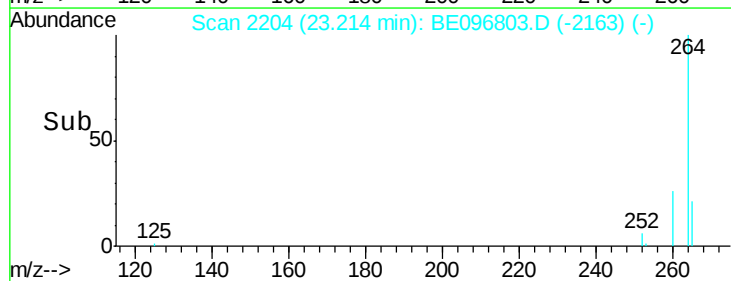
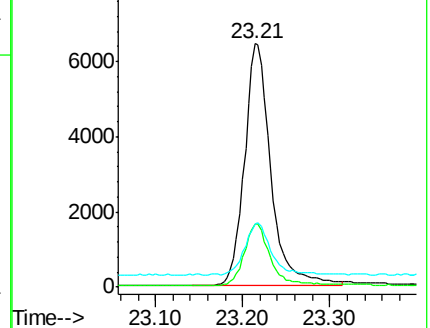
265 25.8 22.8 34.2

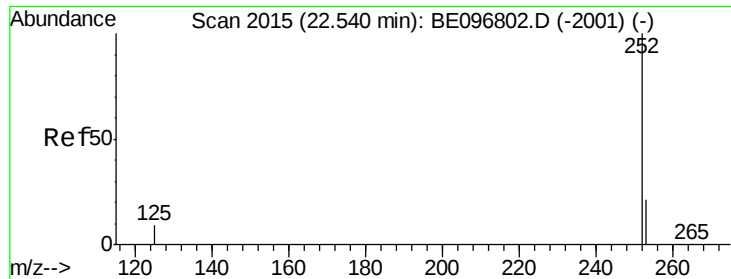


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.819 ng

RT: 22.54 min Scan# 2015

Delta R.T. 0.00 min

Lab File: BE096803.D

Acq: 18 Jun 2018 11:27

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

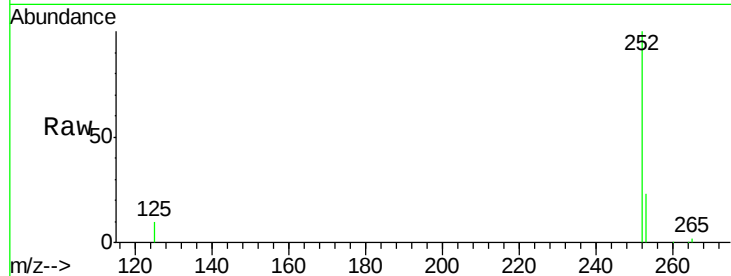
Tgt Ion:252 Resp: 31287

Ion Ratio Lower Upper

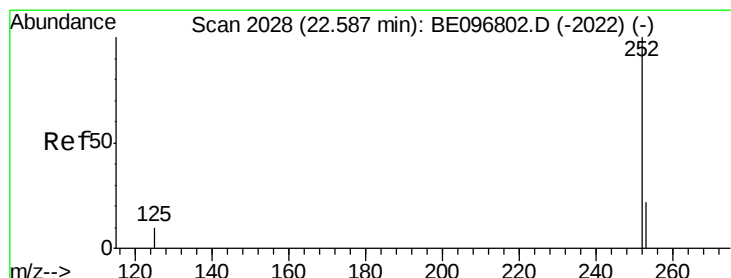
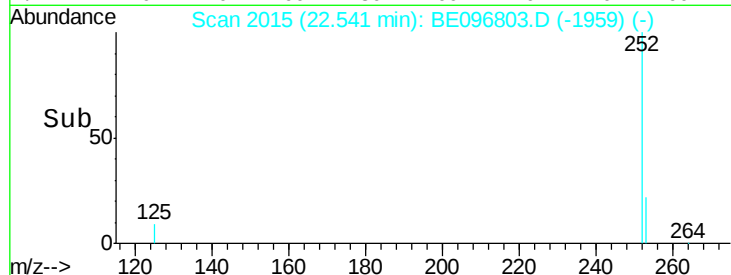
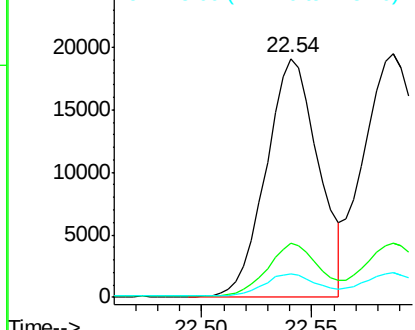
252 100

