

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA\_E\DATA\BE012318\  
 Data File : BE095091.D  
 Acq On : 23 Jan 2018 11:19  
 Operator : SJ/JU  
 Sample : SSTDICC0.1  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.1

Quant Time: Jan 23 13:21:19 2018  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE012318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 23 13:15:11 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.46  | 152  | 5436     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 11.31 | 136  | 12827    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 15.03 | 164  | 7276     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.74 | 188  | 17336    | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.84 | 240  | 16054    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 24.49 | 264  | 14239    | 0.40 | ng    | 0.00     |

|                             |       |     |       |      |    |       |
|-----------------------------|-------|-----|-------|------|----|-------|
| System Monitoring Compounds |       |     |       |      |    |       |
| 4) 2-Fluorophenol           | 5.94  | 112 | 906   | 0.11 | ng | 0.00  |
| 5) Phenol-d6                | 7.59  | 99  | 1313  | 0.10 | ng | 0.01  |
| 8) Nitrobenzene-d5          | 9.56  | 82  | 109   | 0.01 | ng | -0.07 |
| 11) 2-Methylnaphthalene-d10 | 12.84 | 152 | 2137  | 0.10 | ng | 0.00  |
| 14) 2,4,6-Tribromophenol    | 16.50 | 330 | 136   | 0.08 | ng | 0.00  |
| 15) 2-Fluorobiphenyl        | 13.68 | 172 | 3252  | 0.10 | ng | 0.00  |
| 25) Fluoranthene-d10        | 19.72 | 212 | 20955 | 0.09 | ng | 0.00  |
| 29) Terphenyl-d14           | 20.28 | 244 | 3280  | 0.11 | ng | 0.00  |

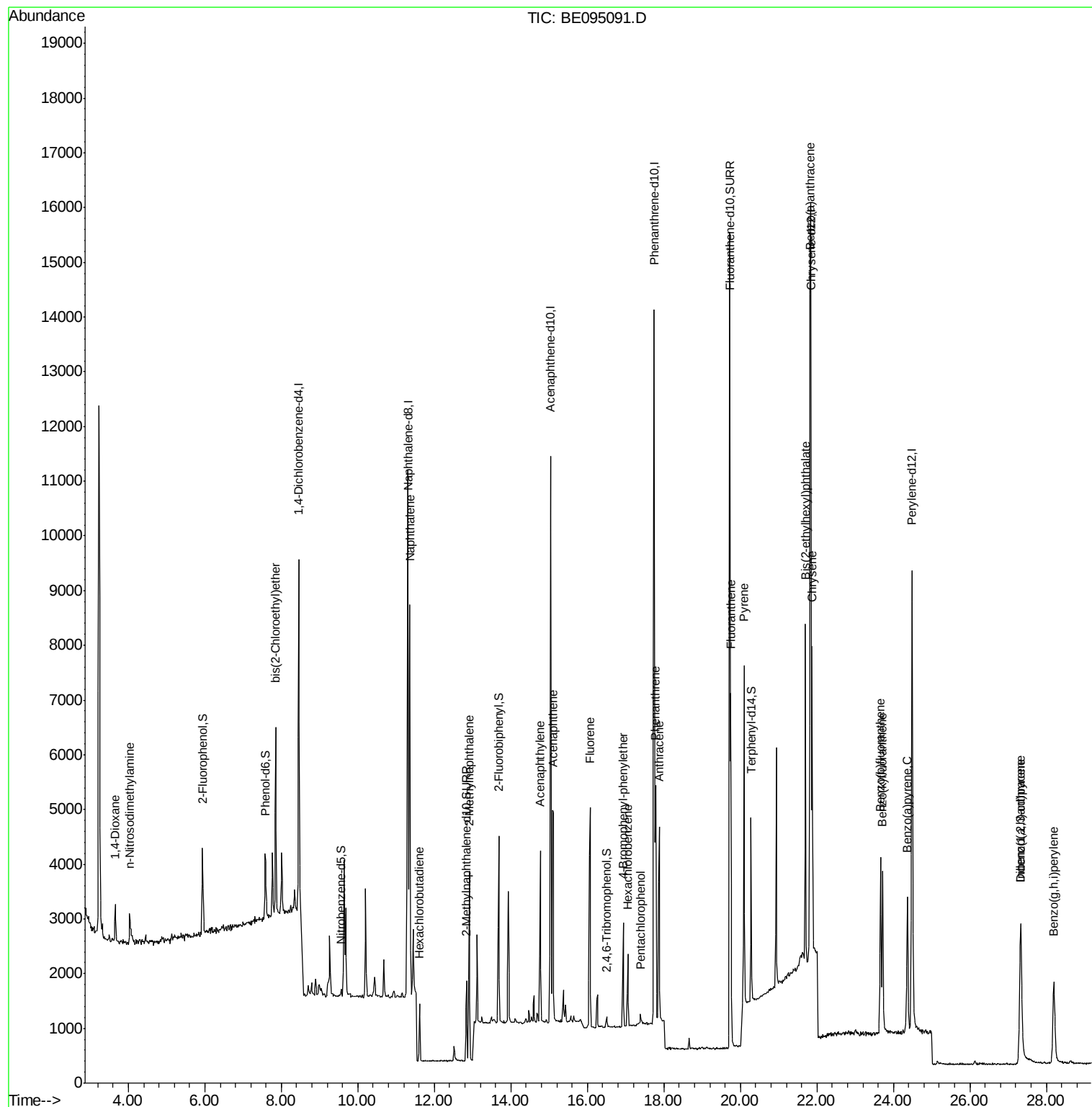
|                                |       |     |       |        |    |      |
|--------------------------------|-------|-----|-------|--------|----|------|
| Target Compounds               |       |     |       | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.66  | 88  | 675   | 0.126  | ng | # 77 |
| 3) n-Nitrosodimethylamine      | 4.03  | 42  | 573   | 0.091  | ng | # 91 |
| 6) bis(2-Chloroethyl)ether     | 7.85  | 93  | 1172  | 0.096  | ng | 97   |
| 9) Naphthalene                 | 11.36 | 128 | 14785 | 0.098  | ng | 99   |
| 10) Hexachlorobutadiene        | 11.61 | 225 | 665   | 0.097  | ng | 98   |
| 12) 2-Methylnaphthalene        | 12.91 | 142 | 2485  | 0.066  | ng | 96   |
| 16) Acenaphthylene             | 14.76 | 152 | 3602  | 0.093  | ng | 100  |
| 17) Acenaphthene               | 15.10 | 154 | 2517  | 0.098  | ng | 95   |
| 18) Fluorene                   | 16.07 | 166 | 3103  | 0.097  | ng | # 80 |
| 20) 4-Bromophenyl-phenylether  | 16.94 | 248 | 982   | 0.097  | ng | # 85 |
| 21) Hexachlorobenzene          | 17.06 | 284 | 1044  | 0.101  | ng | # 85 |
| 22) Pentachlorophenol          | 17.40 | 266 | 180   | 0.091  | ng | 88   |
| 23) Phenanthrene               | 17.79 | 178 | 5168  | 0.096  | ng | 98   |
| 24) Anthracene                 | 17.88 | 178 | 4368  | 0.079  | ng | 95   |
| 26) Fluoranthene               | 19.75 | 202 | 5814  | 0.087  | ng | 98   |
| 28) Pyrene                     | 20.10 | 202 | 7078  | 0.130  | ng | 97   |
| 30) Benzo(a)anthracene         | 21.82 | 228 | 4856  | 0.104  | ng | 93   |
| 31) Chrysene                   | 21.87 | 228 | 5102  | 0.097  | ng | 98   |
| 32) Bis(2-ethylhexyl)phthalate | 21.70 | 149 | 7594  | 0.127  | ng | 98   |
| 33) Indeno(1,2,3-cd)pyrene     | 27.32 | 276 | 4396  | 0.102  | ng | 98   |
| 35) Benzo(b)fluoranthene       | 23.66 | 252 | 4934  | 0.094  | ng | # 94 |
| 36) Benzo(k)fluoranthene       | 23.72 | 252 | 4675  | 0.088  | ng | # 86 |
| 37) Benzo(a)pyrene             | 24.37 | 252 | 4393  | 0.095  | ng | # 87 |
| 38) Dibenzo(a,h)anthracene     | 27.34 | 278 | 3333  | 0.077  | ng | # 91 |
| 39) Benzo(g,h,i)perylene       | 28.19 | 276 | 4028  | 0.094  | ng | # 87 |

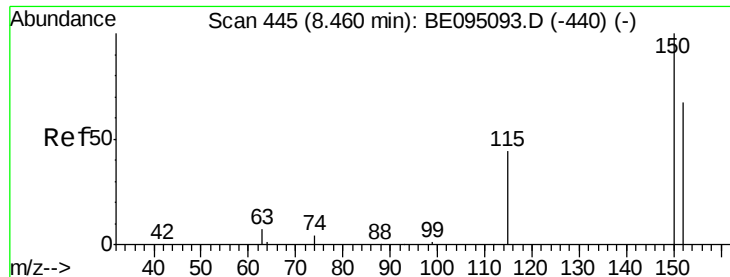
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jan 23 13:15:11 2018  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.46 min Scan# 445

Delta R.T. -0.00 min

Lab File: BE095091.D

Acq: 23 Jan 2018 11:19

Instrument :

BNA\_E

ClientSampleId :

SSTDICC0.1

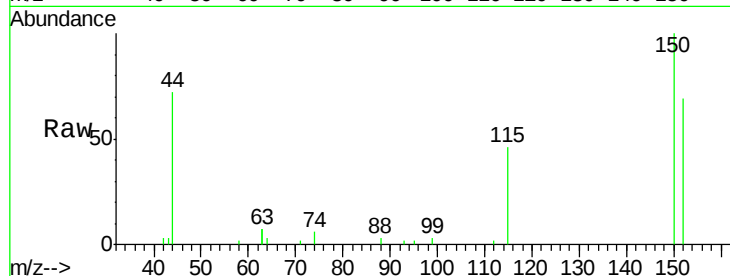
Tgt Ion:152 Resp: 5436

Ion Ratio Lower Upper

152 100

150 144.3 117.2 175.8

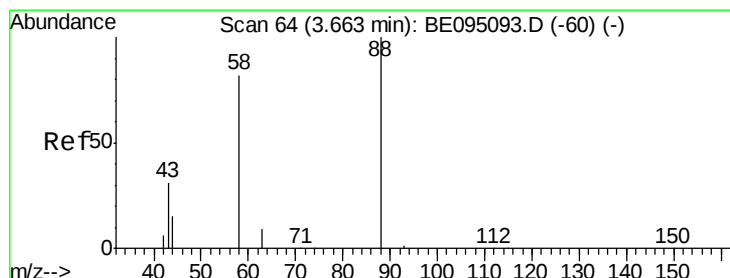
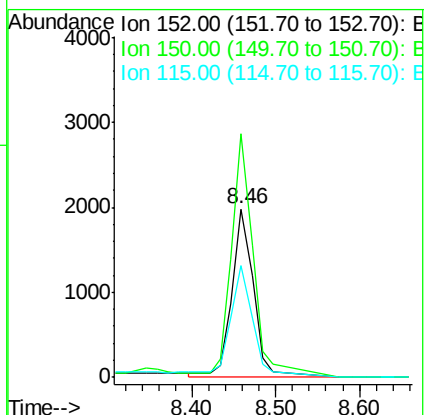
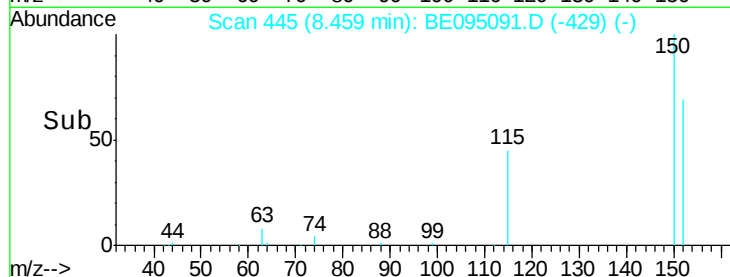
115 66.4 57.0 85.6



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: 0.126 ng

RT: 3.66 min Scan# 64

Delta R.T. -0.00 min

Lab File: BE095091.D

Acq: 23 Jan 2018 11:19

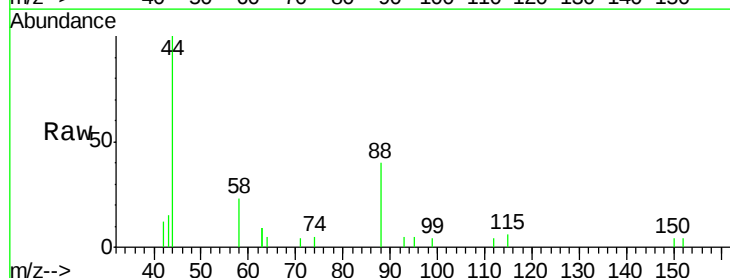
Tgt Ion: 88 Resp: 675

Ion Ratio Lower Upper

88 100

58 65.6 63.2 94.8

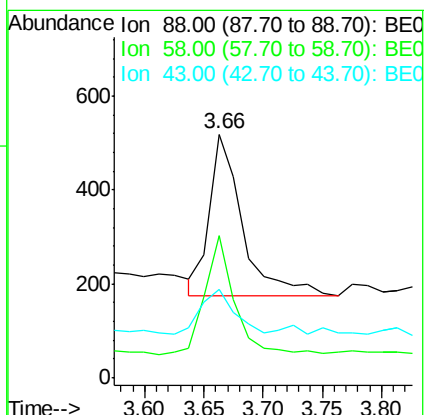
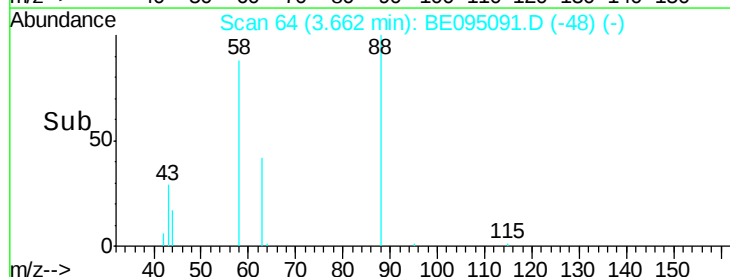
43 27.7 41.2 61.8#

