

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040816\  
 Data File : BE091607.D  
 Acq On : 8 Apr 2016 11:39  
 Operator : UM/SJ  
 Sample : SSTDICC05  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC05

Quant Time: Apr 08 15:11:53 2016  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE040816.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 08 14:53:35 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.80  | 152  | 39274    | 5.00 | ng    | -0.02    |
| 7) Naphthalene-d8         | 10.57 | 136  | 190509   | 5.00 | ng    | -0.02    |
| 13) Acenaphthene-d10      | 14.42 | 164  | 115937   | 5.00 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.16 | 188  | 276889   | 5.00 | ng    | 0.00     |
| 26) Chrysene-d12          | 21.31 | 240  | 377076   | 5.00 | ng    | 0.00     |
| 35) Perylene-d12          | 23.77 | 264  | 337860   | 5.00 | ng    | 0.01     |

|                             |       |     |        |      |    |       |
|-----------------------------|-------|-----|--------|------|----|-------|
| System Monitoring Compounds |       |     |        |      |    |       |
| 4) 2-Fluorophenol           | 5.39  | 112 | 47747  | 5.82 | ng | -0.02 |
| 5) Phenol-d6                | 6.95  | 99  | 67689  | 6.73 | ng | -0.02 |
| 8) Nitrobenzene-d5          | 8.96  | 82  | 61191  | 5.96 | ng | 0.00  |
| 14) 2,4,6-Tribromophenol    | 15.91 | 330 | 22601  | 6.17 | ng | 0.00  |
| 15) 2-Fluorobiphenyl        | 13.05 | 172 | 157163 | 5.00 | ng | 0.00  |
| 29) Terphenyl-d14           | 19.76 | 244 | 224182 | 4.71 | ng | 0.00  |

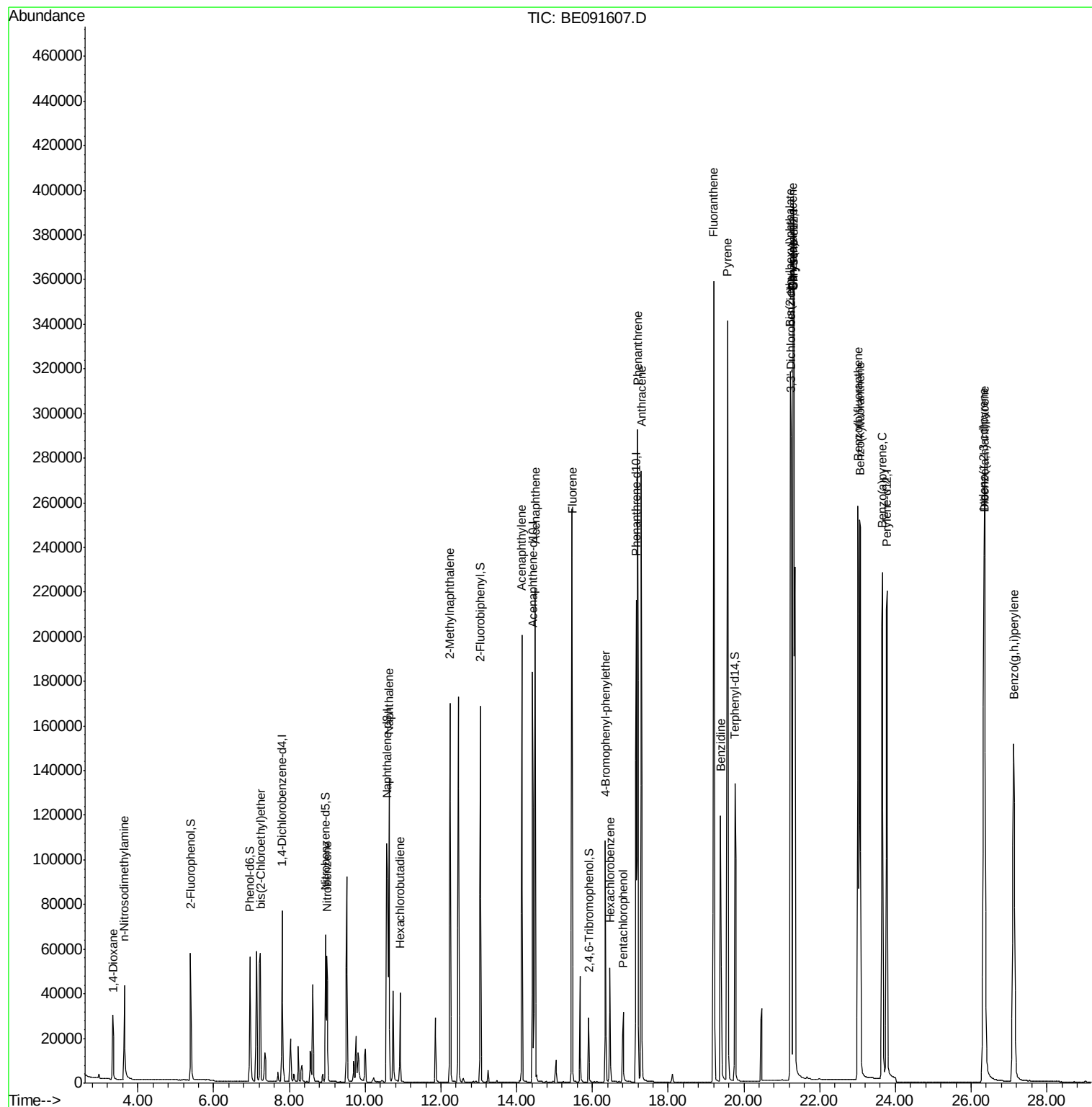
|                                |       |     |        |       |    |        |
|--------------------------------|-------|-----|--------|-------|----|--------|
| Target Compounds               |       |     |        |       |    | Qvalue |
| 2) 1,4-Dioxane                 | 3.35  | 88  | 20893  | 3.00  | ng | # 87   |
| 3) n-Nitrosodimethylamine      | 3.64  | 42  | 31916  | 4.62  | ng | # 99   |
| 6) bis(2-Chloroethyl)ether     | 7.23  | 93  | 56048  | 4.68  | ng | # 76   |
| 9) Nitrobenzene                | 8.99  | 77  | 66118  | 6.00  | ng | 94     |
| 10) Naphthalene                | 10.63 | 128 | 187298 | 4.57  | ng | 98     |
| 11) Hexachlorobutadiene        | 10.92 | 225 | 30297  | 4.44  | ng | 97     |
| 12) 2-Methylnaphthalene        | 12.24 | 142 | 126640 | 5.24  | ng | 96     |
| 16) Acenaphthylene             | 14.14 | 152 | 245359 | 1.27  | ng | # 86   |
| 17) Acenaphthene               | 14.49 | 154 | 142222 | 4.60  | ng | 92     |
| 18) Fluorene                   | 15.47 | 166 | 179825 | 4.70  | ng | 97     |
| 20) 4-Bromophenyl-phenylether  | 16.34 | 248 | 50972  | 4.87  | ng | 95     |
| 21) Hexachlorobenzene          | 16.46 | 284 | 50840  | 0.95  | ng | 99     |
| 22) Pentachlorophenol          | 16.81 | 266 | 26209  | 6.73  | ng | # 89   |
| 23) Phenanthrene               | 17.19 | 178 | 307272 | 4.39  | ng | 99     |
| 24) Anthracene                 | 17.29 | 178 | 298373 | 4.77  | ng | 98     |
| 25) Fluoranthene               | 19.21 | 202 | 356563 | 4.28  | ng | # 97   |
| 27) Benzidine                  | 19.38 | 184 | 175711 | 25.84 | ng | # 75   |
| 28) Pyrene                     | 19.57 | 202 | 381654 | 3.96  | ng | 100    |
| 30) Benzo(a)anthracene         | 21.29 | 228 | 763486 | 8.61  | ng | 92     |
| 31) 3,3'-Dichlorobenzidine     | 21.24 | 252 | 275901 | 18.20 | ng | # 84   |
| 32) Chrysene                   | 21.29 | 228 | 767495 | 6.76  | ng | 96     |
| 33) Bis(2-ethylhexyl)phthalate | 21.22 | 149 | 278860 | 7.89  | ng | # 83   |
| 34) Indeno(1,2,3-cd)pyrene     | 26.33 | 276 | 432622 | 4.73  | ng | 97     |
| 36) Benzo(b)fluoranthene       | 23.01 | 252 | 376579 | 5.06  | ng | 97     |
| 37) Benzo(k)fluoranthene       | 23.06 | 252 | 397325 | 3.88  | ng | 97     |
| 38) Benzo(a)pyrene             | 23.66 | 252 | 368706 | 5.34  | ng | # 97   |
| 39) Dibenzo(a,h)anthracene     | 26.36 | 278 | 362555 | 5.32  | ng | # 94   |
| 40) Benzo(g,h,i)perylene       | 27.13 | 276 | 365937 | 4.94  | ng | 95     |

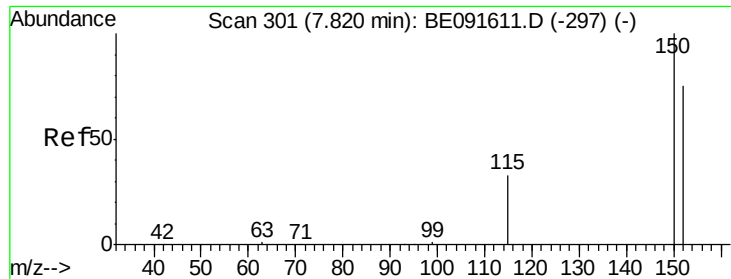
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. -0.02 min

Lab File: BE091607.D

Acq: 8 Apr 2016 11:39

Instrument :

BNA\_E

ClientSampleId :

SSTDICC05

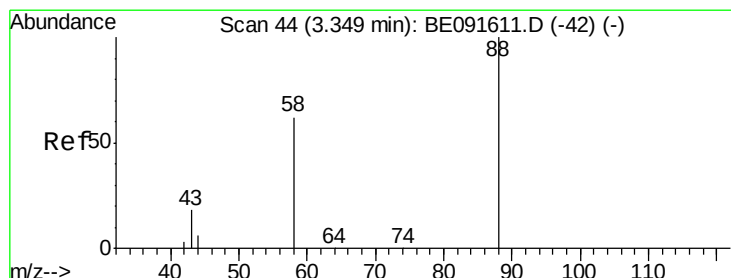
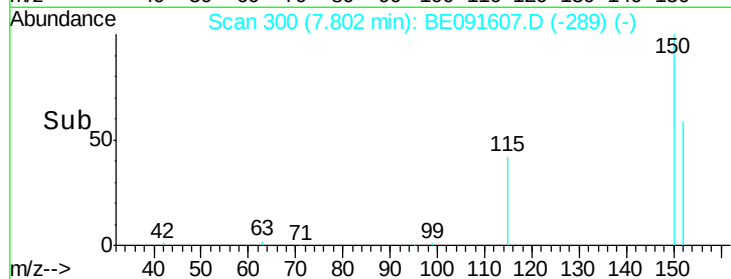
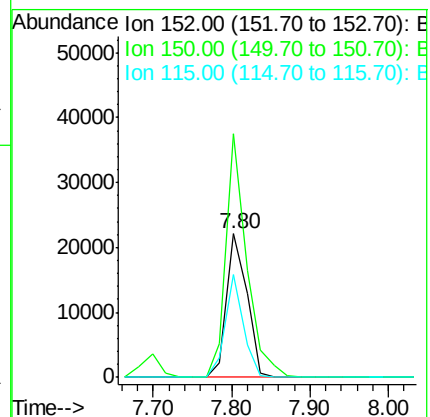
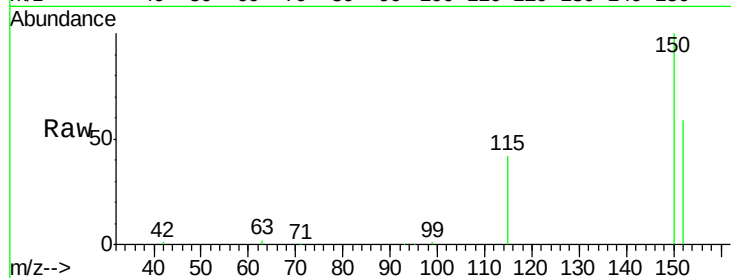
Tot Ion:152 Resp: 39274

Ion Ratio Lower Upper

152 100

150 170.0 122.6 183.8

115 71.6 52.8 79.2



#2

1,4-Dioxane

Concen: 3.00 ng

RT: 3.35 min Scan# 44

Delta R.T. 0.00 min

Lab File: BE091607.D

Acq: 8 Apr 2016 11:39

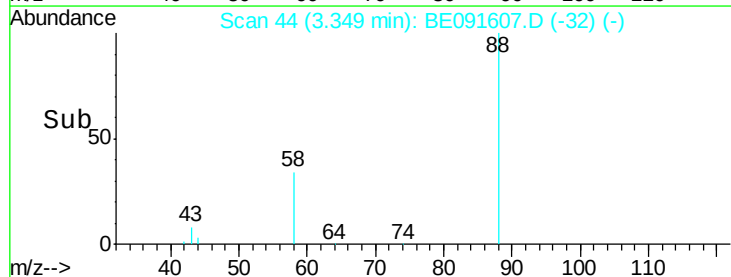
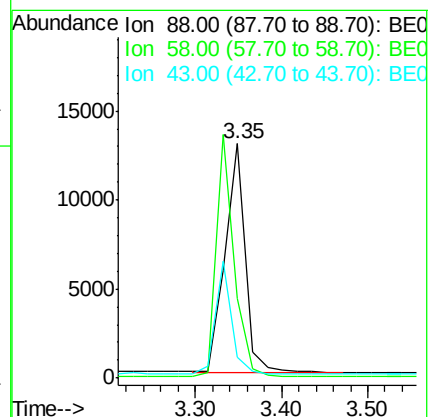
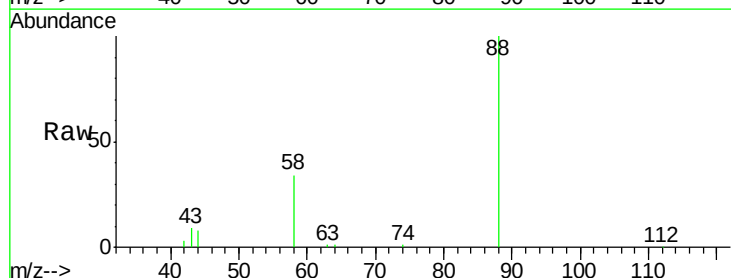
Tgt Ion: 88 Resp: 20893

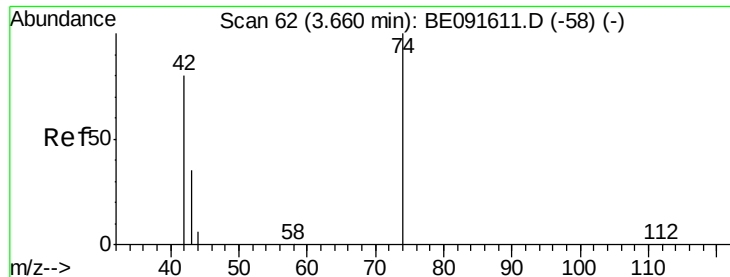
Ion Ratio Lower Upper

88 100

58 94.0 65.8 98.6

43 39.3 25.3 37.9#





#3

n-Nitrosodimethylamine

Concen: 4.62 ng

RT: 3.64 min Scan# 61

Delta R.T. -0.02 min

Lab File: BE091607.D

Acq: 8 Apr 2016 11:39

Instrument :

