

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051117\  
 Data File : BE092992.D  
 Acq On : 11 May 2017 12:37  
 Operator : SJ/MA  
 Sample : SSTDICC0.8  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :

Quant Time: May 11 14:14:26 2017  
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE051117.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 11 14:12:45 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.75  | 152  | 738      | 0.40 | ng    | -0.02    |
| 7) Naphthalene-d8         | 10.53 | 136  | 3045     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.39 | 164  | 1513     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.13 | 188  | 4251     | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.28 | 240  | 4030     | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.70 | 264  | 3120     | 0.40 | ng    | 0.00     |

|                             |       |     |      |      |    |       |
|-----------------------------|-------|-----|------|------|----|-------|
| System Monitoring Compounds |       |     |      |      |    |       |
| 4) 2-Fluorophenol           | 5.35  | 112 | 1610 | 0.79 | ng | 0.00  |
| 5) Phenol-d6                | 6.92  | 99  | 2099 | 0.84 | ng | -0.02 |
| 8) Nitrobenzene-d5          | 8.88  | 82  | 1902 | 0.81 | ng | -0.02 |
| 11) 2-Methylnaphthalene-d10 | 12.12 | 152 | 3641 | 0.86 | ng | -0.02 |
| 14) 2,4,6-Tribromophenol    | 15.88 | 330 | 328  | 0.83 | ng | 0.00  |
| 15) 2-Fluorobiphenyl        | 13.01 | 172 | 5093 | 0.86 | ng | 0.00  |
| 25) Fluoranthene-d10        | 19.14 | 212 | 8216 | 0.73 | ng | -0.01 |
| 29) Terphenyl-d14           | 19.74 | 244 | 6037 | 0.86 | ng | 0.00  |

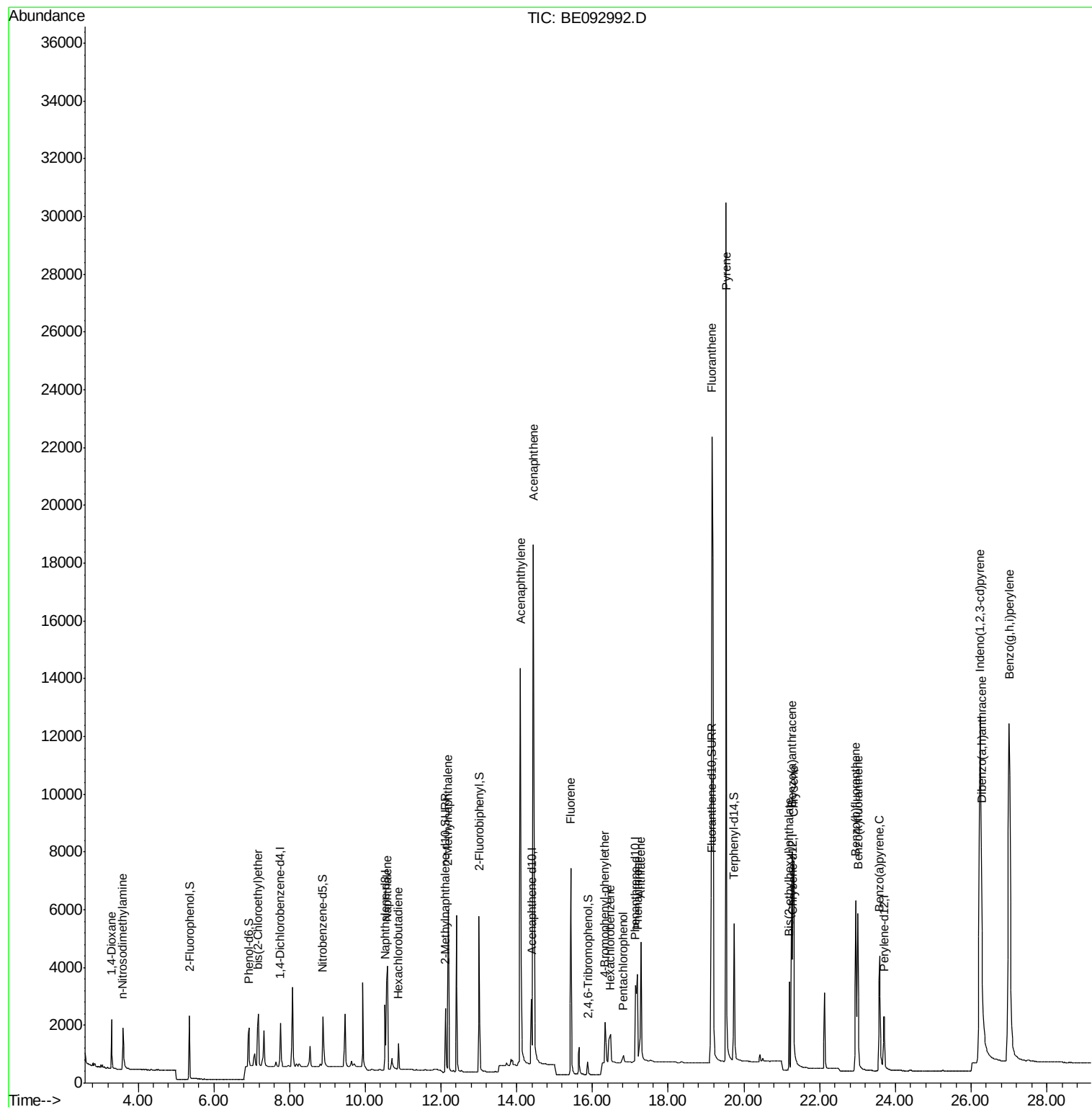
|                                |       |     |       |        |    |       |
|--------------------------------|-------|-----|-------|--------|----|-------|
| Target Compounds               |       |     |       | Qvalue |    |       |
| 2) 1,4-Dioxane                 | 3.31  | 88  | 1156  | 0.76   | ng | 98    |
| 3) n-Nitrosodimethylamine      | 3.59  | 42  | 1056  | 0.84   | ng | # 96  |
| 6) bis(2-Chloroethyl)ether     | 7.18  | 93  | 2016  | 0.81   | ng | # 99  |
| 9) Naphthalene                 | 10.58 | 128 | 6578  | 0.81   | ng | 97    |
| 10) Hexachlorobutadiene        | 10.87 | 225 | 911   | 0.82   | ng | 99    |
| 12) 2-Methylnaphthalene        | 12.19 | 142 | 4005  | 0.85   | ng | 97    |
| 16) Acenaphthylene             | 14.10 | 152 | 21155 | 0.86   | ng | 100   |
| 17) Acenaphthene               | 14.44 | 154 | 3837  | 0.83   | ng | 99    |
| 18) Fluorene                   | 15.43 | 166 | 4945  | 0.85   | ng | 100   |
| 20) 4-Bromophenyl-phenylether  | 16.33 | 248 | 963   | 0.71   | ng | # 1   |
| 21) Hexachlorobenzene          | 16.47 | 284 | 1448  | 0.68   | ng | # 100 |
| 22) Pentachlorophenol          | 16.82 | 266 | 328   | 0.51   | ng | 92    |
| 23) Phenanthrene               | 17.19 | 178 | 6760  | 0.64   | ng | # 77  |
| 24) Anthracene                 | 17.28 | 178 | 6751  | 0.74   | ng | 98    |
| 26) Fluoranthene               | 19.16 | 202 | 40484 | 0.73   | ng | # 59  |
| 28) Pyrene                     | 19.53 | 202 | 42211 | 0.82   | ng | # 96  |
| 30) Benzo(a)anthracene         | 21.27 | 228 | 8060  | 0.84   | ng | 98    |
| 31) Chrysene                   | 21.32 | 228 | 10148 | 0.81   | ng | 97    |
| 32) Bis(2-ethylhexyl)phthalate | 21.20 | 149 | 2911  | 0.68   | ng | 98    |
| 33) Indeno(1,2,3-cd)pyrene     | 26.24 | 276 | 31765 | 0.81   | ng | 98    |
| 35) Benzo(b)fluoranthene       | 22.95 | 252 | 8209  | 0.83   | ng | 96    |
| 36) Benzo(k)fluoranthene       | 23.01 | 252 | 8812  | 0.90   | ng | 96    |
| 37) Benzo(a)pyrene             | 23.59 | 252 | 7127  | 0.83   | ng | 95    |
| 38) Dibenzo(a,h)anthracene     | 26.27 | 278 | 6679  | 0.86   | ng | # 93  |
| 39) Benzo(g,h,i)perylene       | 27.00 | 276 | 30395 | 0.85   | ng | 97    |

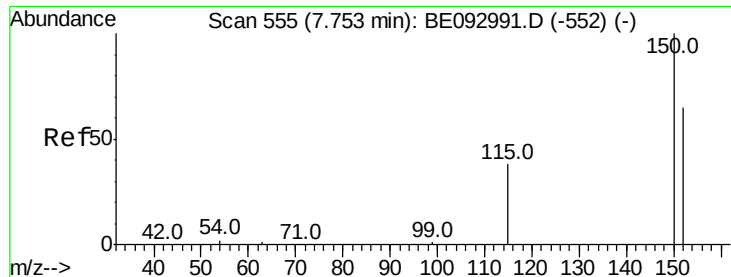
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.75 min Scan# 555

Delta R.T. -0.02 min

Lab File: BE092992.D

Acq: 11 May 2017 12:37

Instrument :

BNA\_E

ClientSampleId :

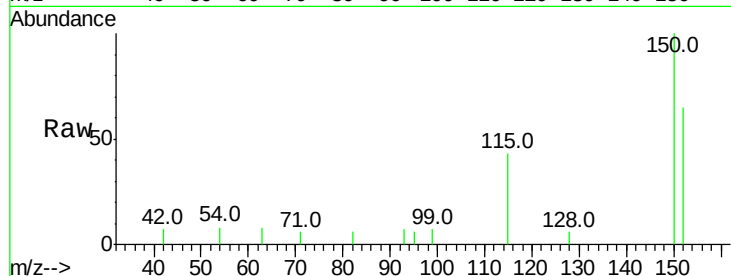
Tot Ion:152 Resp: 738

Ion Ratio Lower Upper

152 100

150 153.8 125.1 187.7

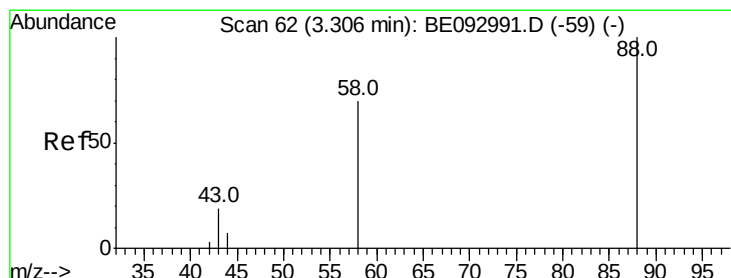
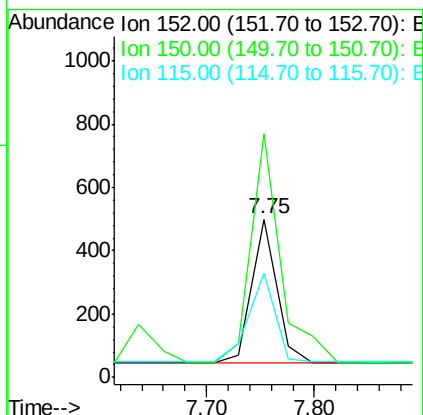
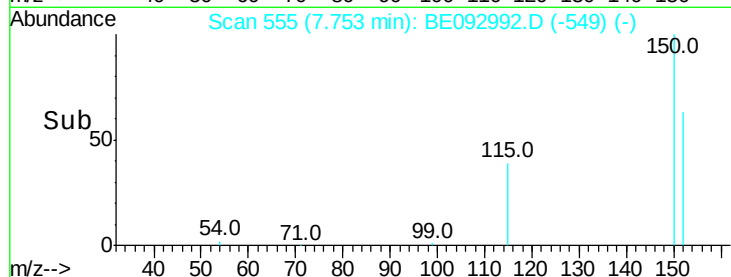
115 65.4 55.7 83.5



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: 0.76 ng

RT: 3.31 min Scan# 62

Delta R.T. 0.00 min

Lab File: BE092992.D

Acq: 11 May 2017 12:37

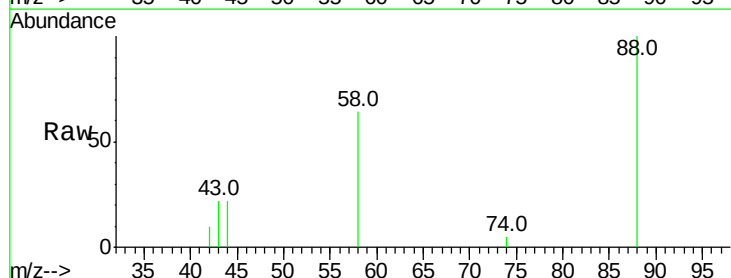
Tgt Ion: 88 Resp: 1156

Ion Ratio Lower Upper

88 100

58 78.9 62.2 93.4

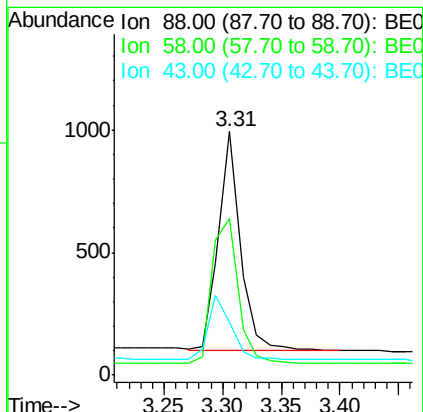
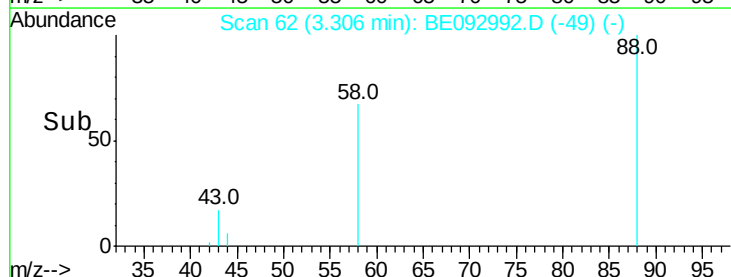
43 30.4 23.2 34.8

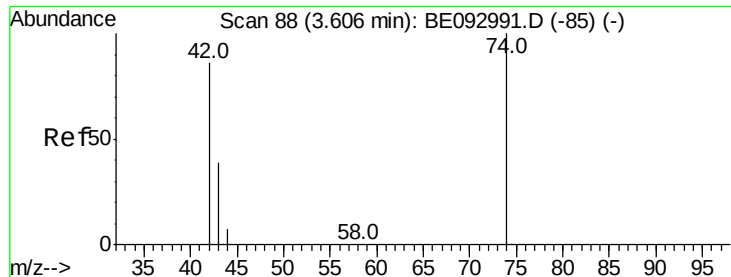


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.84 ng

RT: 3.59 min Scan# 87

Delta R.T. -0.01 min

Lab File: BE092992.D

Acq: 11 May 2017 12:37

Instrument :

