

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE082515\  
 Data File : BE090610.D  
 Acq On : 25 Aug 2015 12:23  
 Operator : UM/IZ  
 Sample : SSTDCCC001  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC001

Quant Time: Aug 26 03:25:40 2015  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE081415.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 14 16:52:42 2015  
 Response via : Initial Calibration

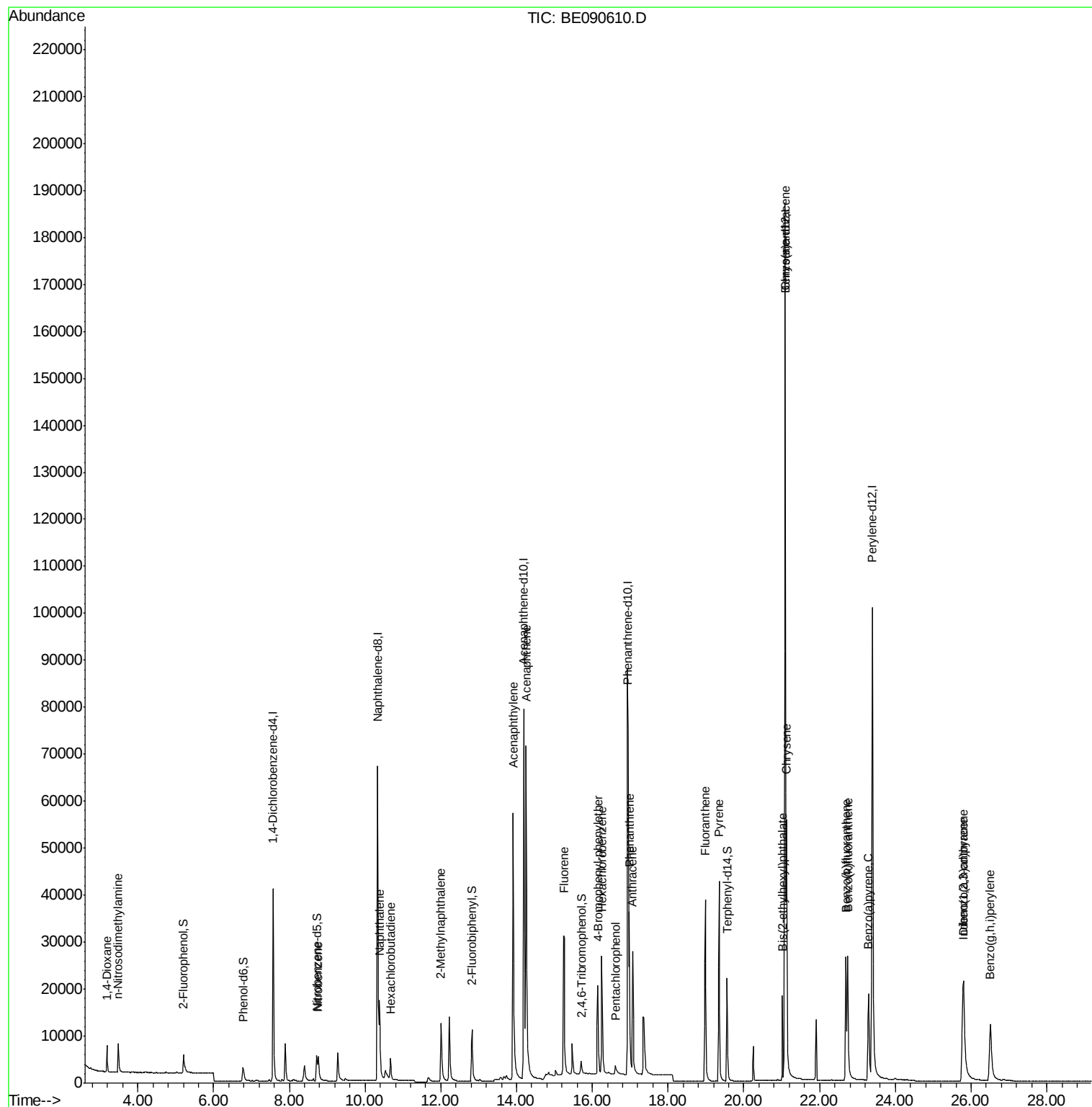
| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|--------------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4      | 7.57  | 152  | 22391    | 5.00 | ng    | 0.00     |
| 6) Naphthalene-d8              | 10.33 | 136  | 102359   | 5.00 | ng    | 0.00     |
| 12) Acenaphthene-d10           | 14.19 | 164  | 59587    | 5.00 | ng    | 0.00     |
| 18) Phenanthrene-d10           | 16.94 | 188  | 153590   | 5.00 | ng    | 0.00     |
| 25) Chrysene-d12               | 21.09 | 240  | 179494   | 5.00 | ng    | 0.00     |
| 32) Perylene-d12               | 23.39 | 264  | 159693   | 5.00 | ng    | 0.00     |
| System Monitoring Compounds    |       |      |          |      |       |          |
| 4) 2-Fluorophenol              | 5.21  | 112  | 4946     | 0.76 | ng    | 0.00     |
| 5) Phenol-d6                   | 6.78  | 99   | 6894     | 0.72 | ng    | 0.00     |
| 7) Nitrobenzene-d5             | 8.73  | 82   | 7581     | 0.93 | ng    | 0.00     |
| 13) 2,4,6-Tribromophenol       | 15.71 | 330  | 1908     | 0.83 | ng    | 0.00     |
| 14) 2-Fluorobiphenyl           | 12.82 | 172  | 16755    | 0.94 | ng    | 0.00     |
| 27) Terphenyl-d14              | 19.55 | 244  | 29348    | 0.89 | ng    | 0.00     |
| Target Compounds               |       |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                 | 3.19  | 88   | 3576     | 1.35 | ng    | 88       |
| 3) n-Nitrosodimethylamine      | 3.48  | 42   | 3948     | 1.02 | ng    | # 81     |
| 8) Nitrobenzene                | 8.77  | 77   | 7601     | 0.90 | ng    | 99       |
| 9) Naphthalene                 | 10.38 | 128  | 22835    | 0.98 | ng    | 98       |
| 10) Hexachlorobutadiene        | 10.67 | 225  | 3492     | 1.02 | ng    | 100      |
| 11) 2-Methylnaphthalene        | 12.01 | 142  | 14396    | 0.95 | ng    | 96       |
| 15) Acenaphthylene             | 13.91 | 152  | 102330   | 0.94 | ng    | 100      |
| 16) Acenaphthene               | 14.25 | 154  | 15793    | 0.96 | ng    | 82       |
| 17) Fluorene                   | 15.26 | 166  | 21082    | 1.05 | ng    | 98       |
| 19) 4-Bromophenyl-phenylether  | 16.14 | 248  | 5548     | 0.88 | ng    | # 73     |
| 20) Hexachlorobenzene          | 16.25 | 284  | 27177    | 0.98 | ng    | 96       |
| 21) Pentachlorophenol          | 16.61 | 266  | 1773     | 0.80 | ng    | 95       |
| 22) Phenanthrene               | 16.98 | 178  | 38313    | 0.95 | ng    | 99       |
| 23) Anthracene                 | 17.07 | 178  | 35129    | 0.95 | ng    | 100      |
| 24) Fluoranthene               | 18.98 | 202  | 43671    | 1.02 | ng    | 99       |
| 26) Pyrene                     | 19.34 | 202  | 46200    | 0.90 | ng    | 100      |
| 28) Benzo(a)anthracene         | 21.08 | 228  | 44325    | 0.94 | ng    | 99       |
| 29) Chrysene                   | 21.13 | 228  | 47946    | 0.99 | ng    | 99       |
| 30) Bis(2-ethylhexyl)phthalate | 21.02 | 149  | 16159    | 0.70 | ng    | 99       |
| 31) Indeno(1,2,3-cd)pyrene     | 25.78 | 276  | 40645    | 0.89 | ng    | # 92     |
| 33) Benzo(b)fluoranthene       | 22.69 | 252  | 37366    | 0.99 | ng    | 98       |
| 34) Benzo(k)fluoranthene       | 22.74 | 252  | 42627    | 0.99 | ng    | 98       |
| 35) Benzo(a)pyrene             | 23.29 | 252  | 33586    | 0.95 | ng    | # 97     |
| 36) Dibenzo(a,h)anthracene     | 25.80 | 278  | 30714    | 0.90 | ng    | 96       |
| 37) Benzo(g,h,i)perylene       | 26.51 | 276  | 34661    | 0.93 | ng    | 96       |

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.57 min Scan# 843

Delta R.T. -0.01 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC001

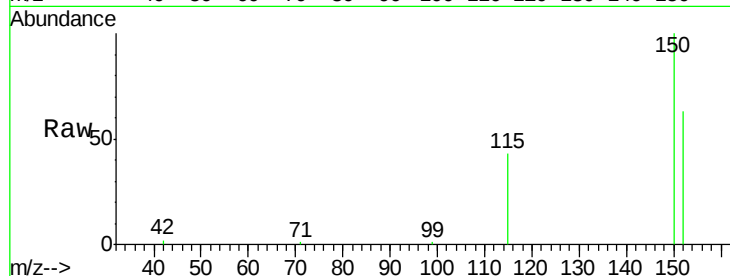
Tgt Ion:152 Resp: 22391

Ion Ratio Lower Upper

152 100

150 158.9 123.0 184.4

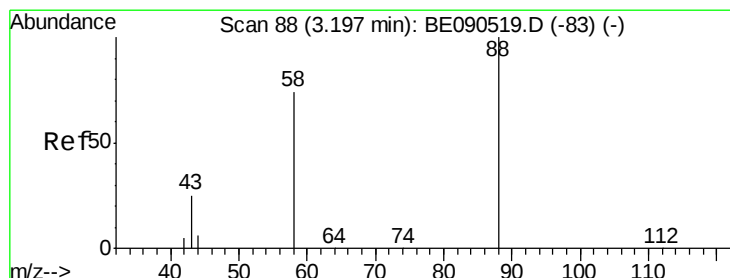
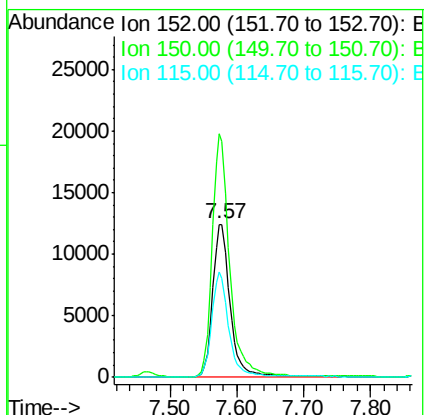
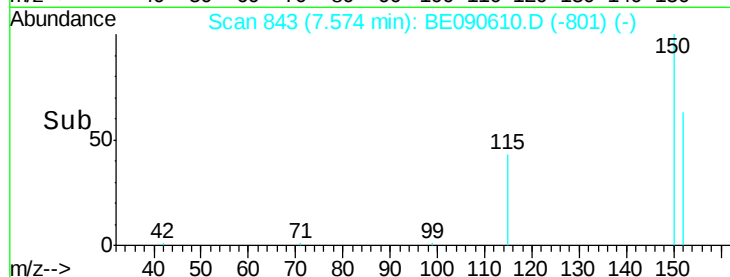
115 68.4 48.9 73.3



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



#2

1,4-Dioxane

Concen: 1.35 ng

RT: 3.19 min Scan# 87

Delta R.T. -0.01 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

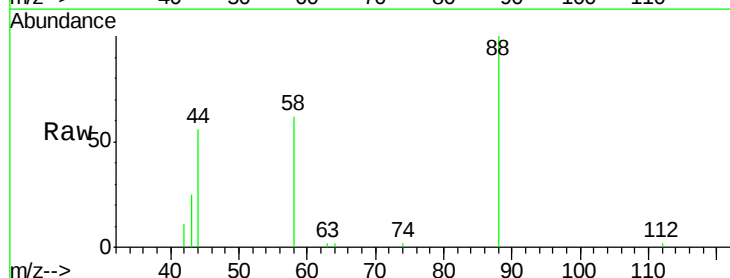
Tgt Ion: 88 Resp: 3576

Ion Ratio Lower Upper

88 100

58 75.8 70.0 105.0

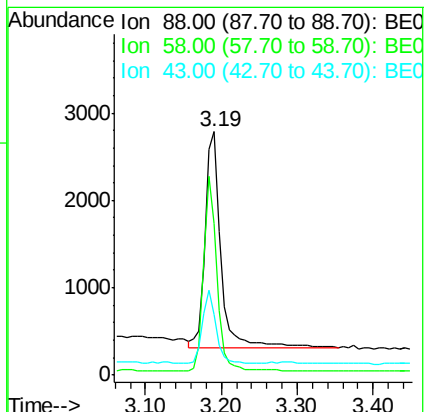
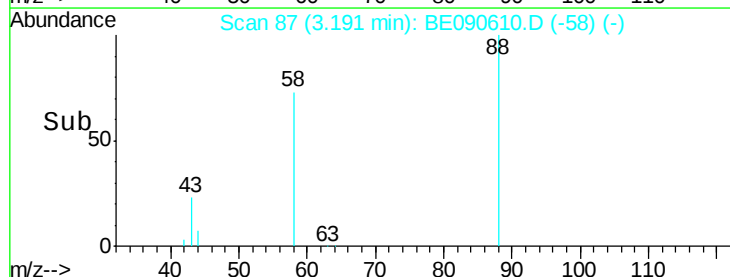
43 29.5 28.4 42.6



Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 1.02 ng

RT: 3.48 min Scan# 130

Delta R.T. -0.01 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC001

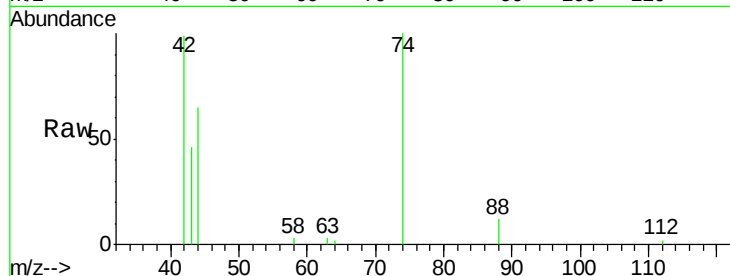
Tgt Ion: 42 Resp: 3948

Ion Ratio Lower Upper

42 100

74 114.7 75.2 112.8#

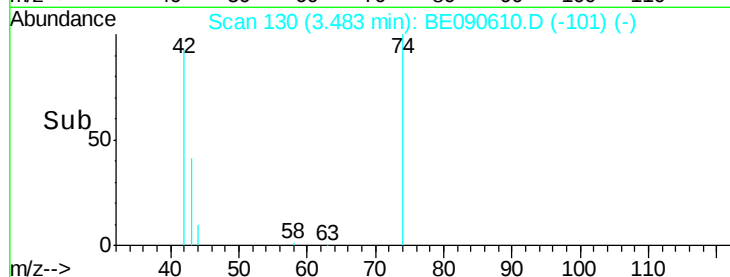
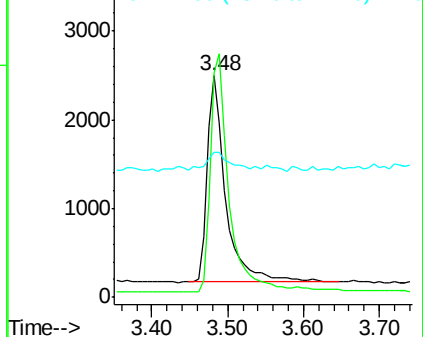
44 10.6 8.7 13.1



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: 0.76 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.01 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

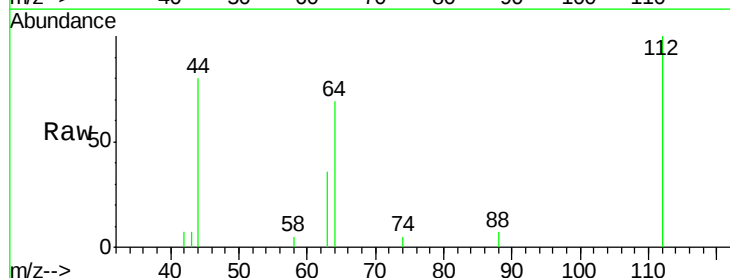
Tgt Ion: 112 Resp: 4946

Ion Ratio Lower Upper

112 100

64 70.1 37.1 55.7#

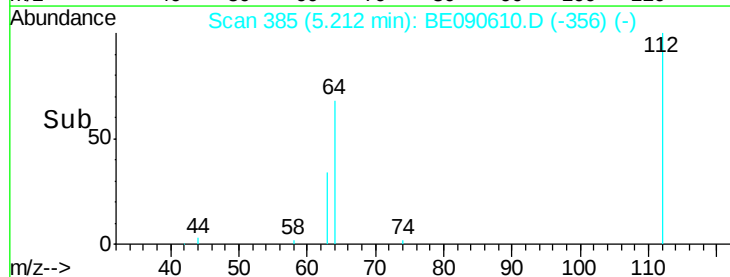
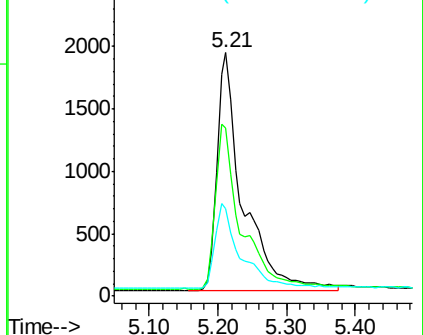
63 36.6 19.5 29.3#

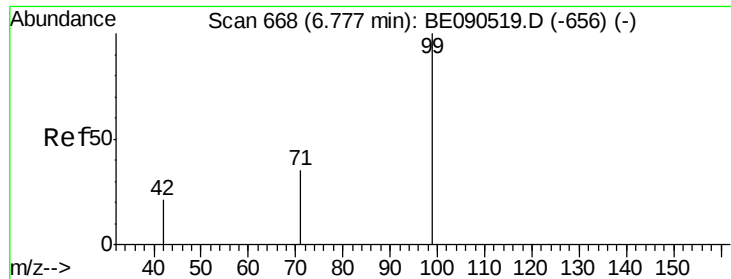


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.72 ng

RT: 6.78 min Scan# 668

Delta R.T. -0.00 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC001

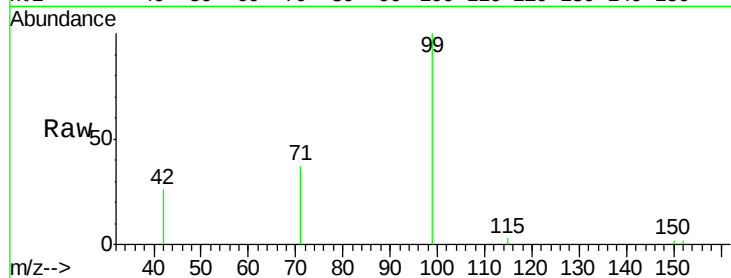
Tgt Ion: 99 Resp: 6894

Ion Ratio Lower Upper

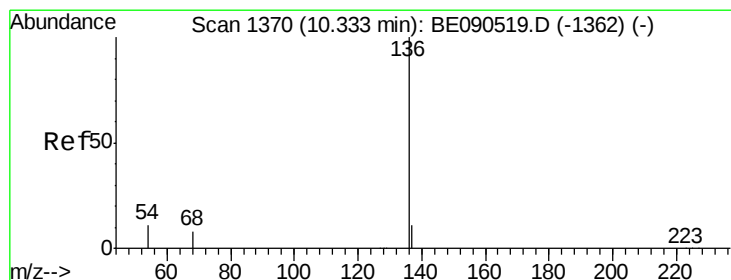
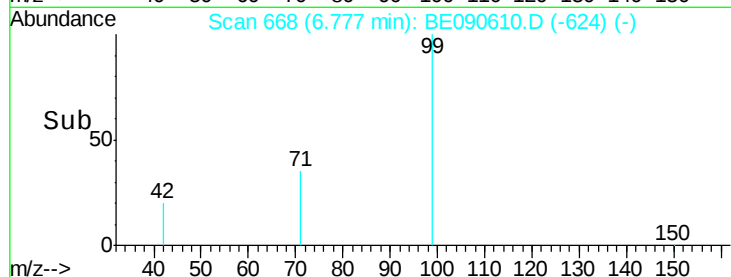
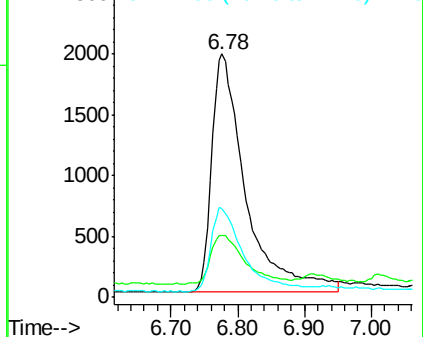
99 100

42 21.1 18.2 27.4

71 34.1 27.4 41.0



Abundance Ion 99.00 (98.70 to 99.70): BE0  
Ion 42.00 (41.70 to 42.70): BE0  
Ion 71.00 (70.70 to 71.70): BE0



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.33 min Scan# 1370

Delta R.T. -0.00 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

Tgt Ion: 136 Resp: 102359

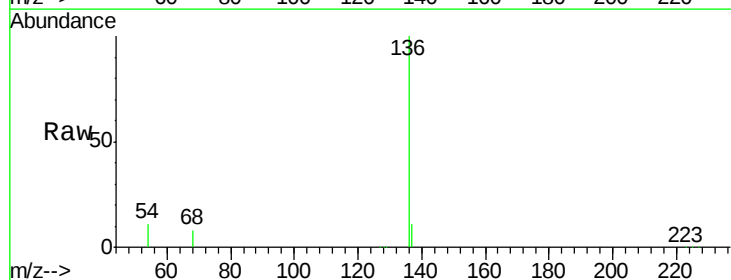
Ion Ratio Lower Upper

136 100

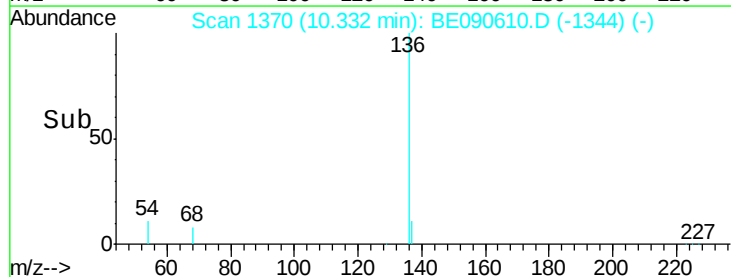
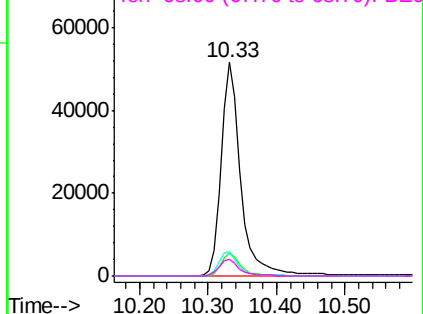
137 10.9 8.7 13.1

54 11.1 9.4 14.0

68 8.0 6.5 9.7



Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BE0  
Ion 68.00 (67.70 to 68.70): BE0





#7

Nitrobenzene-d5

Concen: 0.93 ng

RT: 8.73 min Scan# 1092

Delta R.T. 0.00 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC001

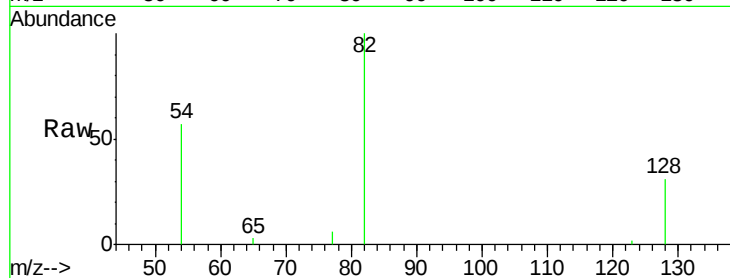
Tgt Ion: 82 Resp: 7581

Ion Ratio Lower Upper

82 100

128 31.4 25.0 37.6

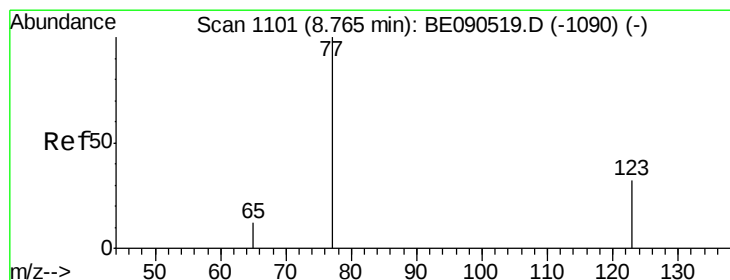
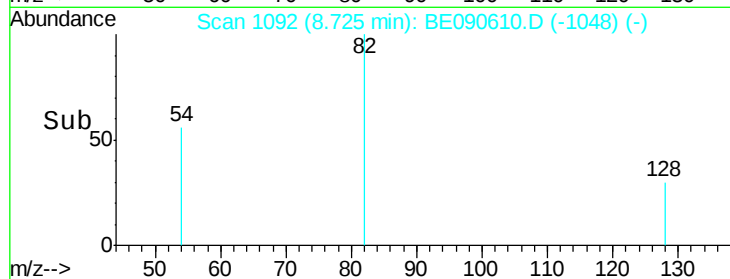
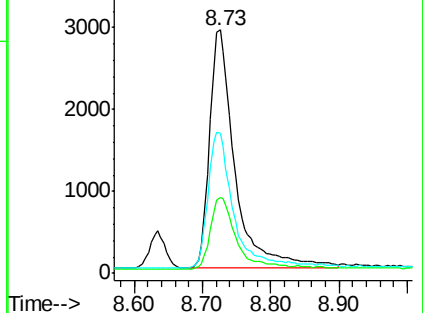
54 57.5 48.8 73.2