BNA\_E

ClientSampleId :

SSTDICC05

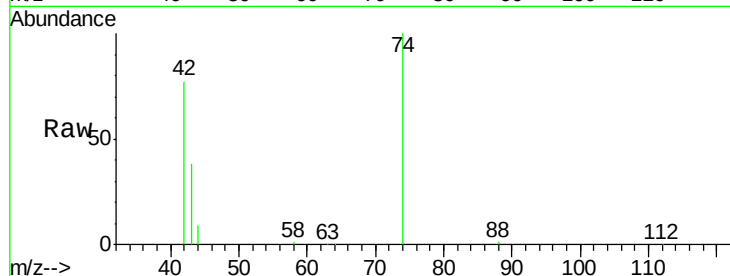
Tot Ion: 42 Resp: 31916

Ion Ratio Lower Upper

42 100

74 108.9 87.9 131.9

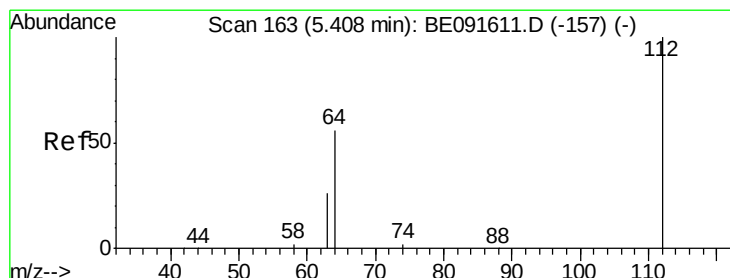
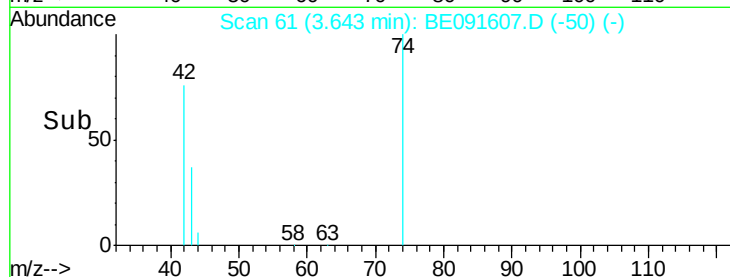
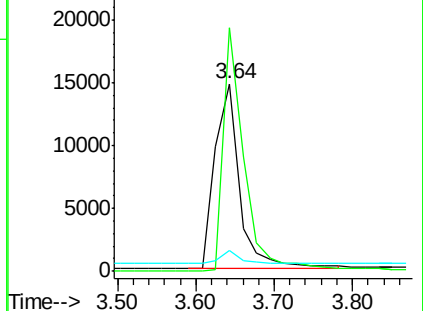
44 6.3 6.6 9.8#



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: 5.82 ng

RT: 5.39 min Scan# 162

Delta R.T. -0.02 min

Lab File: BE091607.D

Acq: 8 Apr 2016 11:39

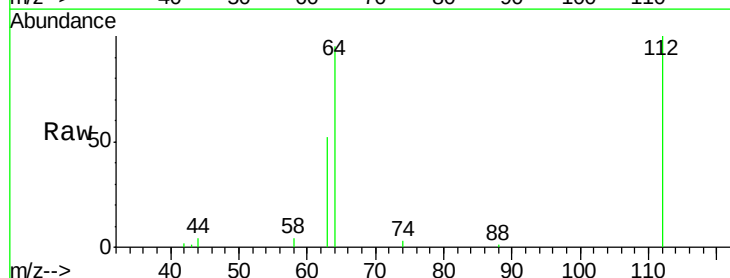
Tgt Ion: 112 Resp: 47747

Ion Ratio Lower Upper

112 100

64 69.1 30.9 46.3#

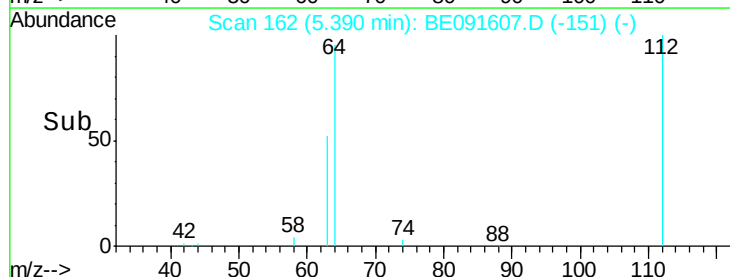
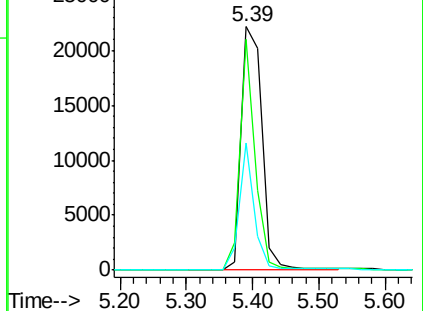
63 37.3 16.7 25.1#

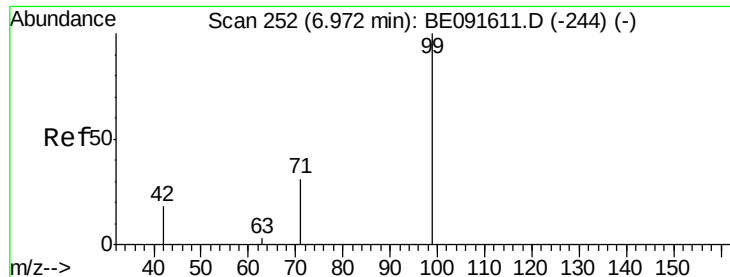


Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 6.73 ng

RT: 6.95 min Scan# 251

Delta R.T. -0.02 min

Lab File: BE091607.D

Acq: 8 Apr 2016 11:39

Instrument :

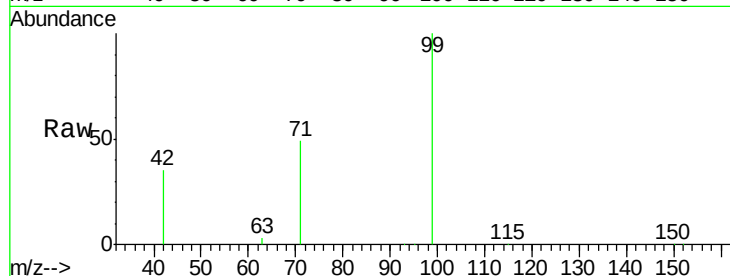
BNA\_E

ClientSampleId :

SSTDIC05

Tot Ion: 99 Resp: 67689

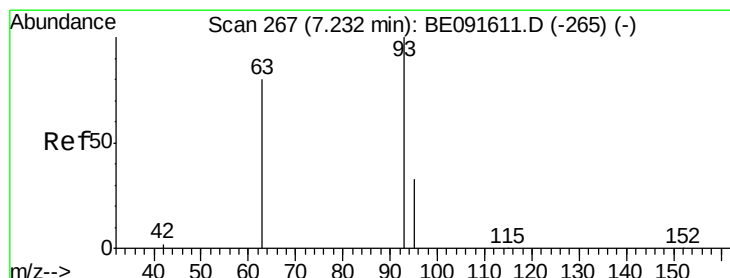
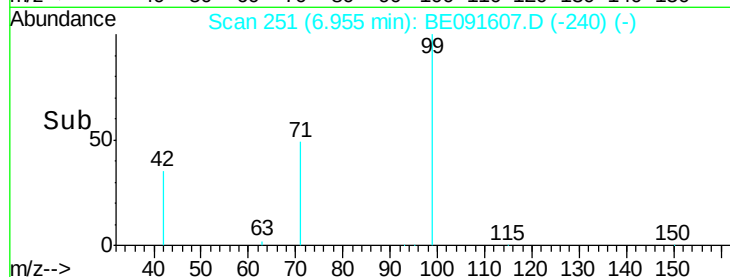
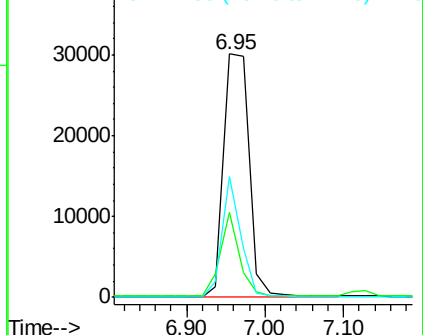
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 26.1  | 16.2  | 24.2# |
| 71  | 36.1  | 29.0  | 43.4  |



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



#6

bis(2-Chloroethyl)ether

Concen: 4.68 ng

RT: 7.23 min Scan# 267

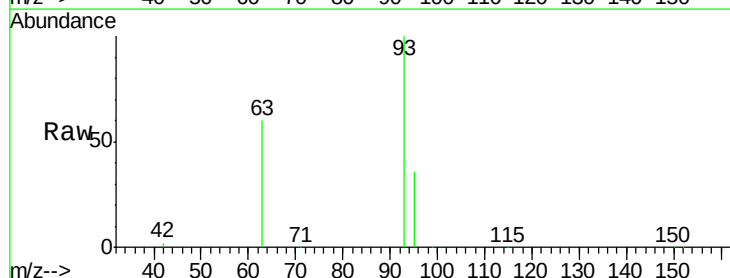
Delta R.T. -0.00 min

Lab File: BE091607.D

Acq: 8 Apr 2016 11:39

Tgt Ion: 93 Resp: 56048

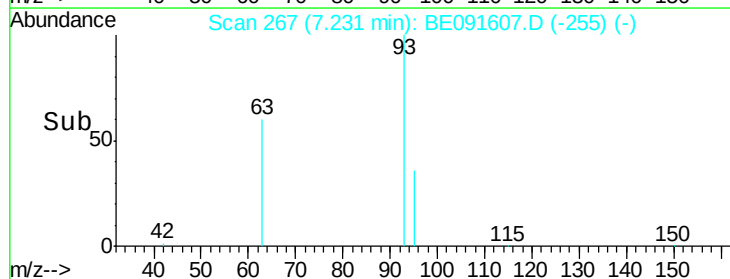
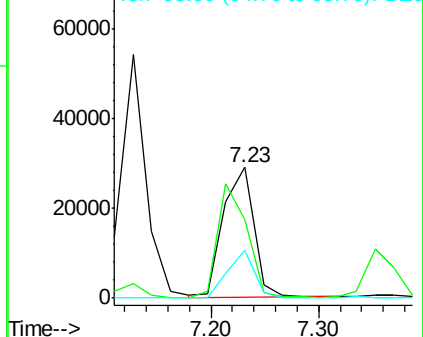
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 85.1  | 49.5  | 74.3# |
| 95  | 32.3  | 22.2  | 33.4  |

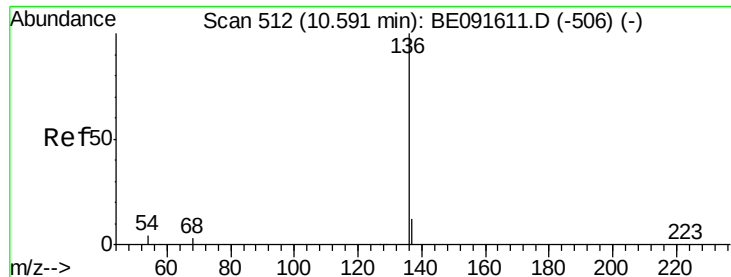


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.57 min Scan# 511

Delta R.T. -0.02 min

Lab File: BE091607.D

Acq: 8 Apr 2016 11:39

Instrument :

BNA\_E

ClientSampleId :

SSTDIC05

Tot Ion:136 Resp: 190509

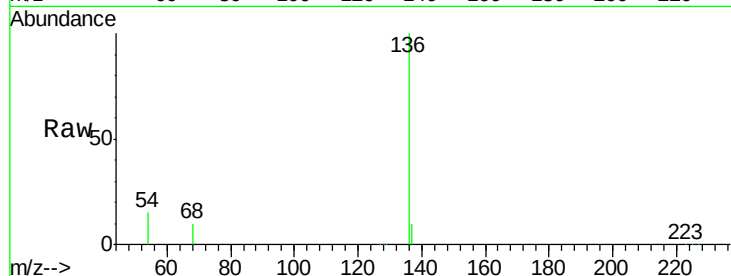
Ion Ratio Lower Upper

136 100

137 9.7 8.9 13.3

54 14.8 8.2 12.4#

68 9.8 6.2 9.4#

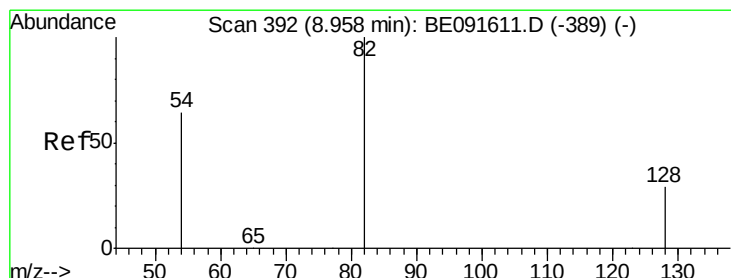
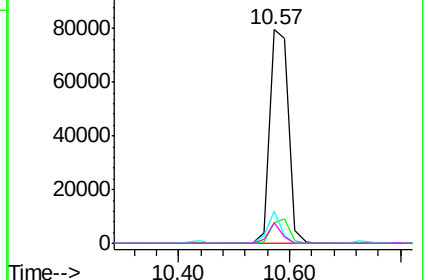
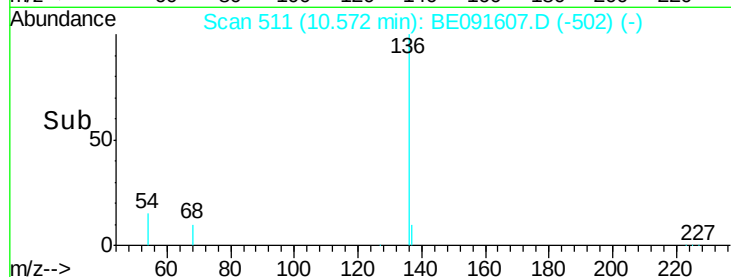


Abundance Ion 136.00 (135.70 to 136.70): E

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: 5.96 ng

RT: 8.96 min Scan# 392

Delta R.T. -0.00 min

Lab File: BE091607.D

Acq: 8 Apr 2016 11:39

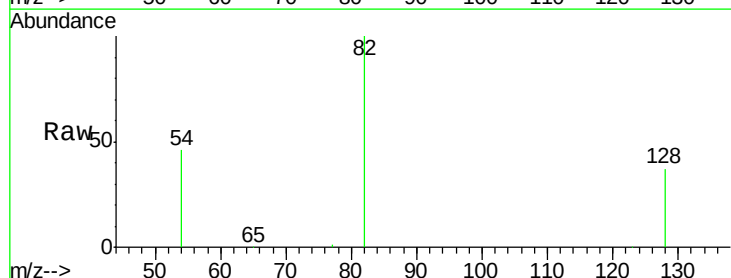
Tgt Ion: 82 Resp: 61191

Ion Ratio Lower Upper

82 100

128 36.9 25.4 38.0

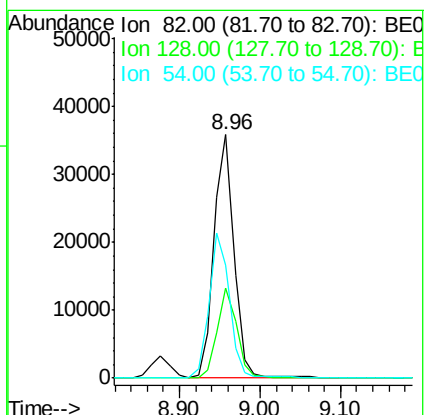
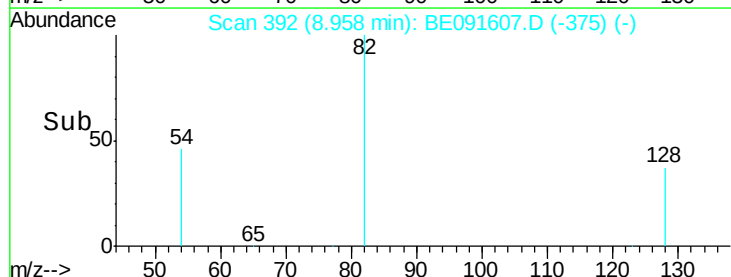
54 46.3 48.4 72.6#