BNA\_E

ClientSampleId :

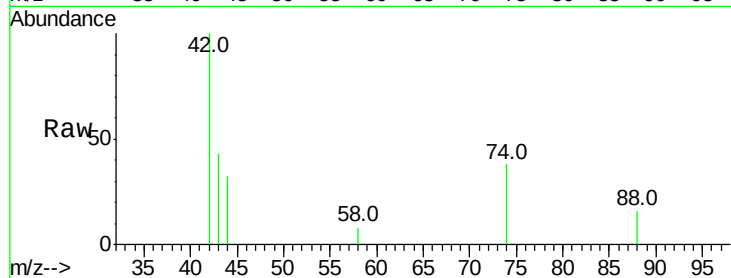
Tot Ion: 42 Resp: 1056

Ion Ratio Lower Upper

42 100

74 119.5 99.1 148.7

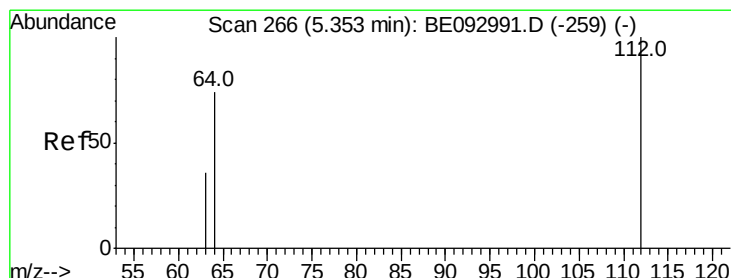
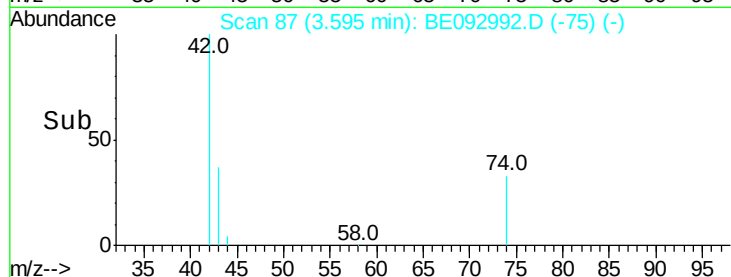
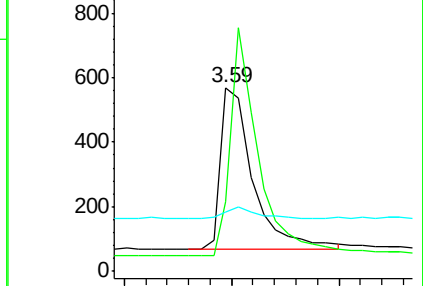
44 7.0 7.4 11.2#



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: 0.79 ng

RT: 5.35 min Scan# 266

Delta R.T. -0.01 min

Lab File: BE092992.D

Acq: 11 May 2017 12:37

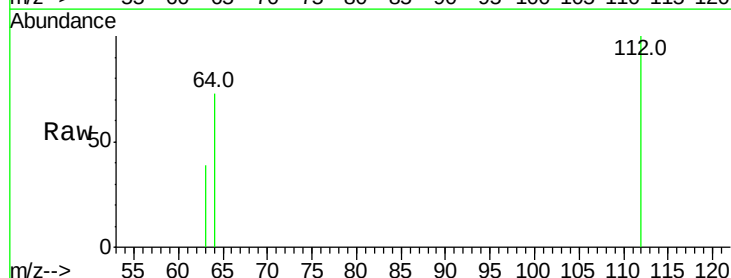
Tgt Ion: 112 Resp: 1610

Ion Ratio Lower Upper

112 100

64 72.0 56.4 84.6

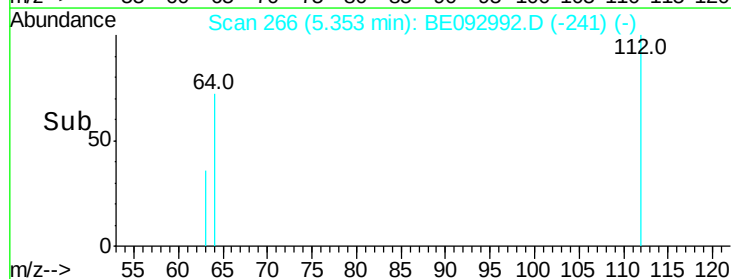
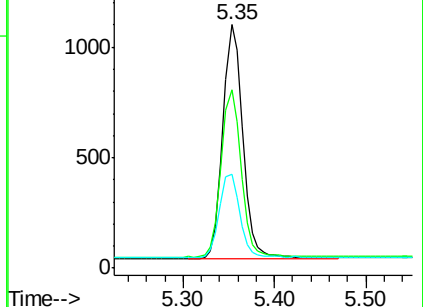
63 36.3 29.3 43.9

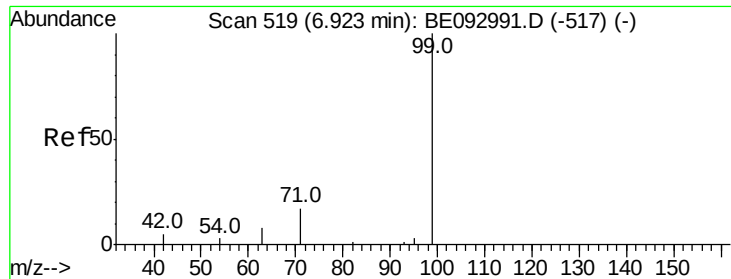


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.84 ng

RT: 6.92 min Scan# 519

Delta R.T. -0.02 min

Lab File: BE092992.D

Acq: 11 May 2017 12:37

Instrument :

BNA\_E

ClientSampleId :

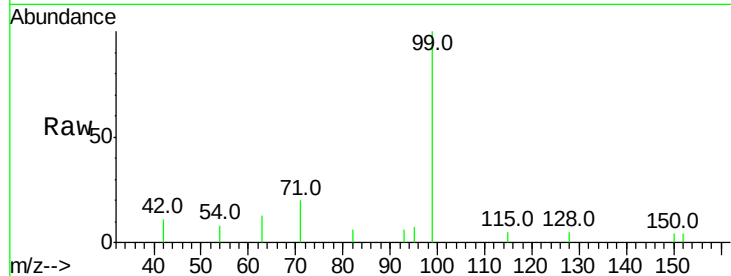
Tot Ion: 99 Resp: 2099

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

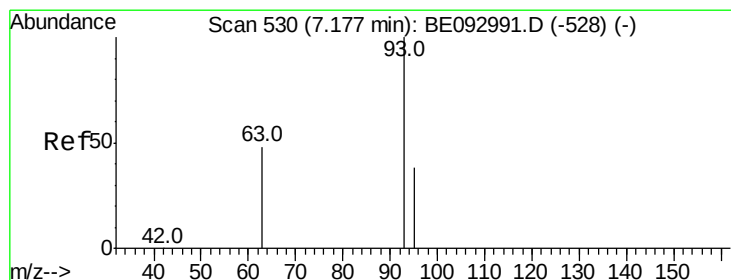
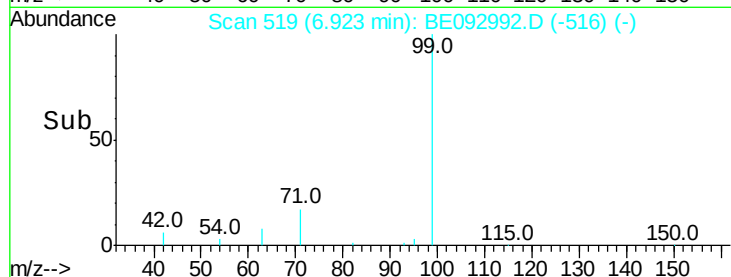
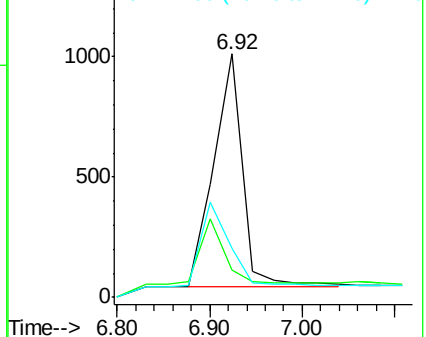
71 0.0 0.0 0.0



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

bis(2-Chloroethyl)ether

Concen: 0.81 ng

RT: 7.18 min Scan# 530

Delta R.T. -0.02 min

Lab File: BE092992.D

Acq: 11 May 2017 12:37

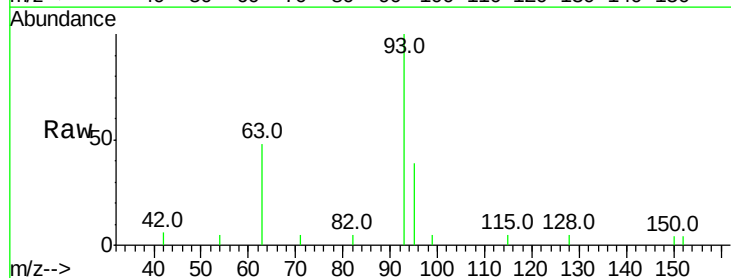
Tgt Ion: 93 Resp: 2016

Ion Ratio Lower Upper

93 100

63 0.0 0.0 0.0

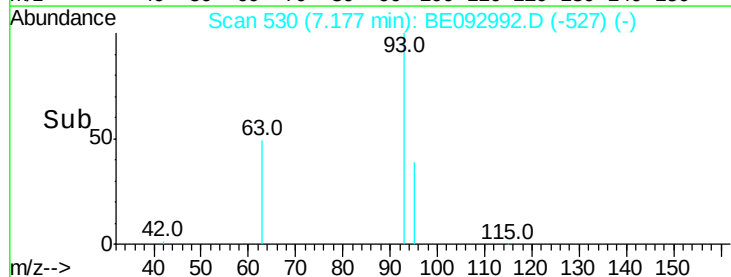
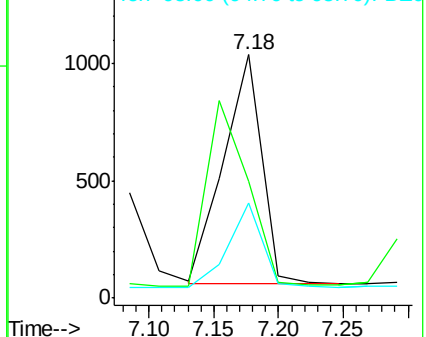
95 32.5 25.4 38.0

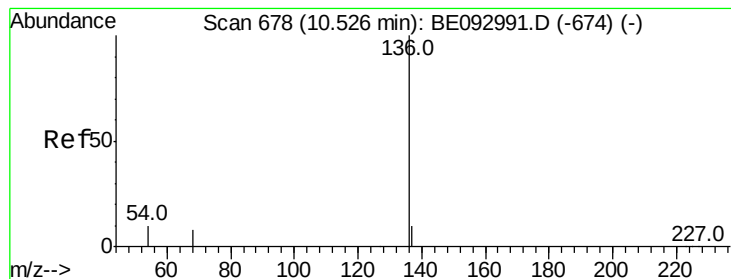


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.40 ng

RT: 10.53 min Scan# 678

Delta R.T. -0.00 min

Lab File: BE092992.D

Acq: 11 May 2017 12:37

Instrument :

BNA\_E

ClientSampled :

Tot Ion:136 Resp: 3045

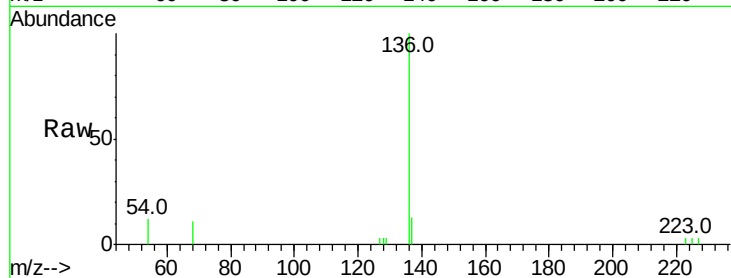
Ion Ratio Lower Upper

136 100

137 12.7 9.8 14.8

54 11.8 10.3 15.5

68 10.7 9.0 13.4

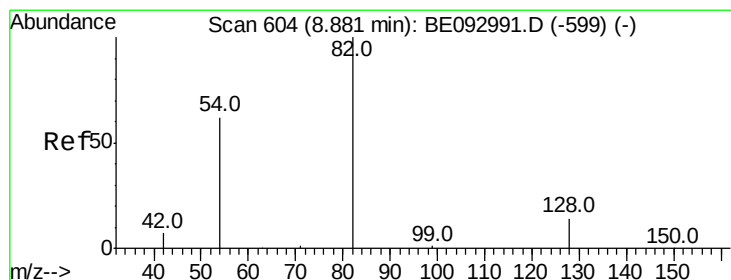
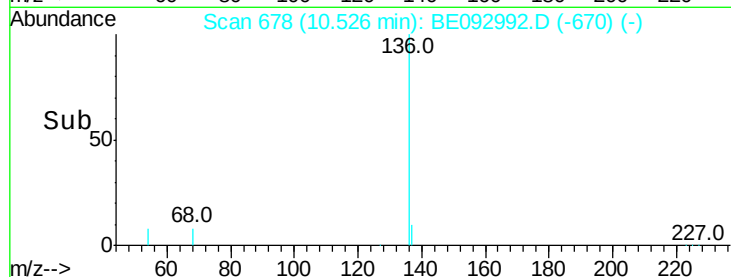
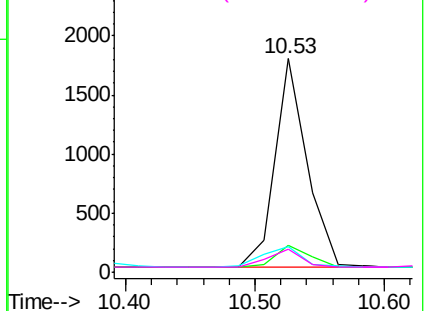


