

Data Path : Z:\HPCHEM1\BNA\_E\Data\BE110117\  
 Data File : BE094687.D  
 Acq On : 1 Nov 2017 12:39  
 Operator : SJ/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Nov 01 14:08:26 2017  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE102317.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 23 22:40:47 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.90  | 152  | 1267     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.71 | 136  | 7367     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.52 | 164  | 3996     | 0.40 | ng    | 0.01     |
| 19) Phenanthrene-d10      | 17.27 | 188  | 7207     | 0.40 | ng    | 0.03     |
| 27) Chrysene-d12          | 21.43 | 240  | 9284     | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.97 | 264  | 8541     | 0.40 | ng    | 0.02     |

|                             |       |     |       |      |    |      |
|-----------------------------|-------|-----|-------|------|----|------|
| System Monitoring Compounds |       |     |       |      |    |      |
| 4) 2-Fluorophenol           | 5.56  | 112 | 1407  | 0.32 | ng | 0.04 |
| 5) Phenol-d6                | 7.17  | 99  | 2469  | 0.38 | ng | 0.04 |
| 8) Nitrobenzene-d5          | 9.09  | 82  | 1990  | 0.34 | ng | 0.02 |
| 11) 2-Methylnaphthalene-d10 | 12.29 | 152 | 4066  | 0.34 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 16.06 | 330 | 368   | 0.33 | ng | 0.03 |
| 15) 2-Fluorobiphenyl        | 13.16 | 172 | 5229  | 0.37 | ng | 0.01 |
| 25) Fluoranthene-d10        | 19.29 | 212 | 37323 | 0.43 | ng | 0.00 |
| 29) Terphenyl-d14           | 19.87 | 244 | 6181  | 0.35 | ng | 0.00 |

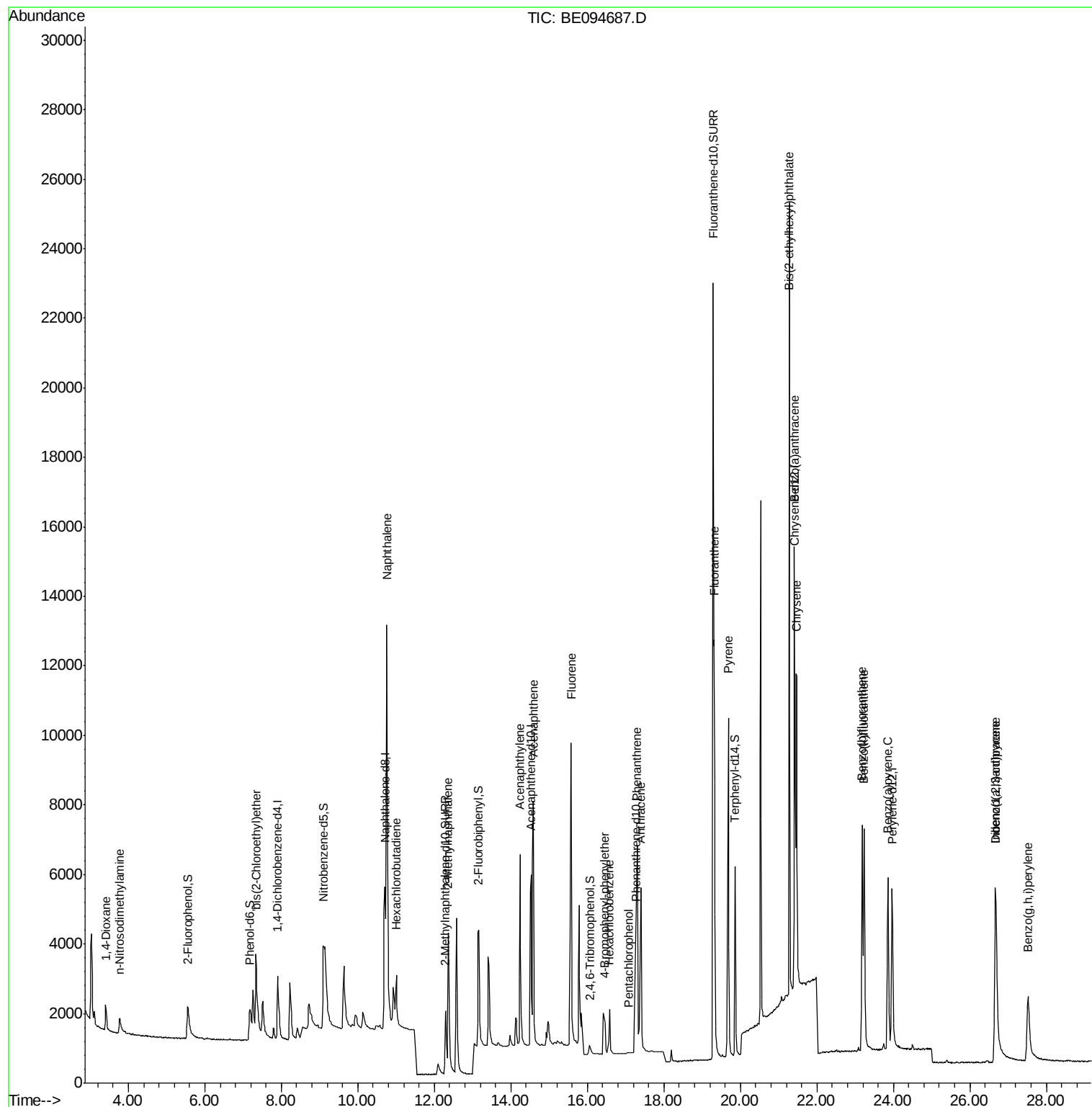
|                                |       |     |       |        |    |      |
|--------------------------------|-------|-----|-------|--------|----|------|
| Target Compounds               |       |     |       | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.41  | 88  | 829   | 0.386  | ng | # 80 |
| 3) n-Nitrosodimethylamine      | 3.76  | 42  | 609   | 0.297  | ng | # 78 |
| 6) bis(2-Chloroethyl)ether     | 7.34  | 93  | 1755  | 0.346  | ng | 71   |
| 9) Naphthalene                 | 10.76 | 128 | 29476 | 0.354  | ng | 100  |
| 10) Hexachlorobutadiene        | 11.01 | 225 | 1179  | 0.391  | ng | 97   |
| 12) 2-Methylnaphthalene        | 12.37 | 142 | 4800  | 0.339  | ng | 98   |
| 16) Acenaphthylene             | 14.24 | 152 | 7308  | 0.346  | ng | 99   |
| 17) Acenaphthene               | 14.58 | 154 | 4855  | 0.358  | ng | 99   |
| 18) Fluorene                   | 15.58 | 166 | 5976  | 0.344  | ng | 98   |
| 20) 4-Bromophenyl-phenylether  | 16.45 | 248 | 1267  | 0.323  | ng | # 59 |
| 21) Hexachlorobenzene          | 16.58 | 284 | 2007  | 0.583  | ng | # 61 |
| 22) Pentachlorophenol          | 17.07 | 266 | 90    | 0.205  | ng | 99   |
| 23) Phenanthrene               | 17.30 | 178 | 10353 | 0.564  | ng | 97   |
| 24) Anthracene                 | 17.40 | 178 | 8037  | 0.379  | ng | 99   |
| 26) Fluoranthene               | 19.32 | 202 | 11103 | 0.414  | ng | 99   |
| 28) Pyrene                     | 19.68 | 202 | 11682 | 0.360  | ng | 99   |
| 30) Benzo(a)anthracene         | 21.42 | 228 | 10893 | 0.360  | ng | # 62 |
| 31) Chrysene                   | 21.47 | 228 | 11211 | 0.365  | ng | # 64 |
| 32) Bis(2-ethylhexyl)phthalate | 21.28 | 149 | 26068 | 0.352  | ng | 99   |
| 33) Indeno(1,2,3-cd)pyrene     | 26.68 | 276 | 8441  | 0.298  | ng | 98   |
| 35) Benzo(b)fluoranthene       | 23.18 | 252 | 9595  | 0.347  | ng | # 42 |
| 36) Benzo(k)fluoranthene       | 23.23 | 252 | 10815 | 0.367  | ng | # 42 |
| 37) Benzo(a)pyrene             | 23.86 | 252 | 9977  | 0.372  | ng | # 35 |
| 38) Dibenzo(a,h)anthracene     | 26.67 | 278 | 7753  | 0.322  | ng | # 48 |
| 39) Benzo(g,h,i)perylene       | 27.52 | 276 | 6392  | 0.284  | ng | # 58 |

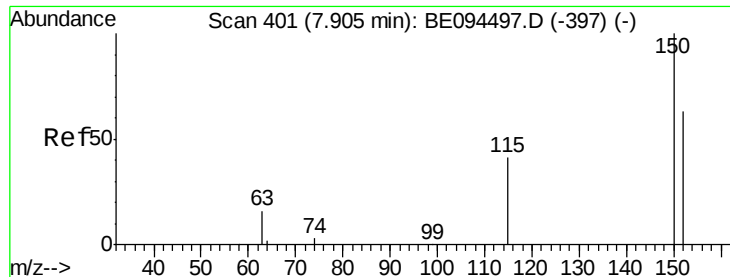
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 23 22:40:47 2017  
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.90 min Scan# 401