253 22.6 20.0 30.0

125 10.0 16.0 24.0#



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.884 ng

RT: 22.59 min Scan# 2028

Delta R.T. 0.00 min

Lab File: BE096803.D

Acq: 18 Jun 2018 11:27

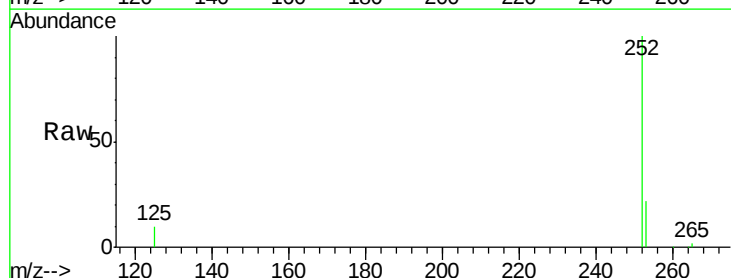
Tgt Ion:252 Resp: 38525

Ion Ratio Lower Upper

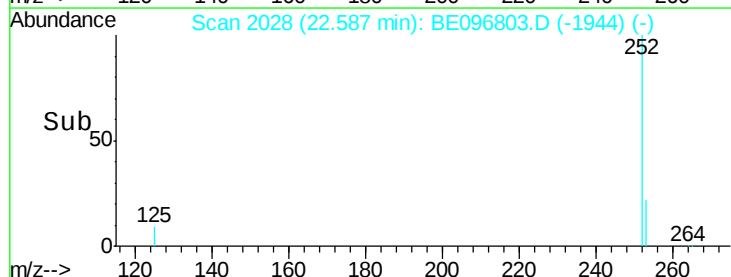
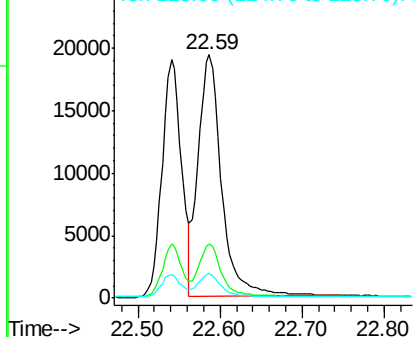
252 100

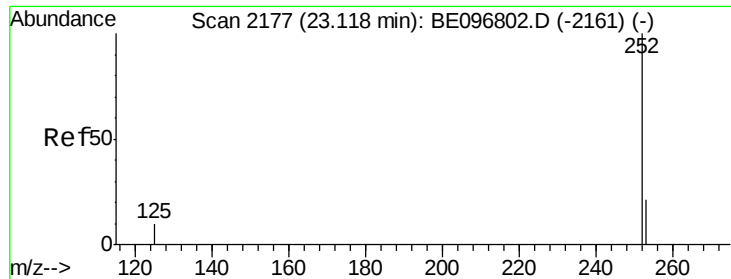
253 22.1 16.0 24.0

125 10.0 8.0 12.0



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.782 ng

RT: 23.11 min Scan# 2176

Delta R.T. -0.00 min

Lab File: BE096803.D

Acq: 18 Jun 2018 11:27

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

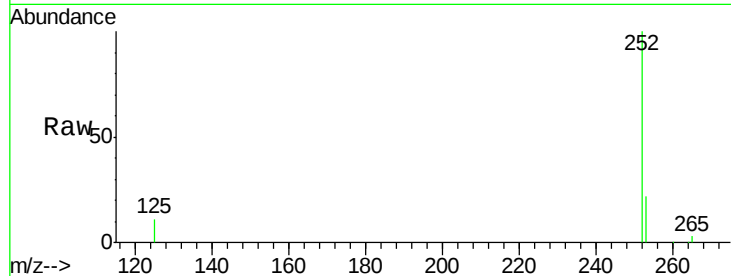
Tgt Ion:252 Resp: 26770

Ion Ratio Lower Upper

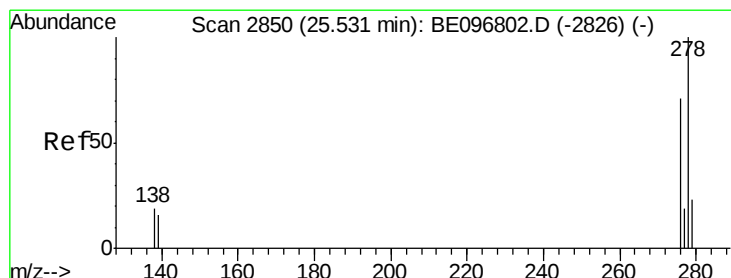
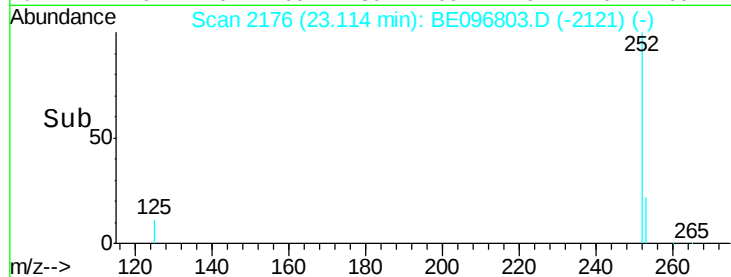
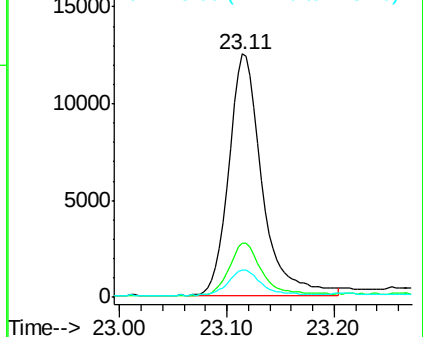
252 100