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



#8

Nitrobenzene

Concen: 0.90 ng

RT: 8.77 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

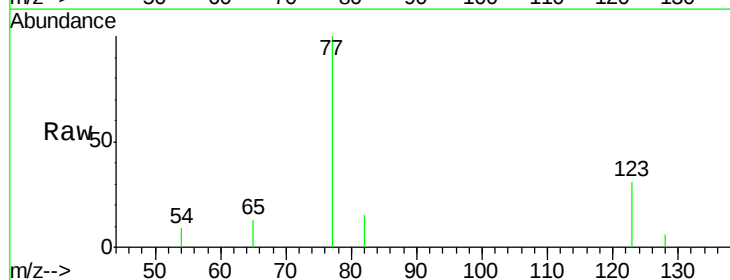
Tgt Ion: 77 Resp: 7601

Ion Ratio Lower Upper

77 100

123 32.0 25.1 37.7

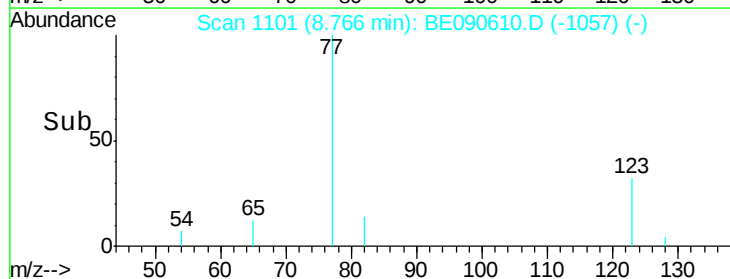
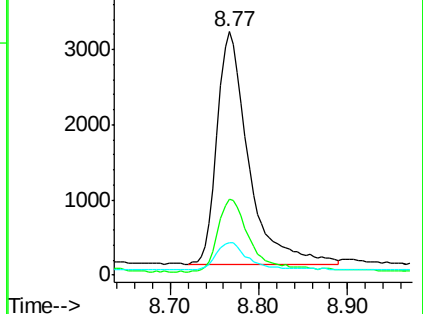
65 12.2 9.3 13.9

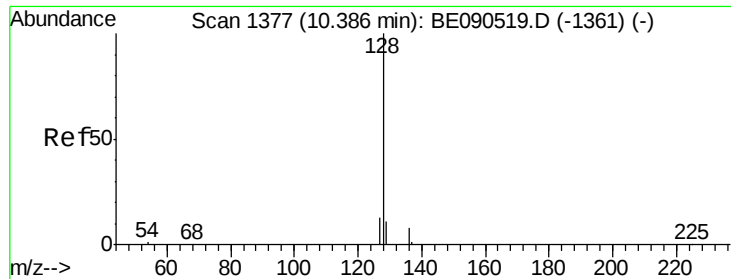


Abundance Ion 77.00 (76.70 to 77.70): BE0

Ion 123.00 (122.70 to 123.70): BE0

Ion 65.00 (64.70 to 65.70): BE0





#9

Naphthalene

Concen: 0.98 ng

RT: 10.38 min Scan# 1376

Delta R.T. -0.01 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC001

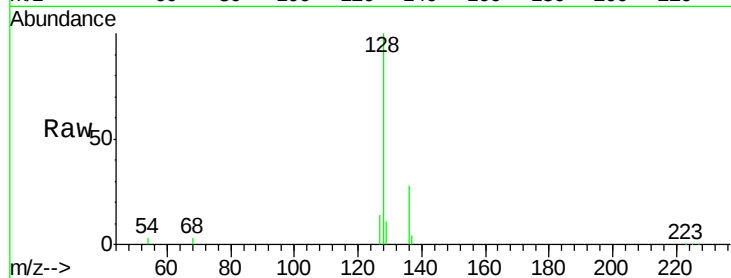
Tgt Ion:128 Resp: 22835

Ion Ratio Lower Upper

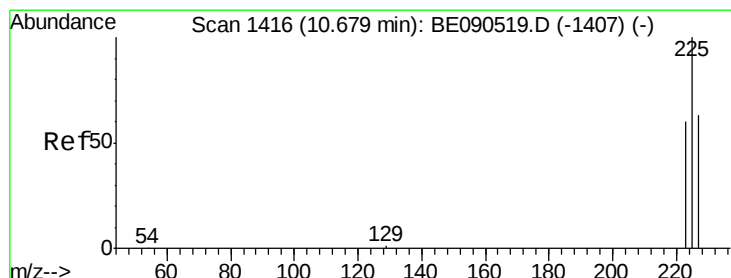
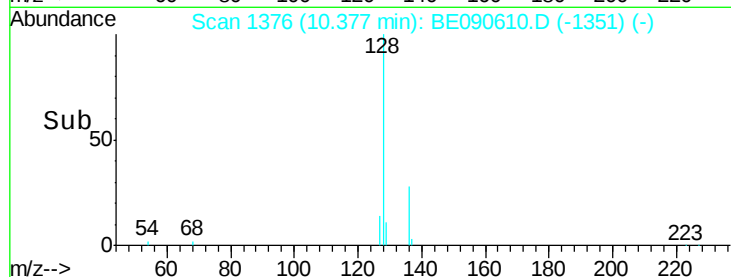
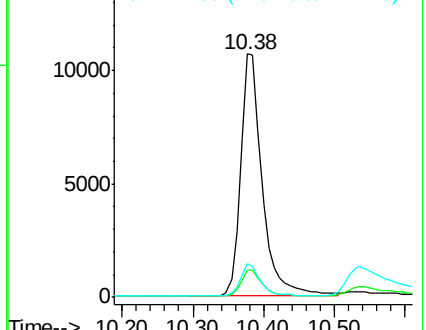
128 100

129 11.2 9.8 14.6

127 13.9 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 1.02 ng

RT: 10.67 min Scan# 1415

Delta R.T. -0.01 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

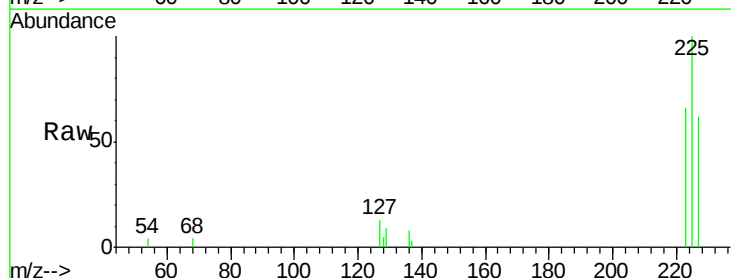
Tgt Ion:225 Resp: 3492

Ion Ratio Lower Upper

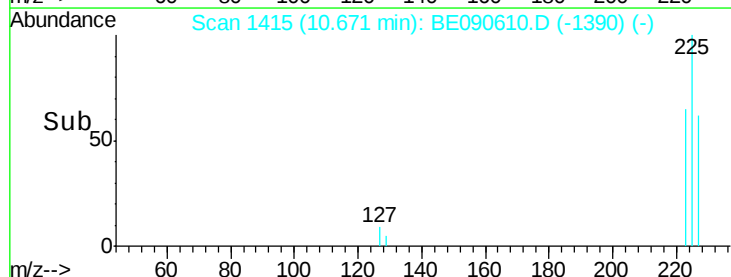
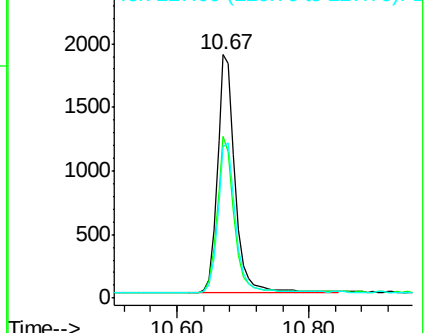
225 100

223 63.3 50.6 75.8

227 62.9 50.7 76.1



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E

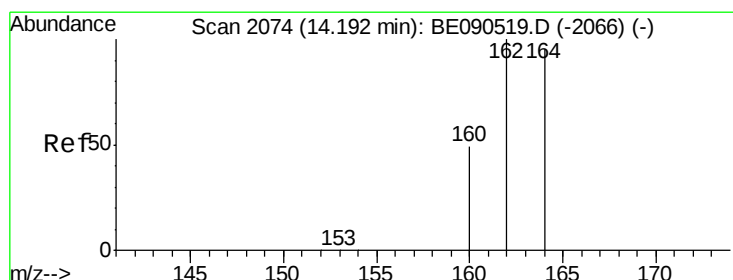
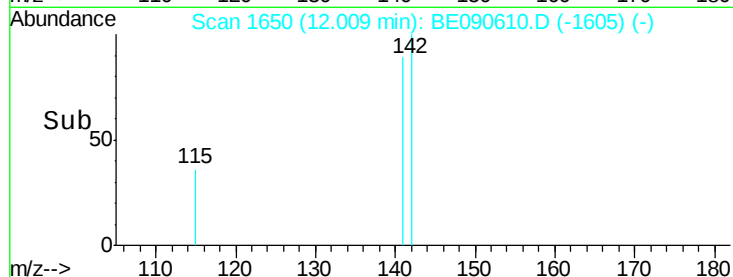
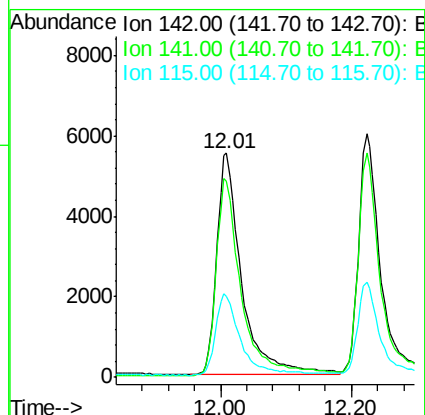
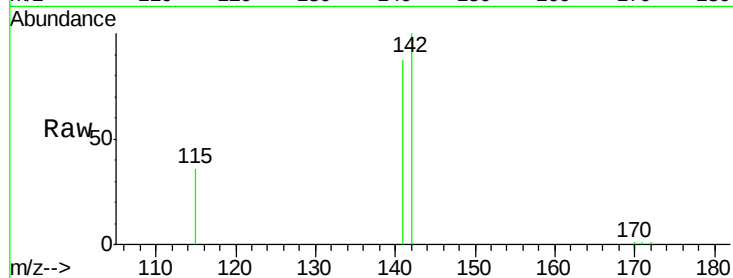




#11  
2-Methylnaphthalene  
Concen: 0.95 ng  
RT: 12.01 min Scan# 1650  
Delta R.T. 0.00 min  
Lab File: BE090610.D  
Acq: 25 Aug 2015 12:23

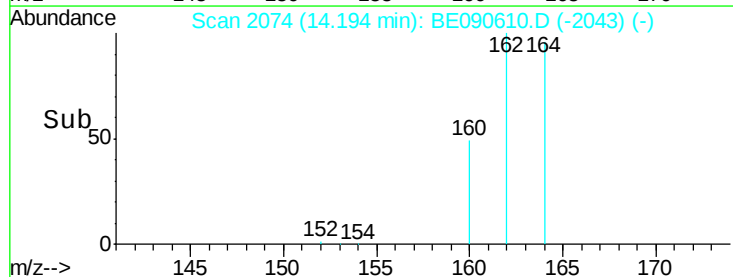
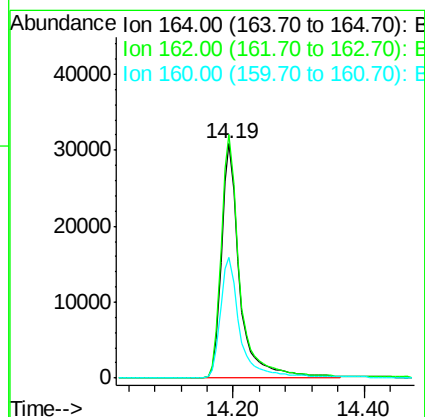
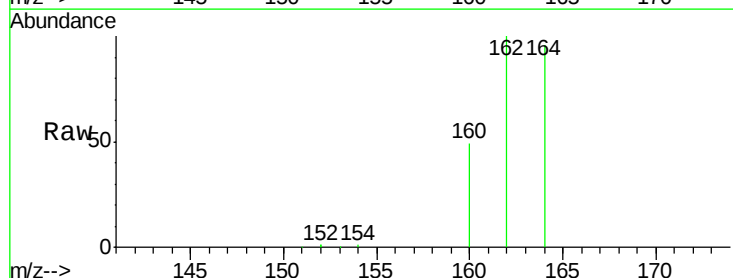
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC001