Delta R.T. -0.00 min

Lab File: BE094687.D

Acq: 1 Nov 2017 12:39

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

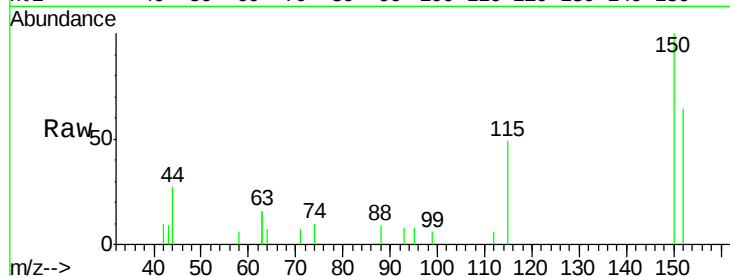
Tgt Ion: 152 Resp: 1267

Ion Ratio Lower Upper

152 100

150 157.4 117.2 175.8

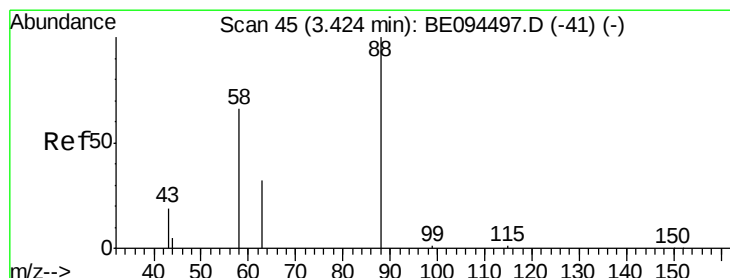
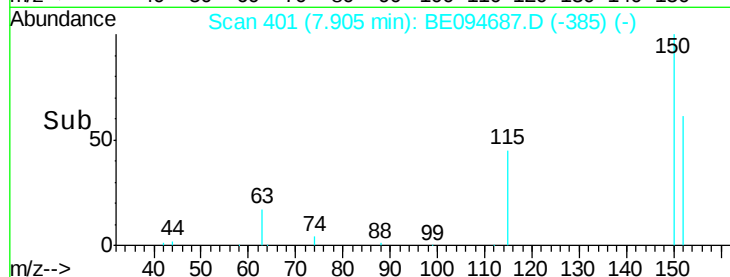
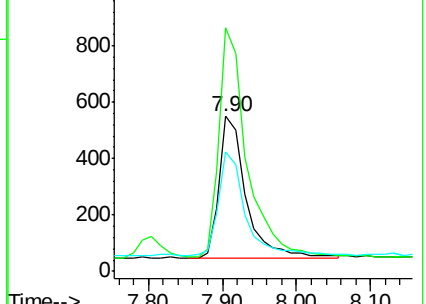
115 77.2 57.0 85.6



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: 0.386 ng

RT: 3.41 min Scan# 44

Delta R.T. -0.01 min

Lab File: BE094687.D

Acq: 1 Nov 2017 12:39

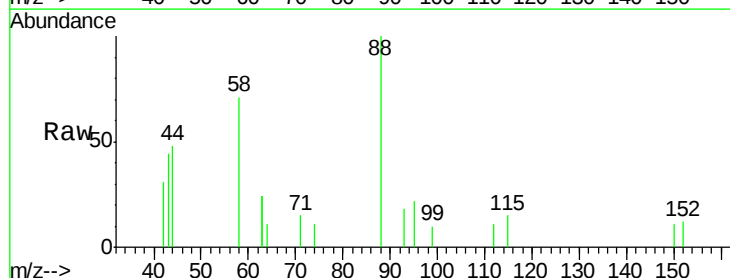
Tgt Ion: 88 Resp: 829

Ion Ratio Lower Upper

88 100

58 67.6 63.2 94.8

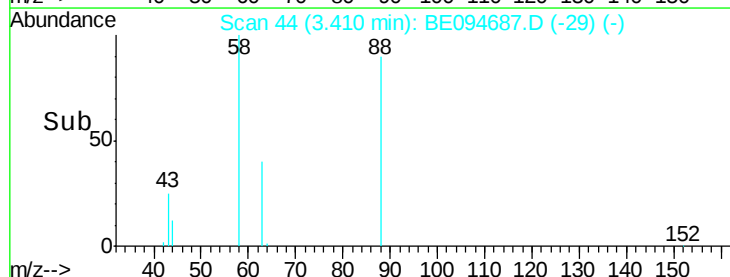
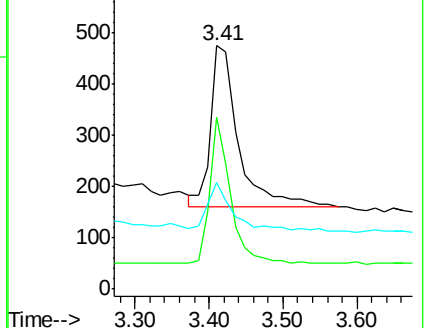
43 29.6 41.2 61.8#

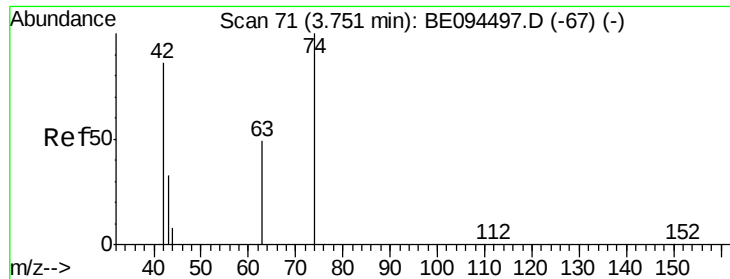


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.297 ng

RT: 3.76 min Scan# 72

Delta R.T. 0.01 min

Lab File: BE094687.D

Acq: 1 Nov 2017 12:39

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

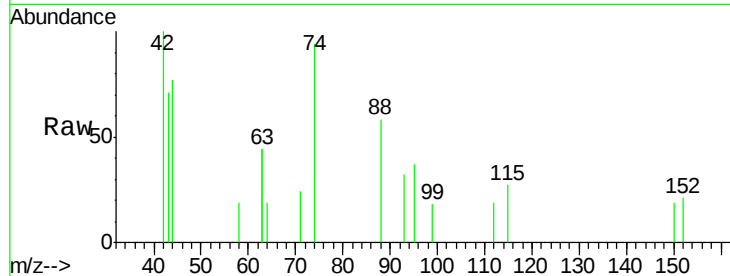
Tgt Ion: 42 Resp: 609

Ion Ratio Lower Upper

42 100

74 151.2 100.3 150.5#

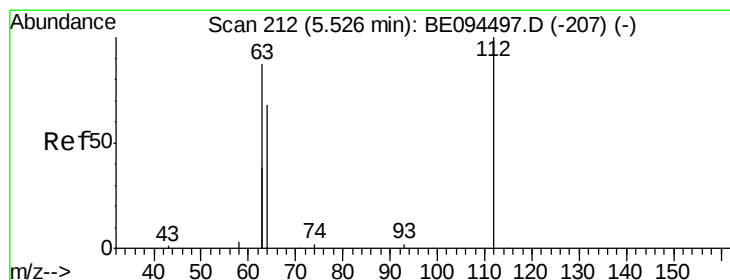
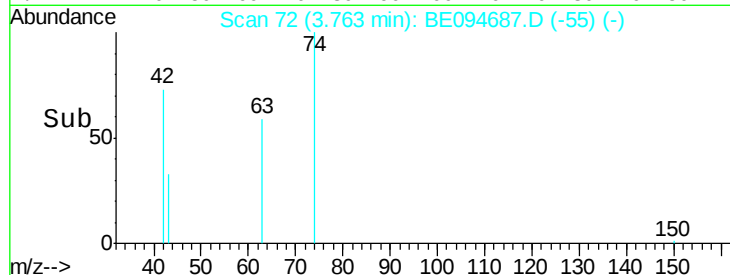
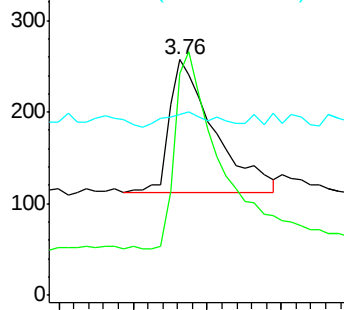
44 11.2 17.0 25.4#



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: 0.324 ng

RT: 5.56 min Scan# 215

Delta R.T. 0.04 min

Lab File: BE094687.D

Acq: 1 Nov 2017 12:39

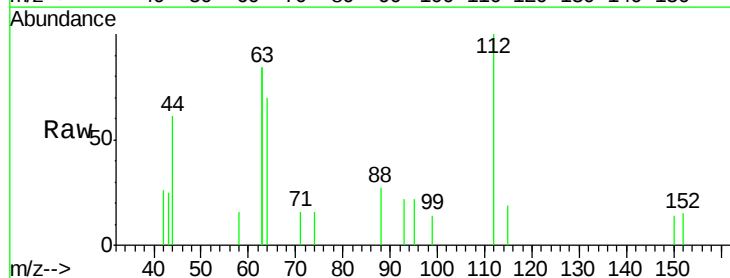
Tgt Ion: 112 Resp: 1407

Ion Ratio Lower Upper

112 100

64 68.4 60.1 90.1

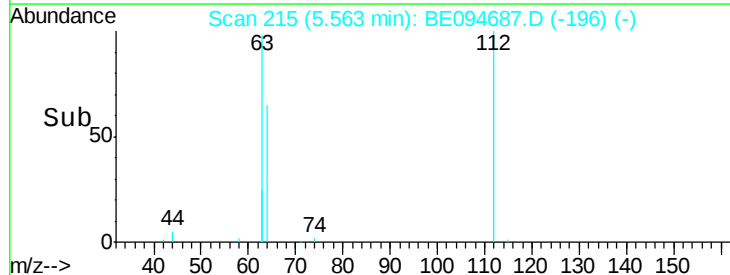
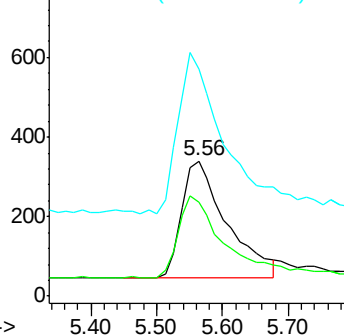
63 137.1 116.8 175.2

