

Data Path : Z:\HPCHEM1\BNA E\Data\Be051816\  
 Data File : BE091792.D  
 Acq On : 18 May 2016 16:57  
 Operator : UM/SJ  
 Sample : H3115-01  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 NC-TS-002

Quant Time: May 18 17:34:37 2016  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042616.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 26 16:09:46 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.79  | 152  | 38100    | 5.00 | ng    | -0.02    |
| 7) Naphthalene-d8         | 10.55 | 136  | 199469   | 5.00 | ng    | -0.02    |
| 13) Acenaphthene-d10      | 14.41 | 164  | 135843   | 5.00 | ng    | -0.01    |
| 19) Phenanthrene-d10      | 17.14 | 188  | 387137   | 5.00 | ng    | -0.01    |
| 26) Chrysene-d12          | 21.29 | 240  | 452812   | 5.00 | ng    | -0.02    |
| 35) Perylene-d12          | 23.73 | 264  | 399399   | 5.00 | ng    | -0.02    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Fluorophenol           | 5.37  | 112  | 45561    | 4.87 | ng    | -0.02    |
| 5) Phenol-d6                | 6.94  | 99   | 75679    | 6.10 | ng    | -0.02    |
| 8) Nitrobenzene-d5          | 8.93  | 82   | 33018    | 2.56 | ng    | -0.01    |
| 14) 2,4,6-Tribromophenol    | 15.88 | 330  | 27460    | 5.48 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl        | 13.02 | 172  | 101930   | 2.65 | ng    | -0.01    |
| 29) Terphenyl-d14           | 19.74 | 244  | 186735   | 2.64 | ng    | -0.02    |

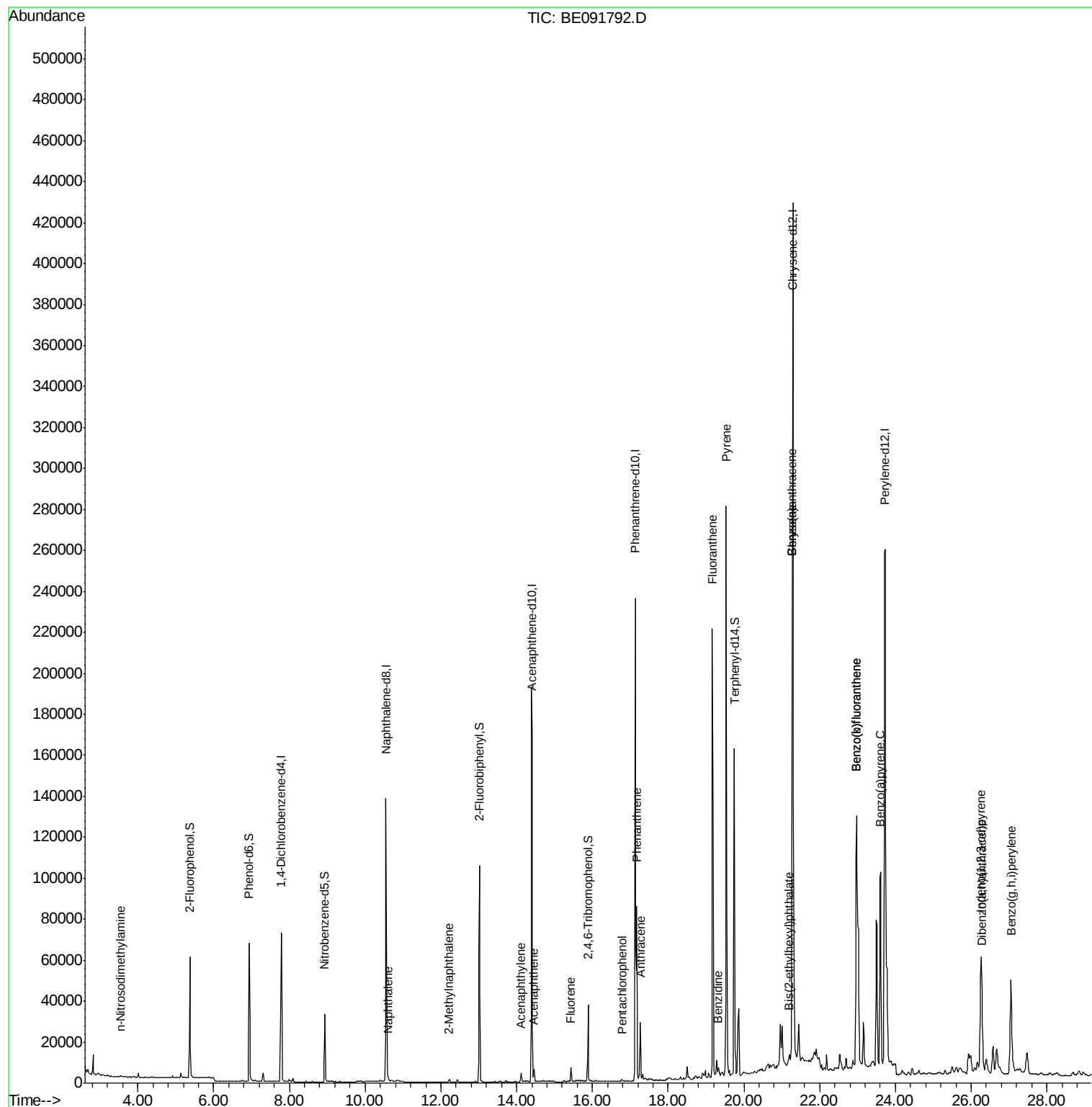
| Target Compounds               | R.T.  | QIon | Response | Conc | Units | Qvalue |
|--------------------------------|-------|------|----------|------|-------|--------|
| 3) n-Nitrosodimethylamine      | 3.54  | 42   | 334      | 0.05 | ng    | # 1    |
| 10) Naphthalene                | 10.61 | 128  | 1547     | 0.04 | ng    | # 82   |
| 12) 2-Methylnaphthalene        | 12.21 | 142  | 1267     | 0.05 | ng    | # 90   |
| 16) Acenaphthylene             | 14.11 | 152  | 9073     | 0.17 | ng    | # 88   |
| 17) Acenaphthene               | 14.46 | 154  | 3160     | 0.09 | ng    | # 80   |
| 18) Fluorene                   | 15.43 | 166  | 6268     | 0.15 | ng    | 100    |
| 22) Pentachlorophenol          | 16.78 | 266  | 1060     | 0.24 | ng    | 91     |
| 23) Phenanthrene               | 17.17 | 178  | 89951    | 1.02 | ng    | 99     |
| 24) Anthracene                 | 17.26 | 178  | 33916    | 0.43 | ng    | 99     |
| 25) Fluoranthene               | 19.17 | 202  | 287420   | 3.13 | ng    | 97     |
| 27) Benzidine                  | 19.32 | 184  | 288      | 0.17 | ng    | # 1    |
| 28) Pvrene                     | 19.53 | 202  | 298037   | 2.91 | ng    | # 93   |
| 30) Benzo(a)anthracene         | 21.27 | 228  | 351073   | 3.17 | ng    | 96     |
| 32) Chrysene                   | 21.27 | 228  | 350143   | 3.05 | ng    | 96     |
| 33) Bis(2-ethylhexyl)phthalate | 21.20 | 149  | 7847     | 0.23 | ng    | # 89   |
| 34) Indeno(1,2,3-cd)pyrene     | 26.26 | 276  | 108607   | 1.06 | ng    | # 91   |
| 36) Benzo(b)fluoranthene       | 22.97 | 252  | 311693   | 3.33 | ng    | # 90   |
| 37) Benzo(k)fluoranthene       | 22.97 | 252  | 311693   | 3.28 | ng    | # 90   |
| 38) Benzo(a)pvrene             | 23.61 | 252  | 158708   | 1.80 | ng    | 96     |
| 39) Dibenzo(a,h)anthracene     | 26.28 | 278  | 27502    | 0.33 | ng    | # 84   |
| 40) Benzo(g,h,i)perylene       | 27.05 | 276  | 113682   | 1.34 | ng    | 97     |

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

Data Path : Z:\HPCHEM1\BNA E\Data\Be051816\  
Data File : BE091792.D  
Acq On : 18 May 2016 16:57  
Operator : UM/SJ  
Sample : H3115-01  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_E  
ClientSampleId :  
NC-TS-002

Quant Time: May 18 17:34:37 2016  
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042616.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Apr 26 16:09:46 2016  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.79 min Scan# 299

Delta R.T. -0.02 min

Lab File: BE091792.D

Acq: 18 May 2016 16:57

Instrument :

BNA\_E

ClientSampleId :

NC-TS-002

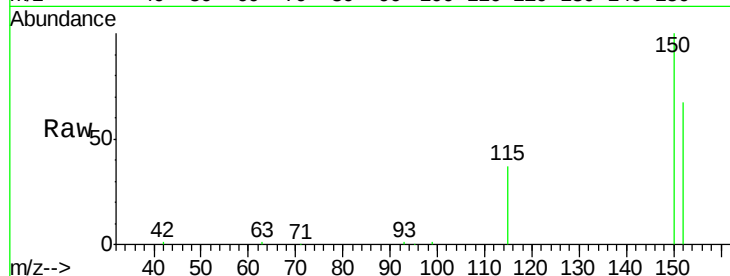
Tot Ion:152 Resp: 38100

Ion Ratio Lower Upper

152 100

150 148.7 122.6 183.8

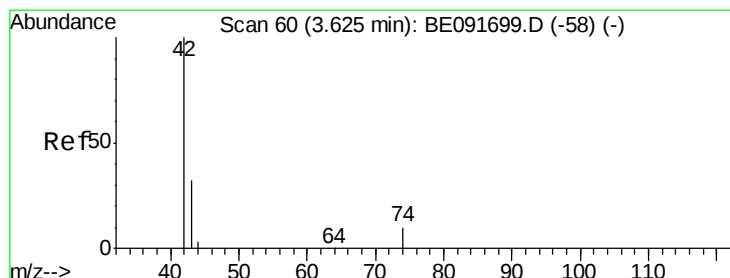
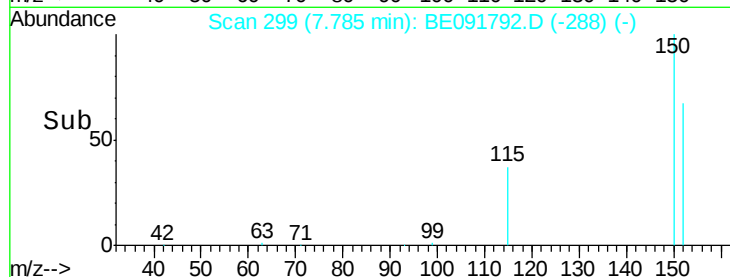
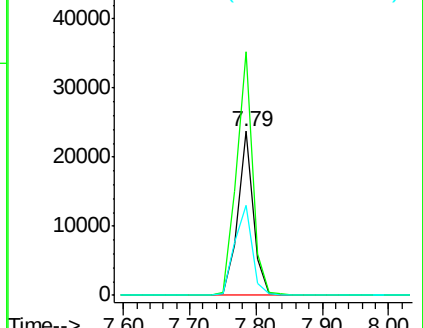
115 54.8 52.8 79.2



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



#3

n-Nitrosodimethylamine

Concen: 0.05 ng

RT: 3.54 min Scan# 55

Delta R.T. -0.09 min

Lab File: BE091792.D

Acq: 18 May 2016 16:57

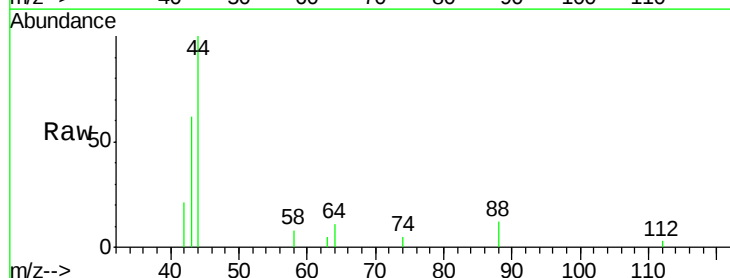
Tgt Ion: 42 Resp: 334

Ion Ratio Lower Upper

42 100

74 0.0 87.9 131.9#

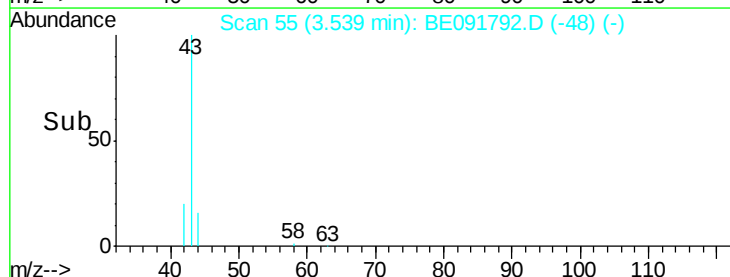
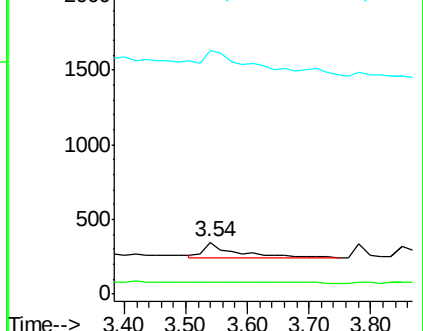
44 228.7 6.6 9.8#

