

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA\_E\DATA\BE020618\  
 Data File : BE095535.D  
 Acq On : 6 Feb 2018 18:39  
 Operator : SJ/JU  
 Sample : SSTDICC0.8  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.8

Quant Time: Feb 06 20:04:38 2018  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE020618.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 06 19:56:54 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.43  | 152  | 1092     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 11.28 | 136  | 4157     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 15.00 | 164  | 2351     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.71 | 188  | 5441     | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.79 | 240  | 6038     | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 24.43 | 264  | 5702     | 0.40 | ng    | 0.00     |

|                             |       |     |       |      |    |       |
|-----------------------------|-------|-----|-------|------|----|-------|
| System Monitoring Compounds |       |     |       |      |    |       |
| 4) 2-Fluorophenol           | 5.92  | 112 | 2531  | 1.43 | ng | 0.00  |
| 5) Phenol-d6                | 7.55  | 99  | 3456  | 1.29 | ng | -0.01 |
| 8) Nitrobenzene-d5          | 9.61  | 82  | 3380  | 0.89 | ng | 0.00  |
| 11) 2-Methylnaphthalene-d10 | 12.80 | 152 | 5317  | 0.77 | ng | 0.00  |
| 14) 2,4,6-Tribromophenol    | 16.47 | 330 | 792   | 1.39 | ng | 0.00  |
| 15) 2-Fluorobiphenyl        | 13.65 | 172 | 7880  | 0.76 | ng | 0.00  |
| 25) Fluoranthene-d10        | 19.69 | 212 | 55485 | 0.81 | ng | 0.00  |
| 29) Terphenyl-d14           | 20.25 | 244 | 9238  | 0.75 | ng | 0.00  |

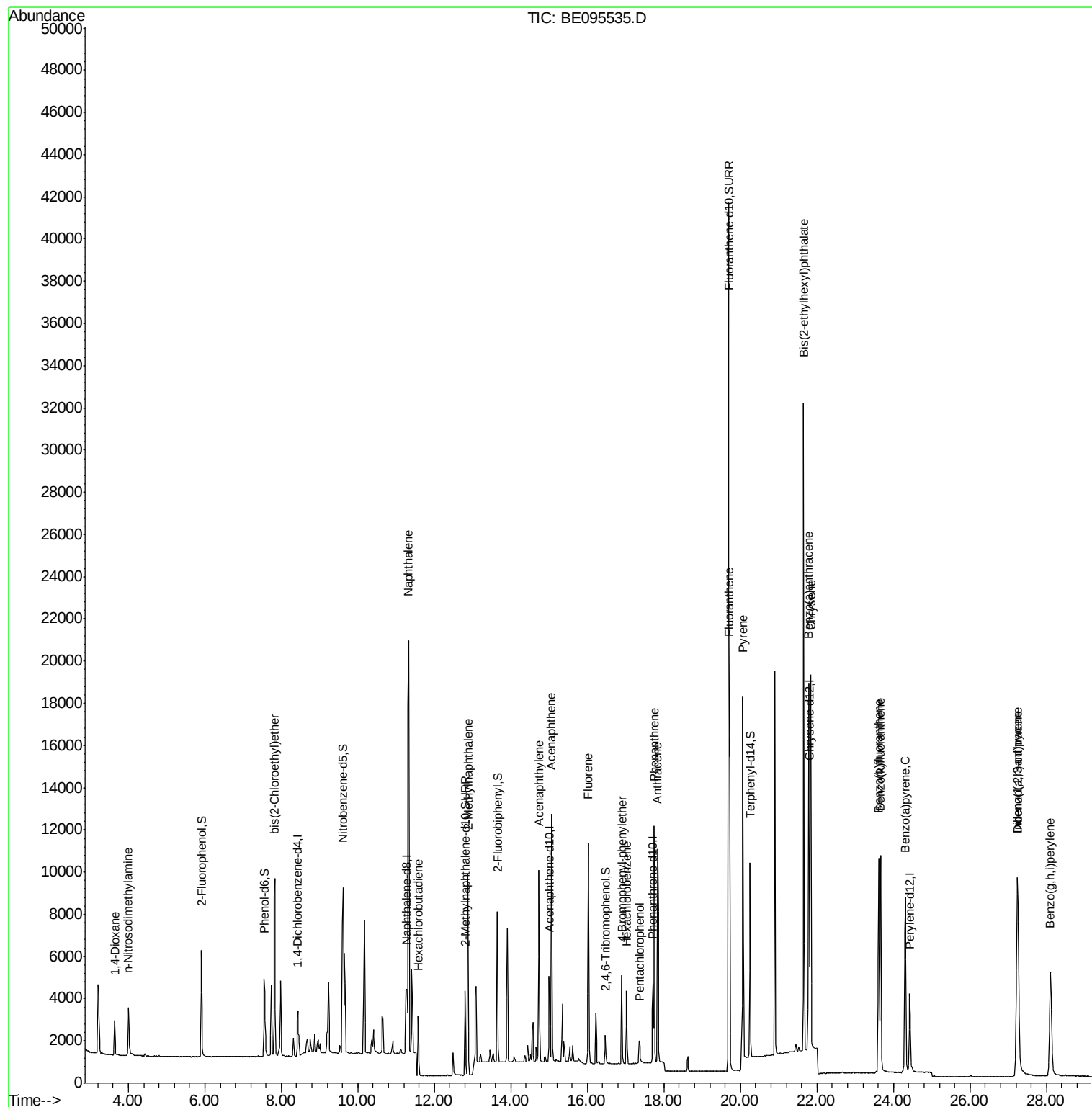
|                                |       |     |       |        |    |      |
|--------------------------------|-------|-----|-------|--------|----|------|
| Target Compounds               |       |     |       | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.65  | 88  | 1449  | 1.349  | ng | # 88 |
| 3) n-Nitrosodimethylamine      | 3.99  | 42  | 1785  | 1.393  | ng | # 85 |
| 6) bis(2-Chloroethyl)ether     | 7.83  | 93  | 3235  | 1.296  | ng | 93   |
| 9) Naphthalene                 | 11.33 | 128 | 37335 | 0.785  | ng | 99   |
| 10) Hexachlorobutadiene        | 11.58 | 225 | 1838  | 0.862  | ng | 98   |
| 12) 2-Methylnaphthalene        | 12.88 | 142 | 6304  | 0.773  | ng | 97   |
| 16) Acenaphthylene             | 14.74 | 152 | 10387 | 0.825  | ng | 100  |
| 17) Acenaphthene               | 15.06 | 154 | 6462  | 0.789  | ng | 97   |
| 18) Fluorene                   | 16.02 | 166 | 8080  | 0.790  | ng | # 78 |
| 20) 4-Bromophenyl-phenylether  | 16.91 | 248 | 2518  | 0.786  | ng | # 66 |
| 21) Hexachlorobenzene          | 17.03 | 284 | 2565  | 0.798  | ng | # 83 |
| 22) Pentachlorophenol          | 17.37 | 266 | 708   | 0.951  | ng | # 73 |
| 23) Phenanthrene               | 17.74 | 178 | 12939 | 0.770  | ng | 99   |
| 24) Anthracene                 | 17.83 | 178 | 11979 | 0.799  | ng | 95   |
| 26) Fluoranthene               | 19.71 | 202 | 16357 | 0.810  | ng | 98   |
| 28) Pyrene                     | 20.06 | 202 | 19439 | 0.761  | ng | 97   |
| 30) Benzo(a)anthracene         | 21.78 | 228 | 15360 | 0.813  | ng | 98   |
| 31) Chrysene                   | 21.84 | 228 | 15359 | 0.804  | ng | 99   |
| 32) Bis(2-ethylhexyl)phthalate | 21.65 | 149 | 33370 | 1.270  | ng | 100  |
| 33) Indeno(1,2,3-cd)pyrene     | 27.24 | 276 | 15751 | 0.907  | ng | 94   |
| 35) Benzo(b)fluoranthene       | 23.61 | 252 | 15104 | 0.747  | ng | # 88 |
| 36) Benzo(k)fluoranthene       | 23.67 | 252 | 15479 | 0.748  | ng | 96   |
| 37) Benzo(a)pyrene             | 24.31 | 252 | 14139 | 0.763  | ng | # 94 |
| 38) Dibenzo(a,h)anthracene     | 27.26 | 278 | 12767 | 0.818  | ng | 96   |
| 39) Benzo(g,h,i)perylene       | 28.11 | 276 | 13390 | 0.791  | ng | # 92 |

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

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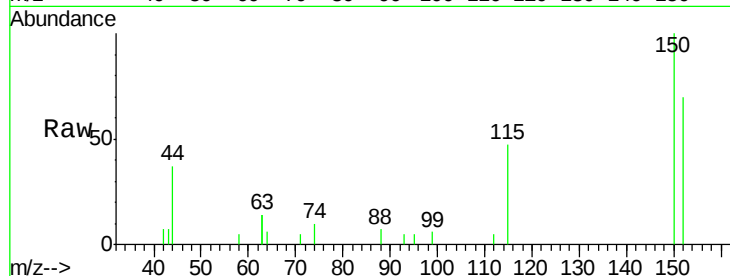




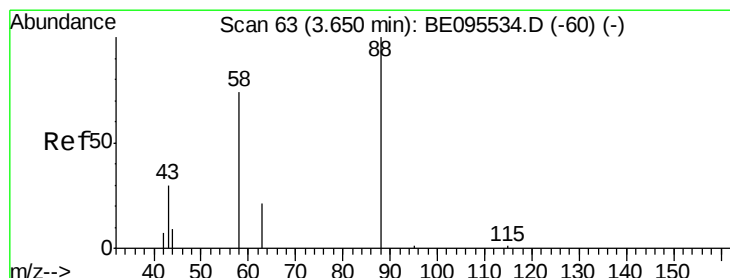
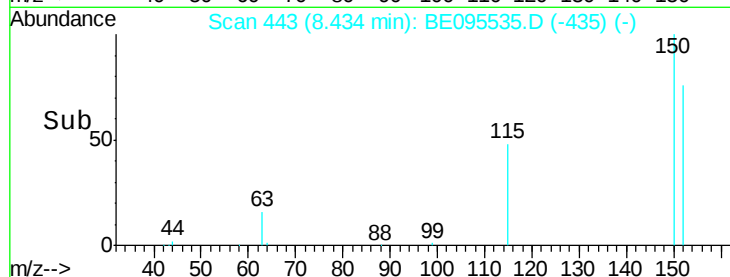
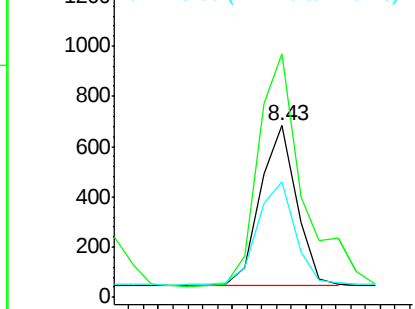
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 8.43 min Scan# 443  
 Delta R.T. -0.00 min  
 Lab File: BE095535.D  
 Acq: 6 Feb 2018 18:39

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.8

Tgt Ion:152 Resp: 1092  
 Ion Ratio Lower Upper  
 152 100  
 150 142.1 117.2 175.8  
 115 67.2 57.0 85.6

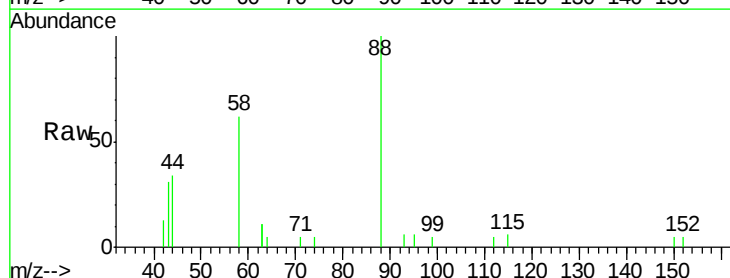


Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E

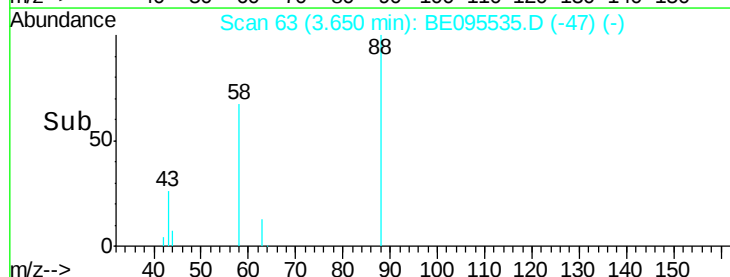
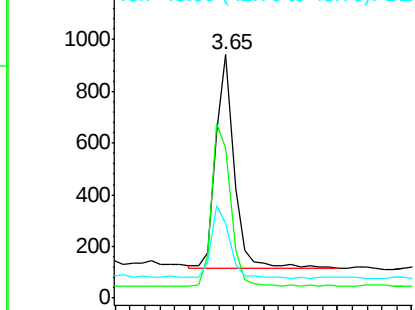


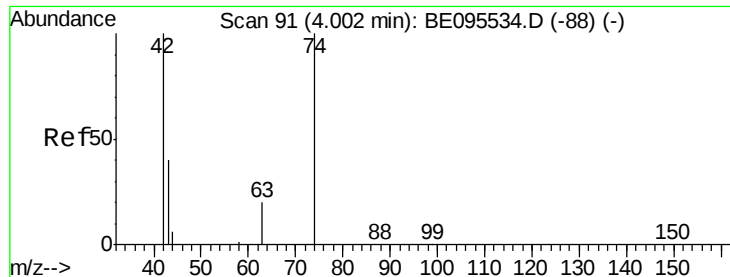
#2  
 1,4-Dioxane  
 Concen: 1.349 ng  
 RT: 3.65 min Scan# 63  
 Delta R.T. -0.00 min  
 Lab File: BE095535.D  
 Acq: 6 Feb 2018 18:39

Tgt Ion: 88 Resp: 1449  
 Ion Ratio Lower Upper  
 88 100  
 58 76.8 63.2 94.8  
 43 32.4 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: 1.393 ng