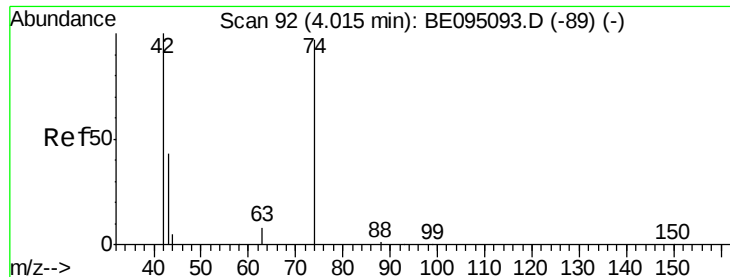


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



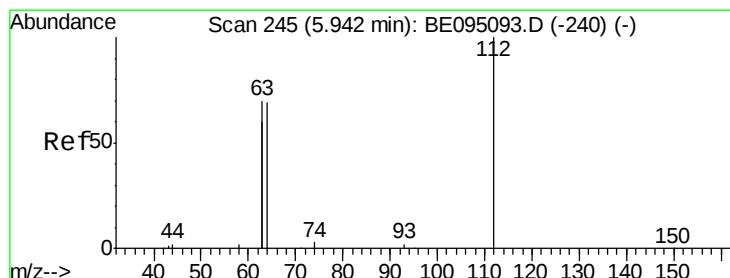
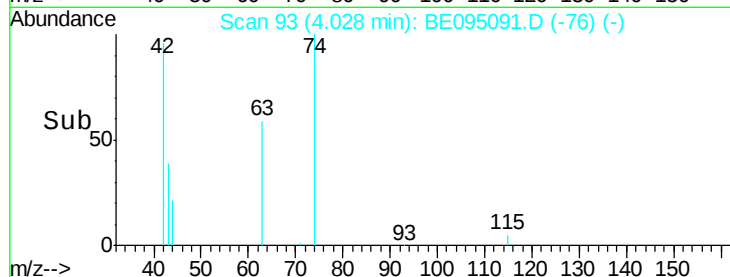
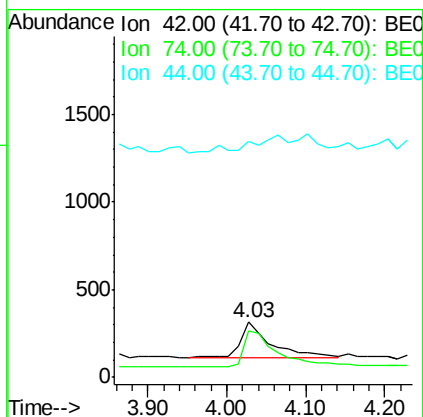
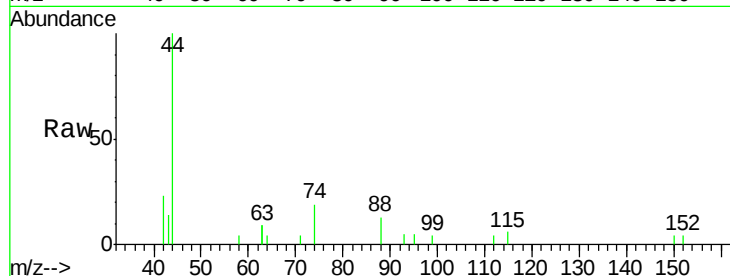


#3

n-Nitrosodimethylamine  
Concen: 0.091 ng  
RT: 4.03 min Scan# 93  
Delta R.T. 0.01 min  
Lab File: BE095091.D  
Acq: 23 Jan 2018 11:19

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.1

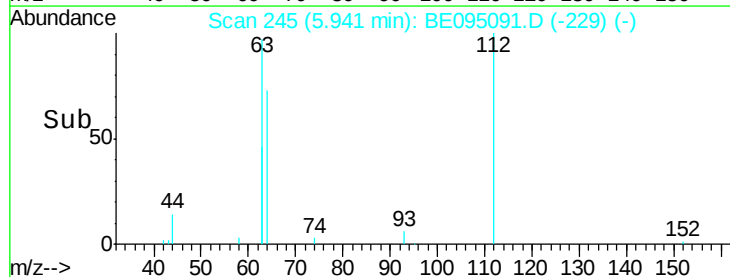
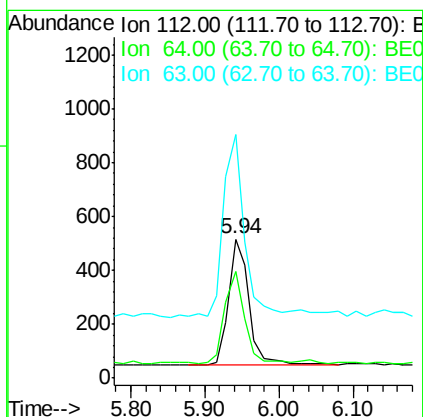
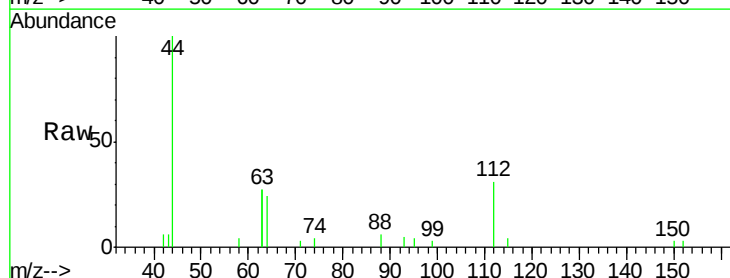
Tgt Ion: 42 Resp: 573  
Ion Ratio Lower Upper  
42 100  
74 113.8 96.0 144.0  
44 0.0 12.0 18.0#

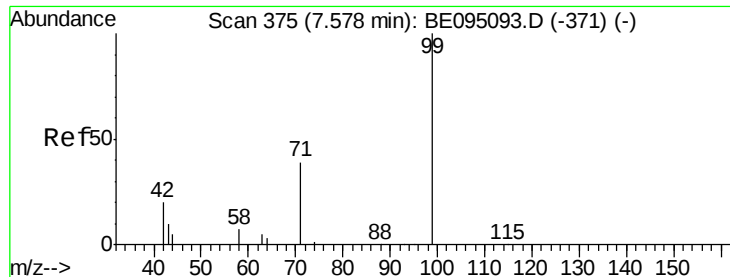


#4

2-Fluorophenol  
Concen: 0.107 ng  
RT: 5.94 min Scan# 245  
Delta R.T. -0.00 min  
Lab File: BE095091.D  
Acq: 23 Jan 2018 11:19

Tgt Ion: 112 Resp: 906  
Ion Ratio Lower Upper  
112 100  
64 70.4 60.1 90.1  
63 145.7 116.8 175.2





#5

Phenol-d6

Concen: 0.105 ng

RT: 7.59 min Scan# 376

Delta R.T. 0.01 min

Lab File: BE095091.D

Acq: 23 Jan 2018 11:19

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.1

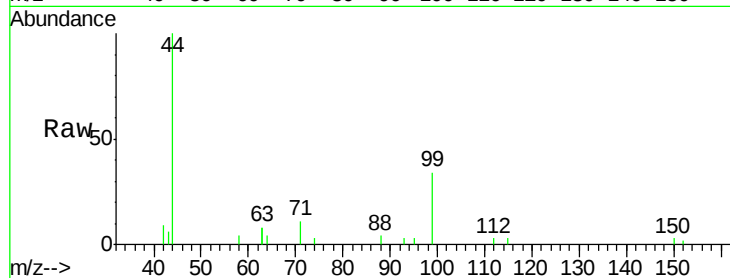
Tgt Ion: 99 Resp: 1313

Ion Ratio Lower Upper

99 100

42 27.1 20.2 30.2

71 38.9 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

7.59

600

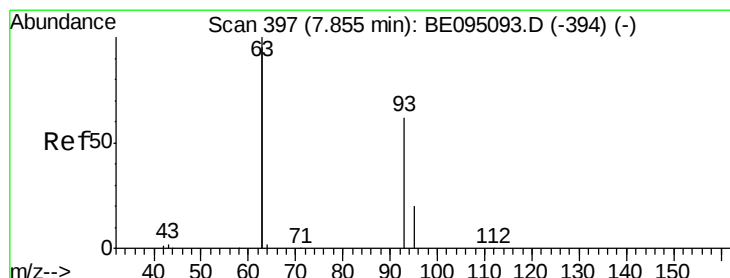
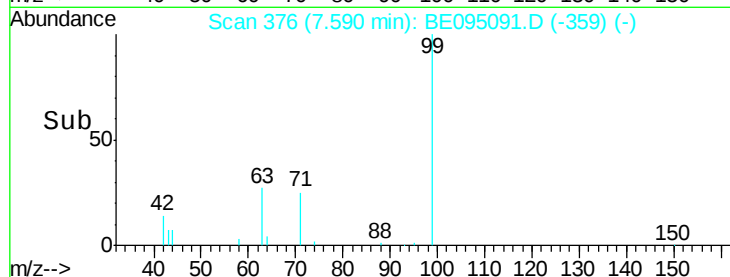
400

200

0

7.40 7.50 7.60 7.70 7.80

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.096 ng

RT: 7.85 min Scan# 397

Delta R.T. -0.00 min

Lab File: BE095091.D

Acq: 23 Jan 2018 11:19

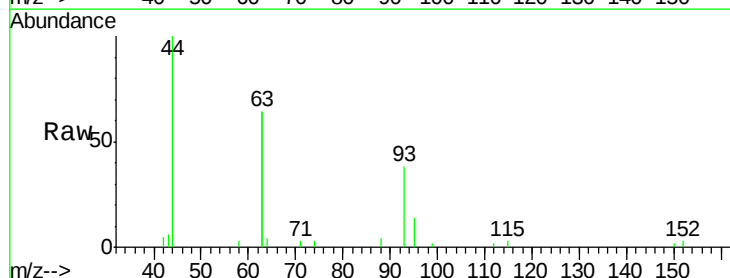
Tgt Ion: 93 Resp: 1172

Ion Ratio Lower Upper

93 100

63 338.5 275.3 412.9

95 33.3 25.2 37.8



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0

7.85

3000

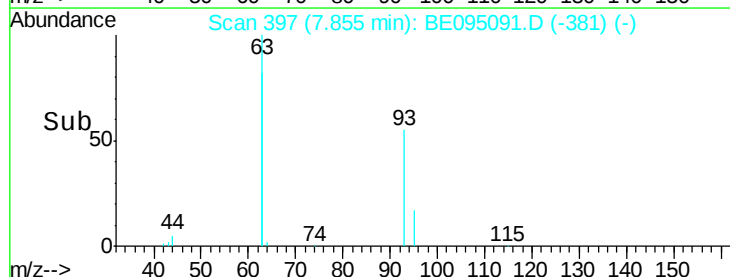
2000

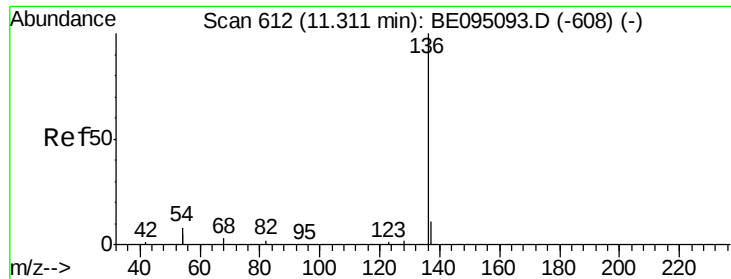
1000

0

7.80 7.85 7.90

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.31 min Scan# 612

Delta R.T. -0.00 min

Lab File: BE095091.D

Acq: 23 Jan 2018 11:19

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.1

Tgt Ion: 136 Resp: 12827

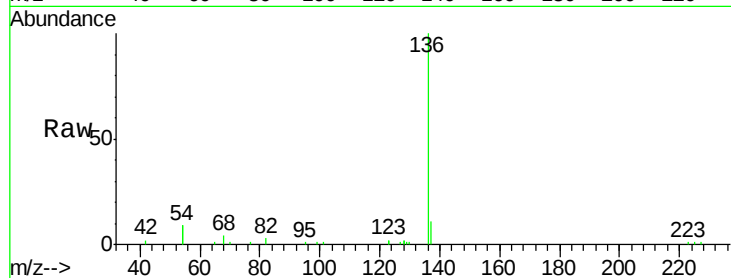
Ion Ratio Lower Upper

136 100

137 11.4 9.5 14.3

54 17.4 29.1 43.7#

68 4.0 6.2 9.2#

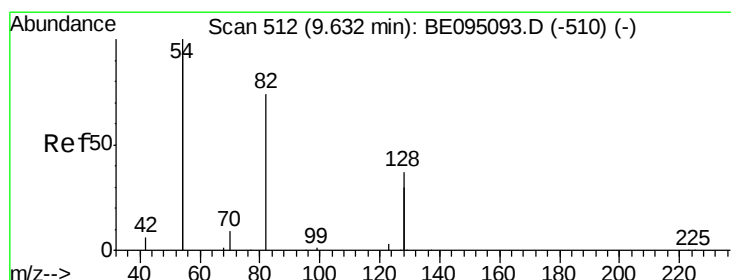
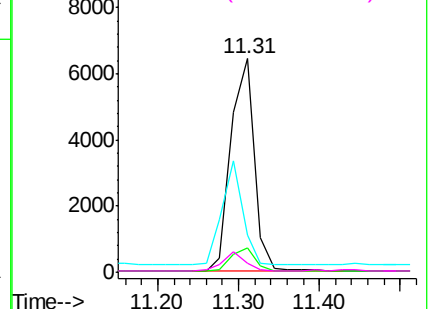
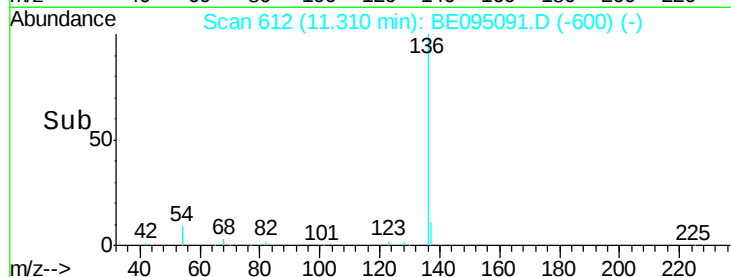