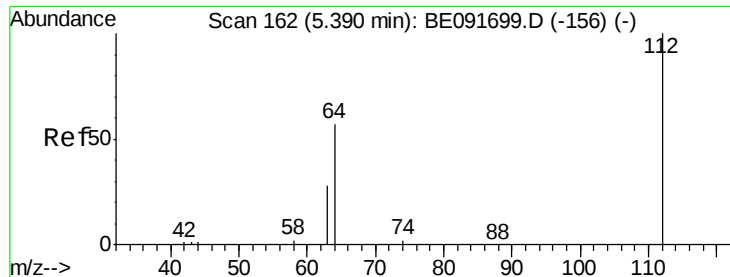


Abundance Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0





#4

2-Fluorophenol

Concen: 4.87 ng

RT: 5.37 min Scan# 161

Delta R.T. -0.02 min

Lab File: BE091792.D

Acq: 18 May 2016 16:57

Instrument :

BNA\_E

ClientSampleId :

NC-TS-002

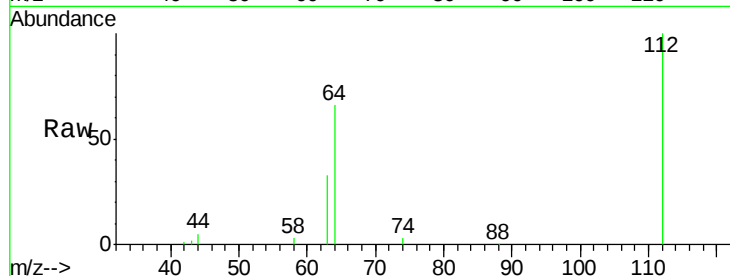
Tot Ion:112 Resp: 45561

Ion Ratio Lower Upper

112 100

64 64.6 30.9 46.3#

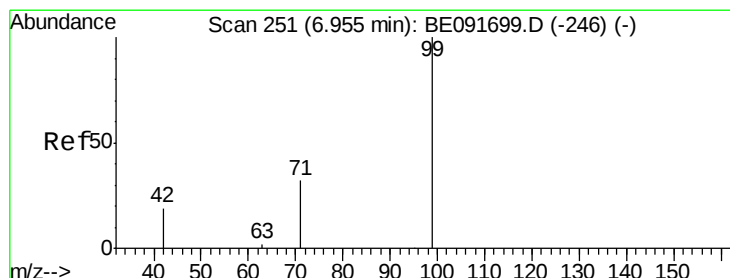
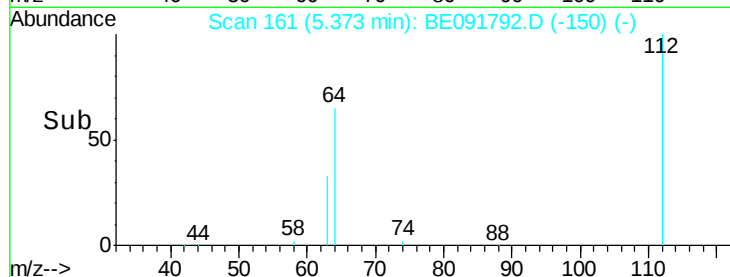
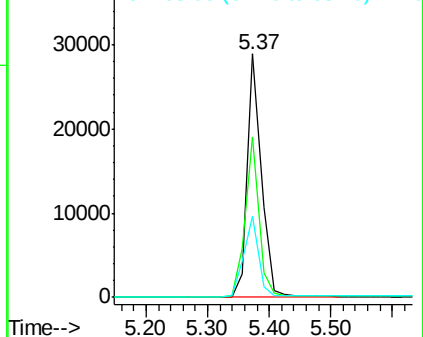
63 34.6 16.7 25.1#



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 6.10 ng

RT: 6.94 min Scan# 250

Delta R.T. -0.02 min

Lab File: BE091792.D

Acq: 18 May 2016 16:57

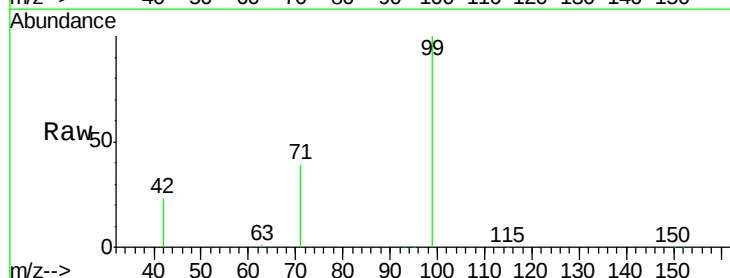
Tgt Ion: 99 Resp: 75679

Ion Ratio Lower Upper

99 100

42 22.7 16.2 24.2

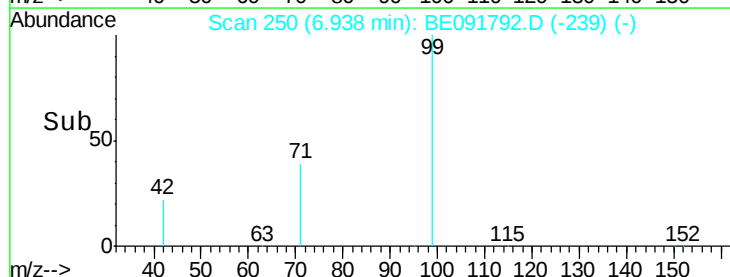
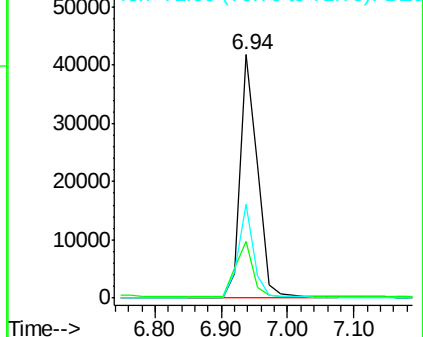
71 35.1 29.0 43.4

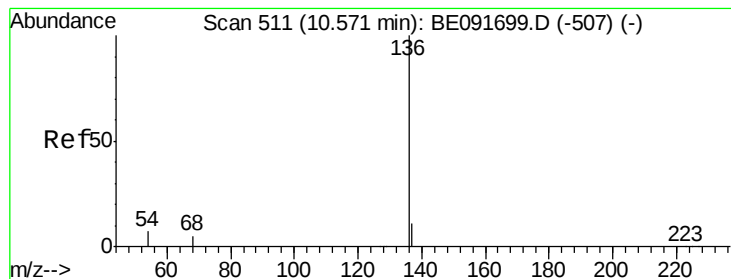


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.55 min Scan# 510

Delta R.T. -0.02 min

Lab File: BE091792.D

Acq: 18 May 2016 16:57

Instrument :

BNA\_E

ClientSampleId :

NC-TS-002

Tot Ion:136 Resp: 199469

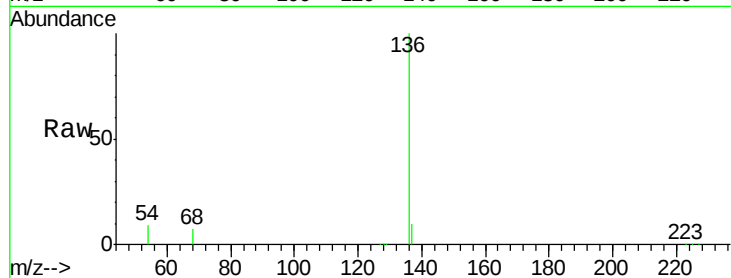
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 9.5 8.2 12.4

68 7.0 6.2 9.4

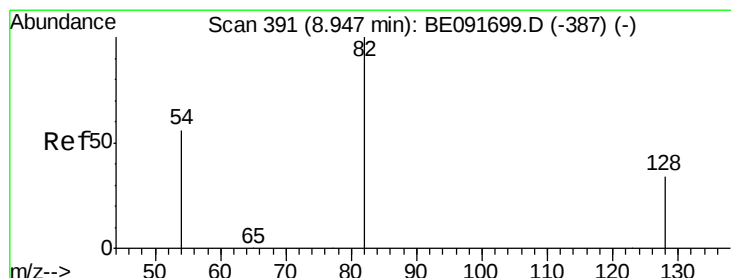
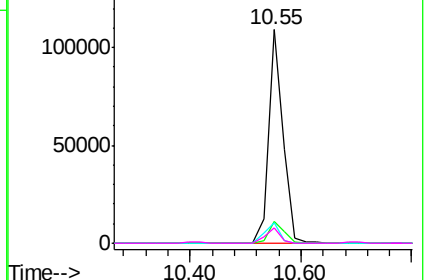
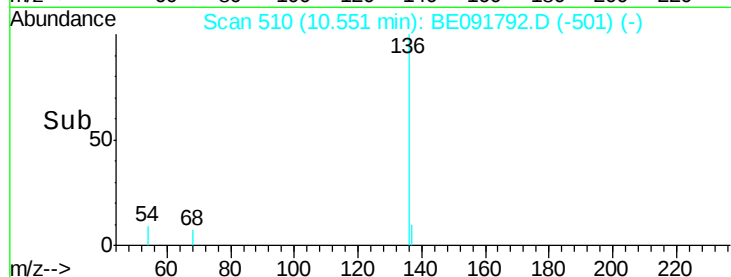


Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.56 ng

RT: 8.93 min Scan# 390

Delta R.T. -0.01 min

Lab File: BE091792.D

Acq: 18 May 2016 16:57

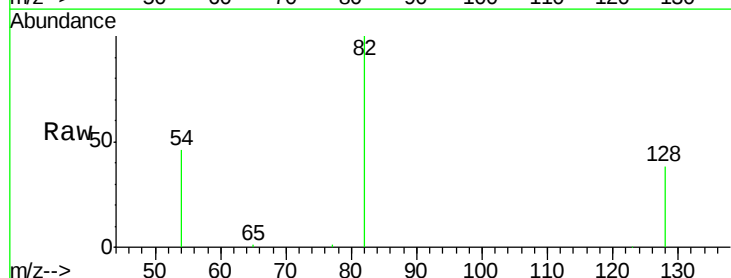
Tgt Ion: 82 Resp: 33018

Ion Ratio Lower Upper

82 100

128 37.7 25.4 38.0

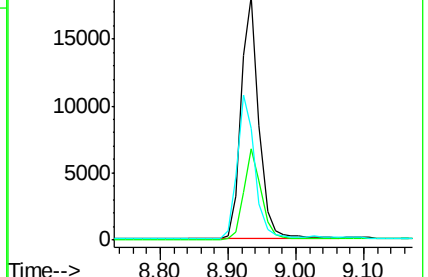
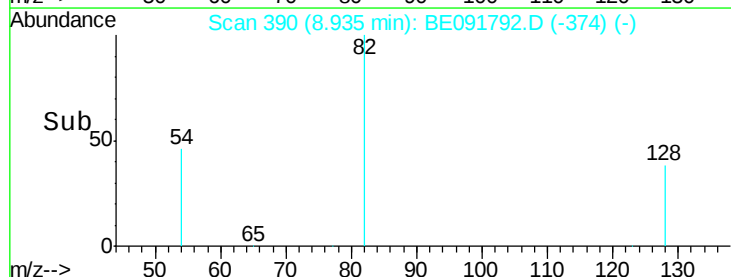
54 45.9 48.4 72.6#

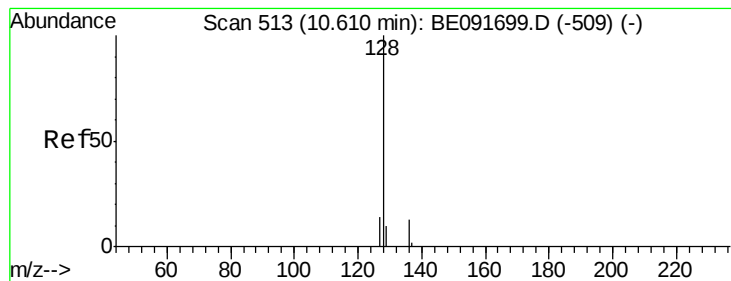


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#10

Naphthalene

Concen: 0.04 ng

RT: 10.61 min Scan# 513

Delta R.T. -0.00 min

Lab File: BE091792.D

Acq: 18 May 2016 16:57

Instrument :

