

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE121417\  
 Data File : BE094978.D  
 Acq On : 14 Dec 2017 16:05  
 Operator : SJ/JU  
 Sample : SSTDICCC0.4  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICCC0.4

Quant Time: Dec 14 17:26:27 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE121417.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 14 17:23:49 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.47  | 152  | 6897     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 11.33 | 136  | 15162    | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 15.06 | 164  | 8710     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.77 | 188  | 20597    | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.87 | 240  | 22789    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 24.55 | 264  | 17799    | 0.40 | ng    | 0.00     |

|                             |       |     |        |      |    |      |
|-----------------------------|-------|-----|--------|------|----|------|
| System Monitoring Compounds |       |     |        |      |    |      |
| 4) 2-Fluorophenol           | 5.95  | 112 | 4112   | 0.38 | ng | 0.00 |
| 5) Phenol-d6                | 7.59  | 99  | 6172   | 0.38 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 9.65  | 82  | 4757   | 0.53 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.86 | 152 | 9822   | 0.41 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 16.53 | 330 | 757    | 0.40 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 13.70 | 172 | 15683  | 0.42 | ng | 0.00 |
| 25) Fluoranthene-d10        | 19.75 | 212 | 101882 | 0.36 | ng | 0.00 |
| 29) Terphenyl-d14           | 20.31 | 244 | 17256  | 0.41 | ng | 0.00 |

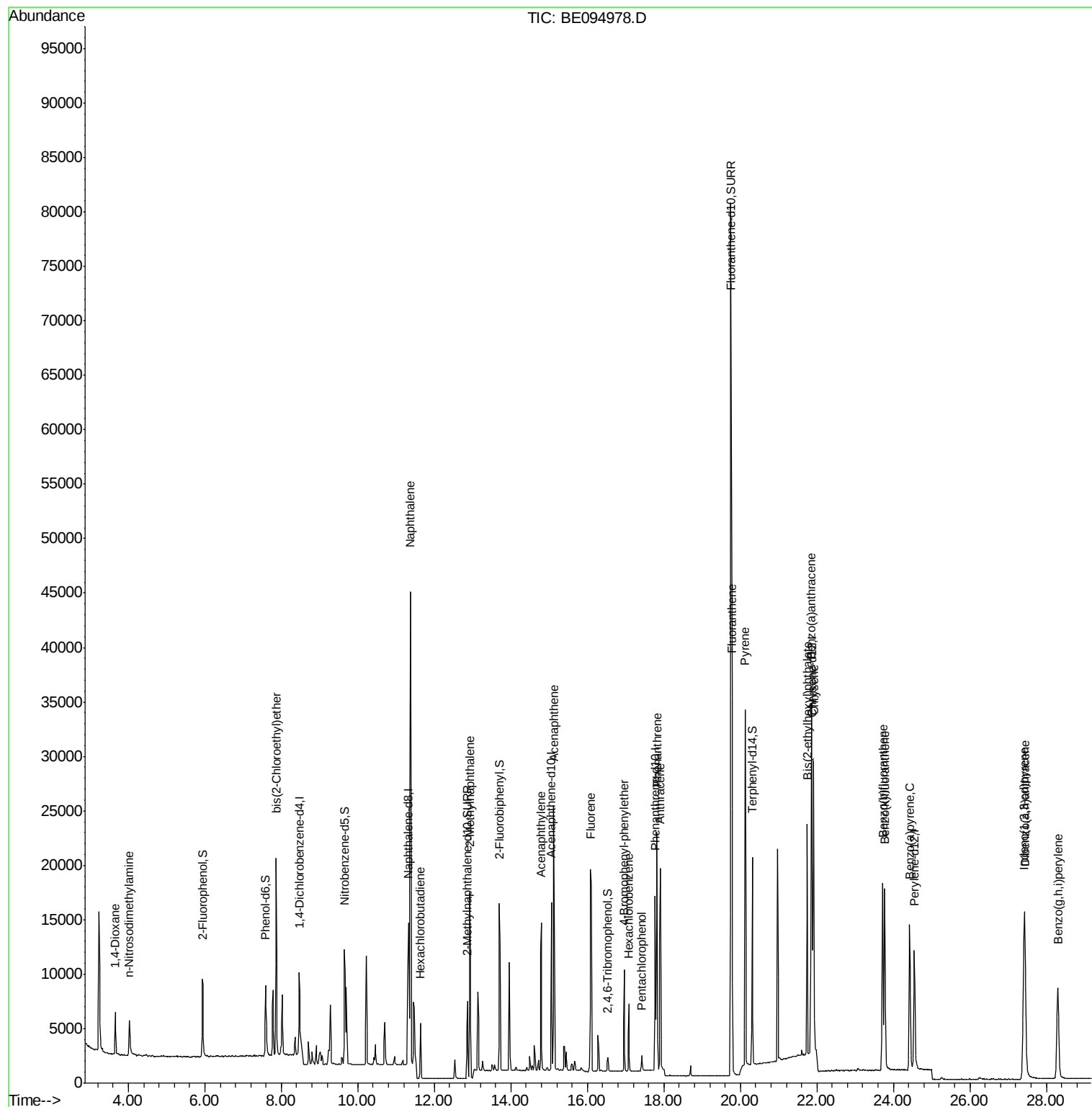
|                                |       |     |       |        |    |      |
|--------------------------------|-------|-----|-------|--------|----|------|
| Target Compounds               |       |     |       | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.66  | 88  | 2881  | 0.399  | ng | # 85 |
| 3) n-Nitrosodimethylamine      | 4.01  | 42  | 3228  | 0.351  | ng | # 1  |
| 6) bis(2-Chloroethyl)ether     | 7.87  | 93  | 6140  | 0.383  | ng | 95   |
| 9) Naphthalene                 | 11.38 | 128 | 70903 | 0.399  | ng | 99   |
| 10) Hexachlorobutadiene        | 11.64 | 225 | 3251  | 0.433  | ng | 98   |
| 12) 2-Methylnaphthalene        | 12.93 | 142 | 17546 | 0.397  | ng | 98   |
| 16) Acenaphthylene             | 14.79 | 152 | 17815 | 0.362  | ng | 100  |
| 17) Acenaphthene               | 15.12 | 154 | 12258 | 0.385  | ng | 95   |
| 18) Fluorene                   | 16.10 | 166 | 15010 | 0.371  | ng | # 78 |
| 20) 4-Bromophenyl-phenylether  | 16.97 | 248 | 4659  | 0.405  | ng | # 82 |
| 21) Hexachlorobenzene          | 17.09 | 284 | 4849  | 0.433  | ng | # 82 |
| 22) Pentachlorophenol          | 17.42 | 266 | 907   | 0.328  | ng | # 71 |
| 23) Phenanthrene               | 17.82 | 178 | 24877 | 0.379  | ng | 98   |
| 24) Anthracene                 | 17.91 | 178 | 24817 | 0.357  | ng | # 94 |
| 26) Fluoranthene               | 19.78 | 202 | 30580 | 0.362  | ng | 99   |
| 28) Pyrene                     | 20.13 | 202 | 31859 | 0.405  | ng | 98   |
| 30) Benzo(a)anthracene         | 21.85 | 228 | 26205 | 0.375  | ng | # 61 |
| 31) Chrysene                   | 21.92 | 228 | 29952 | 0.388  | ng | # 64 |
| 32) Bis(2-ethylhexyl)phthalate | 21.75 | 149 | 30279 | 0.261  | ng | 99   |
| 33) Indeno(1,2,3-cd)pyrene     | 27.41 | 276 | 24795 | 0.392  | ng | 99   |
| 35) Benzo(b)fluoranthene       | 23.72 | 252 | 26228 | 0.404  | ng | # 89 |
| 36) Benzo(k)fluoranthene       | 23.78 | 252 | 25171 | 0.380  | ng | # 95 |
| 37) Benzo(a)pyrene             | 24.43 | 252 | 23051 | 0.405  | ng | 94   |
| 38) Dibenzo(a,h)anthracene     | 27.44 | 278 | 21237 | 0.404  | ng | 98   |
| 39) Benzo(g,h,i)perylene       | 28.30 | 276 | 20960 | 0.399  | ng | 94   |

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

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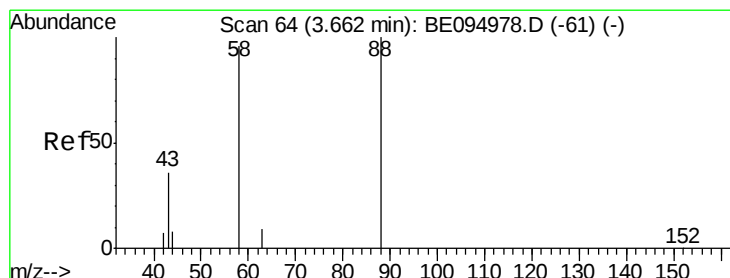
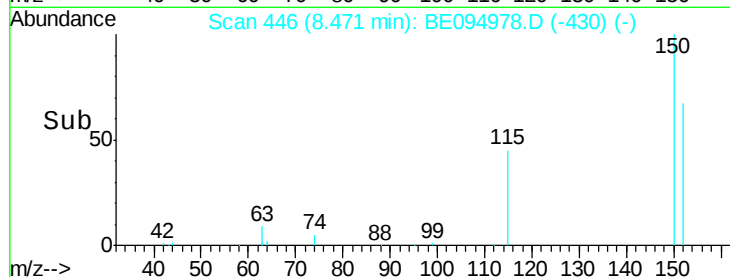
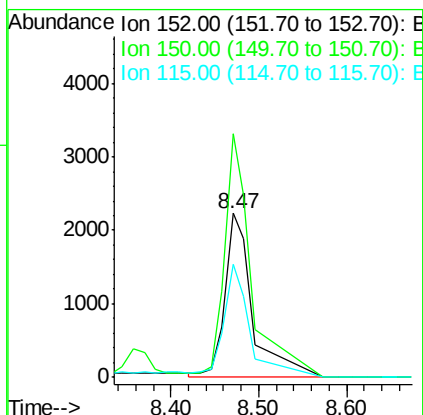
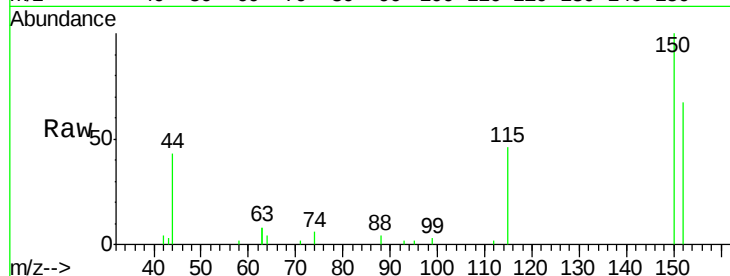


#1

1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 8.47 min Scan# 446  
Delta R.T. 0.00 min  
Lab File: BE094978.D  
Acq: 14 Dec 2017 16:05

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICCC0.4

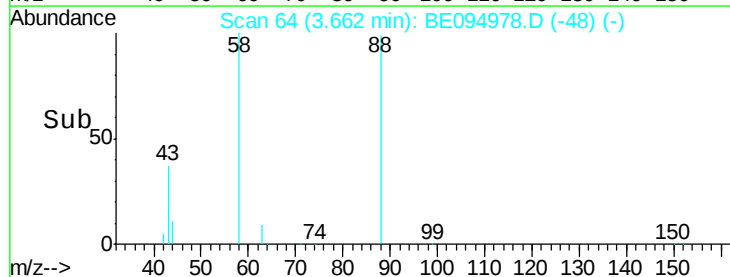
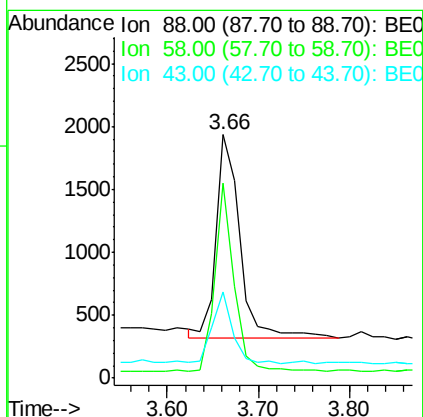
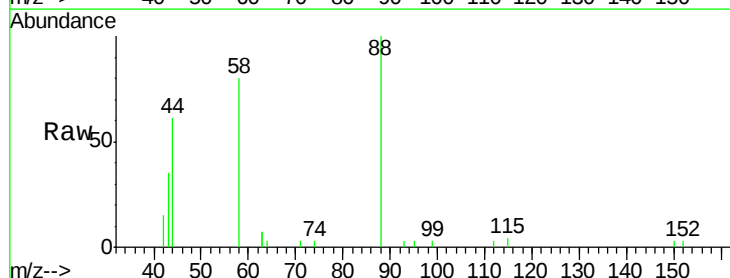
Tgt Ion: 152 Resp: 6897  
Ion Ratio Lower Upper  
152 100  
150 148.6 117.2 175.8  
115 69.1 57.0 85.6

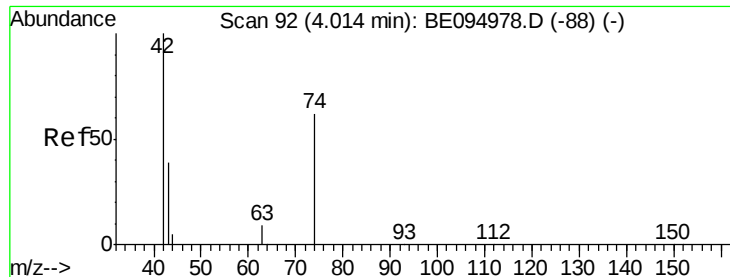


#2

1,4-Dioxane  
Concen: 0.399 ng  
RT: 3.66 min Scan# 64  
Delta R.T. 0.00 min  
Lab File: BE094978.D  
Acq: 14 Dec 2017 16:05

Tgt Ion: 88 Resp: 2881  
Ion Ratio Lower Upper  
88 100  
58 74.7 63.2 94.8  
43 29.4 41.2 61.8#





#3

n-Nitrosodimethylamine

Concen: 0.351 ng

RT: 4.01 min Scan# 92

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

Instrument :

BNA\_E

ClientSampleId :