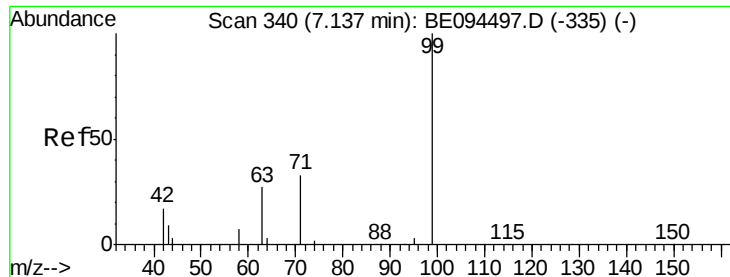


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.377 ng

RT: 7.17 min Scan# 343

Delta R.T. 0.04 min

Lab File: BE094687.D

Acq: 1 Nov 2017 12:39

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

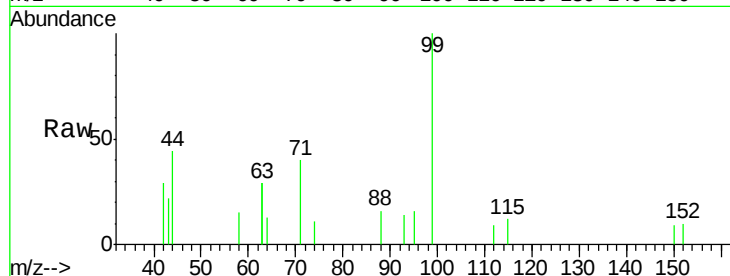
Tgt Ion: 99 Resp: 2469

Ion Ratio Lower Upper

99 100

42 19.0 20.2 30.2#

71 33.9 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

7.17

400

200

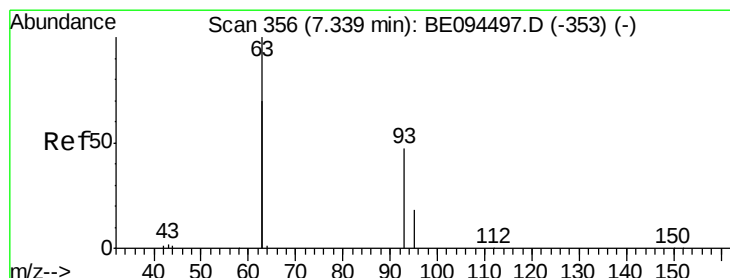
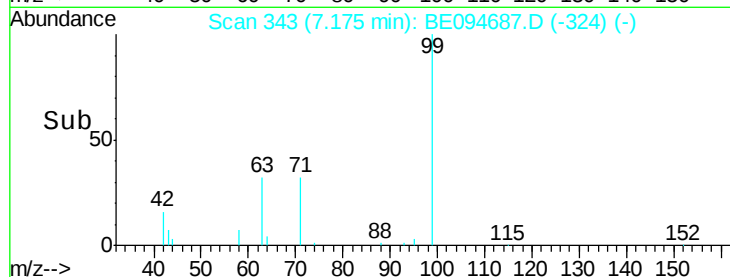
0

Time-->

7.00

7.20

7.40



#6

bis(2-Chloroethyl)ether

Concen: 0.346 ng

RT: 7.34 min Scan# 356

Delta R.T. -0.00 min

Lab File: BE094687.D

Acq: 1 Nov 2017 12:39

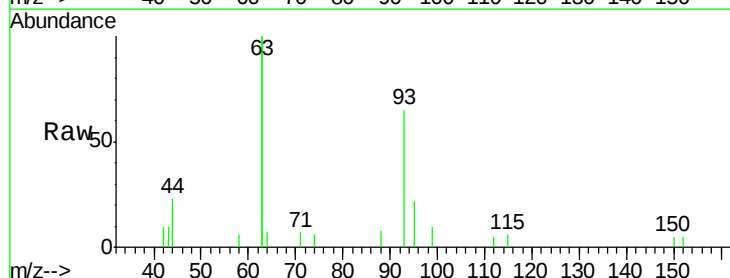
Tgt Ion: 93 Resp: 1755

Ion Ratio Lower Upper

93 100

63 276.9 275.3 412.9

95 26.7 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

2500

2000

1500

1000

500

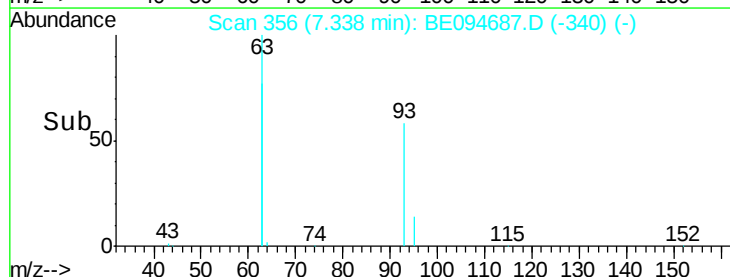
0

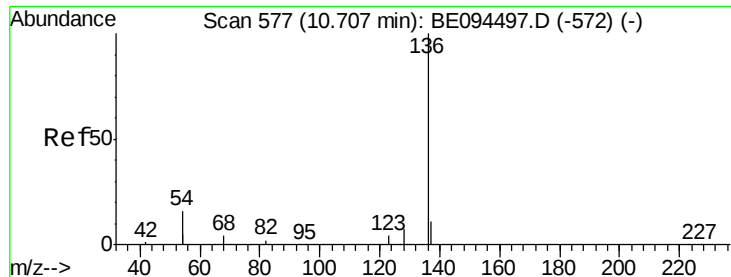
Time-->

7.30

7.40

7.50





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.71 min Scan# 577

Delta R.T. -0.00 min

Lab File: BE094687.D

Acq: 1 Nov 2017 12:39

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 136 Resp: 7367

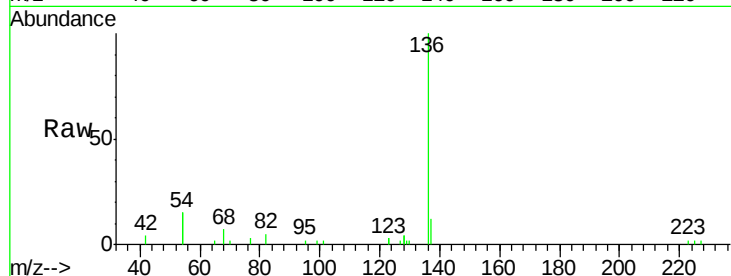
Ion Ratio Lower Upper

136 100

137 12.4 9.5 14.3

54 30.0 29.1 43.7

68 6.8 6.2 9.2

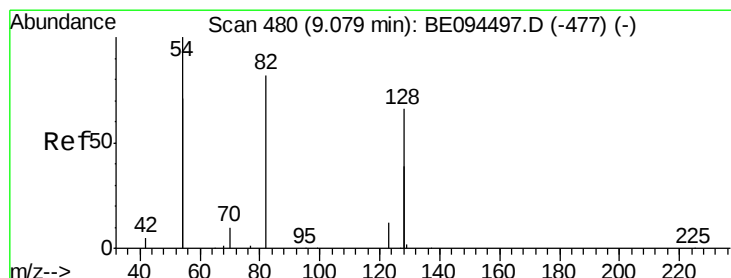
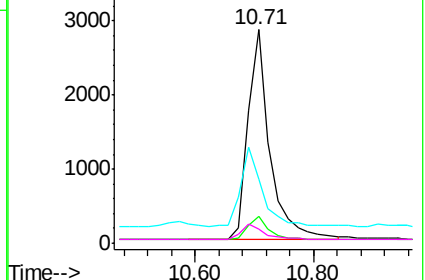
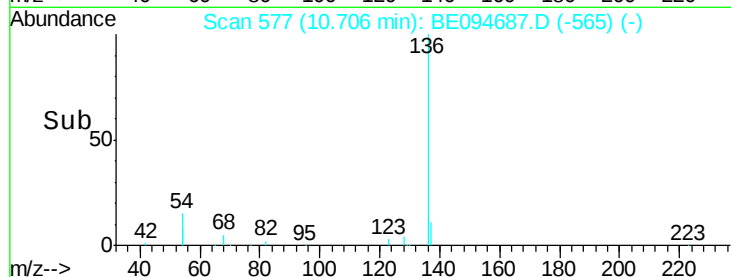


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.338 ng

RT: 9.09 min Scan# 481

Delta R.T. 0.02 min

Lab File: BE094687.D

Acq: 1 Nov 2017 12:39

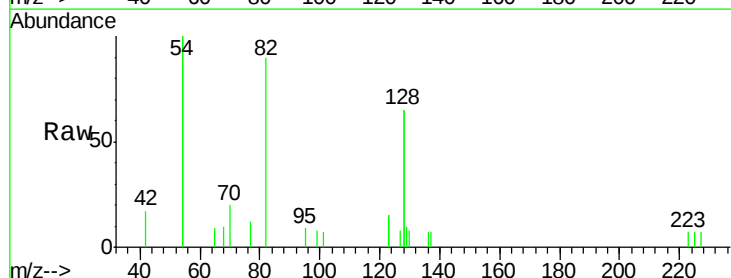
Tgt Ion: 82 Resp: 1990

Ion Ratio Lower Upper

82 100

128 146.0 150.0 225.0#

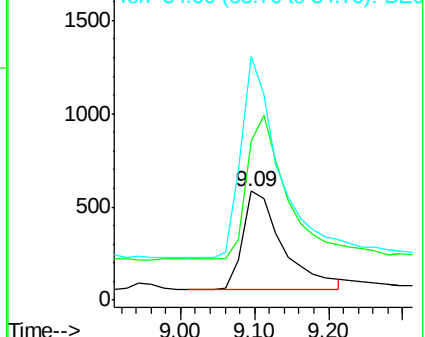
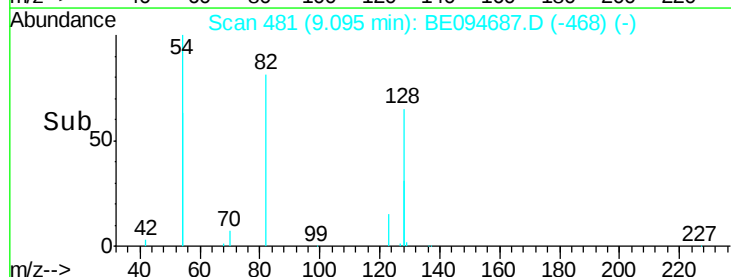
54 223.2 154.2 231.4

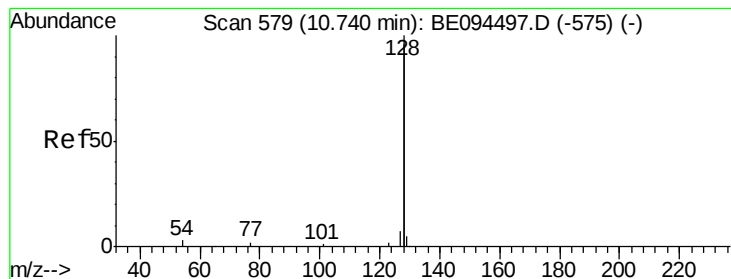


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.354 ng

RT: 10.76 min Scan# 580

Delta R.T. 0.02 min

Lab File: BE094687.D

Acq: 1 Nov 2017 12:39

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BNA\_E

ClientSampleId :