BNA\_E

ClientSampleId :

NC-TS-002

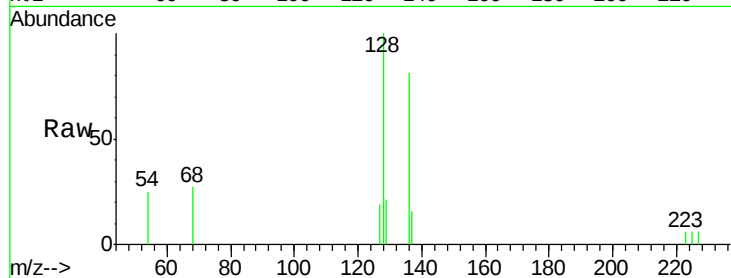
Tot Ion:128 Resp: 1547

Ion Ratio Lower Upper

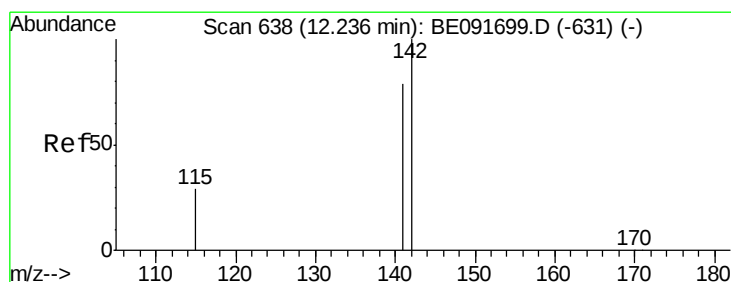
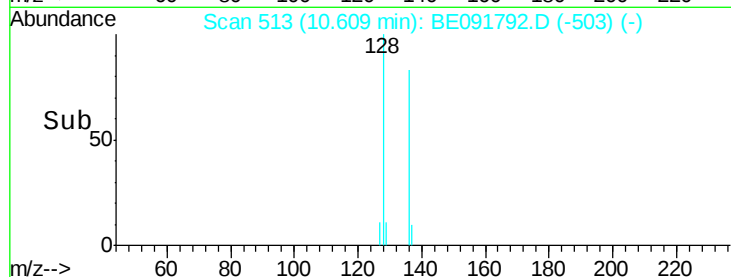
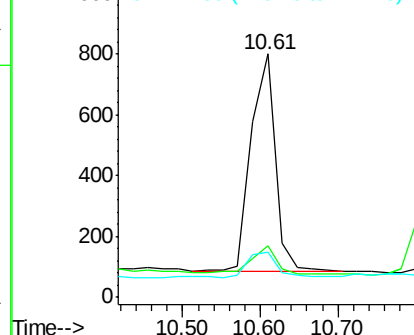
128 100

129 21.1 9.3 13.9#

127 18.6 10.7 16.1#



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



#12

2-Methylnaphthalene

Concen: 0.05 ng

RT: 12.21 min Scan# 636

Delta R.T. -0.02 min

Lab File: BE091792.D

Acq: 18 May 2016 16:57

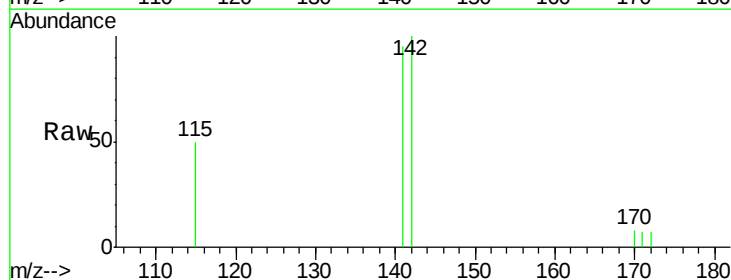
Tgt Ion:142 Resp: 1267

Ion Ratio Lower Upper

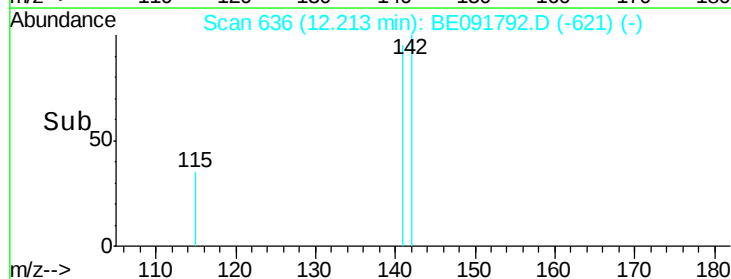
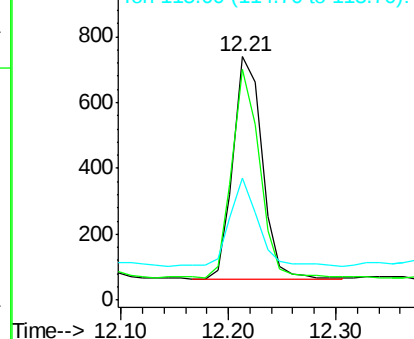
142 100

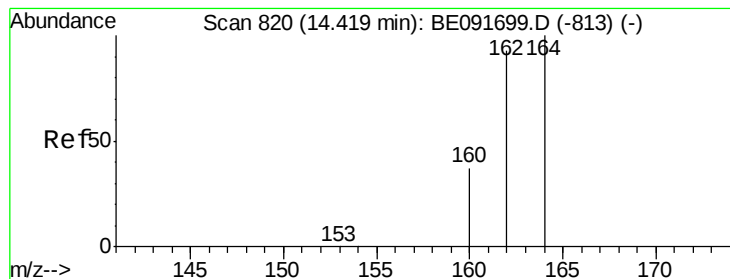
141 95.0 71.4 107.0

115 49.9 30.3 45.5#



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





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.41 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE091792.D

Acq: 18 May 2016 16:57

Instrument :

BNA\_E

ClientSampleId :

NC-TS-002

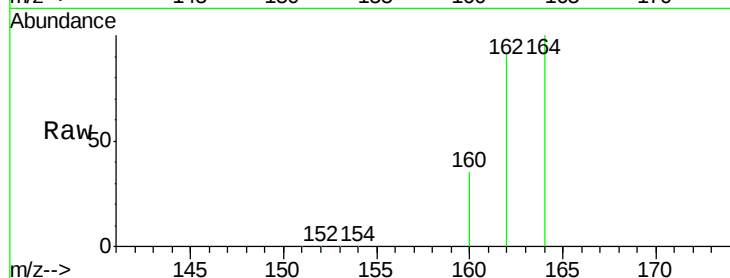
Tot Ion:164 Resp: 135843

Ion Ratio Lower Upper

164 100

162 91.2 85.3 127.9

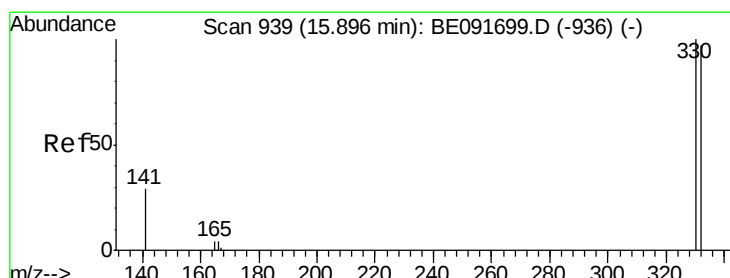
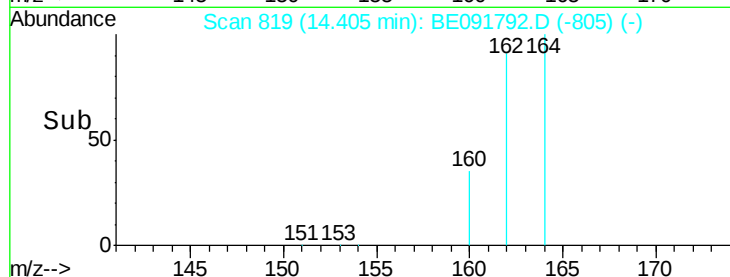
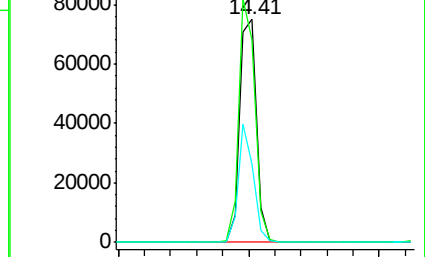
160 35.3 46.2 69.2#



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 5.48 ng

RT: 15.88 min Scan# 938

Delta R.T. -0.01 min

Lab File: BE091792.D

Acq: 18 May 2016 16:57

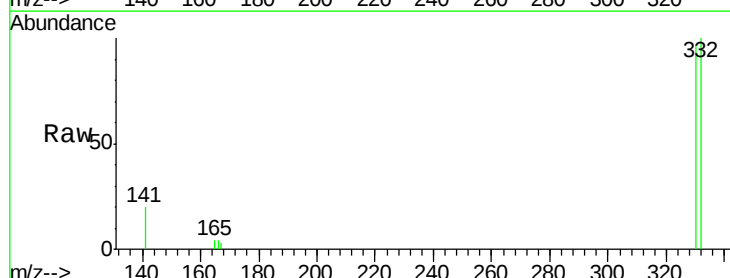
Tgt Ion:330 Resp: 27460

Ion Ratio Lower Upper

330 100

332 95.9 79.1 118.7

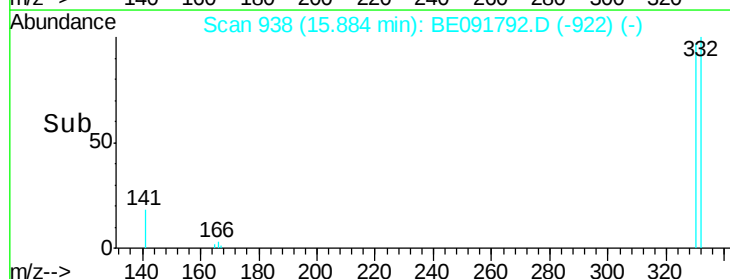
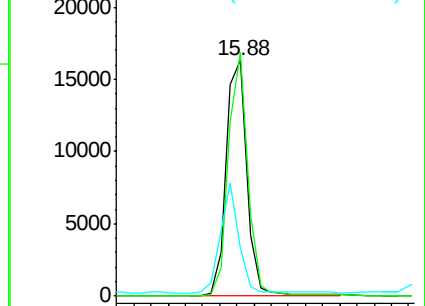
141 41.4 125.4 188.0#

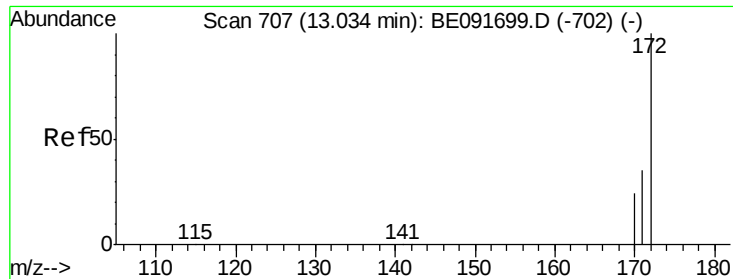


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

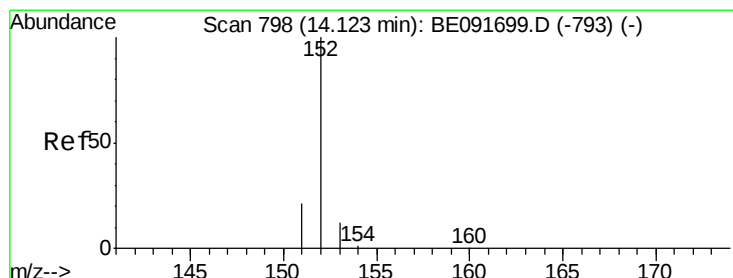
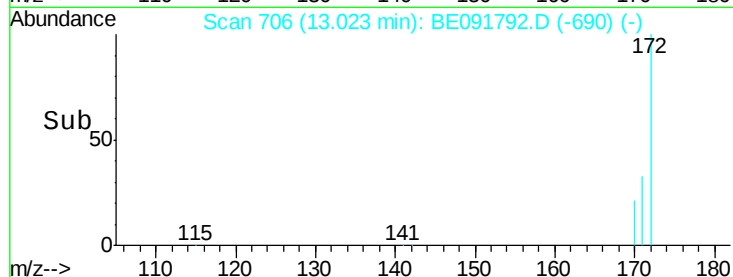
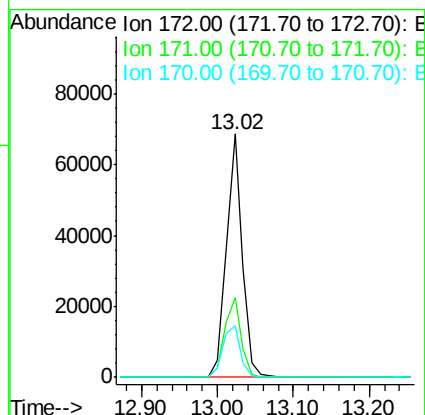
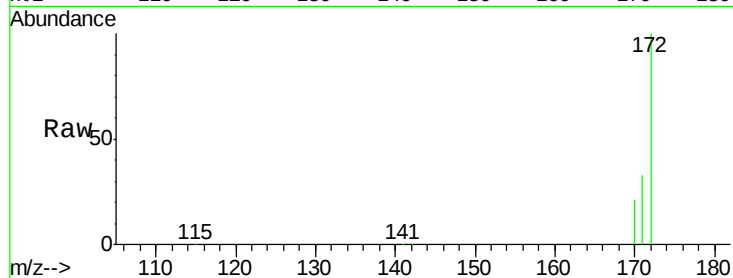