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.81 ng

RT: 8.88 min Scan# 604

Delta R.T. -0.02 min

Lab File: BE092992.D

Acq: 11 May 2017 12:37

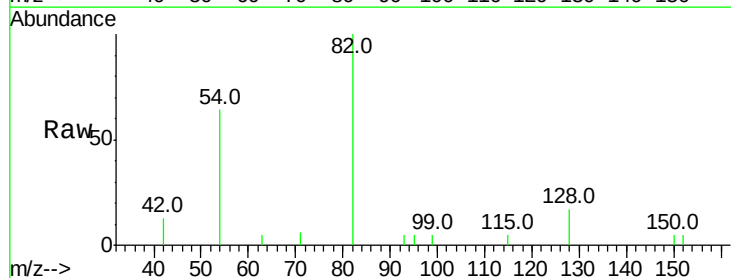
Tgt Ion: 82 Resp: 1902

Ion Ratio Lower Upper

82 100

128 17.3 17.0 25.4

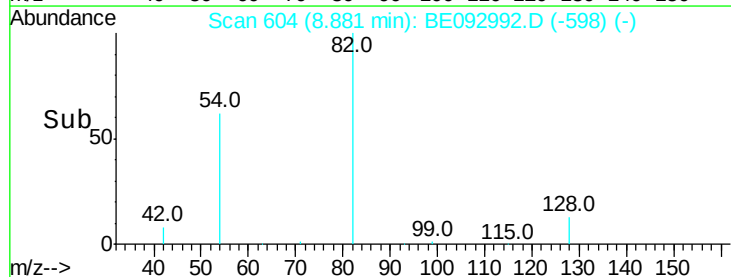
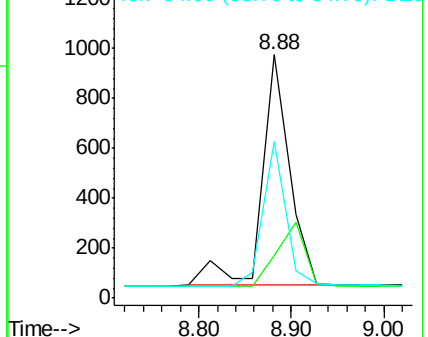
54 64.2 53.8 80.6

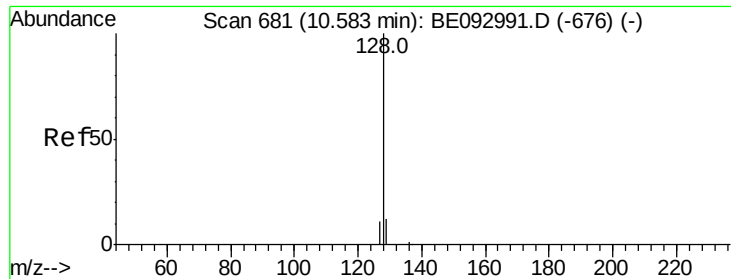


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.81 ng

RT: 10.58 min Scan# 681

Delta R.T. -0.00 min

Lab File: BE092992.D

Acq: 11 May 2017 12:37

Instrument :

BNA\_E

ClientSampleId :

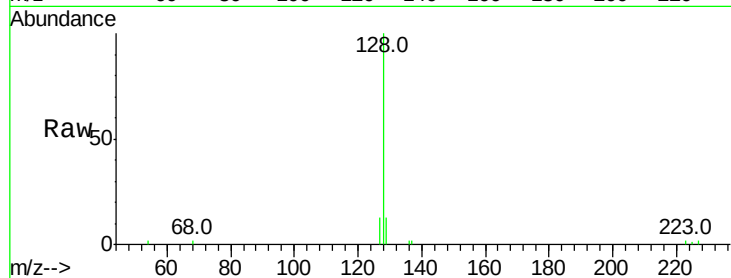
Tot Ion:128 Resp: 6578

Ion Ratio Lower Upper

128 100

129 13.2 11.4 17.0

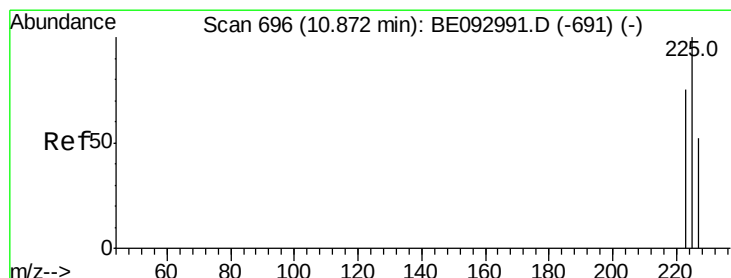
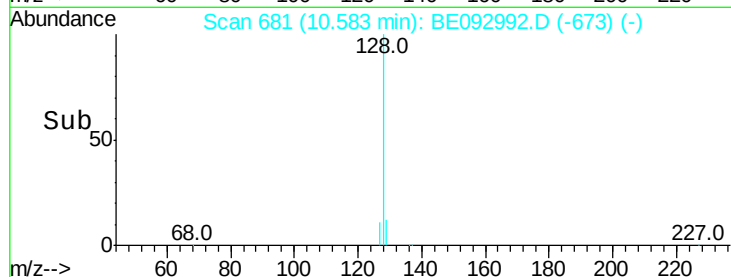
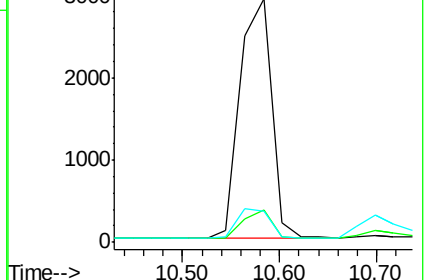
127 12.6 11.2 16.8



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: 0.82 ng

RT: 10.87 min Scan# 696

Delta R.T. -0.02 min

Lab File: BE092992.D

Acq: 11 May 2017 12:37

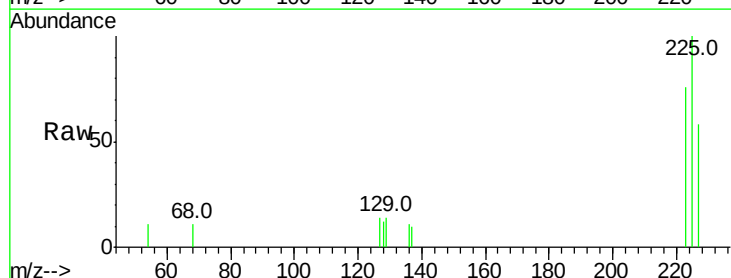
Tgt Ion:225 Resp: 911

Ion Ratio Lower Upper

225 100

223 62.6 49.7 74.5

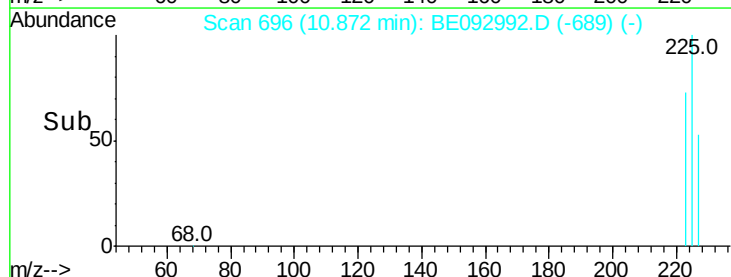
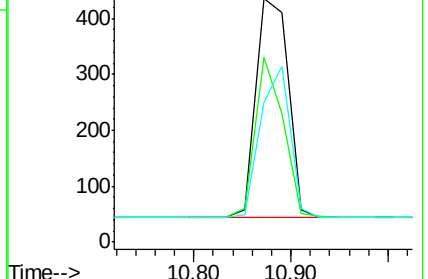
227 63.6 50.3 75.5

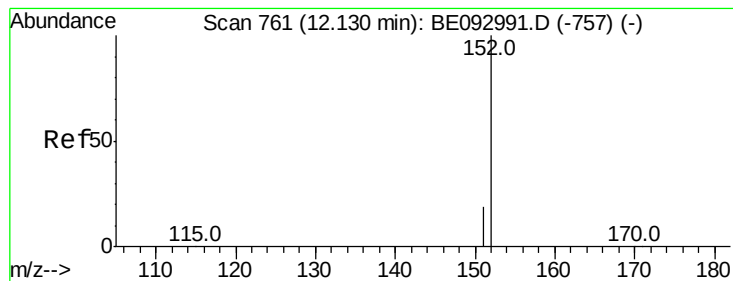


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.86 ng

RT: 12.12 min Scan# 760

Delta R.T. -0.02 min

Lab File: BE092992.D

Acq: 11 May 2017 12:37

Instrument :

BNA\_E

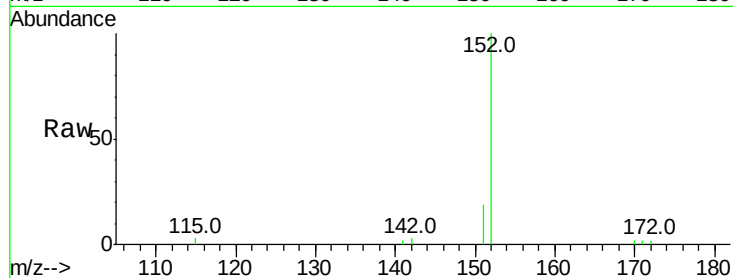
ClientSampleId :

Tot Ion:152 Resp: 3641

Ion Ratio Lower Upper

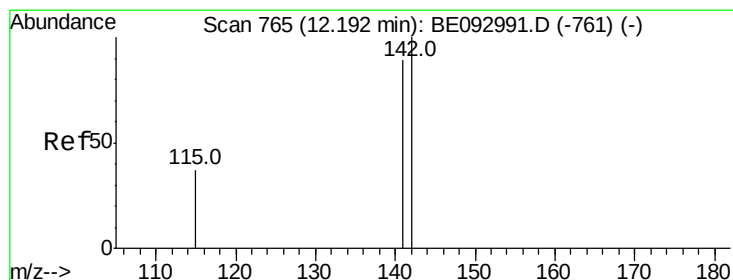
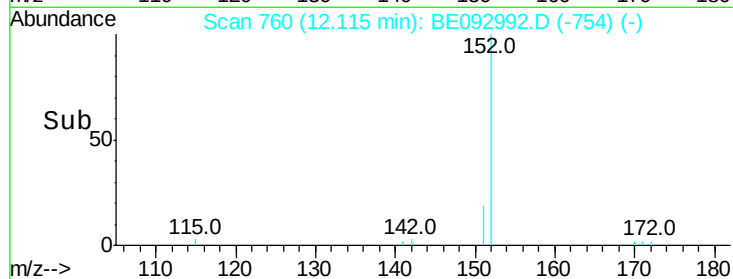
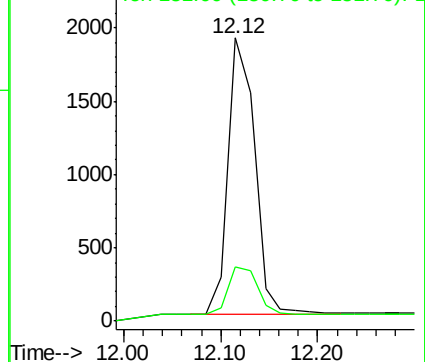
152 100

151 19.3 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.85 ng

RT: 12.19 min Scan# 765

Delta R.T. -0.00 min

Lab File: BE092992.D

Acq: 11 May 2017 12:37

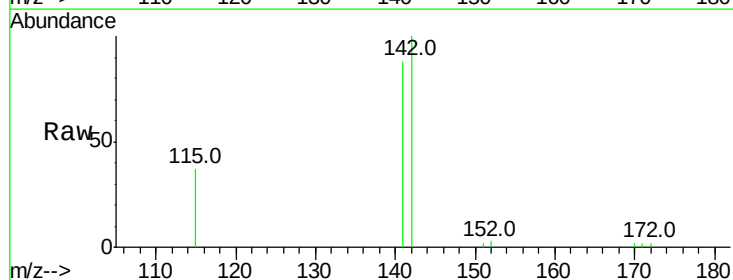
Tgt Ion:142 Resp: 4005

Ion Ratio Lower Upper

142 100

141 88.4 72.6 108.8

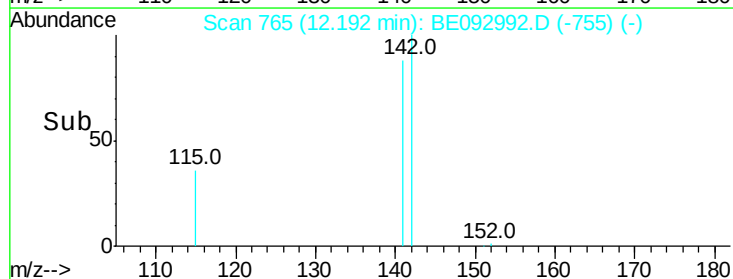
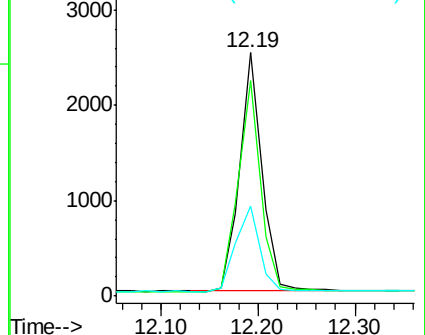
115 36.8 32.2 48.2



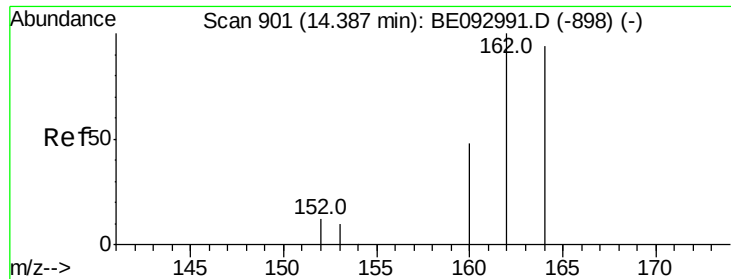
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



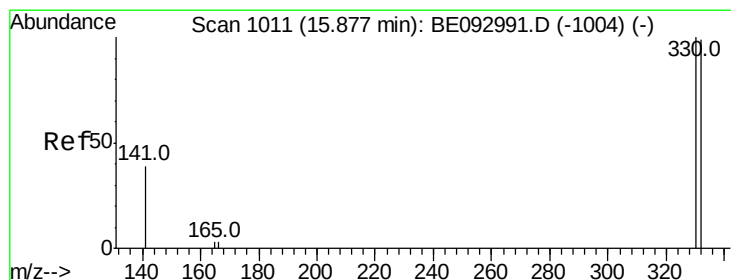
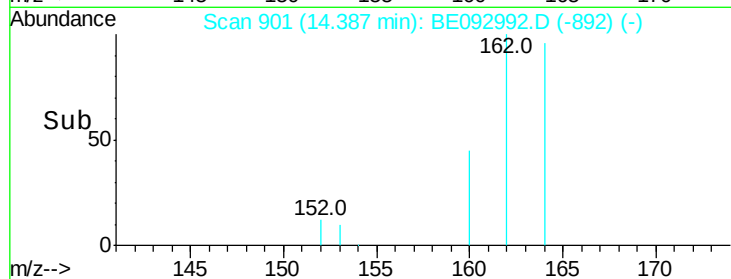
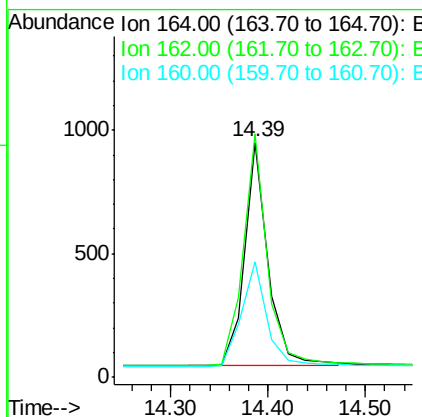
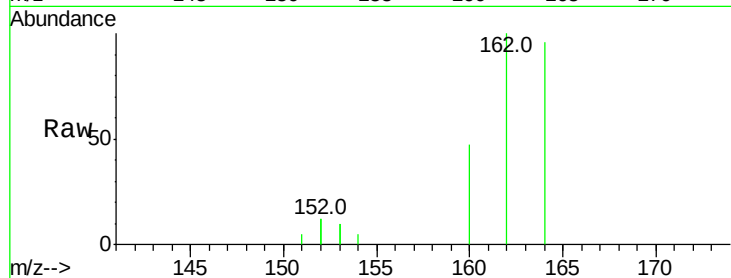