RT: 3.99 min Scan# 90

Delta R.T. -0.01 min

Lab File: BE095535.D

Acq: 6 Feb 2018 18:39

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

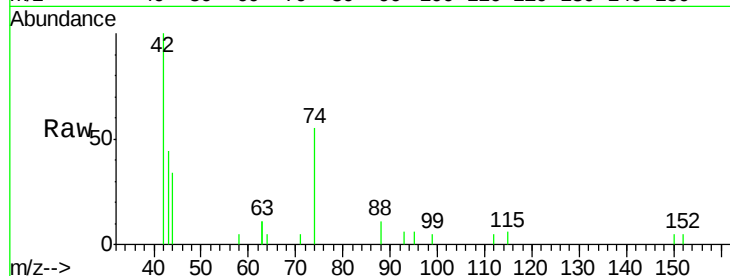
Tgt Ion: 42 Resp: 1785

Ion Ratio Lower Upper

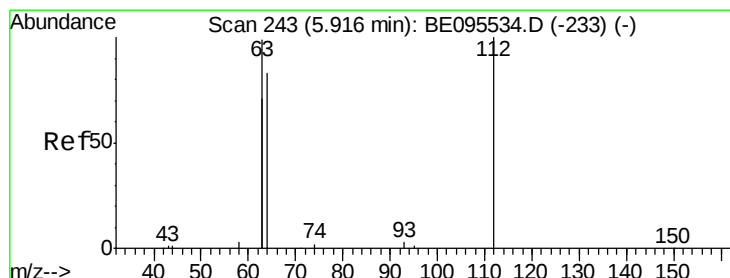
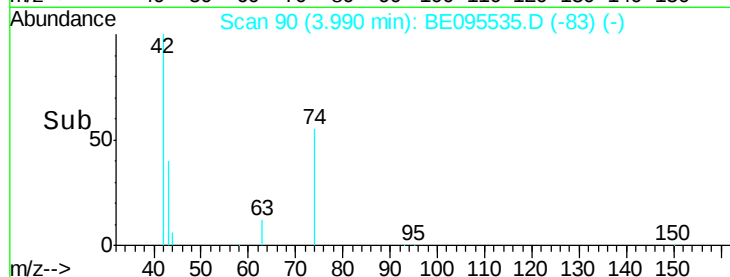
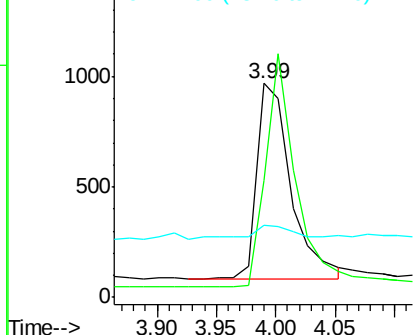
42 100

74 104.5 96.0 144.0

44 5.5 12.0 18.0#



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: 1.432 ng

RT: 5.92 min Scan# 243

Delta R.T. -0.00 min

Lab File: BE095535.D

Acq: 6 Feb 2018 18:39

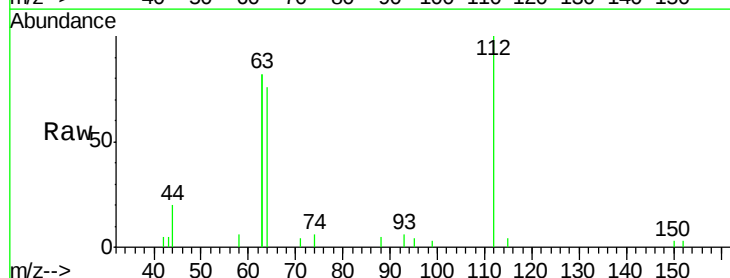
Tgt Ion: 112 Resp: 2531

Ion Ratio Lower Upper

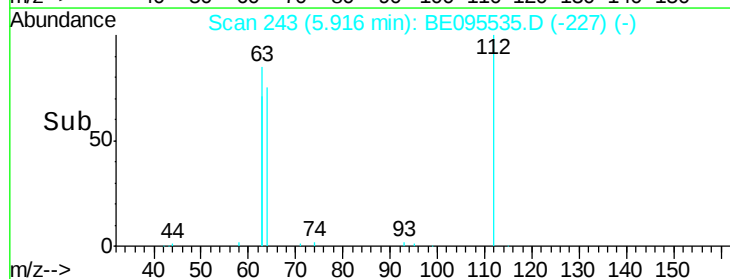
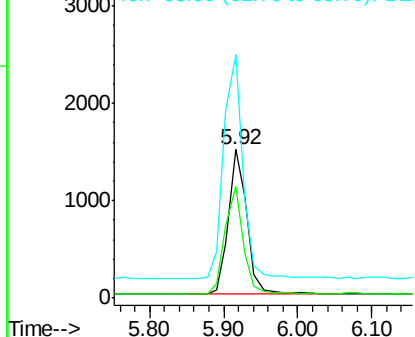
112 100

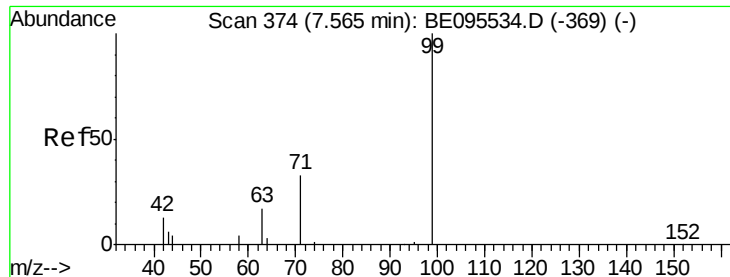
64 73.5 60.1 90.1

63 160.6 116.8 175.2



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: 1.290 ng

RT: 7.55 min Scan# 373

Delta R.T. -0.01 min

Lab File: BE095535.D

Acq: 6 Feb 2018 18:39

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

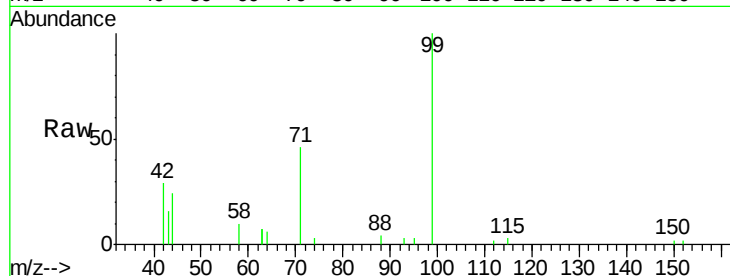
Tgt Ion: 99 Resp: 3456

Ion Ratio Lower Upper

99 100

42 25.5 20.2 30.2

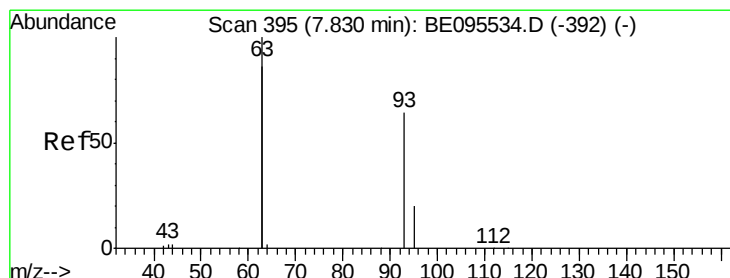
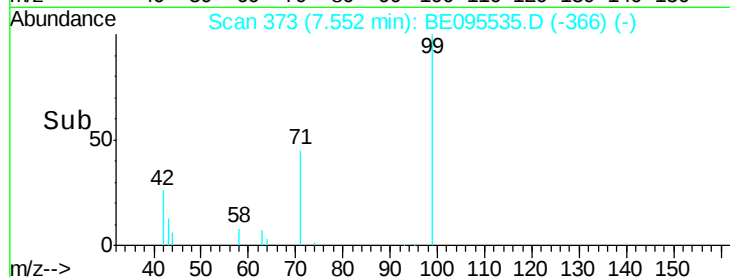
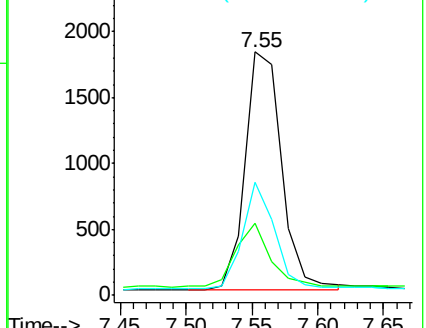
71 39.9 28.4 42.6



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



#6

bis(2-Chloroethyl)ether

Concen: 1.296 ng

RT: 7.83 min Scan# 395

Delta R.T. -0.00 min

Lab File: BE095535.D

Acq: 6 Feb 2018 18:39

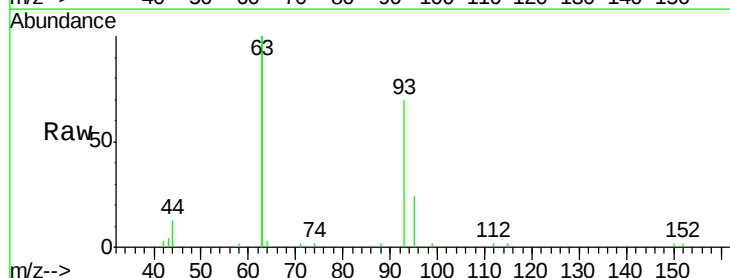
Tgt Ion: 93 Resp: 3235

Ion Ratio Lower Upper

93 100

63 327.4 275.3 412.9

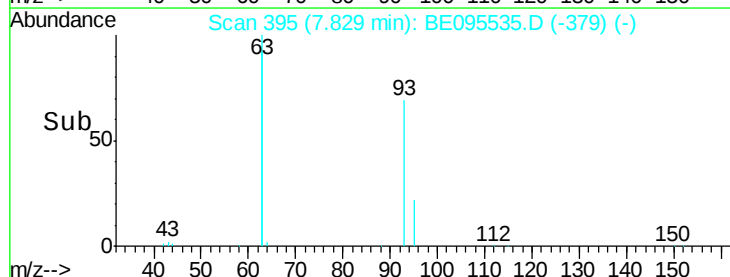
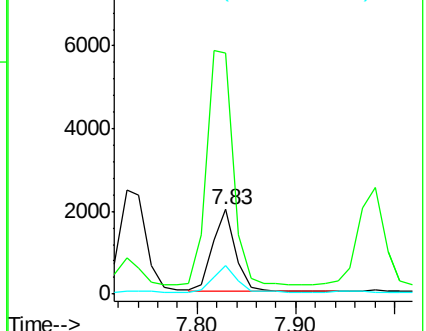
95 32.5 25.2 37.8

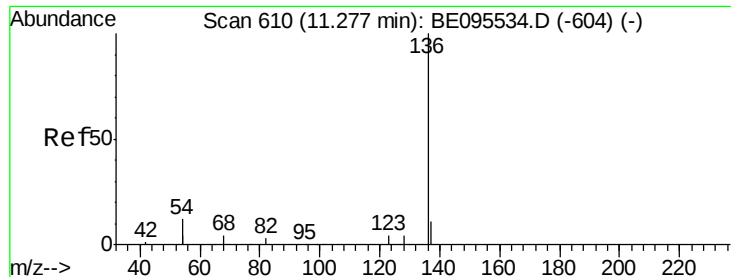


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.28 min Scan# 610

Delta R.T. -0.00 min

Lab File: BE095535.D

Acq: 6 Feb 2018 18:39

Instrument :

BNA\_E

ClientSampleId :

SSTDICC0.8

Tgt Ion:136 Resp: 4157

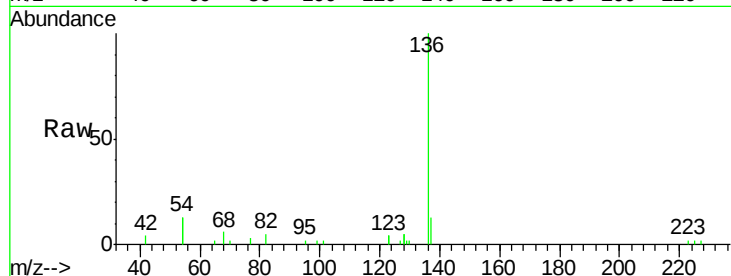
Ion Ratio Lower Upper

136 100

137 13.0 9.5 14.3

54 25.6 29.1 43.7#

68 5.6 6.2 9.2#

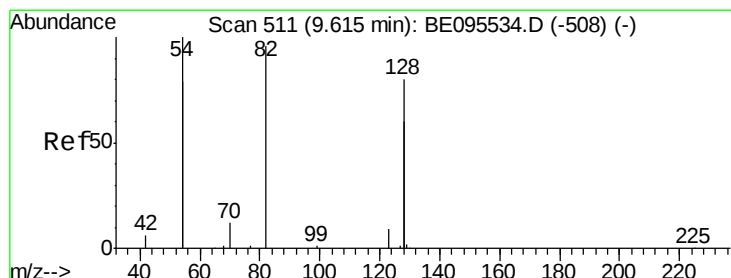
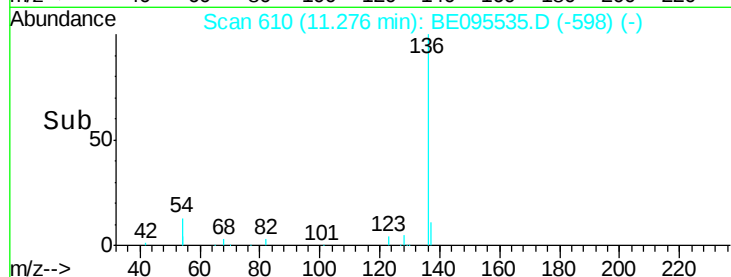
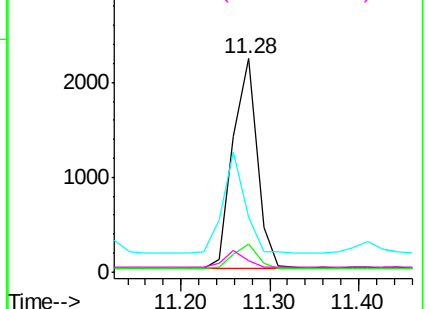