SSTDICCC0.4

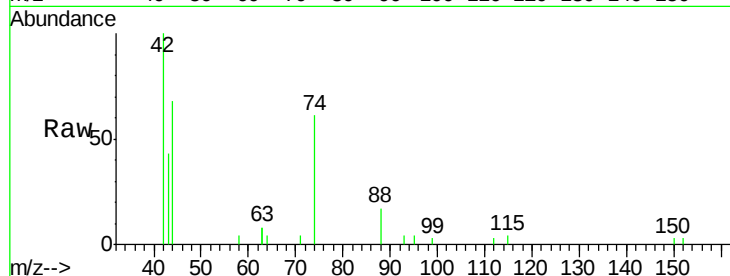
Tgt Ion: 42 Resp: 3228

Ion Ratio Lower Upper

42 100

74 0.0 96.0 144.0#

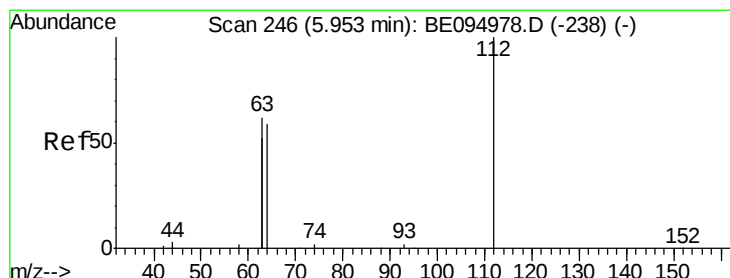
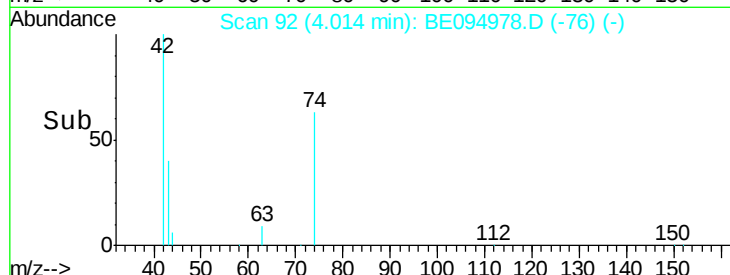
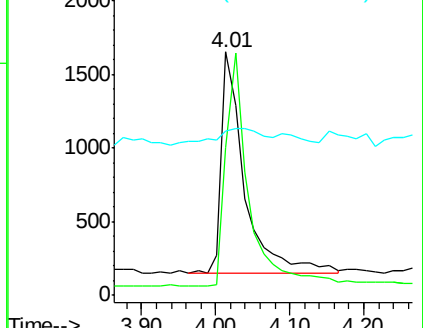
44 0.0 12.0 18.0#



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: 0.377 ng

RT: 5.95 min Scan# 246

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

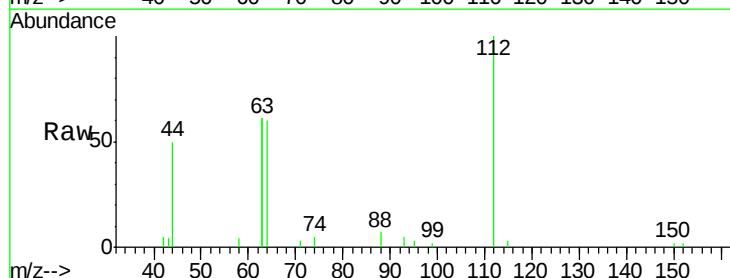
Tgt Ion: 112 Resp: 4112

Ion Ratio Lower Upper

112 100

64 74.7 60.1 90.1

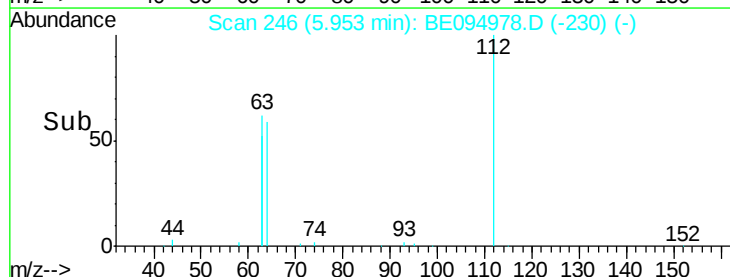
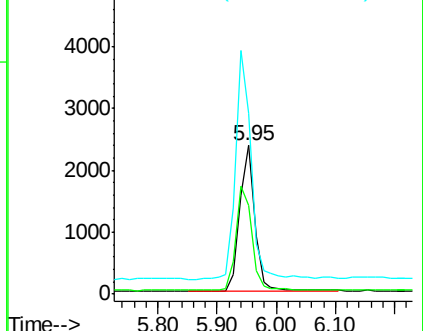
63 165.0 116.8 175.2

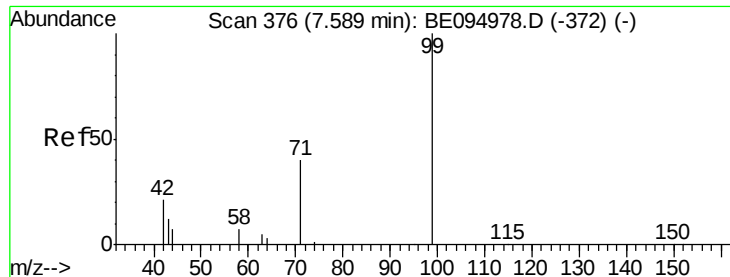


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.382 ng

RT: 7.59 min Scan# 376

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

Instrument :

BNA\_E

ClientSampleId :

SSTDICCC0.4

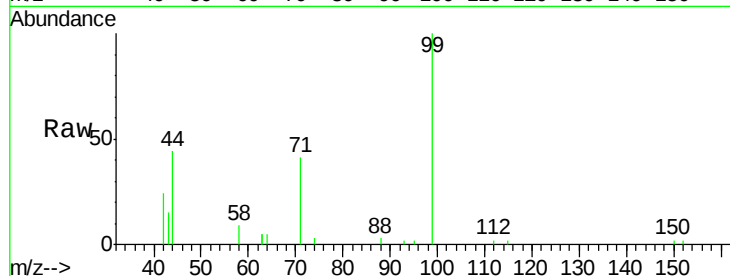
Tgt Ion: 99 Resp: 6172

Ion Ratio Lower Upper

99 100

42 23.4 20.2 30.2

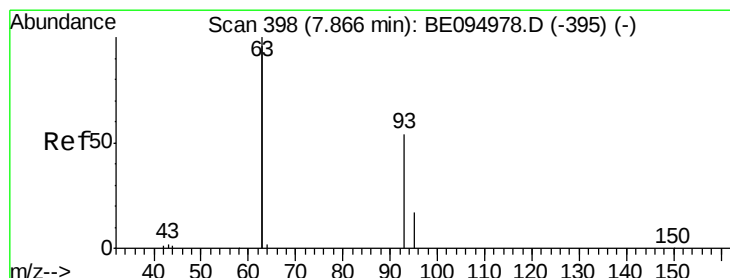
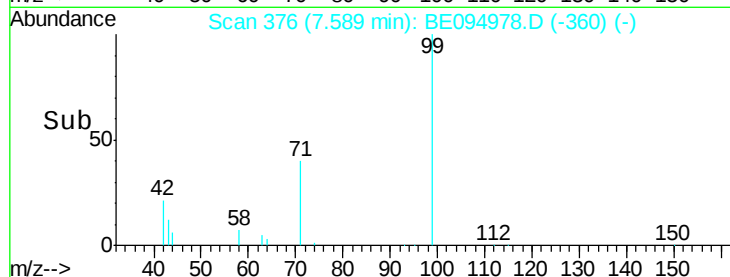
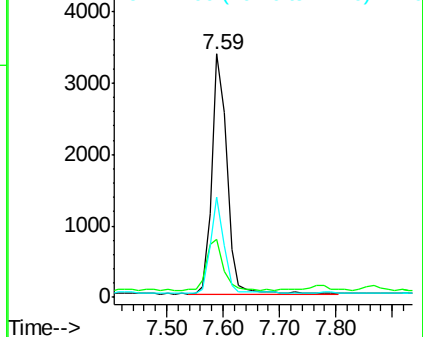
71 36.9 28.4 42.6



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: 0.383 ng

RT: 7.87 min Scan# 398

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

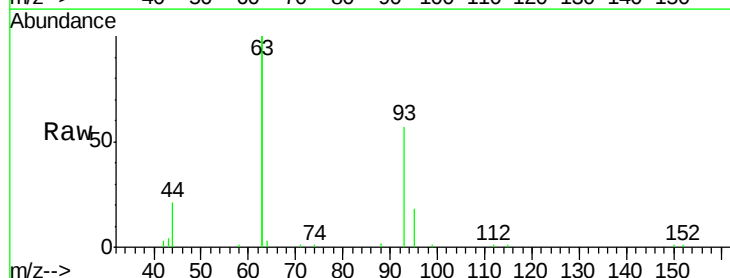
Tgt Ion: 93 Resp: 6140

Ion Ratio Lower Upper

93 100

63 332.6 275.3 412.9

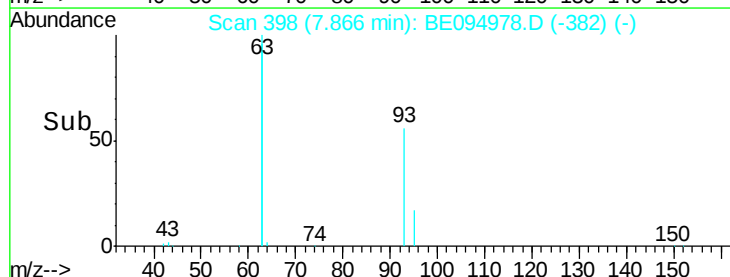
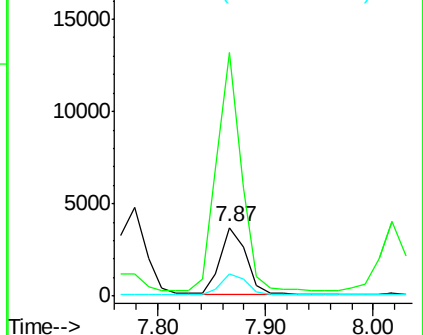
95 31.6 25.2 37.8

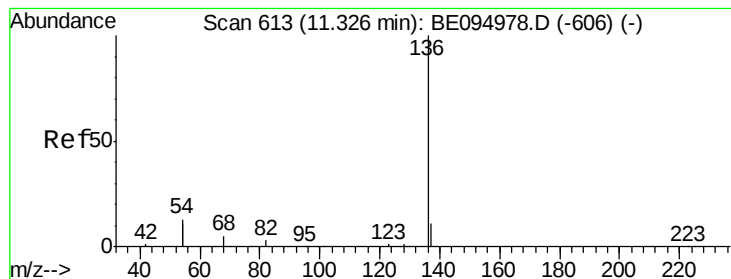


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 11.33 min Scan# 613

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

Instrument :

BNA\_E

ClientSampleId :

SSTDICCC0.4

Tgt Ion:136 Resp: 15162

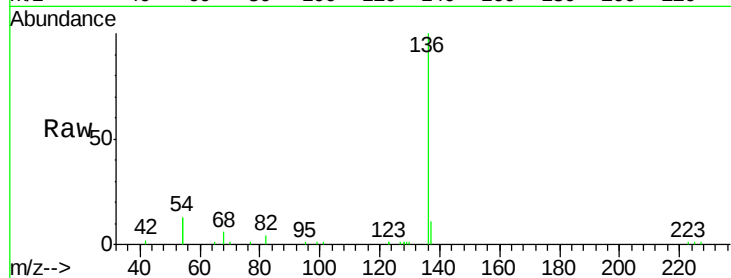
Ion Ratio Lower Upper

136 100

137 11.1 9.5 14.3

54 26.8 29.1 43.7#

68 6.0 6.2 9.2#

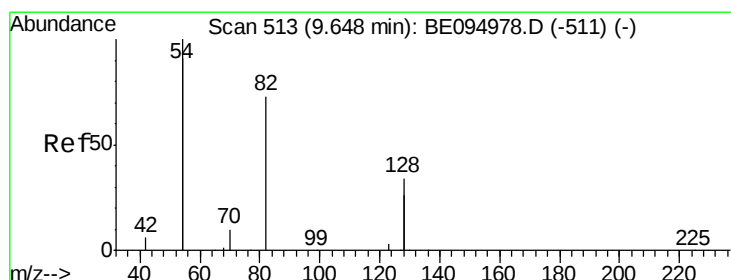
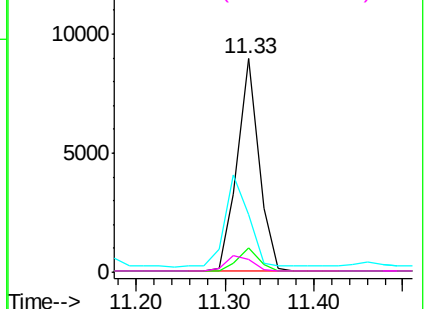
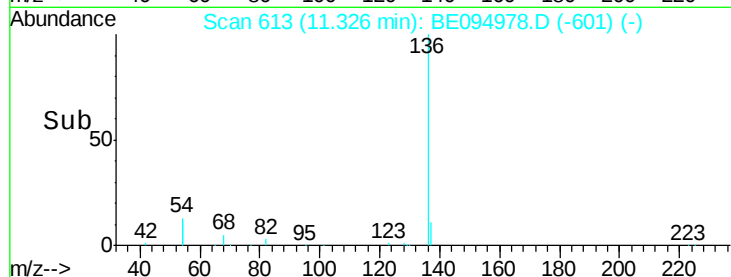