SSTDCCC0.4

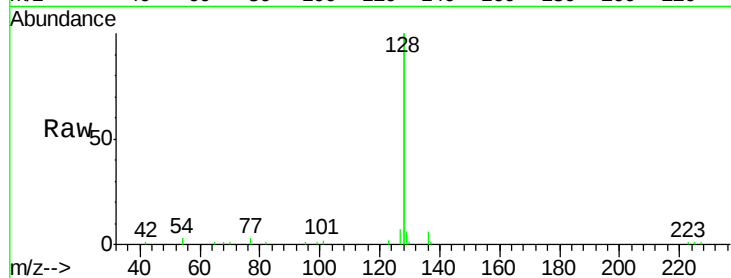
Tgt Ion:128 Resp: 29476

Ion Ratio Lower Upper

128 100

129 3.2 2.6 3.8

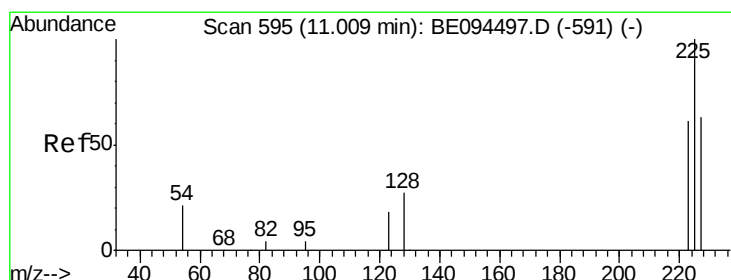
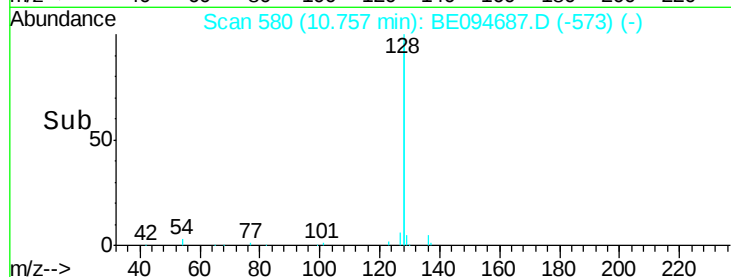
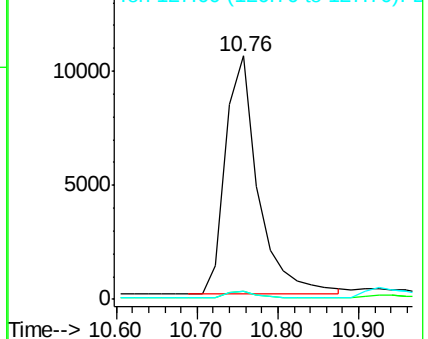
127 3.5 2.8 4.2



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: 0.391 ng

RT: 11.01 min Scan# 595

Delta R.T. -0.00 min

Lab File: BE094687.D

Acq: 1 Nov 2017 12:39

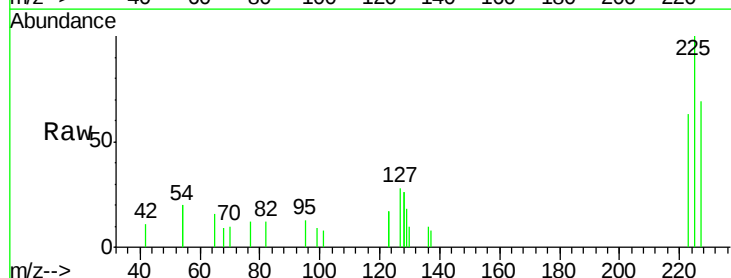
Tgt Ion:225 Resp: 1179

Ion Ratio Lower Upper

225 100

223 61.6 53.0 79.6

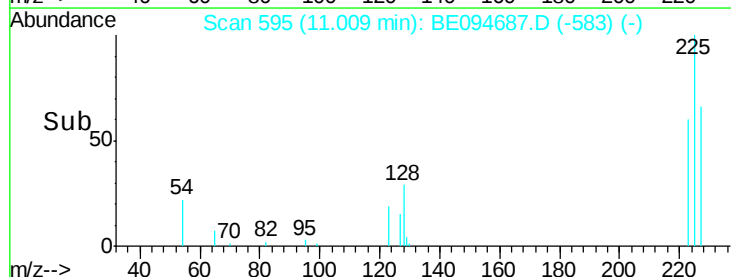
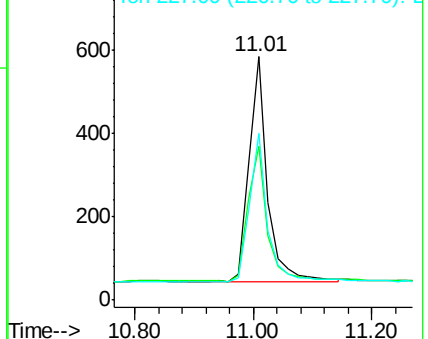
227 64.9 51.4 77.2

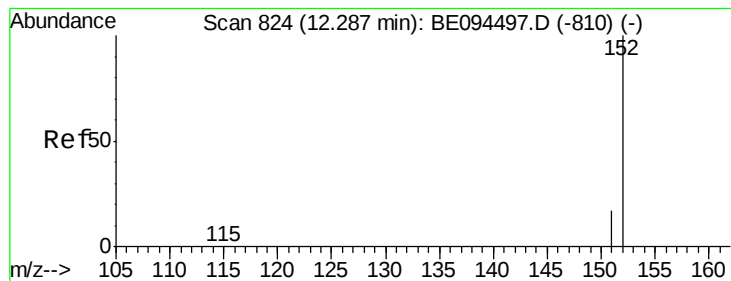


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.344 ng

RT: 12.29 min Scan# 825

Delta R.T. 0.00 min

Lab File: BE094687.D

Acq: 1 Nov 2017 12:39

Instrument :

BNA\_E

ClientSampleId :

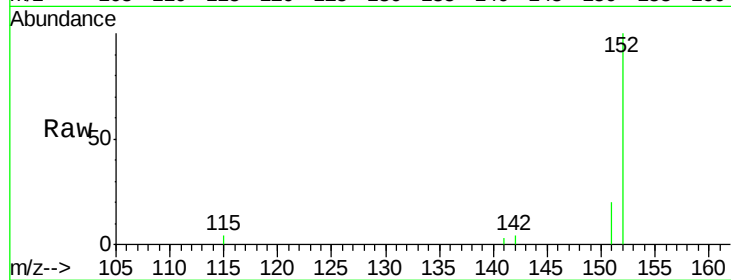
SSTDCCC0.4

Tgt Ion:152 Resp: 4066

Ion Ratio Lower Upper

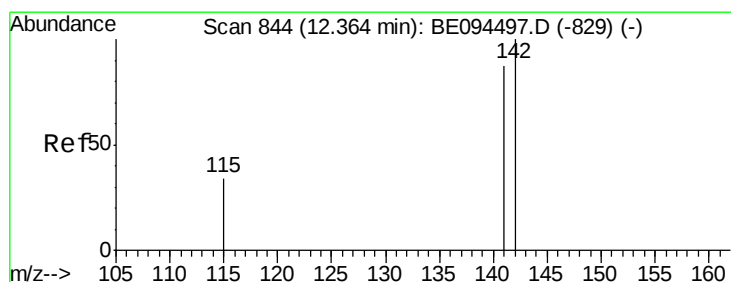
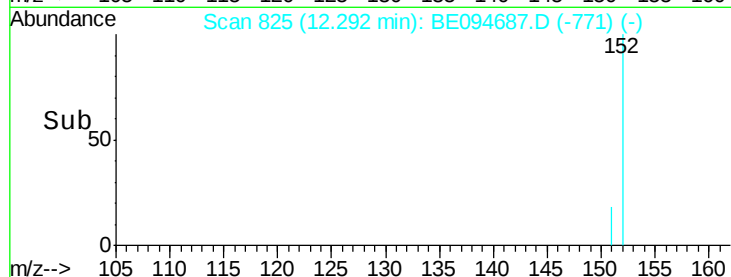
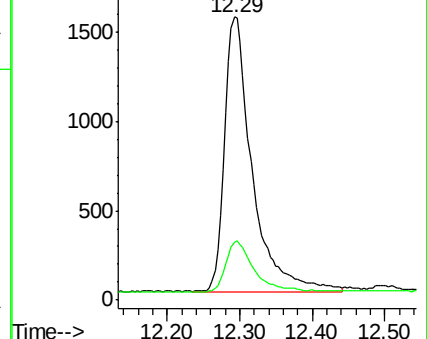
152 100

151 18.7 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: 0.339 ng

RT: 12.37 min Scan# 845

Delta R.T. 0.00 min

Lab File: BE094687.D

Acq: 1 Nov 2017 12:39

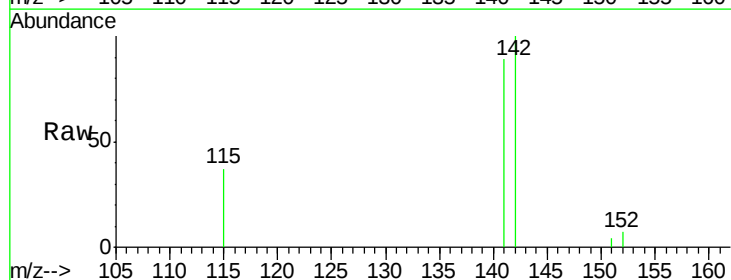
Tgt Ion:142 Resp: 4800

Ion Ratio Lower Upper

142 100

141 89.1 70.4 105.6

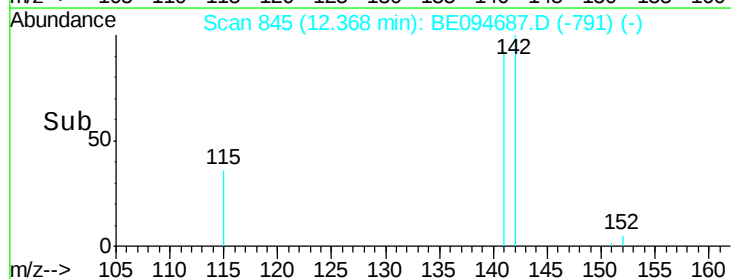
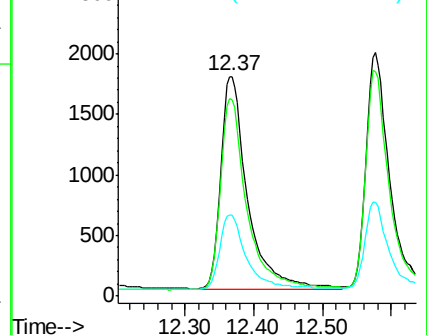
115 36.9 31.7 47.5