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.893 ng

RT: 9.61 min Scan# 511

Delta R.T. -0.00 min

Lab File: BE095535.D

Acq: 6 Feb 2018 18:39

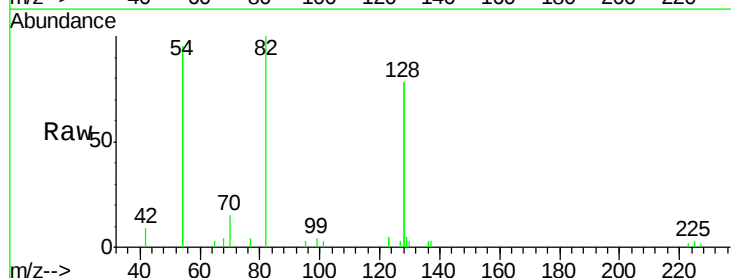
Tgt Ion: 82 Resp: 3380

Ion Ratio Lower Upper

82 100

128 155.0 150.0 225.0

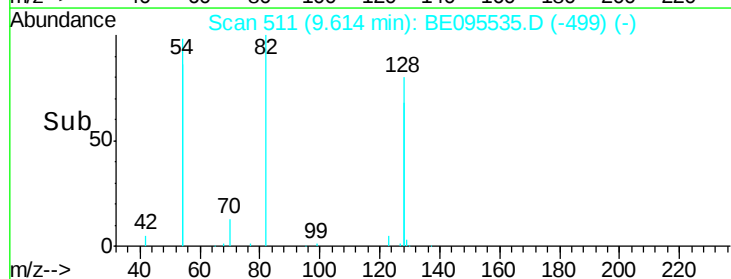
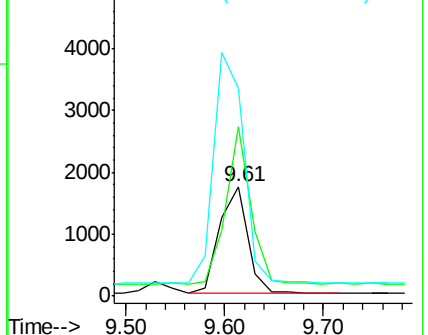
54 190.2 154.2 231.4

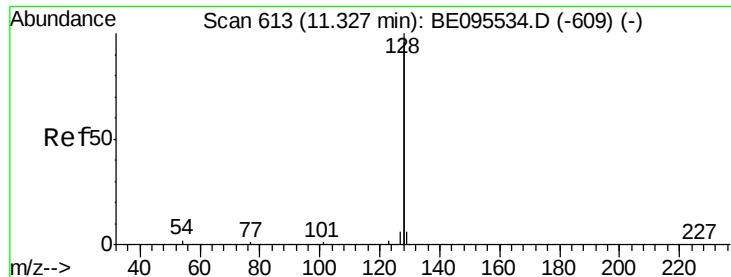


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.785 ng

RT: 11.33 min Scan# 613

Delta R.T. -0.00 min

Lab File: BE095535.D

Acq: 6 Feb 2018 18:39

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

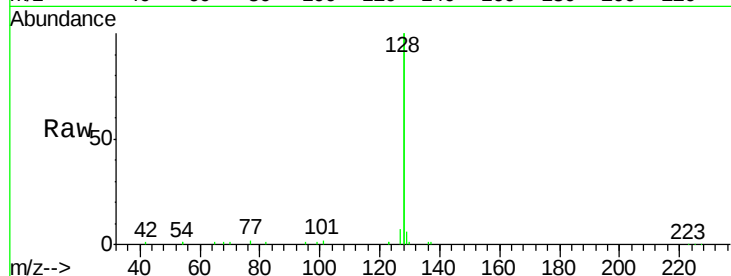
Tgt Ion:128 Resp: 37335

Ion Ratio Lower Upper

128 100

129 3.0 2.6 3.8

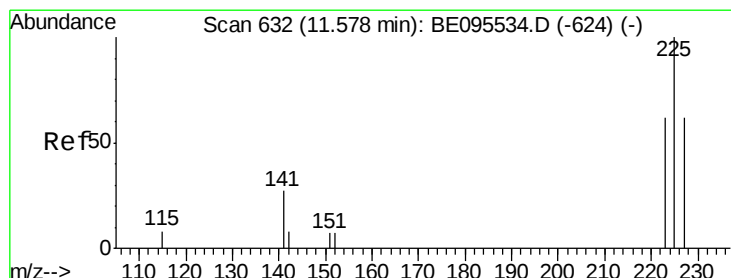
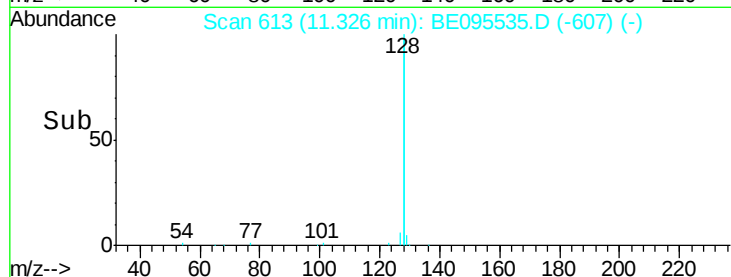
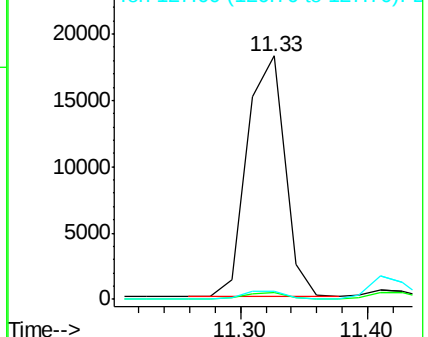
127 3.3 2.8 4.2



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: 0.862 ng

RT: 11.58 min Scan# 632

Delta R.T. -0.00 min

Lab File: BE095535.D

Acq: 6 Feb 2018 18:39

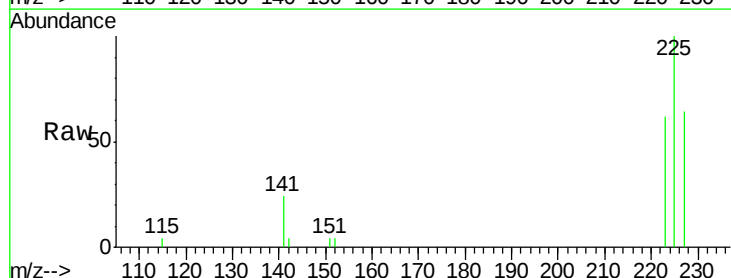
Tgt Ion:225 Resp: 1838

Ion Ratio Lower Upper

225 100

223 63.1 53.0 79.6

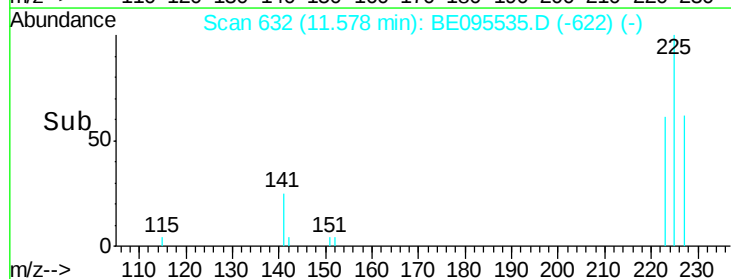
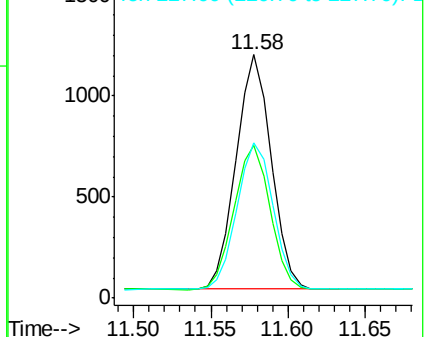
227 64.3 51.4 77.2

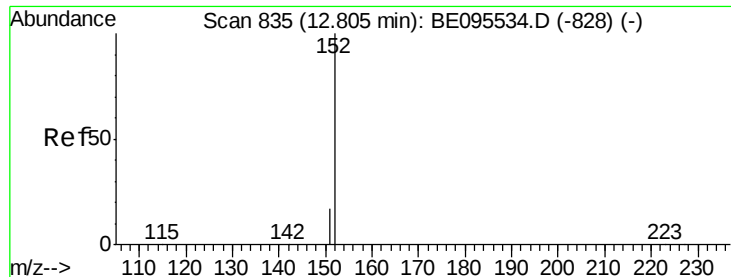


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

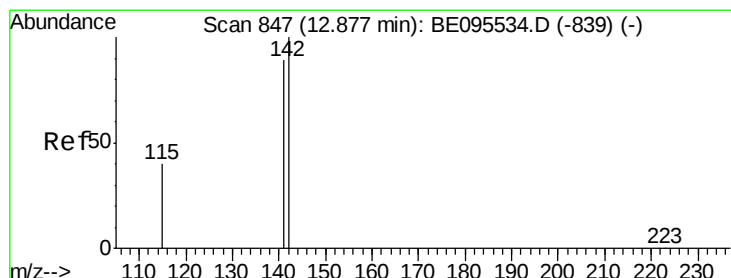
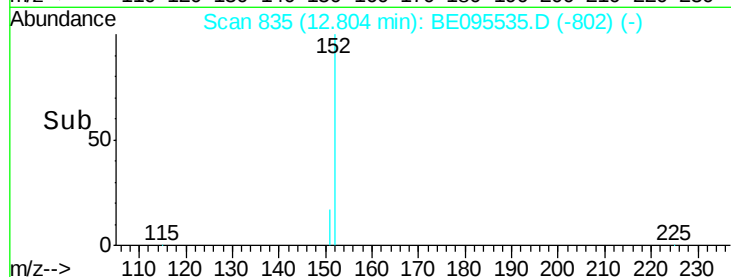
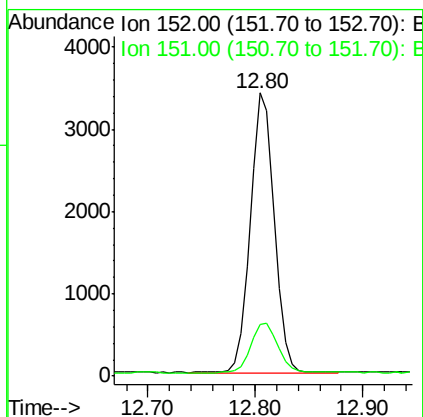
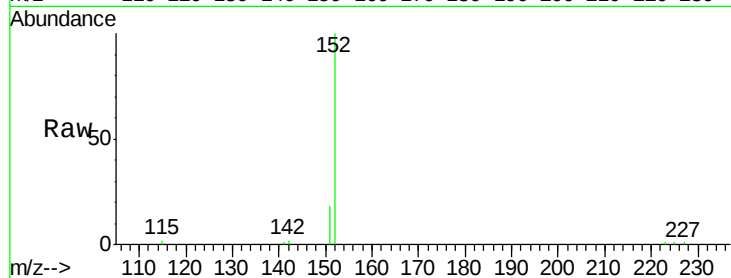




#11  
 2-Methylnaphthalene-d10  
 Concen: 0.771 ng  
 RT: 12.80 min Scan# 835  
 Delta R.T. -0.00 min  
 Lab File: BE095535.D  
 Acq: 6 Feb 2018 18:39

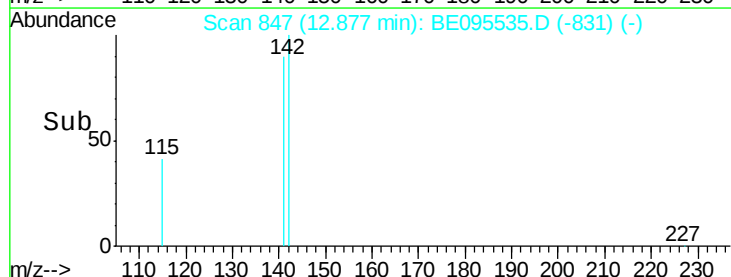
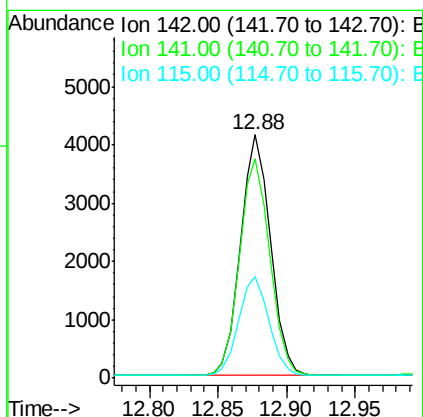
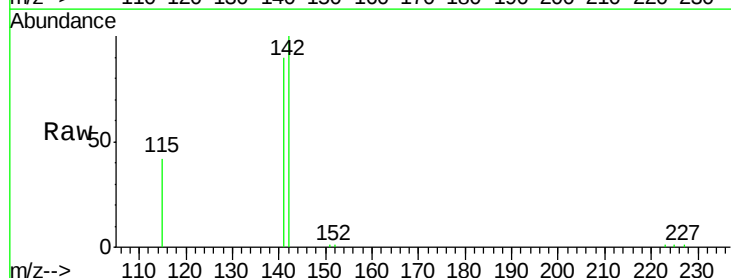
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.8

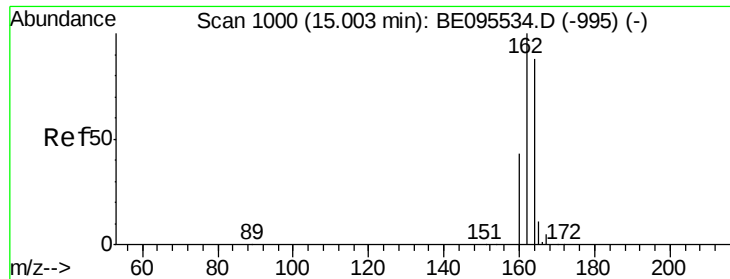
Tgt Ion:152 Resp: 5317  
 Ion Ratio Lower Upper  
 152 100  
 151 19.8 15.4 23.0



#12  
 2-Methylnaphthalene  
 Concen: 0.773 ng  
 RT: 12.88 min Scan# 847  
 Delta R.T. -0.00 min  
 Lab File: BE095535.D  
 Acq: 6 Feb 2018 18:39

Tgt Ion:142 Resp: 6304  
 Ion Ratio Lower Upper  
 142 100  
 141 90.1 70.4 105.6  
 115 41.9 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.00 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BE095535.D