Tgt Ion:142 Resp: 14396  
Ion Ratio Lower Upper  
142 100  
141 87.4 72.6 109.0  
115 36.2 31.6 47.4



#12  
Acenaphthene-d10  
Concen: 5.00 ng  
RT: 14.19 min Scan# 2074  
Delta R.T. 0.00 min  
Lab File: BE090610.D  
Acq: 25 Aug 2015 12:23

Tgt Ion:164 Resp: 59587  
Ion Ratio Lower Upper  
164 100  
162 103.9 81.8 122.8  
160 51.3 44.2 66.4

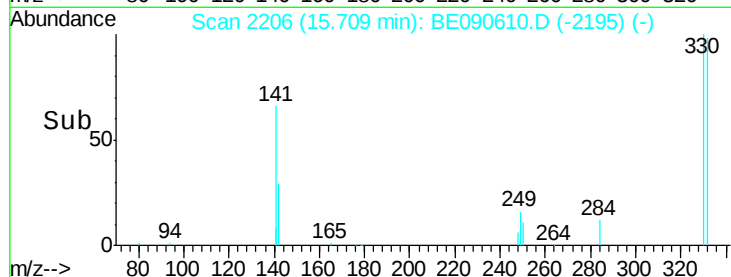
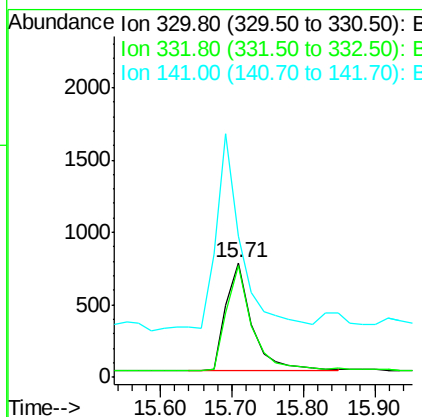
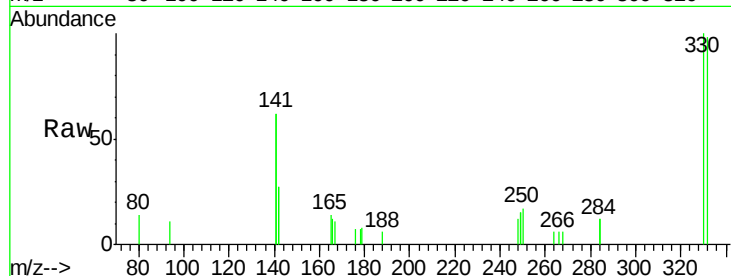




#13  
 2,4,6-Tribromophenol  
 Concen: 0.83 ng  
 RT: 15.71 min Scan# 2206  
 Delta R.T. -0.00 min  
 Lab File: BE090610.D  
 Acq: 25 Aug 2015 12:23

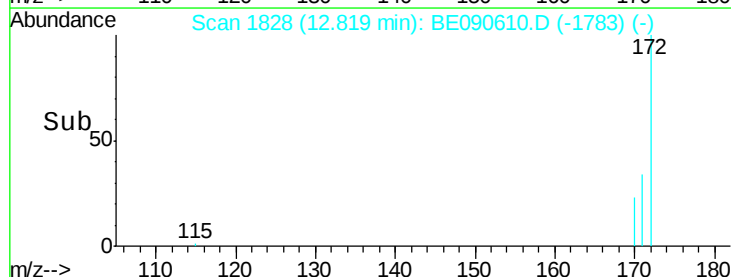
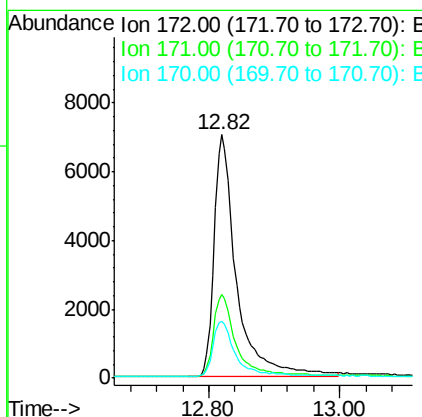
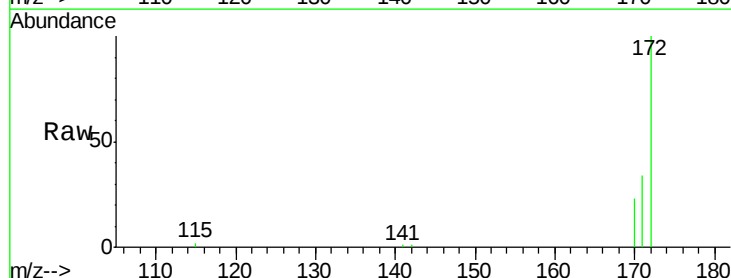
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC001

Tgt Ion:330 Resp: 1908  
 Ion Ratio Lower Upper  
 330 100  
 332 96.1 75.8 113.6  
 141 166.9 114.4 171.6



#14  
 2-Fluorobiphenyl  
 Concen: 0.94 ng  
 RT: 12.82 min Scan# 1828  
 Delta R.T. 0.00 min  
 Lab File: BE090610.D  
 Acq: 25 Aug 2015 12:23

Tgt Ion:172 Resp: 16755  
 Ion Ratio Lower Upper  
 172 100  
 171 34.2 28.5 42.7  
 170 23.3 19.8 29.8





#15

Acenaphthylene

Concen: 0.94 ng

RT: 13.91 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC001

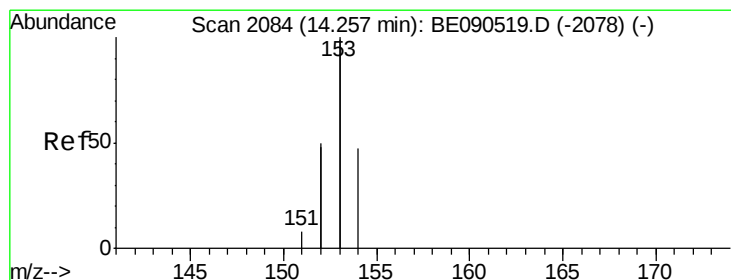
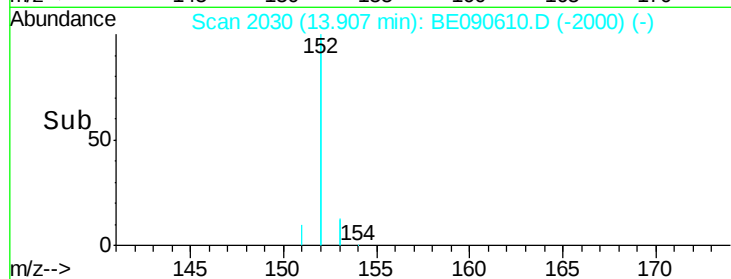
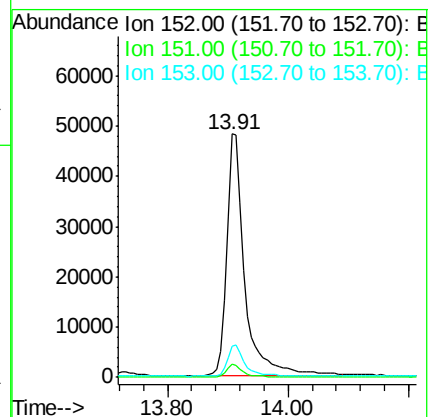
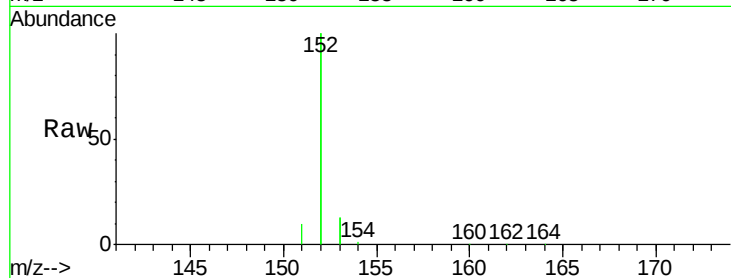
Tgt Ion:152 Resp: 102330

Ion Ratio Lower Upper

152 100

151 4.9 3.8 5.8

153 13.0 10.3 15.5



#16

Acenaphthene

Concen: 0.96 ng

RT: 14.25 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

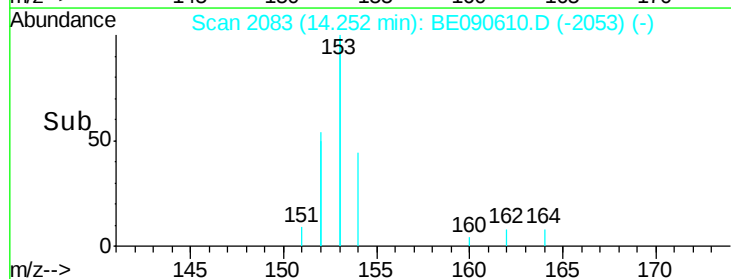
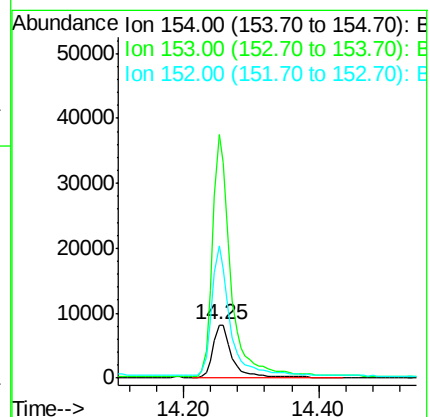
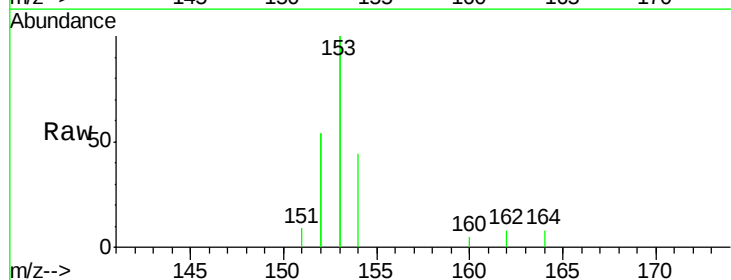
Tgt Ion:154 Resp: 15793

Ion Ratio Lower Upper

154 100

153 444.2 376.2 564.2

152 235.7 235.0 352.4





#17

Fluorene

Concen: 1.05 ng

RT: 15.26 min Scan# 2180

Delta R.T. 0.02 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC001

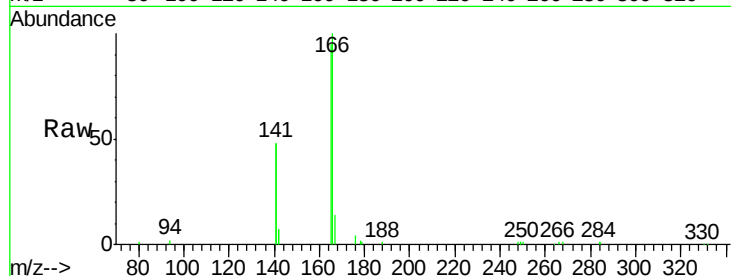
Tgt Ion:166 Resp: 21082

Ion Ratio Lower Upper

166 100

165 100.2 81.5 122.3

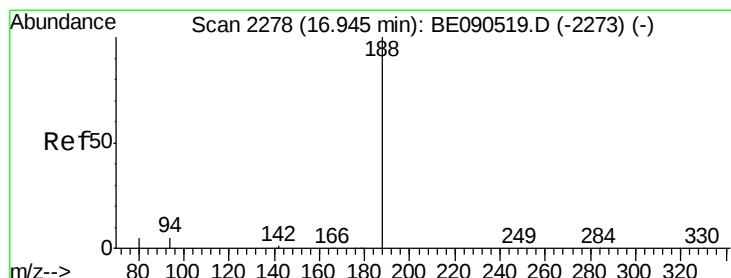
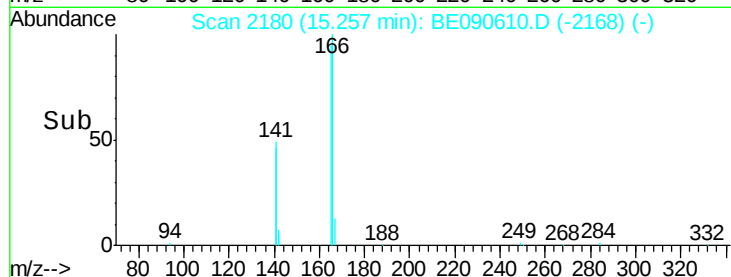
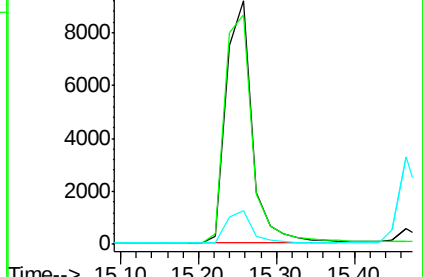
167 13.8 11.4 17.0