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.010 ng

RT: 9.56 min Scan# 508

Delta R.T. -0.07 min

Lab File: BE095091.D

Acq: 23 Jan 2018 11:19

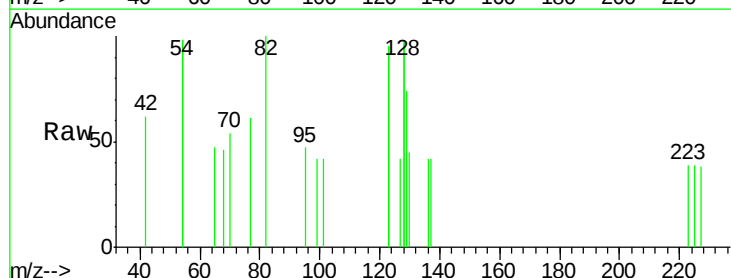
Tgt Ion: 82 Resp: 109

Ion Ratio Lower Upper

82 100

128 193.3 150.0 225.0

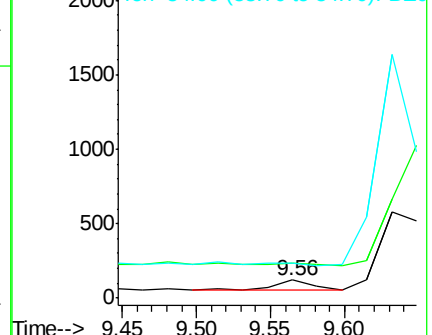
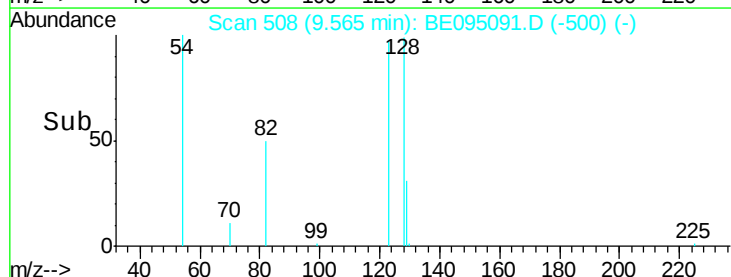
54 195.0 154.2 231.4

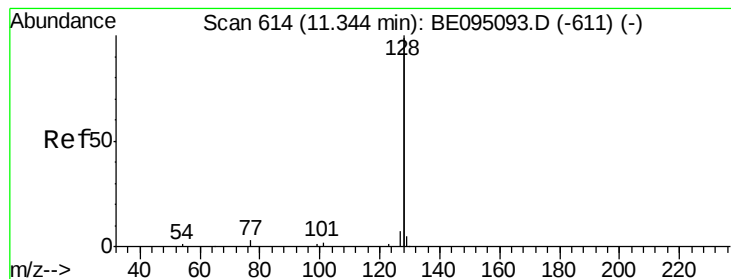


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.098 ng

RT: 11.36 min Scan# 615

Delta R.T. 0.02 min

Lab File: BE095091.D

Acq: 23 Jan 2018 11:19

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.1

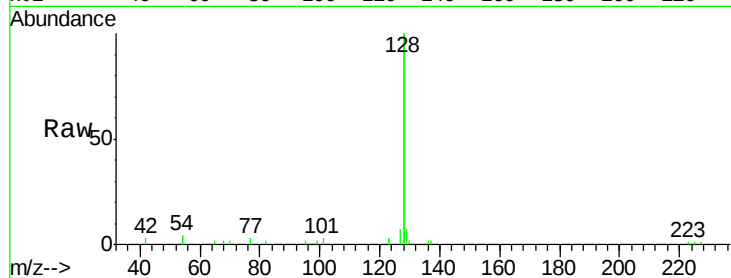
Tgt Ion:128 Resp: 14785

Ion Ratio Lower Upper

128 100

129 3.5 2.6 3.8

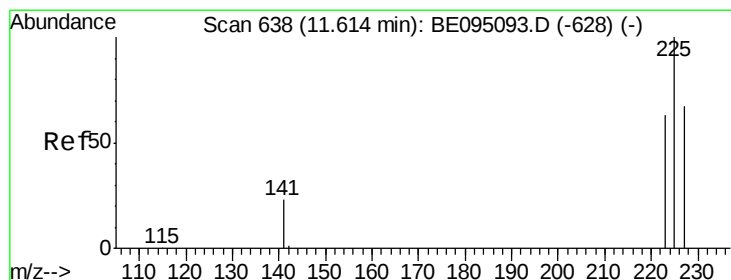
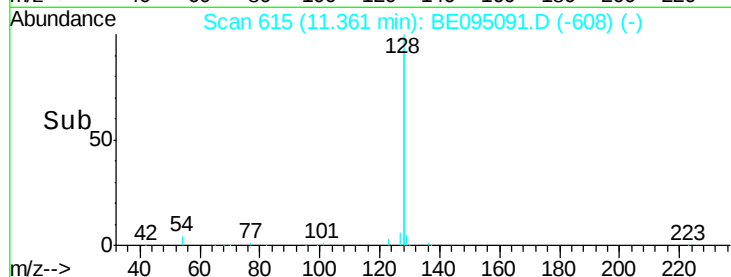
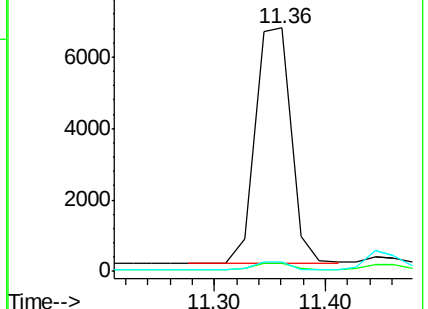
127 3.7 2.8 4.2



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: 0.097 ng

RT: 11.61 min Scan# 638

Delta R.T. 0.00 min

Lab File: BE095091.D

Acq: 23 Jan 2018 11:19

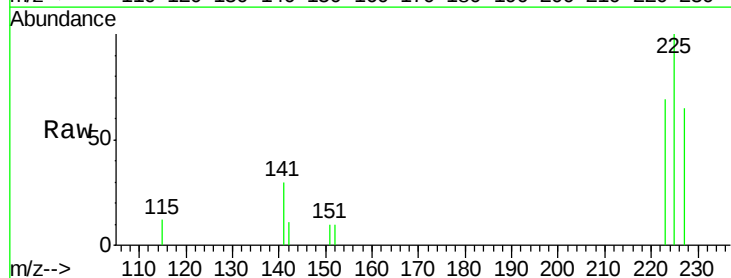
Tgt Ion:225 Resp: 665

Ion Ratio Lower Upper

225 100

223 67.8 53.0 79.6

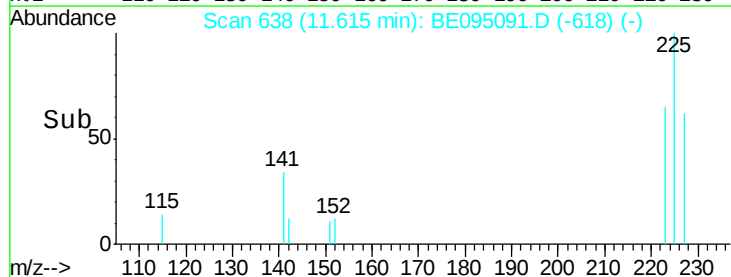
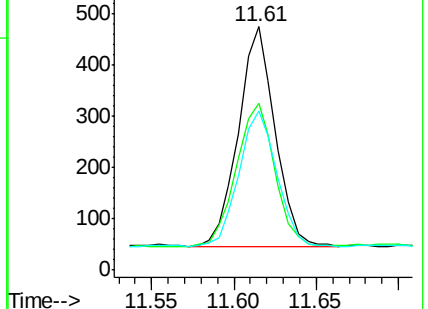
227 63.2 51.4 77.2

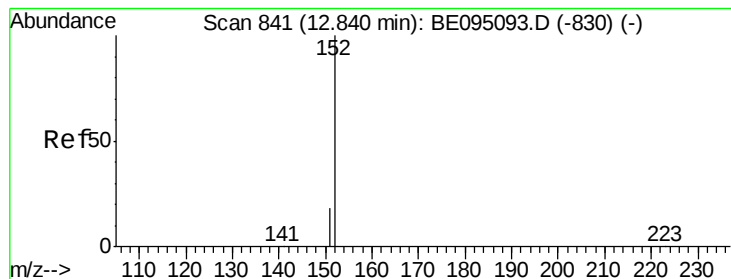


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.102 ng

RT: 12.84 min Scan# 840

Delta R.T. -0.00 min

Lab File: BE095091.D

Acq: 23 Jan 2018 11:19

Instrument :

BNA\_E

ClientSampleId :

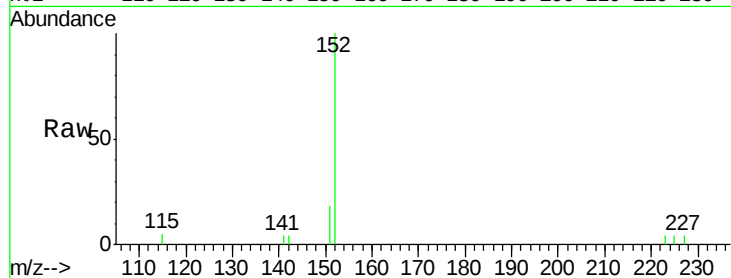
SSTDIC0.1

Tgt Ion:152 Resp: 2137

Ion Ratio Lower Upper

152 100

151 19.6 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.84

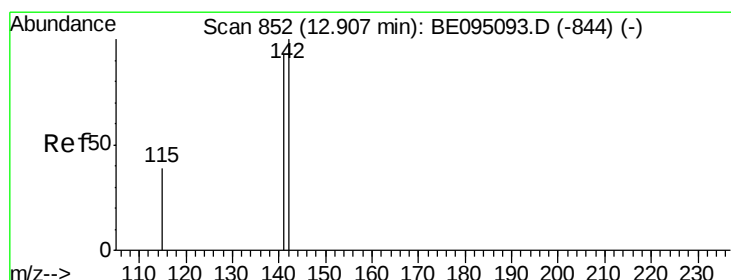
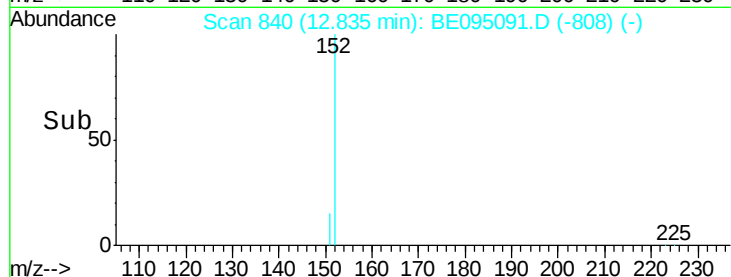
1500

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.066 ng

RT: 12.91 min Scan# 852

Delta R.T. 0.00 min

Lab File: BE095091.D

Acq: 23 Jan 2018 11:19

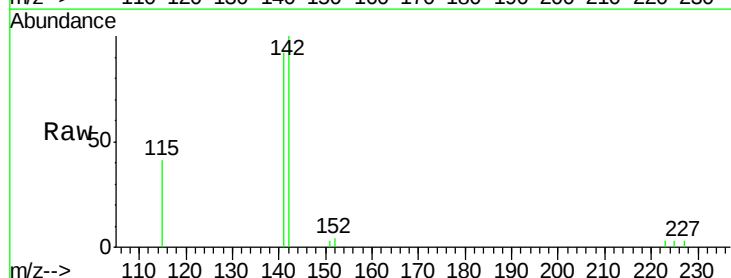
Tgt Ion:142 Resp: 2485

Ion Ratio Lower Upper

142 100

141 91.8 70.4 105.6

115 41.3 31.7 47.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.91

2000

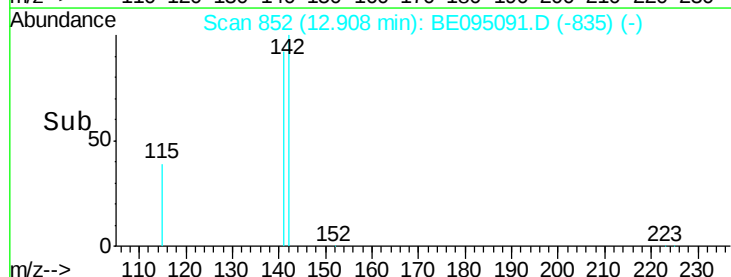
1500

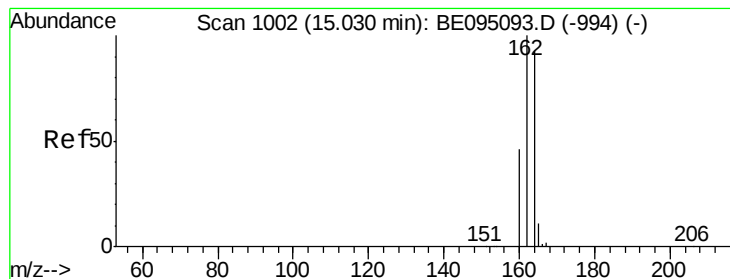
1000

500

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.03 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BE095091.D

Acq: 23 Jan 2018 11:19

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.1

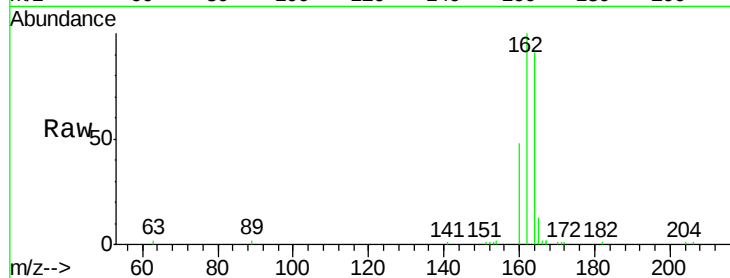
Tgt Ion:164 Resp: 7276

Ion Ratio Lower Upper

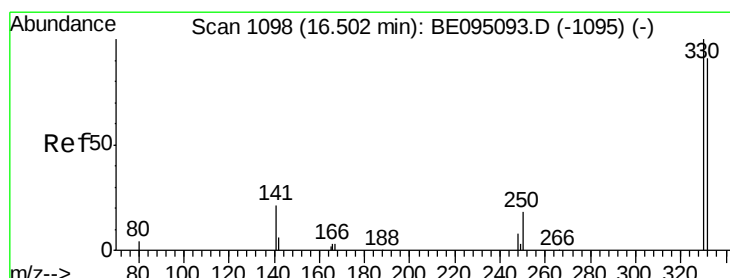
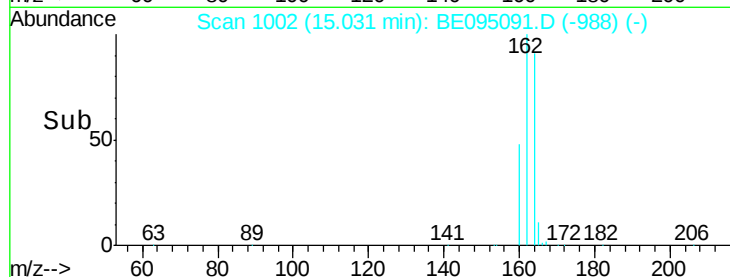
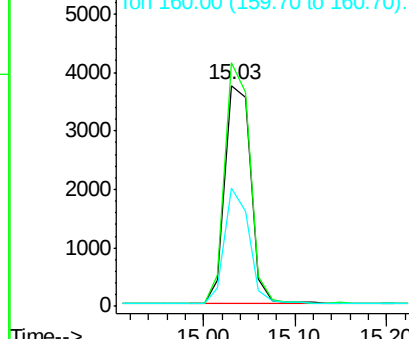
164 100