Acq: 6 Feb 2018 18:39

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

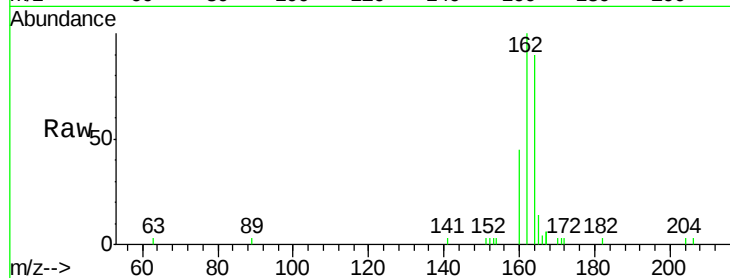
Tgt Ion:164 Resp: 2351

Ion Ratio Lower Upper

164 100

162 110.5 83.1 124.7

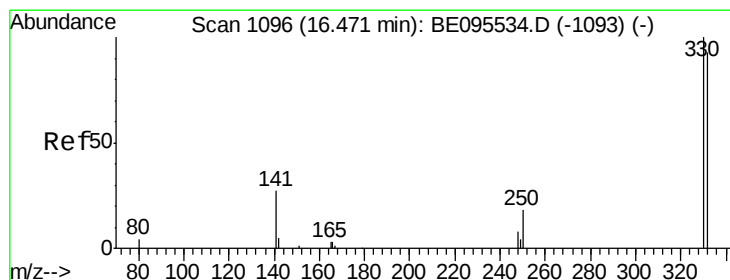
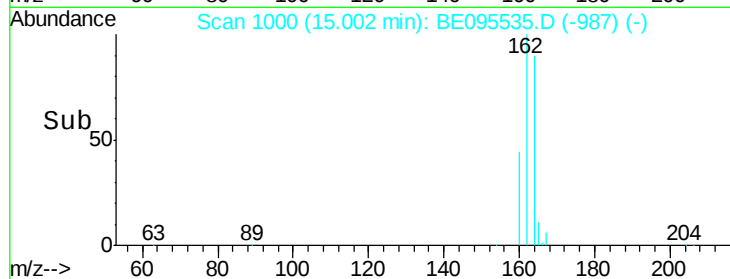
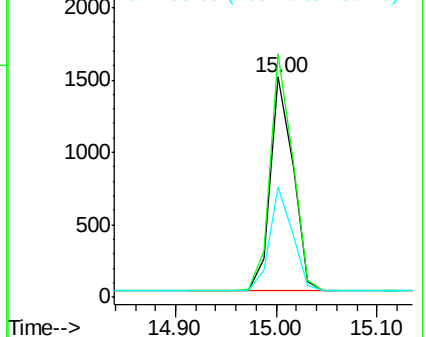
160 50.1 37.1 55.7



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: 1.389 ng

RT: 16.47 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BE095535.D

Acq: 6 Feb 2018 18:39

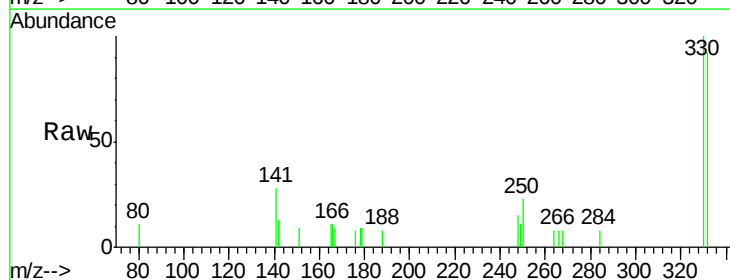
Tgt Ion:330 Resp: 792

Ion Ratio Lower Upper

330 100

332 94.3 152.7 229.1#

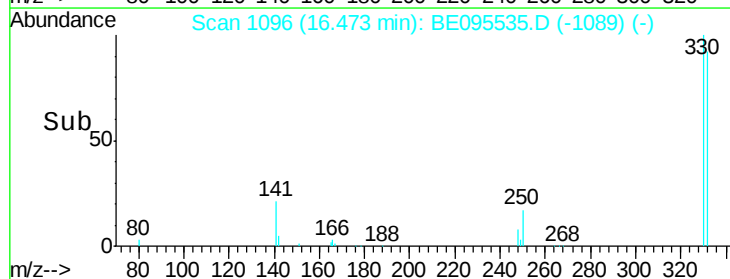
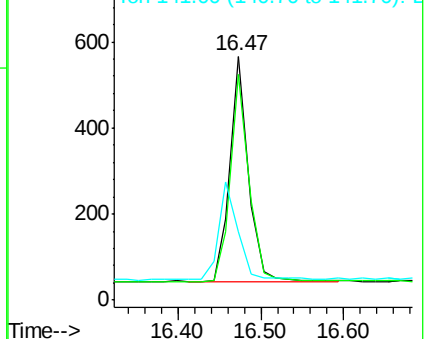
141 45.5 33.7 50.5

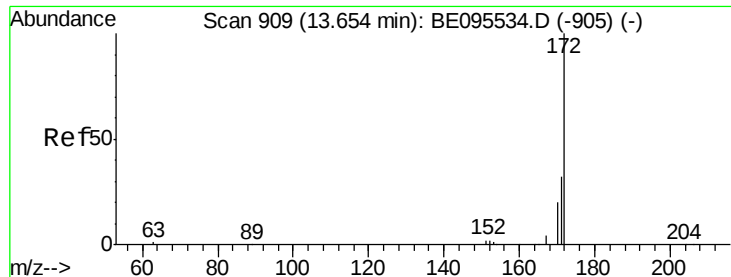


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

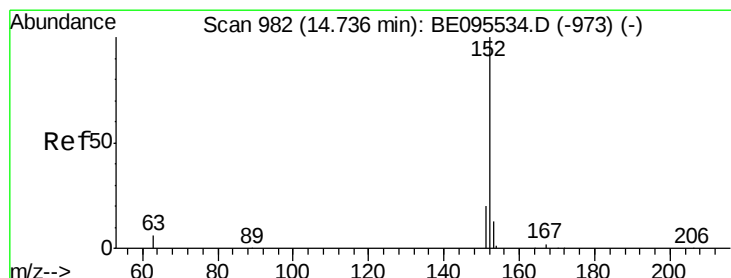
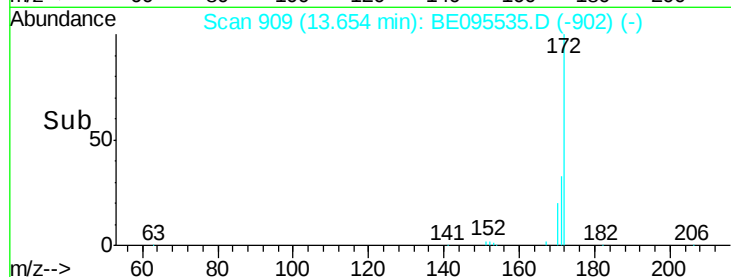
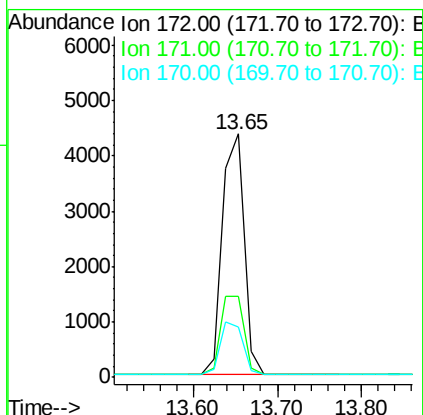
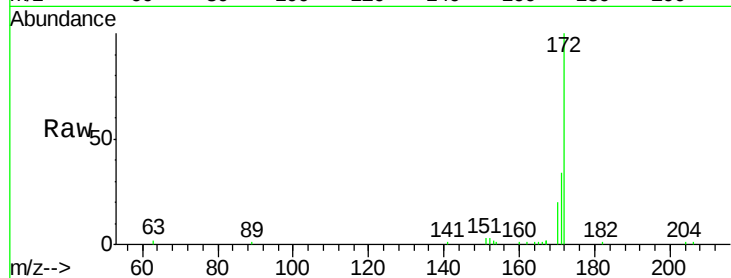




#15  
2-Fluorobiphenyl  
Concen: 0.763 ng  
RT: 13.65 min Scan# 909  
Delta R.T. -0.00 min  
Lab File: BE095535.D  
Acq: 6 Feb 2018 18:39

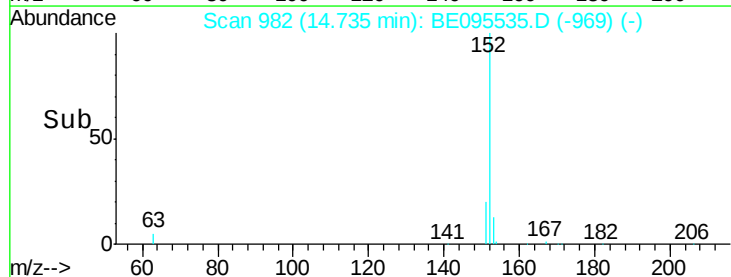
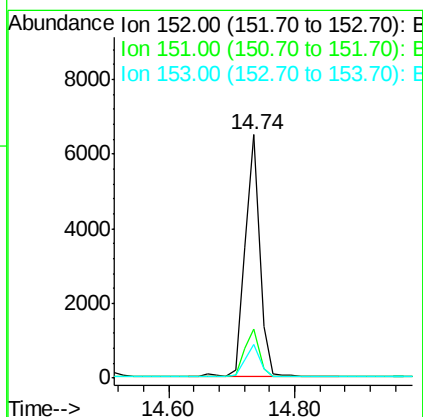
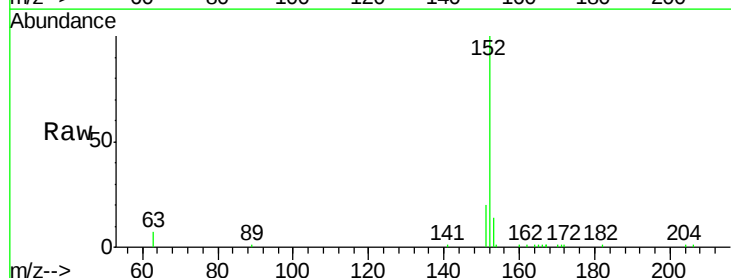
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.8

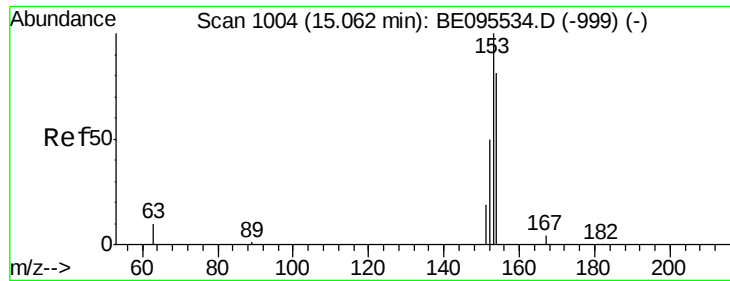
Tgt Ion:172 Resp: 7880  
Ion Ratio Lower Upper  
172 100  
171 33.5 29.9 44.9  
170 20.4 21.8 32.8#



#16  
Acenaphthylene  
Concen: 0.825 ng  
RT: 14.74 min Scan# 982  
Delta R.T. -0.00 min  
Lab File: BE095535.D  
Acq: 6 Feb 2018 18:39

Tgt Ion:152 Resp: 10387  
Ion Ratio Lower Upper  
152 100  
151 19.9 15.7 23.5  
153 13.1 10.5 15.7

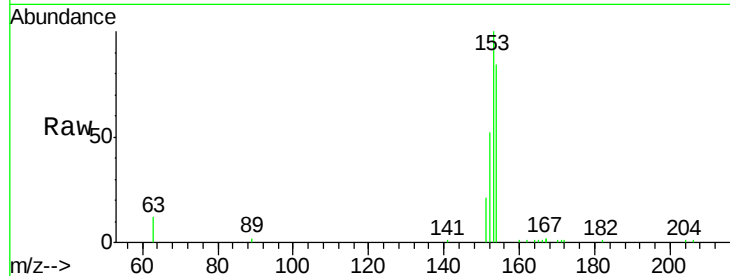




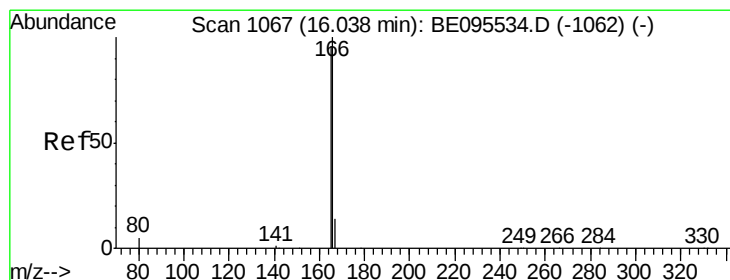
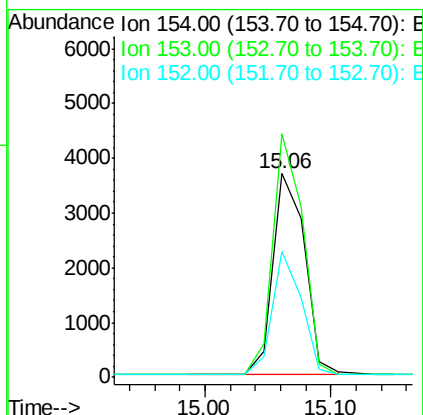
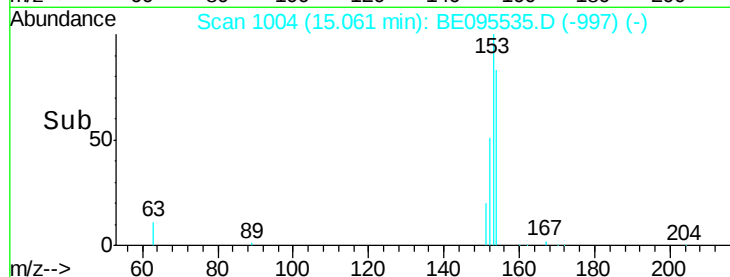
#17  
Acenaphthene  
Concen: 0.789 ng  
RT: 15.06 min Scan# 1004  
Delta R.T. -0.00 min  
Lab File: BE095535.D  
Acq: 6 Feb 2018 18:39