#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.39 min Scan# 901  
Delta R.T. -0.00 min  
Lab File: BE092992.D  
Acq: 11 May 2017 12:37

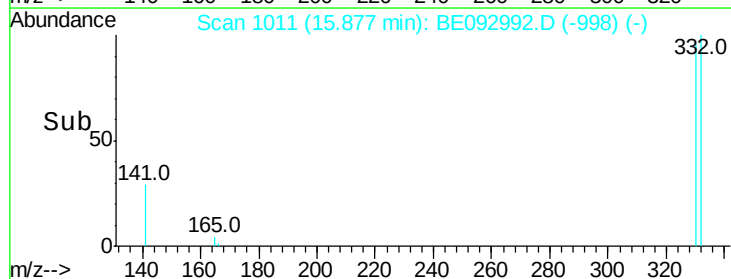
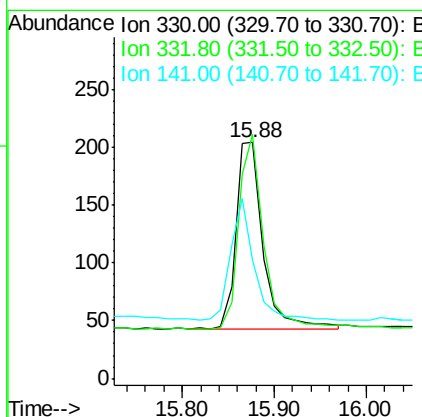
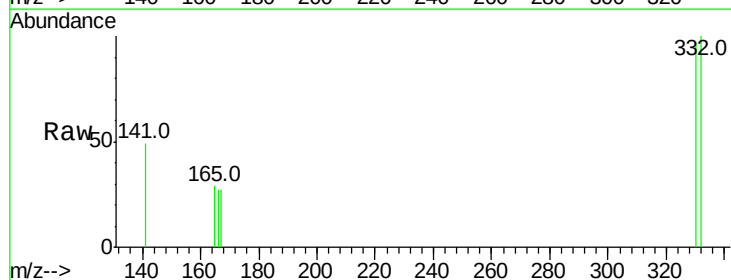
Instrument :  
BNA\_E  
ClientSampleId :

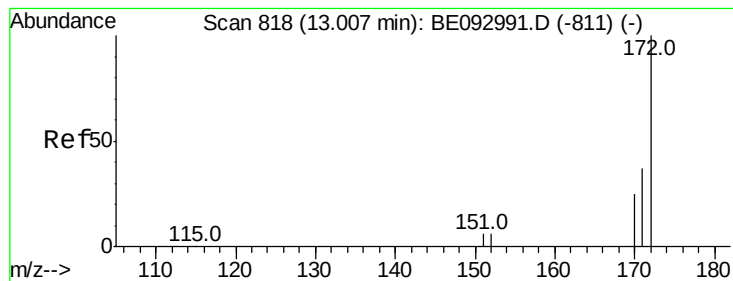
Tot Ion:164 Resp: 1513  
Ion Ratio Lower Upper  
164 100  
162 103.8 84.6 127.0  
160 49.1 41.8 62.6



#14  
2,4,6-Tribromophenol  
Concen: 0.83 ng  
RT: 15.88 min Scan# 1011  
Delta R.T. 0.00 min  
Lab File: BE092992.D  
Acq: 11 May 2017 12:37

Tgt Ion:330 Resp: 328  
Ion Ratio Lower Upper  
330 100  
332 95.7 77.7 116.5  
141 55.8 56.2 84.4#

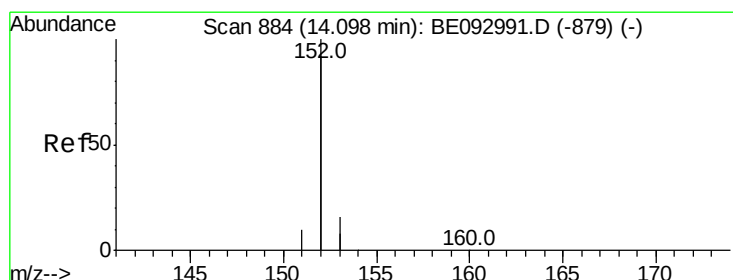
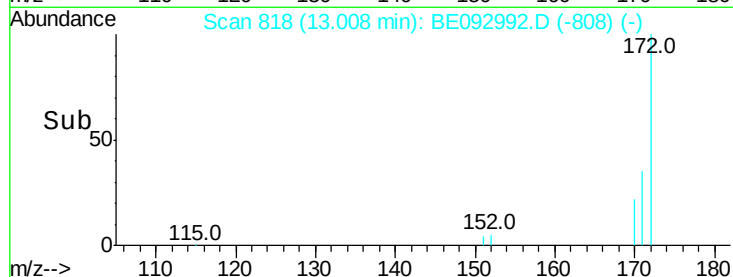
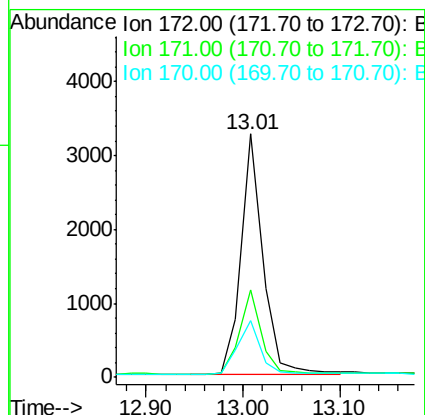
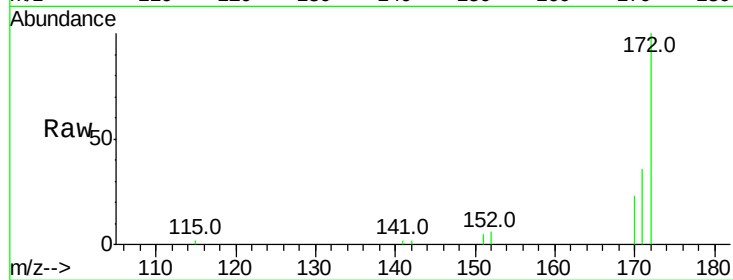




#15  
2-Fluorobiphenyl  
Concen: 0.86 ng  
RT: 13.01 min Scan# 818  
Delta R.T. -0.00 min  
Lab File: BE092992.D  
Acq: 11 May 2017 12:37

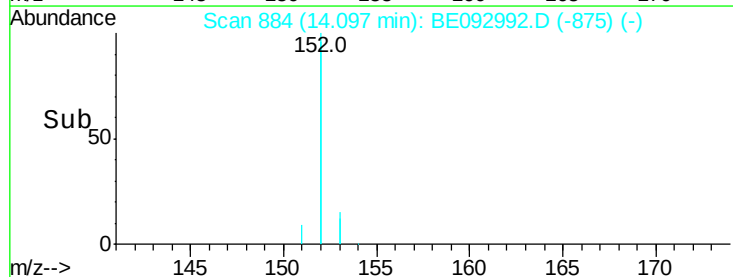
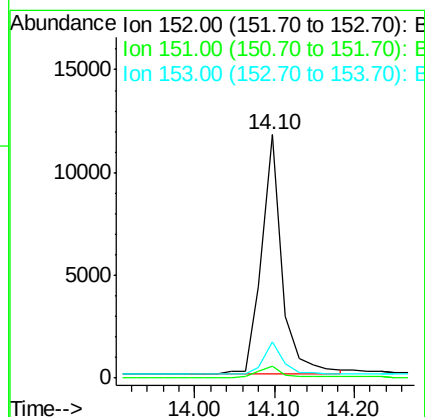
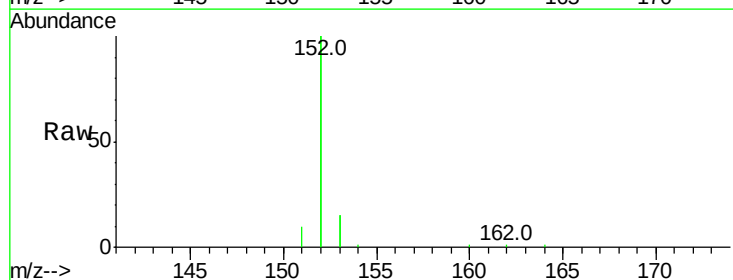
Instrument :  
BNA\_E  
ClientSampleId :

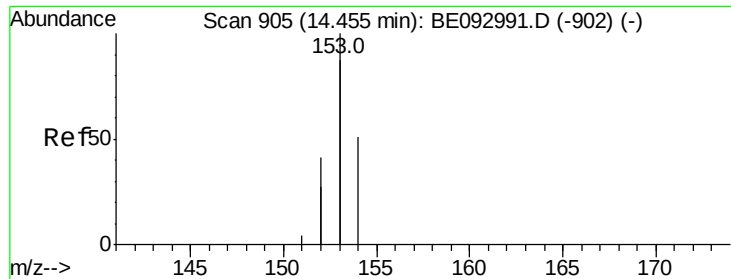
Tot Ion:172 Resp: 5093  
Ion Ratio Lower Upper  
172 100  
171 35.8 29.8 44.6  
170 23.5 20.7 31.1



#16  
Acenaphthylene  
Concen: 0.86 ng  
RT: 14.10 min Scan# 884  
Delta R.T. -0.00 min  
Lab File: BE092992.D  
Acq: 11 May 2017 12:37

Tgt Ion:152 Resp: 21155  
Ion Ratio Lower Upper  
152 100  
151 4.9 4.0 6.0  
153 12.9 10.3 15.5

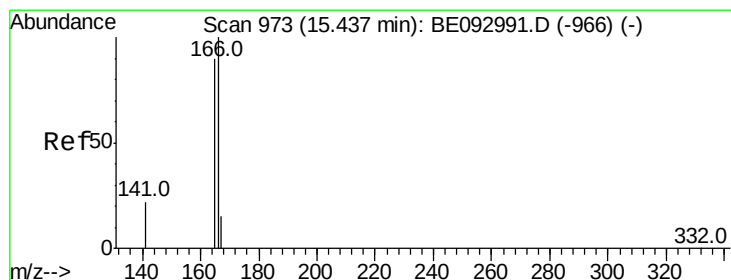
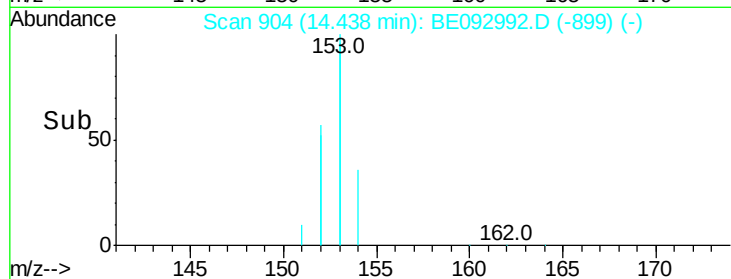
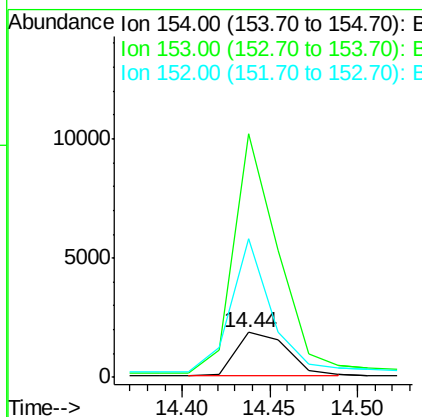
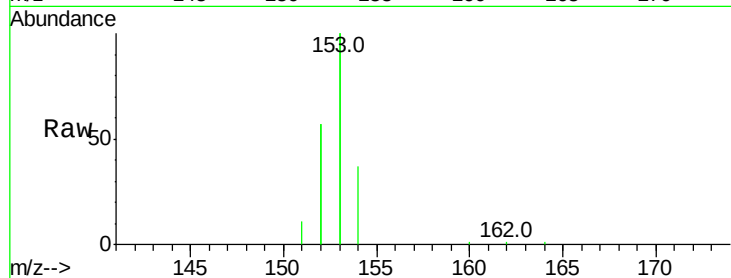




#17  
Acenaphthene  
Concen: 0.83 ng  
RT: 14.44 min Scan# 904  
Delta R.T. -0.02 min  
Lab File: BE092992.D  
Acq: 11 May 2017 12:37

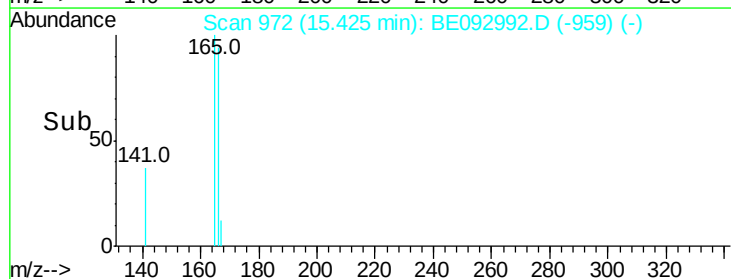
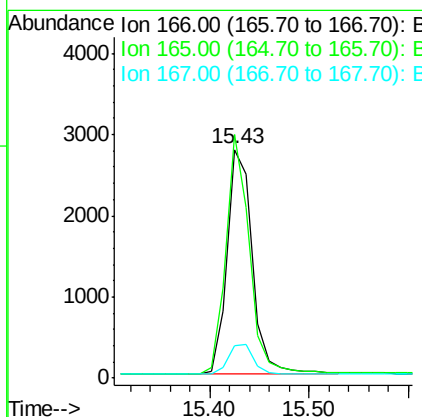
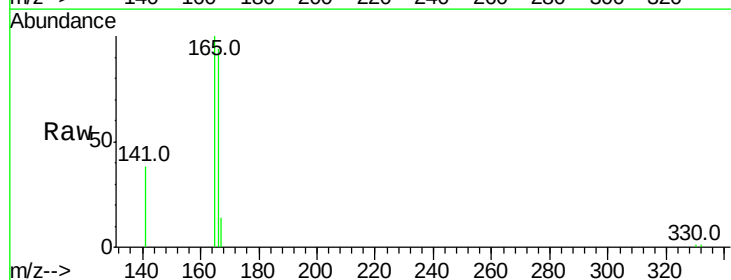
Instrument :  
BNA\_E  
ClientSampleId :