162 110.3 83.1 124.7

160 53.3 37.1 55.7



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: 0.080 ng

RT: 16.50 min Scan# 1098

Delta R.T. -0.00 min

Lab File: BE095091.D

Acq: 23 Jan 2018 11:19

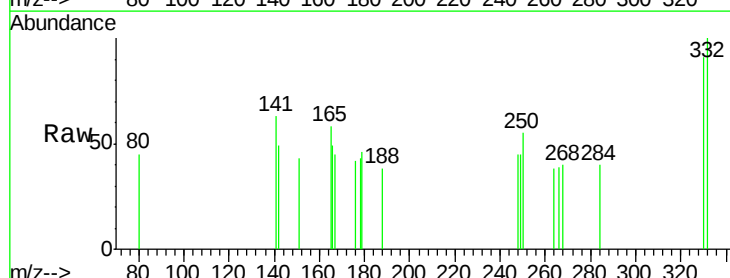
Tgt Ion:330 Resp: 136

Ion Ratio Lower Upper

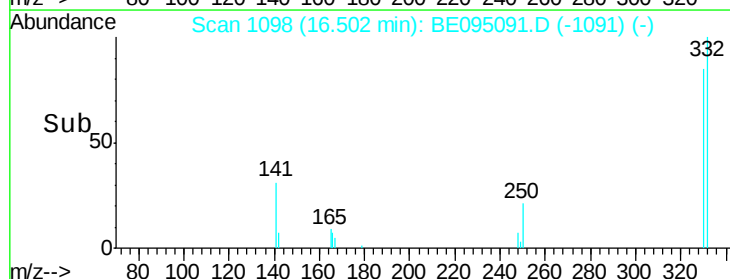
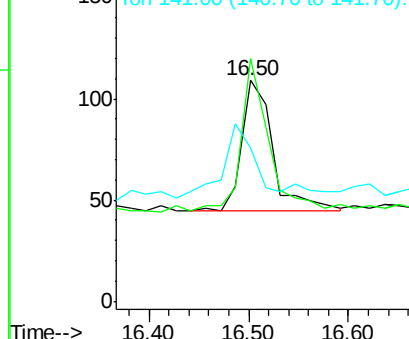
330 100

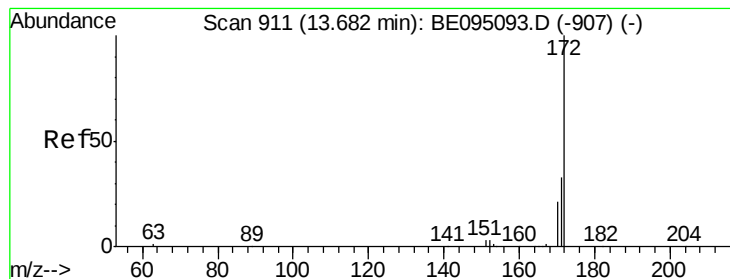
332 103.7 152.7 229.1#

141 58.8 33.7 50.5#



Abundance Ion 330.00 (329.70 to 330.70): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.101 ng

RT: 13.68 min Scan# 911

Delta R.T. 0.00 min

Lab File: BE095091.D

Acq: 23 Jan 2018 11:19

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.1

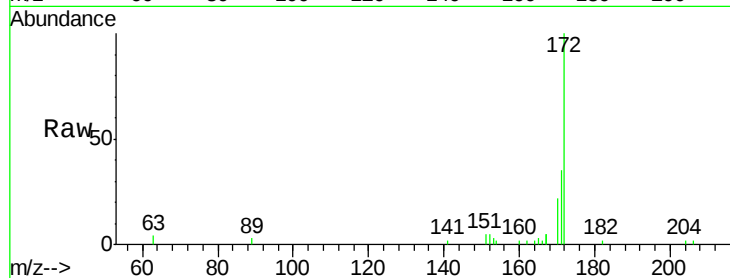
Tgt Ion:172 Resp: 3252

Ion Ratio Lower Upper

172 100

171 35.2 29.9 44.9

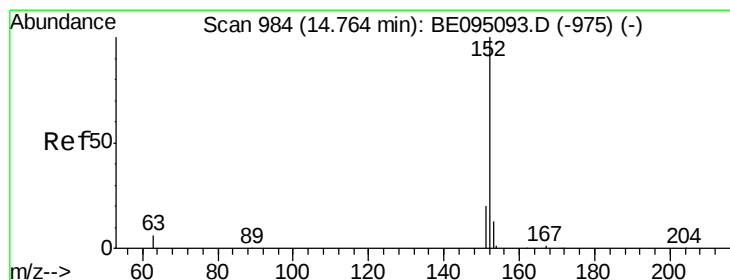
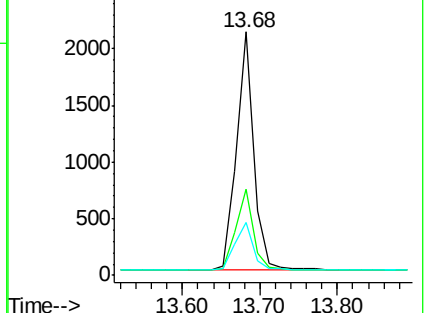
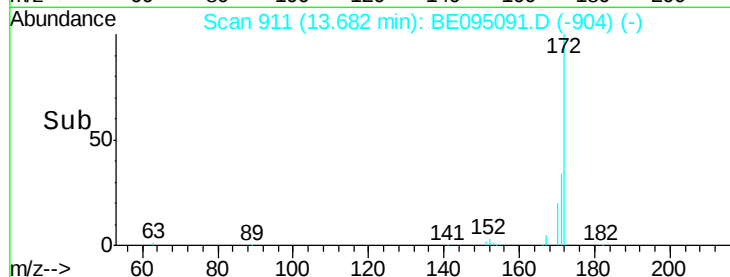
170 22.0 21.8 32.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.093 ng

RT: 14.76 min Scan# 984

Delta R.T. 0.00 min

Lab File: BE095091.D

Acq: 23 Jan 2018 11:19

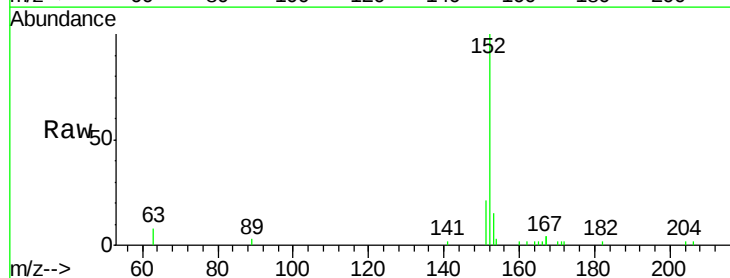
Tgt Ion:152 Resp: 3602

Ion Ratio Lower Upper

152 100

151 19.4 15.7 23.5

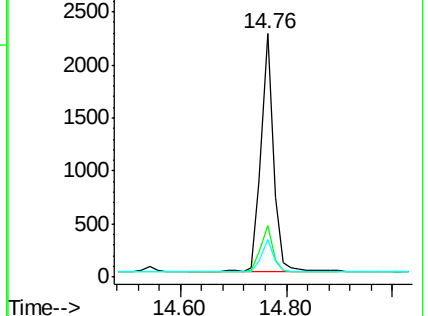
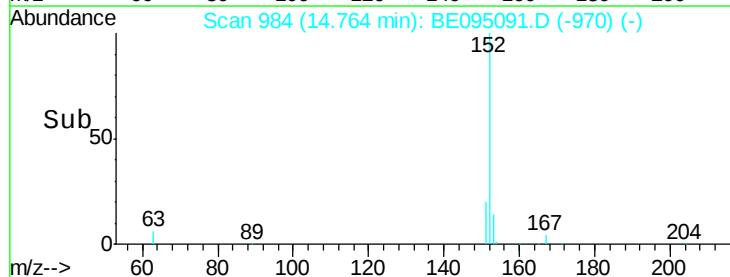
153 13.2 10.5 15.7

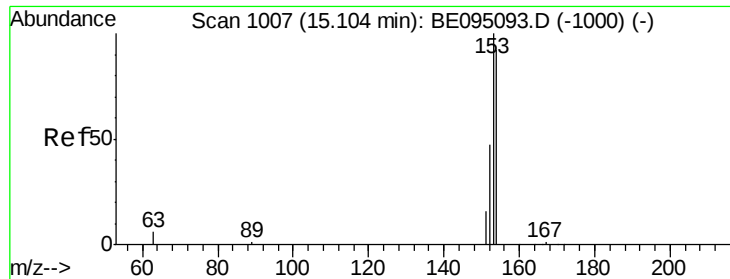


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.098 ng

RT: 15.10 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BE095091.D

Acq: 23 Jan 2018 11:19

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.1

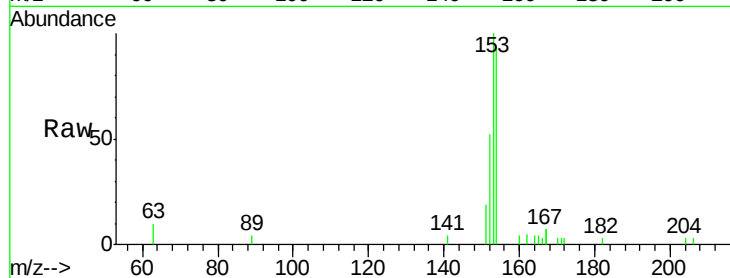
Tgt Ion:154 Resp: 2517

Ion Ratio Lower Upper

154 100

153 114.7 89.2 133.8

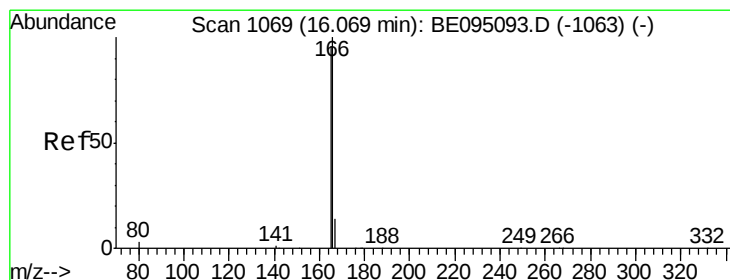
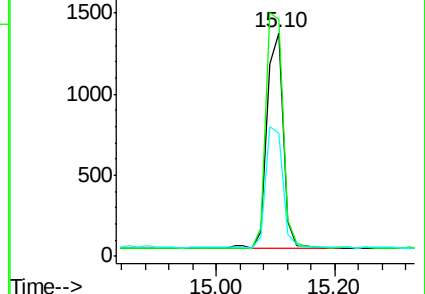
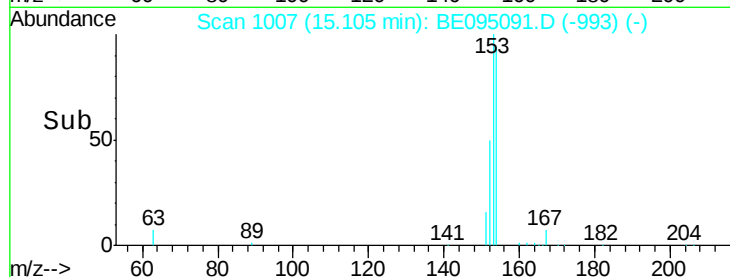
152 58.3 42.0 63.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.097 ng

RT: 16.07 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BE095091.D

Acq: 23 Jan 2018 11:19

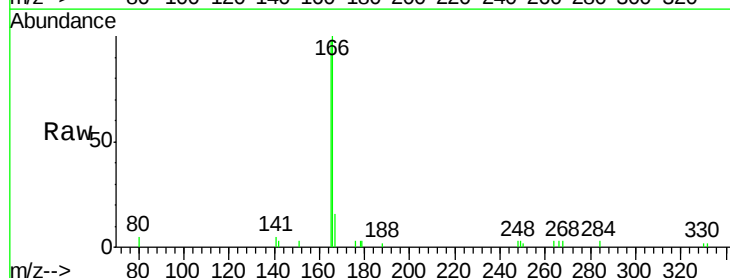
Tgt Ion:166 Resp: 3103

Ion Ratio Lower Upper

166 100

165 98.6 77.8 116.6

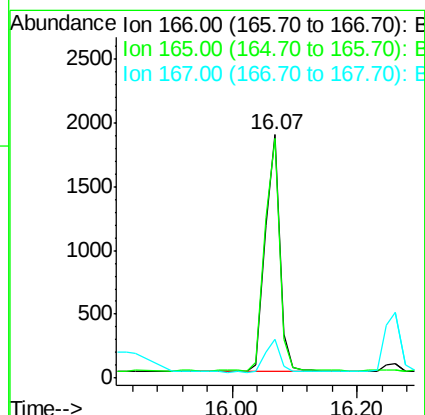
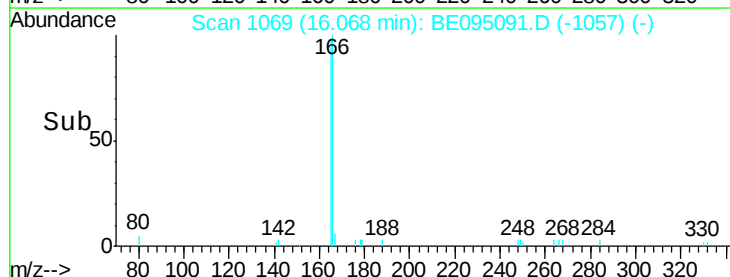
167 13.8 42.4 63.6#