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.8

Tgt Ion:154 Resp: 6462  
Ion Ratio Lower Upper  
154 100  
153 113.8 89.2 133.8  
152 56.5 42.0 63.0

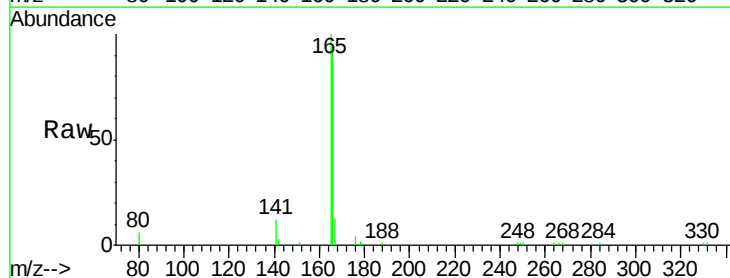


Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E

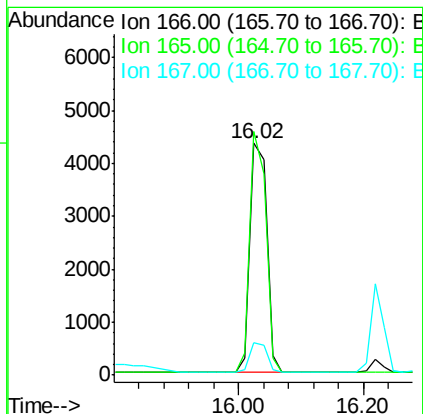
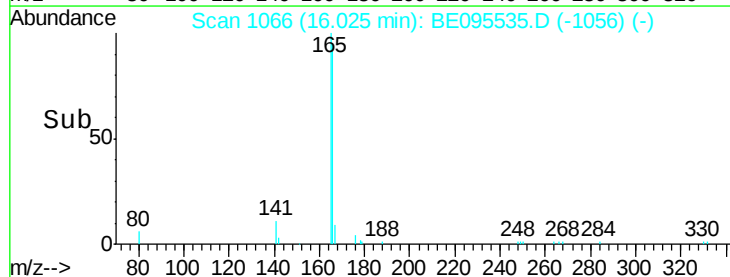


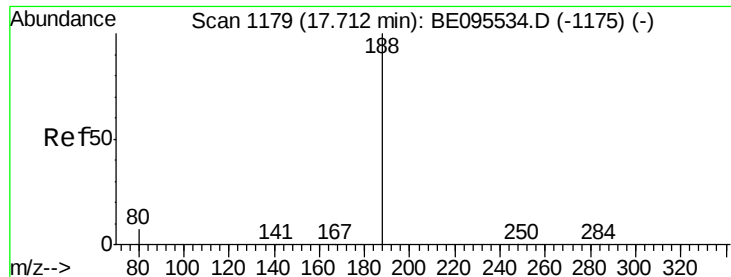
#18  
Fluorene  
Concen: 0.790 ng  
RT: 16.02 min Scan# 1066  
Delta R.T. -0.01 min  
Lab File: BE095535.D  
Acq: 6 Feb 2018 18:39

Tgt Ion:166 Resp: 8080  
Ion Ratio Lower Upper  
166 100  
165 99.9 77.8 116.6  
167 13.2 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: 17.71 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BE095535.D

Acq: 6 Feb 2018 18:39

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

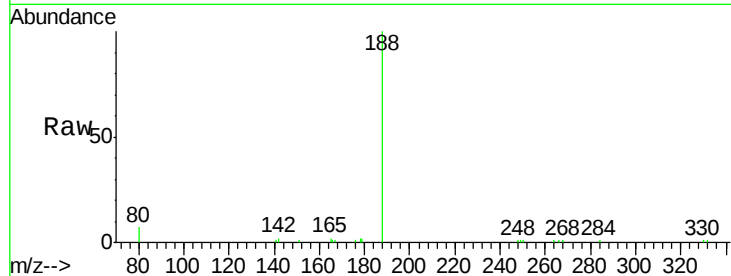
Tgt Ion:188 Resp: 5441

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

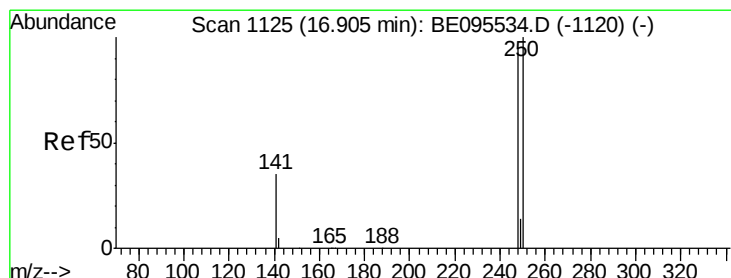
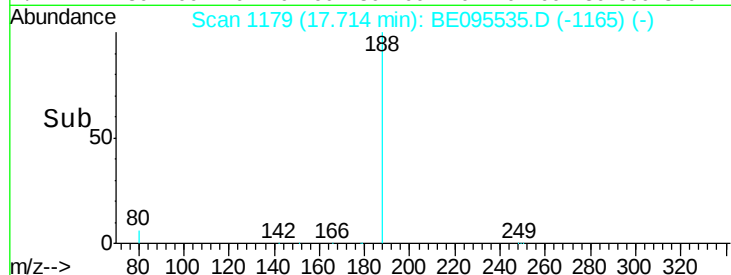
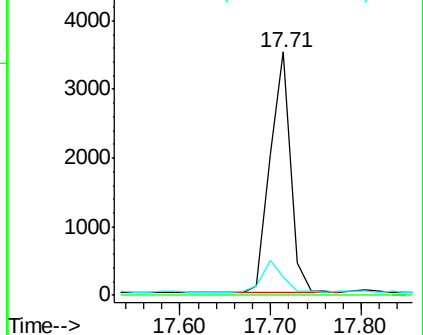
80 7.4 3.6 5.4#



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: 0.786 ng

RT: 16.91 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BE095535.D

Acq: 6 Feb 2018 18:39

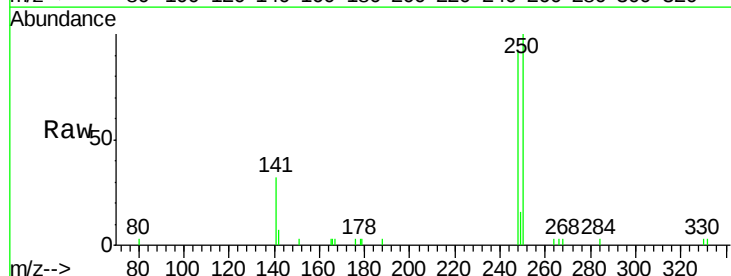
Tgt Ion:248 Resp: 2518

Ion Ratio Lower Upper

248 100

250 109.1 62.7 94.1#

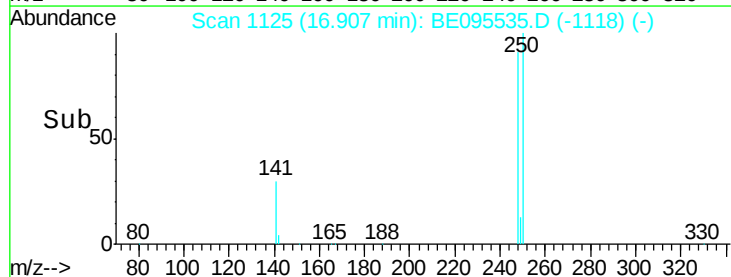
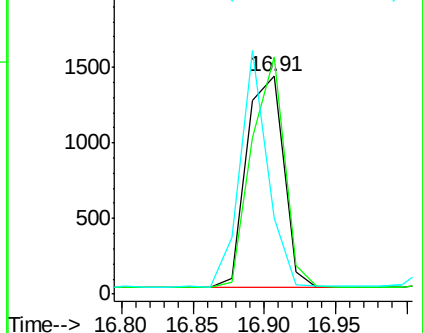
141 34.8 48.2 72.2#

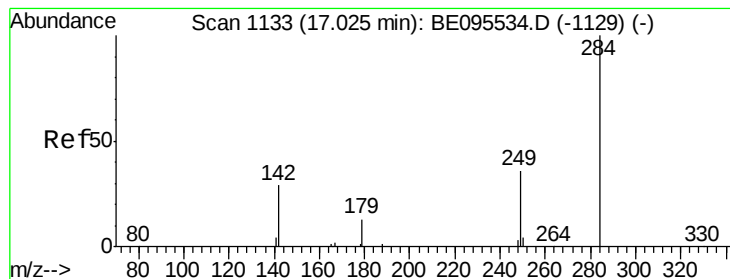


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.798 ng

RT: 17.03 min Scan# 1133

Delta R.T. 0.00 min

Lab File: BE095535.D

Acq: 6 Feb 2018 18:39

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

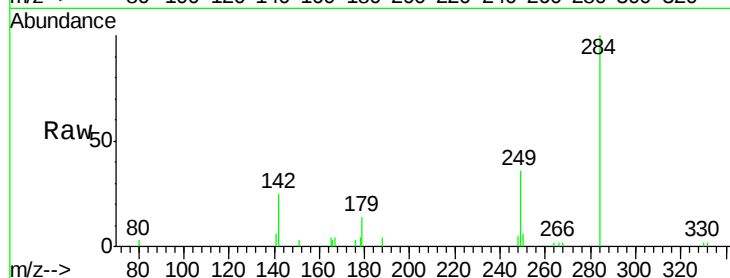
Tgt Ion:284 Resp: 2565

Ion Ratio Lower Upper

284 100

142 41.4 22.1 33.1#

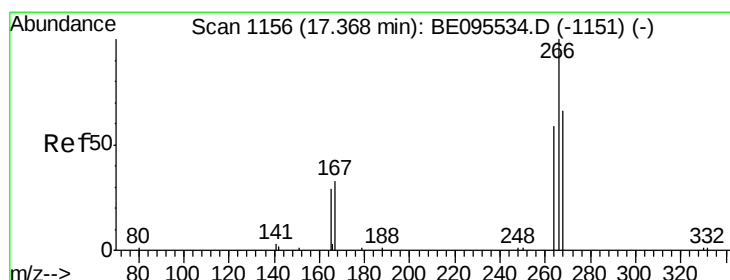
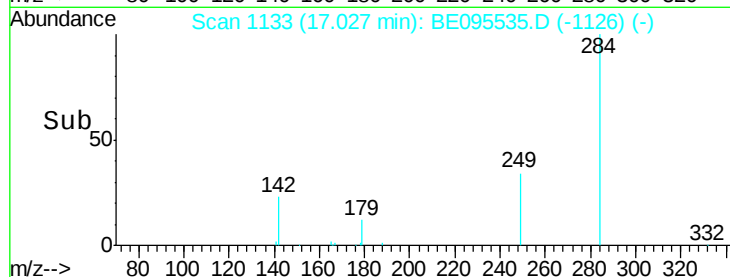
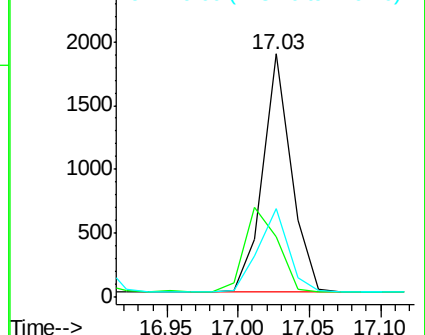
249 36.4 34.8 52.2



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: 0.951 ng

RT: 17.37 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BE095535.D

Acq: 6 Feb 2018 18:39

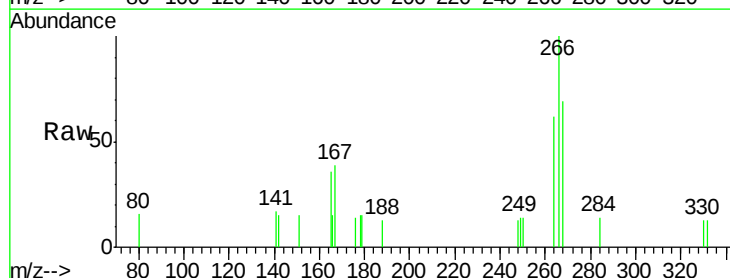
Tgt Ion:266 Resp: 708

Ion Ratio Lower Upper

266 100

264 62.3 72.5 108.7#

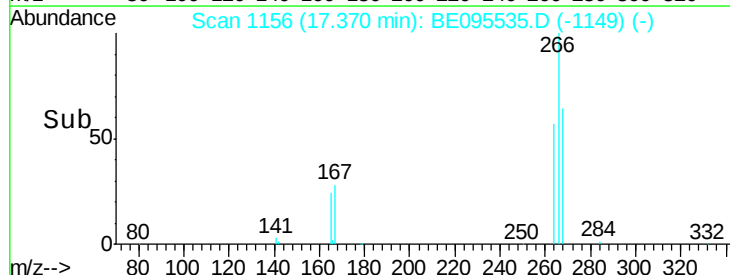
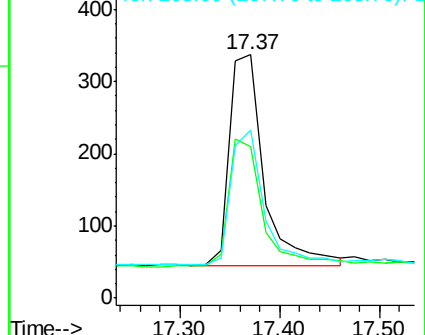
268 69.1 73.8 110.6#