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



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.94 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

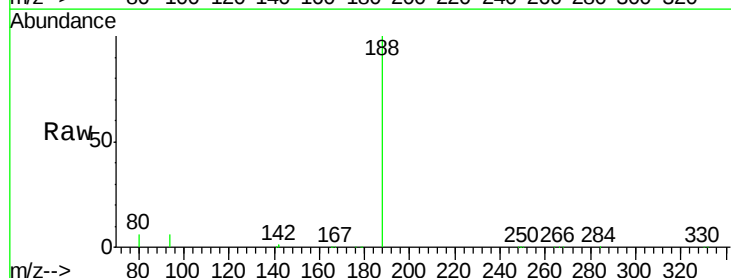
Tgt Ion:188 Resp: 153590

Ion Ratio Lower Upper

188 100

94 6.0 5.7 8.5

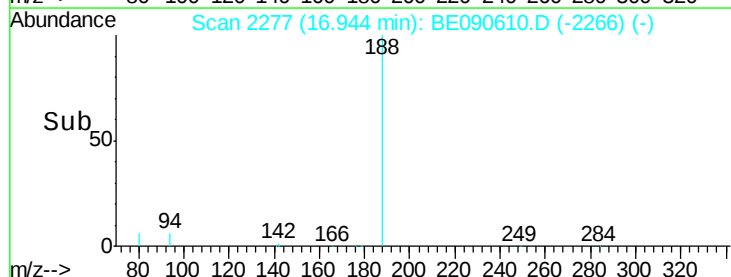
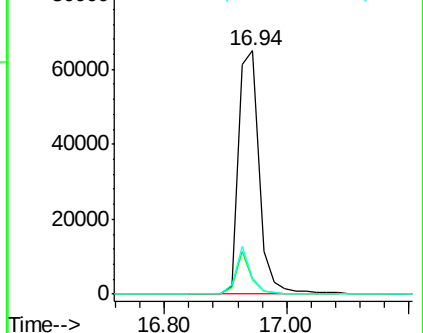
80 6.3 5.8 8.8

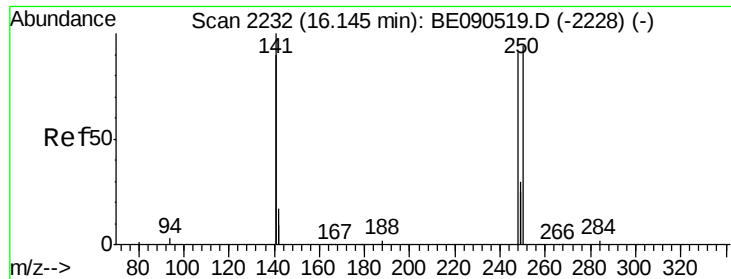


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0





#19

4-Bromophenyl-phenylether

Concen: 0.88 ng

RT: 16.14 min Scan# 2231

Delta R.T. -0.00 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC001

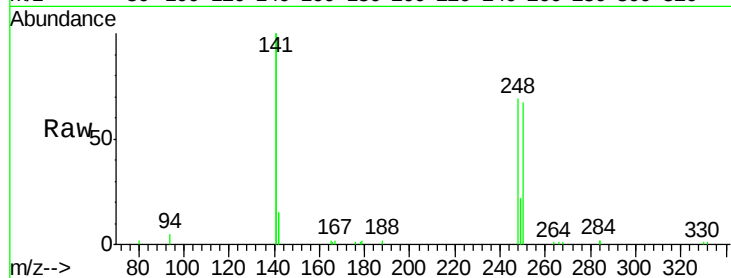
Tgt Ion:248 Resp: 5548

Ion Ratio Lower Upper

248 100

250 98.3 79.0 118.6

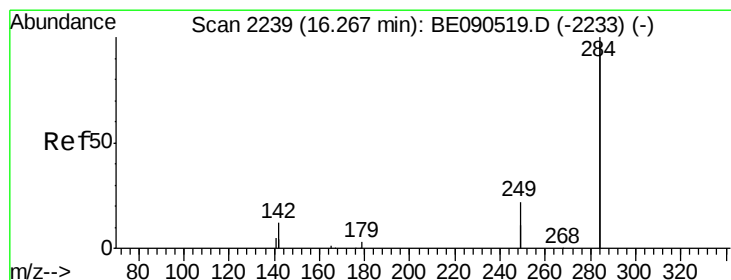
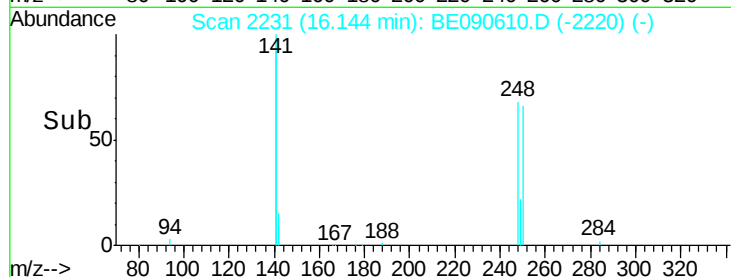
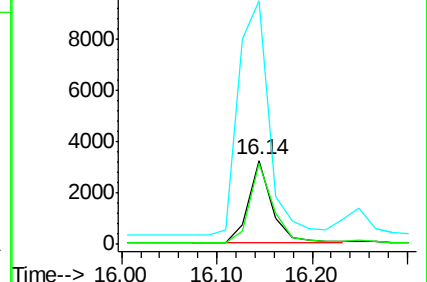
141 369.2 239.5 359.3#



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



#20

Hexachlorobenzene

Concen: 0.98 ng

RT: 16.25 min Scan# 2237

Delta R.T. -0.02 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

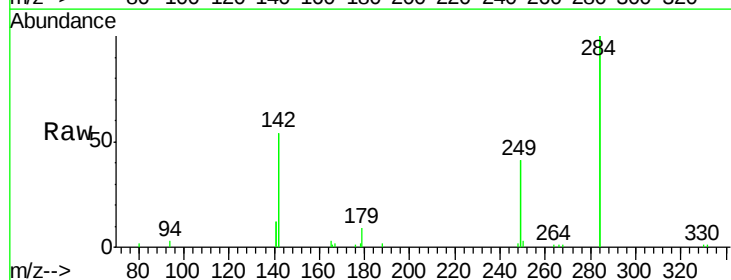
Tgt Ion:284 Resp: 27177

Ion Ratio Lower Upper

284 100

142 41.0 30.1 45.1

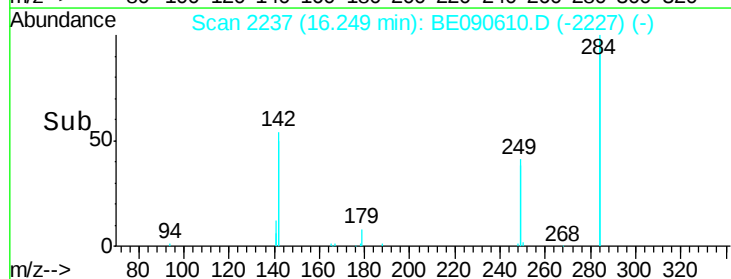
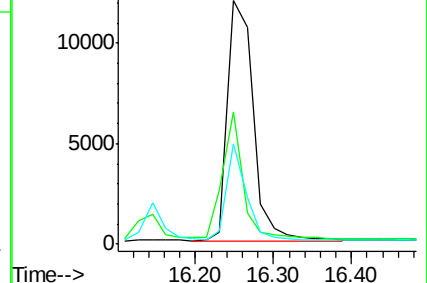
249 30.6 25.7 38.5

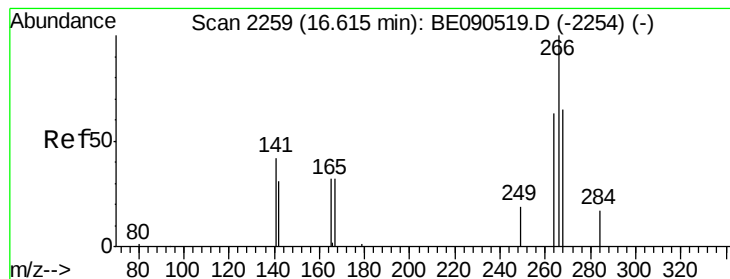


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 0.80 ng

RT: 16.61 min Scan# 2258

Delta R.T. -0.00 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC001

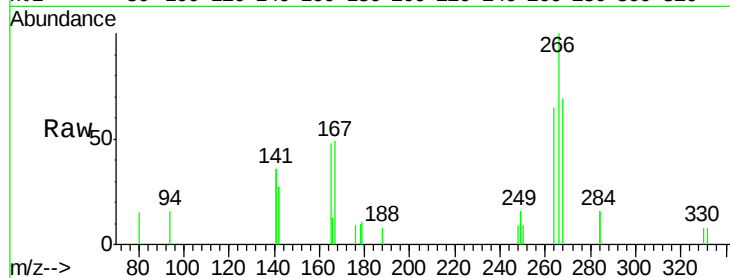
Tgt Ion:266 Resp: 1773

Ion Ratio Lower Upper

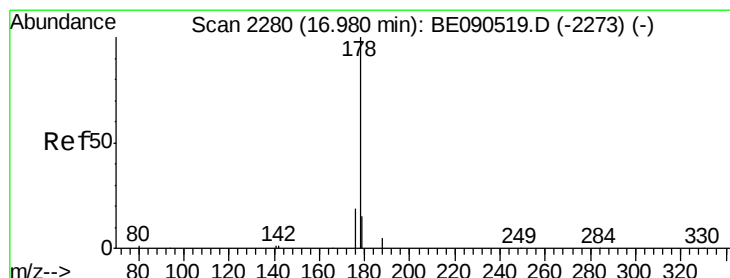
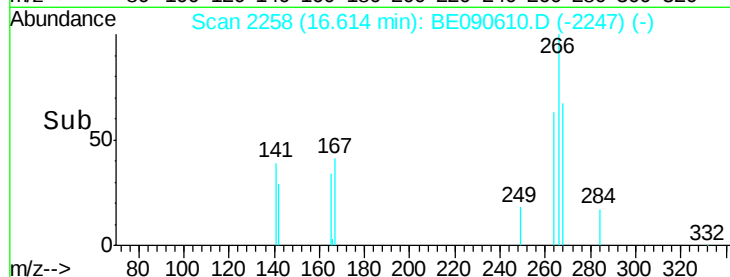
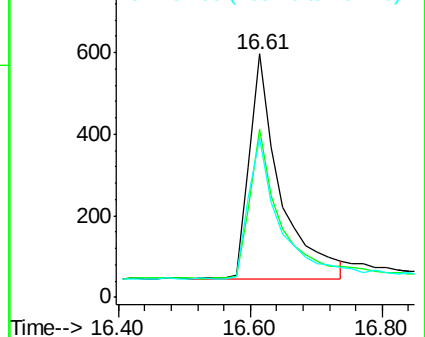
266 100

268 69.2 58.5 87.7

264 65.3 56.0 84.0



Abundance Ion 265.70 (265.40 to 266.40): E  
Ion 268.00 (267.70 to 268.70): E  
Ion 264.00 (263.70 to 264.70): E