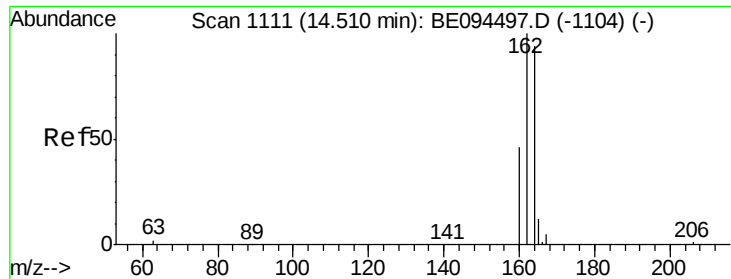


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

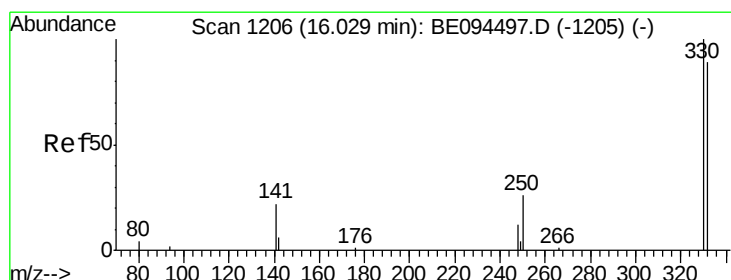
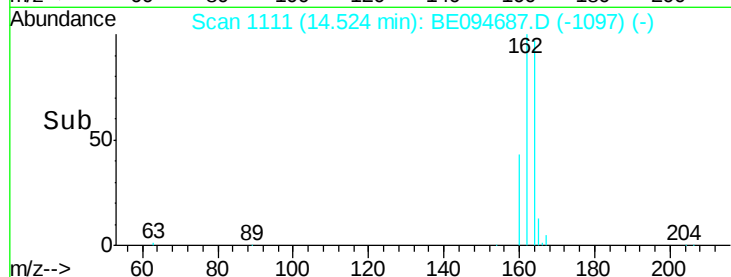
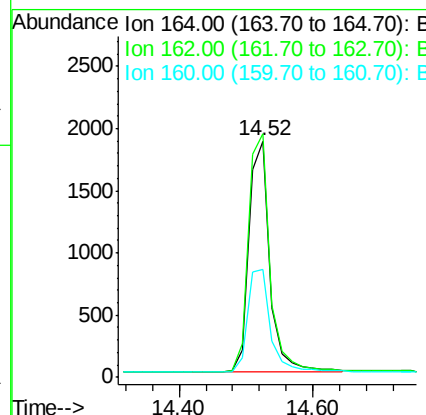
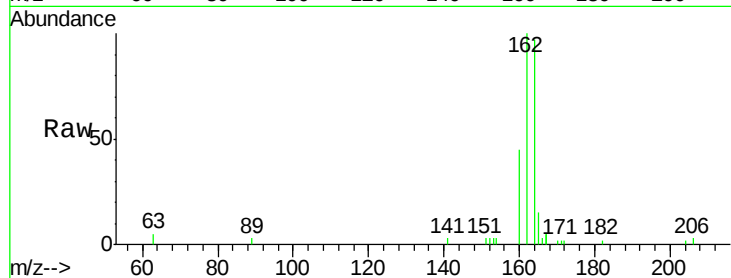




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.52 min Scan# 1111  
Delta R.T. 0.01 min  
Lab File: BE094687.D  
Acq: 1 Nov 2017 12:39

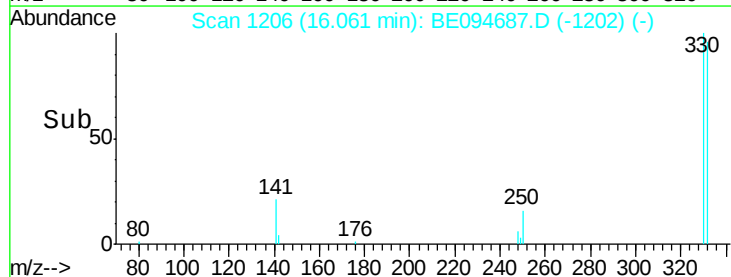
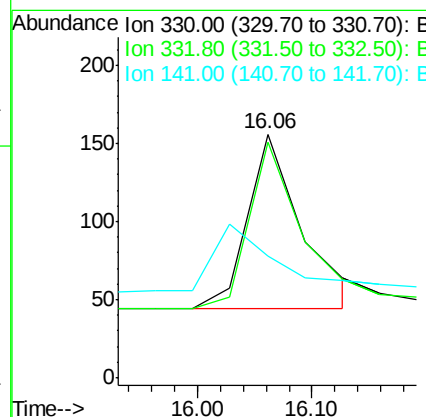
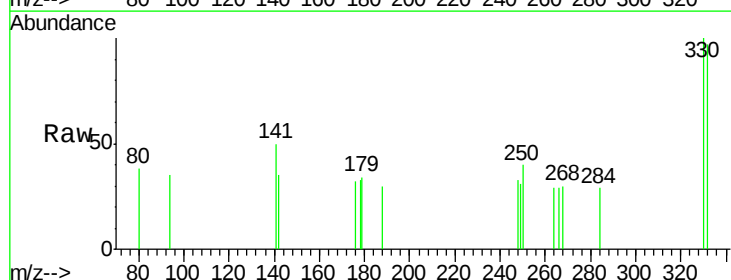
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

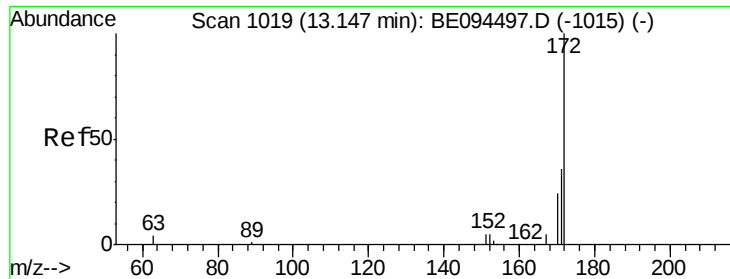
Tgt Ion:164 Resp: 3996  
Ion Ratio Lower Upper  
164 100  
162 103.1 83.1 124.7  
160 45.9 37.1 55.7



#14  
2,4,6-Tribromophenol  
Concen: 0.334 ng  
RT: 16.06 min Scan# 1206  
Delta R.T. 0.03 min  
Lab File: BE094687.D  
Acq: 1 Nov 2017 12:39

Tgt Ion:330 Resp: 368  
Ion Ratio Lower Upper  
330 100  
332 94.0 152.7 229.1#  
141 0.0 33.7 50.5#

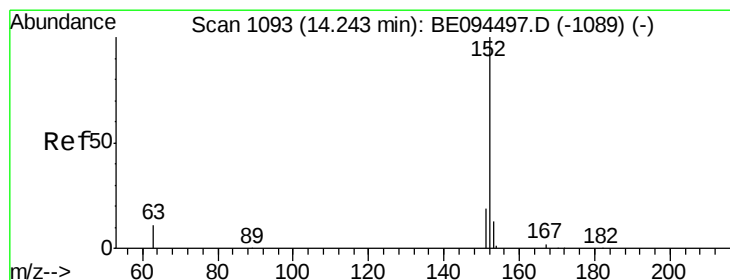
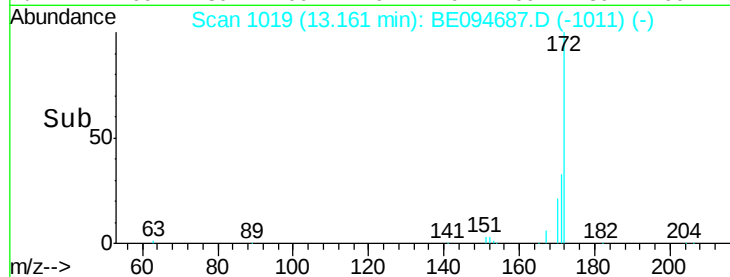
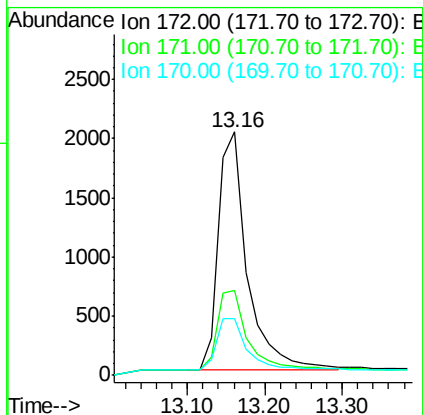
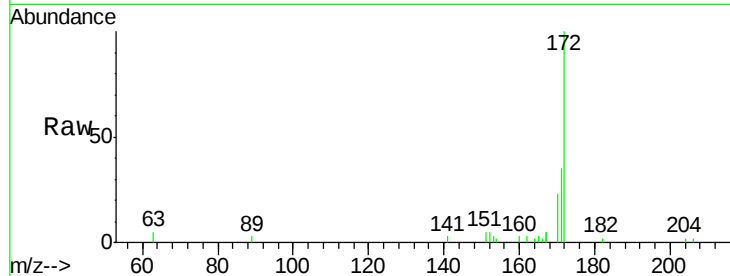




#15  
2-Fluorobiphenyl  
Concen: 0.371 ng  
RT: 13.16 min Scan# 1019  
Delta R.T. 0.01 min  
Lab File: BE094687.D  
Acq: 1 Nov 2017 12:39