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.530 ng

RT: 9.65 min Scan# 513

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

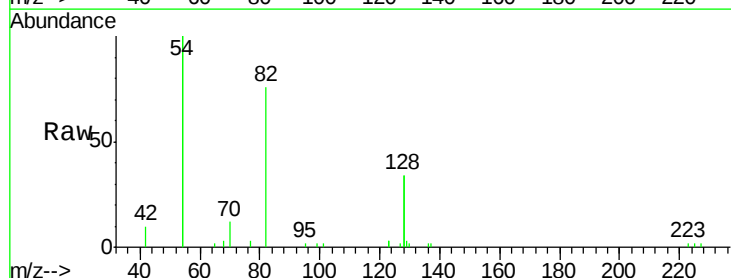
Tgt Ion: 82 Resp: 4757

Ion Ratio Lower Upper

82 100

128 89.0 150.0 225.0#

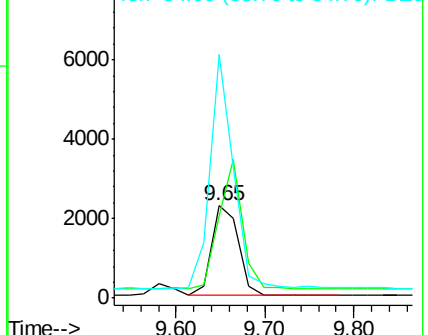
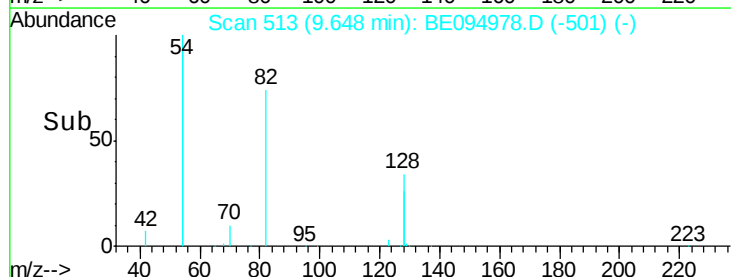
54 264.1 154.2 231.4#

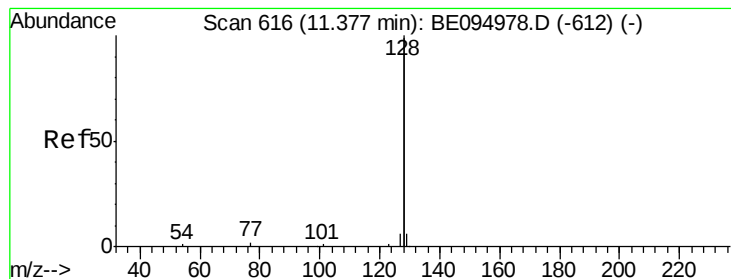


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.399 ng

RT: 11.38 min Scan# 616

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

Instrument :

BNA\_E

ClientSampleId :

SSTDICCC0.4

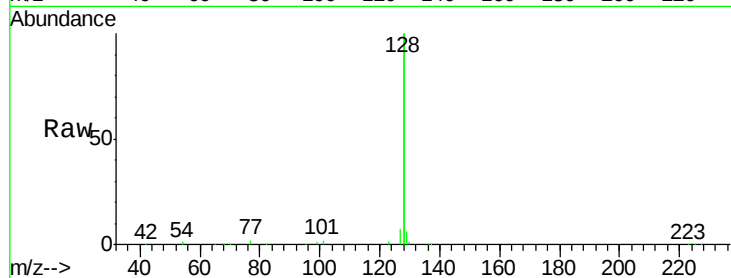
Tgt Ion:128 Resp: 70903

Ion Ratio Lower Upper

128 100

129 2.9 2.6 3.8

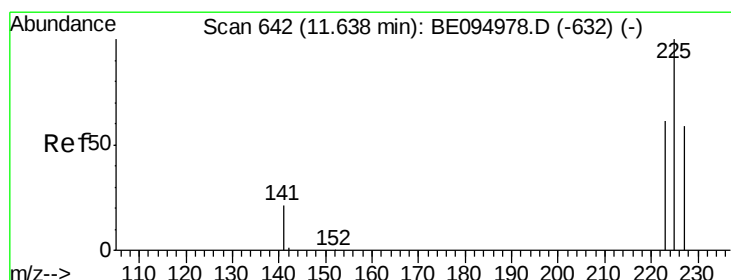
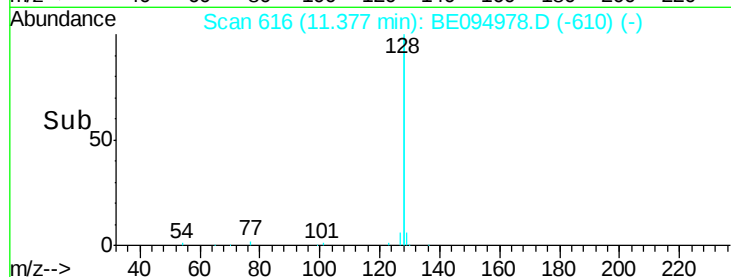
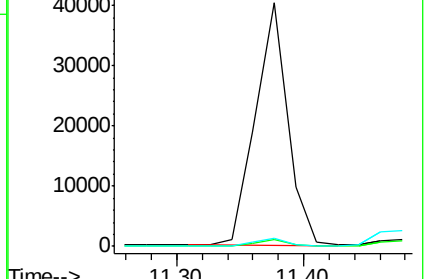
127 3.4 2.8 4.2



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: 0.433 ng

RT: 11.64 min Scan# 642

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

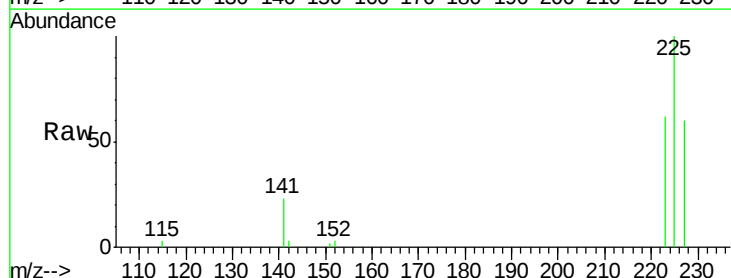
Tgt Ion:225 Resp: 3251

Ion Ratio Lower Upper

225 100

223 63.1 53.0 79.6

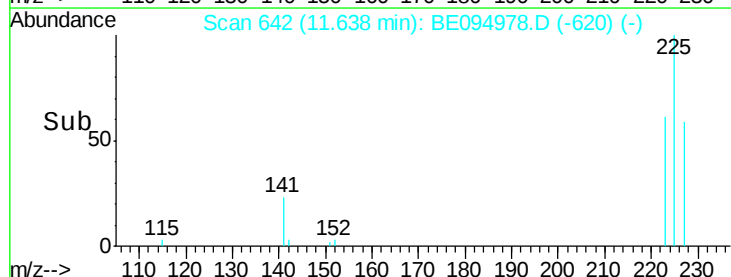
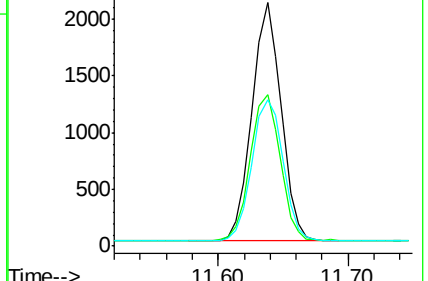
227 63.8 51.4 77.2

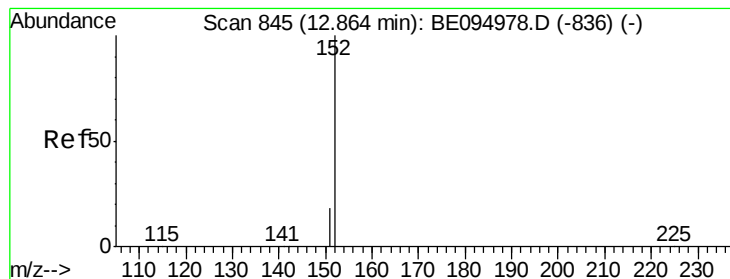


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.406 ng

RT: 12.86 min Scan# 845

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

Instrument :

BNA\_E

ClientSampleId :

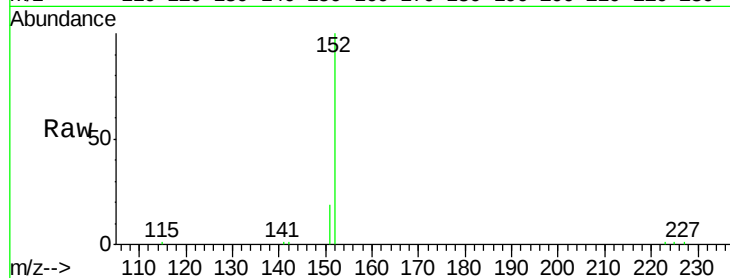
SSTDICCC0.4

Tgt Ion:152 Resp: 9822

Ion Ratio Lower Upper

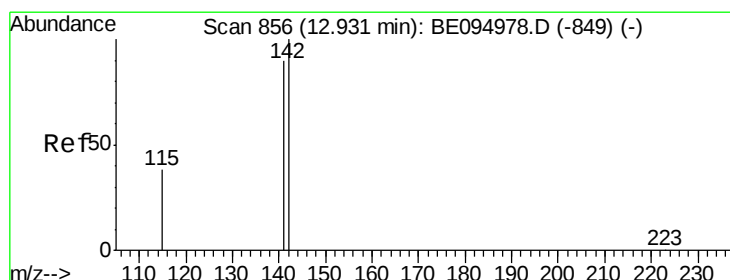
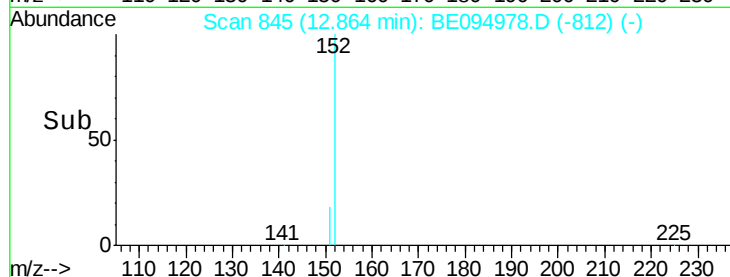
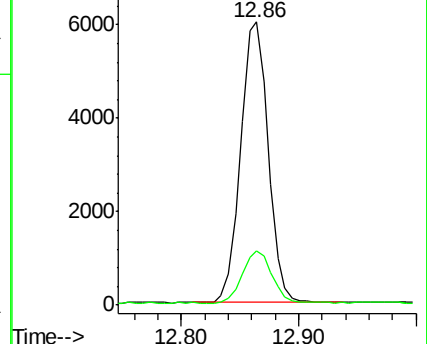
152 100

151 19.7 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.397 ng

RT: 12.93 min Scan# 856

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

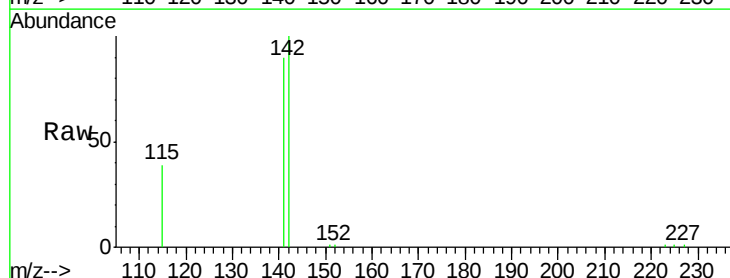
Tgt Ion:142 Resp: 17546

Ion Ratio Lower Upper

142 100

141 89.8 70.4 105.6

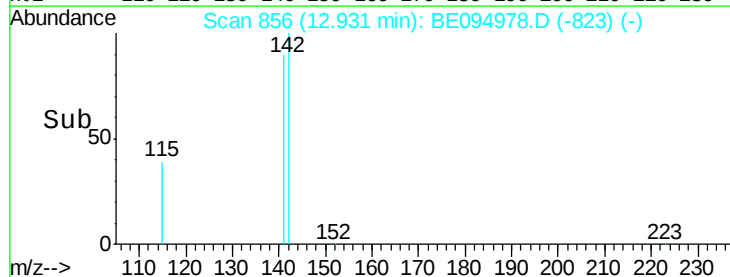
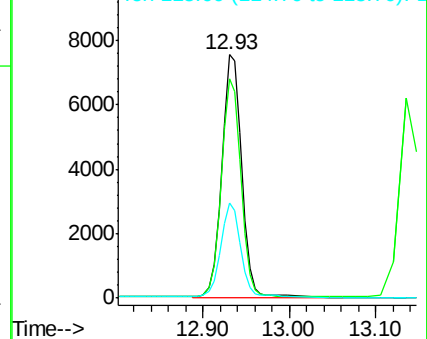
115 39.2 31.7 47.5

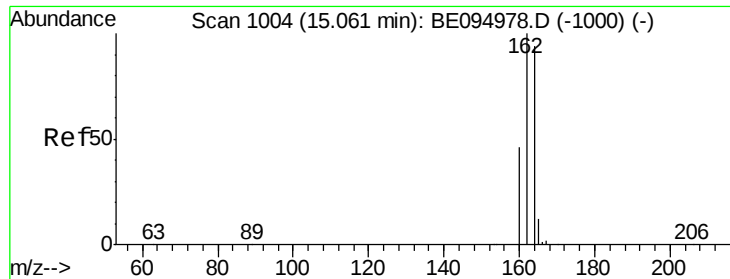


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.06 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

Instrument :

BNA\_E

ClientSampleId :

SSTDICCC0.4

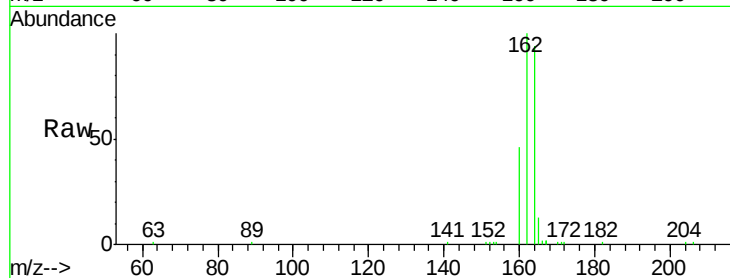
Tgt Ion:164 Resp: 8710

Ion Ratio Lower Upper

164 100

162 106.7 83.1 124.7

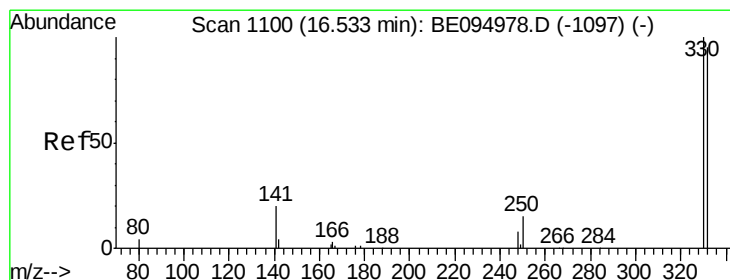
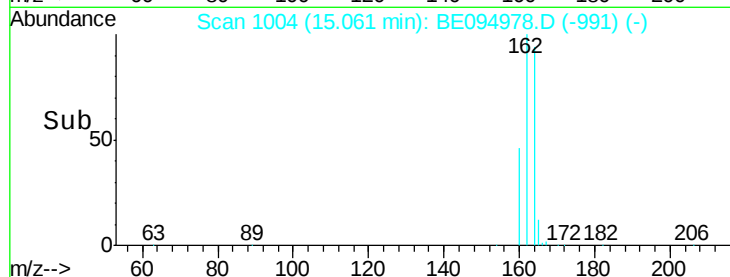
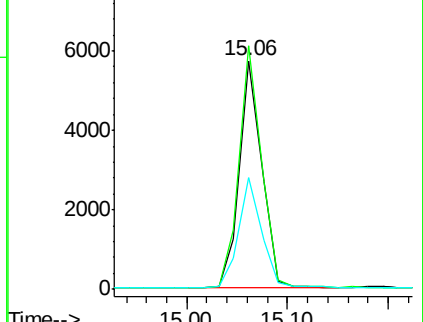
160 49.2 37.1 55.7