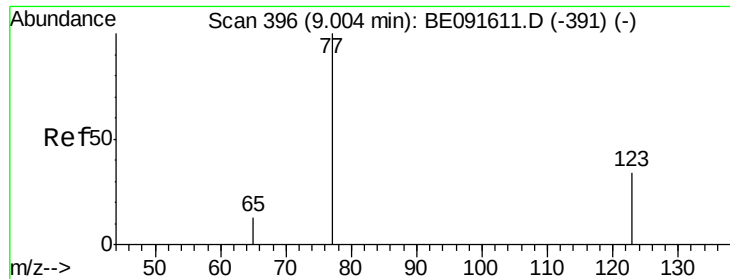


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Nitrobenzene

Concen: 6.00 ng

RT: 8.99 min Scan# 395

Delta R.T. -0.01 min

Lab File: BE091607.D

Acq: 8 Apr 2016 11:39

Instrument :

BNA\_E

ClientSampleId :

SSTDIC05

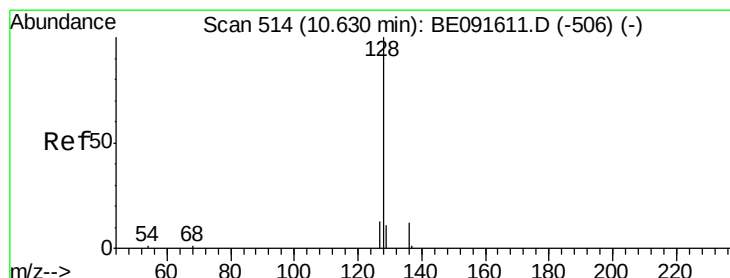
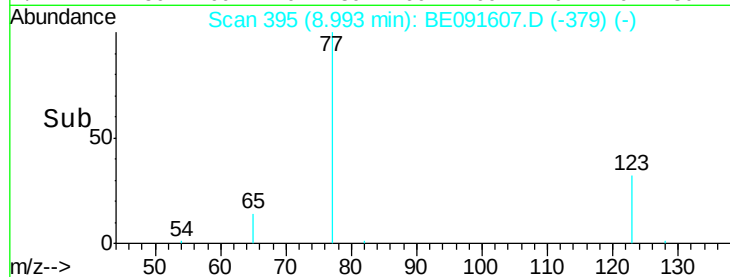
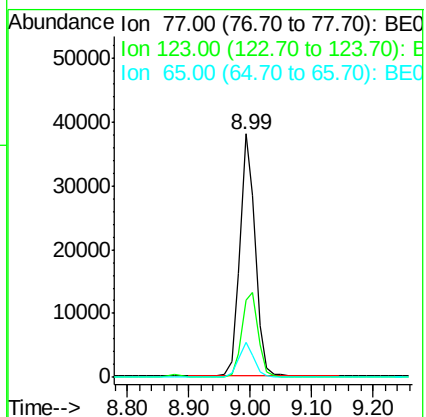
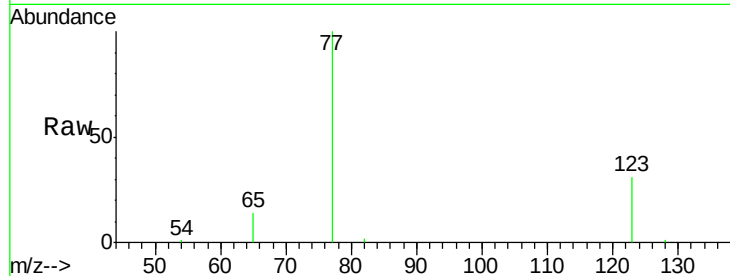
Tot Ion: 77 Resp: 66118

Ion Ratio Lower Upper

77 100

123 37.3 26.9 40.3

65 14.0 9.4 14.2



#10

Naphthalene

Concen: 4.57 ng

RT: 10.63 min Scan# 514

Delta R.T. -0.00 min

Lab File: BE091607.D

Acq: 8 Apr 2016 11:39

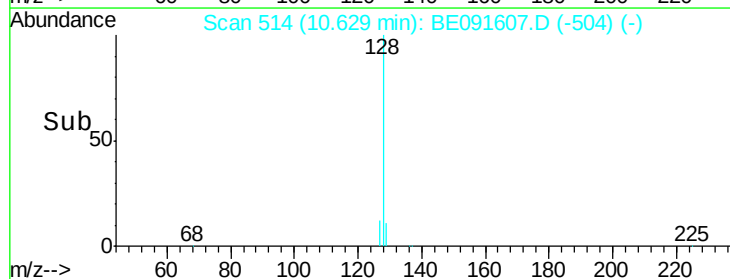
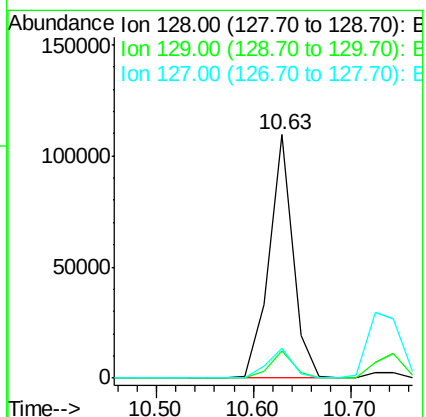
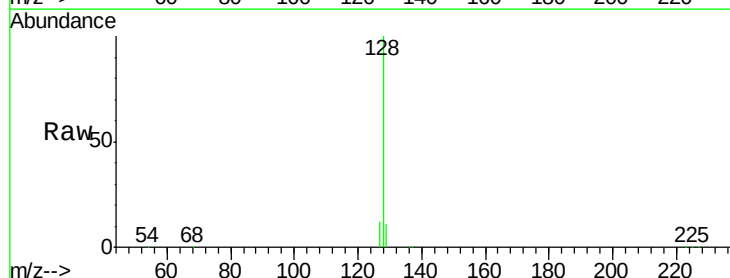
Tgt Ion: 128 Resp: 187298

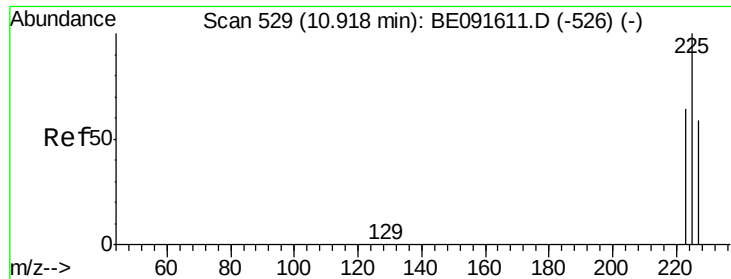
Ion Ratio Lower Upper

128 100

129 11.3 9.3 13.9

127 12.3 10.7 16.1

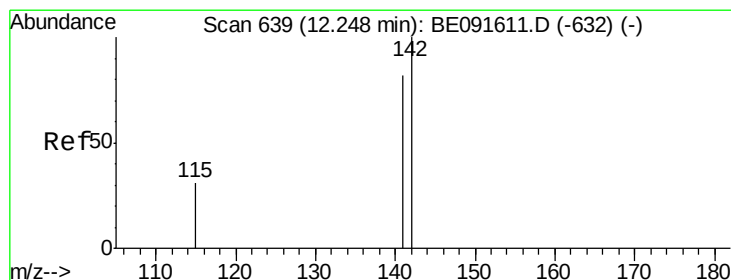
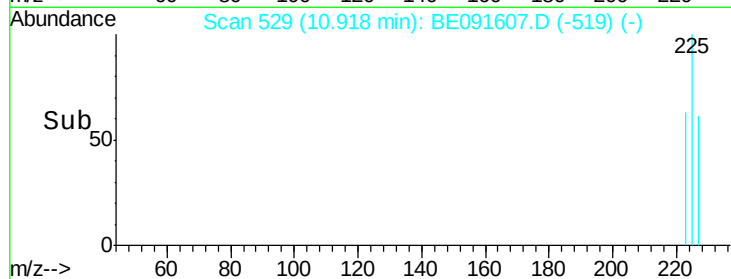
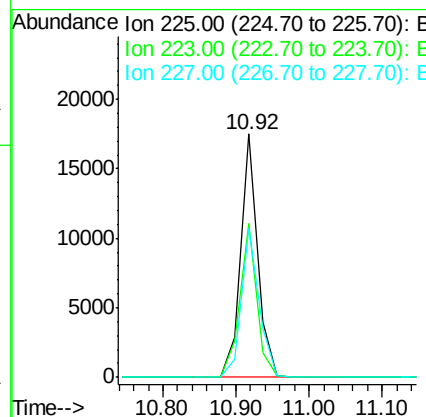
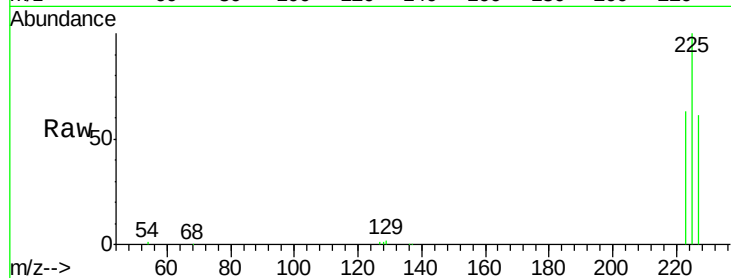




#11  
Hexachlorobutadiene  
Concen: 4.44 ng  
RT: 10.92 min Scan# 529  
Delta R.T. -0.00 min  
Lab File: BE091607.D  
Acq: 8 Apr 2016 11:39

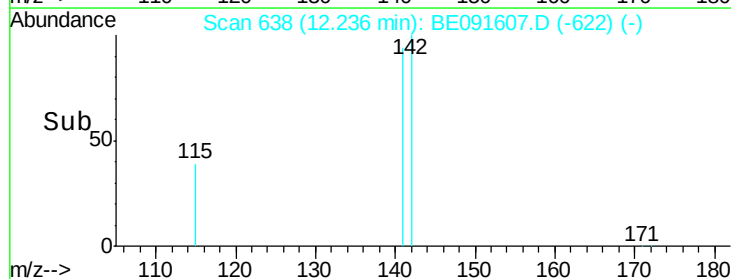
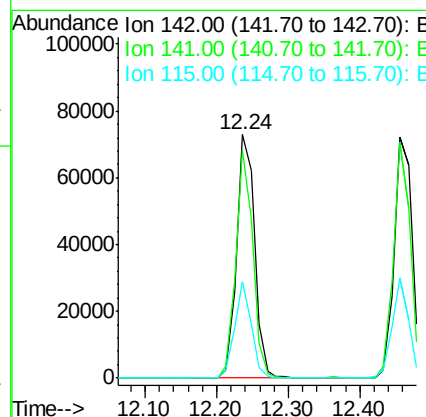
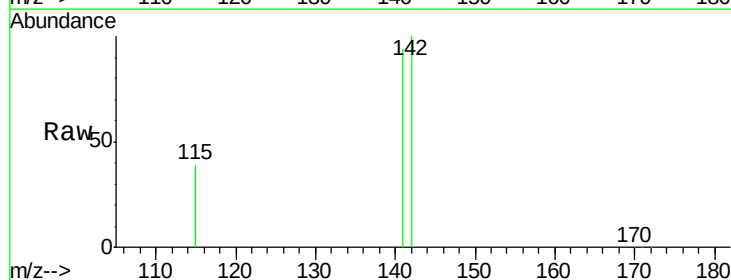
Instrument :  
BNA\_E  
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SSTDIC05

Tot Ion:225 Resp: 30297  
Ion Ratio Lower Upper  
225 100  
223 63.9 49.0 73.6  
227 64.3 50.3 75.5

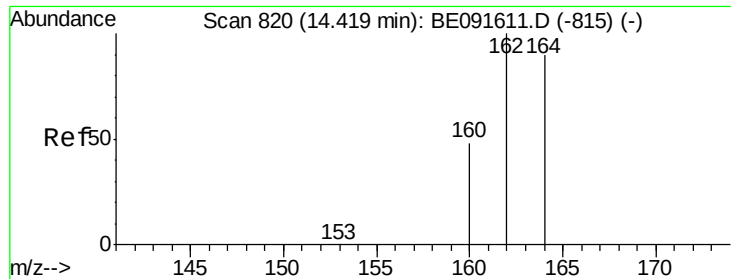


#12  
2-Methylnaphthalene  
Concen: 5.24 ng  
RT: 12.24 min Scan# 638  
Delta R.T. -0.01 min  
Lab File: BE091607.D  
Acq: 8 Apr 2016 11:39

Tgt Ion:142 Resp: 126640  
Ion Ratio Lower Upper  
142 100  
141 93.5 71.4 107.0  
115 39.4 30.3 45.5







#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.42 min Scan# 820

Delta R.T. 0.00 min

Lab File: BE091607.D

Acq: 8 Apr 2016 11:39

Instrument :

BNA\_E

ClientSampleId :

SSTDIC05

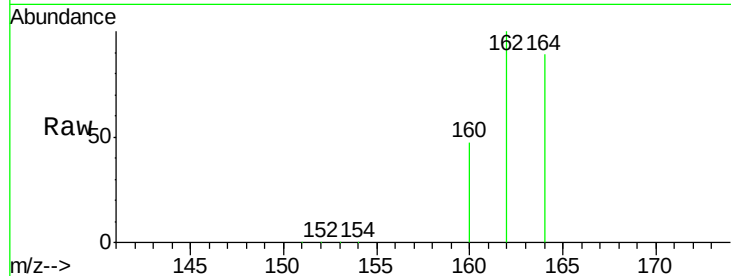
Tot Ion:164 Resp: 115937

Ion Ratio Lower Upper

164 100

162 112.3 85.3 127.9

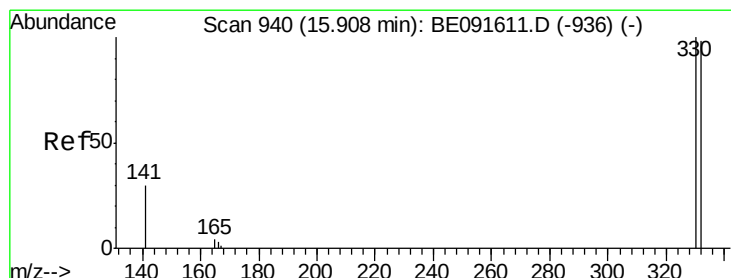
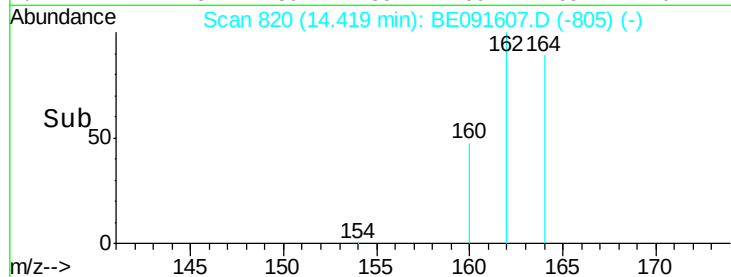
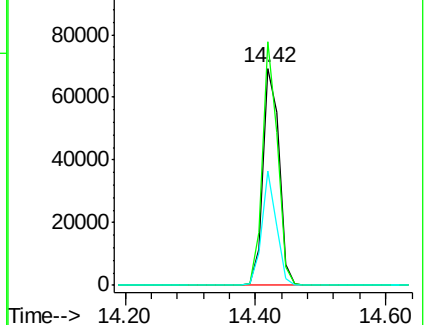
160 52.7 46.2 69.2