#22

Phenanthrene

Concen: 0.95 ng

RT: 16.98 min Scan# 2279

Delta R.T. -0.00 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

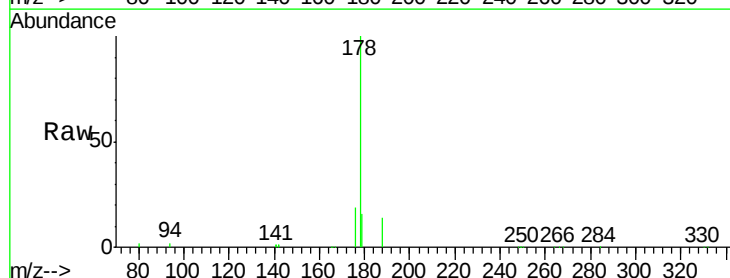
Tgt Ion:178 Resp: 38313

Ion Ratio Lower Upper

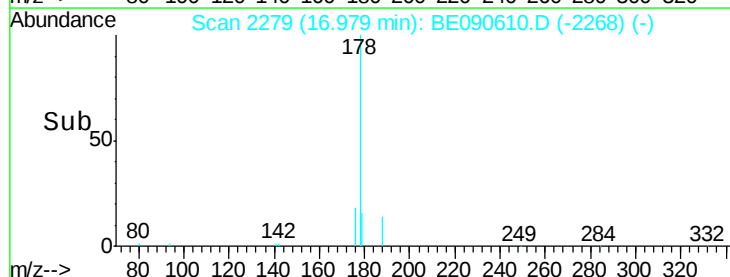
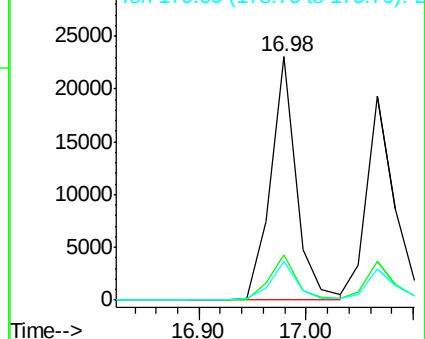
178 100

176 18.9 15.4 23.2

179 15.8 12.5 18.7



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





#23

Anthracene

Concen: 0.95 ng

RT: 17.07 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC001

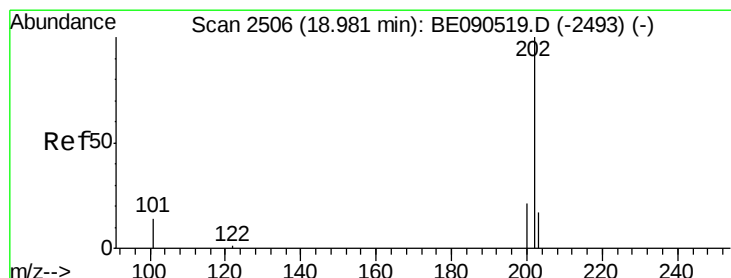
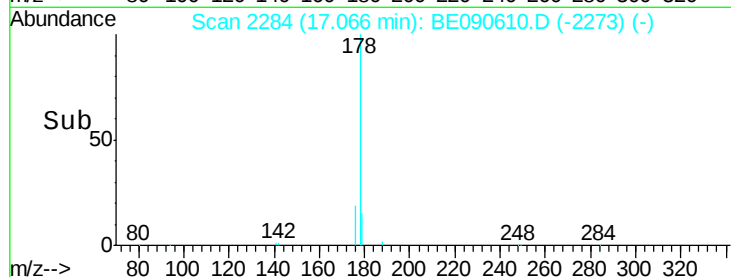
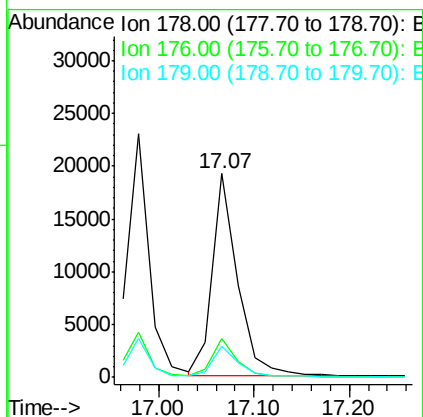
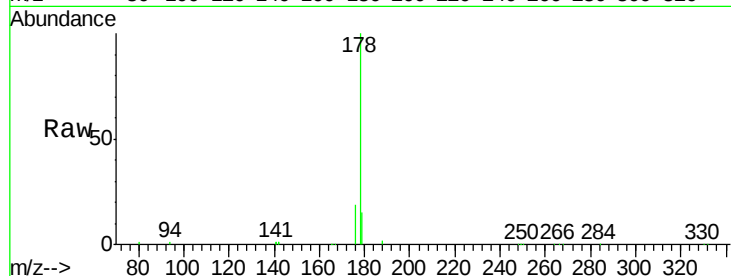
Tgt Ion:178 Resp: 35129

Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

179 15.2 12.2 18.4



#24

Fluoranthene

Concen: 1.02 ng

RT: 18.98 min Scan# 2505

Delta R.T. 0.00 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

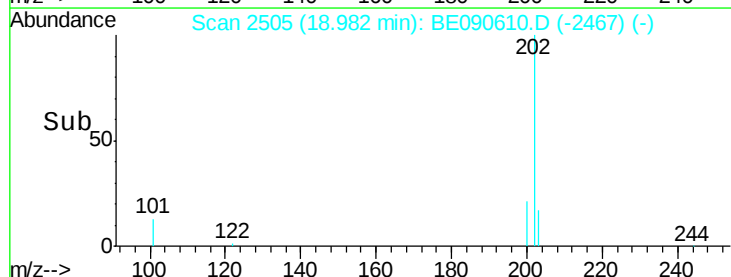
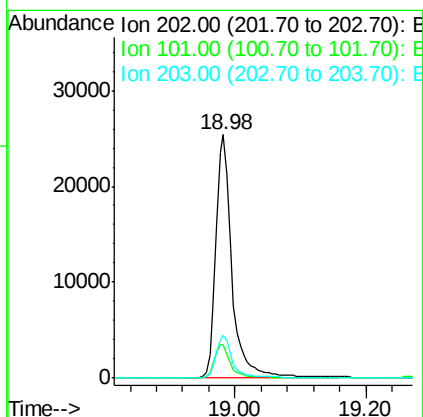
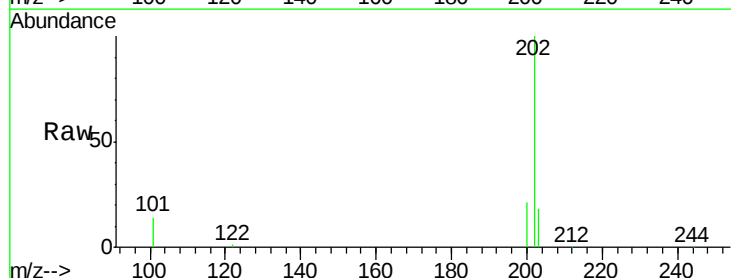
Tgt Ion:202 Resp: 43671

Ion Ratio Lower Upper

202 100

101 13.7 10.3 15.5

203 17.2 13.7 20.5





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.09 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC001

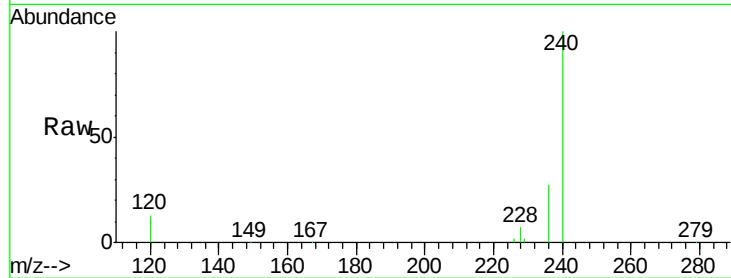
Tgt Ion:240 Resp: 179494

Ion Ratio Lower Upper

240 100

120 12.7 8.3 12.5#

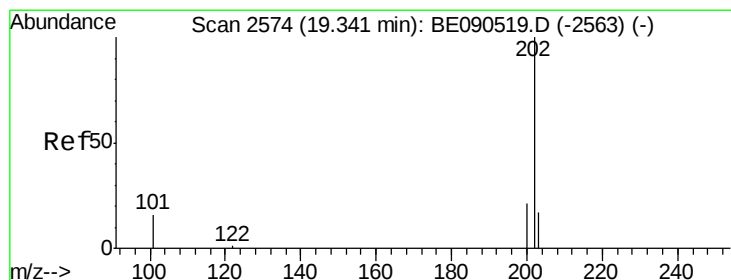
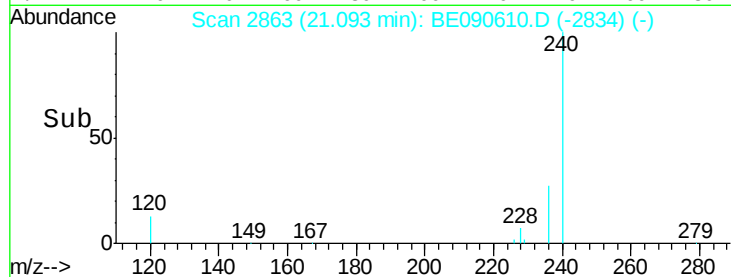
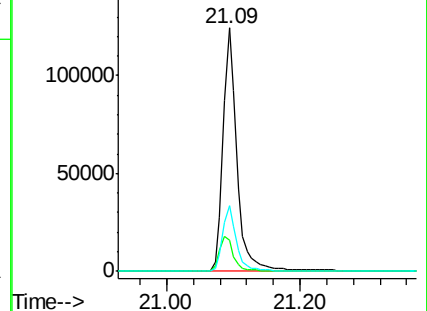
236 27.0 21.0 31.4



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



#26

Pyrene

Concen: 0.90 ng

RT: 19.34 min Scan# 2573

Delta R.T. 0.00 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

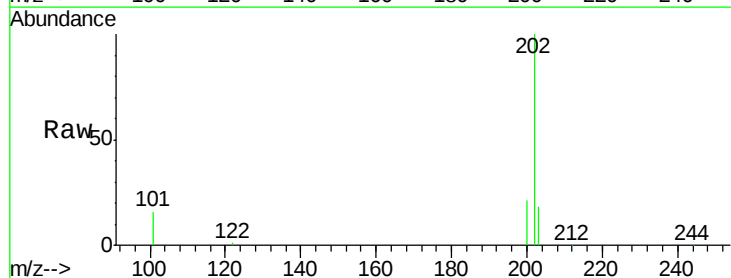
Tgt Ion:202 Resp: 46200

Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

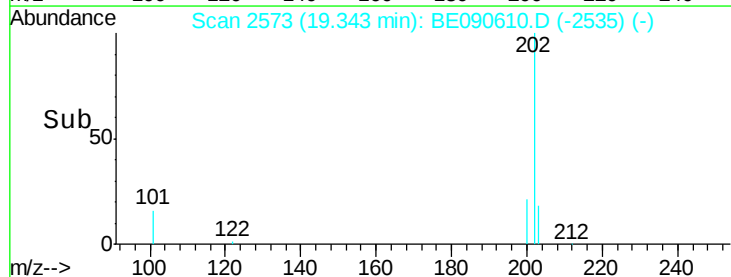
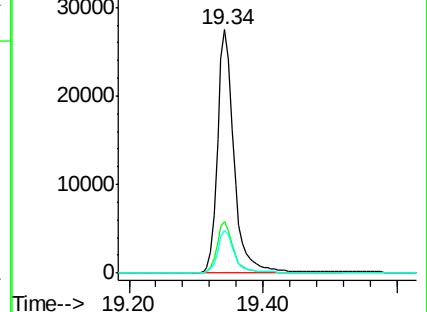
203 17.6 13.8 20.8