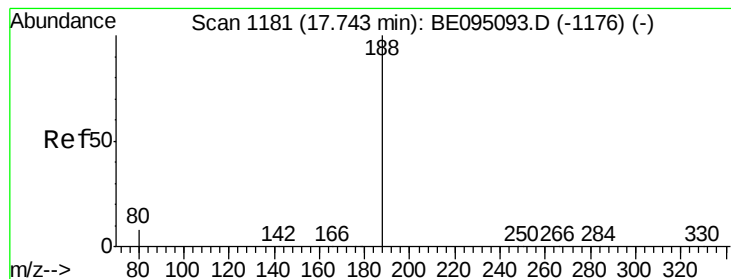


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.74 min Scan# 1181

Delta R.T. -0.00 min

Lab File: BE095091.D

Acq: 23 Jan 2018 11:19

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.1

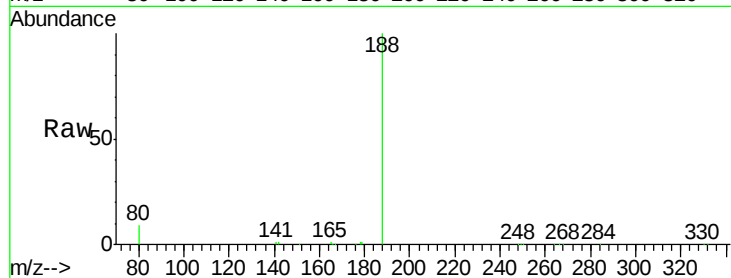
Tgt Ion:188 Resp: 17336

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

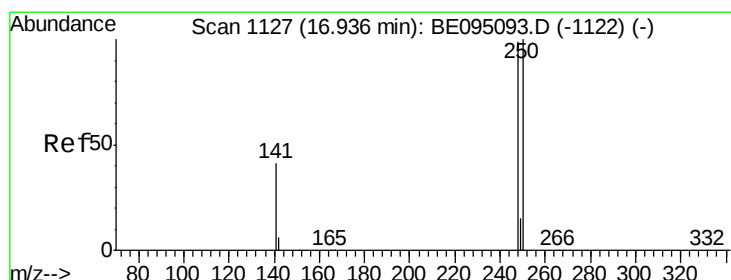
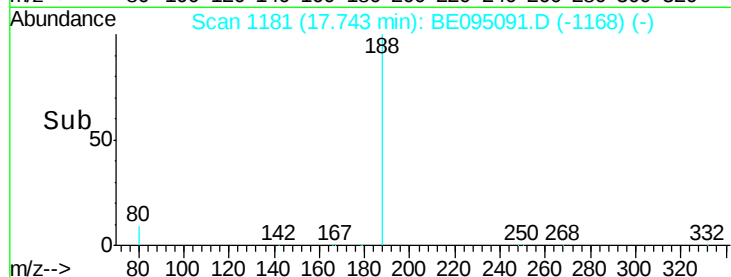
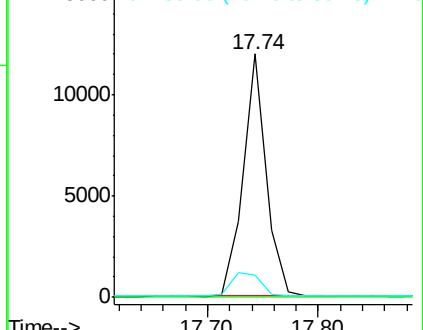
80 9.1 3.6 5.4#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0



#20

4-Bromophenyl-phenylether

Concen: 0.097 ng

RT: 16.94 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BE095091.D

Acq: 23 Jan 2018 11:19

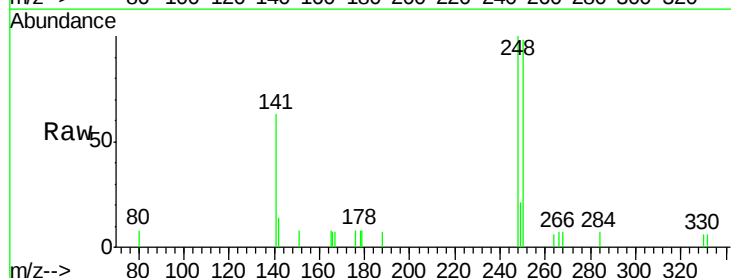
Tgt Ion:248 Resp: 982

Ion Ratio Lower Upper

248 100

250 98.5 62.7 94.1#

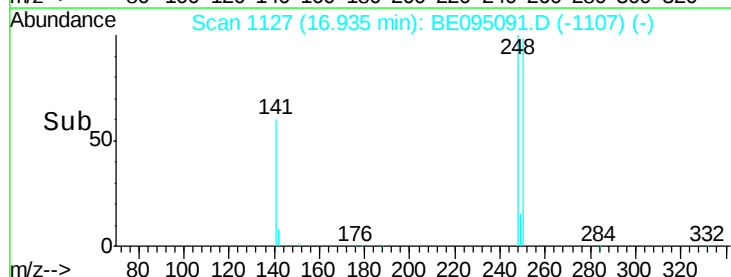
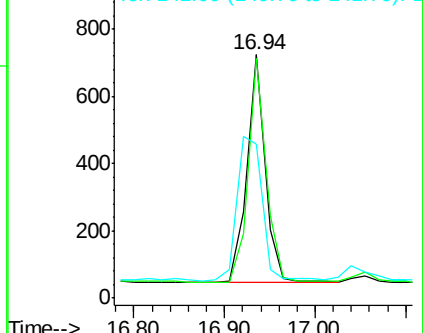
141 63.3 48.2 72.2

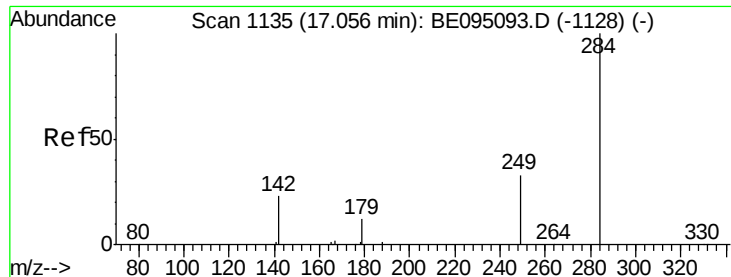


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

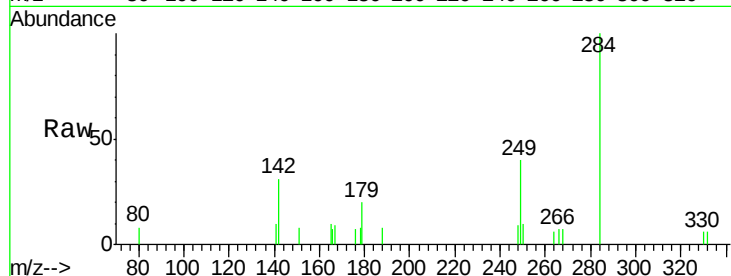




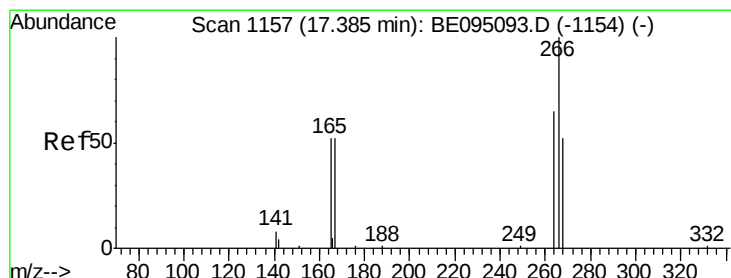
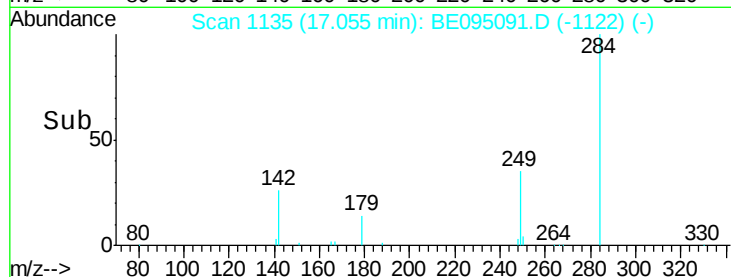
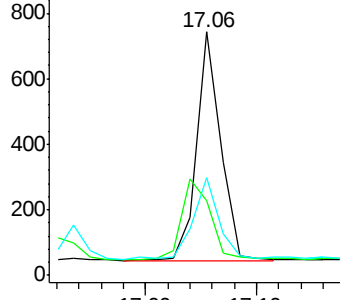
#21  
Hexachlorobenzene  
Concen: 0.101 ng  
RT: 17.06 min Scan# 1135  
Delta R.T. -0.00 min  
Lab File: BE095091.D  
Acq: 23 Jan 2018 11:19

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.1

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 43.0  | 22.1  | 33.1# |
| 249     | 39.8  | 34.8  | 52.2  |

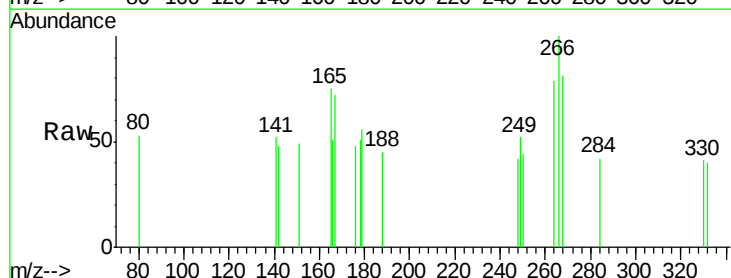


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

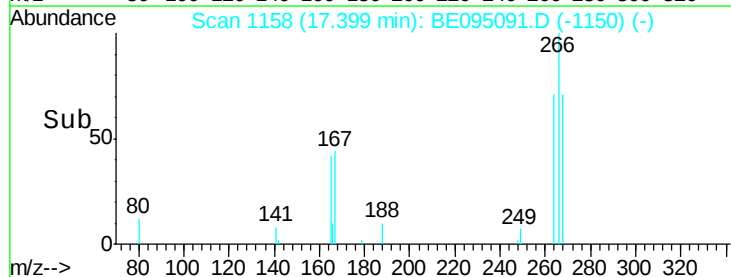
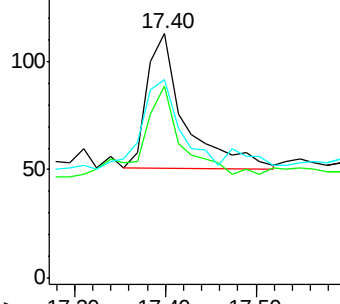


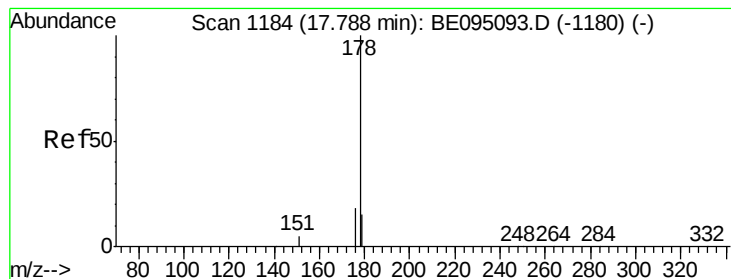
#22  
Pentachlorophenol  
Concen: 0.091 ng  
RT: 17.40 min Scan# 1158  
Delta R.T. 0.01 min  
Lab File: BE095091.D  
Acq: 23 Jan 2018 11:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 78.8  | 72.5  | 108.7 |
| 268     | 81.4  | 73.8  | 110.6 |



Abundance Ion 266.00 (265.70 to 266.70): E  
Ion 264.00 (263.70 to 264.70): E  
Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.096 ng

RT: 17.79 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BE095091.D

Acq: 23 Jan 2018 11:19

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.1

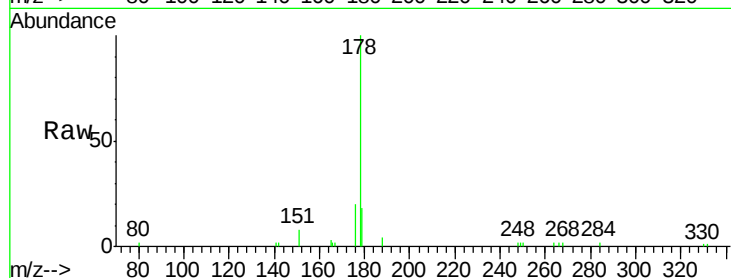
Tgt Ion:178 Resp: 5168

Ion Ratio Lower Upper

178 100

176 20.1 15.1 22.7

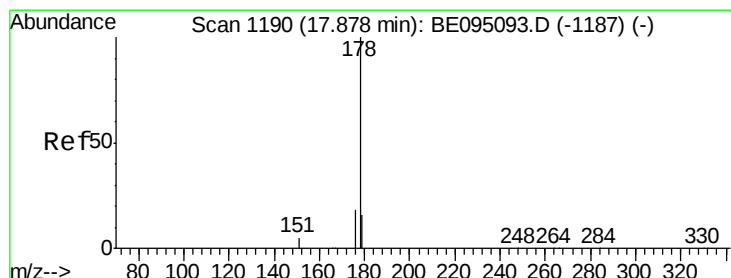
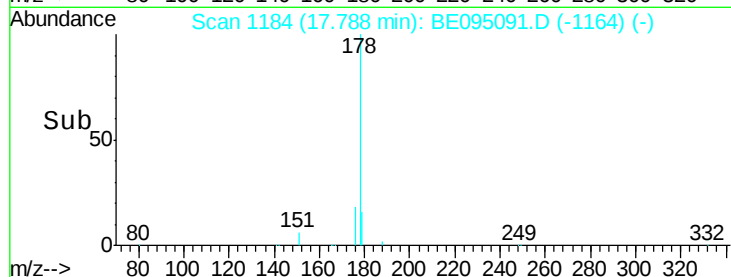
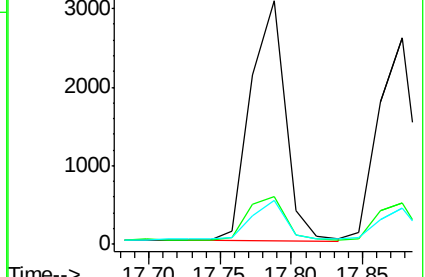
179 14.9 11.8 17.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.079 ng