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: 6.17 ng

RT: 15.91 min Scan# 940

Delta R.T. -0.00 min

Lab File: BE091607.D

Acq: 8 Apr 2016 11:39

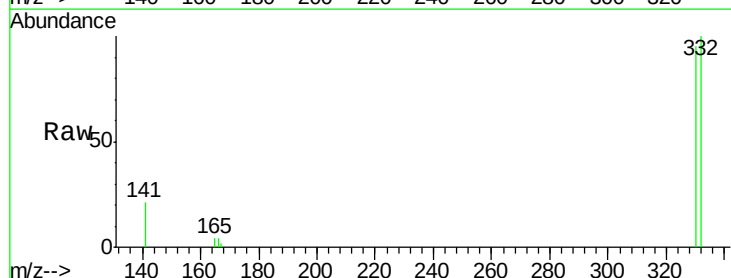
Tgt Ion:330 Resp: 22601

Ion Ratio Lower Upper

330 100

332 97.9 79.1 118.7

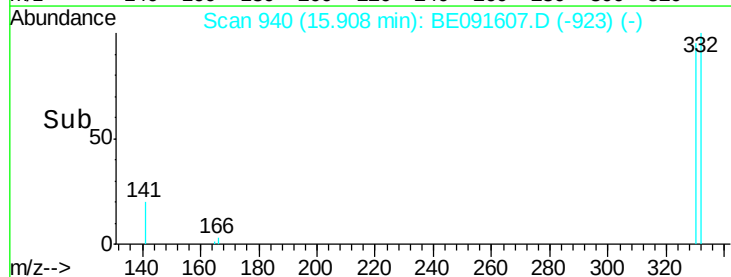
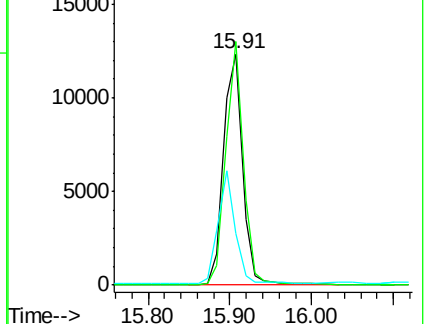
141 38.2 125.4 188.0#

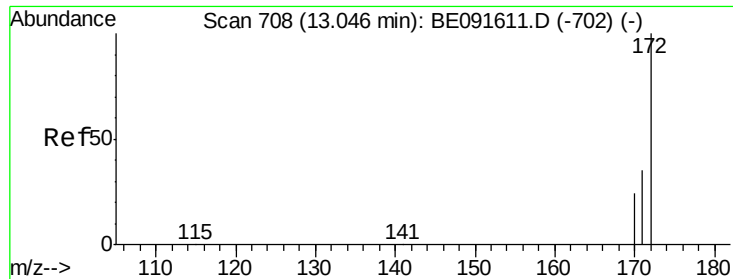


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

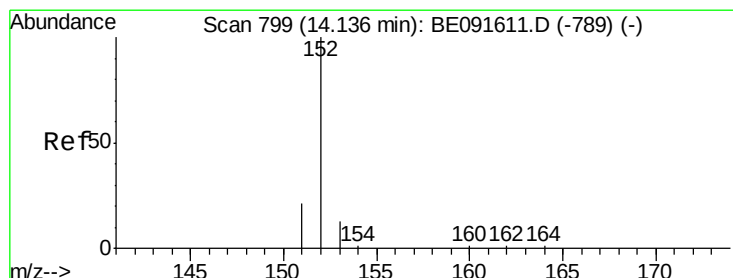
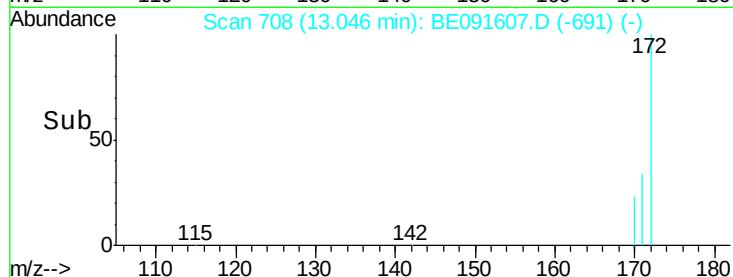
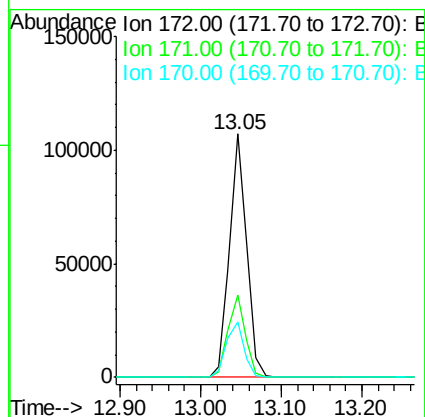
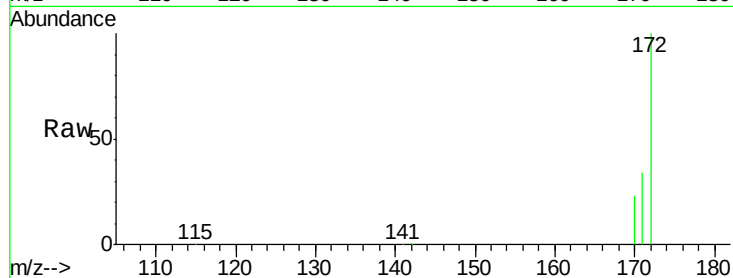




#15  
2-Fluorobiphenyl  
Concen: 5.00 ng  
RT: 13.05 min Scan# 708  
Delta R.T. -0.00 min  
Lab File: BE091607.D  
Acq: 8 Apr 2016 11:39

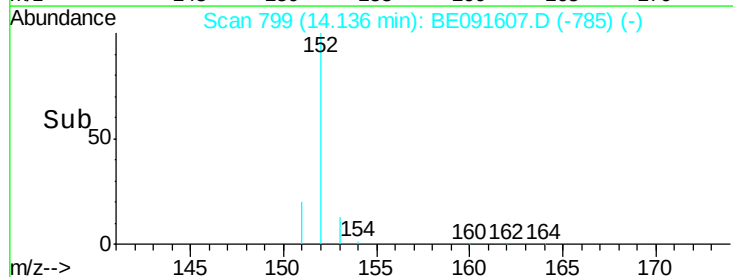
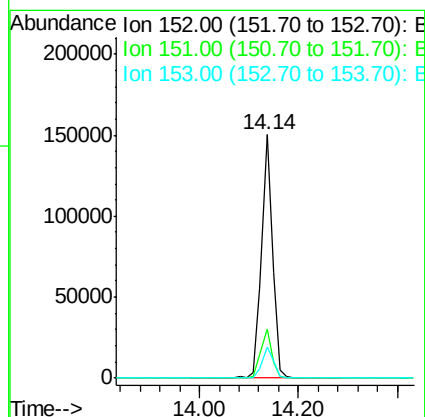
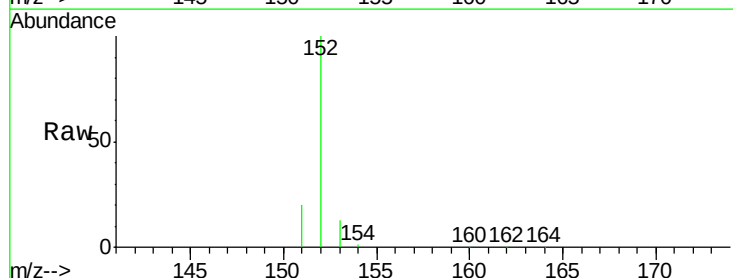
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC05

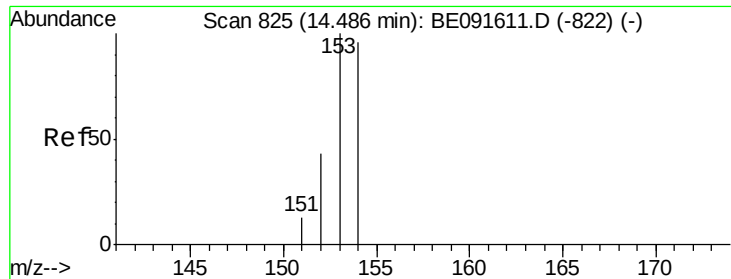
Tot Ion:172 Resp: 157163  
Ion Ratio Lower Upper  
172 100  
171 34.1 28.8 43.2  
170 22.7 19.3 28.9



#16  
Acenaphthylene  
Concen: 1.27 ng  
RT: 14.14 min Scan# 799  
Delta R.T. 0.00 min  
Lab File: BE091607.D  
Acq: 8 Apr 2016 11:39

Tgt Ion:152 Resp: 245359  
Ion Ratio Lower Upper  
152 100  
151 20.1 3.9 5.9#  
153 13.4 10.3 15.5

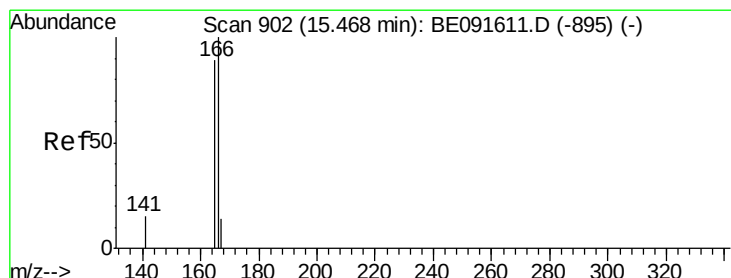
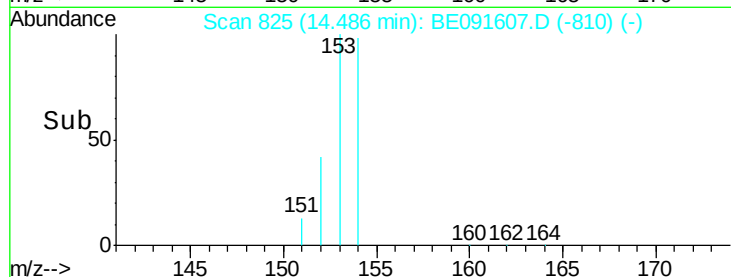
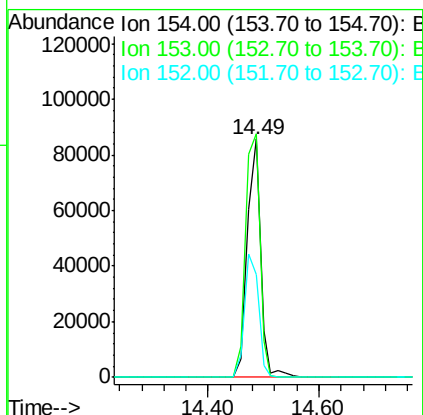
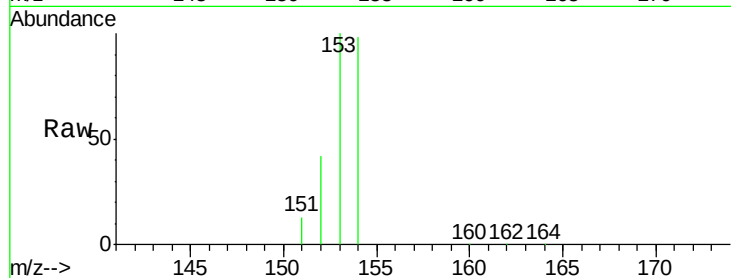




#17  
Acenaphthene  
Concen: 4.60 ng  
RT: 14.49 min Scan# 825  
Delta R.T. 0.00 min  
Lab File: BE091607.D  
Acq: 8 Apr 2016 11:39

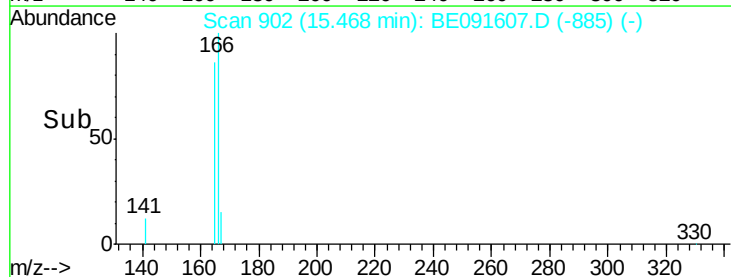
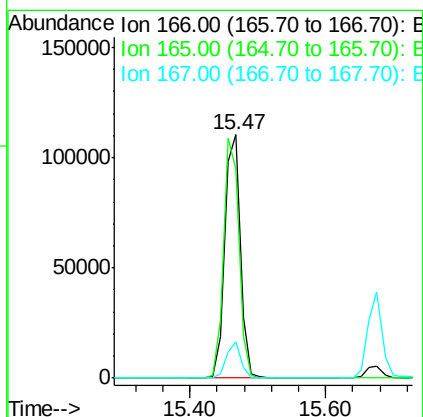
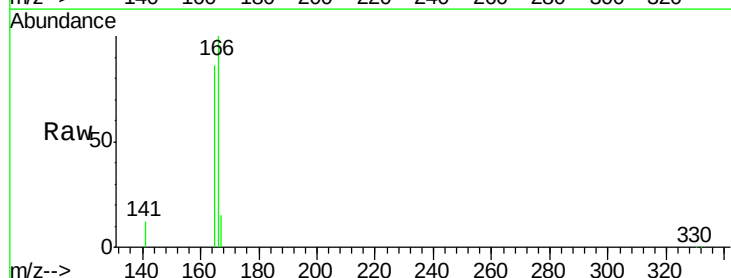
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC05

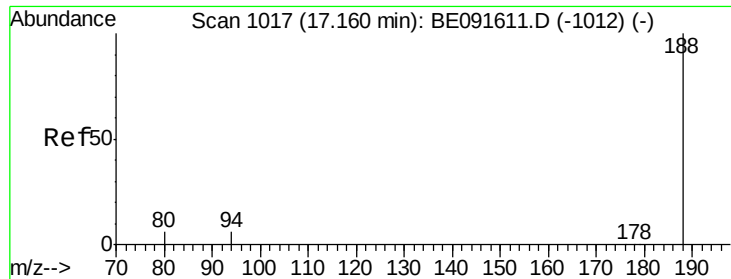
Tot Ion:154 Resp: 142222  
Ion Ratio Lower Upper  
154 100  
153 109.8 80.0 120.0  
152 53.7 40.0 60.0



#18  
Fluorene  
Concen: 4.70 ng  
RT: 15.47 min Scan# 902  
Delta R.T. -0.00 min  
Lab File: BE091607.D  
Acq: 8 Apr 2016 11:39