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

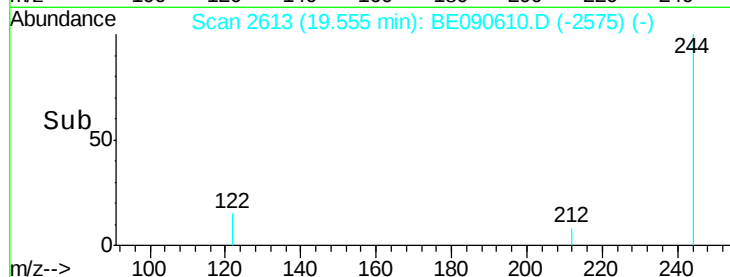
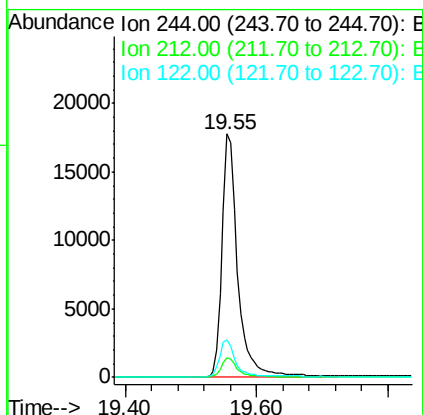
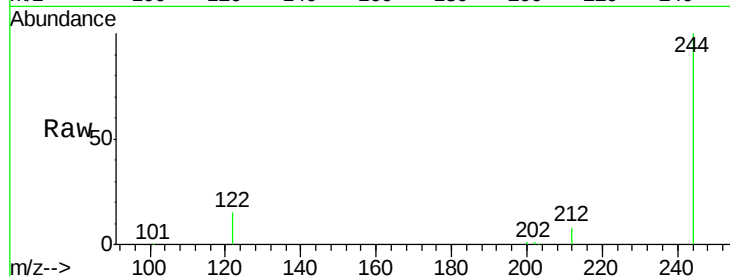




#27  
 Terphenyl-d14  
 Concen: 0.89 ng  
 RT: 19.55 min Scan# 2613  
 Delta R.T. 0.00 min  
 Lab File: BE090610.D  
 Acq: 25 Aug 2015 12:23

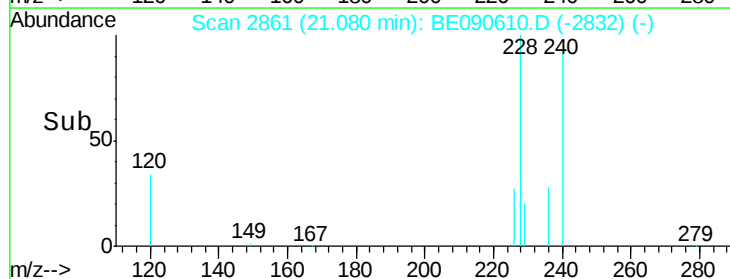
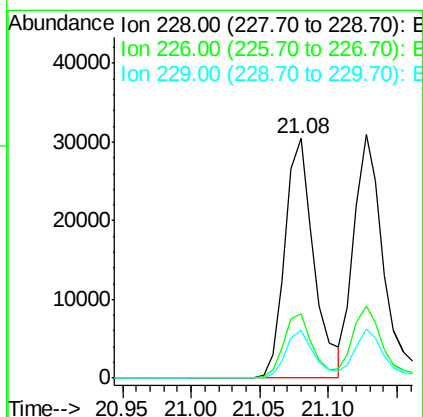
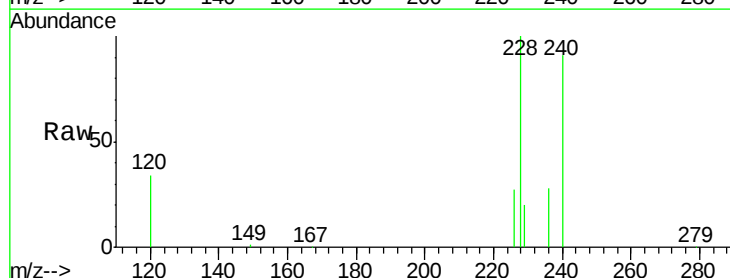
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC001

Tgt Ion: 244 Resp: 29348  
 Ion Ratio Lower Upper  
 244 100  
 212 8.1 6.6 9.8  
 122 15.5 10.2 15.4#



#28  
 Benzo(a)anthracene  
 Concen: 0.94 ng  
 RT: 21.08 min Scan# 2861  
 Delta R.T. -0.00 min  
 Lab File: BE090610.D  
 Acq: 25 Aug 2015 12:23

Tgt Ion: 228 Resp: 44325  
 Ion Ratio Lower Upper  
 228 100  
 226 27.1 21.9 32.9  
 229 19.8 15.4 23.0





#29

Chrysene

Concen: 0.99 ng

RT: 21.13 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC001

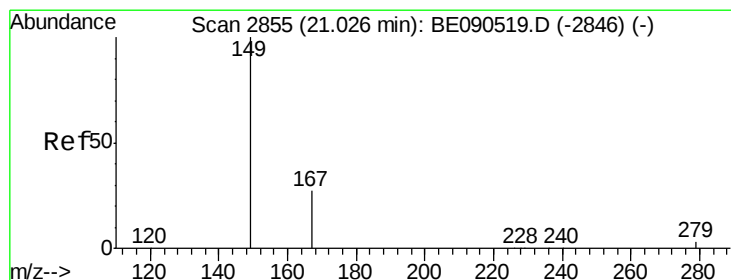
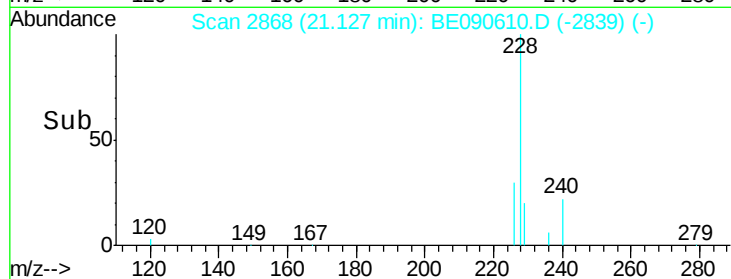
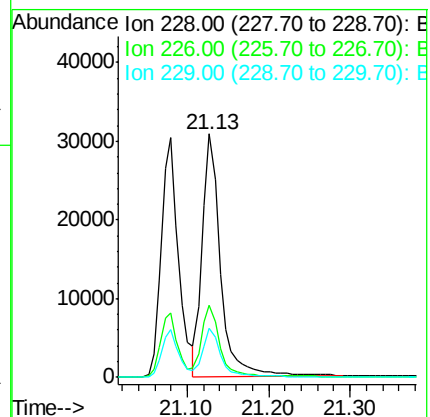
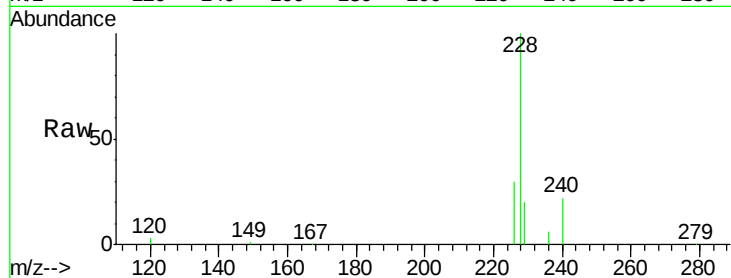
Tgt Ion:228 Resp: 47946

Ion Ratio Lower Upper

228 100

226 29.8 23.1 34.7

229 19.9 15.8 23.8



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.70 ng

RT: 21.02 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

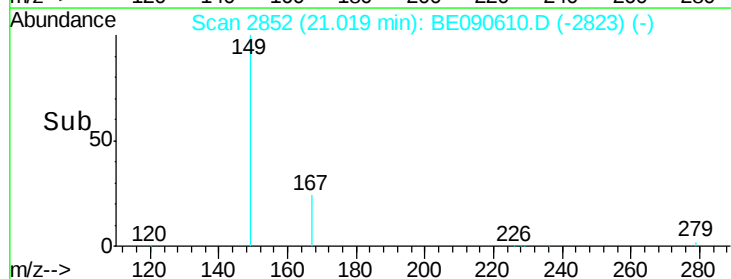
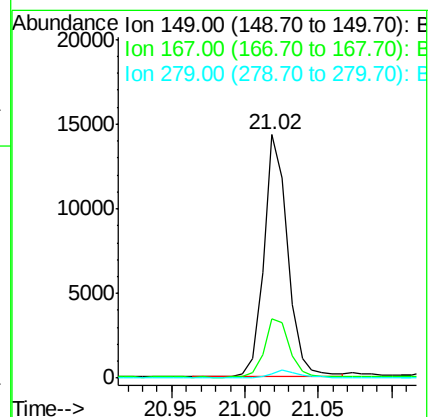
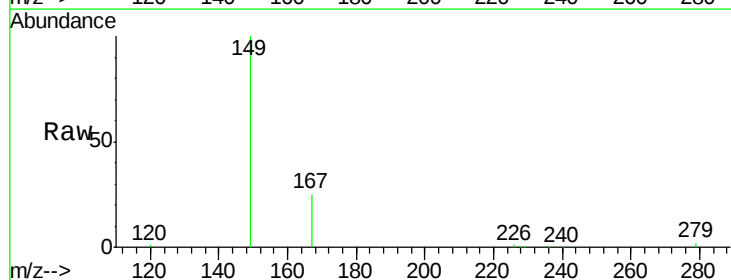
Tgt Ion:149 Resp: 16159

Ion Ratio Lower Upper

149 100

167 25.5 19.8 29.8

279 3.0 2.4 3.6





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.89 ng

RT: 25.78 min Scan# 3827

Delta R.T. 0.00 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC001

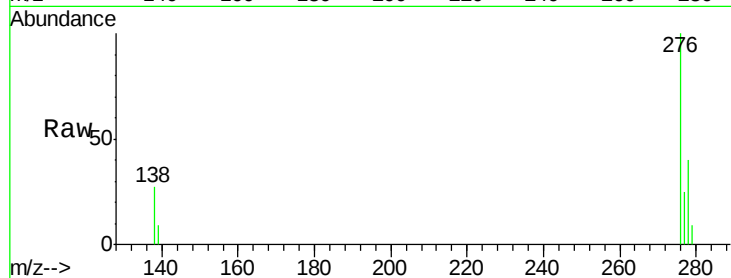
Tgt Ion:276 Resp: 40645

Ion Ratio Lower Upper

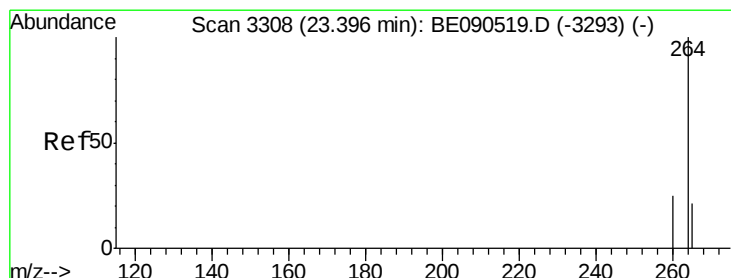
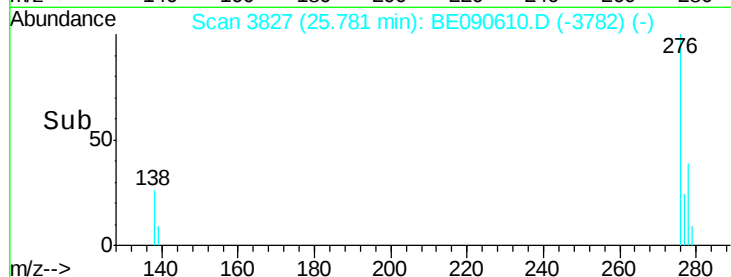
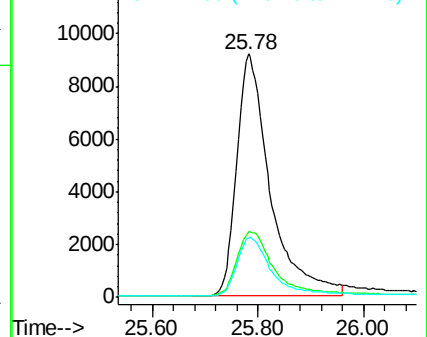
276 100

138 29.1 18.8 28.2#

277 24.8 18.2 27.4



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



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.39 min Scan# 3306

Delta R.T. -0.00 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

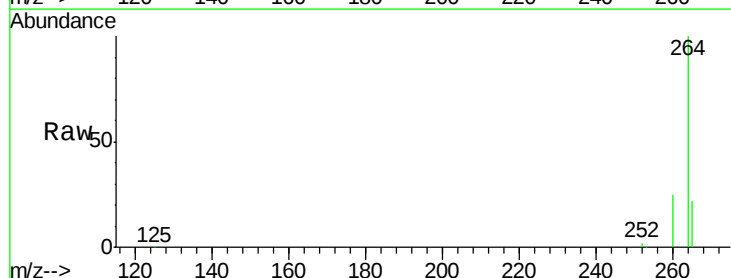
Tgt Ion:264 Resp: 159693

Ion Ratio Lower Upper

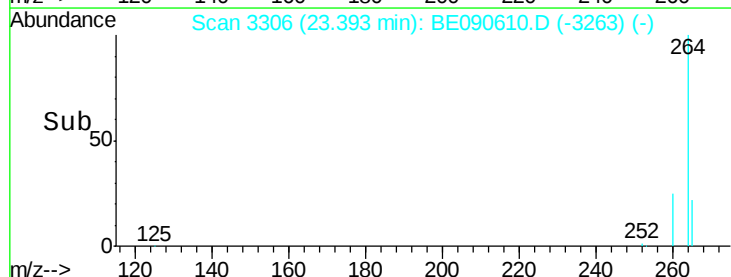
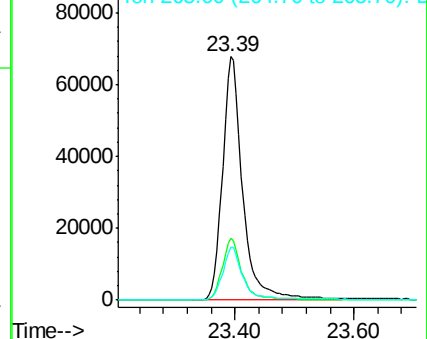
264 100