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: 0.402 ng

RT: 16.53 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

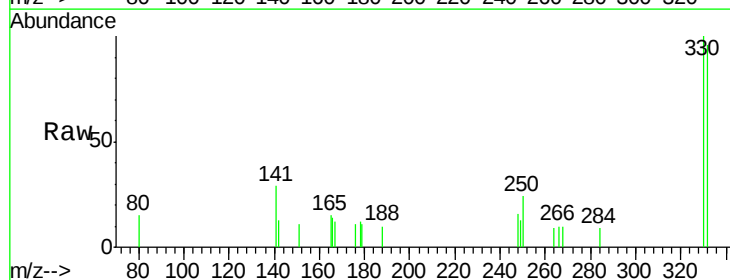
Tgt Ion:330 Resp: 757

Ion Ratio Lower Upper

330 100

332 97.5 152.7 229.1#

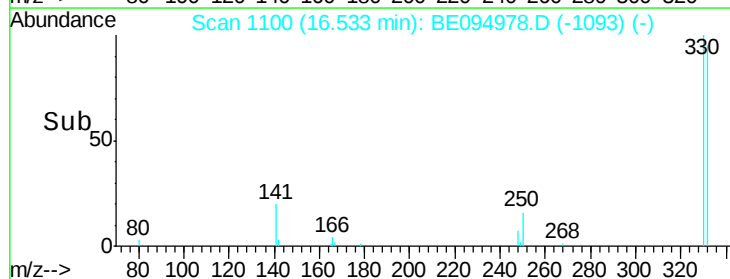
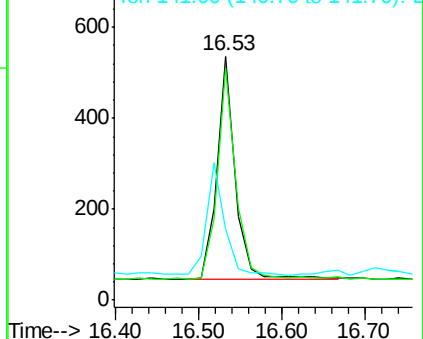
141 49.4 33.7 50.5

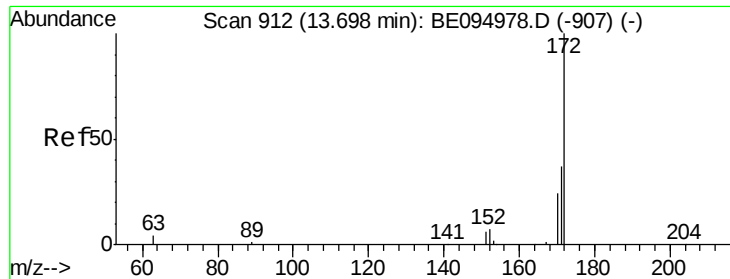


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

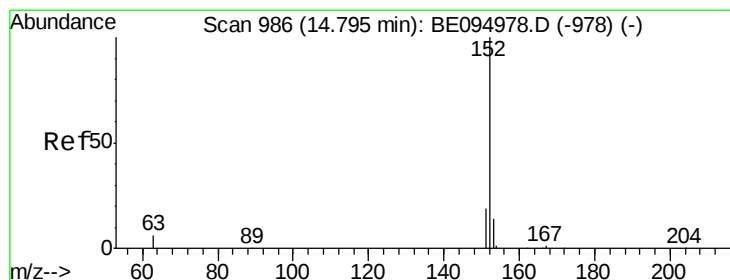
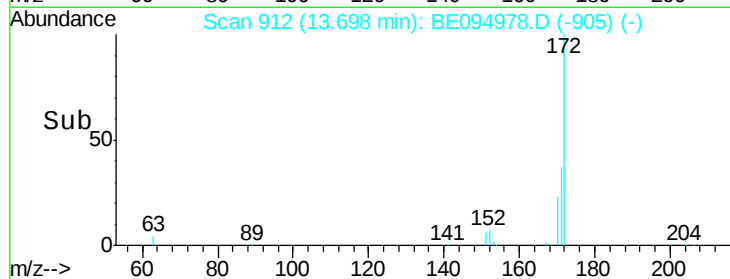
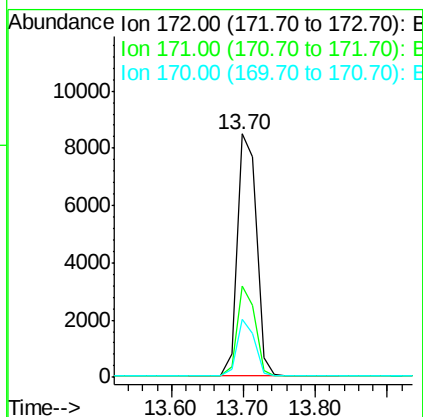
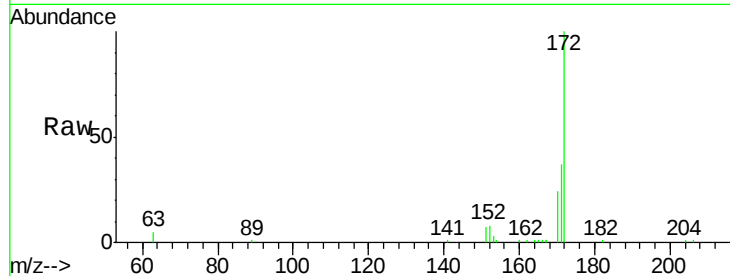




#15  
 2-Fluorobiphenyl  
 Concen: 0.420 ng  
 RT: 13.70 min Scan# 912  
 Delta R.T. 0.00 min  
 Lab File: BE094978.D  
 Acq: 14 Dec 2017 16:05

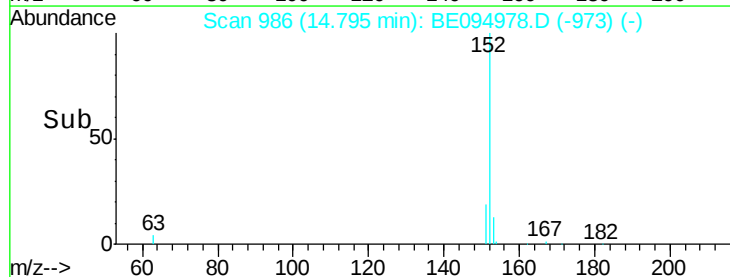
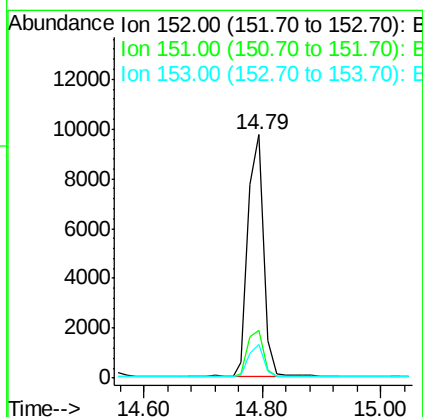
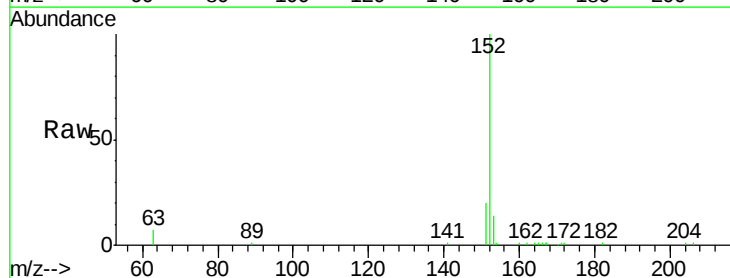
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.4

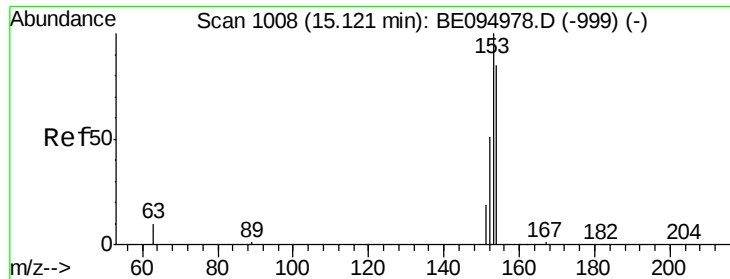
Tgt Ion:172 Resp: 15683  
 Ion Ratio Lower Upper  
 172 100  
 171 37.3 29.9 44.9  
 170 24.0 21.8 32.8



#16  
 Acenaphthylene  
 Concen: 0.362 ng  
 RT: 14.79 min Scan# 986  
 Delta R.T. 0.00 min  
 Lab File: BE094978.D  
 Acq: 14 Dec 2017 16:05

Tgt Ion:152 Resp: 17815  
 Ion Ratio Lower Upper  
 152 100  
 151 19.8 15.7 23.5  
 153 13.2 10.5 15.7

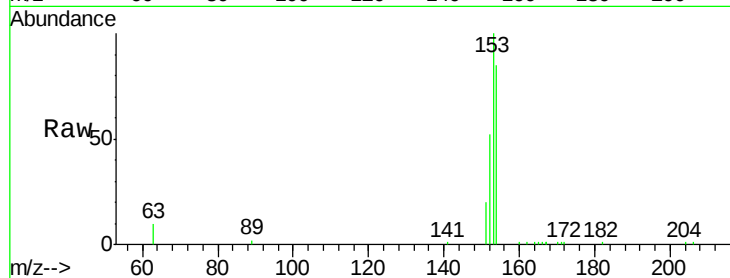




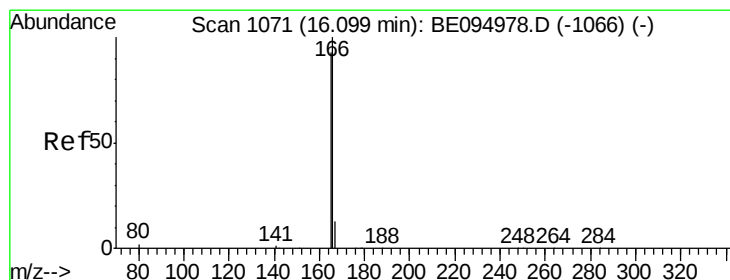
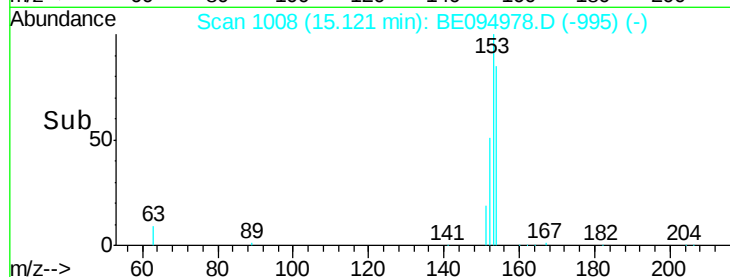
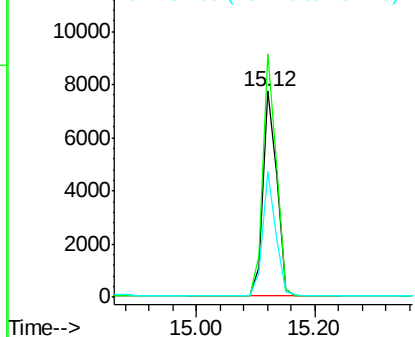
#17  
Acenaphthene  
Concen: 0.385 ng  
RT: 15.12 min Scan# 1008  
Delta R.T. 0.00 min  
Lab File: BE094978.D  
Acq: 14 Dec 2017 16:05

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDICCC0.4

Tgt Ion:154 Resp: 12258  
Ion Ratio Lower Upper  
154 100  
153 114.8 89.2 133.8  
152 57.9 42.0 63.0

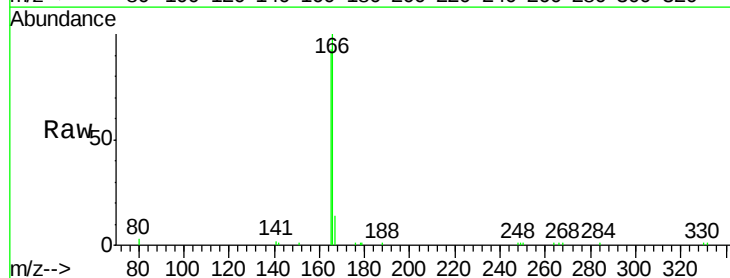


Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E

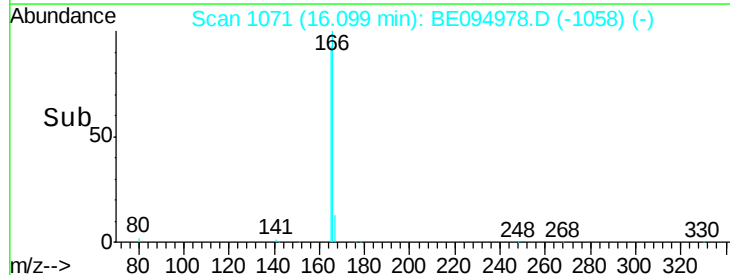
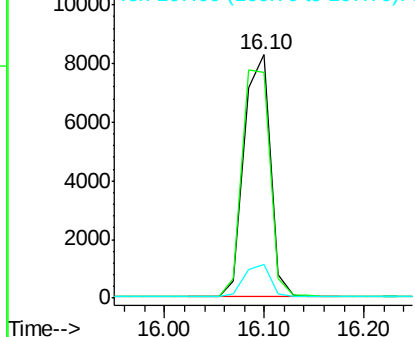