#15  
2-Fluorobiphenyl  
Concen: 2.65 ng  
RT: 13.02 min Scan# 706  
Delta R.T. -0.01 min  
Lab File: BE091792.D  
Acq: 18 May 2016 16:57

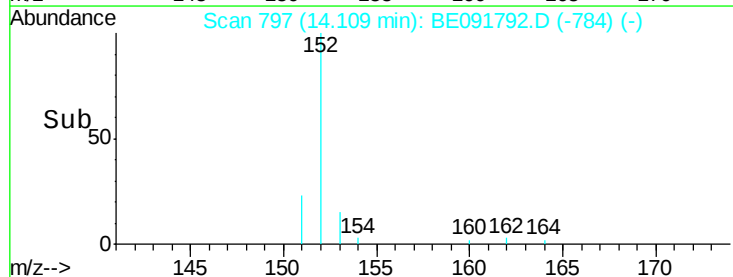
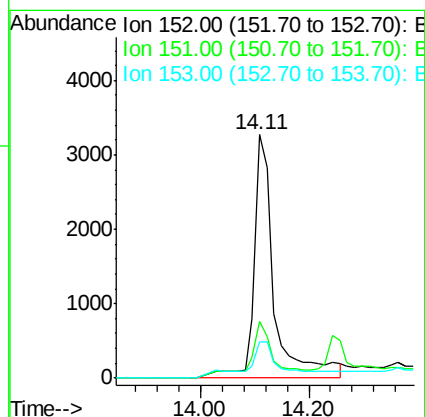
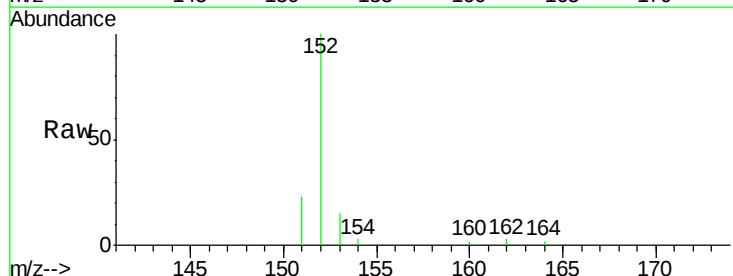
Instrument :  
BNA\_E  
ClientSampleId :  
NC-TS-002

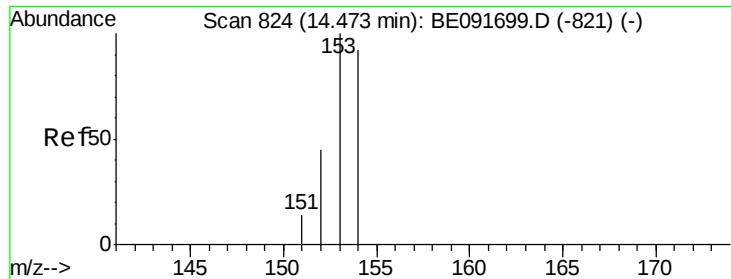
Tot Ion:172 Resp: 101930  
Ion Ratio Lower Upper  
172 100  
171 32.8 28.8 43.2  
170 21.1 19.3 28.9



#16  
Acenaphthylene  
Concen: 0.17 ng  
RT: 14.11 min Scan# 797  
Delta R.T. -0.01 min  
Lab File: BE091792.D  
Acq: 18 May 2016 16:57

Tgt Ion:152 Resp: 9073  
Ion Ratio Lower Upper  
152 100  
151 14.6 3.9 5.9#  
153 14.8 10.3 15.5





#17

Acenaphthene

Concen: 0.09 ng

RT: 14.46 min Scan# 823

Delta R.T. -0.01 min

Lab File: BE091792.D

Acq: 18 May 2016 16:57

Instrument :

BNA\_E

ClientSampleId :

NC-TS-002

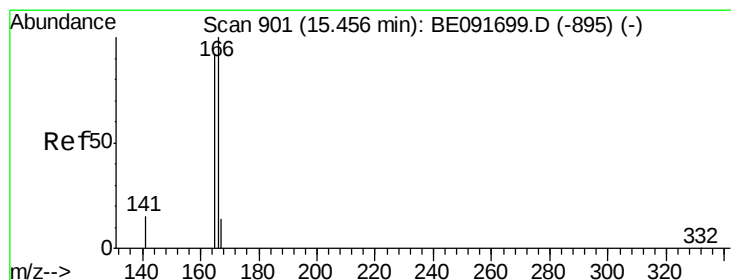
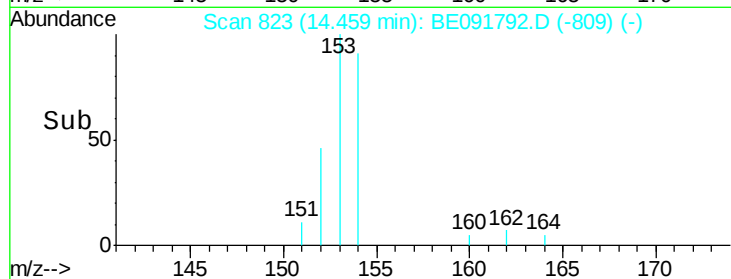
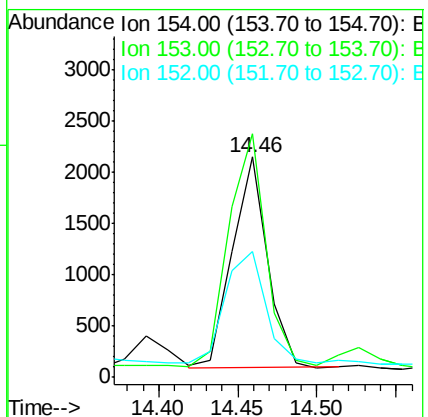
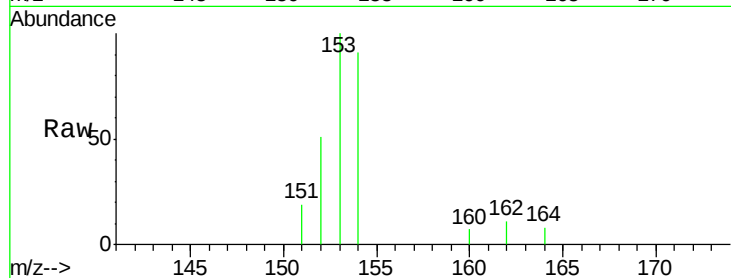
Tot Ion:154 Resp: 3160

Ion Ratio Lower Upper

154 100

153 118.8 80.0 120.0

152 64.7 40.0 60.0#



#18

Fluorene

Concen: 0.15 ng

RT: 15.43 min Scan# 899

Delta R.T. -0.02 min

Lab File: BE091792.D

Acq: 18 May 2016 16:57

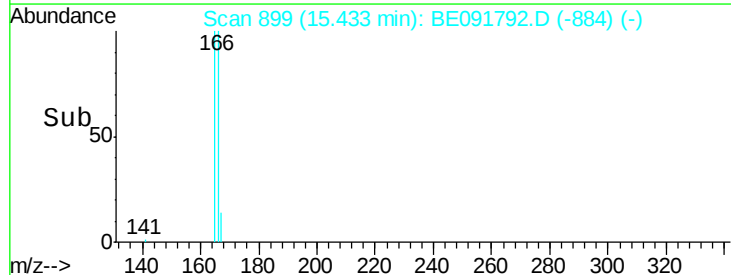
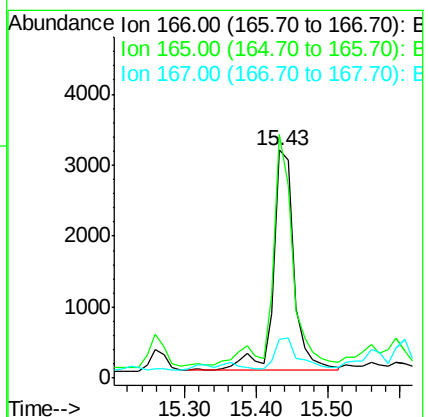
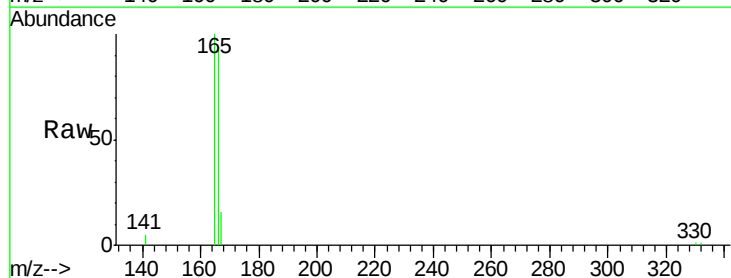
Tgt Ion:166 Resp: 6268

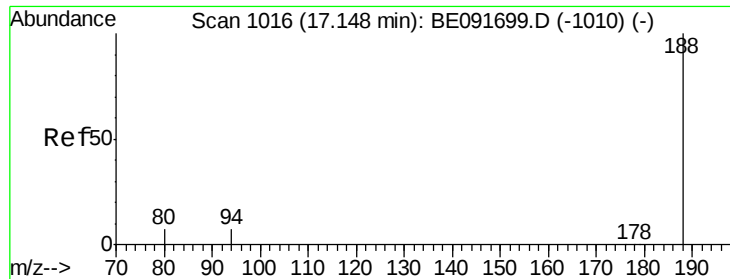
Ion Ratio Lower Upper

166 100

165 101.0 80.8 121.2

167 15.0 10.9 16.3





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.14 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BE091792.D

Acq: 18 May 2016 16:57

Instrument :

BNA\_E

ClientSampleId :

NC-TS-002

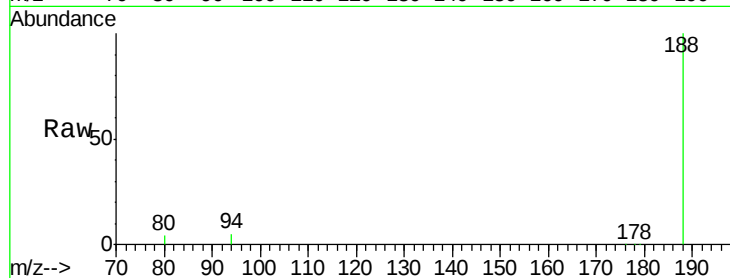
Tot Ion:188 Resp: 387137

Ion Ratio Lower Upper

188 100

94 5.0 8.7 13.1#

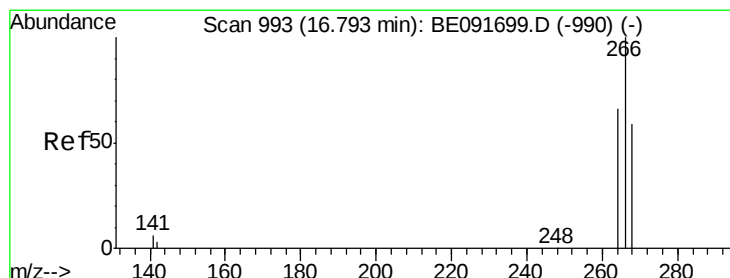
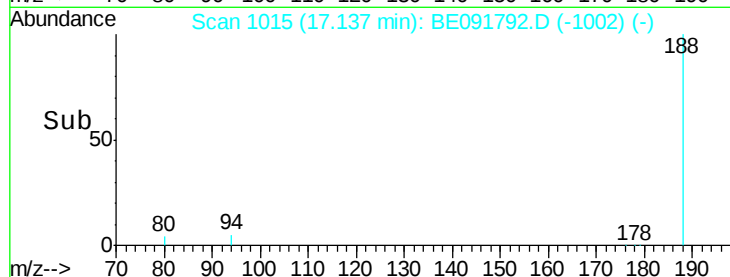
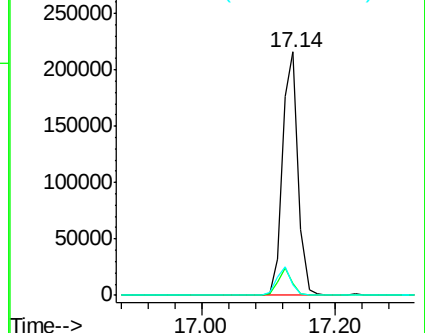
80 4.2 9.4 14.0#