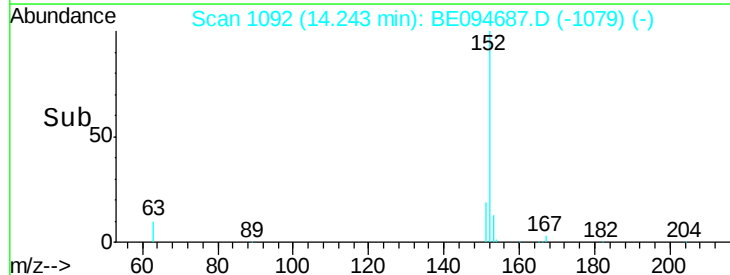
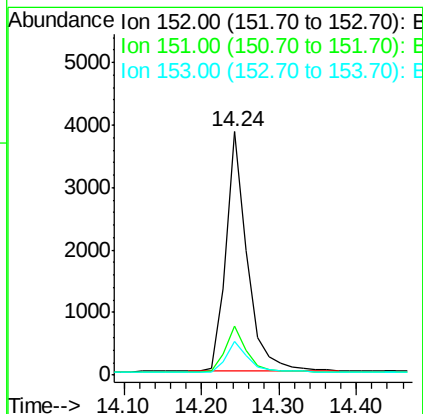
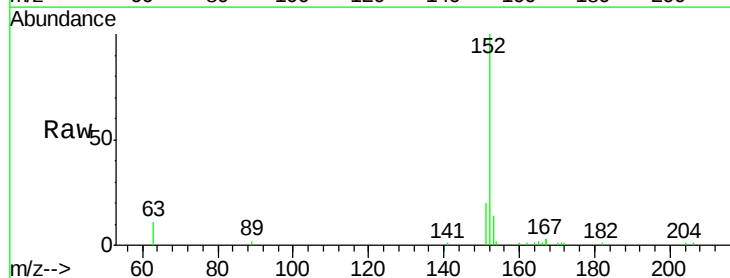
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

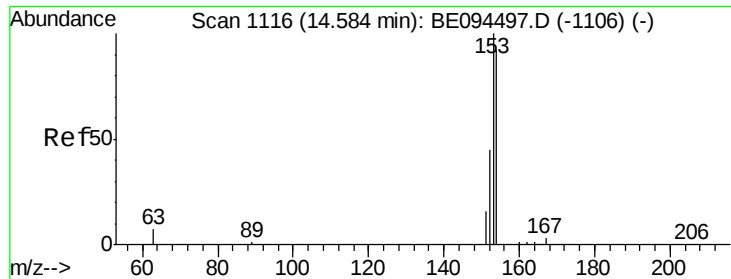
Tgt Ion:172 Resp: 5229  
Ion Ratio Lower Upper  
172 100  
171 34.7 29.9 44.9  
170 23.2 21.8 32.8



#16  
Acenaphthylene  
Concen: 0.346 ng  
RT: 14.24 min Scan# 1092  
Delta R.T. -0.00 min  
Lab File: BE094687.D  
Acq: 1 Nov 2017 12:39

Tgt Ion:152 Resp: 7308  
Ion Ratio Lower Upper  
152 100  
151 20.0 15.7 23.5  
153 13.4 10.5 15.7





#17

Acenaphthene

Concen: 0.358 ng

RT: 14.58 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BE094687.D

Acq: 1 Nov 2017 12:39

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

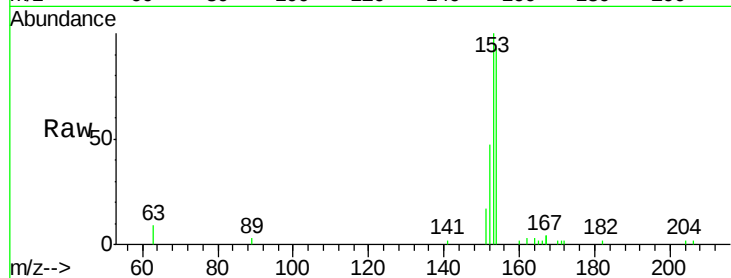
Tgt Ion:154 Resp: 4855

Ion Ratio Lower Upper

154 100

153 111.3 89.2 133.8

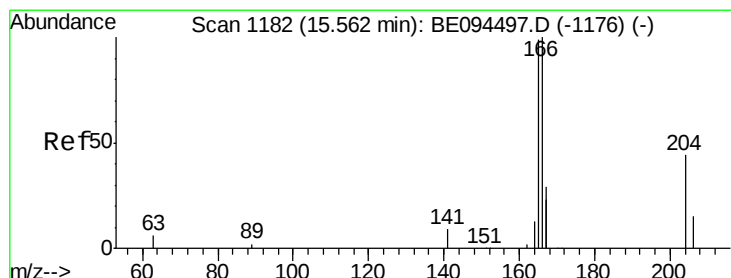
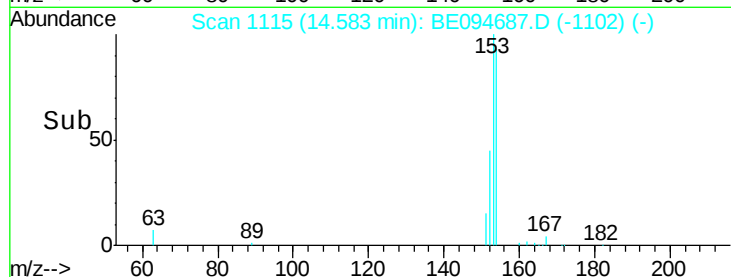
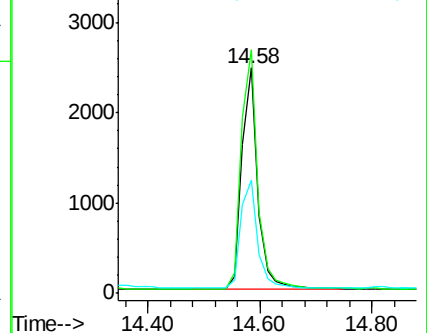
152 51.1 42.0 63.0



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: 0.344 ng

RT: 15.58 min Scan# 1182

Delta R.T. 0.01 min

Lab File: BE094687.D

Acq: 1 Nov 2017 12:39

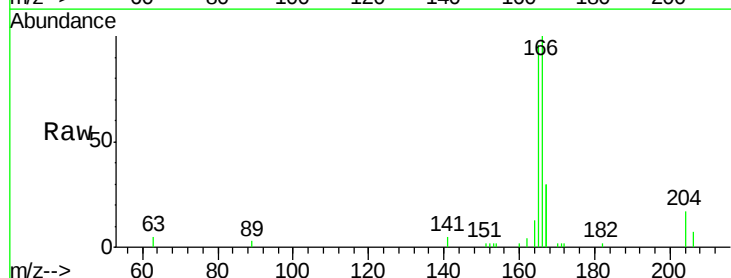
Tgt Ion:166 Resp: 5976

Ion Ratio Lower Upper

166 100

165 99.2 77.8 116.6

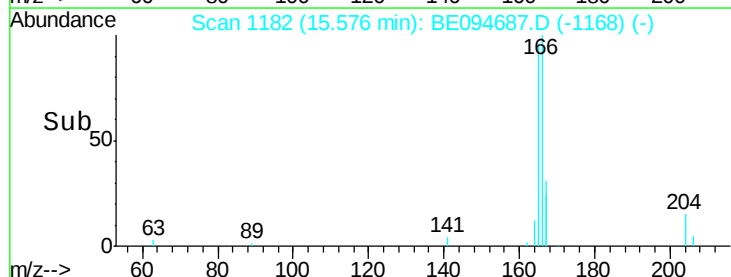
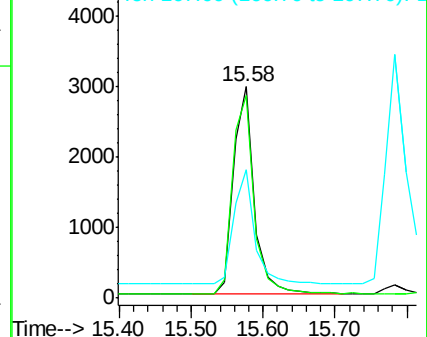
167 54.6 42.4 63.6

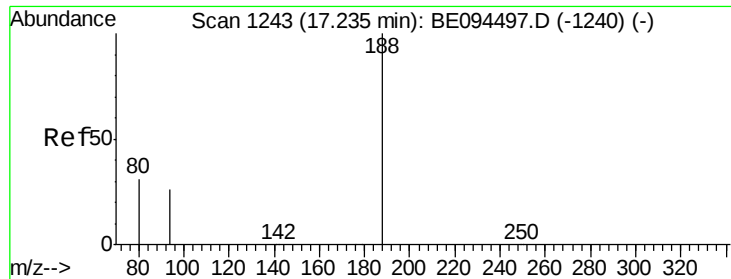


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.27 min Scan# 1243

Delta R.T. 0.03 min

Lab File: BE094687.D

Acq: 1 Nov 2017 12:39

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

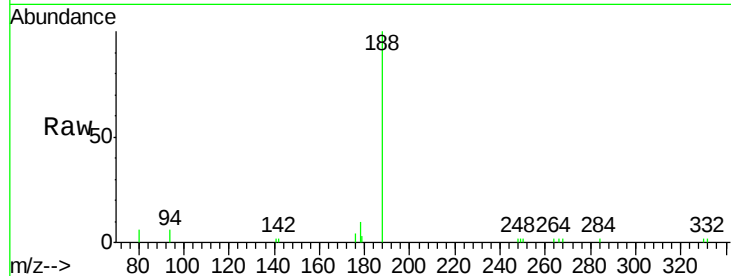
Tgt Ion:188 Resp: 7207

Ion Ratio Lower Upper

188 100

94 6.0 3.9 5.9#

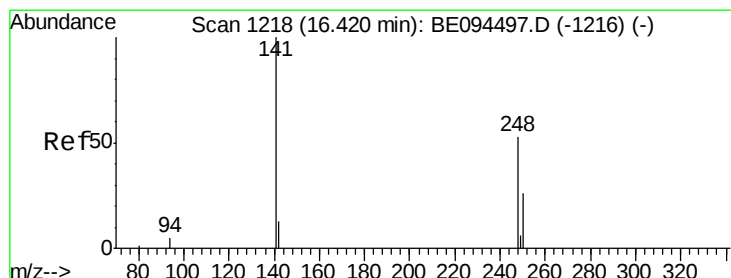
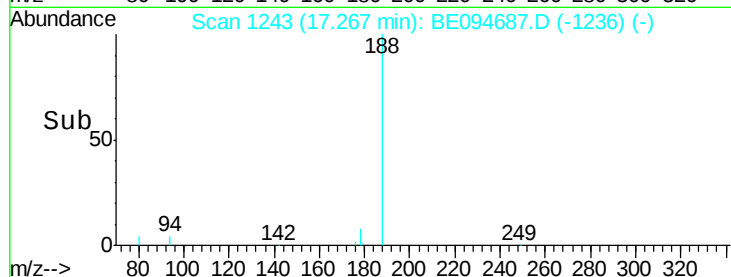
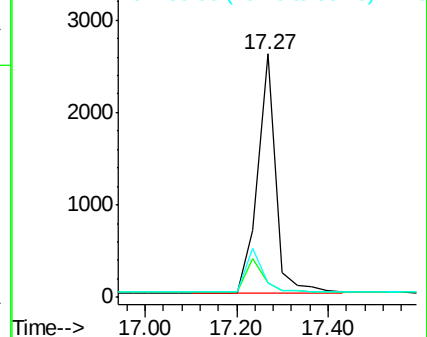
80 6.0 3.6 5.4#