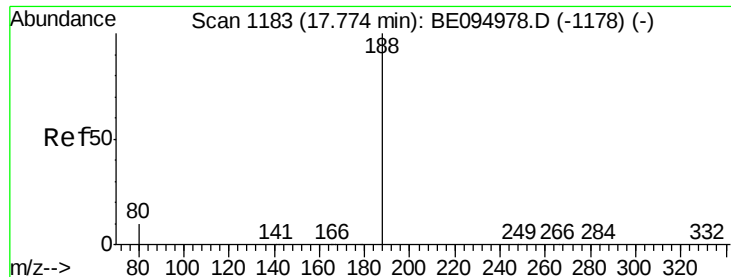
#18  
Fluorene  
Concen: 0.371 ng  
RT: 16.10 min Scan# 1071  
Delta R.T. 0.00 min  
Lab File: BE094978.D  
Acq: 14 Dec 2017 16:05

Tgt Ion:166 Resp: 15010  
Ion Ratio Lower Upper  
166 100  
165 100.3 77.8 116.6  
167 13.6 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: 17.77 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

Instrument :

BNA\_E

ClientSampleId :

SSTDICCC0.4

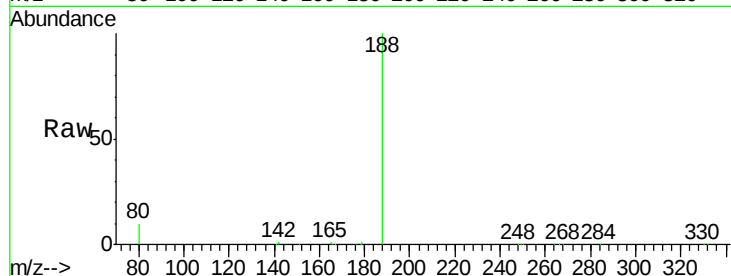
Tgt Ion:188 Resp: 20597

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

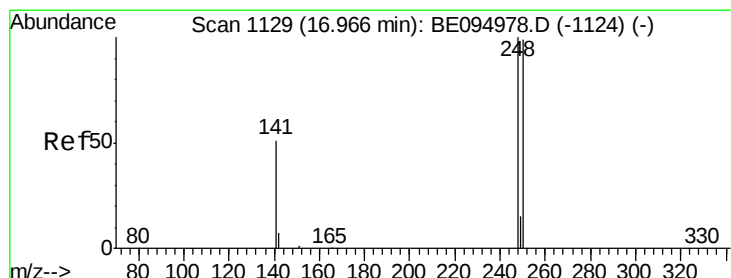
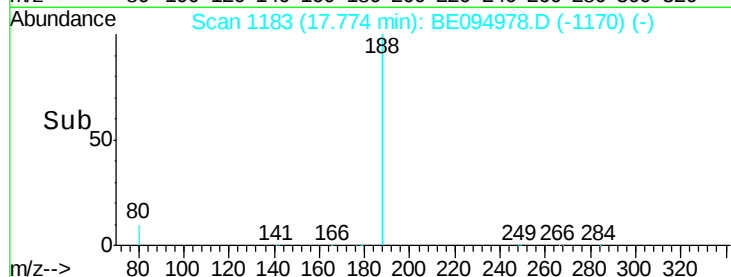
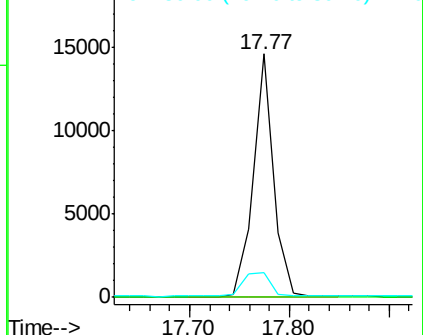
80 10.1 3.6 5.4#



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: 0.405 ng

RT: 16.97 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

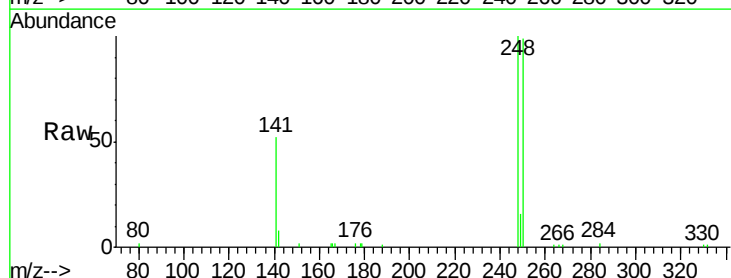
Tgt Ion:248 Resp: 4659

Ion Ratio Lower Upper

248 100

250 98.8 62.7 94.1#

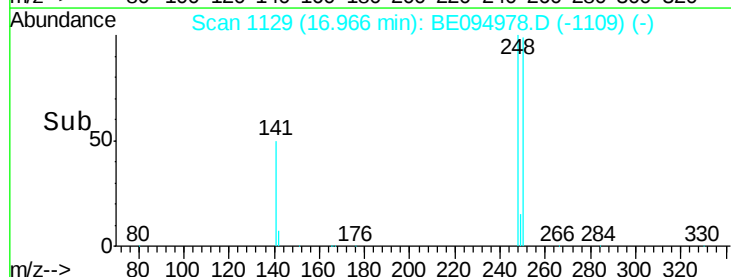
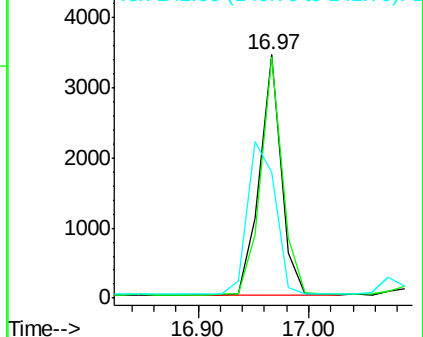
141 51.5 48.2 72.2

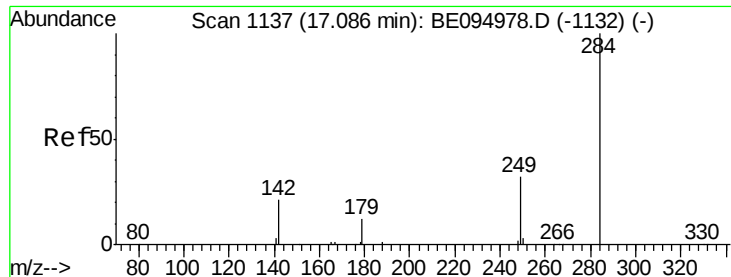


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.433 ng

RT: 17.09 min Scan# 1137

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

Instrument :

BNA\_E

ClientSampleId :

SSTDICCC0.4

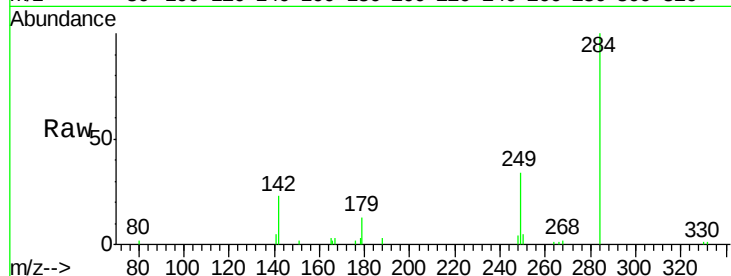
Tgt Ion:284 Resp: 4849

Ion Ratio Lower Upper

284 100

142 40.0 22.1 33.1#

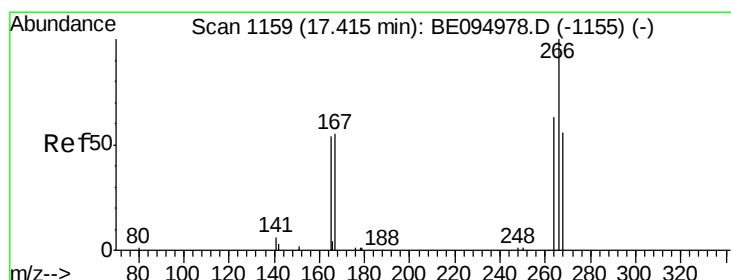
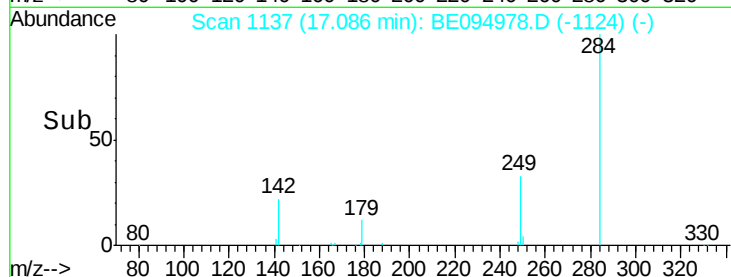
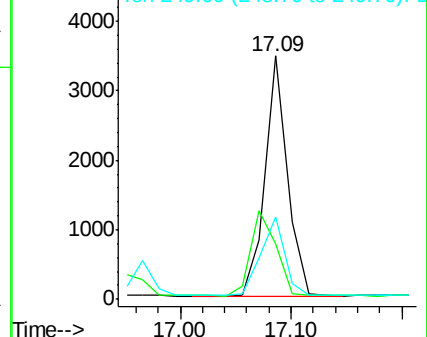
249 34.4 34.8 52.2#



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: 0.328 ng

RT: 17.42 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

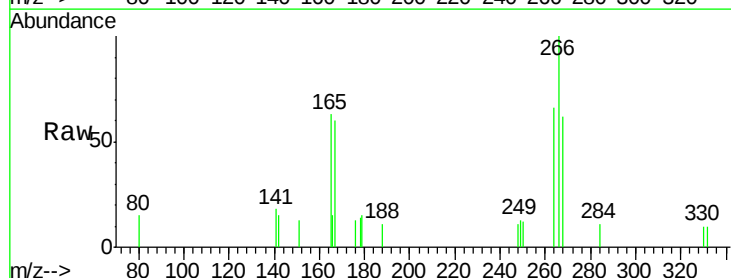
Tgt Ion:266 Resp: 907

Ion Ratio Lower Upper

266 100

264 66.5 72.5 108.7#

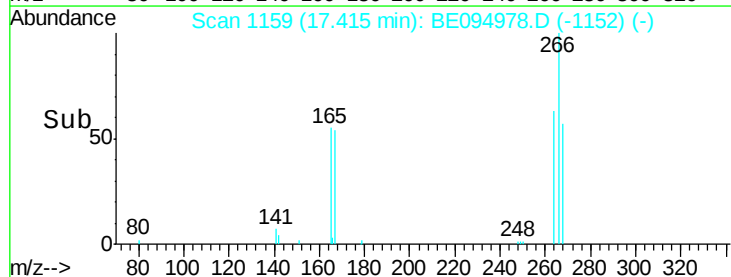
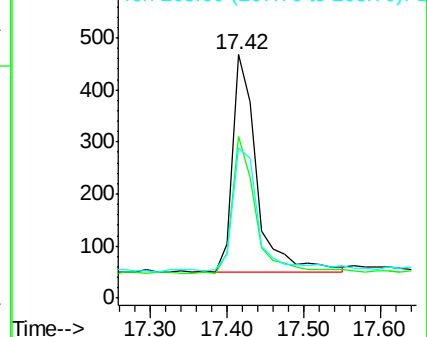
268 61.8 73.8 110.6#

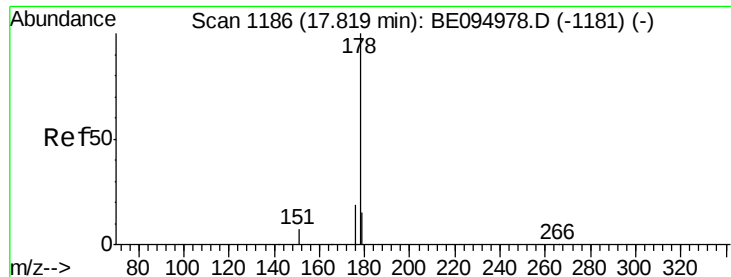


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.379 ng

RT: 17.82 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

Instrument :

BNA\_E

ClientSampleId :

SSTDICCC0.4

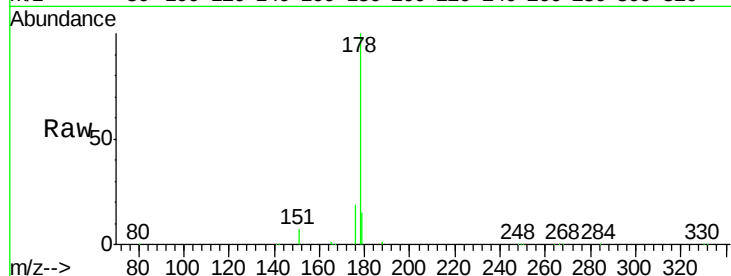
Tgt Ion:178 Resp: 24877

Ion Ratio Lower Upper

178 100

176 20.1 15.1 22.7

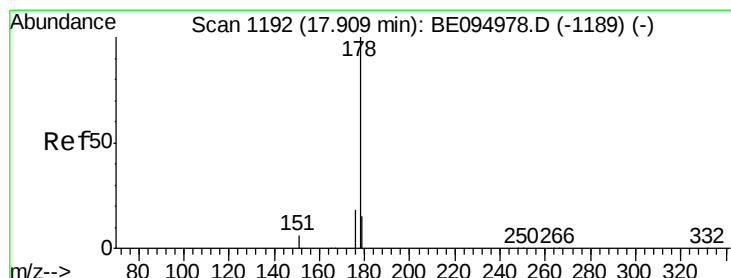
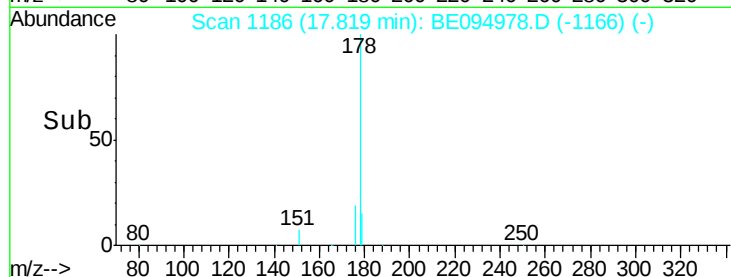
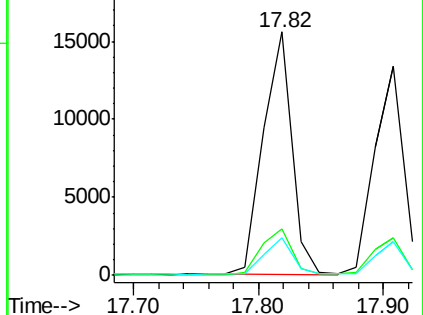
179 15.4 11.8 17.6