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



#22

Pentachlorophenol

Concen: 0.24 ng

RT: 16.78 min Scan# 992

Delta R.T. -0.02 min

Lab File: BE091792.D

Acq: 18 May 2016 16:57

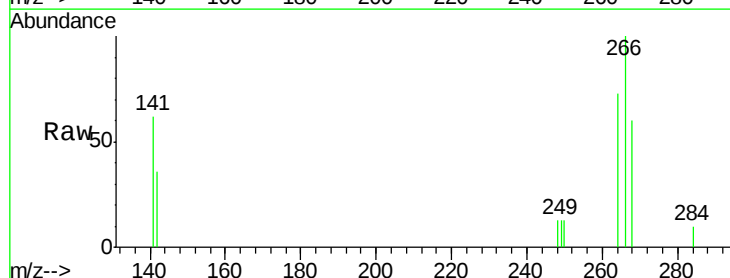
Tgt Ion:266 Resp: 1060

Ion Ratio Lower Upper

266 100

268 60.1 58.2 87.2

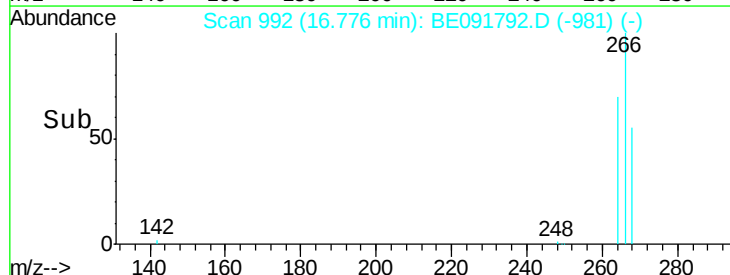
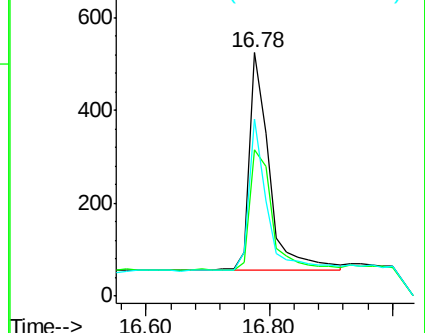
264 72.9 56.2 84.4

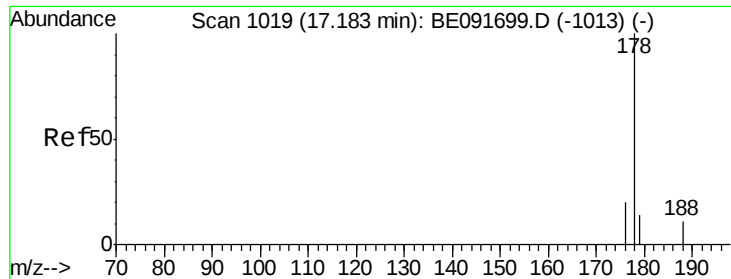


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 1.02 ng

RT: 17.17 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BE091792.D

Acq: 18 May 2016 16:57

Instrument :

BNA\_E

ClientSampleId :

NC-TS-002

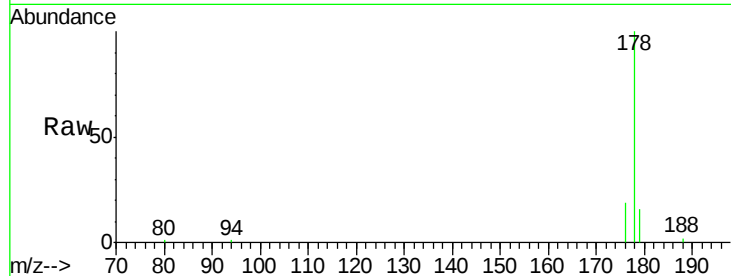
Tot Ion:178 Resp: 89951

Ion Ratio Lower Upper

178 100

176 19.6 15.3 22.9

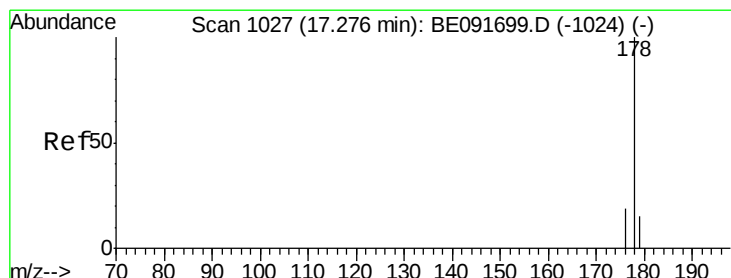
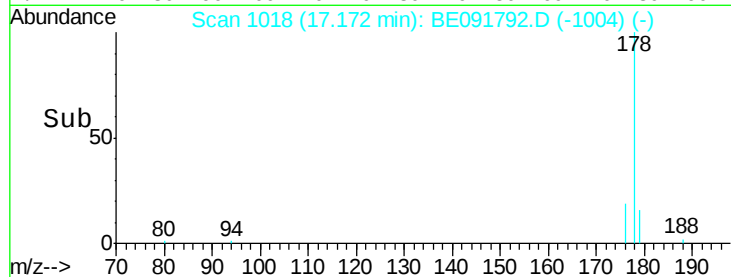
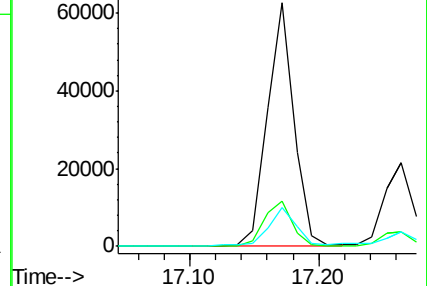
179 16.3 12.6 18.8



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: 0.43 ng

RT: 17.26 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE091792.D

Acq: 18 May 2016 16:57

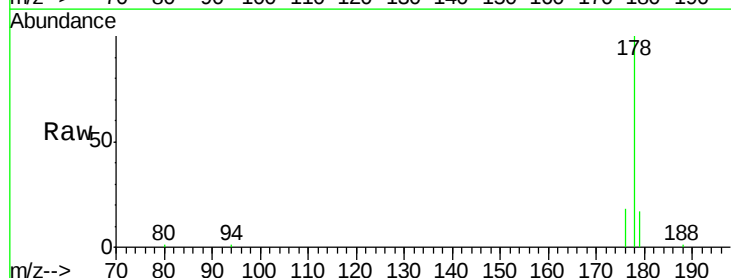
Tgt Ion:178 Resp: 33916

Ion Ratio Lower Upper

178 100

176 18.3 14.6 21.8

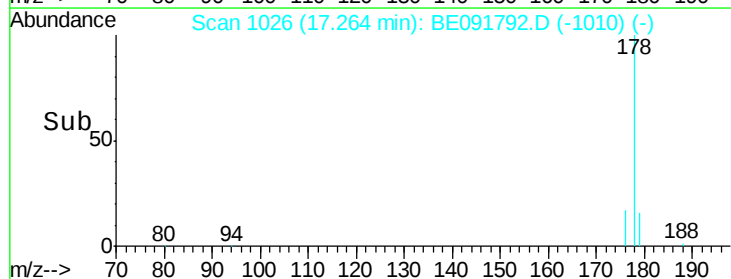
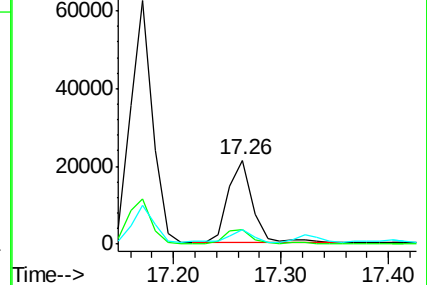
179 15.5 11.8 17.6

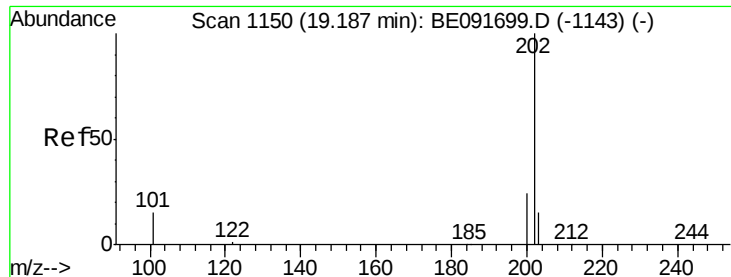


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 3.13 ng

RT: 19.17 min Scan# 1149

Delta R.T. -0.02 min

Lab File: BE091792.D

Acq: 18 May 2016 16:57

Instrument :

BNA\_E

ClientSampleId :

NC-TS-002

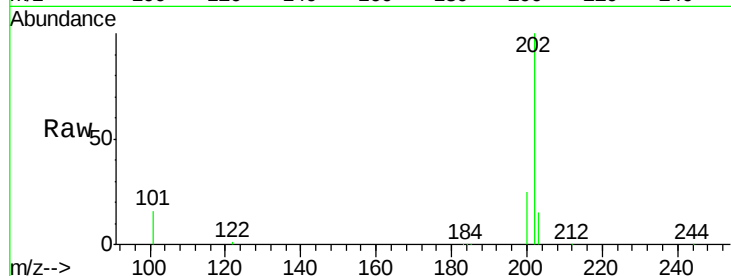
Tot Ion:202 Resp: 287420

Ion Ratio Lower Upper

202 100

101 11.3 11.0 16.6

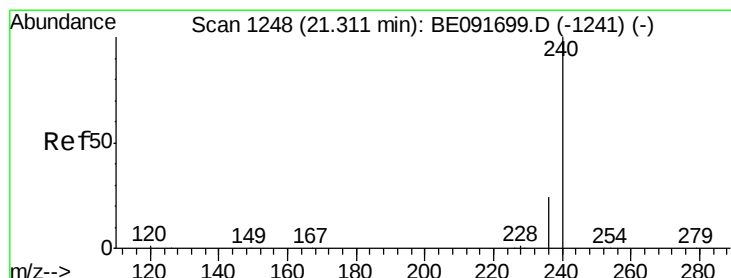
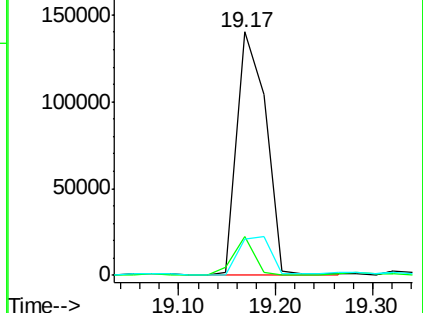
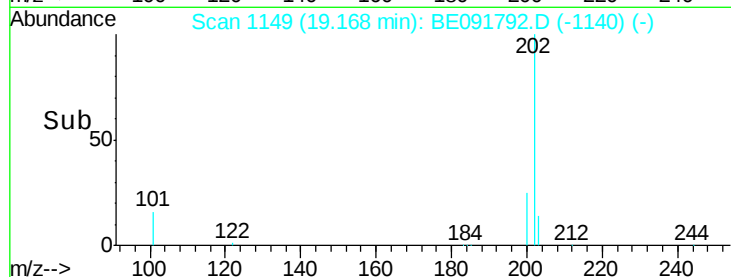
203 17.4 13.9 20.9



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



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.29 min Scan# 1247

Delta R.T. -0.02 min

Lab File: BE091792.D

Acq: 18 May 2016 16:57

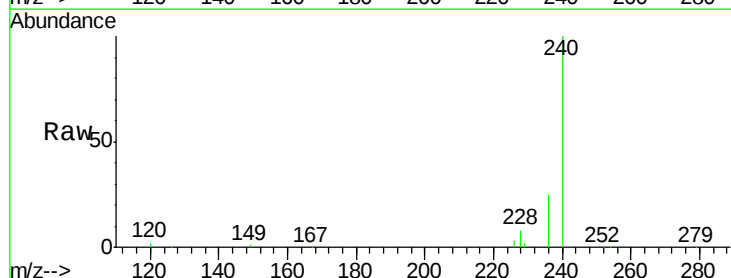
Tgt Ion:240 Resp: 452812

Ion Ratio Lower Upper

240 100

120 2.2 11.0 16.4#

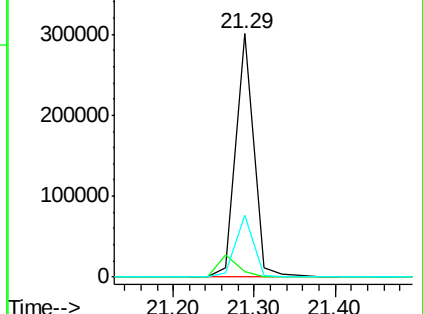
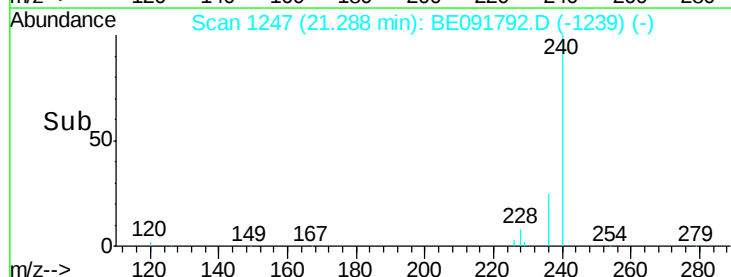
236 25.4 21.7 32.5