260 25.2 20.1 30.1

265 21.8 17.2 25.8



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





#33

Benzo(b)fluoranthene

Concen: 0.99 ng

RT: 22.69 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC001

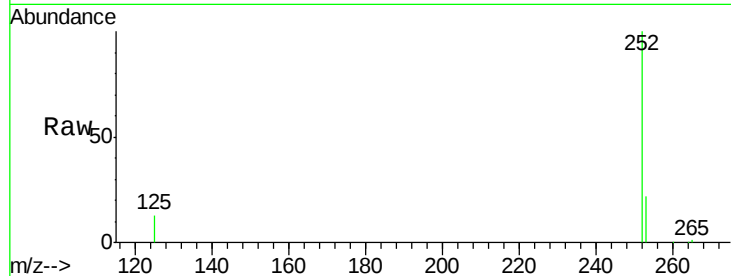
Tgt Ion:252 Resp: 37366

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

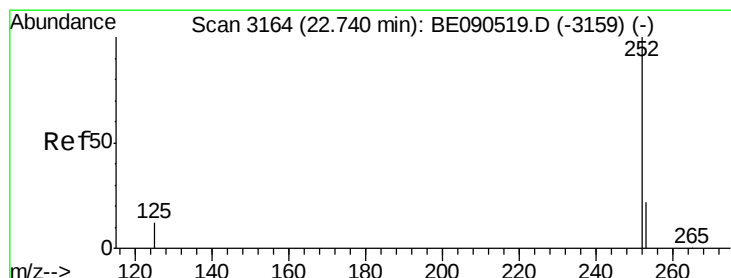
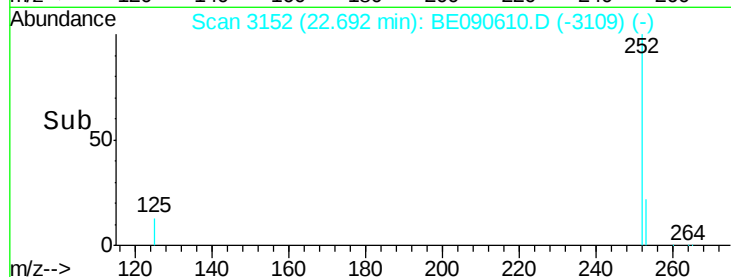
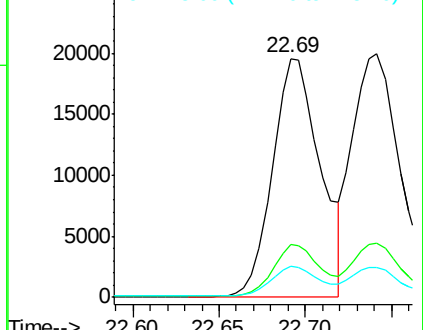
125 13.3 9.4 14.2



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



#34

Benzo(k)fluoranthene

Concen: 0.99 ng

RT: 22.74 min Scan# 3163

Delta R.T. 0.00 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

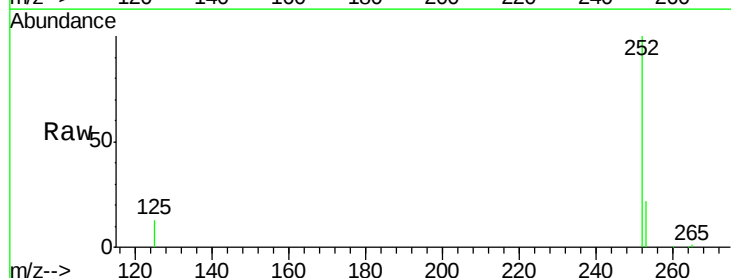
Tgt Ion:252 Resp: 42627

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

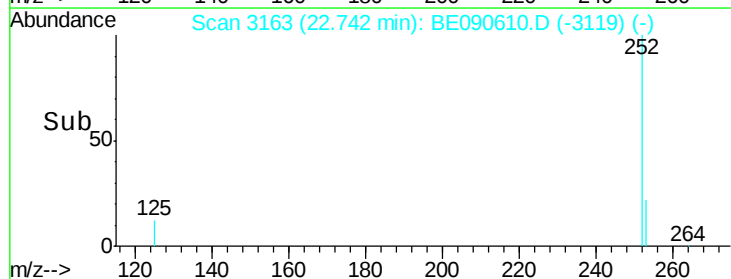
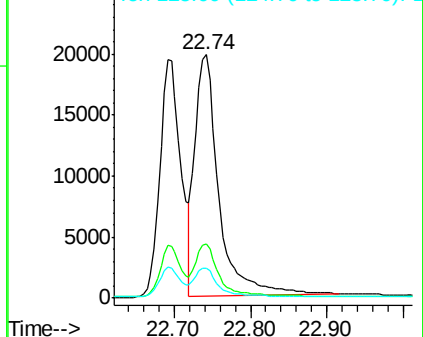
125 12.5 9.1 13.7



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





#35

Benzo(a)pyrene

Concen: 0.95 ng

RT: 23.29 min Scan# 3284

Delta R.T. 0.00 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC001

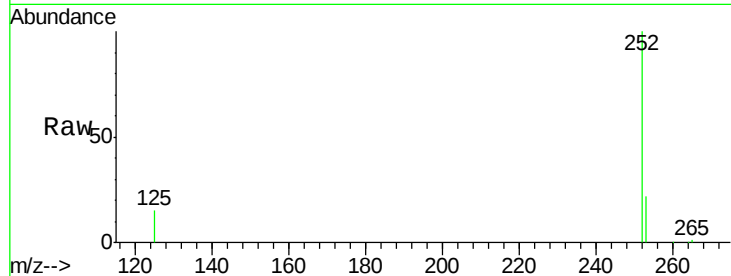
Tgt Ion:252 Resp: 33586

Ion Ratio Lower Upper

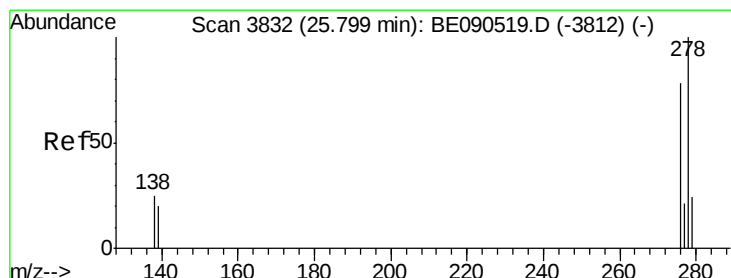
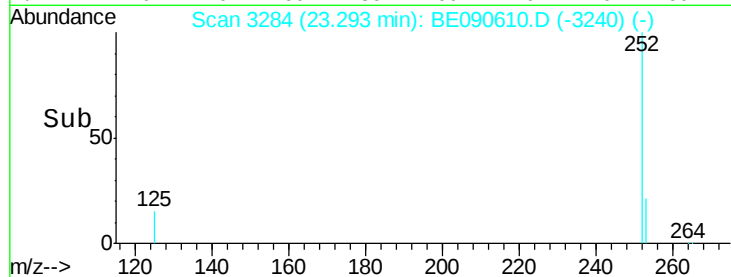
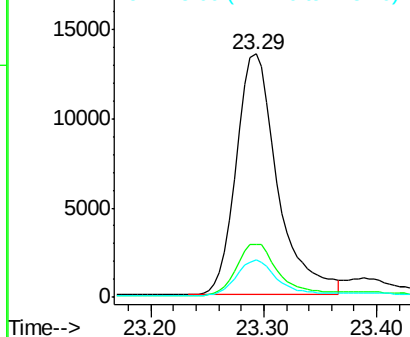
252 100

253 22.0 17.6 26.4

125 15.3 9.8 14.6#



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

Dibenzo(a,h)anthracene

Concen: 0.90 ng

RT: 25.80 min Scan# 3832

Delta R.T. 0.00 min

Lab File: BE090610.D

Acq: 25 Aug 2015 12:23

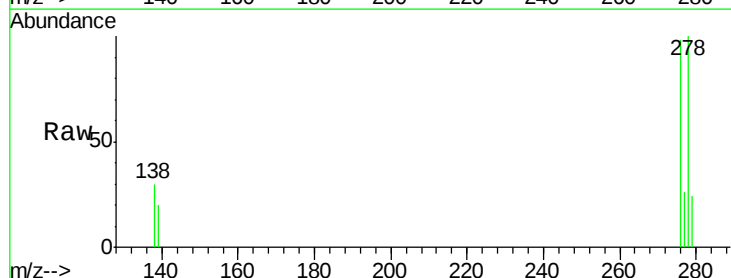
Tgt Ion:278 Resp: 30714

Ion Ratio Lower Upper

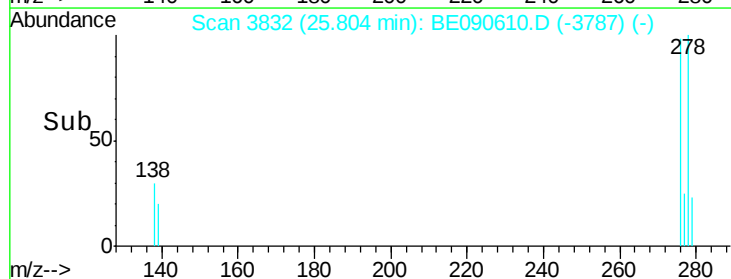
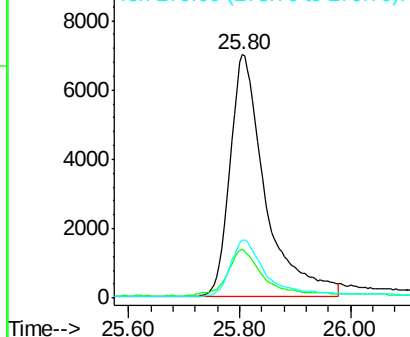
278 100

139 20.3 14.2 21.4

279 23.9 20.1 30.1



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





#37

Benzo(g,h,i)perylene

Concen: 0.93 ng

RT: 26.51 min Scan# 3987

Delta R.T. -0.00 min

Lab File: BE090610.D

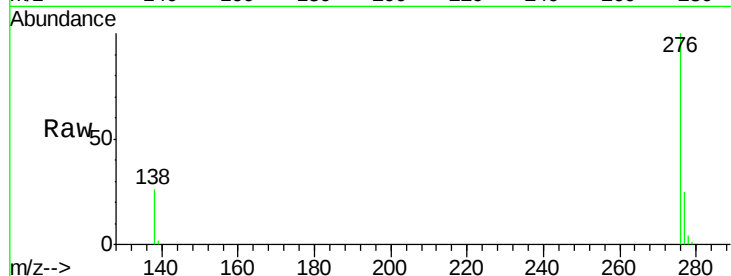
Acq: 25 Aug 2015 12:23

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC001



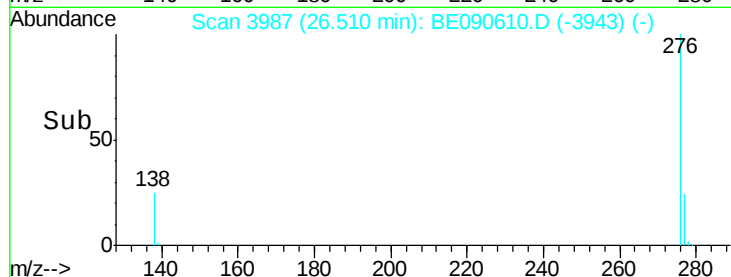
Tgt Ion: 276 Resp: 34661

Ion Ratio Lower Upper

276 100

277 24.6 20.1 30.1

138 26.1 18.1 27.1



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