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: 0.357 ng

RT: 17.91 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

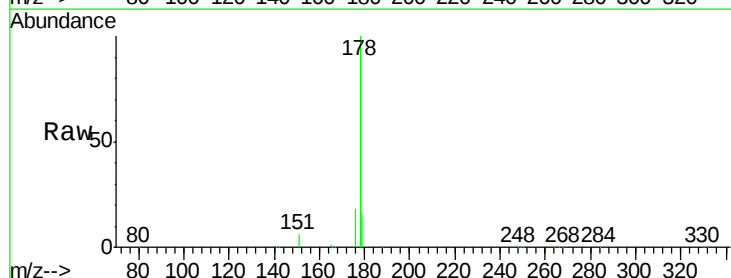
Tgt Ion:178 Resp: 24817

Ion Ratio Lower Upper

178 100

176 20.2 12.8 19.2#

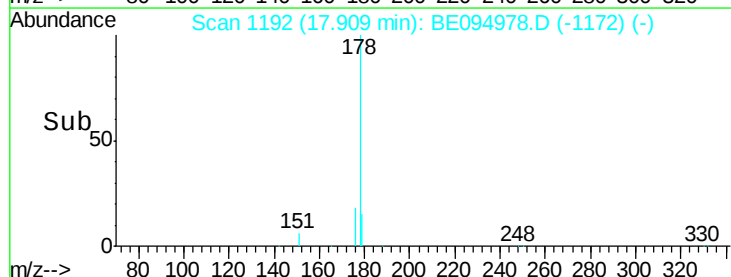
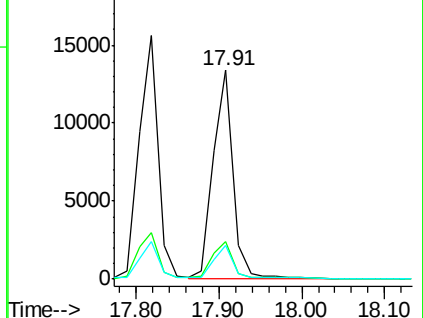
179 17.4 13.0 19.6

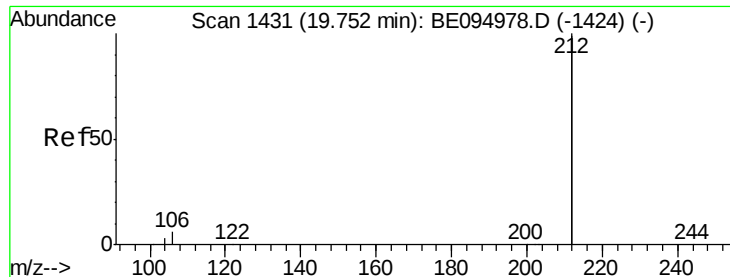


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.362 ng

RT: 19.75 min Scan# 1431

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

Instrument :

BNA\_E

ClientSampleId :

SSTDICCC0.4

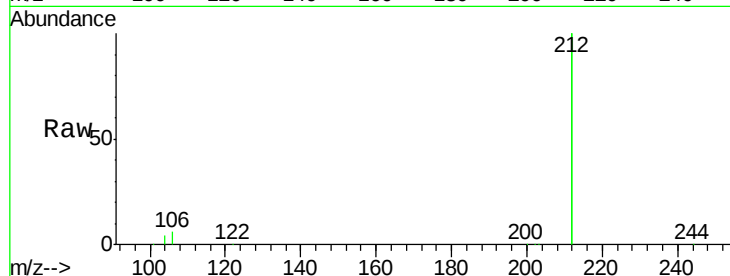
Tgt Ion:212 Resp: 101882

Ion Ratio Lower Upper

212 100

106 3.3 2.8 4.2

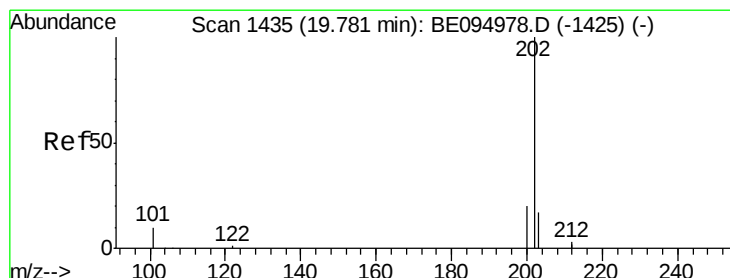
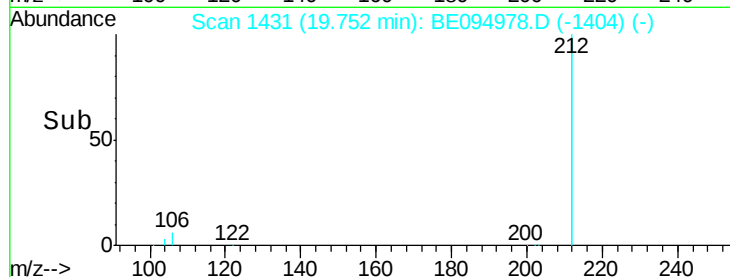
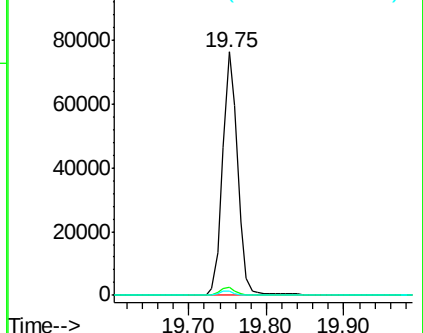
104 1.9 1.6 2.4



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: 0.362 ng

RT: 19.78 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

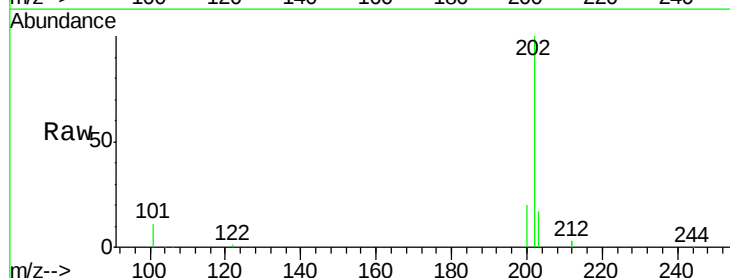
Tgt Ion:202 Resp: 30580

Ion Ratio Lower Upper

202 100

101 11.4 9.8 14.8

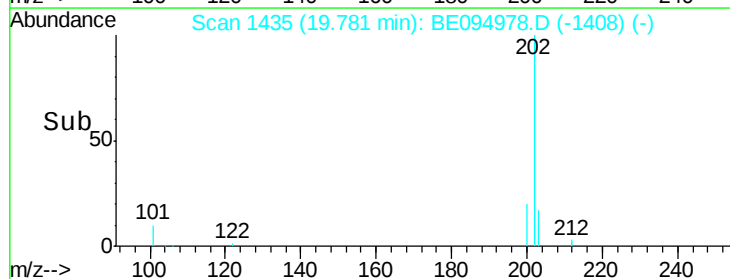
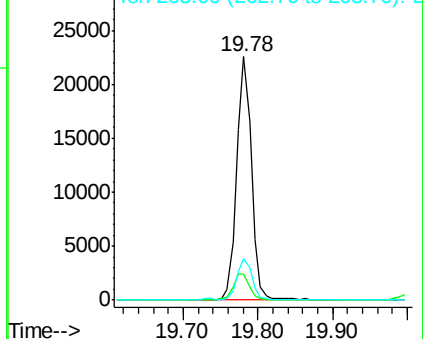
203 16.8 13.7 20.5

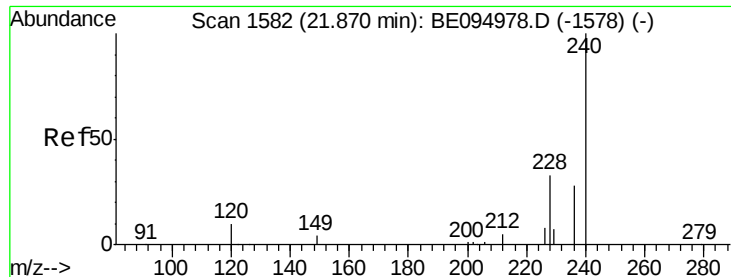


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.87 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

Instrument :

BNA\_E

ClientSampleId :

SSTDICCC0.4

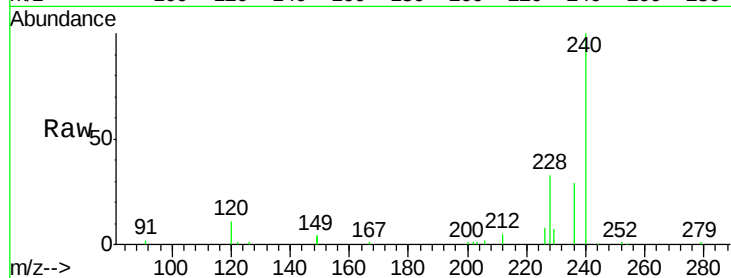
Tgt Ion:240 Resp: 22789

Ion Ratio Lower Upper

240 100

120 10.6 5.5 8.3#

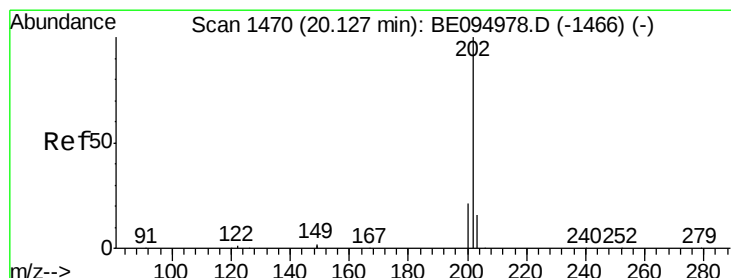
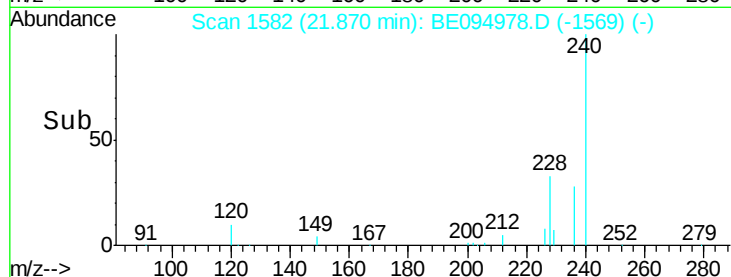
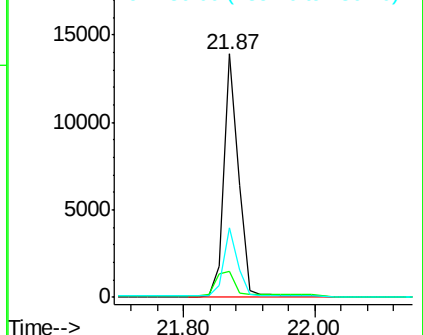
236 28.6 20.7 31.1



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: 0.405 ng

RT: 20.13 min Scan# 1470

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

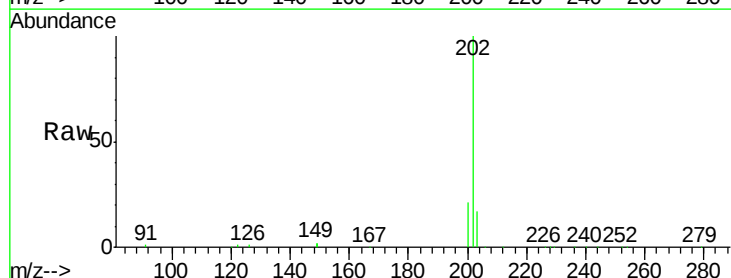
Tgt Ion:202 Resp: 31859

Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

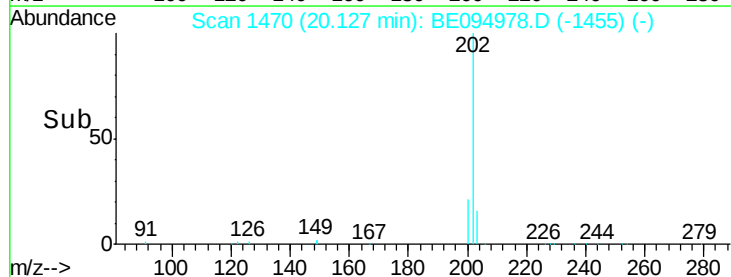
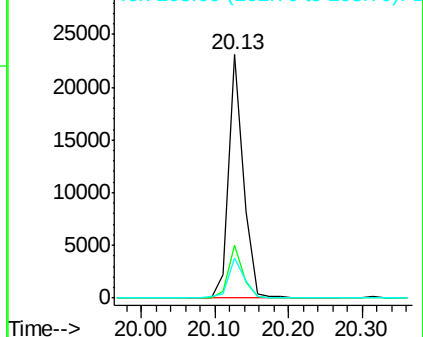
203 18.8 13.8 20.8

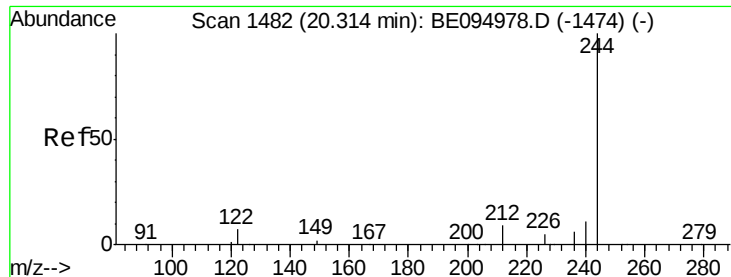


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.410 ng

RT: 20.31 min Scan# 1482

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

Instrument :