Tgt Ion:166 Resp: 179825  
Ion Ratio Lower Upper  
166 100  
165 97.7 80.8 121.2  
167 13.6 10.9 16.3

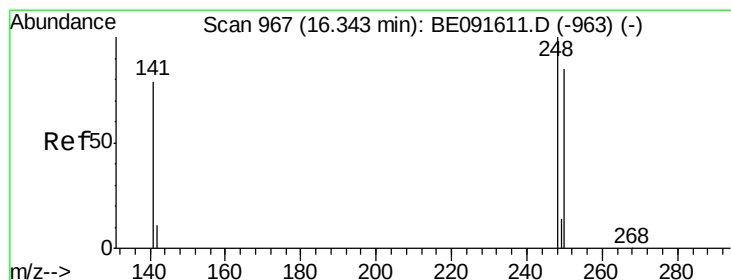
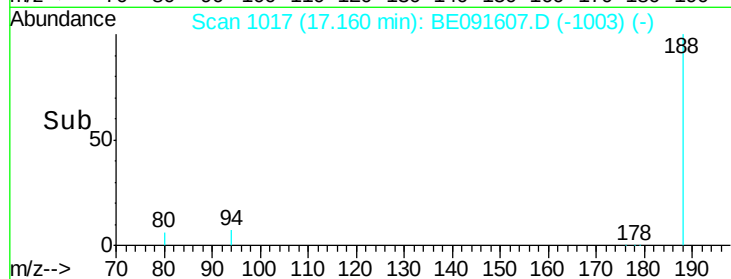
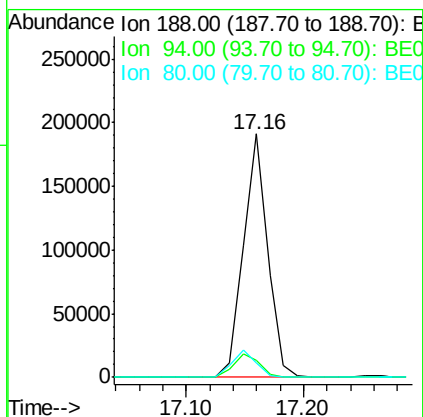
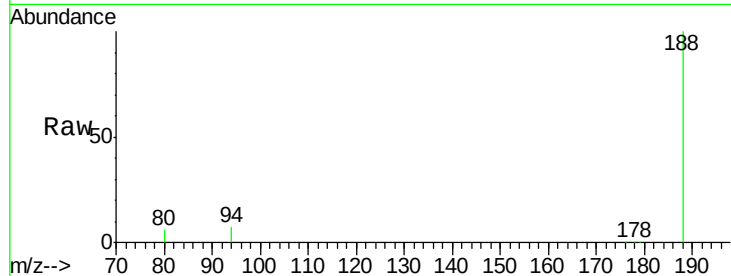




#19  
Phenanthrene-d10  
Concen: 5.00 ng  
RT: 17.16 min Scan# 1017  
Delta R.T. 0.00 min  
Lab File: BE091607.D  
Acq: 8 Apr 2016 11:39

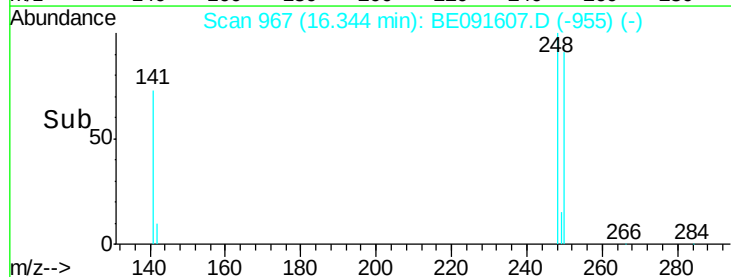
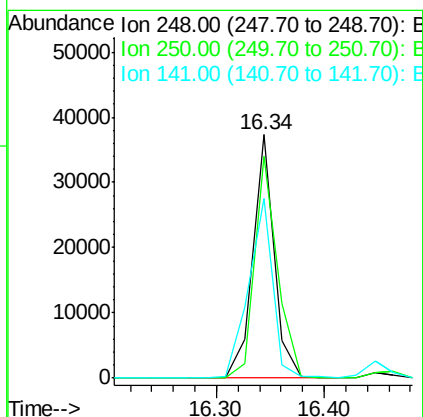
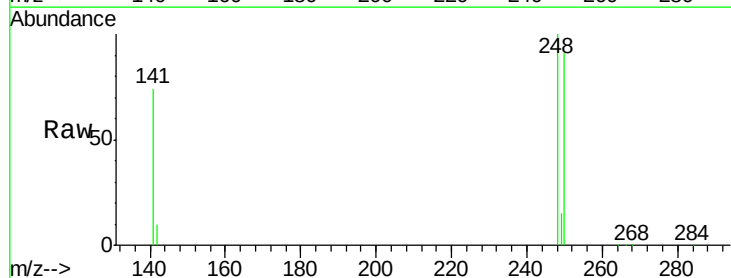
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC05

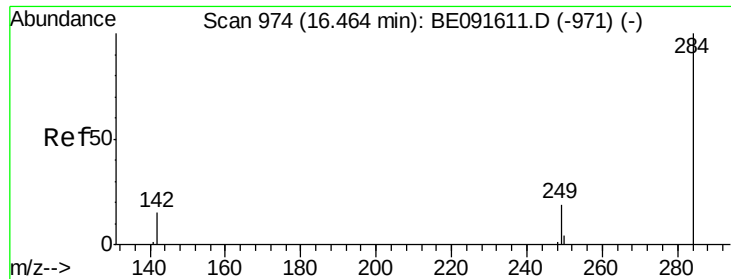
Tot Ion:188 Resp: 276889  
Ion Ratio Lower Upper  
188 100  
94 6.8 8.7 13.1#  
80 6.1 9.4 14.0#



#20  
4-Bromophenyl-phenylether  
Concen: 4.87 ng  
RT: 16.34 min Scan# 967  
Delta R.T. 0.00 min  
Lab File: BE091607.D  
Acq: 8 Apr 2016 11:39

Tgt Ion:248 Resp: 50972  
Ion Ratio Lower Upper  
248 100  
250 97.7 80.5 120.7  
141 82.3 72.0 108.0

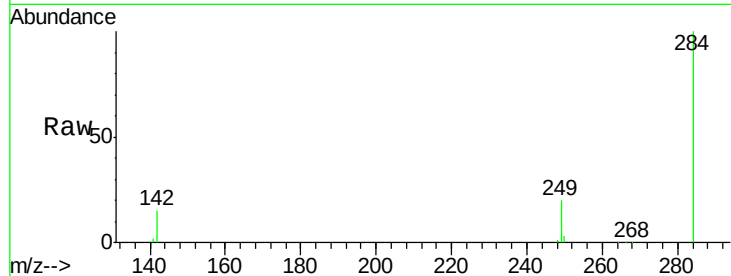




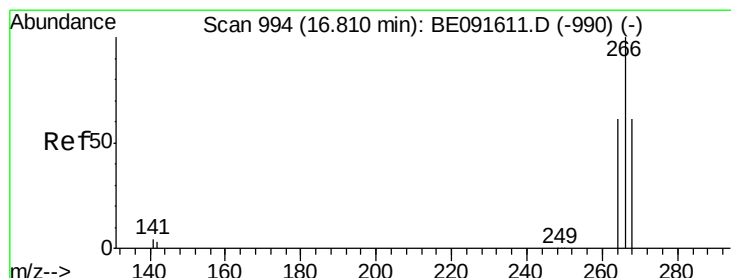
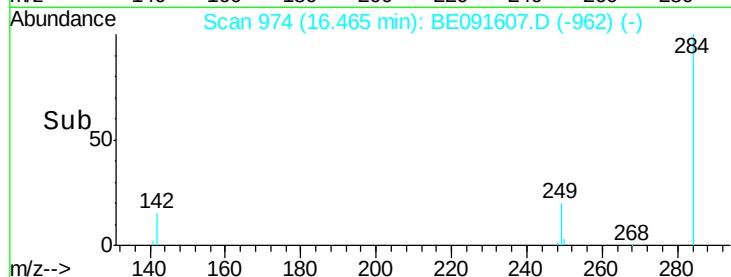
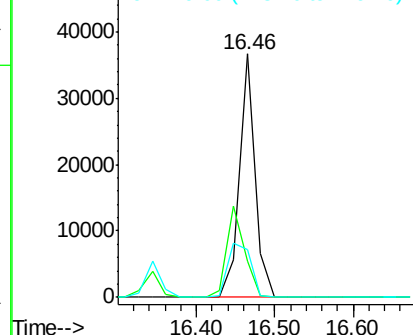
#21  
Hexachlorobenzene  
Concen: 0.95 ng  
RT: 16.46 min Scan# 974  
Delta R.T. 0.00 min  
Lab File: BE091607.D  
Acq: 8 Apr 2016 11:39

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC05

Tot Ion:284 Resp: 50840  
Ion Ratio Lower Upper  
284 100  
142 41.1 32.2 48.2  
249 32.1 25.4 38.2

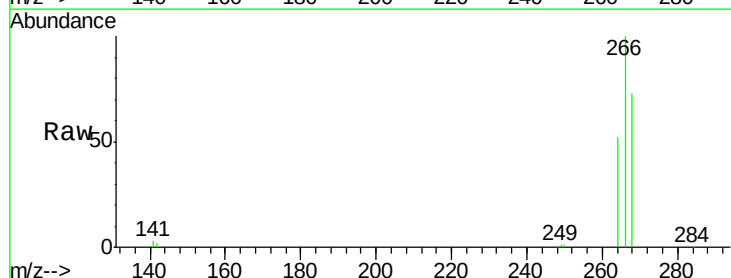


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

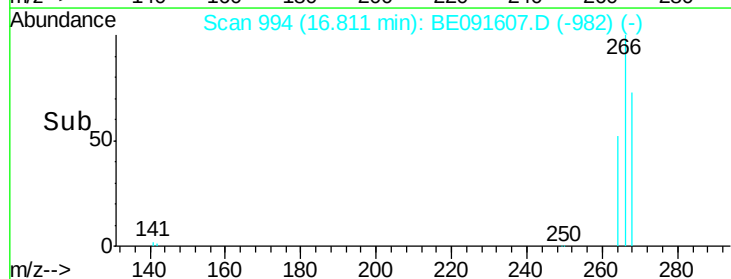
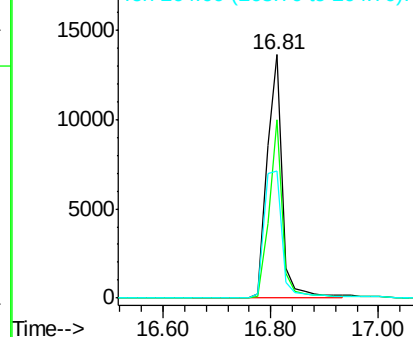


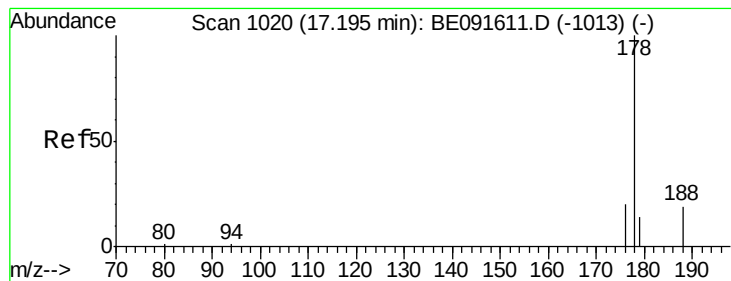
#22  
Pentachlorophenol  
Concen: 6.73 ng  
RT: 16.81 min Scan# 994  
Delta R.T. 0.00 min  
Lab File: BE091607.D  
Acq: 8 Apr 2016 11:39

Tgt Ion:266 Resp: 26209  
Ion Ratio Lower Upper  
266 100  
268 73.2 58.2 87.2  
264 52.2 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: 4.39 ng

RT: 17.19 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BE091607.D

Acq: 8 Apr 2016 11:39

Instrument :

BNA\_E

ClientSampled :

SSTDIC05

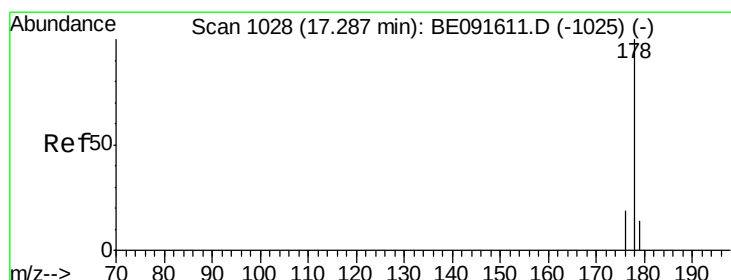
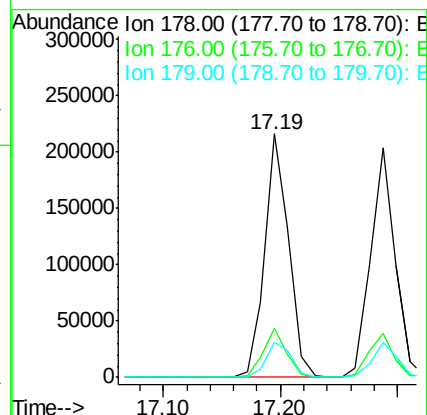
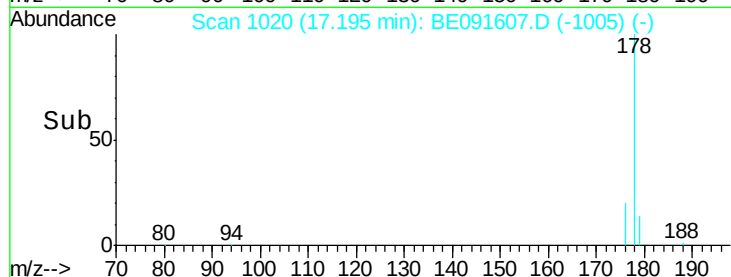
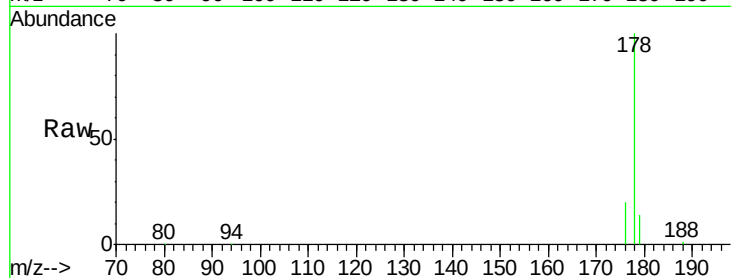
Tot Ion:178 Resp: 307272

Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

179 15.5 12.6 18.8



#24

Anthracene

Concen: 4.77 ng

RT: 17.29 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BE091607.D

Acq: 8 Apr 2016 11:39

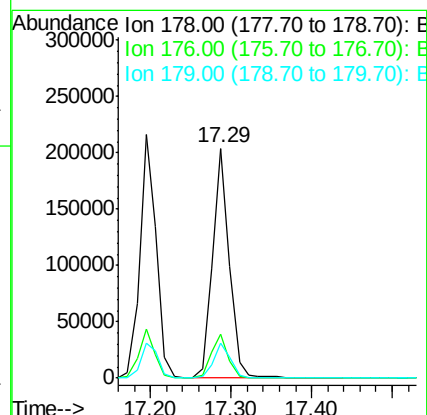
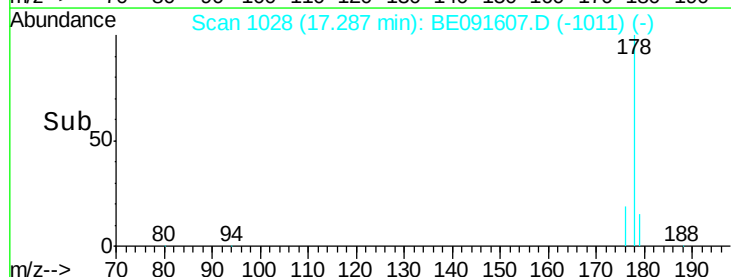
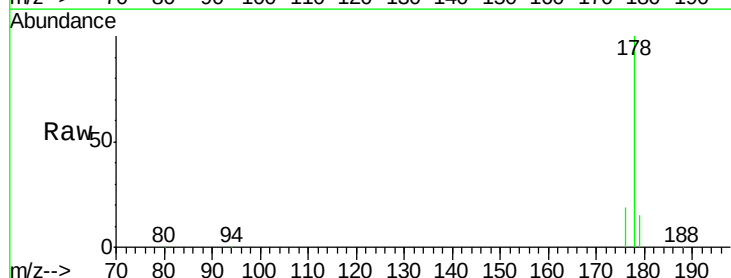
Tgt Ion:178 Resp: 298373

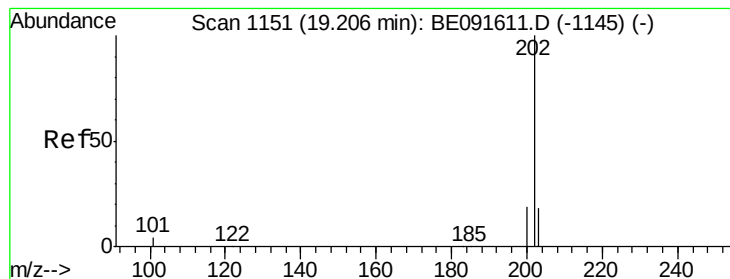
Ion Ratio Lower Upper

178 100

176 19.1 14.6 21.8

179 15.4 11.8 17.6





#25

Fluoranthene

Concen: 4.28 ng

RT: 19.21 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BE091607.D

Acq: 8 Apr 2016 11:39

Instrument :

BNA\_E

ClientSampleId :

SSTDIC05

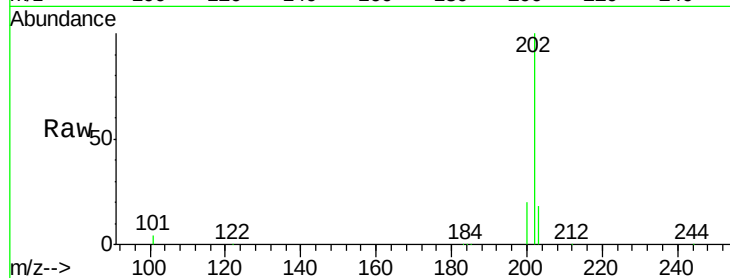
Tot Ion:202 Resp: 356563

Ion Ratio Lower Upper

202 100

101 11.0 11.0 16.6#

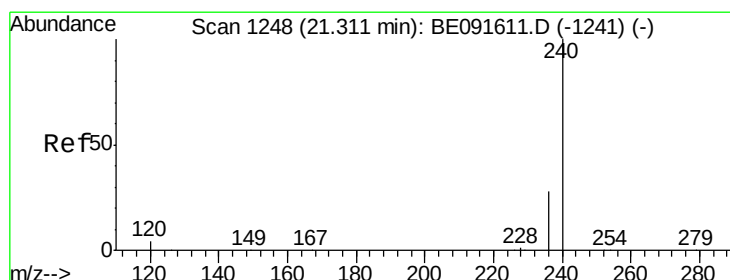
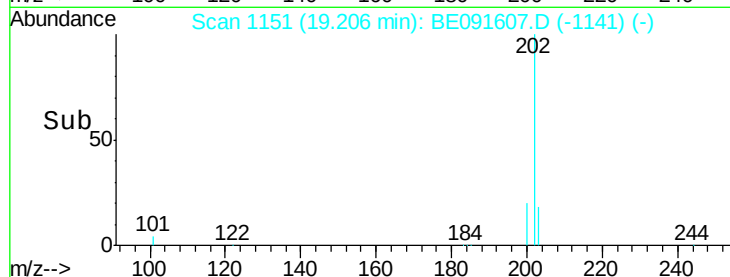
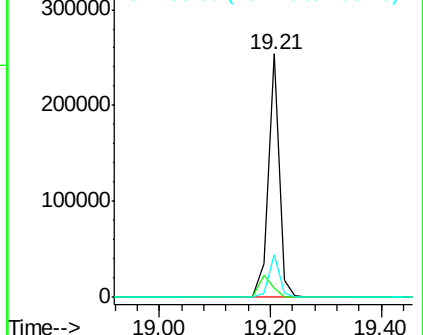
203 17.5 13.9 20.9



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: 21.31 min Scan# 1248

Delta R.T. 0.00 min

Lab File: BE091607.D

Acq: 8 Apr 2016 11:39

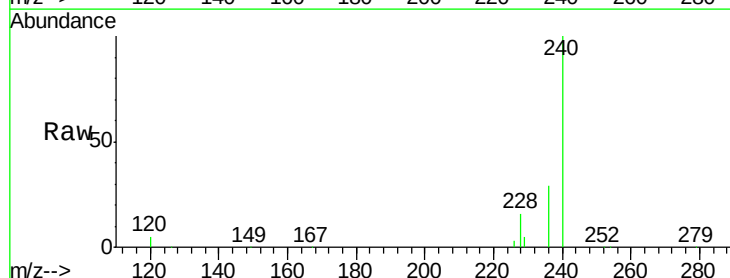
Tgt Ion:240 Resp: 377076

Ion Ratio Lower Upper

240 100

120 5.2 11.0 16.4#

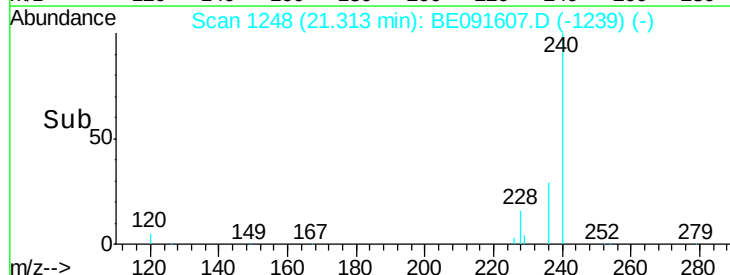
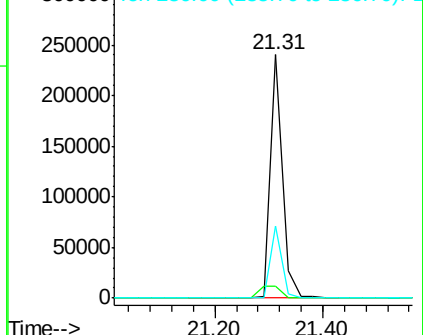
236 29.4 21.7 32.5

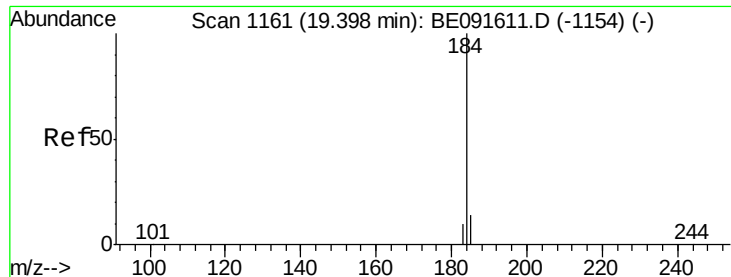


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 25.84 ng

RT: 19.38 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BE091607.D

Acq: 8 Apr 2016 11:39

Instrument :

BNA\_E

ClientSampleId :

SSTDIC05

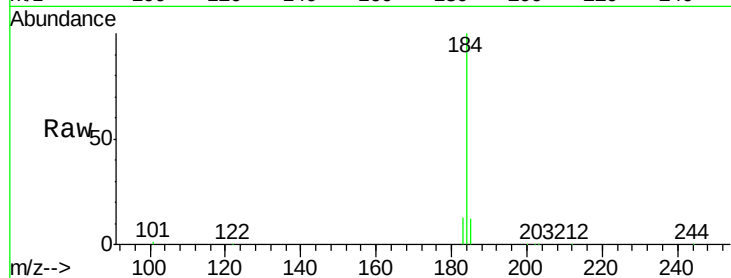
Tot Ion:184 Resp: 175711

Ion Ratio Lower Upper

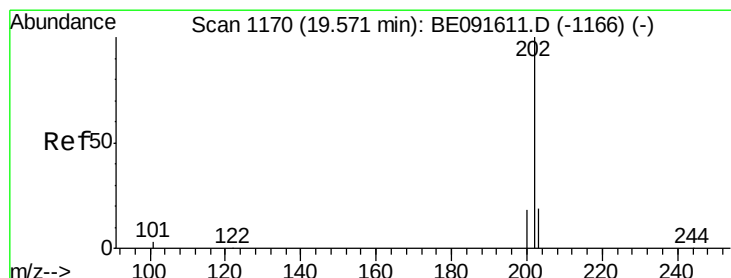
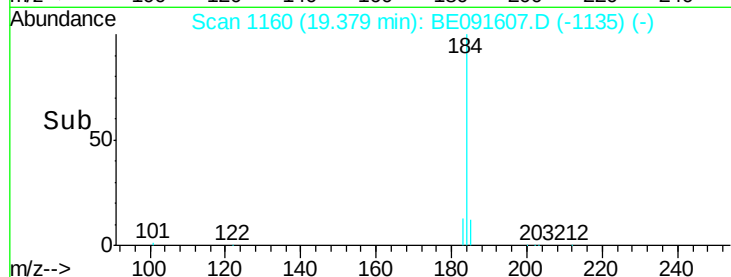
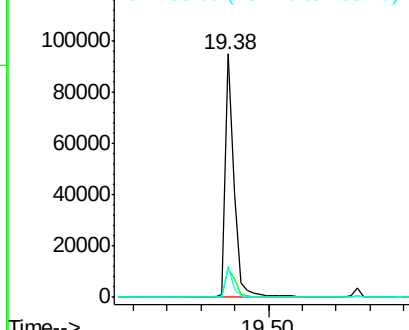
184 100

185 11.7 22.3 33.5#

183 12.8 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: 3.96 ng

RT: 19.57 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BE091607.D

Acq: 8 Apr 2016 11:39

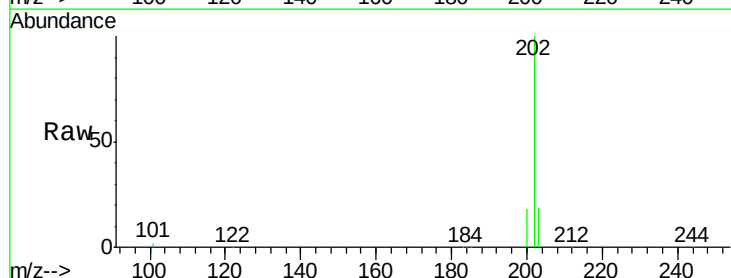
Tgt Ion:202 Resp: 381654

Ion Ratio Lower Upper

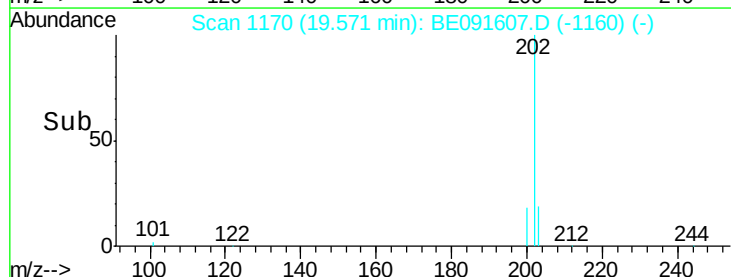
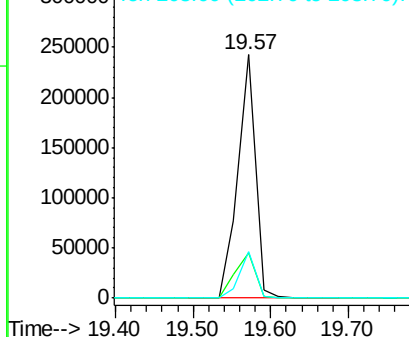
202 100

200 21.0 16.8 25.2

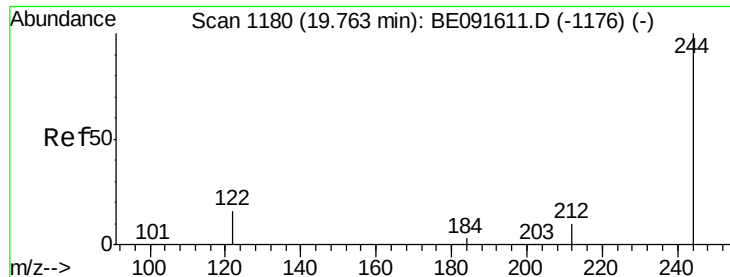
203 17.8 14.0 21.0



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: 4.71 ng

RT: 19.76 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BE091607.D

Acq: 8 Apr 2016 11:39

Instrument :

BNA\_E

ClientSampleId :

SSTDIC05

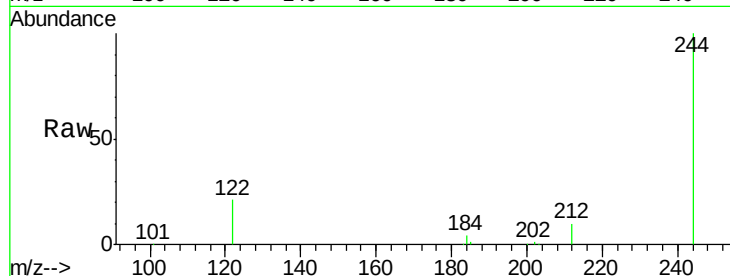
Tot Ion:244 Resp: 224182

Ion Ratio Lower Upper

244 100

212 10.3 6.9 10.3

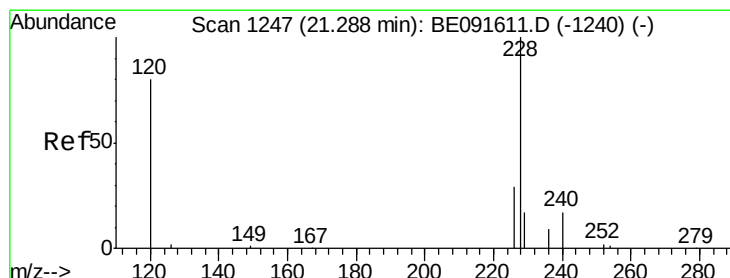
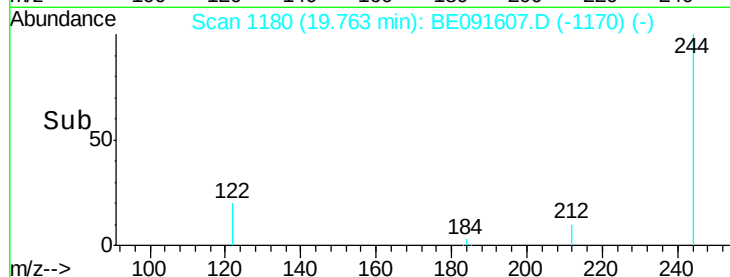
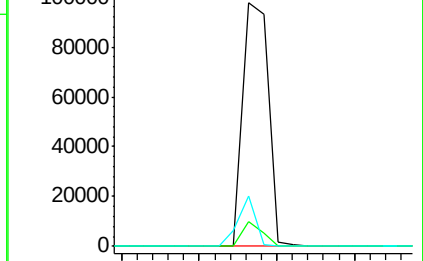
122 20.5 11.0 16.4#