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: 0.323 ng

RT: 16.45 min Scan# 1218

Delta R.T. 0.03 min

Lab File: BE094687.D

Acq: 1 Nov 2017 12:39

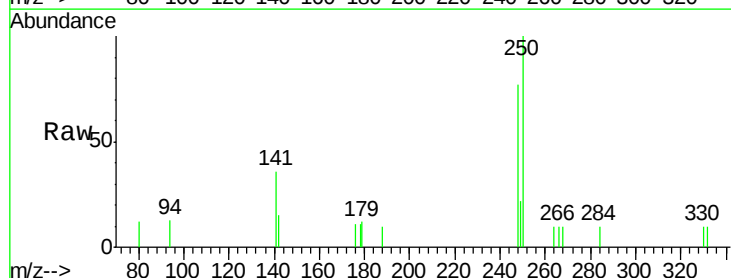
Tgt Ion:248 Resp: 1267

Ion Ratio Lower Upper

248 100

250 129.2 62.7 94.1#

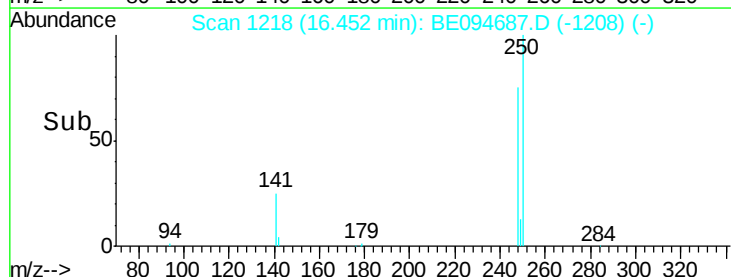
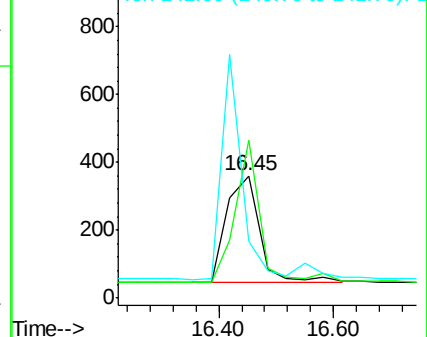
141 46.1 48.2 72.2#

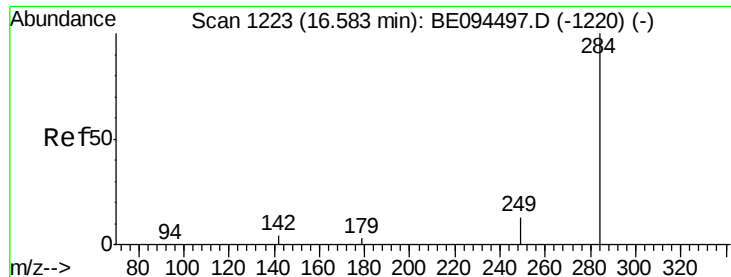


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.583 ng

RT: 16.58 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BE094687.D

Acq: 1 Nov 2017 12:39

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

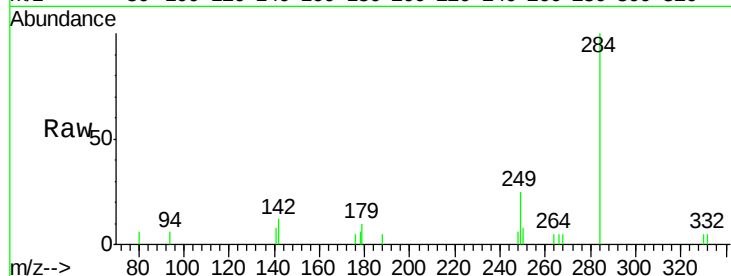
Tgt Ion:284 Resp: 2007

Ion Ratio Lower Upper

284 100

142 0.0 22.1 33.1#

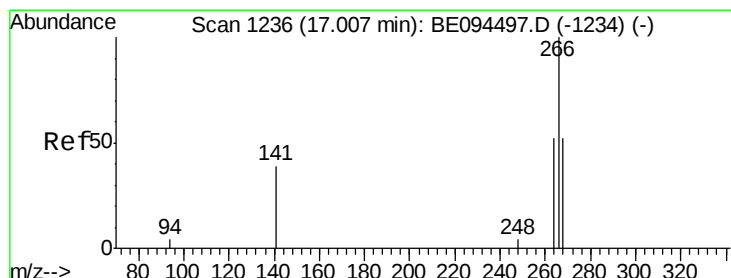
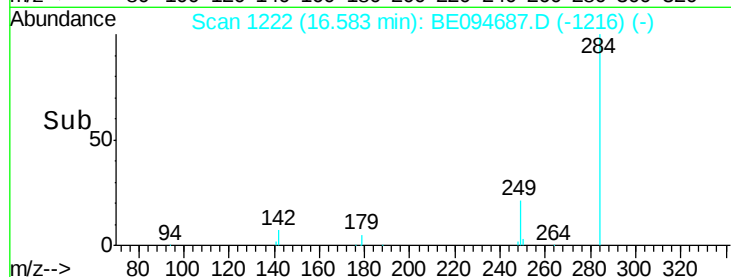
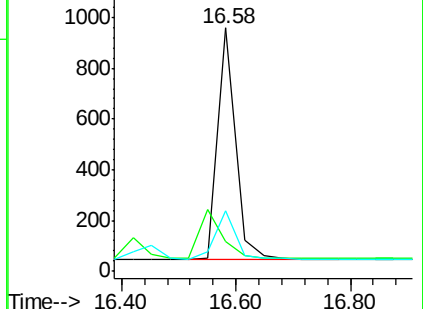
249 23.9 34.8 52.2#



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: 0.205 ng

RT: 17.07 min Scan# 1237

Delta R.T. 0.06 min

Lab File: BE094687.D

Acq: 1 Nov 2017 12:39

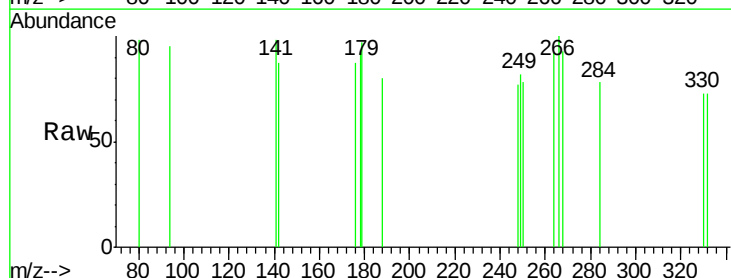
Tgt Ion:266 Resp: 90

Ion Ratio Lower Upper

266 100

264 91.7 72.5 108.7

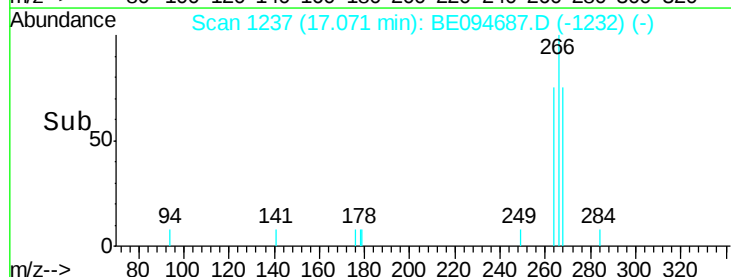
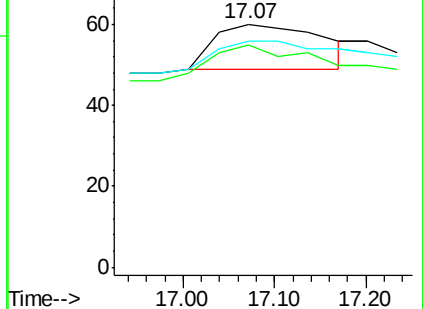
268 93.3 73.8 110.6

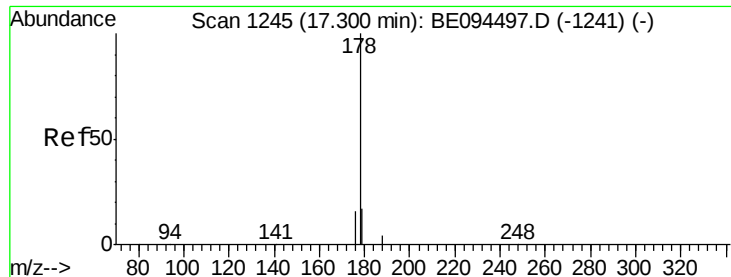


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.564 ng

RT: 17.30 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BE094687.D

Acq: 1 Nov 2017 12:39

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

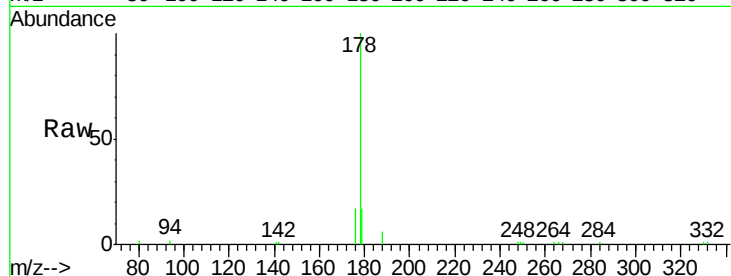
Tgt Ion:178 Resp: 10353

Ion Ratio Lower Upper

178 100

176 17.5 15.1 22.7

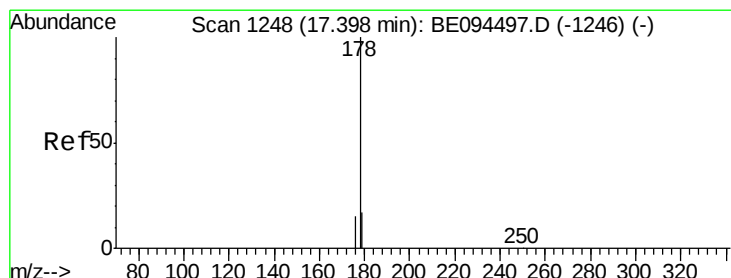
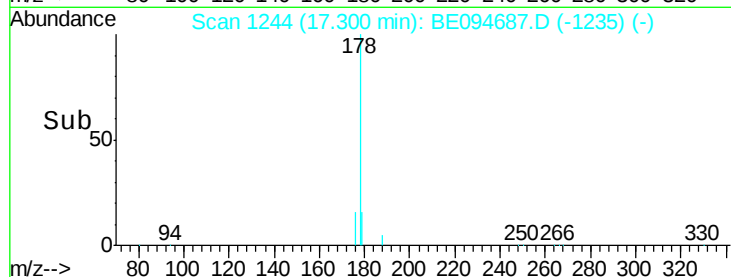
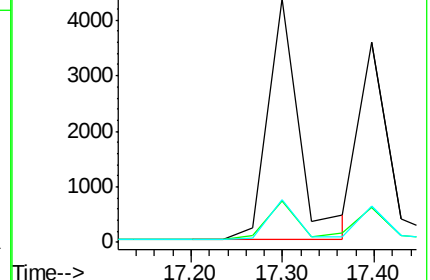
179 15.8 11.8 17.6