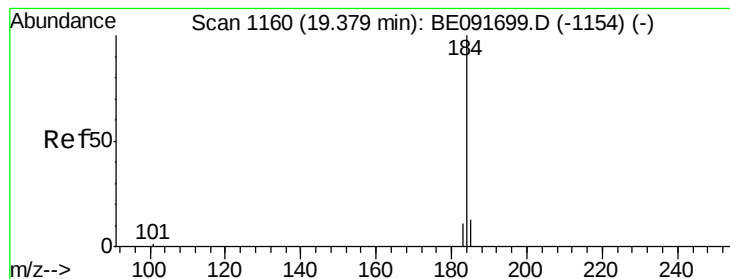


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.17 ng

RT: 19.32 min Scan# 1157

Delta R.T. -0.06 min

Lab File: BE091792.D

Acq: 18 May 2016 16:57

Instrument :

BNA\_E

ClientSampleId :

NC-TS-002

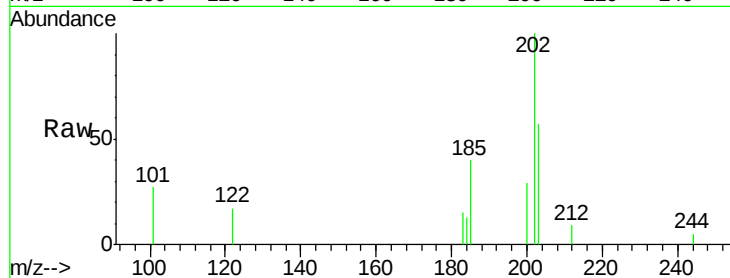
Tot Ion:184 Resp: 288

Ion Ratio Lower Upper

184 100

185 314.7 22.3 33.5#

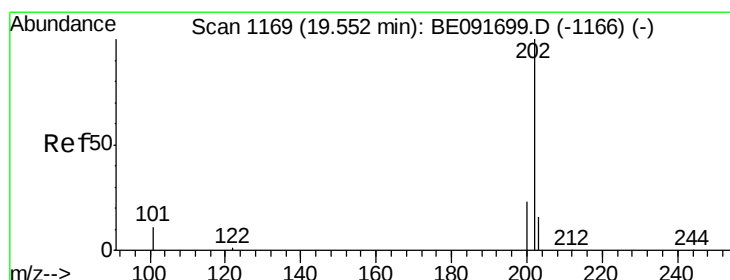
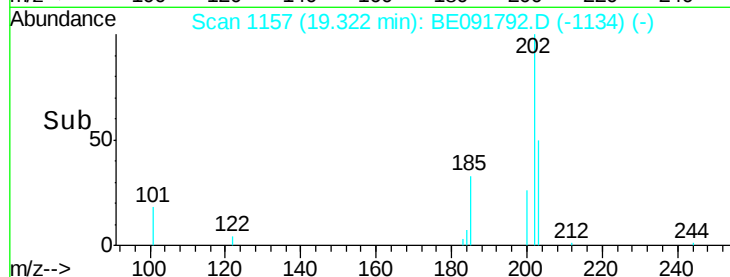
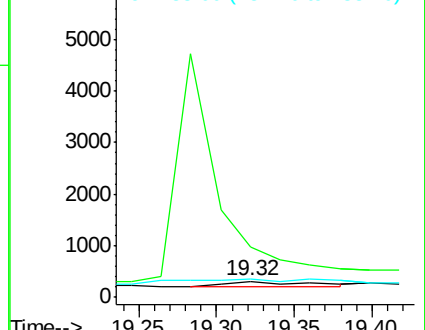
183 115.0 16.4 24.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#28

Pyrene

Concen: 2.91 ng

RT: 19.53 min Scan# 1168

Delta R.T. -0.02 min

Lab File: BE091792.D

Acq: 18 May 2016 16:57

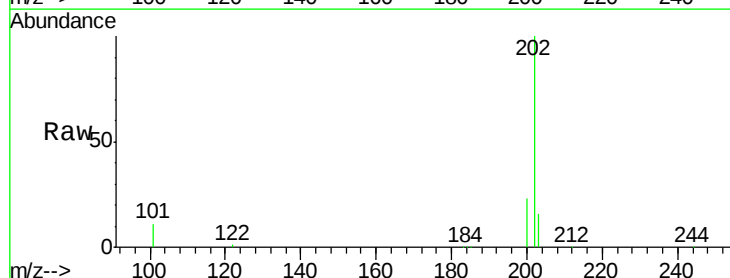
Tgt Ion:202 Resp: 298037

Ion Ratio Lower Upper

202 100

200 21.7 16.8 25.2

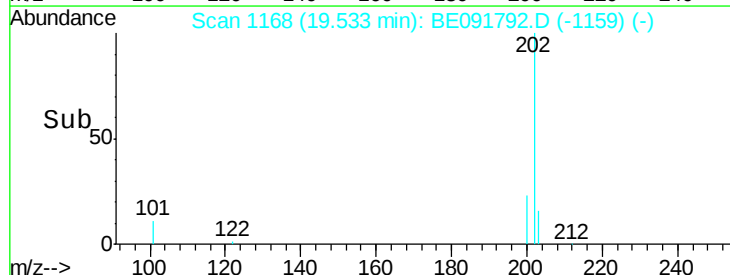
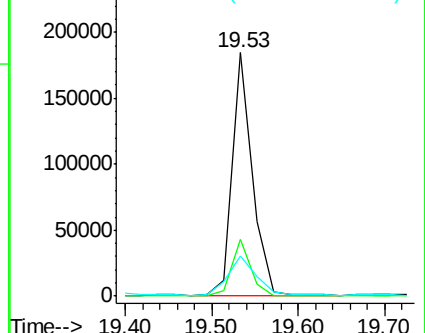
203 23.2 14.0 21.0#

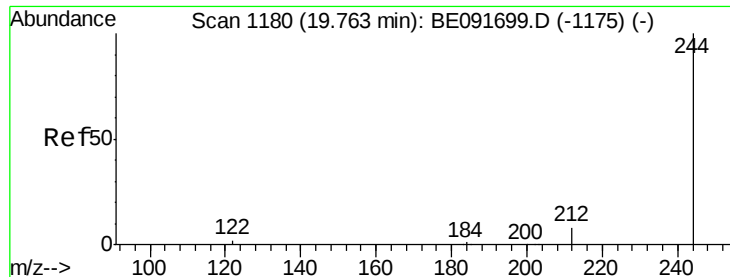


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 2.64 ng

RT: 19.74 min Scan# 1179

Delta R.T. -0.02 min

Lab File: BE091792.D

Acq: 18 May 2016 16:57

Instrument :

BNA\_E

ClientSampleId :

NC-TS-002

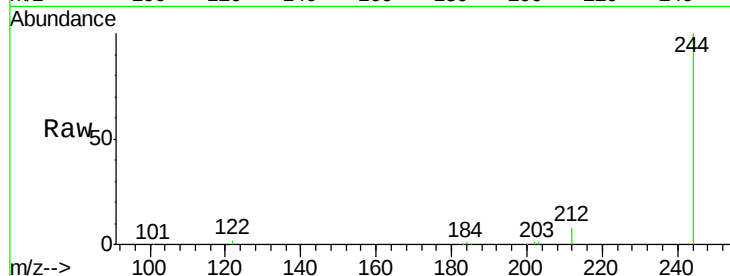
Tot Ion:244 Resp: 186735

Ion Ratio Lower Upper

244 100

212 8.1 6.9 10.3

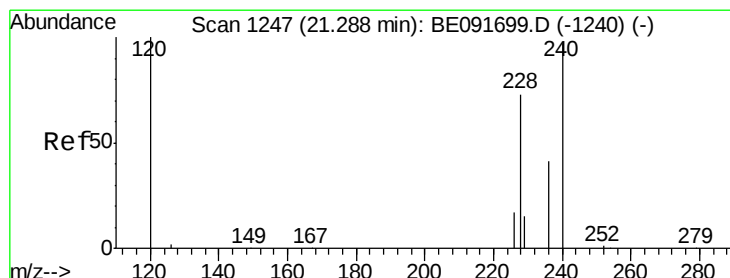
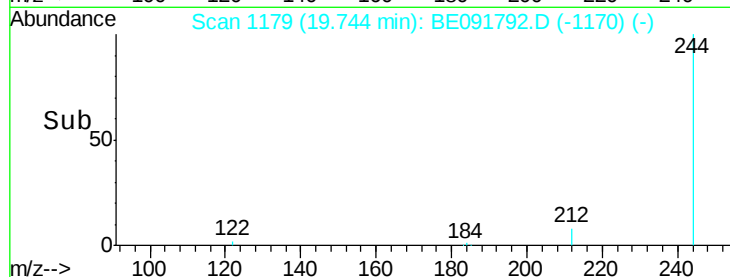
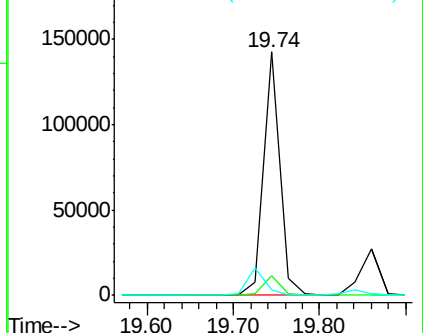
122 2.5 11.0 16.4#



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: 3.17 ng

RT: 21.27 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BE091792.D

Acq: 18 May 2016 16:57

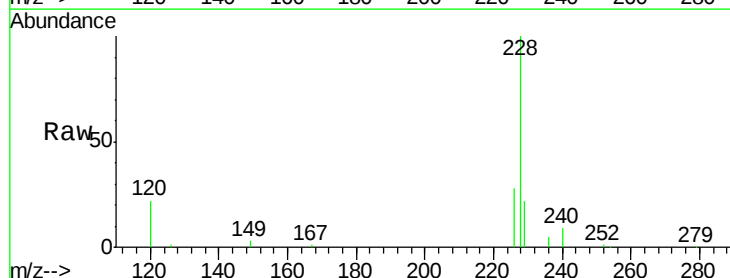
Tgt Ion:228 Resp: 351073

Ion Ratio Lower Upper

228 100

226 27.7 21.0 31.4

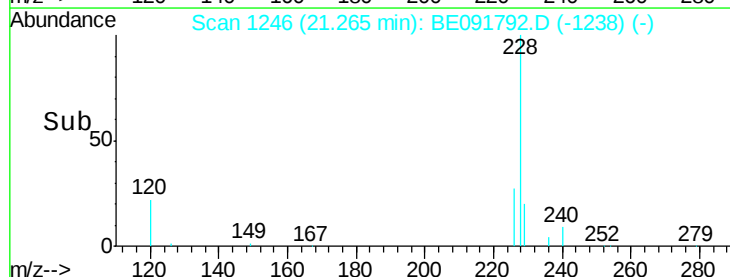
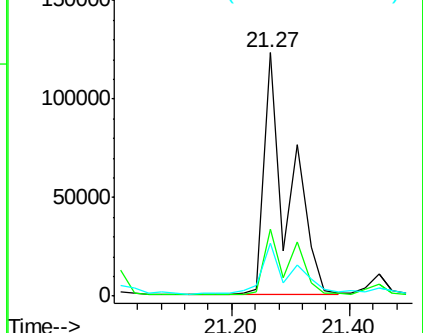
229 21.6 15.7 23.5