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: 8.61 ng

RT: 21.29 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091607.D

Acq: 8 Apr 2016 11:39

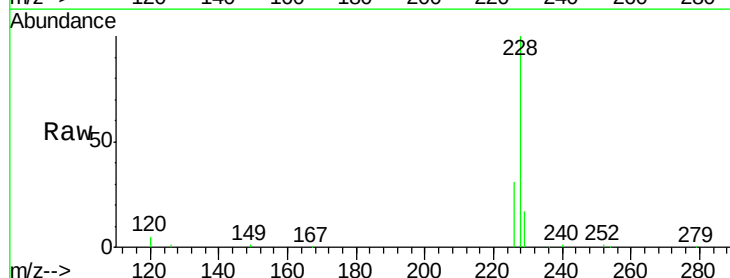
Tgt Ion:228 Resp: 763486

Ion Ratio Lower Upper

228 100

226 31.2 21.0 31.4

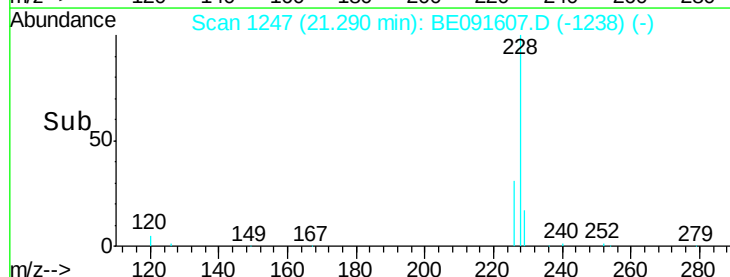
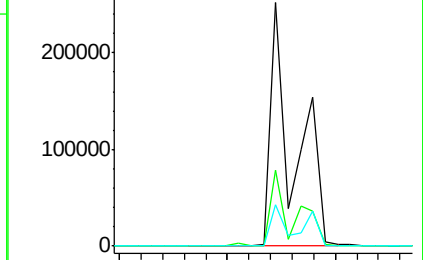
229 16.8 15.7 23.5

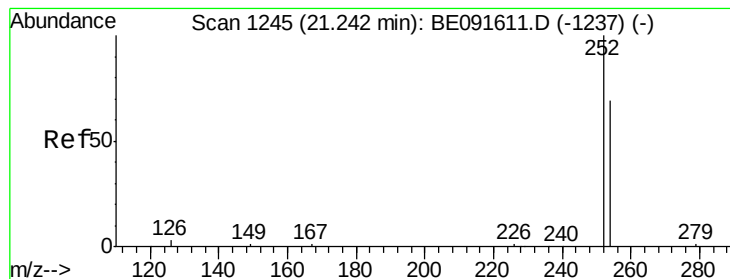


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

3,3'-Dichlorobenzidine

Concen: 18.20 ng

RT: 21.24 min Scan# 1245

Delta R.T. 0.00 min

Lab File: BE091607.D

Acq: 8 Apr 2016 11:39

Instrument :

BNA\_E

ClientSampleId :

SSTDIC05

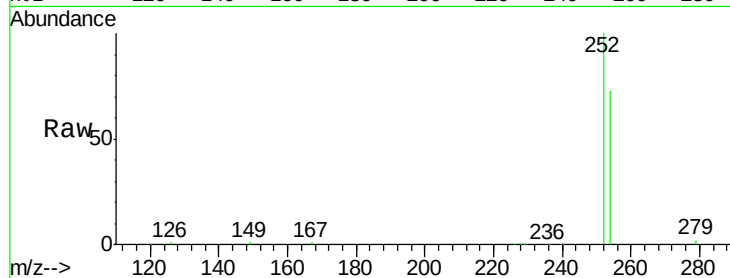
Tot Ion:252 Resp: 275901

Ion Ratio Lower Upper

252 100

254 72.8 51.1 76.7

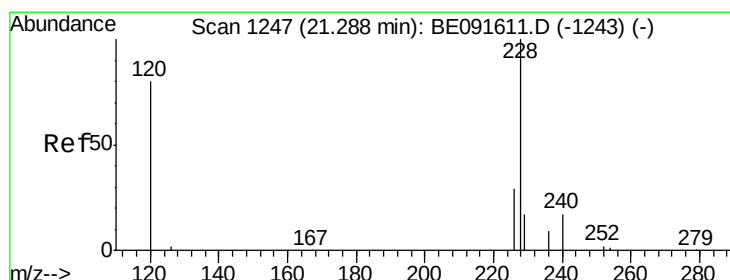
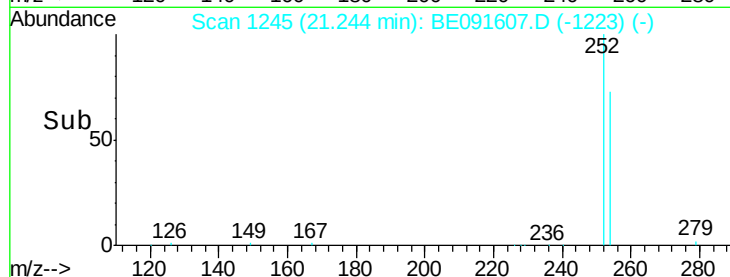
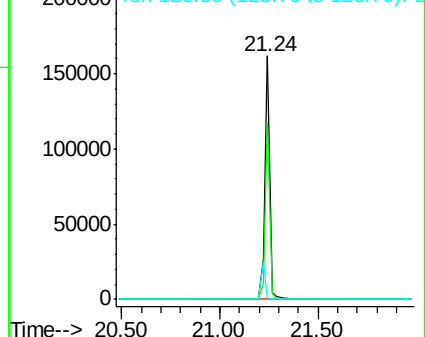
126 0.9 12.6 18.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#32

Chrysene

Concen: 6.76 ng

RT: 21.29 min Scan# 1247

Delta R.T. -0.07 min

Lab File: BE091607.D

Acq: 8 Apr 2016 11:39

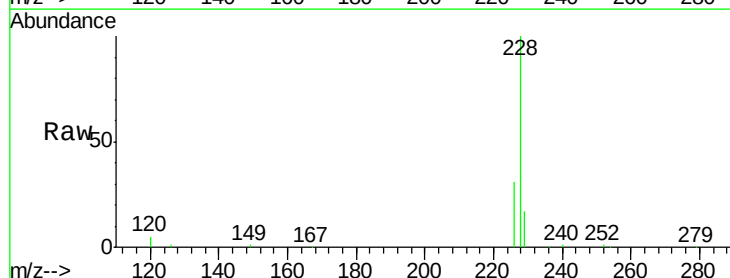
Tgt Ion:228 Resp: 767495

Ion Ratio Lower Upper

228 100

226 31.2 24.0 36.0

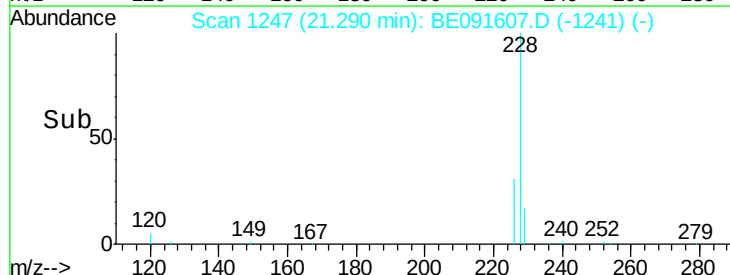
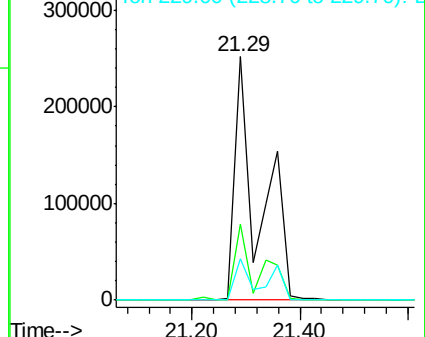
229 16.8 15.9 23.9

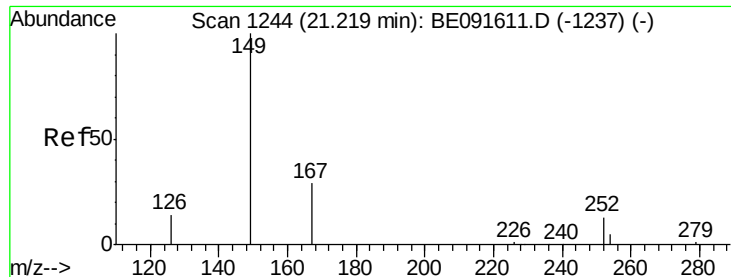


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

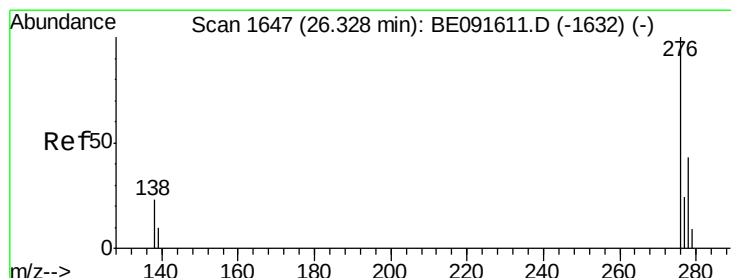
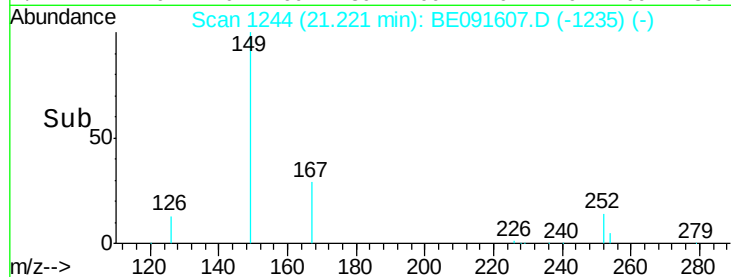
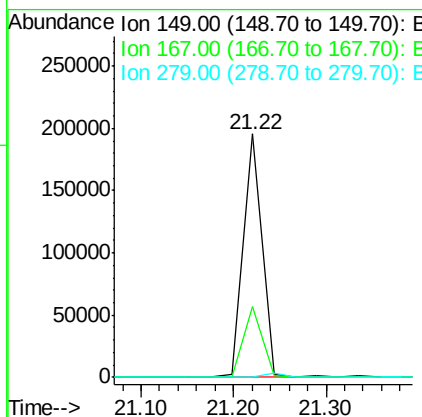
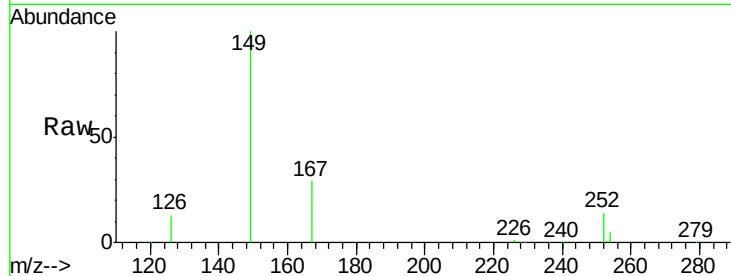




#33  
 Bis(2-ethylhexyl)phthalate  
 Concen: 7.89 ng  
 RT: 21.22 min Scan# 1244  
 Delta R.T. 0.00 min  
 Lab File: BE091607.D  
 Acq: 8 Apr 2016 11:39

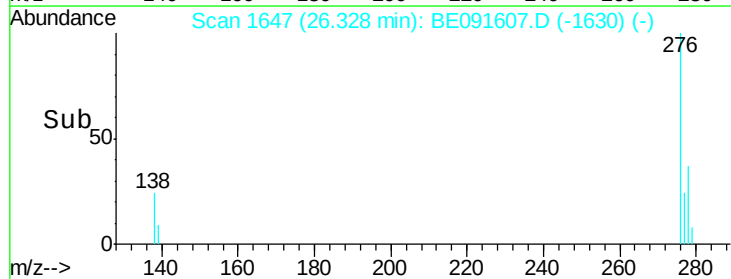
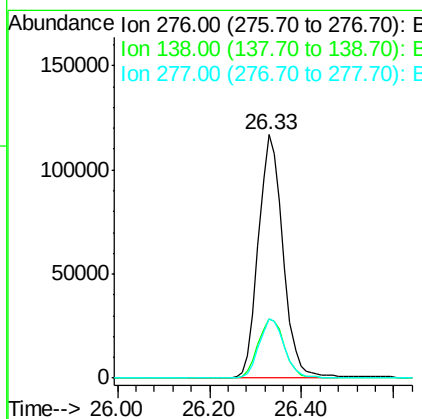
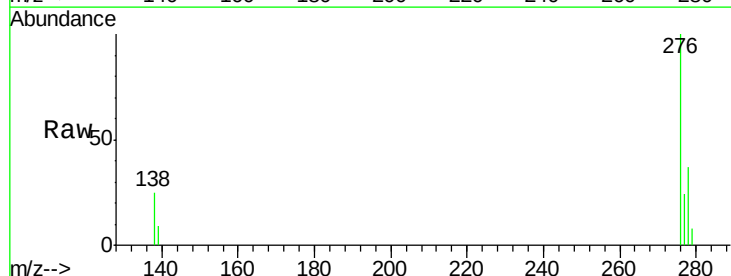
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC05

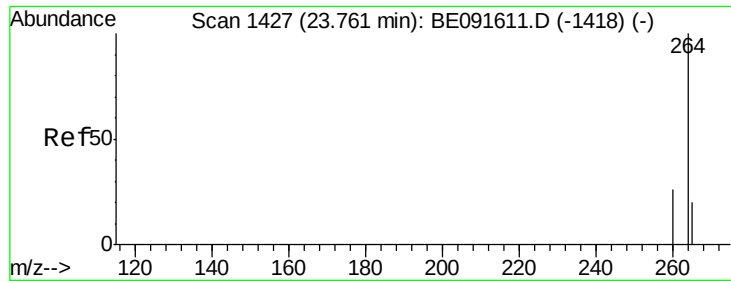
Tot Ion:149 Resp: 278860  
 Ion Ratio Lower Upper  
 149 100  
 167 28.9 19.5 29.3  
 279 0.0 10.0 15.0#



#34  
 Indeno(1,2,3-cd)pyrene  
 Concen: 4.73 ng  
 RT: 26.33 min Scan# 1647  
 Delta R.T. 0.00 min  
 Lab File: BE091607.D  
 Acq: 8 Apr 2016 11:39

Tgt Ion:276 Resp: 432622  
 Ion Ratio Lower Upper  
 276 100  
 138 26.2 23.4 35.2  
 277 25.0 19.8 29.8