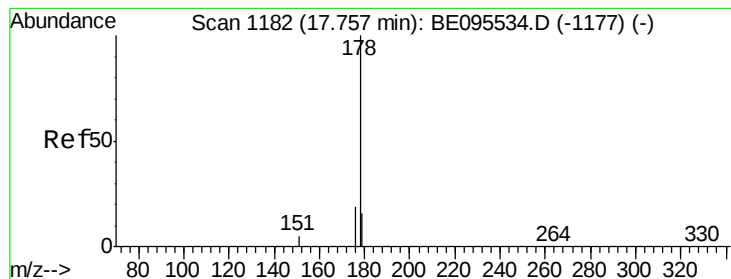


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.770 ng

RT: 17.74 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BE095535.D

Acq: 6 Feb 2018 18:39

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

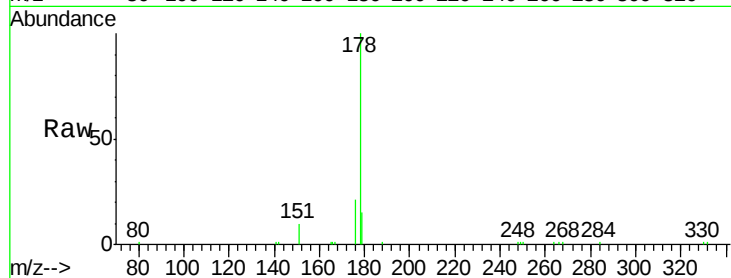
Tgt Ion:178 Resp: 12939

Ion Ratio Lower Upper

178 100

176 19.4 15.1 22.7

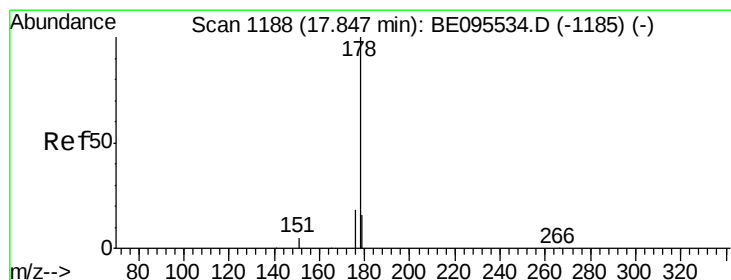
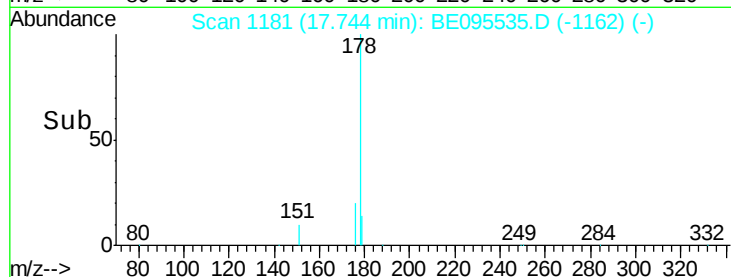
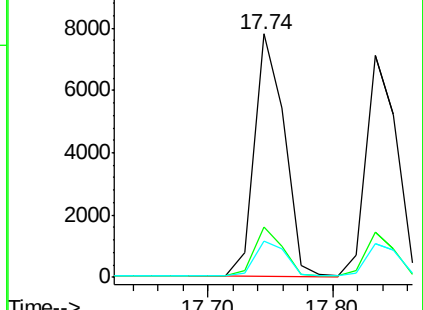
179 14.9 11.8 17.6



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: 0.799 ng

RT: 17.83 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BE095535.D

Acq: 6 Feb 2018 18:39

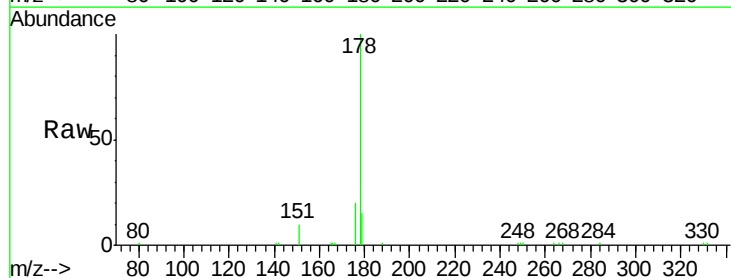
Tgt Ion:178 Resp: 11979

Ion Ratio Lower Upper

178 100

176 18.9 12.8 19.2

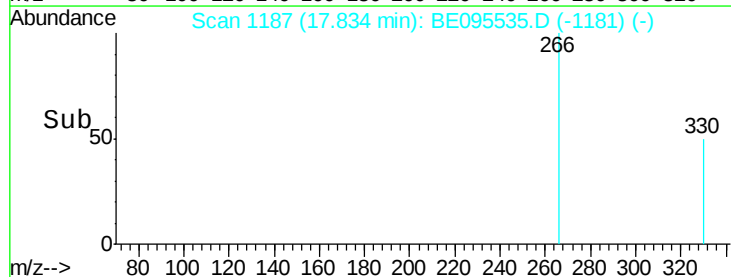
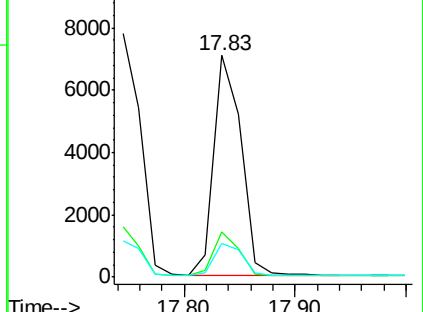
179 15.1 13.0 19.6

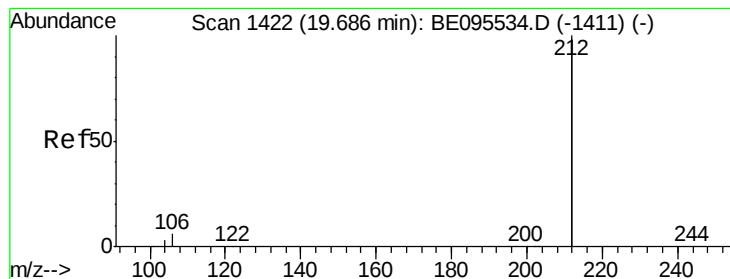


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.811 ng

RT: 19.69 min Scan# 1423

Delta R.T. 0.01 min

Lab File: BE095535.D

Acq: 6 Feb 2018 18:39

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

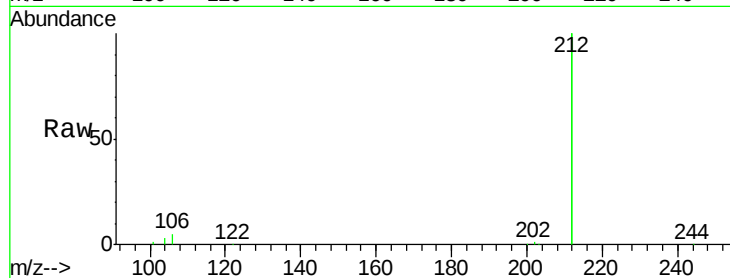
Tgt Ion:212 Resp: 55485

Ion Ratio Lower Upper

212 100

106 2.9 2.8 4.2

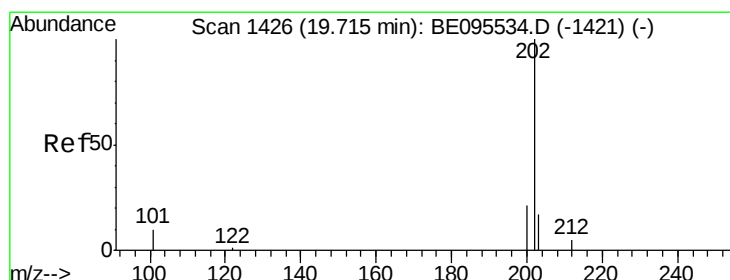
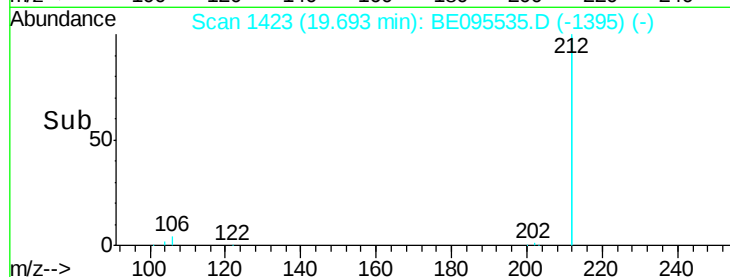
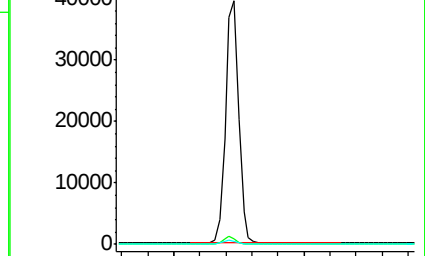
104 1.7 1.6 2.4



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: 0.810 ng

RT: 19.71 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BE095535.D

Acq: 6 Feb 2018 18:39

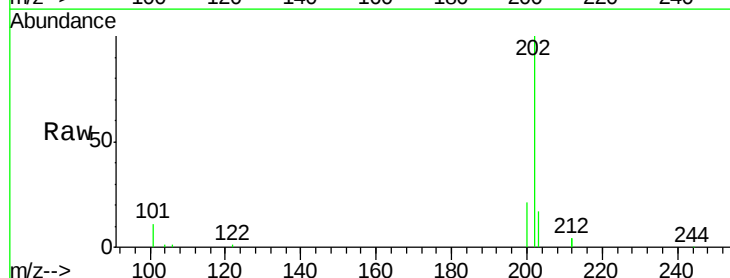
Tgt Ion:202 Resp: 16357

Ion Ratio Lower Upper

202 100

101 10.4 9.8 14.8

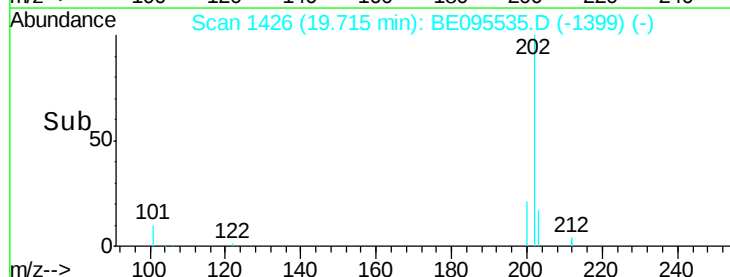
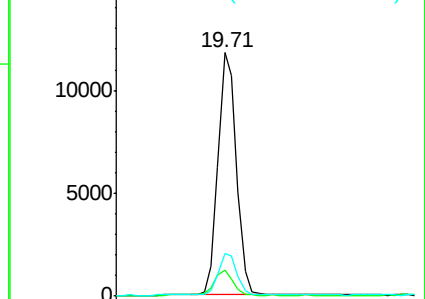
203 17.1 13.7 20.5

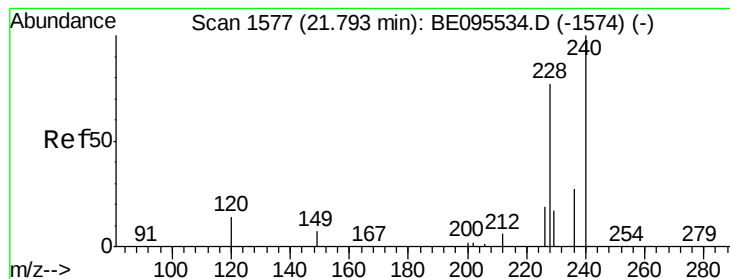


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.79 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BE095535.D

Acq: 6 Feb 2018 18:39

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

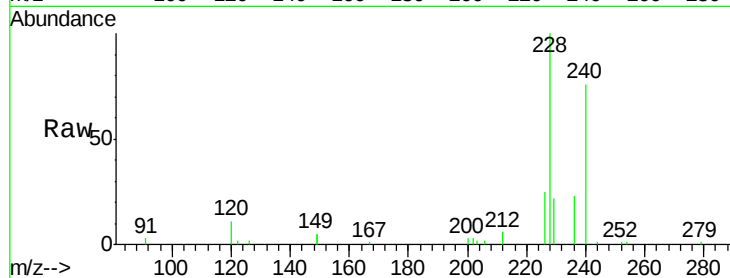
Tgt Ion:240 Resp: 6038

Ion Ratio Lower Upper

240 100

120 14.3 5.5 8.3#

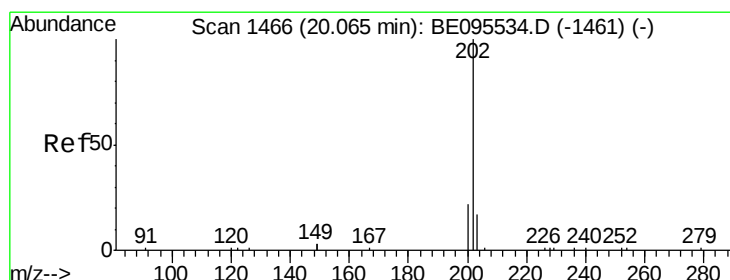
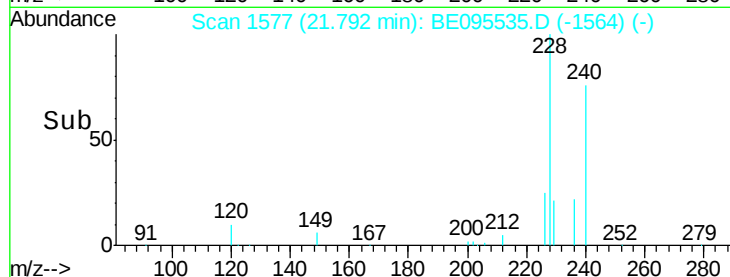
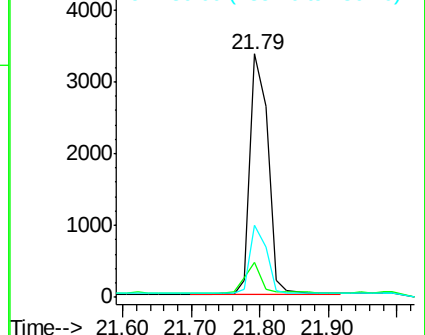
236 29.5 20.7 31.1