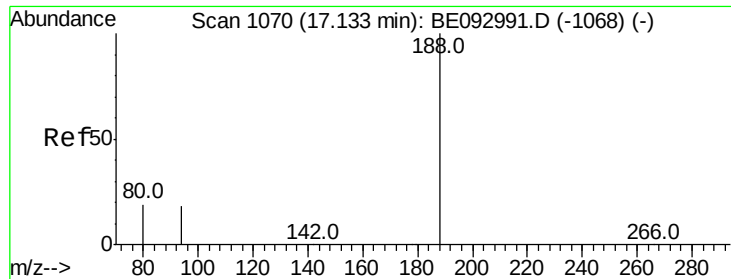
Tot Ion:154 Resp: 3837  
Ion Ratio Lower Upper  
154 100  
153 459.3 367.8 551.6  
152 233.1 188.2 282.2



#18  
Fluorene  
Concen: 0.85 ng  
RT: 15.43 min Scan# 972  
Delta R.T. 0.00 min  
Lab File: BE092992.D  
Acq: 11 May 2017 12:37

Tgt Ion:166 Resp: 4945  
Ion Ratio Lower Upper  
166 100  
165 98.6 78.6 117.8  
167 13.9 11.1 16.7

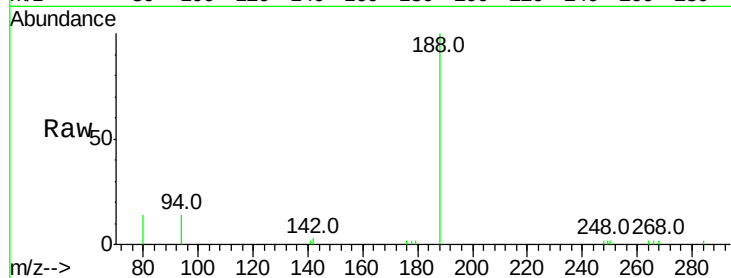




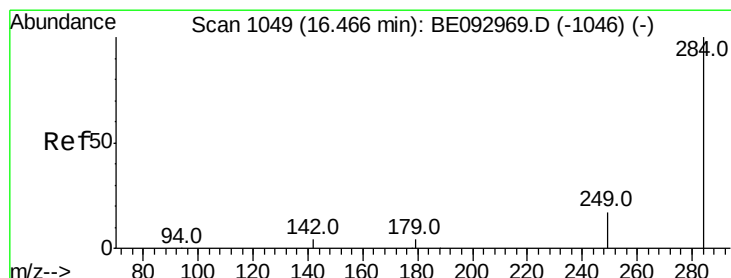
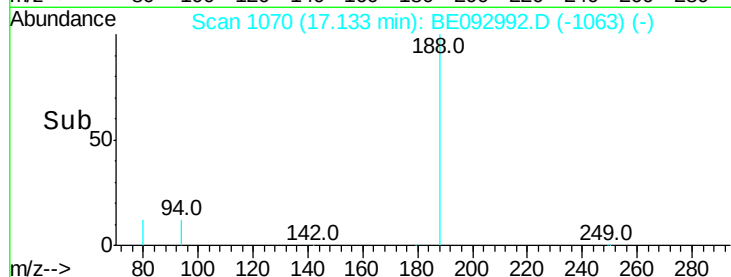
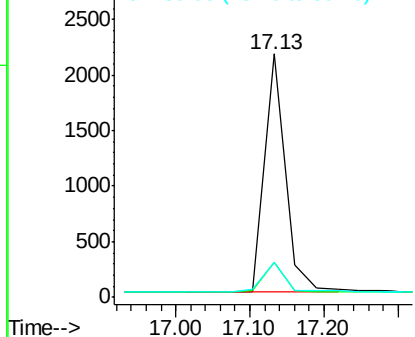
#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.13 min Scan# 1070  
Delta R.T. -0.00 min  
Lab File: BE092992.D  
Acq: 11 May 2017 12:37

Instrument :  
BNA\_E  
ClientSampleId :

Tot Ion:188 Resp: 4251  
Ion Ratio Lower Upper  
188 100  
94 14.1 11.3 16.9  
80 14.5 11.7 17.5

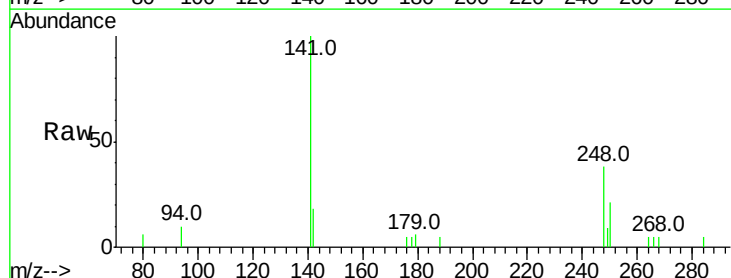


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BE0  
Ion 80.00 (79.70 to 80.70): BE0

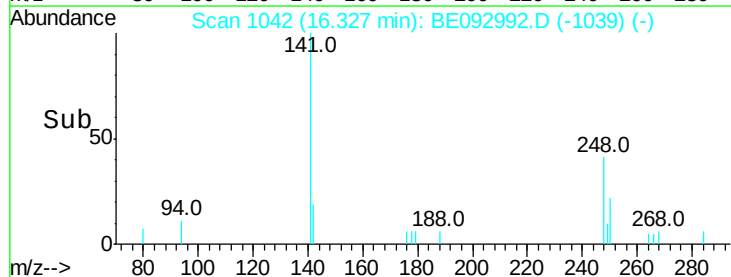
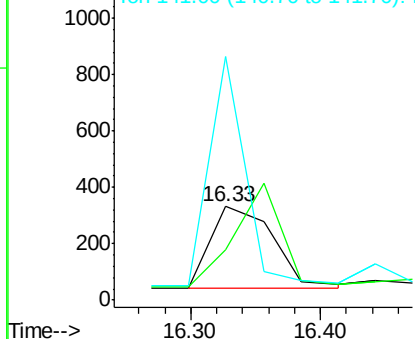


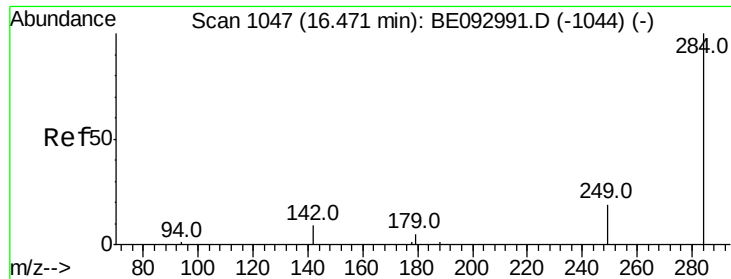
#20  
4-Bromophenyl-phenylether  
Concen: 0.71 ng  
RT: 16.33 min Scan# 1042  
Delta R.T. -0.03 min  
Lab File: BE092992.D  
Acq: 11 May 2017 12:37

Tgt Ion:248 Resp: 963  
Ion Ratio Lower Upper  
248 100  
250 53.9 100.0 150.0#  
141 260.2 40.0 60.0#



Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.68 ng

RT: 16.47 min Scan# 1047

Delta R.T. 0.01 min

Lab File: BE092992.D

Acq: 11 May 2017 12:37

Instrument :

BNA\_E

ClientSampleId :

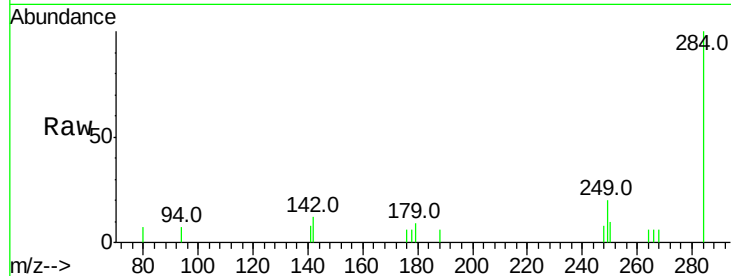
Tot Ion:284 Resp: 1448

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

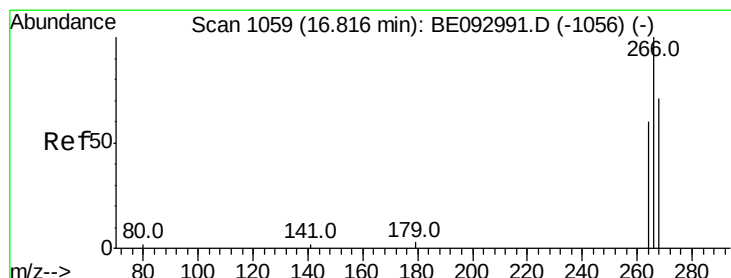
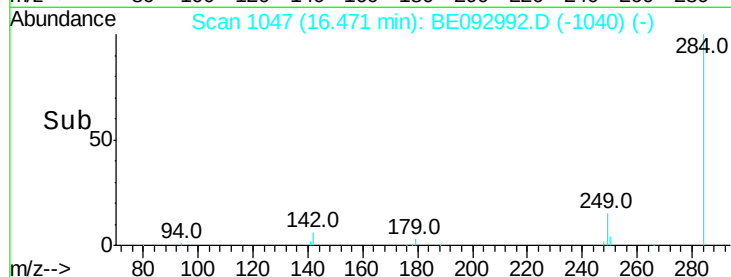
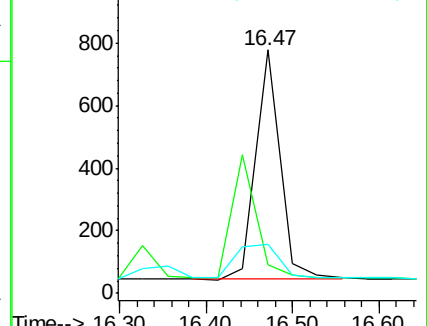
249 26.2 0.0 0.0#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.51 ng

RT: 16.82 min Scan# 1059

Delta R.T. 0.01 min

Lab File: BE092992.D

Acq: 11 May 2017 12:37

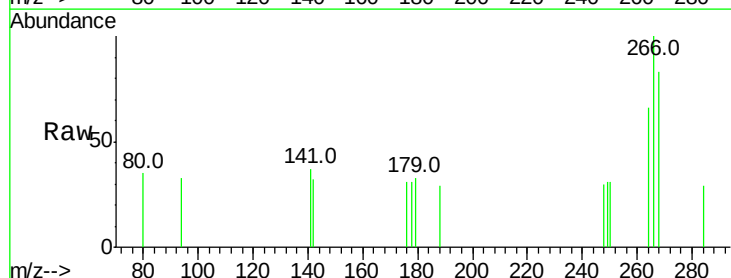
Tgt Ion:266 Resp: 328

Ion Ratio Lower Upper

266 100

264 66.0 58.2 87.2

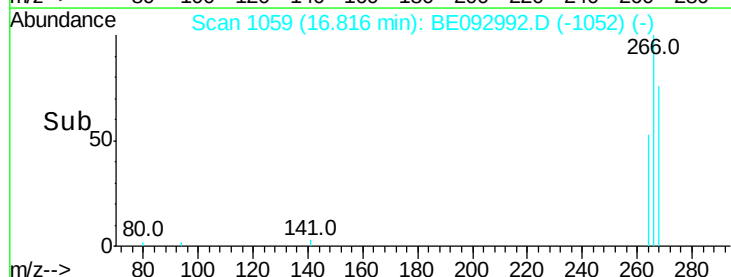
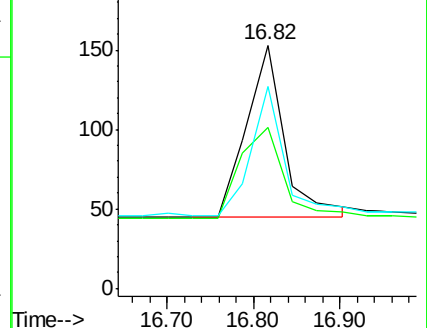
268 83.0 71.9 107.9

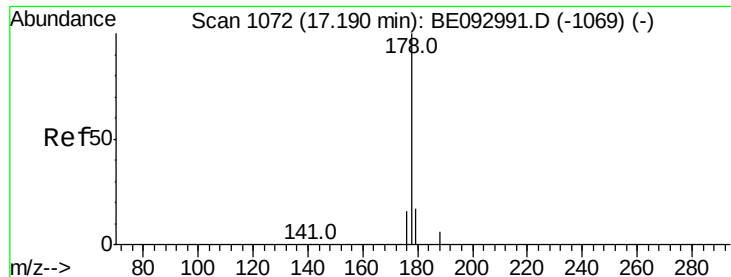


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.64 ng

RT: 17.19 min Scan# 1072

Delta R.T. 0.01 min

Lab File: BE092992.D

Acq: 11 May 2017 12:37

Instrument :

BNA\_E

ClientSampleId :

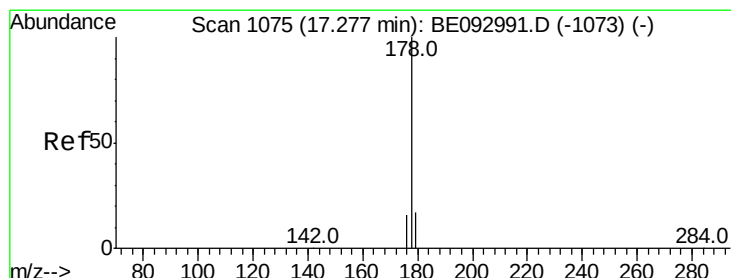
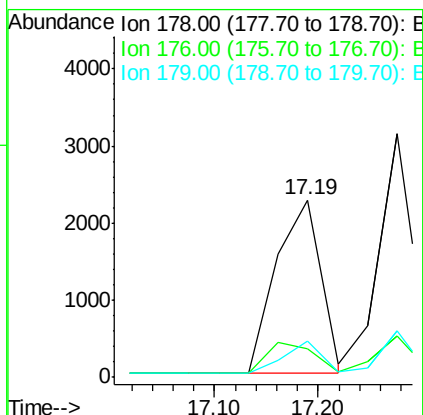
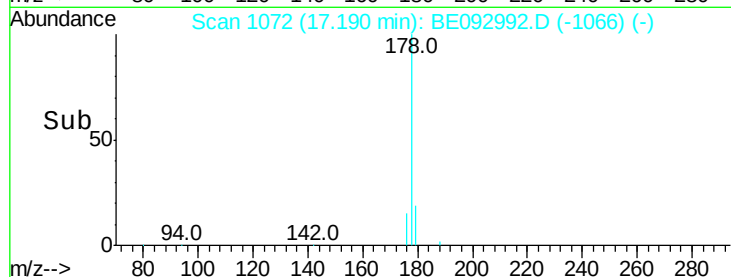
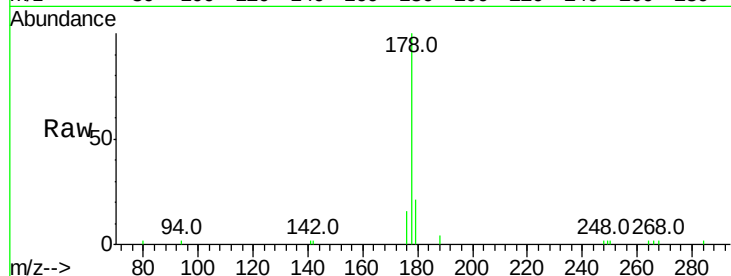
Tot Ion:178 Resp: 6760