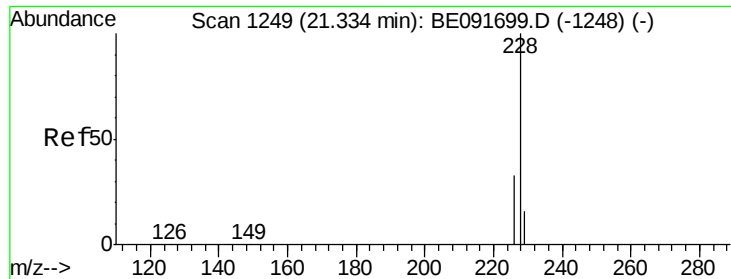


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

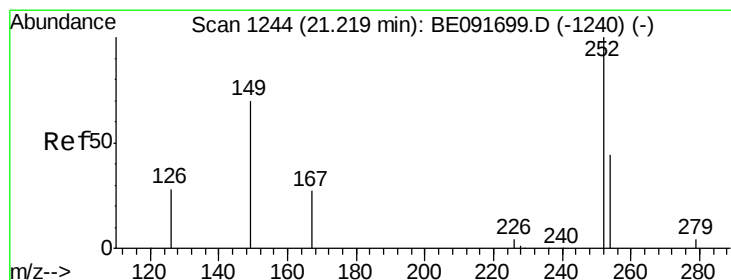
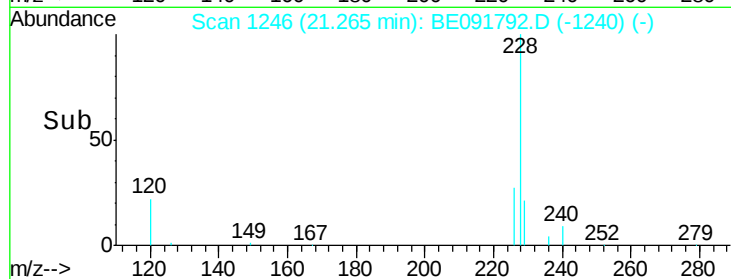
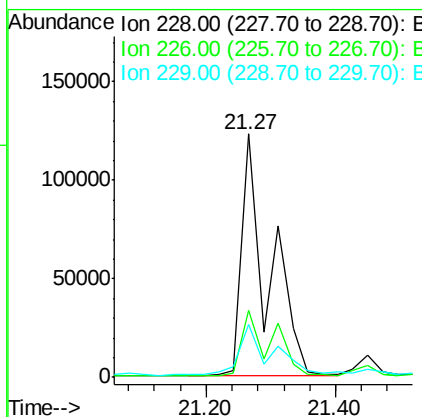
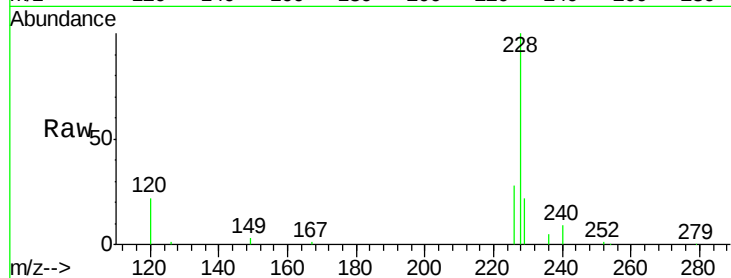




#32  
 Chrysene  
 Concen: 3.05 ng  
 RT: 21.27 min Scan# 1246  
 Delta R.T. -0.07 min  
 Lab File: BE091792.D  
 Acq: 18 May 2016 16:57

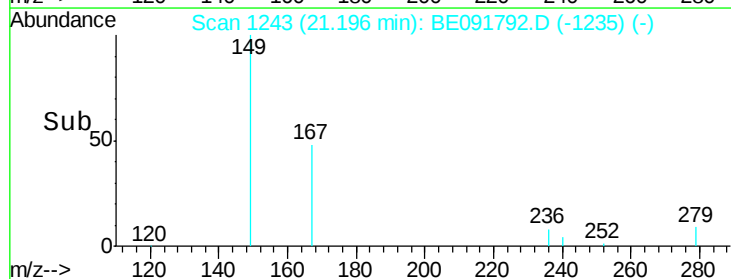
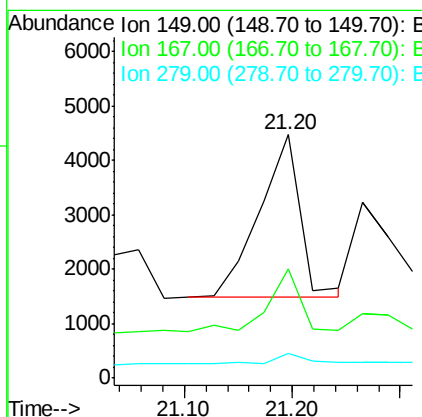
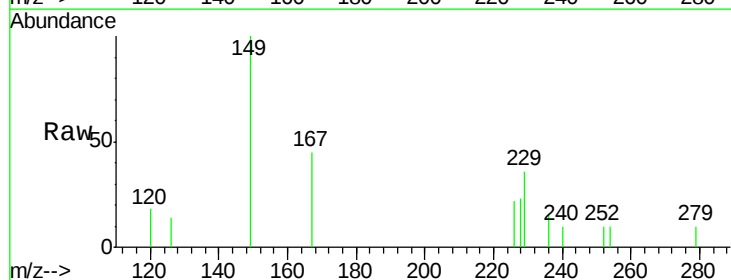
Instrument :  
 BNA\_E  
 ClientSampleId :  
 NC-TS-002

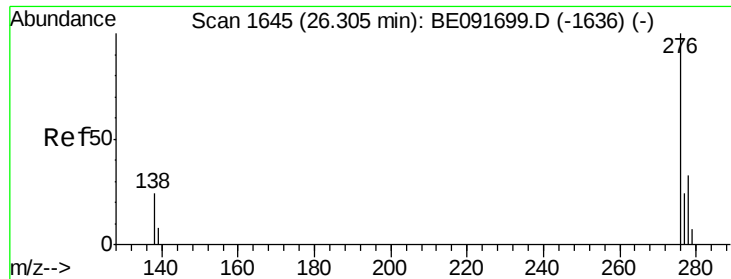
Tot Ion:228 Resp: 350143  
 Ion Ratio Lower Upper  
 228 100  
 226 27.7 24.0 36.0  
 229 21.6 15.9 23.9



#33  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.23 ng  
 RT: 21.20 min Scan# 1243  
 Delta R.T. -0.02 min  
 Lab File: BE091792.D  
 Acq: 18 May 2016 16:57

Tgt Ion:149 Resp: 7847  
 Ion Ratio Lower Upper  
 149 100  
 167 30.4 19.5 29.3#  
 279 9.5 10.0 15.0#

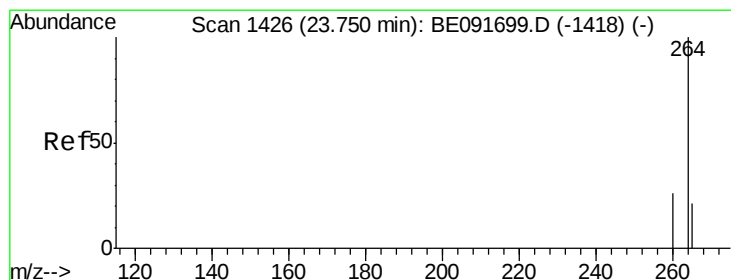
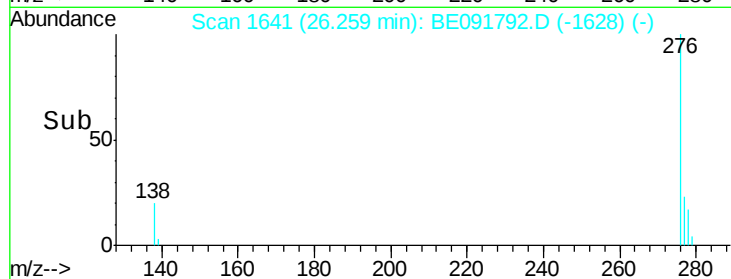
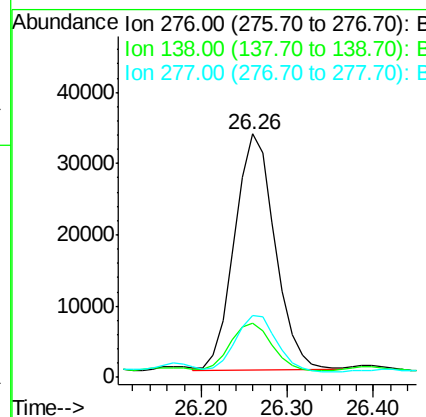
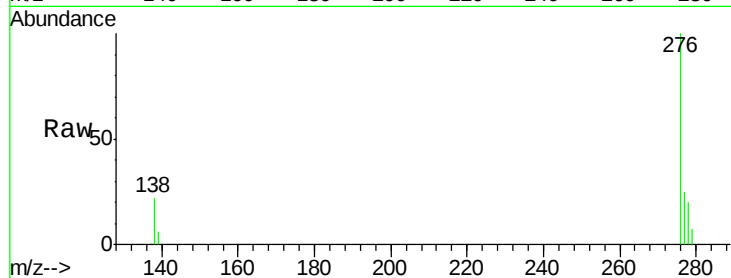




#34  
 Indeno(1,2,3-cd)pyrene  
 Concen: 1.06 ng  
 RT: 26.26 min Scan# 1641  
 Delta R.T. -0.05 min  
 Lab File: BE091792.D  
 Acq: 18 May 2016 16:57

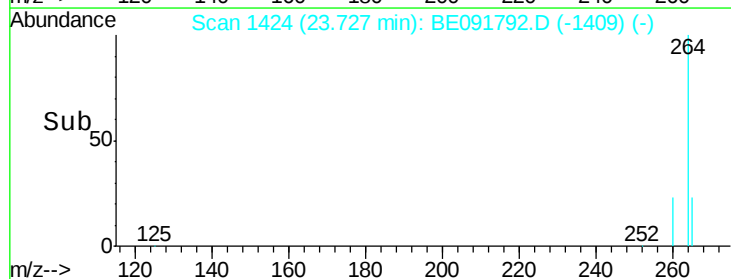
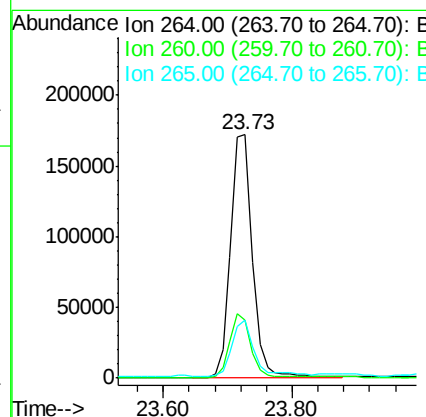
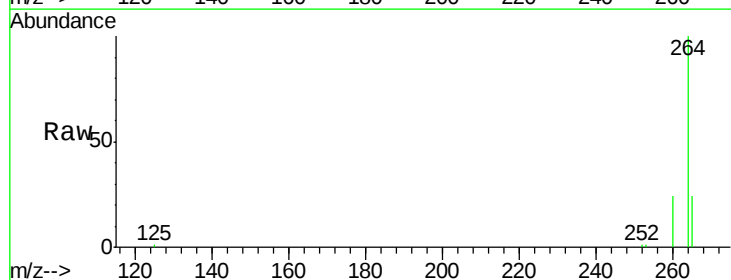
Instrument :  
 BNA\_E  
 ClientSampleId :  
 NC-TS-002

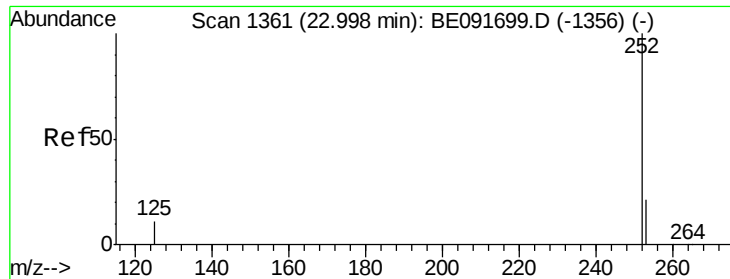
Tot Ion:276 Resp: 108607  
 Ion Ratio Lower Upper  
 276 100  
 138 20.6 23.4 35.2#  
 277 24.3 19.8 29.8



#35  
 Perylene-d12  
 Concen: 5.00 ng  
 RT: 23.73 min Scan# 1424  
 Delta R.T. -0.02 min  
 Lab File: BE091792.D  
 Acq: 18 May 2016 16:57

Tgt Ion:264 Resp: 399399  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 20.0 30.0  
 265 23.7 17.5 26.3