BNA\_E

ClientSampleId :

SSTDICCC0.4

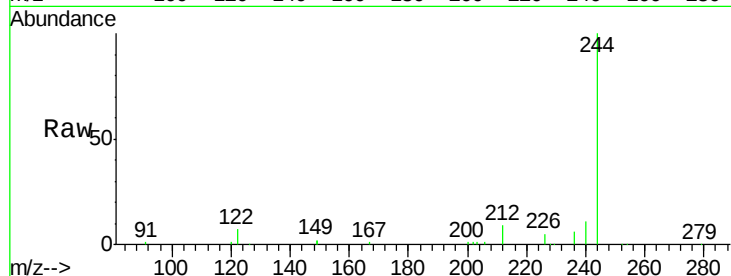
Tgt Ion:244 Resp: 17256

Ion Ratio Lower Upper

244 100

212 9.3 25.4 38.0#

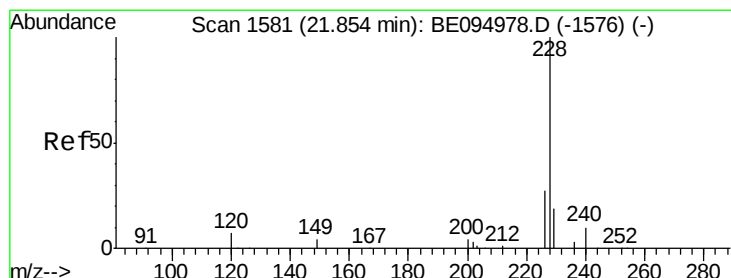
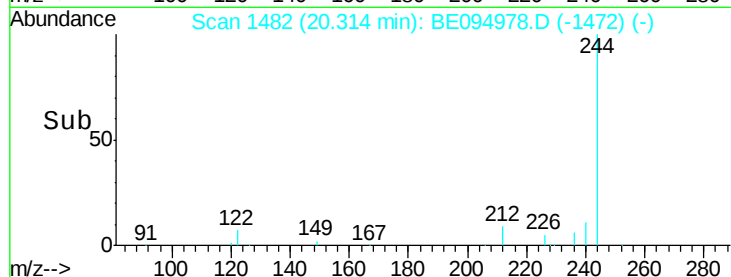
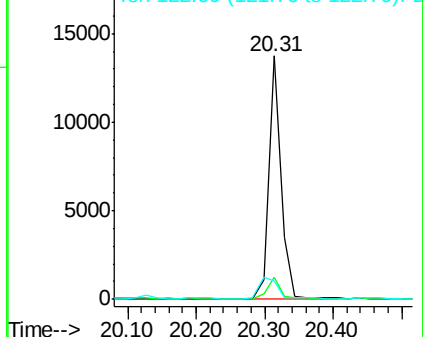
122 7.4 8.1 12.1#



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: 0.375 ng

RT: 21.85 min Scan# 1581

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

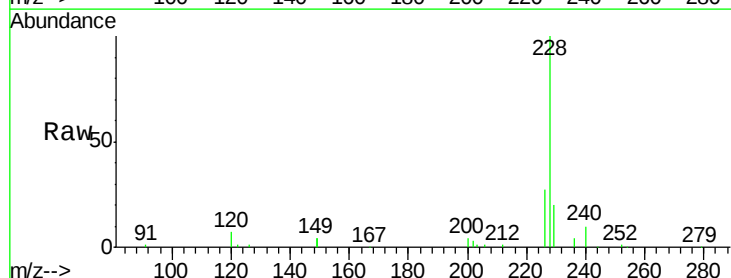
Tgt Ion:228 Resp: 26205

Ion Ratio Lower Upper

228 100

226 27.3 40.0 60.0#

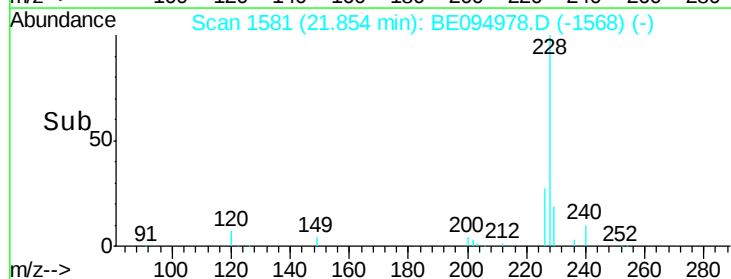
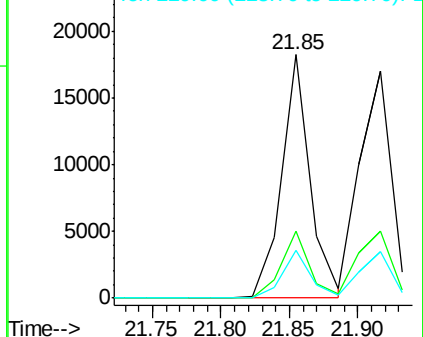
229 19.5 40.0 60.0#

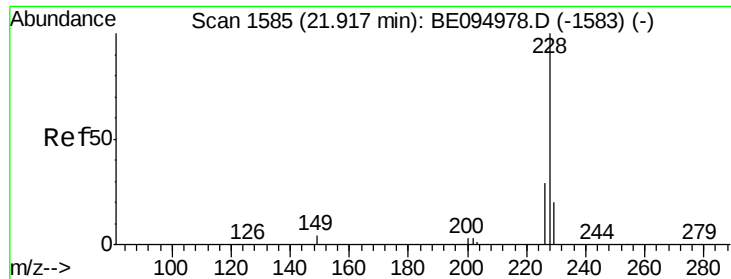


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.388 ng

RT: 21.92 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

Instrument :

BNA\_E

ClientSampleId :

SSTDICCC0.4

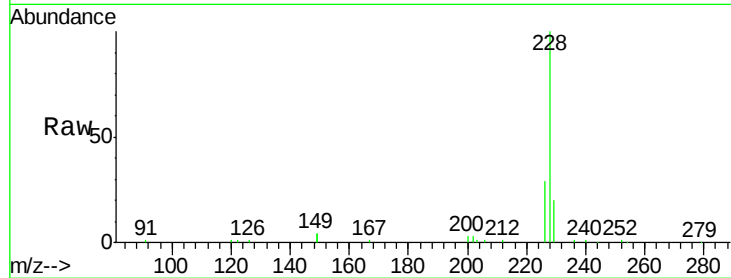
Tgt Ion:228 Resp: 29952

Ion Ratio Lower Upper

228 100

226 29.3 40.0 60.0#

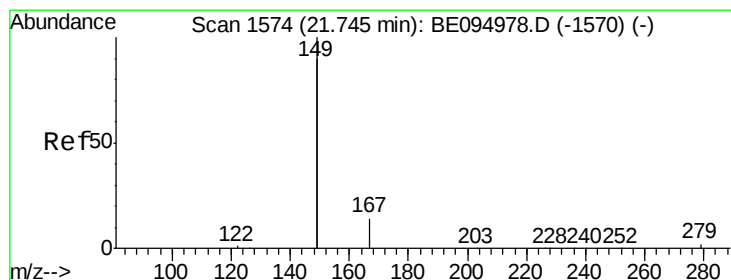
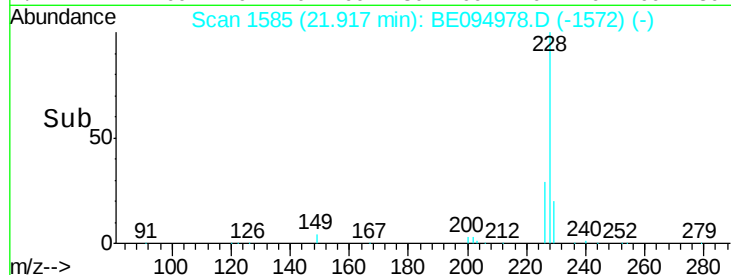
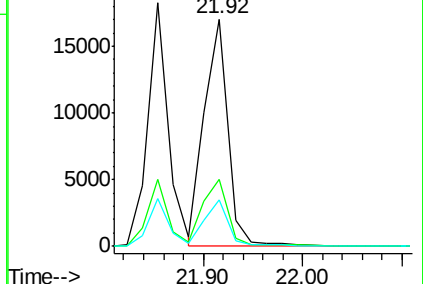
229 20.5 40.0 60.0#



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: 0.261 ng

RT: 21.75 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

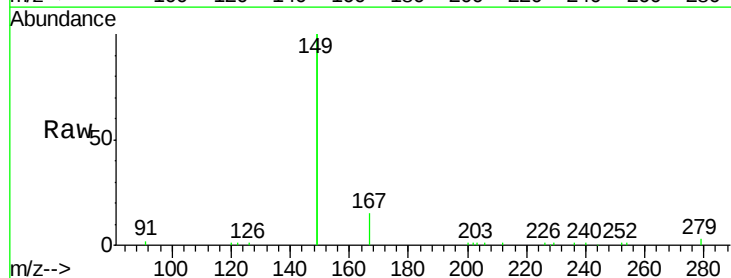
Tgt Ion:149 Resp: 30279

Ion Ratio Lower Upper

149 100

167 6.9 5.4 8.0

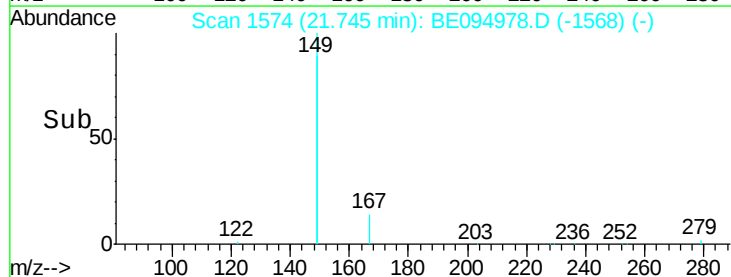
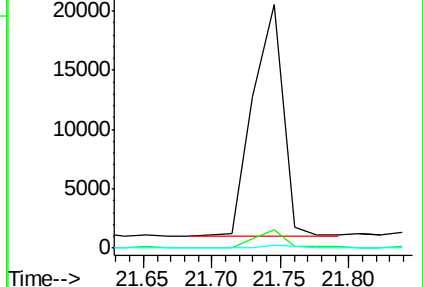
279 0.9 0.7 1.1

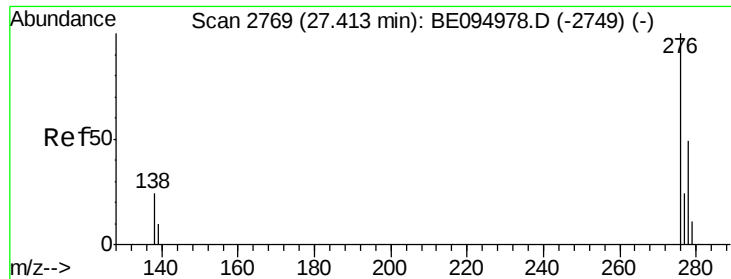


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.392 ng

RT: 27.41 min Scan# 2769

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

Instrument :

BNA\_E

ClientSampleId :

SSTDICCC0.4

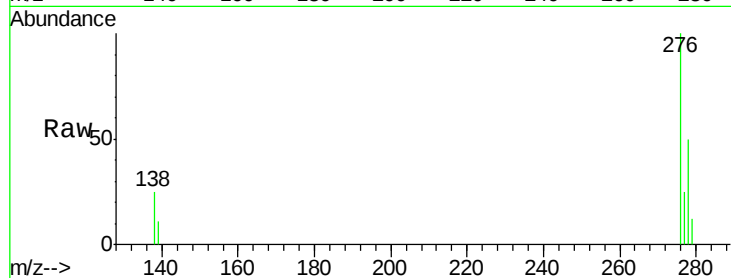
Tgt Ion:276 Resp: 24795

Ion Ratio Lower Upper

276 100

138 27.4 22.5 33.7

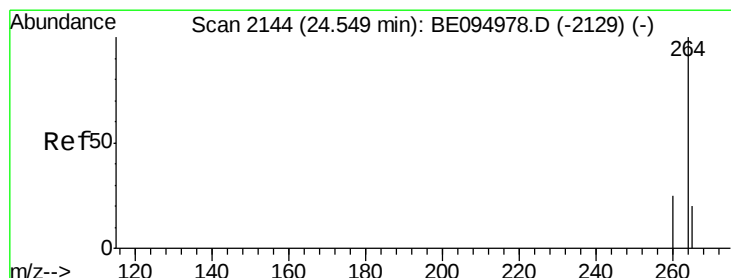
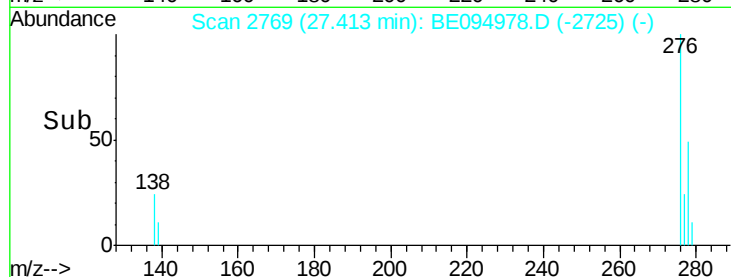
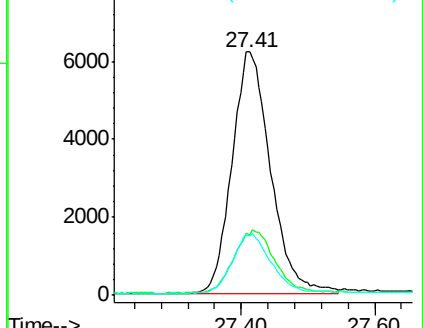
277 24.7 19.9 29.9