Ion Ratio Lower Upper

178 100

176 0.0 15.0 22.4#

179 15.8 12.7 19.1



#24

Anthracene

Concen: 0.74 ng

RT: 17.28 min Scan# 1075

Delta R.T. 0.00 min

Lab File: BE092992.D

Acq: 11 May 2017 12:37

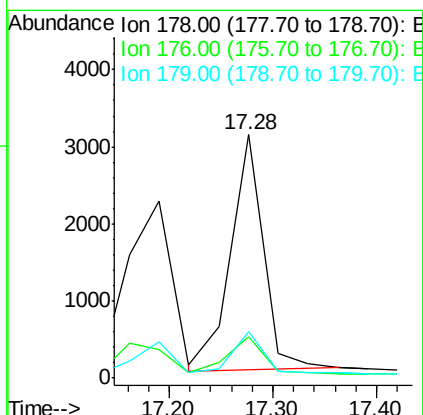
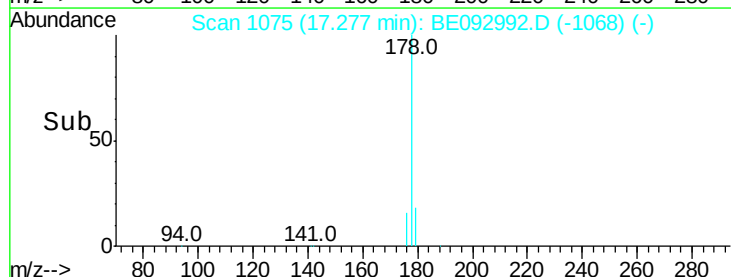
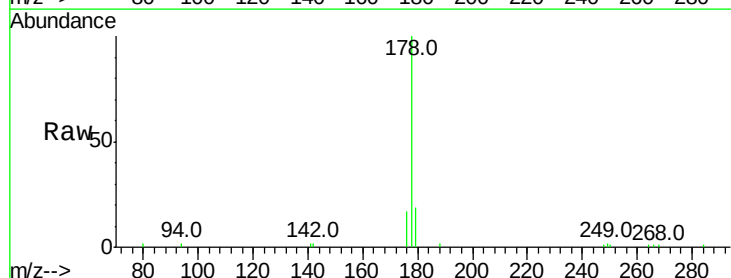
Tgt Ion:178 Resp: 6751

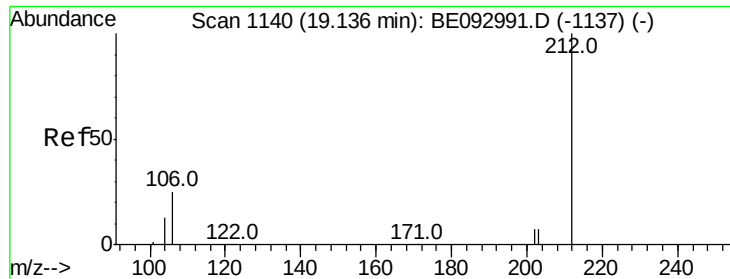
Ion Ratio Lower Upper

178 100

176 17.7 14.6 22.0

179 16.6 12.0 18.0

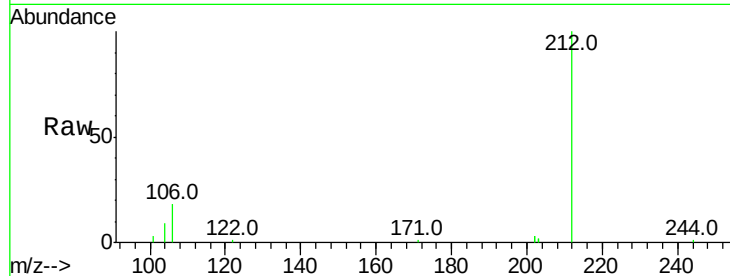




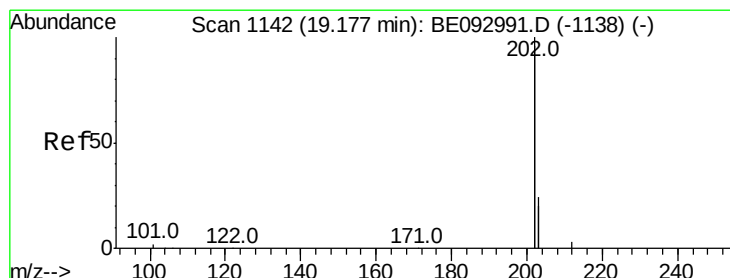
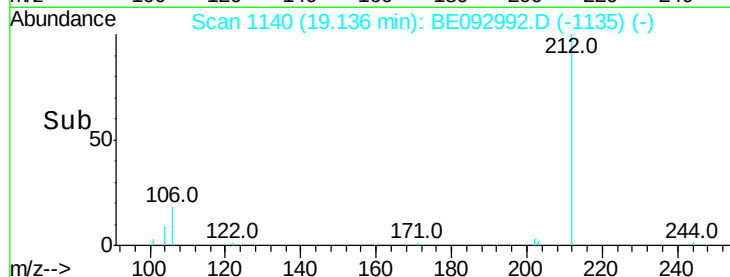
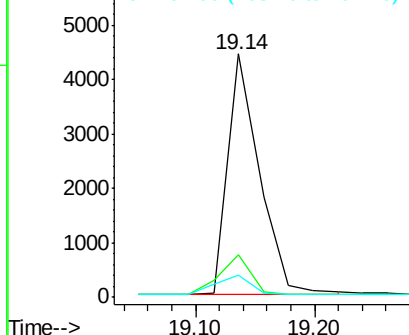
#25  
 Fluoranthene-d10  
 Concen: 0.73 ng  
 RT: 19.14 min Scan# 1140  
 Delta R.T. -0.01 min  
 Lab File: BE092992.D  
 Acq: 11 May 2017 12:37

Instrument :  
 BNA\_E  
 ClientSampleId :

Tot Ion:212 Resp: 8216  
 Ion Ratio Lower Upper  
 212 100  
 106 16.6 0.0 0.0#  
 104 9.1 0.0 0.0#

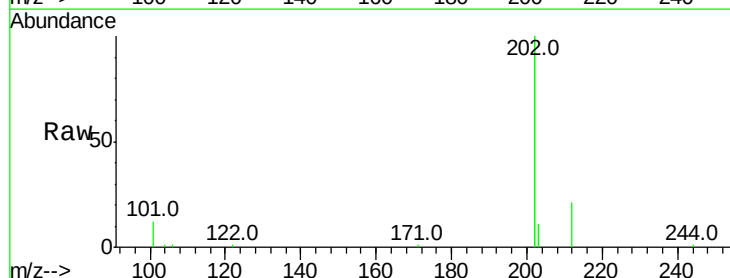


Abundance Ion 212.00 (211.70 to 212.70): E  
 Ion 106.00 (105.70 to 106.70): E  
 Ion 104.00 (103.70 to 104.70): E

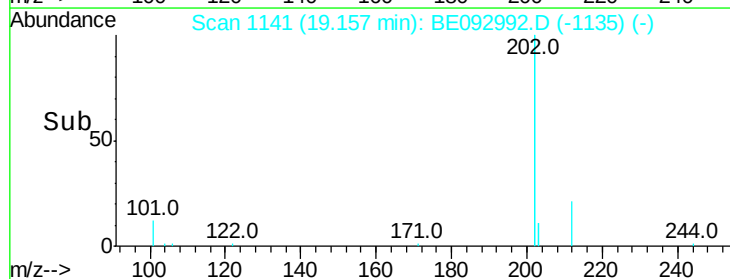
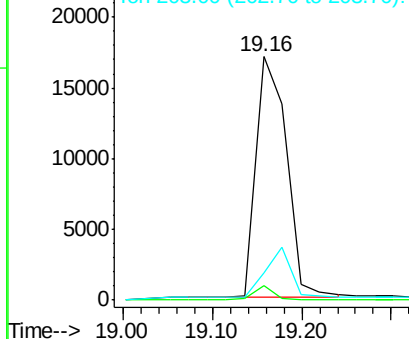


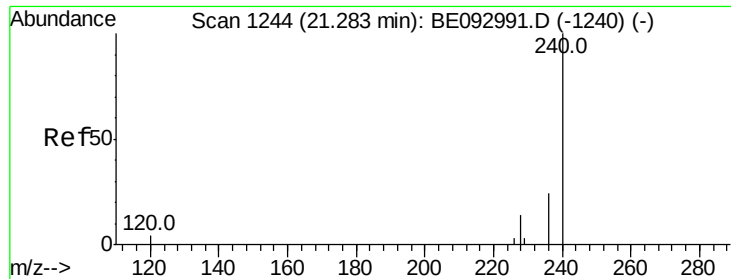
#26  
 Fluoranthene  
 Concen: 0.73 ng  
 RT: 19.16 min Scan# 1141  
 Delta R.T. -0.02 min  
 Lab File: BE092992.D  
 Acq: 11 May 2017 12:37

Tgt Ion:202 Resp: 40484  
 Ion Ratio Lower Upper  
 202 100  
 101 3.7 0.0 0.0#  
 203 0.0 14.4 21.6#



Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 101.00 (100.70 to 101.70): E  
 Ion 203.00 (202.70 to 203.70): E

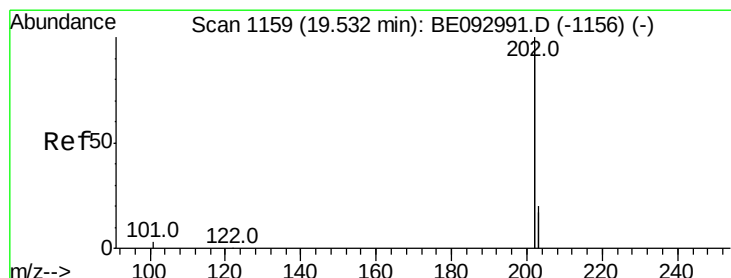
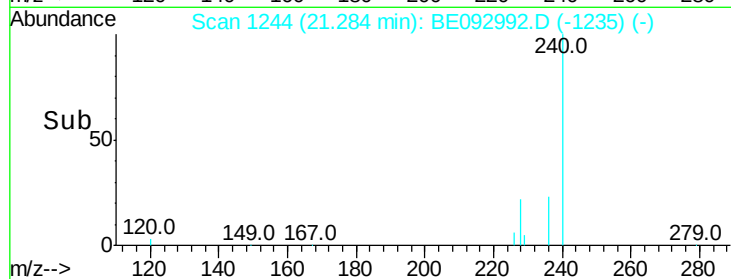
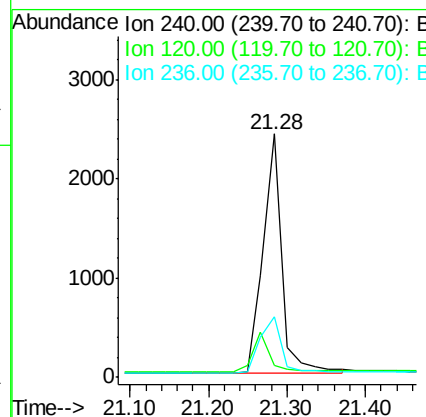
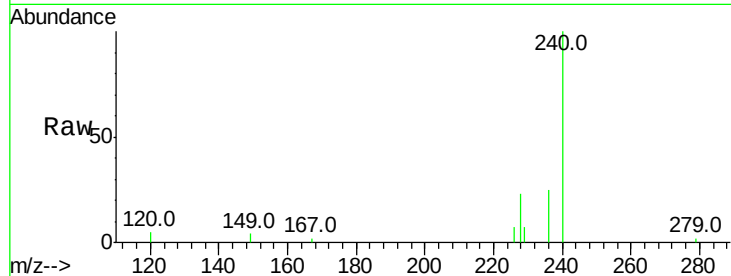




#27  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.28 min Scan# 1244  
Delta R.T. 0.00 min  
Lab File: BE092992.D  
Acq: 11 May 2017 12:37

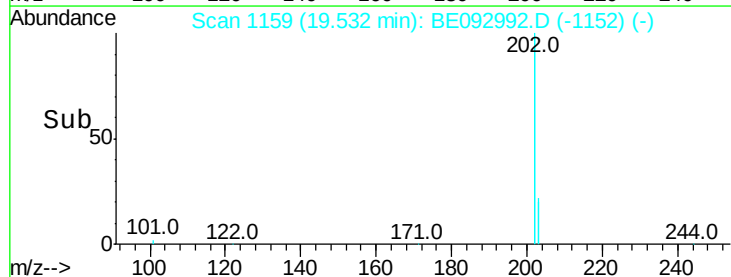
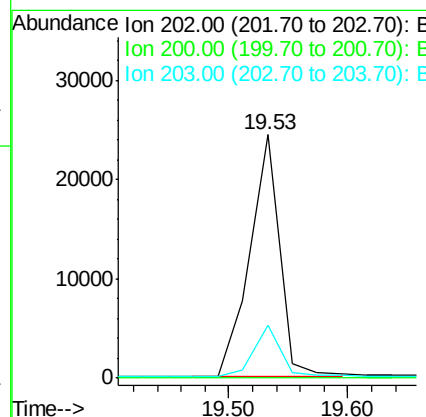
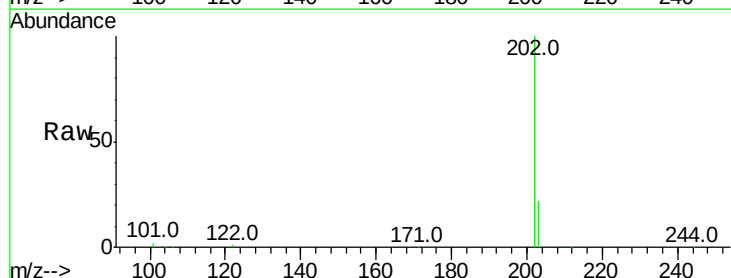
Instrument :  
BNA\_E  
ClientSampleId :

Tot Ion:240 Resp: 4030  
Ion Ratio Lower Upper  
240 100  
120 4.9 4.6 7.0  
236 24.9 20.8 31.2