RT: 17.88 min Scan# 1190

Delta R.T. -0.00 min

Lab File: BE095091.D

Acq: 23 Jan 2018 11:19

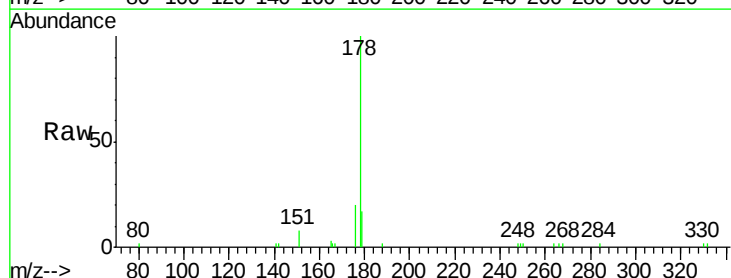
Tgt Ion:178 Resp: 4368

Ion Ratio Lower Upper

178 100

176 18.9 12.8 19.2

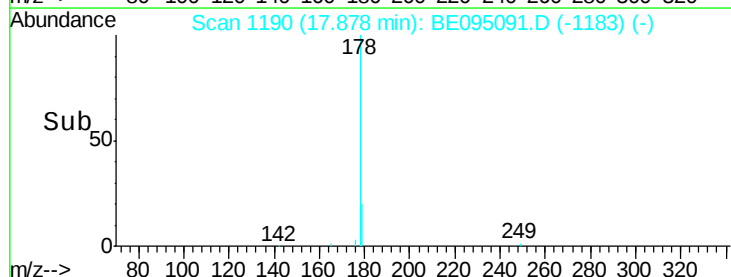
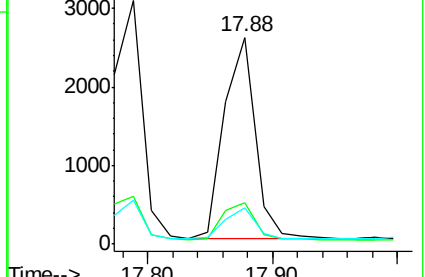
179 15.0 13.0 19.6

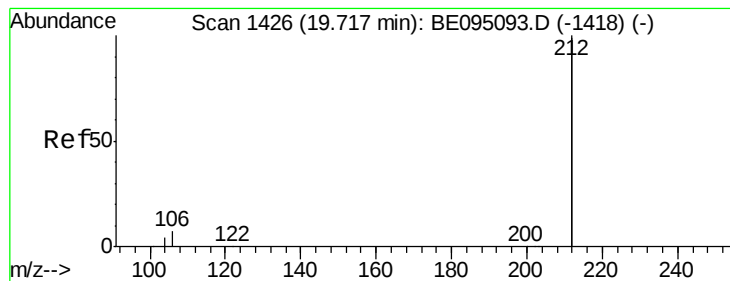


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.093 ng

RT: 19.72 min Scan# 1427

Delta R.T. 0.01 min

Lab File: BE095091.D

Acq: 23 Jan 2018 11:19

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.1

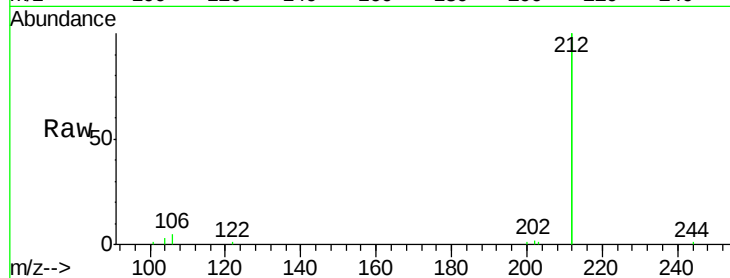
Tgt Ion:212 Resp: 20955

Ion Ratio Lower Upper

212 100

106 3.1 2.8 4.2

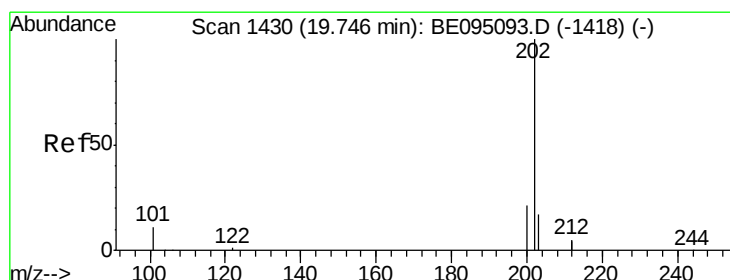
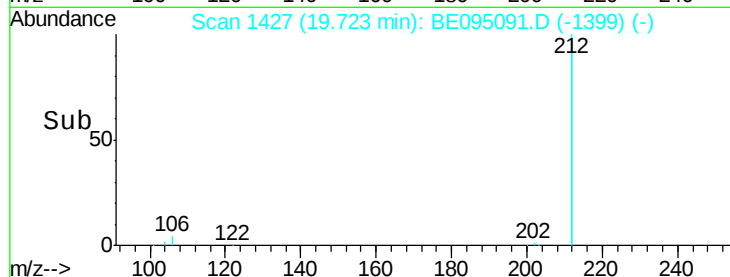
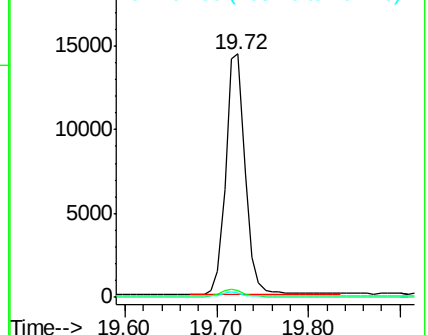
104 1.7 1.6 2.4



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.087 ng

RT: 19.75 min Scan# 1430

Delta R.T. -0.00 min

Lab File: BE095091.D

Acq: 23 Jan 2018 11:19

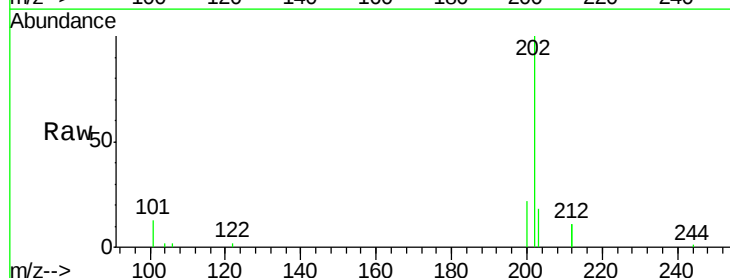
Tgt Ion:202 Resp: 5814

Ion Ratio Lower Upper

202 100

101 11.1 9.8 14.8

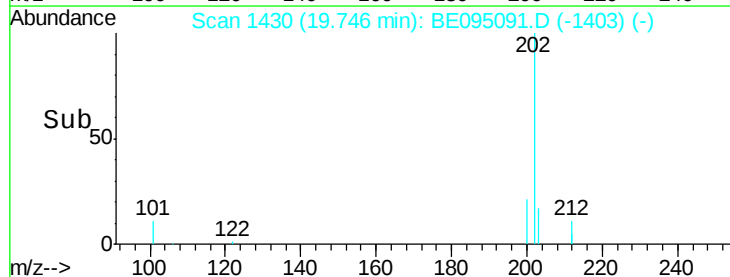
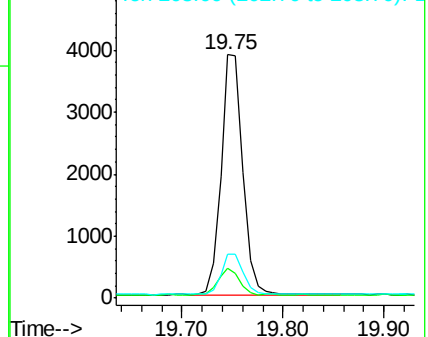
203 17.9 13.7 20.5

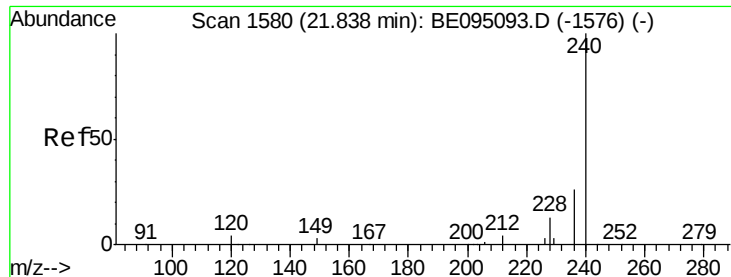


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.84 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BE095091.D

Acq: 23 Jan 2018 11:19

Instrument :

BNA\_E

ClientSampleId :

SSTDICC0.1

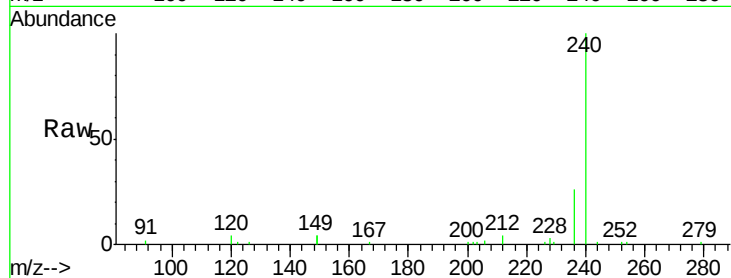
Tgt Ion:240 Resp: 16054

Ion Ratio Lower Upper

240 100

120 4.4 5.5 8.3#

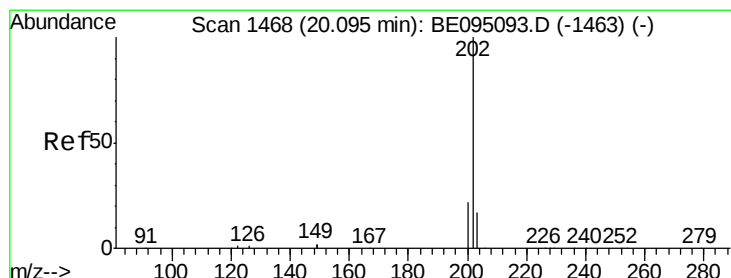
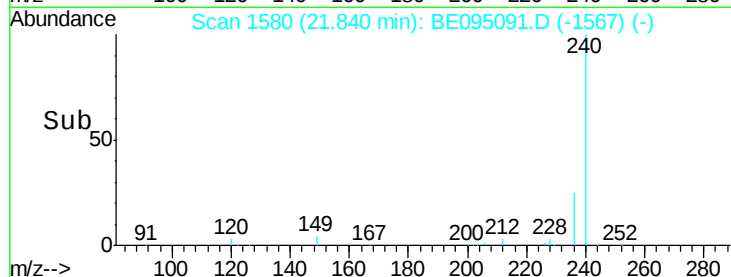
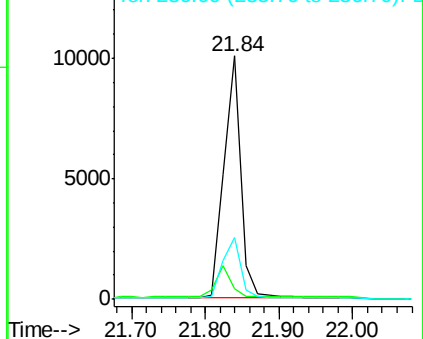
236 25.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.130 ng

RT: 20.10 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BE095091.D

Acq: 23 Jan 2018 11:19

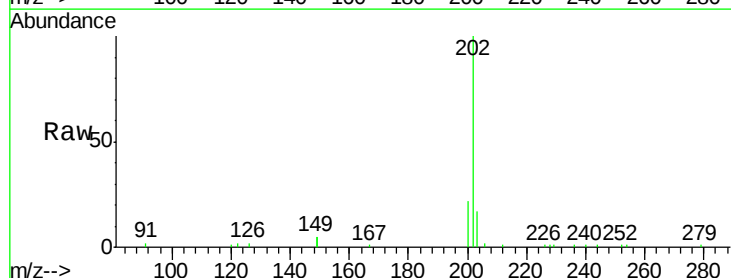
Tgt Ion:202 Resp: 7078

Ion Ratio Lower Upper

202 100

200 22.6 16.6 25.0

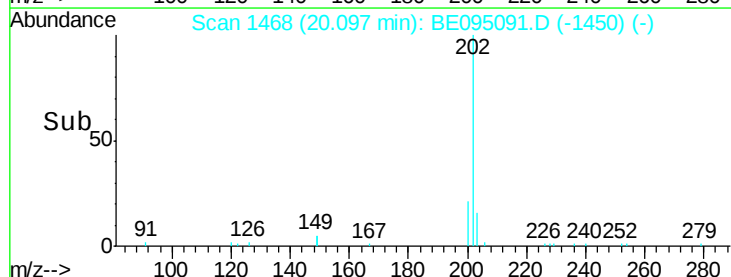
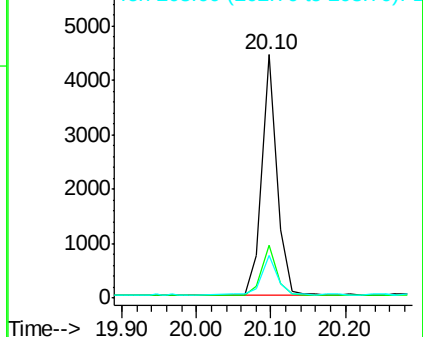
203 18.3 13.8 20.8

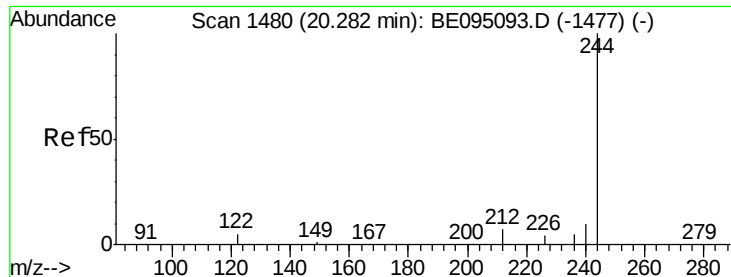


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.109 ng

RT: 20.28 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BE095091.D

Acq: 23 Jan 2018 11:19

Instrument :

BNA\_E

ClientSampleId :