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: 0.761 ng

RT: 20.06 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BE095535.D

Acq: 6 Feb 2018 18:39

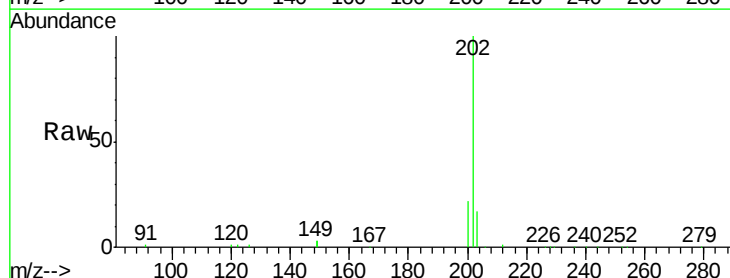
Tgt Ion:202 Resp: 19439

Ion Ratio Lower Upper

202 100

200 22.0 16.6 25.0

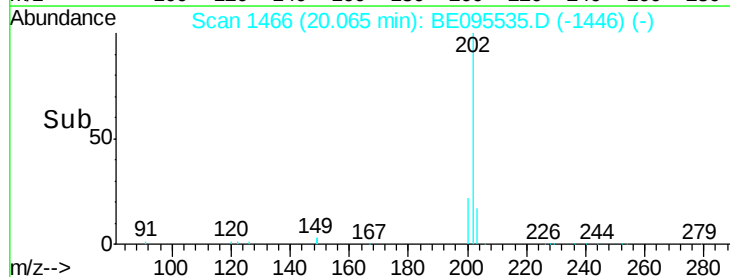
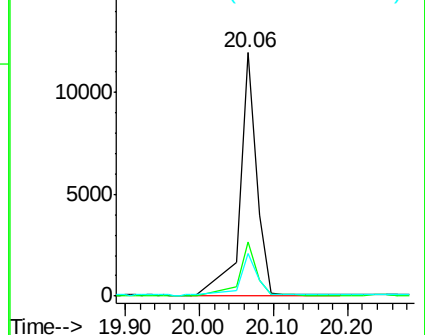
203 16.1 13.8 20.8



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: 0.747 ng

RT: 20.25 min Scan# 1478

Delta R.T. -0.00 min

Lab File: BE095535.D

Acq: 6 Feb 2018 18:39

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

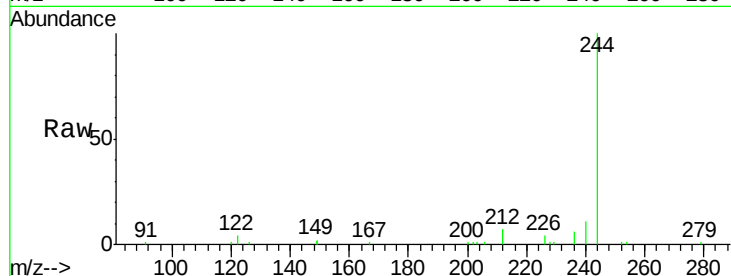
Tgt Ion:244 Resp: 9238

Ion Ratio Lower Upper

244 100

212 7.0 25.4 38.0#

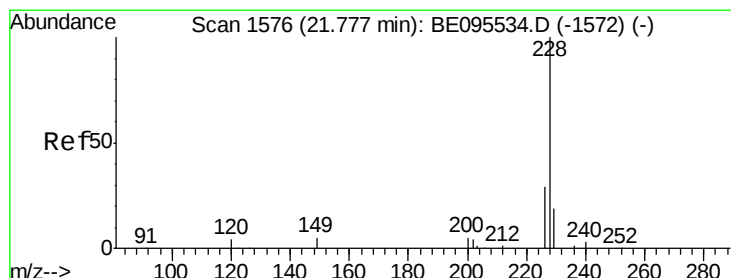
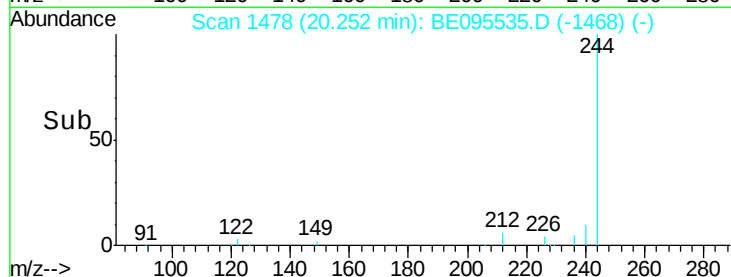
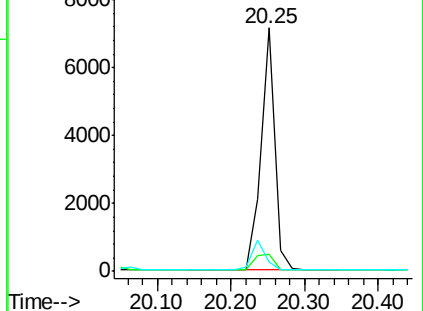
122 3.6 8.1 12.1#



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: 0.813 ng

RT: 21.78 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BE095535.D

Acq: 6 Feb 2018 18:39

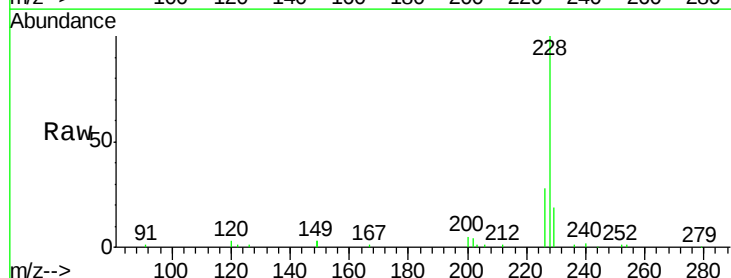
Tgt Ion:228 Resp: 15360

Ion Ratio Lower Upper

228 100

226 28.4 24.0 36.0

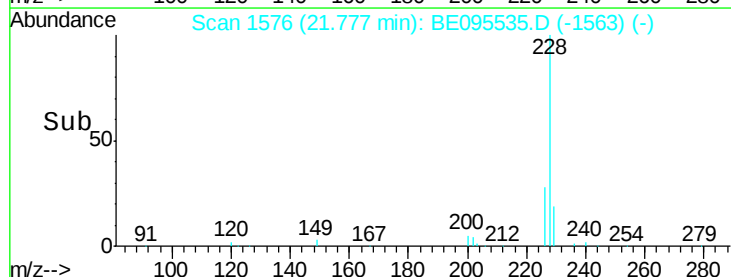
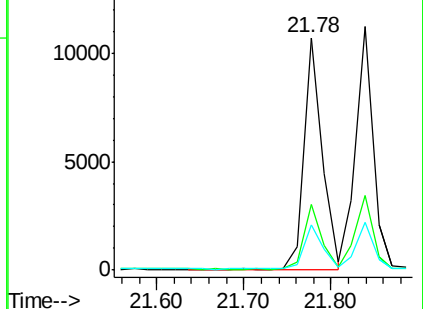
229 19.3 16.0 24.0

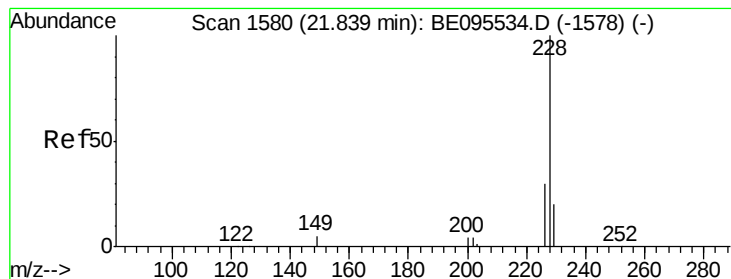


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.804 ng

RT: 21.84 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BE095535.D

Acq: 6 Feb 2018 18:39

Instrument :

BNA\_E

ClientSampleId :

SSTDICC0.8

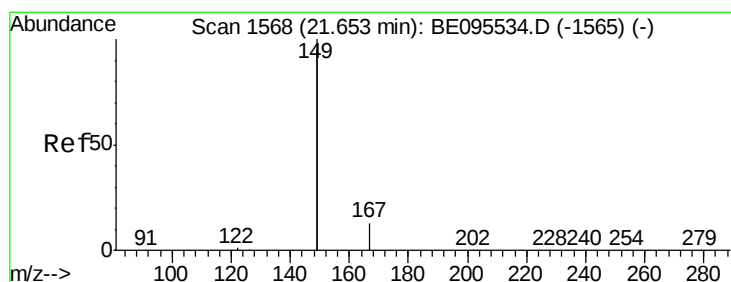
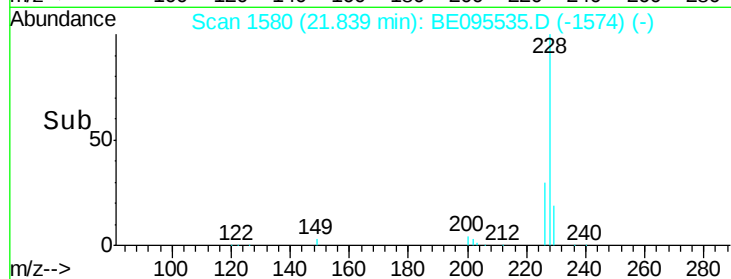
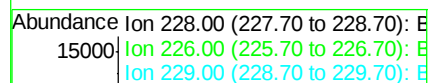
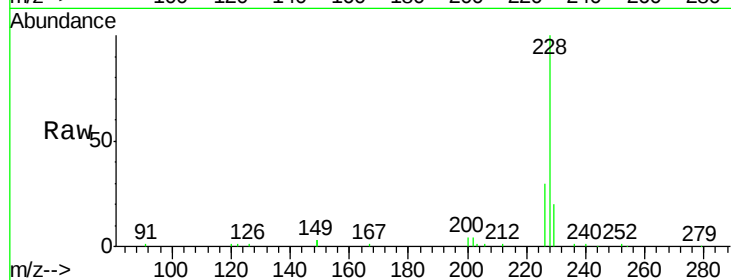
Tgt Ion:228 Resp: 15359

Ion Ratio Lower Upper

228 100

226 30.4 24.0 36.0

229 19.5 16.0 24.0



#32

Bis(2-ethylhexyl)phthalate

Concen: 1.270 ng

RT: 21.65 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BE095535.D

Acq: 6 Feb 2018 18:39

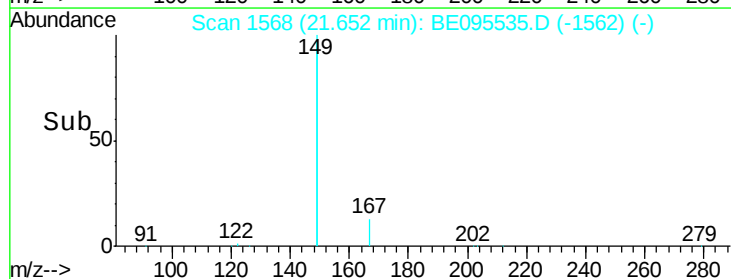
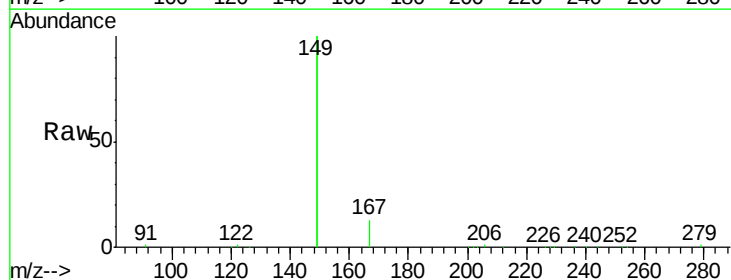
Tgt Ion:149 Resp: 33370

Ion Ratio Lower Upper

149 100

167 6.8 5.4 8.0

279 0.8 0.7 1.1

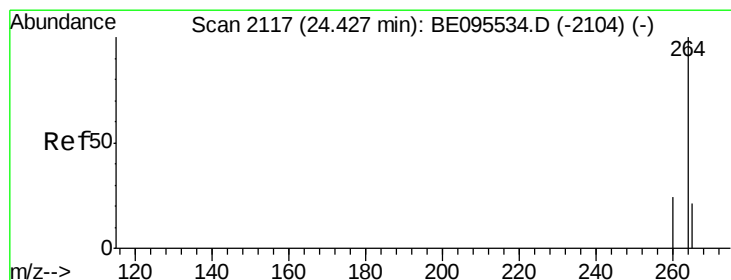
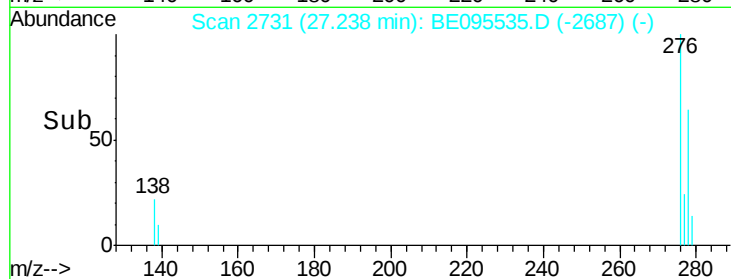
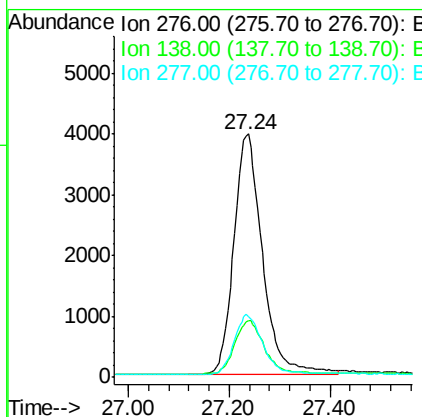
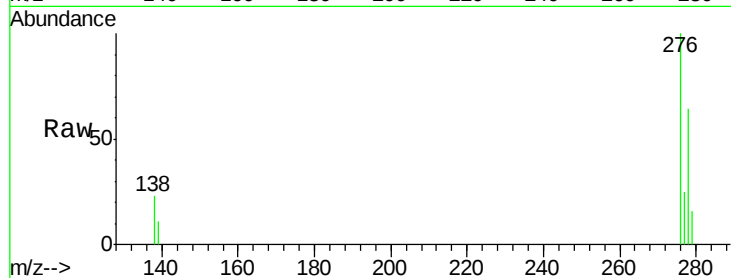




#33  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.907 ng  
 RT: 27.24 min Scan# 2731  
 Delta R.T. -0.00 min  
 Lab File: BE095535.D  
 Acq: 6 Feb 2018 18:39