253 22.3 16.0 24.0

125 11.4 12.0 18.0#



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.799 ng

RT: 25.54 min Scan# 2851

Delta R.T. 0.00 min

Lab File: BE096803.D

Acq: 18 Jun 2018 11:27

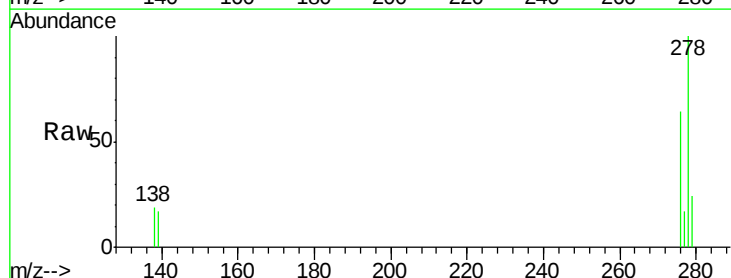
Tgt Ion:278 Resp: 26941

Ion Ratio Lower Upper

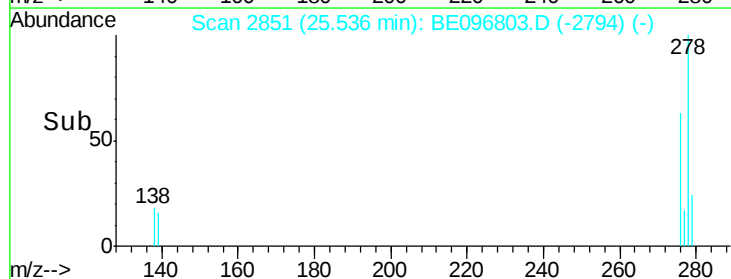
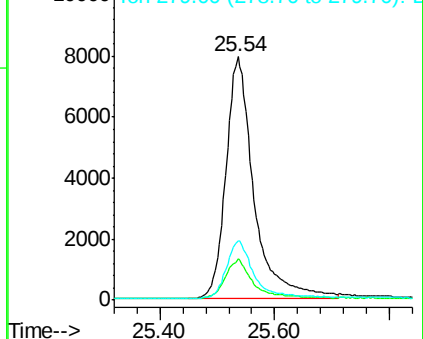
278 100

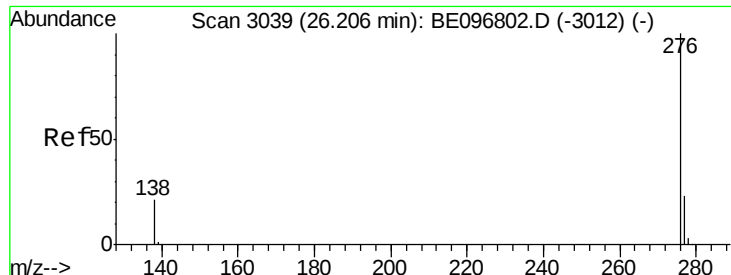
139 16.9 16.0 24.0

279 24.2 20.0 30.0



Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.808 ng

RT: 26.21 min Scan# 3039

Delta R.T. 0.00 min

Lab File: BE096803.D

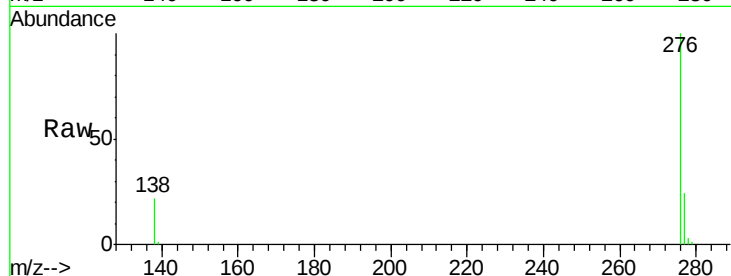
Acq: 18 Jun 2018 11:27

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8



Tgt Ion: 276 Resp: 28826

Ion Ratio Lower Upper

276 100

277 24.5 16.0 24.0#

138 22.0 20.0 30.0

Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 277.00 (276.70 to 277.70): E  
Ion 138.00 (137.70 to 138.70): E