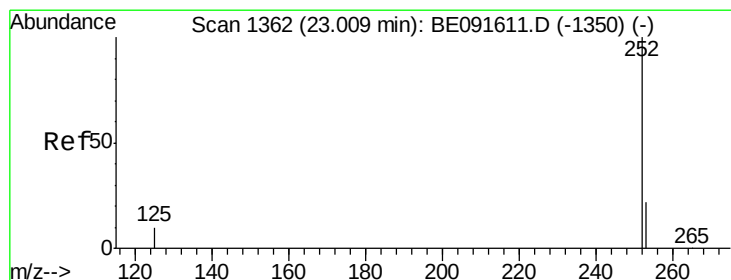
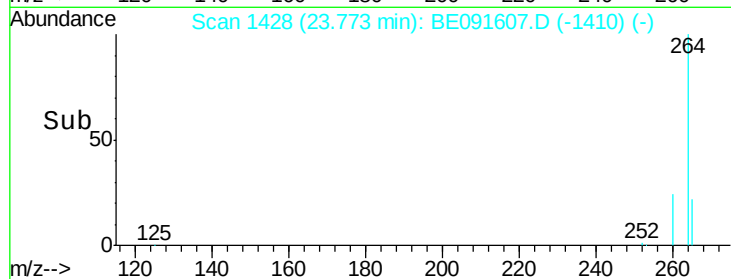
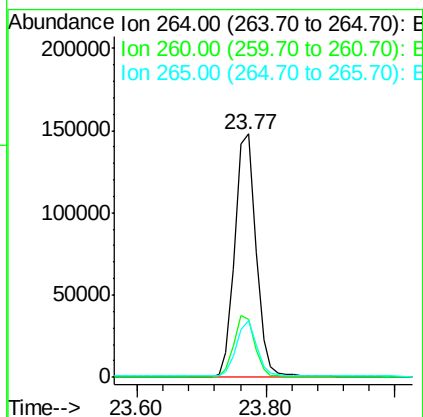
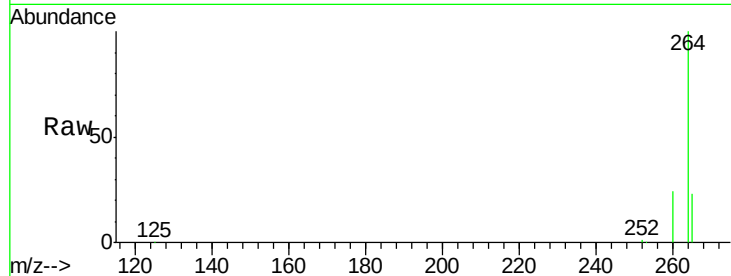


#35  
Pervlene-d12  
Concen: 5.00 ng  
RT: 23.77 min Scan# 1428  
Delta R.T. 0.01 min  
Lab File: BE091607.D  
Acq: 8 Apr 2016 11:39

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICC05

Tot Ion:264 Resp: 337860  

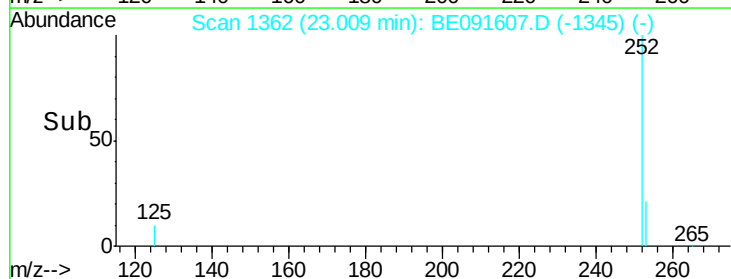
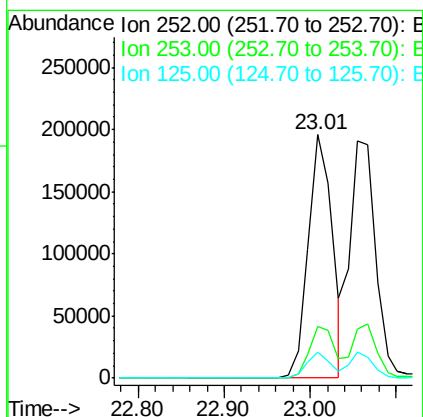
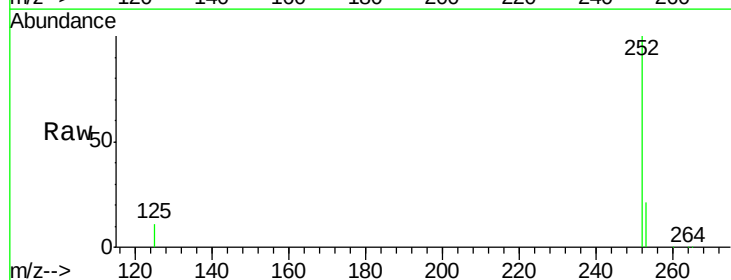
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.8  | 20.0  | 30.0  |
| 265 | 23.1  | 17.5  | 26.3  |

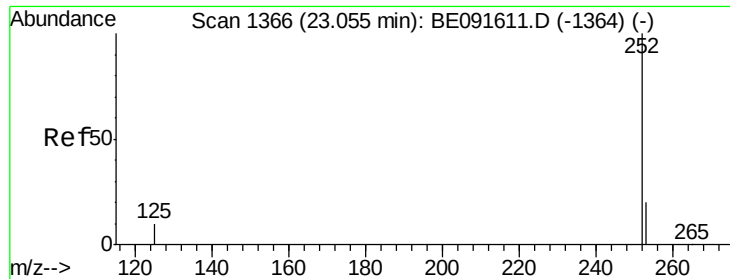


#36  
Benzo(b)fluoranthene  
Concen: 5.06 ng  
RT: 23.01 min Scan# 1362  
Delta R.T. 0.00 min  
Lab File: BE091607.D  
Acq: 8 Apr 2016 11:39

Tgt Ion:252 Resp: 376579  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.1  | 17.4  | 26.0  |
| 125 | 10.5  | 10.2  | 15.2  |





#37

Benzo(k)fluoranthene

Concen: 3.88 ng

RT: 23.06 min Scan# 1366

Delta R.T. 0.00 min

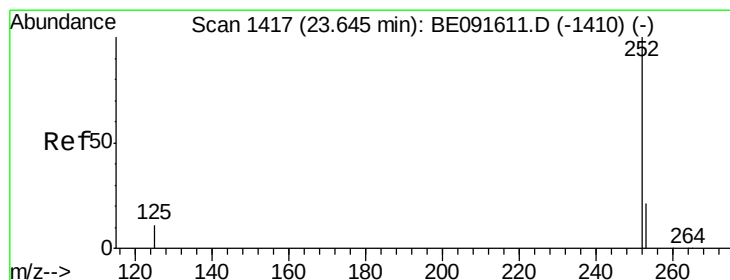
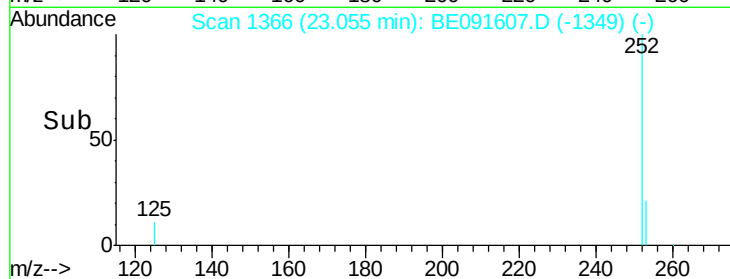
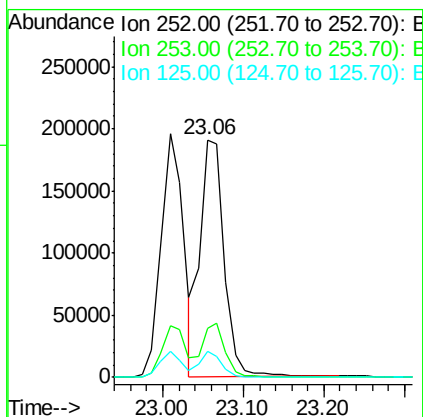
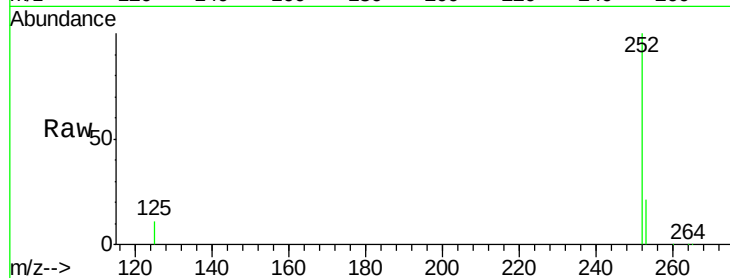
Lab File: BE091607.D

Acq: 8 Apr 2016 11:39

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC05

Tot Ion:252 Resp: 397325

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 20.8  | 17.6  | 26.4  |
| 125 | 10.7  | 9.9   | 14.9  |



#38

Benzo(a)pyrene

Concen: 5.34 ng

RT: 23.66 min Scan# 1418

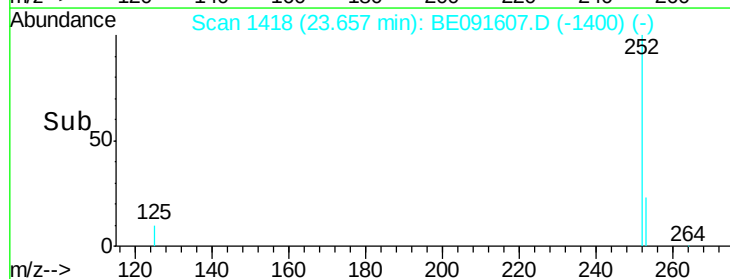
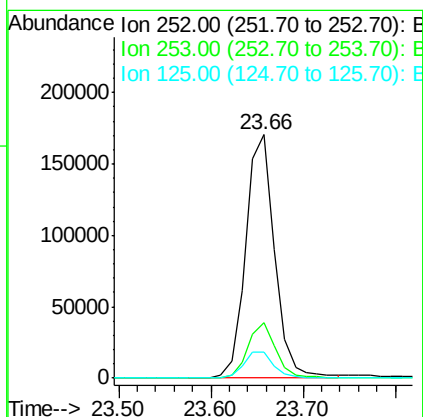
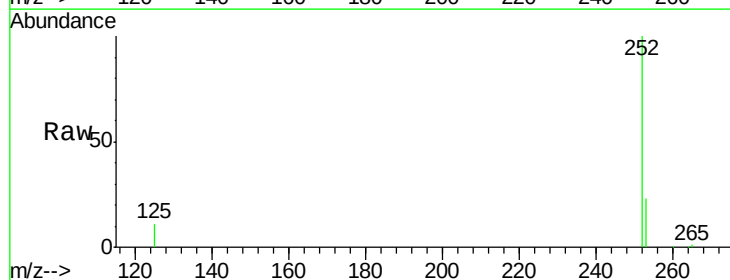
Delta R.T. 0.01 min

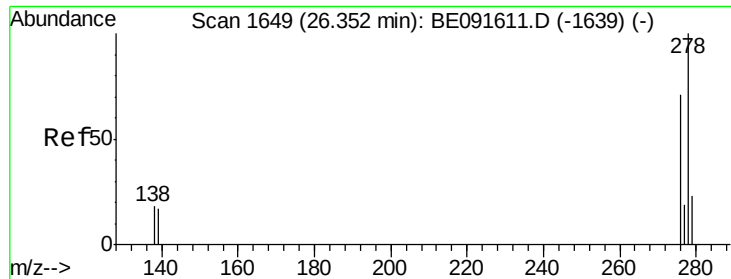
Lab File: BE091607.D

Acq: 8 Apr 2016 11:39

Tgt Ion:252 Resp: 368706

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.0  | 18.1  | 27.1  |
| 125 | 10.6  | 11.0  | 16.4  |





#39

Dibenzo(a,h)anthracene

Concen: 5.32 ng

RT: 26.36 min Scan# 1650

Delta R.T. 0.01 min

Lab File: BE091607.D

Acq: 8 Apr 2016 11:39

Instrument :

BNA\_E

ClientSampleId :

SSTDICC05

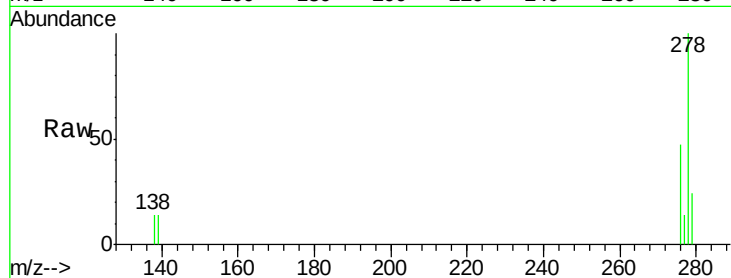
Tot Ion:278 Resp: 362555

Ion Ratio Lower Upper

278 100

139 14.4 16.0 24.0#

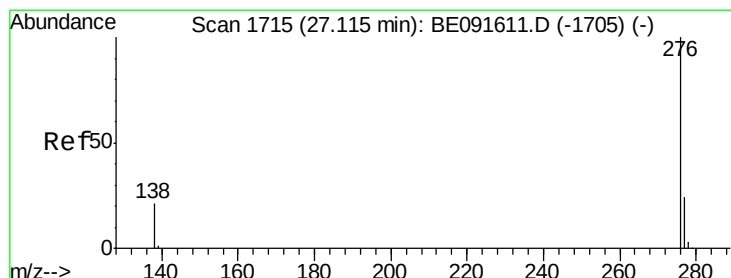
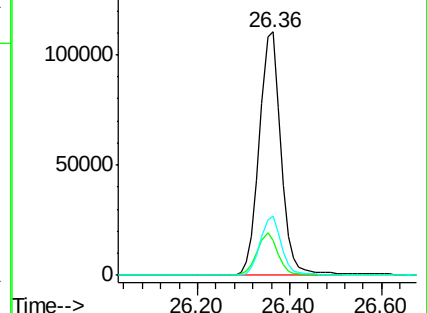
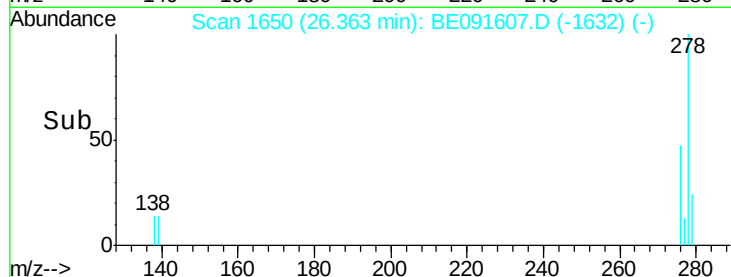
279 24.4 19.4 29.2



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



#40

Benzo(g,h,i)perylene

Concen: 4.94 ng

RT: 27.13 min Scan# 1716

Delta R.T. 0.01 min

Lab File: BE091607.D

Acq: 8 Apr 2016 11:39

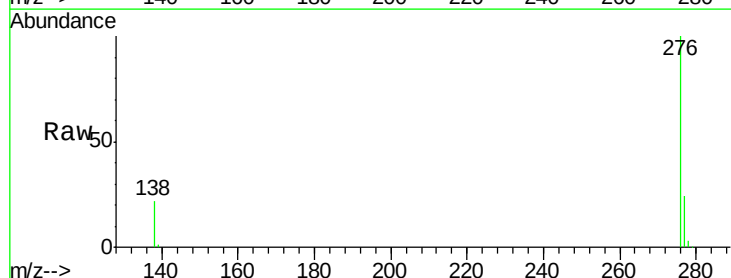
Tgt Ion:276 Resp: 365937

Ion Ratio Lower Upper

276 100

277 24.4 18.6 28.0

138 21.7 20.4 30.6



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