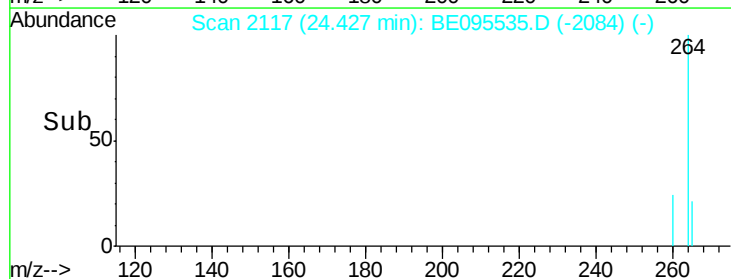
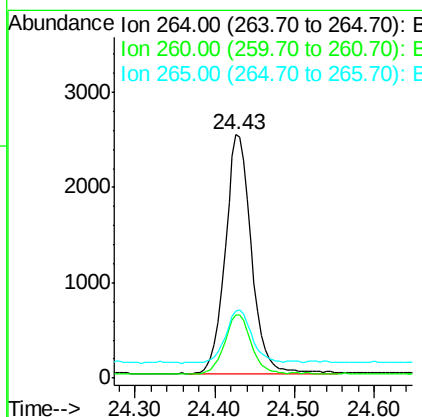
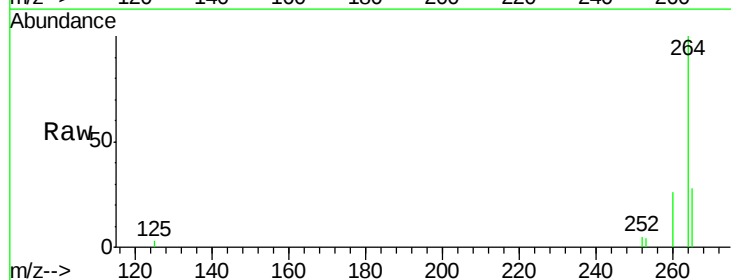
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.8

Tgt Ion:276 Resp: 15751  
 Ion Ratio Lower Upper  
 276 100  
 138 22.5 22.5 33.7  
 277 24.6 19.9 29.9



#34  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.43 min Scan# 2117  
 Delta R.T. 0.00 min  
 Lab File: BE095535.D  
 Acq: 6 Feb 2018 18:39

Tgt Ion:264 Resp: 5702  
 Ion Ratio Lower Upper  
 264 100  
 260 25.8 20.5 30.7  
 265 27.6 22.8 34.2





#35

Benzo(b)fluoranthene

Concen: 0.747 ng

RT: 23.61 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BE095535.D

Acq: 6 Feb 2018 18:39

Instrument :

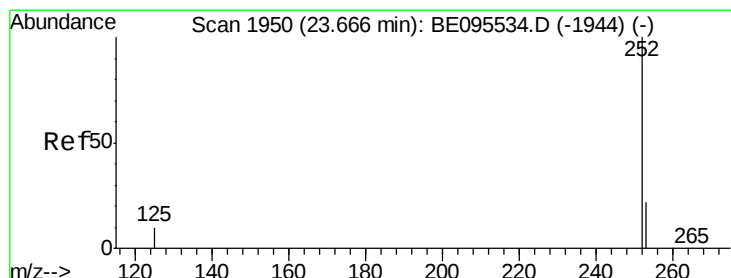
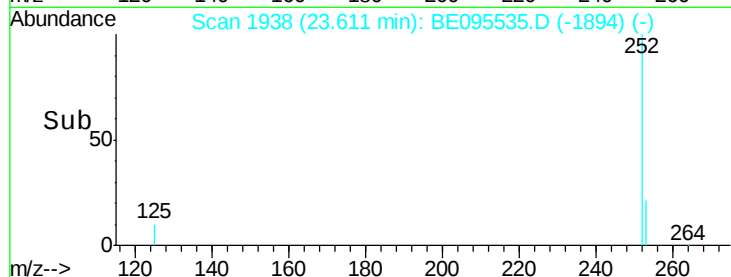
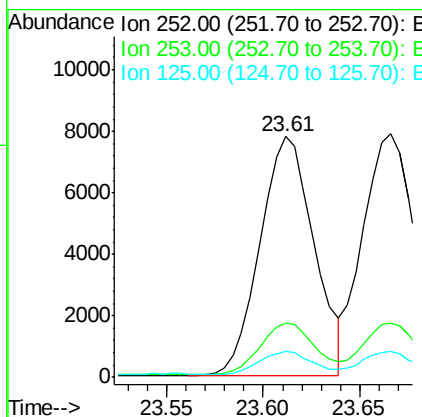
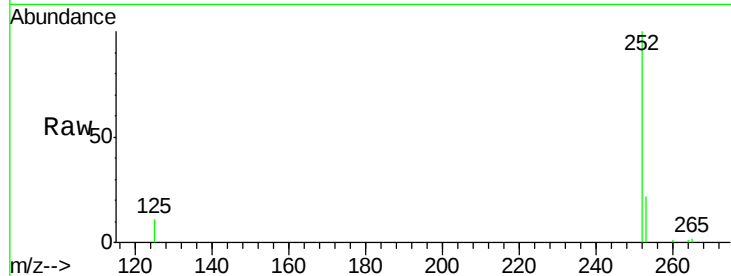
BNA\_E

ClientSampleId :

SSTDICC0.8

Tgt Ion:252 Resp: 15104

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.3  | 20.0  | 30.0  |
| 125 | 10.7  | 16.0  | 24.0# |



#36

Benzo(k)fluoranthene

Concen: 0.748 ng

RT: 23.67 min Scan# 1950

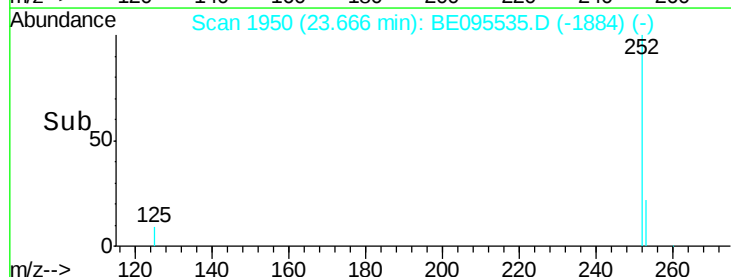
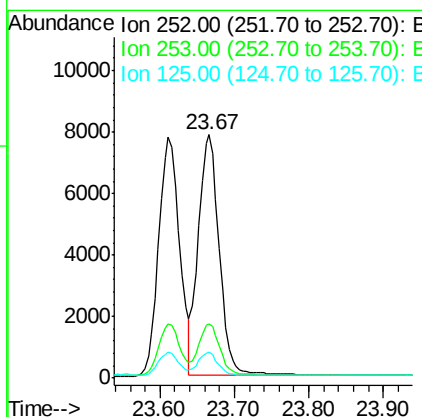
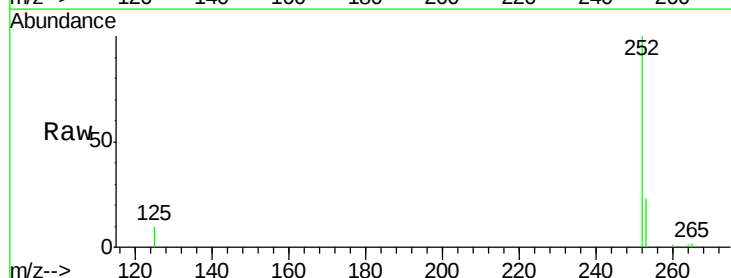
Delta R.T. 0.00 min

Lab File: BE095535.D

Acq: 6 Feb 2018 18:39

Tgt Ion:252 Resp: 15479

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.5  | 16.0  | 24.0  |
| 125 | 10.4  | 8.0   | 12.0  |





#37

Benzo(a)pyrene

Concen: 0.763 ng

RT: 24.31 min Scan# 2091

Delta R.T. 0.00 min

Lab File: BE095535.D

Acq: 6 Feb 2018 18:39

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8

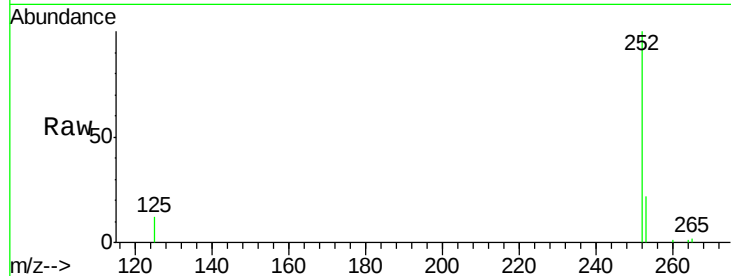
Tgt Ion:252 Resp: 14139

Ion Ratio Lower Upper

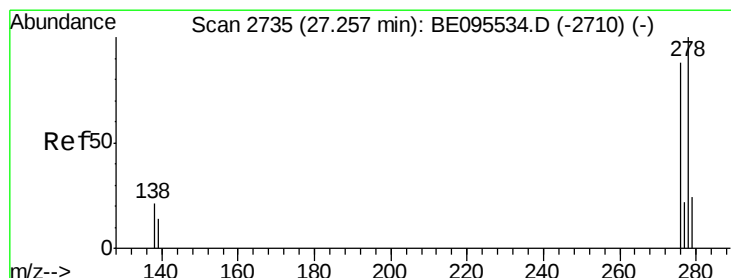
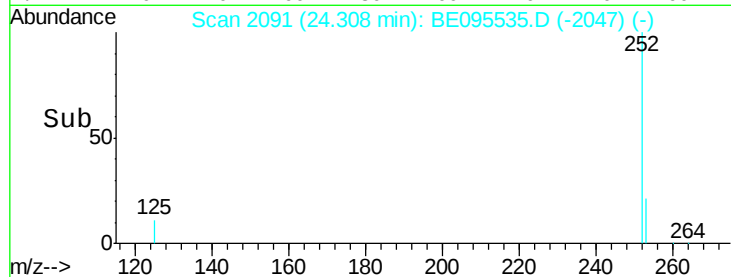
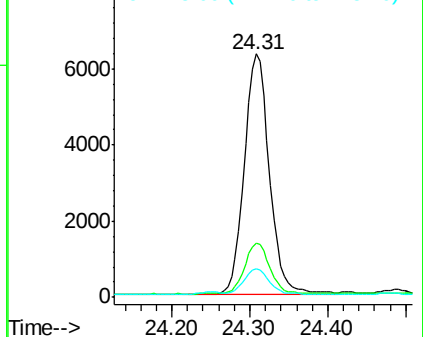
252 100

253 22.4 16.0 24.0

125 11.7 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: 0.818 ng

RT: 27.26 min Scan# 2735

Delta R.T. -0.00 min

Lab File: BE095535.D

Acq: 6 Feb 2018 18:39

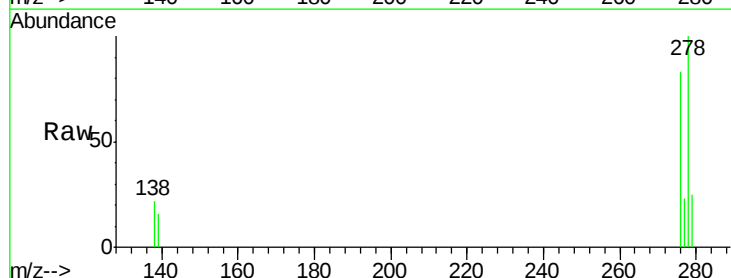
Tgt Ion:278 Resp: 12767

Ion Ratio Lower Upper

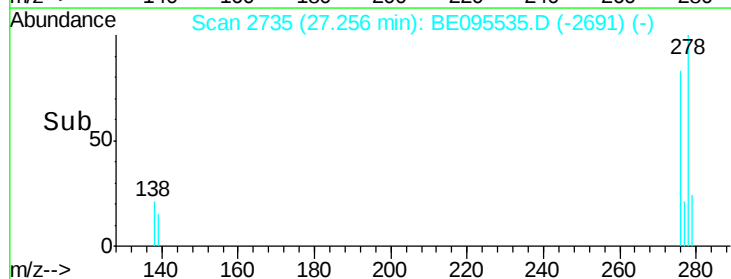
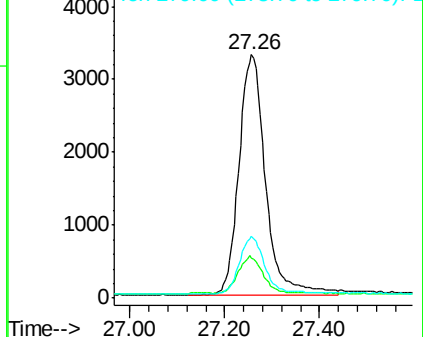
278 100

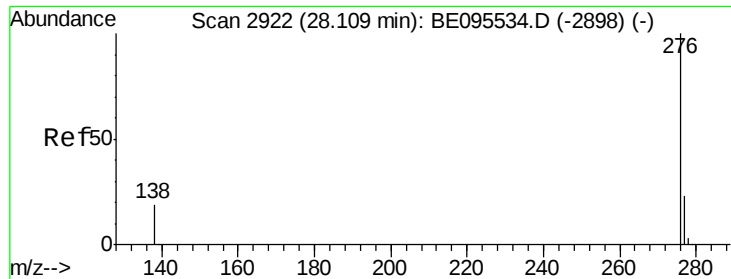
139 16.4 16.0 24.0

279 25.4 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: 0.791 ng

RT: 28.11 min Scan# 2922

Delta R.T. -0.00 min

Lab File: BE095535.D

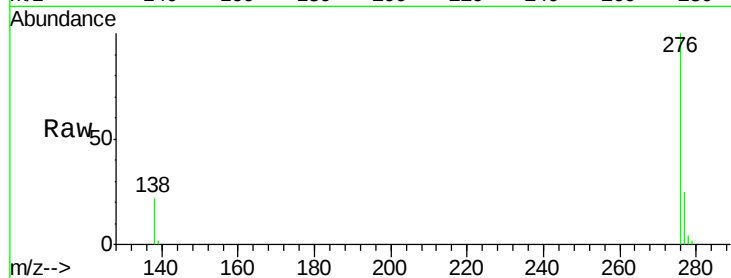
Acq: 6 Feb 2018 18:39

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.8



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 13390 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 277       | 24.8  | 16.0  | 24.0# |
| 138       | 22.2  | 20.0  | 30.0  |