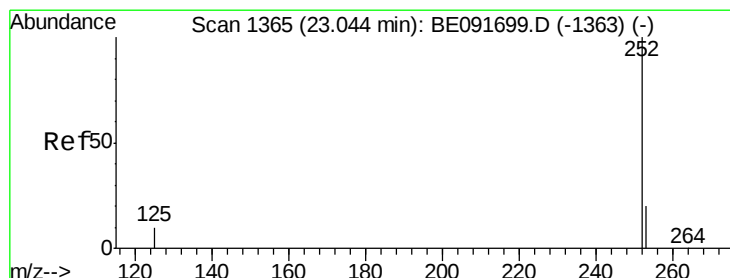
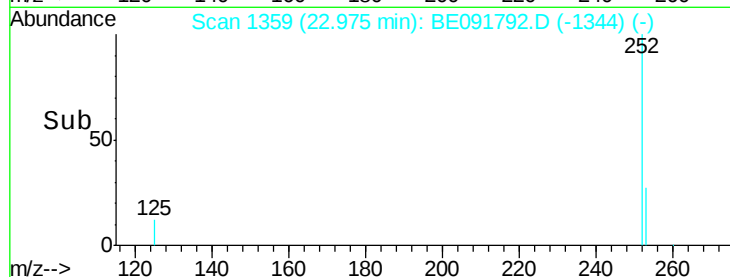
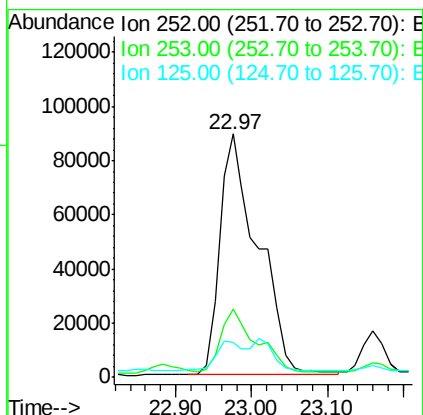
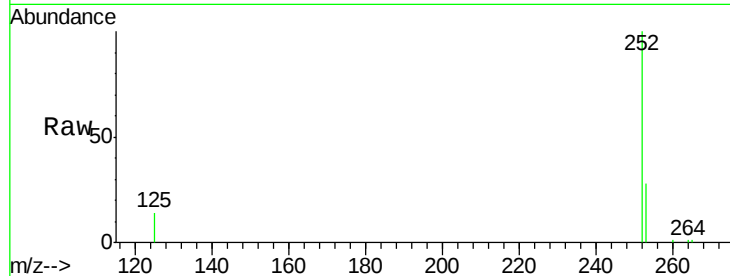




#36  
Benzo(b)fluoranthene  
Concen: 3.33 ng  
RT: 22.97 min Scan# 1359  
Delta R.T. -0.02 min  
Lab File: BE091792.D  
Acq: 18 May 2016 16:57

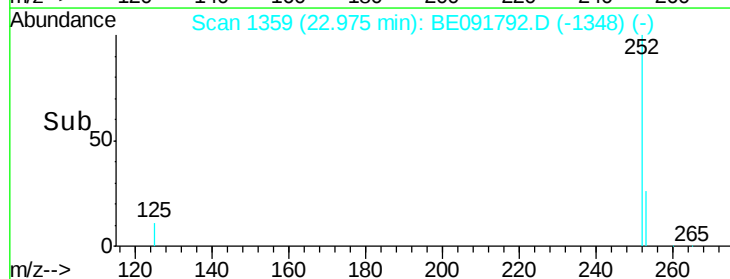
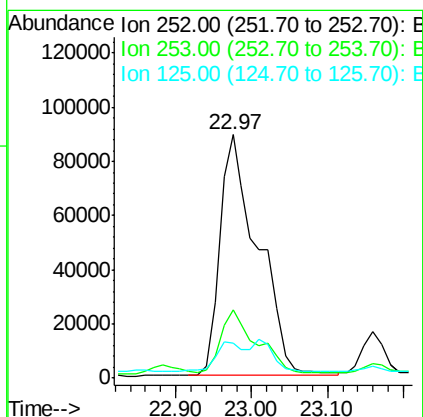
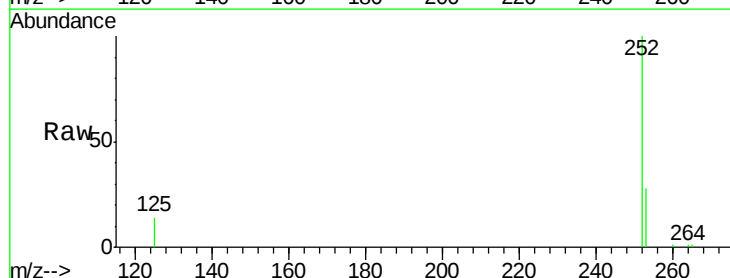
Instrument :  
BNA\_E  
ClientSampleId :  
NC-TS-002

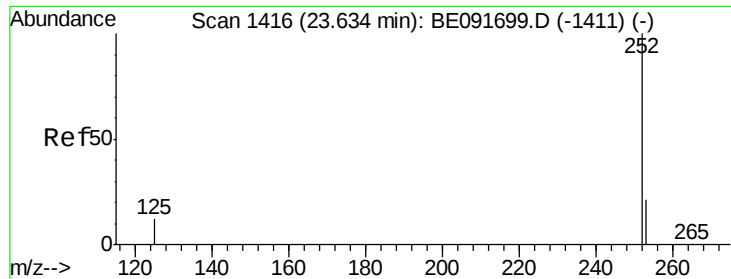
Tot Ion:252 Resp: 311693  
Ion Ratio Lower Upper  
252 100  
253 28.0 17.4 26.0#  
125 14.5 10.2 15.2



#37  
Benzo(k)fluoranthene  
Concen: 3.28 ng  
RT: 22.97 min Scan# 1359  
Delta R.T. -0.07 min  
Lab File: BE091792.D  
Acq: 18 May 2016 16:57

Tgt Ion:252 Resp: 311693  
Ion Ratio Lower Upper  
252 100  
253 28.0 17.6 26.4#  
125 14.5 9.9 14.9





#38

Benzo(a)pyrene

Concen: 1.80 ng

RT: 23.61 min Scan# 1414

Delta R.T. -0.02 min

Lab File: BE091792.D

Acq: 18 May 2016 16:57

Instrument :

BNA\_E

ClientSampleId :

NC-TS-002

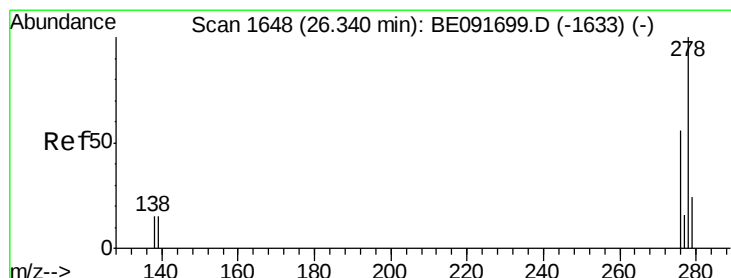
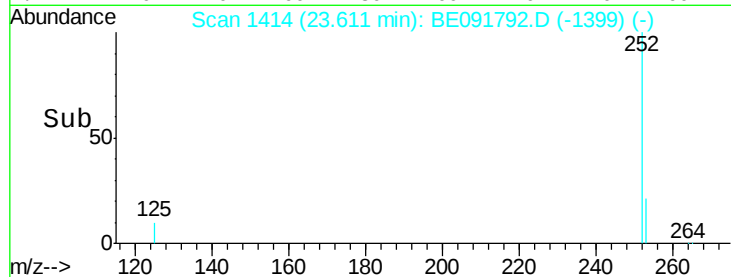
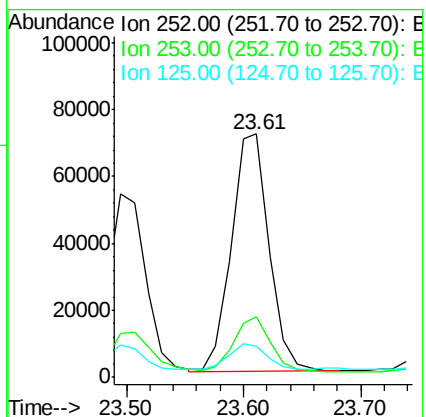
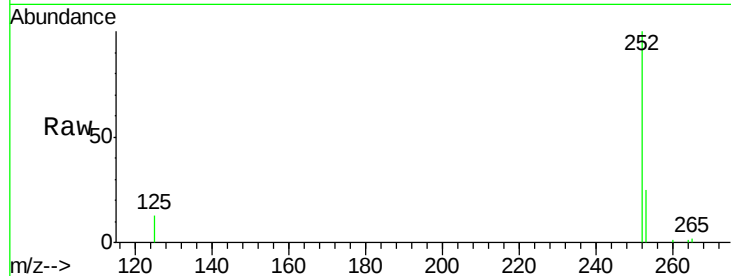
Tot Ion:252 Resp: 158708

Ion Ratio Lower Upper

252 100

253 25.1 18.1 27.1

125 12.8 11.0 16.4



#39

Dibenzo(a,h)anthracene

Concen: 0.33 ng

RT: 26.28 min Scan# 1643

Delta R.T. -0.06 min

Lab File: BE091792.D

Acq: 18 May 2016 16:57

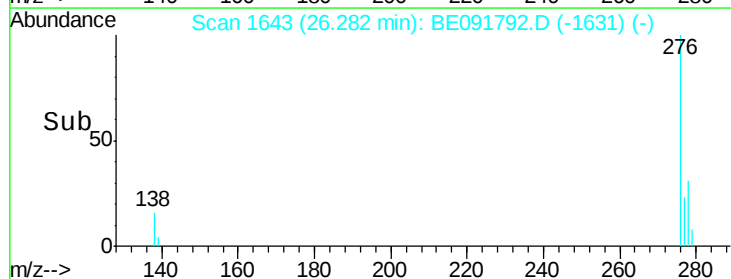
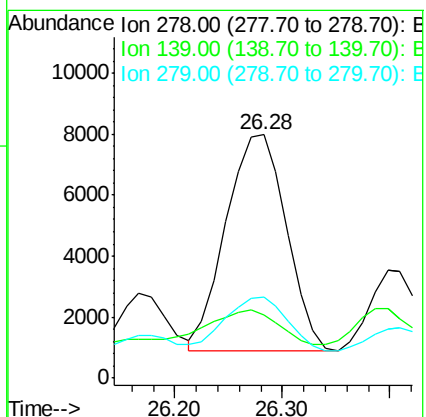
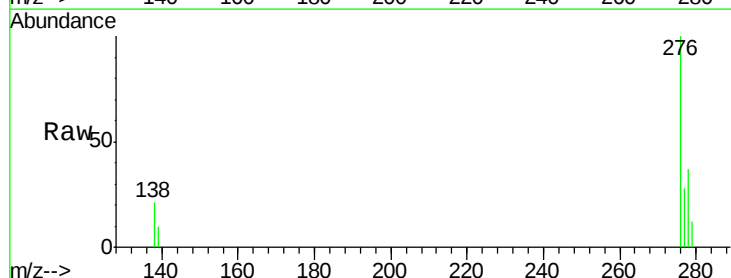
Tgt Ion:278 Resp: 27502

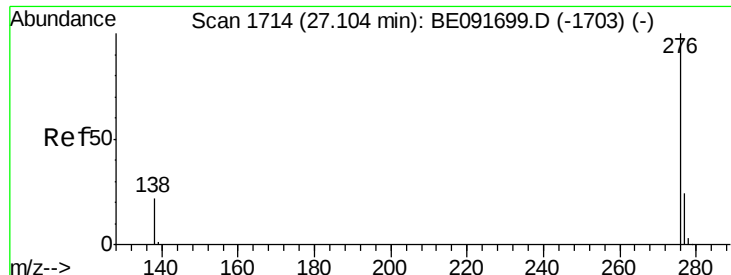
Ion Ratio Lower Upper

278 100

139 26.1 16.0 24.0#

279 33.5 19.4 29.2#





#40

Benzo(a,h,i)perylene

Concen: 1.34 ng

RT: 27.05 min Scan# 1709

Delta R.T. -0.06 min

Lab File: BE091792.D

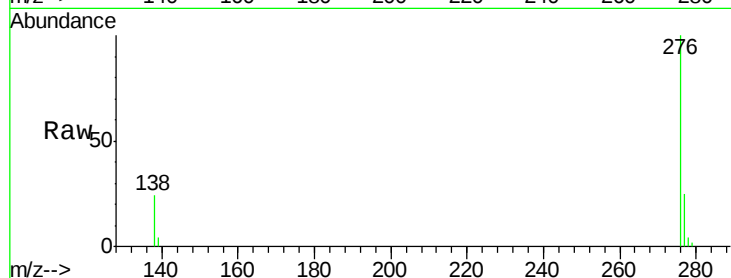
Acq: 18 May 2016 16:57

Instrument :

BNA\_E

ClientSampleId :

NC-TS-002



Tot Ion: 276 Resp: 113682

Ion Ratio Lower Upper

276 100

277 24.8 18.6 28.0

138 23.8 20.4 30.6