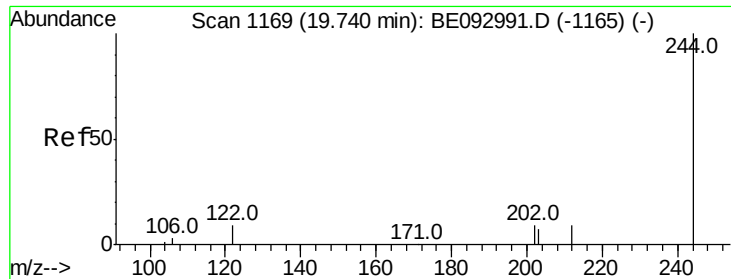


#28  
Pyrene  
Concen: 0.82 ng  
RT: 19.53 min Scan# 1159  
Delta R.T. 0.01 min  
Lab File: BE092992.D  
Acq: 11 May 2017 12:37

Tgt Ion:202 Resp: 42211  
Ion Ratio Lower Upper  
202 100  
200 0.0 0.0 0.0  
203 18.6 13.7 20.5







#29

Terphenyl-d14

Concen: 0.86 ng

RT: 19.74 min Scan# 1169

Delta R.T. 0.01 min

Lab File: BE092992.D

Acq: 11 May 2017 12:37

Instrument :

BNA\_E

ClientSampled :

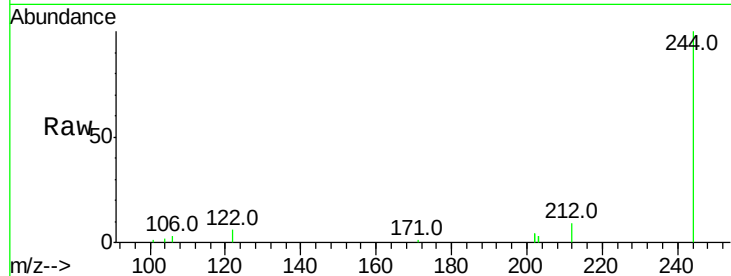
Tot Ion:244 Resp: 6037

Ion Ratio Lower Upper

244 100

212 9.4 10.6 16.0#

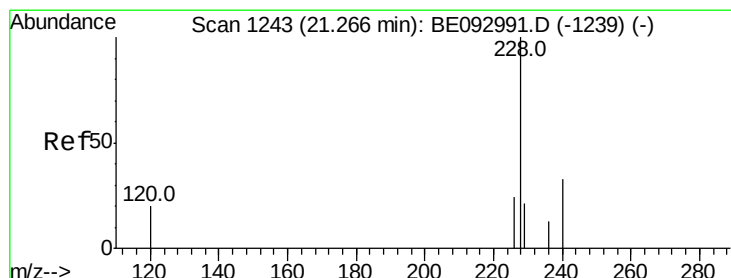
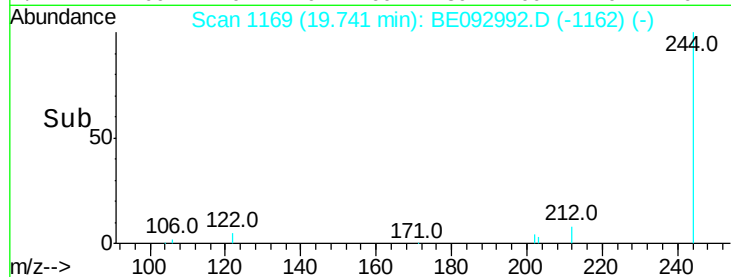
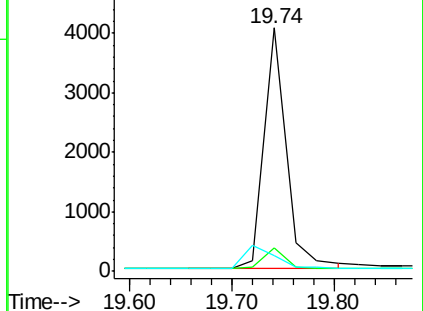
122 6.2 15.4 23.0#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.84 ng

RT: 21.27 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BE092992.D

Acq: 11 May 2017 12:37

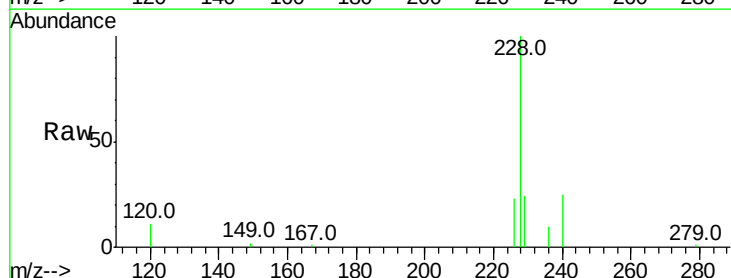
Tgt Ion:228 Resp: 8060

Ion Ratio Lower Upper

228 100

226 22.8 19.7 29.5

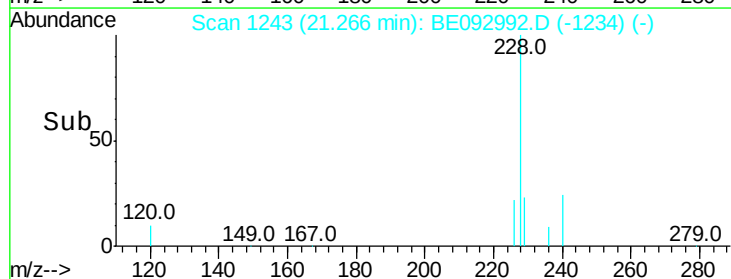
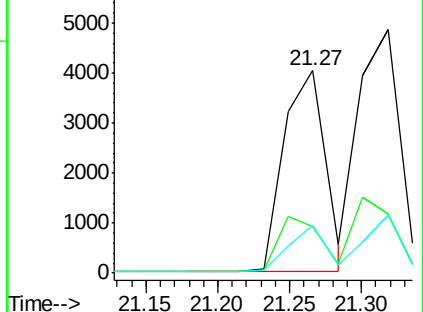
229 23.9 19.2 28.8

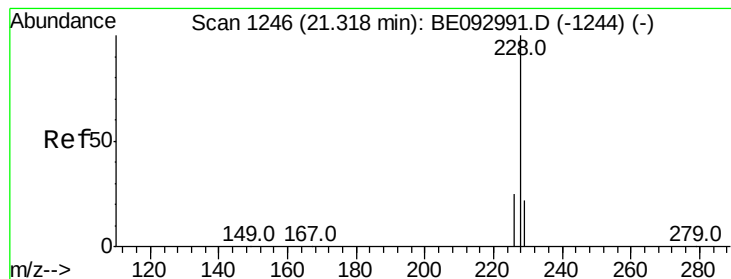


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.81 ng

RT: 21.32 min Scan# 1246

Delta R.T. 0.00 min

Lab File: BE092992.D

Acq: 11 May 2017 12:37

Instrument :

BNA\_E

ClientSampleId :

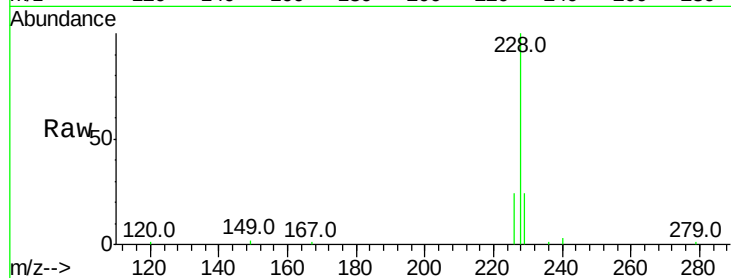
Tot Ion:228 Resp: 10148

Ion Ratio Lower Upper

228 100

226 24.4 21.5 32.3

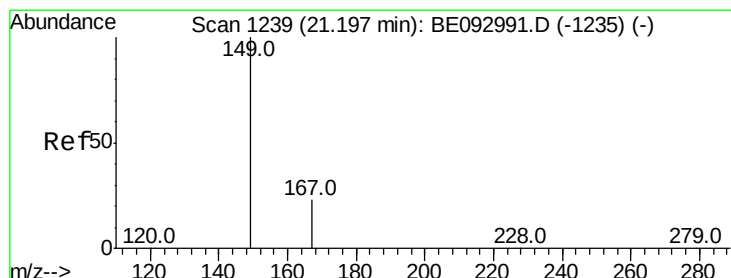
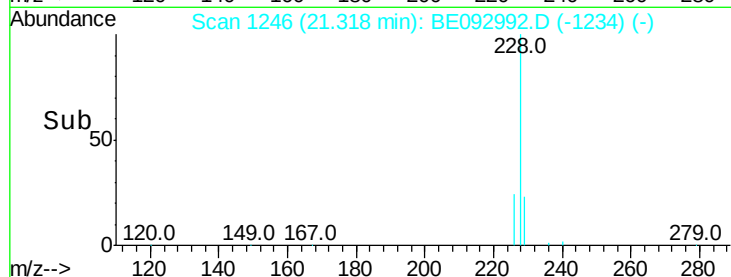
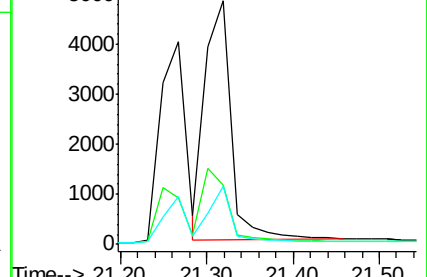
229 23.8 18.6 28.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.68 ng

RT: 21.20 min Scan# 1239

Delta R.T. 0.00 min

Lab File: BE092992.D

Acq: 11 May 2017 12:37

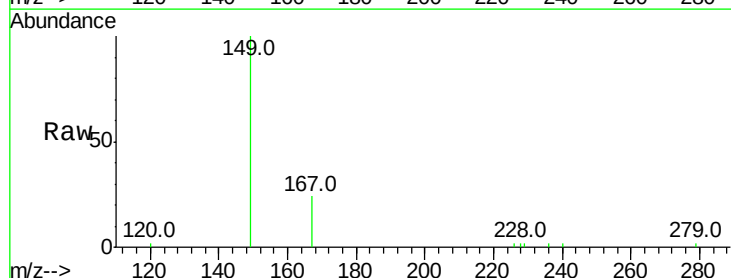
Tgt Ion:149 Resp: 2911

Ion Ratio Lower Upper

149 100

167 23.9 20.1 30.1

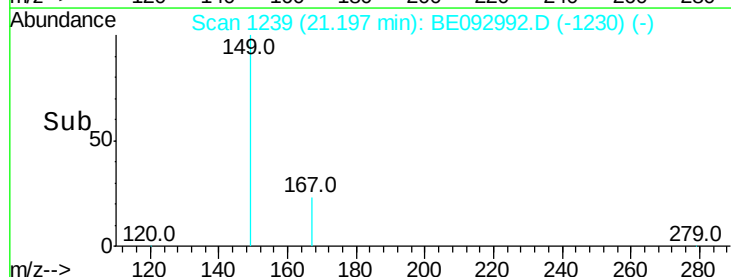
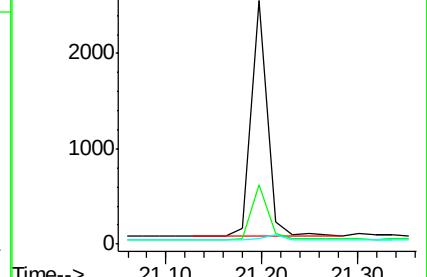
279 2.6 2.2 3.4

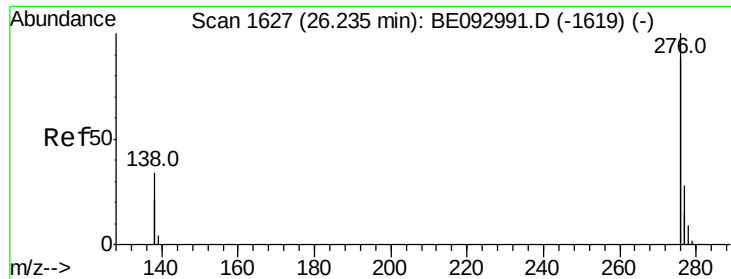


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.81 ng

RT: 26.24 min Scan# 1627

Delta R.T. 0.00 min

Lab File: BE092992.D

Acq: 11 May 2017 12:37

Instrument :

BNA\_E

ClientSampleId :

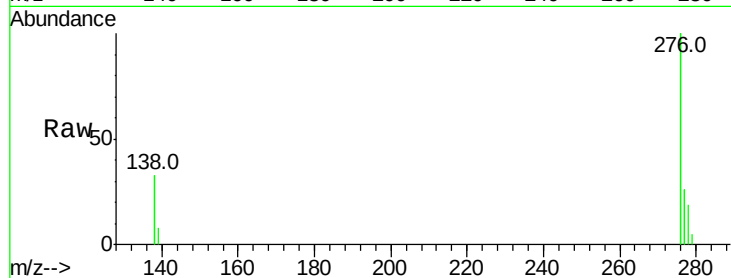
Tot Ion:276 Resp: 31765

Ion Ratio Lower Upper

276 100

138 32.9 27.4 41.2

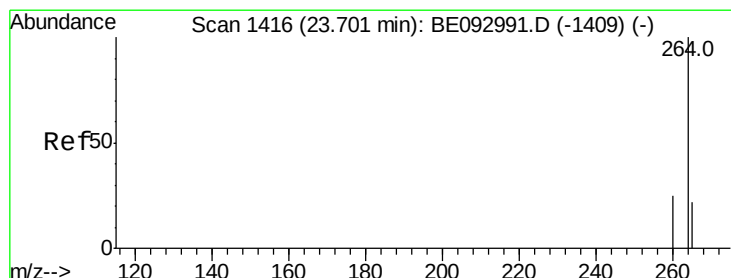
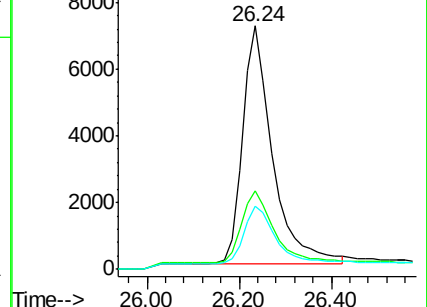
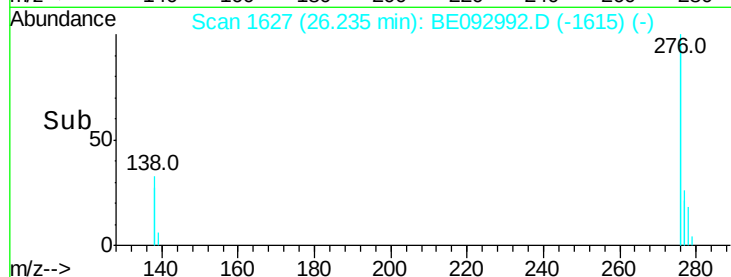
277 24.9 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34