SSTDICC0.1

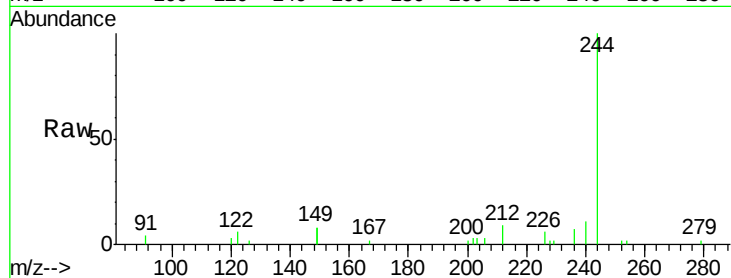
Tgt Ion:244 Resp: 3280

Ion Ratio Lower Upper

244 100

212 9.5 25.4 38.0#

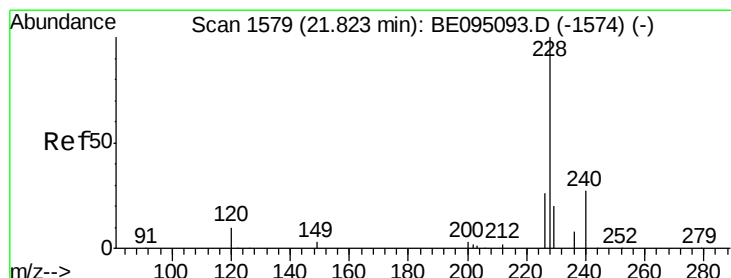
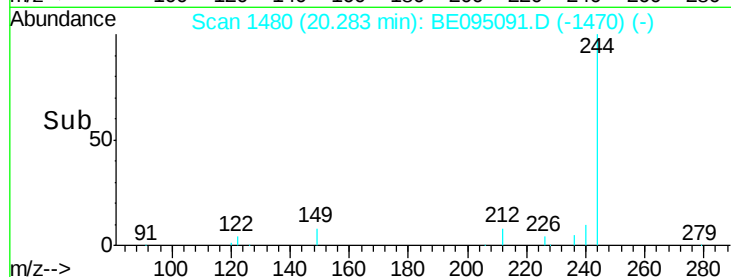
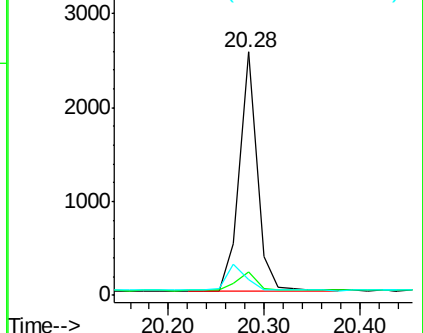
122 6.2 8.1 12.1#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.104 ng

RT: 21.82 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BE095091.D

Acq: 23 Jan 2018 11:19

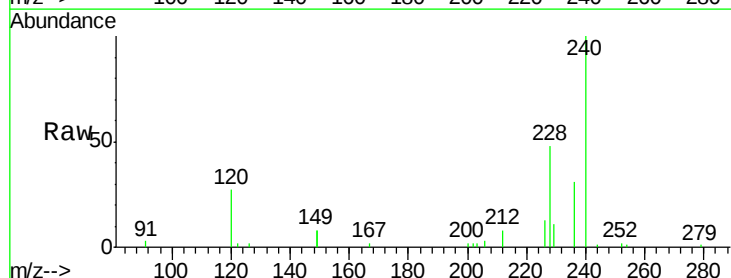
Tgt Ion:228 Resp: 4856

Ion Ratio Lower Upper

228 100

226 26.6 24.0 36.0

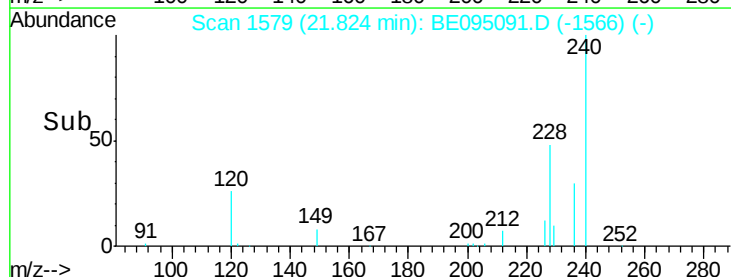
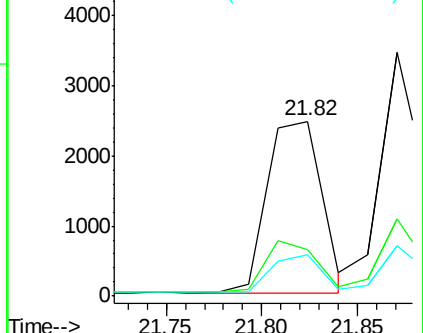
229 23.5 16.0 24.0

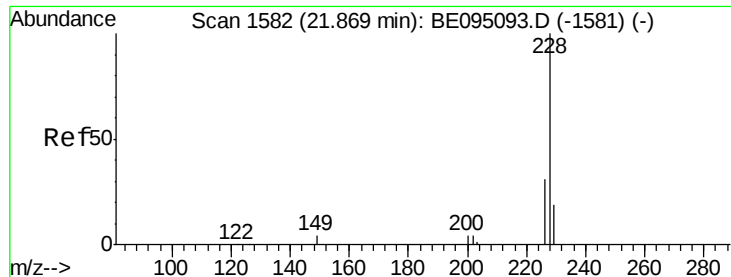


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.097 ng

RT: 21.87 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BE095091.D

Acq: 23 Jan 2018 11:19

Instrument :

BNA\_E

ClientSampleId :

SSTDICC0.1

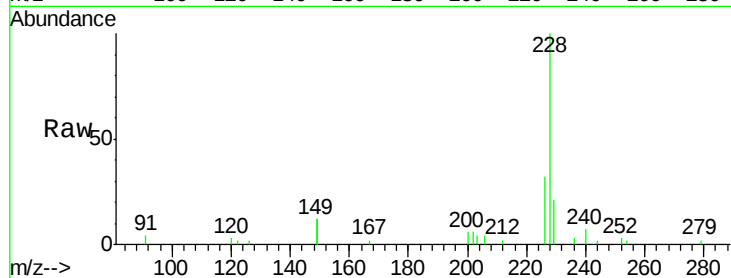
Tgt Ion:228 Resp: 5102

Ion Ratio Lower Upper

228 100

226 31.7 24.0 36.0

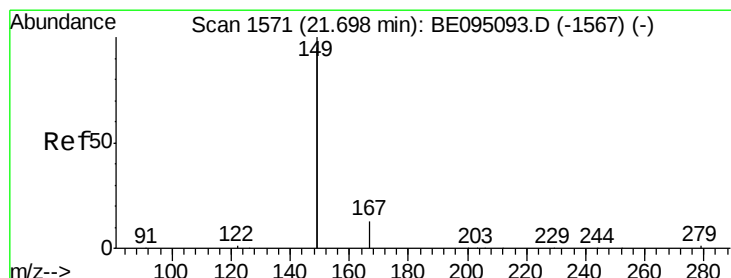
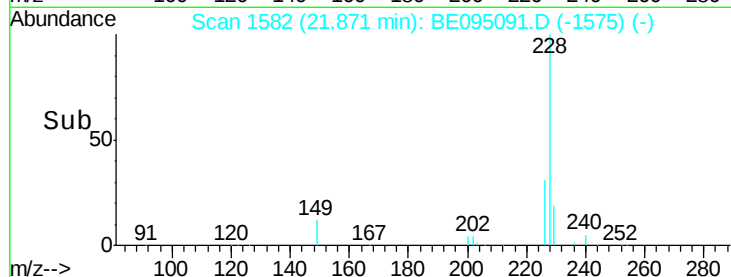
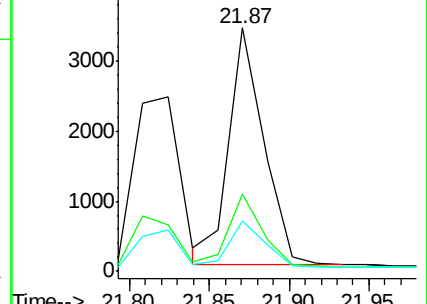
229 20.6 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.127 ng

RT: 21.70 min Scan# 1571

Delta R.T. 0.00 min

Lab File: BE095091.D

Acq: 23 Jan 2018 11:19

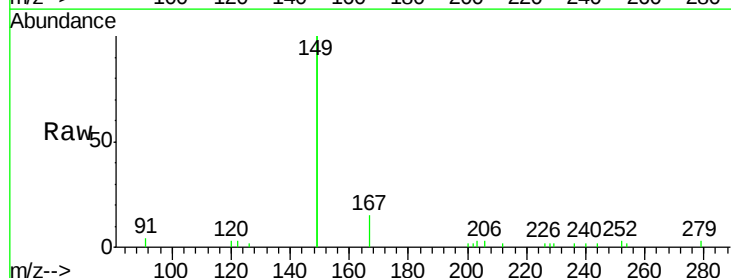
Tgt Ion:149 Resp: 7594

Ion Ratio Lower Upper

149 100

167 7.3 5.4 8.0

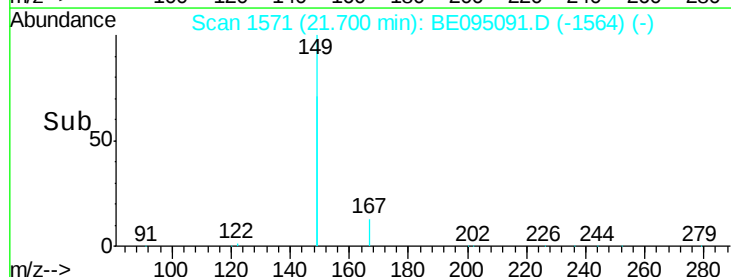
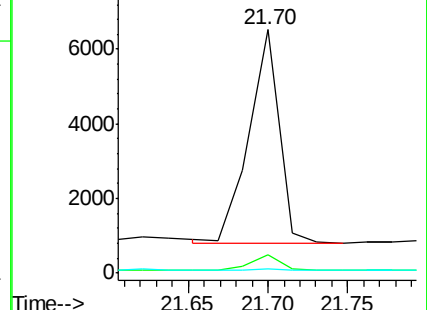
279 1.0 0.7 1.1

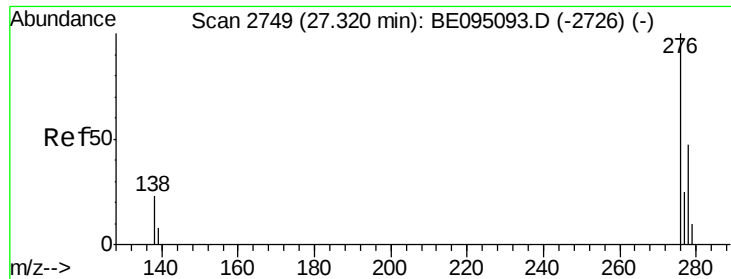


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

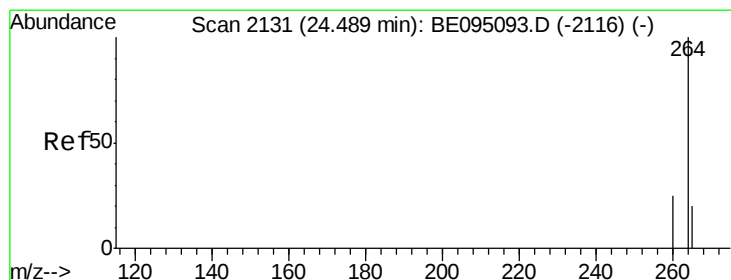
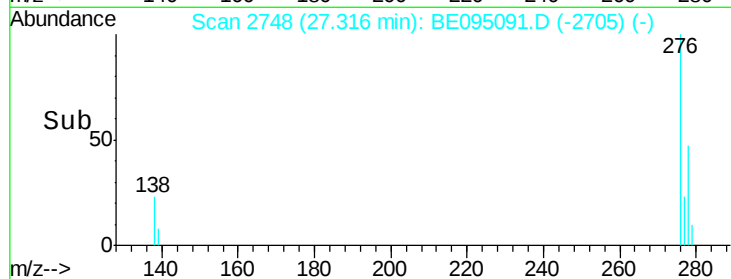
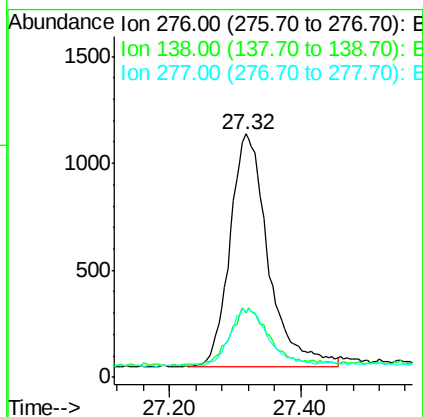
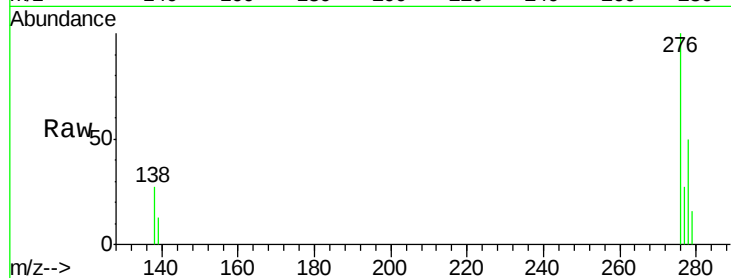




#33  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.102 ng  
 RT: 27.32 min Scan# 2748  
 Delta R.T. -0.00 min  
 Lab File: BE095091.D  
 Acq: 23 Jan 2018 11:19

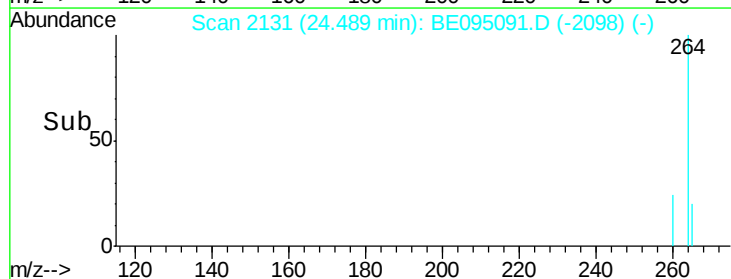
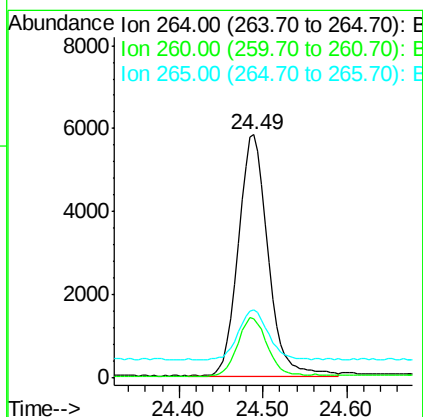
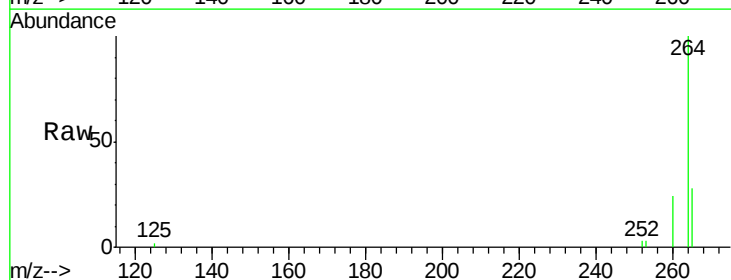
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.1