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: 0.400 ng

RT: 24.55 min Scan# 2144

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

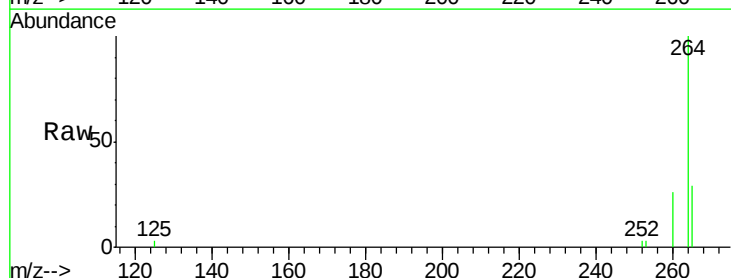
Tgt Ion:264 Resp: 17799

Ion Ratio Lower Upper

264 100

260 25.9 20.5 30.7

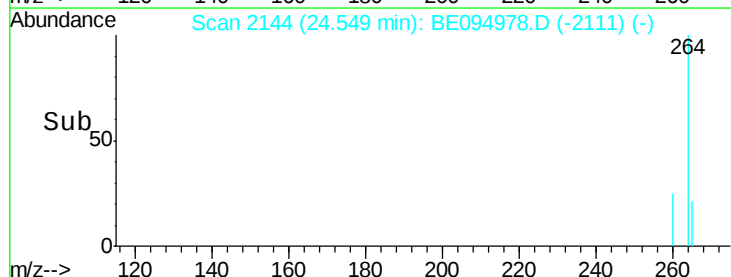
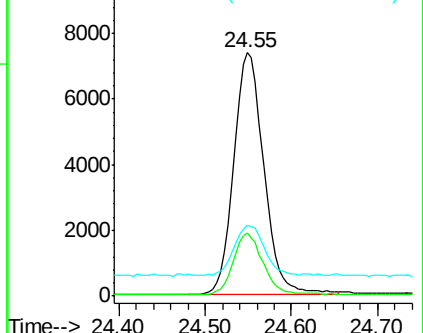
265 29.1 22.8 34.2

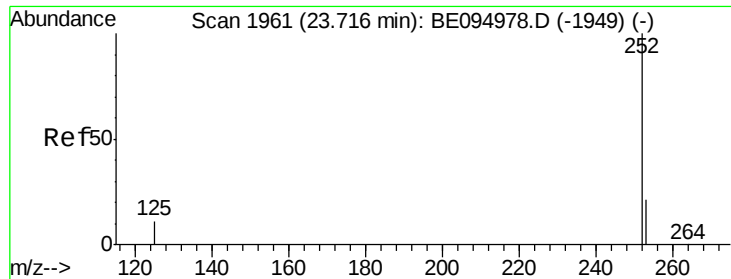


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.404 ng

RT: 23.72 min Scan# 1961

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

Instrument :

BNA\_E

ClientSampleId :

SSTDICCC0.4

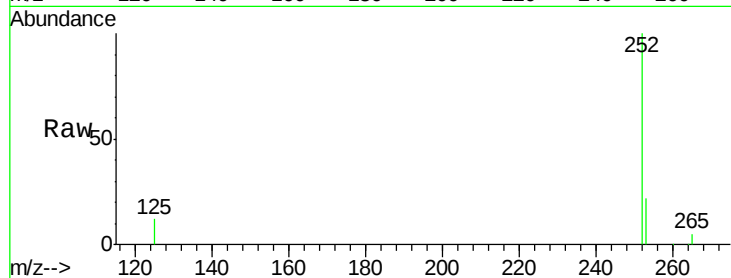
Tgt Ion:252 Resp: 26228

Ion Ratio Lower Upper

252 100

253 22.0 20.0 30.0

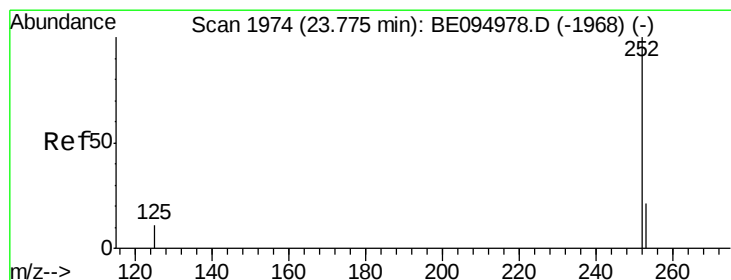
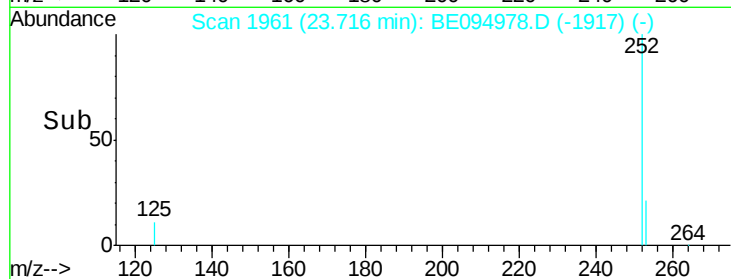
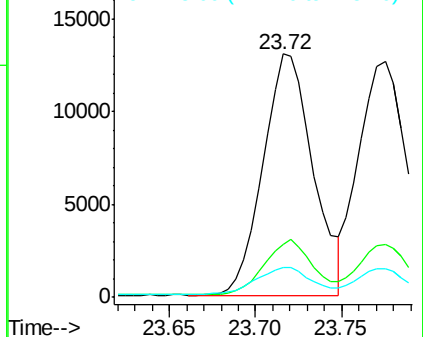
125 12.3 16.0 24.0#



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: 0.380 ng

RT: 23.78 min Scan# 1974

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

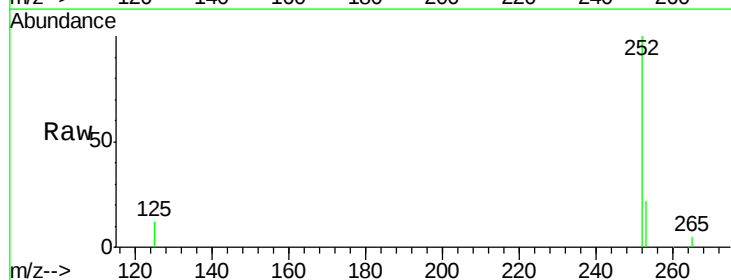
Tgt Ion:252 Resp: 25171

Ion Ratio Lower Upper

252 100

253 22.3 16.0 24.0

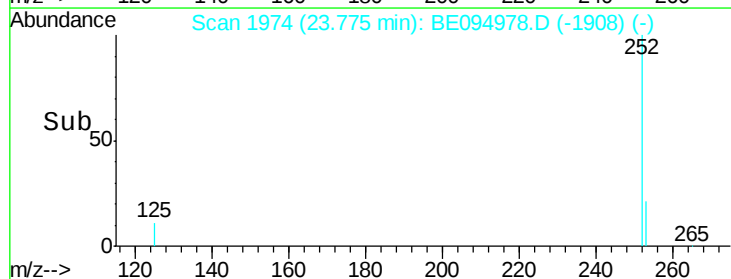
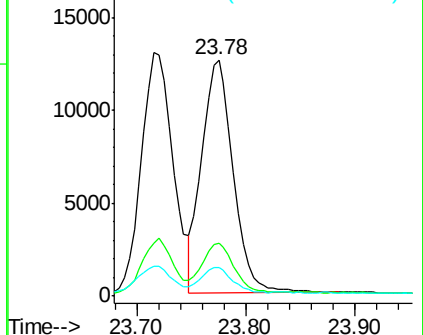
125 12.3 8.0 12.0#

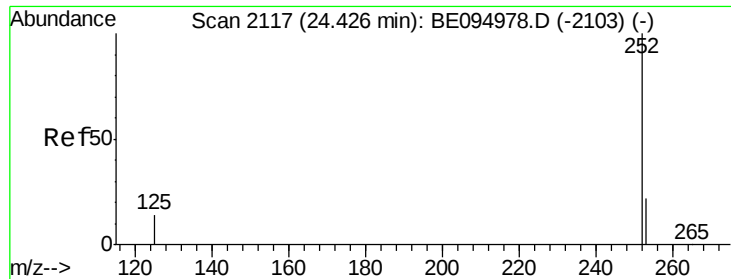


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.405 ng

RT: 24.43 min Scan# 2117

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

Instrument :

BNA\_E

ClientSampleId :

SSTDICCC0.4

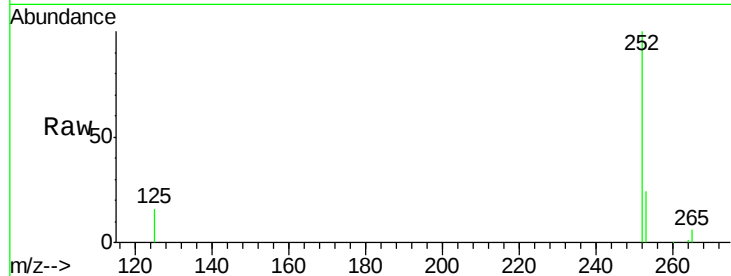
Tgt Ion:252 Resp: 23051

Ion Ratio Lower Upper

252 100

253 23.8 16.0 24.0

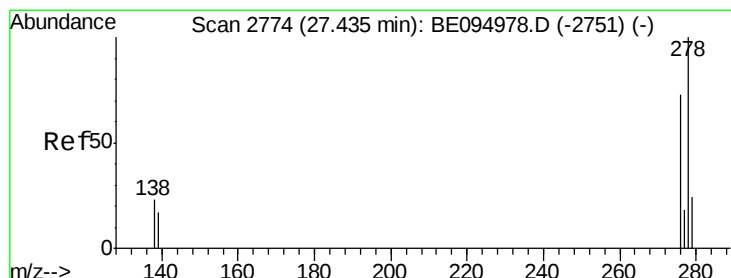
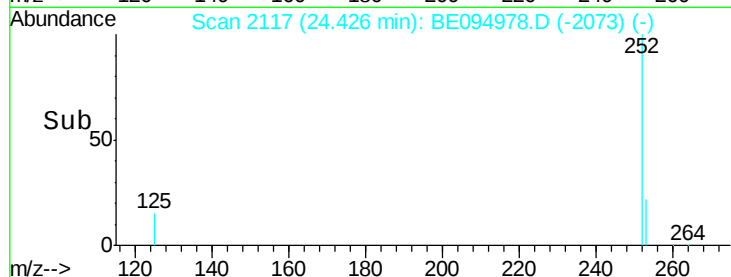
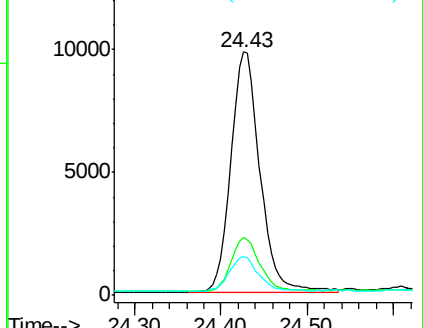
125 16.0 12.0 18.0



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: 0.404 ng

RT: 27.44 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BE094978.D

Acq: 14 Dec 2017 16:05

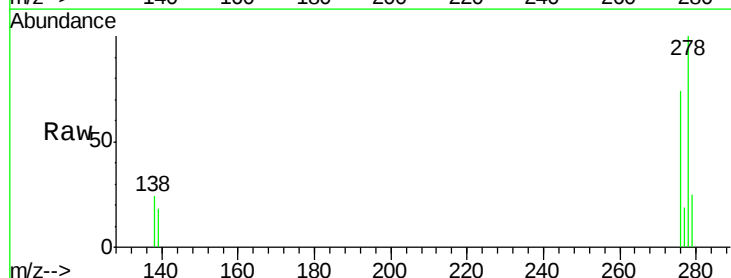
Tgt Ion:278 Resp: 21237

Ion Ratio Lower Upper

278 100

139 17.7 16.0 24.0

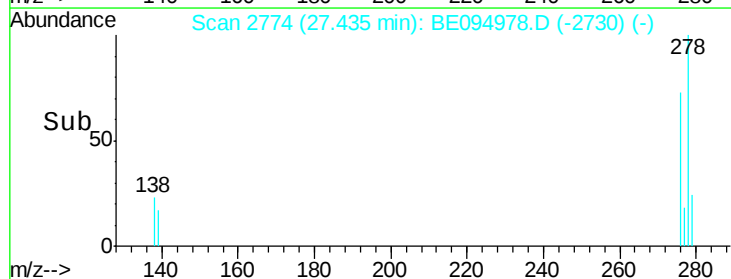
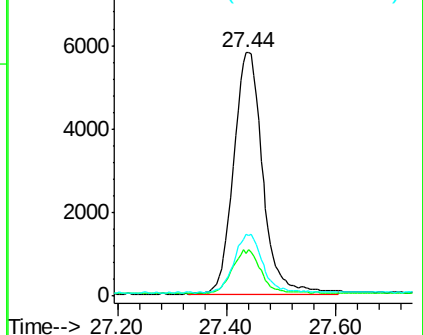
279 25.2 20.0 30.0

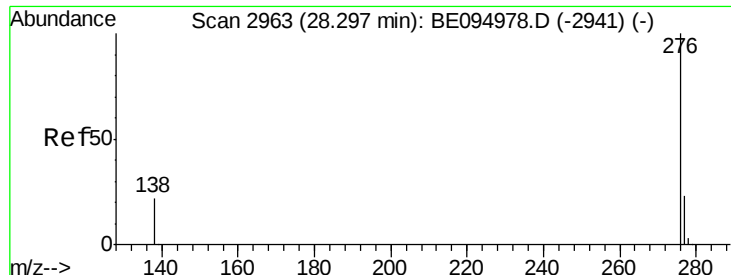


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.399 ng

RT: 28.30 min Scan# 2963

Delta R.T. 0.00 min

Lab File: BE094978.D

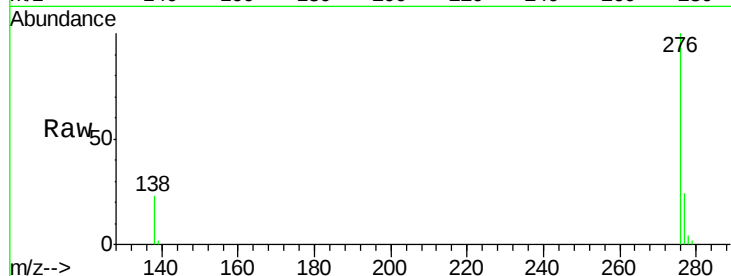
Acq: 14 Dec 2017 16:05

Instrument :

BNA\_E

ClientSampleId :

SSTDICCC0.4



Tgt Ion: 276 Resp: 20960

Ion Ratio Lower Upper

276 100

277 23.9 16.0 24.0

138 23.1 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