Perylene-d12

Concen: 0.40 ng

RT: 23.70 min Scan# 1416

Delta R.T. 0.00 min

Lab File: BE092992.D

Acq: 11 May 2017 12:37

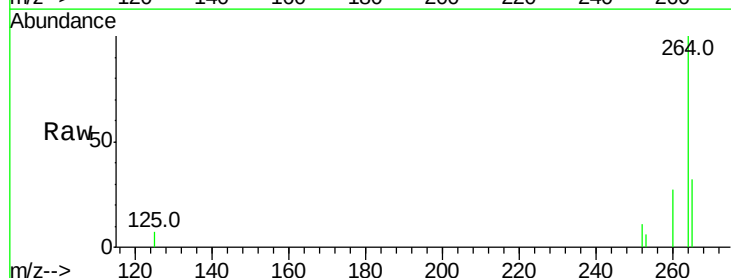
Tgt Ion:264 Resp: 3120

Ion Ratio Lower Upper

264 100

260 26.6 21.0 31.4

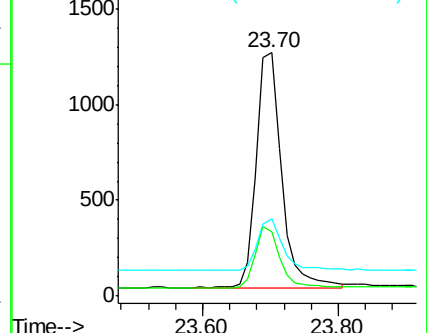
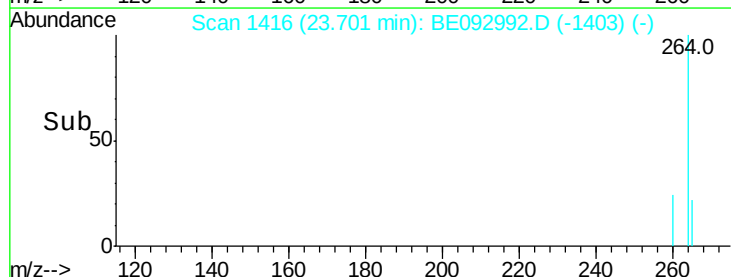
265 31.8 24.6 36.8

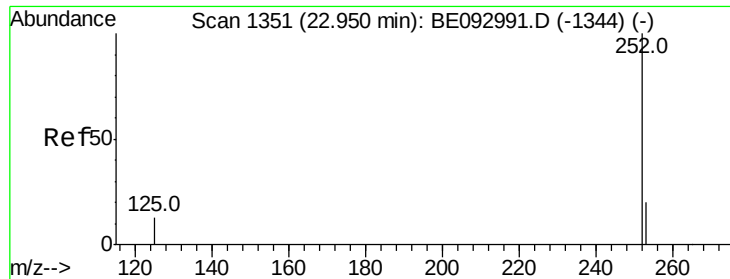


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.83 ng

RT: 22.95 min Scan# 1351

Delta R.T. 0.00 min

Lab File: BE092992.D

Acq: 11 May 2017 12:37

Instrument :

BNA\_E

ClientSampleId :

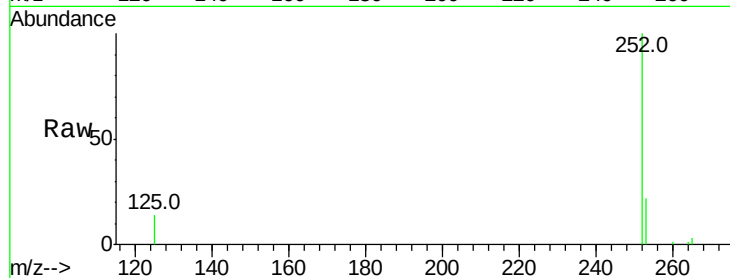
Tot Ion:252 Resp: 8209

Ion Ratio Lower Upper

252 100

253 21.9 18.5 27.7

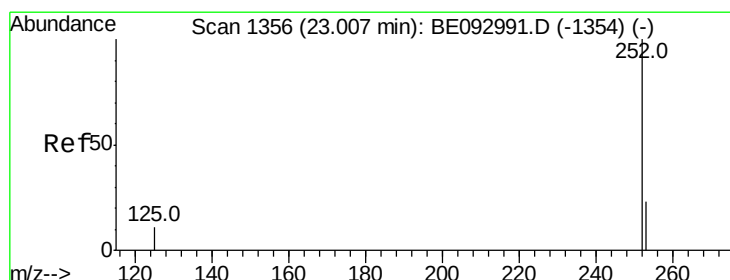
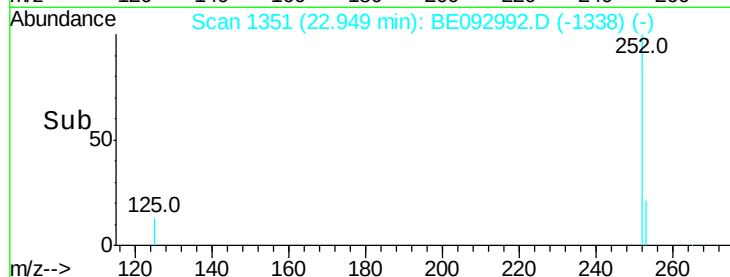
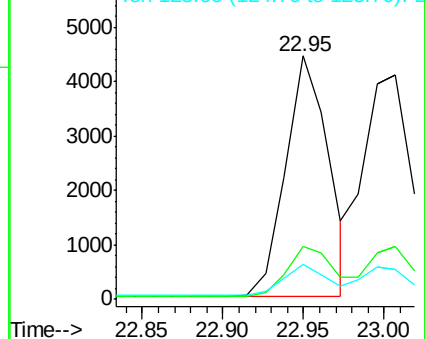
125 14.3 13.4 20.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.90 ng

RT: 23.01 min Scan# 1356

Delta R.T. 0.00 min

Lab File: BE092992.D

Acq: 11 May 2017 12:37

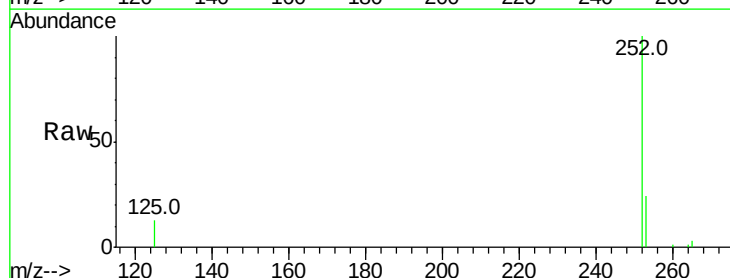
Tgt Ion:252 Resp: 8812

Ion Ratio Lower Upper

252 100

253 23.9 20.3 30.5

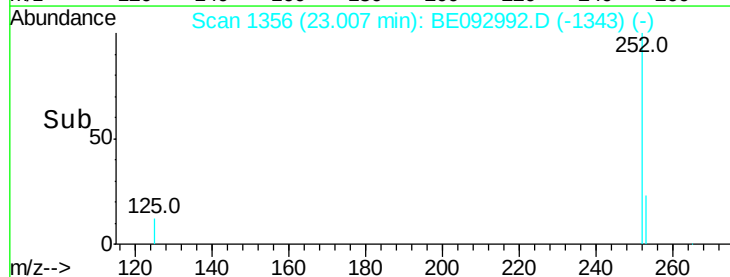
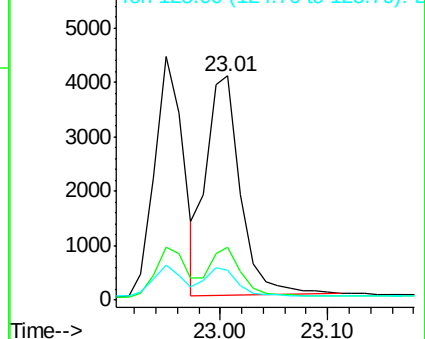
125 13.3 12.2 18.4

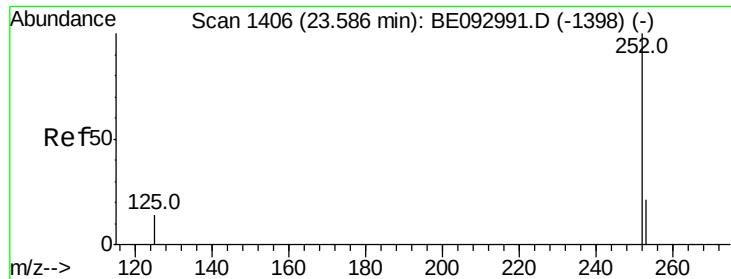


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.83 ng

RT: 23.59 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BE092992.D

Acq: 11 May 2017 12:37

Instrument :

BNA\_E

ClientSampleId :

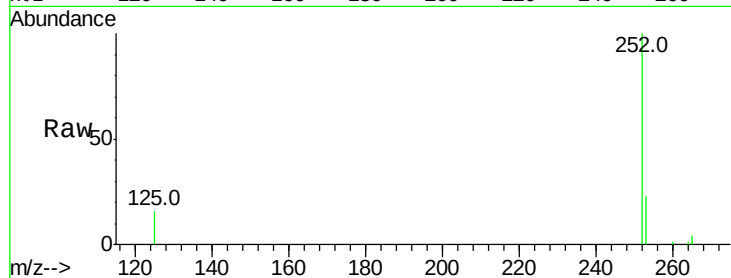
Tot Ion:252 Resp: 7127

Ion Ratio Lower Upper

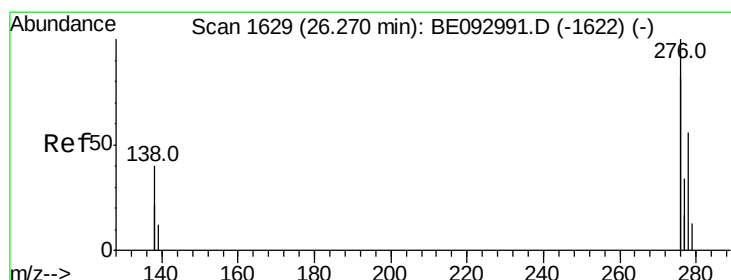
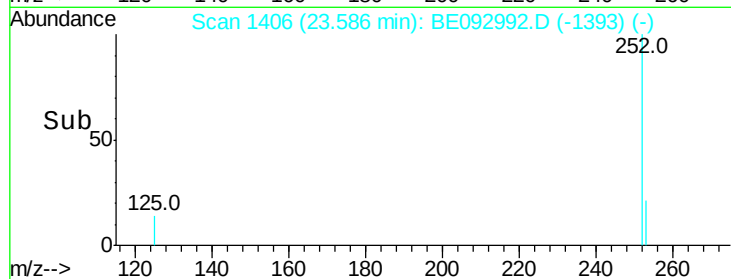
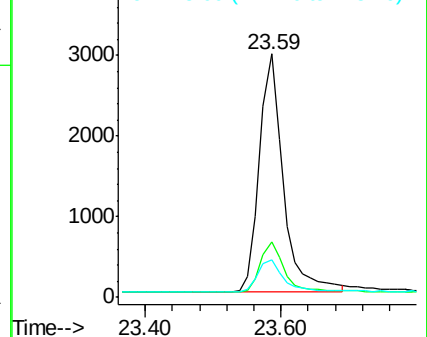
252 100

253 22.9 19.9 29.9

125 15.6 14.6 21.8



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



#38

Dibenzo(a,h)anthracene

Concen: 0.86 ng

RT: 26.27 min Scan# 1629

Delta R.T. 0.02 min

Lab File: BE092992.D

Acq: 11 May 2017 12:37

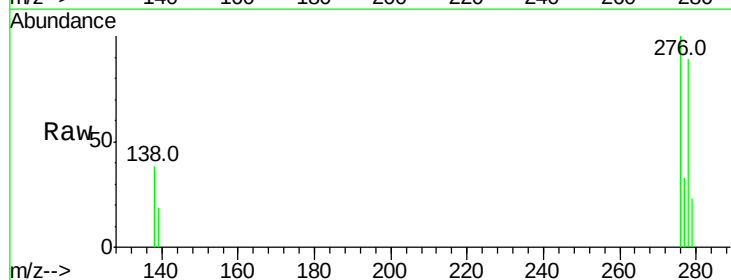
Tgt Ion:278 Resp: 6679

Ion Ratio Lower Upper

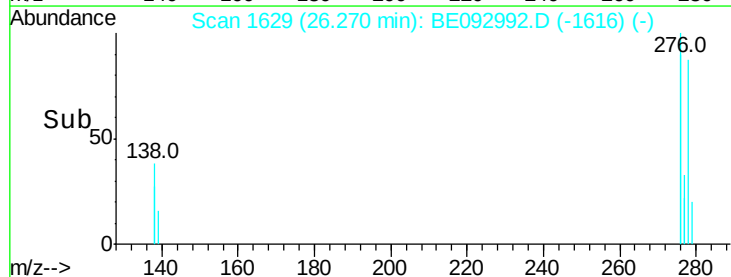
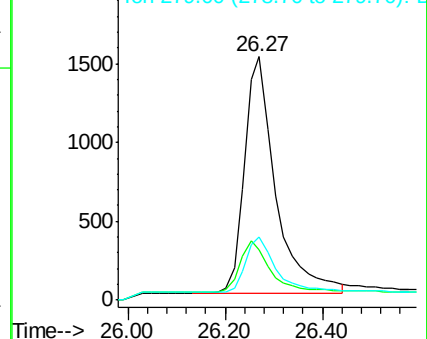
278 100

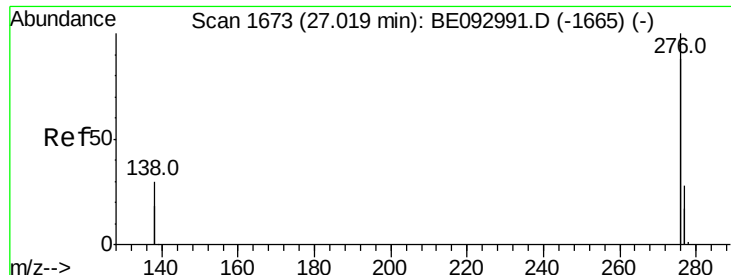
139 20.8 21.4 32.0#

279 25.8 22.2 33.2



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





#39

Benzo(a,h,i)perylene

Concen: 0.85 ng

RT: 27.00 min Scan# 1672

Delta R.T. 0.00 min

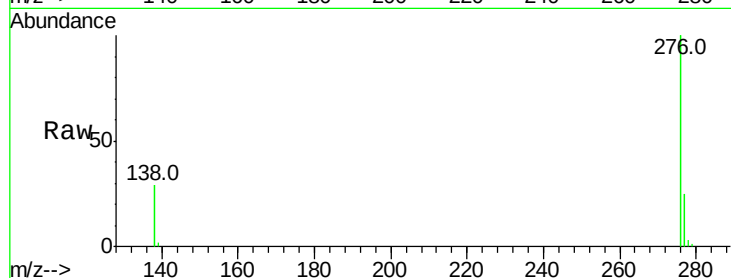
Lab File: BE092992.D

Acq: 11 May 2017 12:37

Instrument :

BNA\_E

ClientSampleId :



Tot Ion:276 Resp: 30395

Ion Ratio Lower Upper

276 100

277 24.5 21.2 31.8

138 29.4 24.5 36.7

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