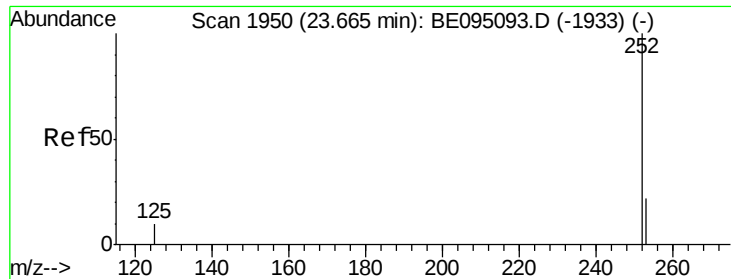
Tgt Ion: 276 Resp: 4396  
 Ion Ratio Lower Upper  
 276 100  
 138 26.2 22.5 33.7  
 277 24.6 19.9 29.9



#34  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.49 min Scan# 2131  
 Delta R.T. -0.00 min  
 Lab File: BE095091.D  
 Acq: 23 Jan 2018 11:19

Tgt Ion: 264 Resp: 14239  
 Ion Ratio Lower Upper  
 264 100  
 260 24.4 20.5 30.7  
 265 28.2 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.094 ng

RT: 23.66 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BE095091.D

Acq: 23 Jan 2018 11:19

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.1

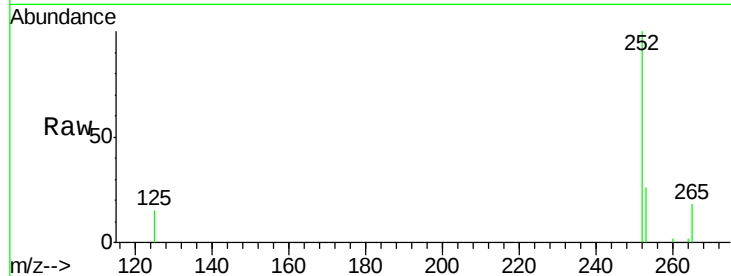
Tgt Ion:252 Resp: 4934

Ion Ratio Lower Upper

252 100

253 26.0 20.0 30.0

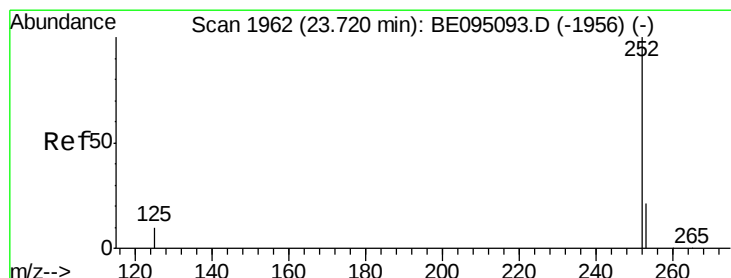
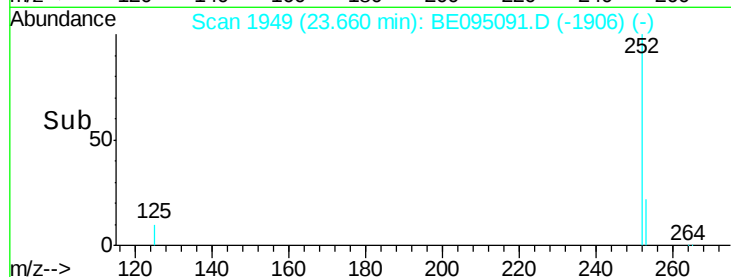
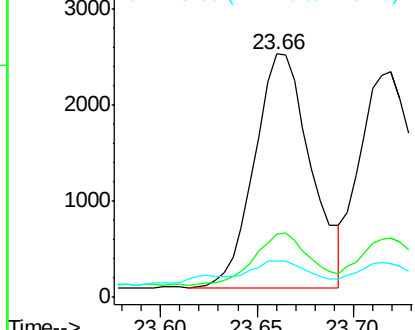
125 14.9 16.0 24.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.088 ng

RT: 23.72 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BE095091.D

Acq: 23 Jan 2018 11:19

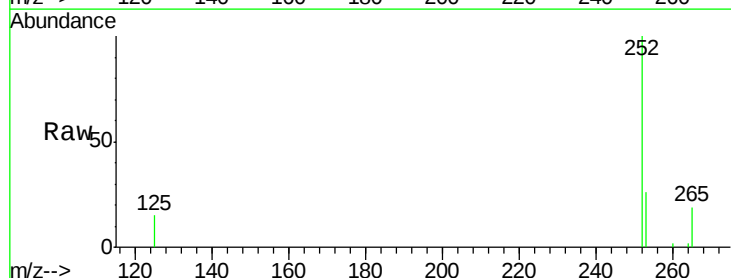
Tgt Ion:252 Resp: 4675

Ion Ratio Lower Upper

252 100

253 26.5 16.0 24.0#

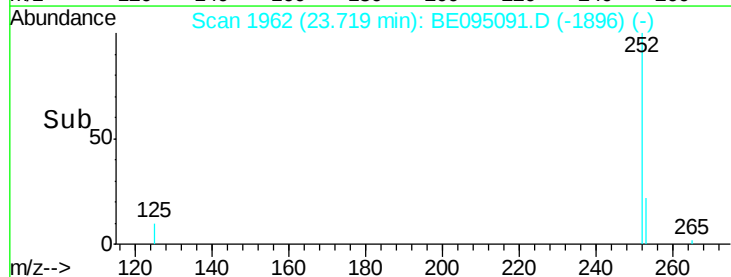
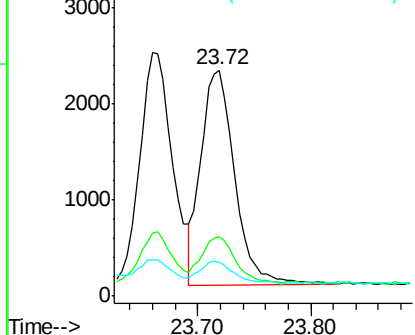
125 14.7 8.0 12.0#

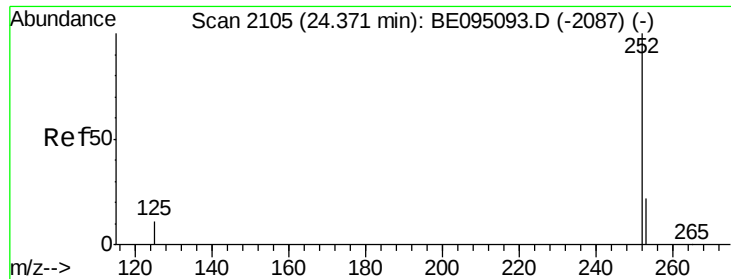


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.095 ng

RT: 24.37 min Scan# 2104

Delta R.T. -0.01 min

Lab File: BE095091.D

Acq: 23 Jan 2018 11:19

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.1

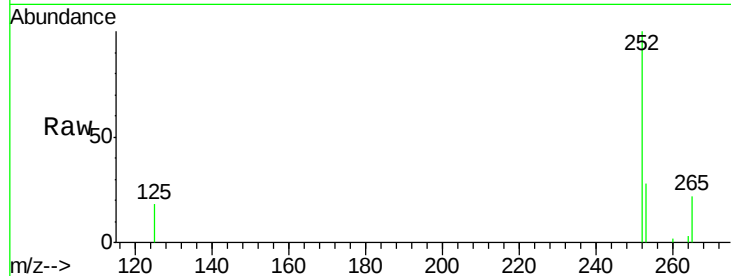
Tgt Ion:252 Resp: 4393

Ion Ratio Lower Upper

252 100

253 27.7 16.0 24.0#

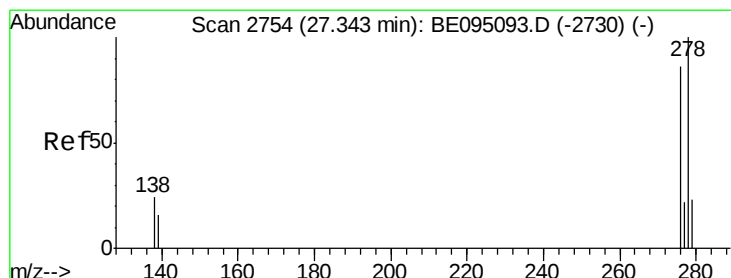
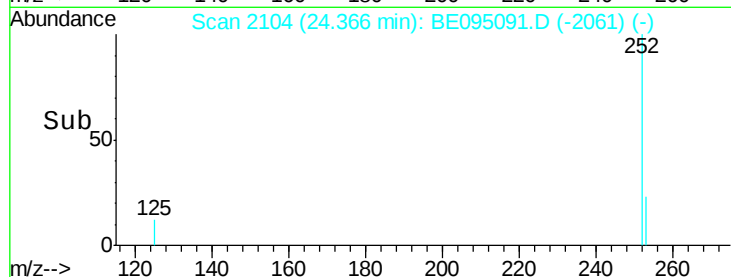
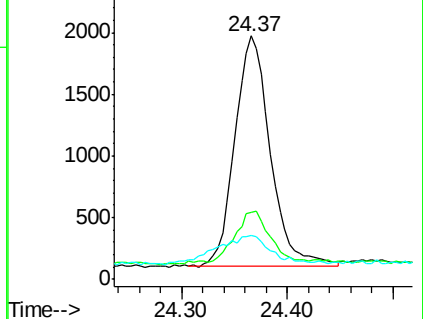
125 18.0 12.0 18.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.077 ng

RT: 27.34 min Scan# 2754

Delta R.T. 0.00 min

Lab File: BE095091.D

Acq: 23 Jan 2018 11:19

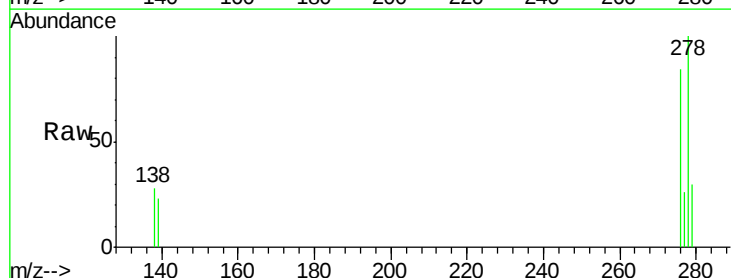
Tgt Ion:278 Resp: 3333

Ion Ratio Lower Upper

278 100

139 22.9 16.0 24.0

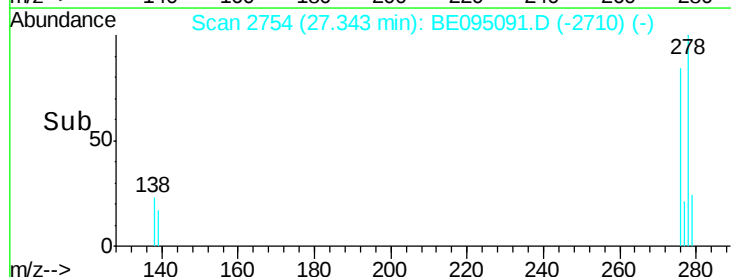
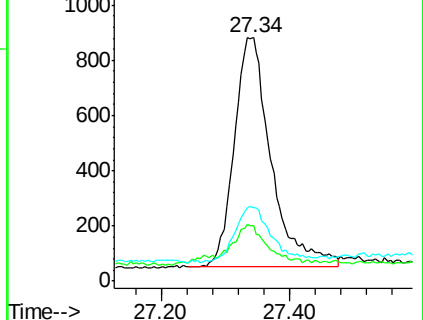
279 30.4 20.0 30.0#

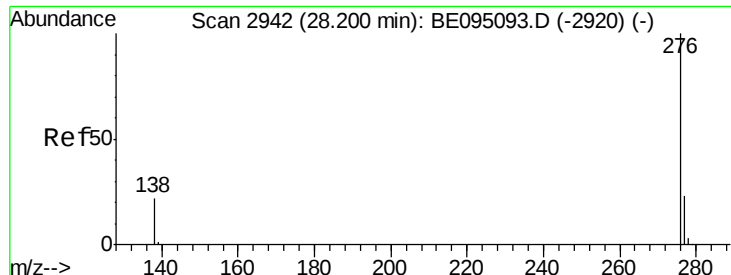


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.094 ng

RT: 28.19 min Scan# 2940

Delta R.T. -0.01 min

Lab File: BE095091.D

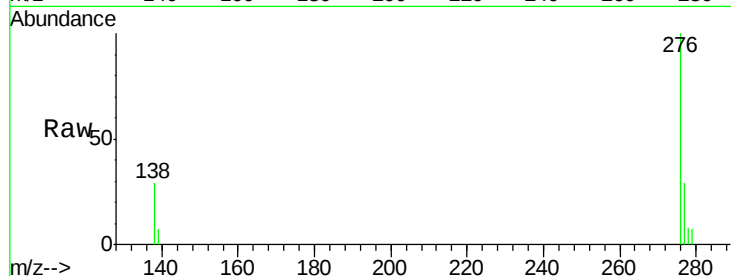
Acq: 23 Jan 2018 11:19

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.1



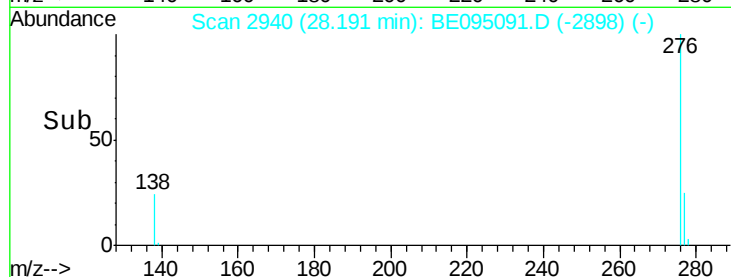
Tgt Ion: 276 Resp: 4028

Ion Ratio Lower Upper

276 100

277 29.5 16.0 24.0#

138 28.7 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