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: 0.379 ng

RT: 17.40 min Scan# 1247

Delta R.T. -0.00 min

Lab File: BE094687.D

Acq: 1 Nov 2017 12:39

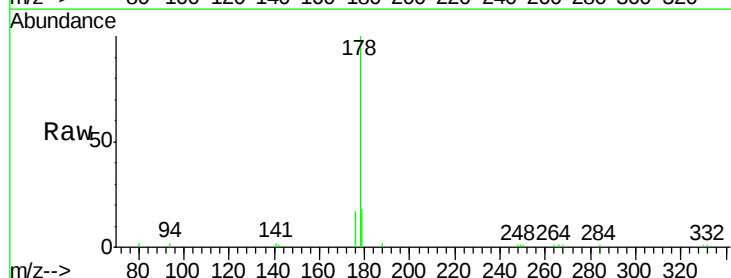
Tgt Ion:178 Resp: 8037

Ion Ratio Lower Upper

178 100

176 16.0 12.8 19.2

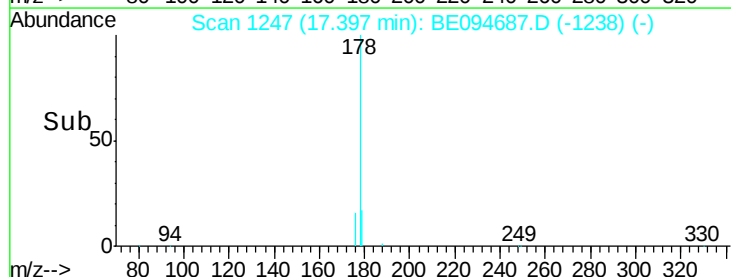
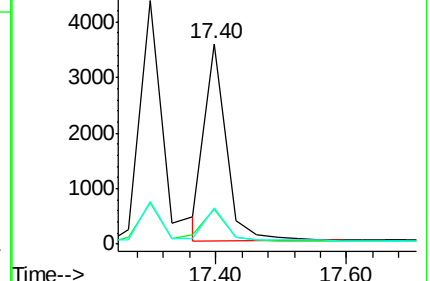
179 16.9 13.0 19.6

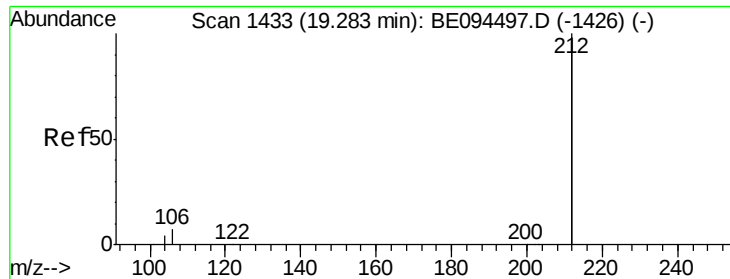


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

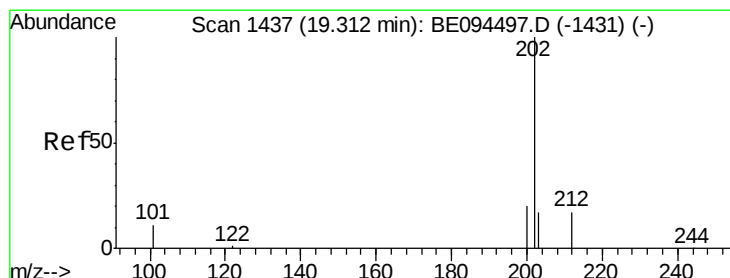
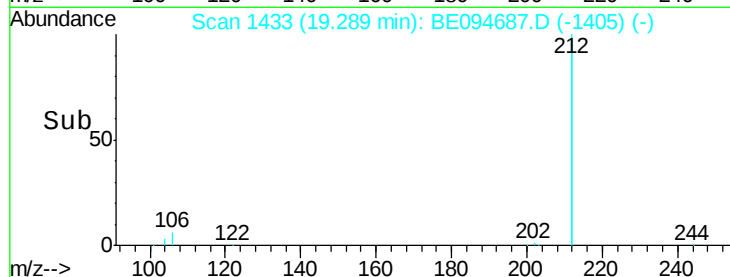
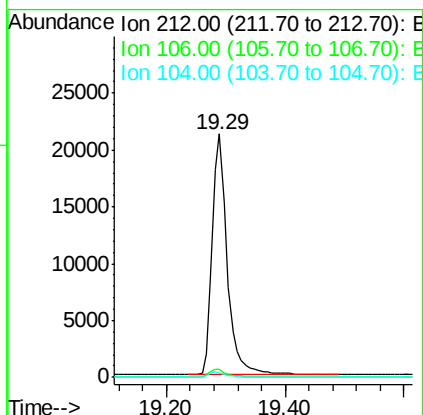
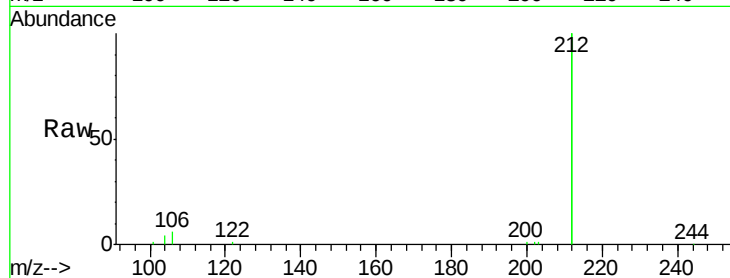




#25  
 Fluoranthene-d10  
 Concen: 0.426 ng  
 RT: 19.29 min Scan# 1433  
 Delta R.T. 0.01 min  
 Lab File: BE094687.D  
 Acq: 1 Nov 2017 12:39

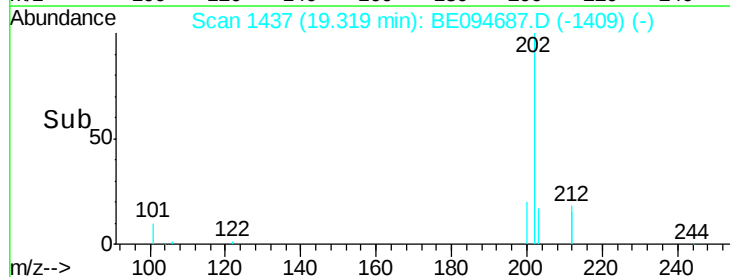
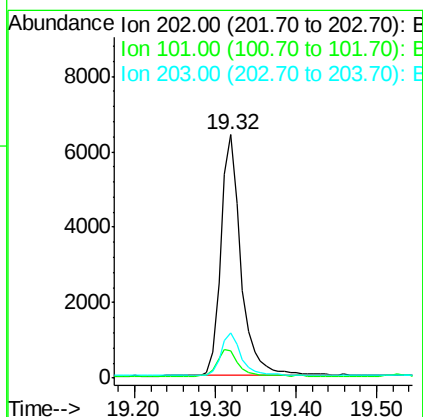
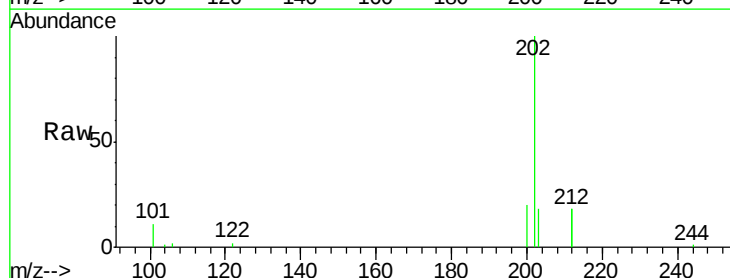
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

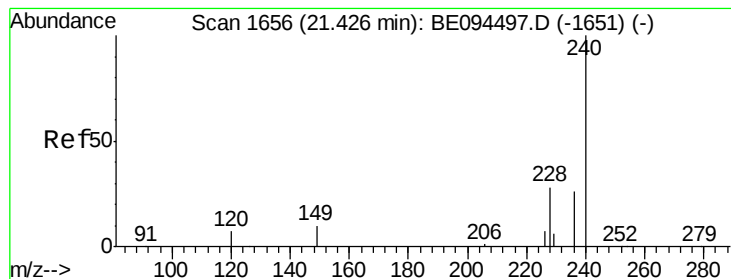
Tgt Ion: 212 Resp: 37323  
 Ion Ratio Lower Upper  
 212 100  
 106 3.3 2.8 4.2  
 104 1.9 1.6 2.4



#26  
 Fluoranthene  
 Concen: 0.414 ng  
 RT: 19.32 min Scan# 1437  
 Delta R.T. 0.01 min  
 Lab File: BE094687.D  
 Acq: 1 Nov 2017 12:39

Tgt Ion: 202 Resp: 11103  
 Ion Ratio Lower Upper  
 202 100  
 101 11.9 9.8 14.8  
 203 17.5 13.7 20.5





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.43 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BE094687.D

Acq: 1 Nov 2017 12:39

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

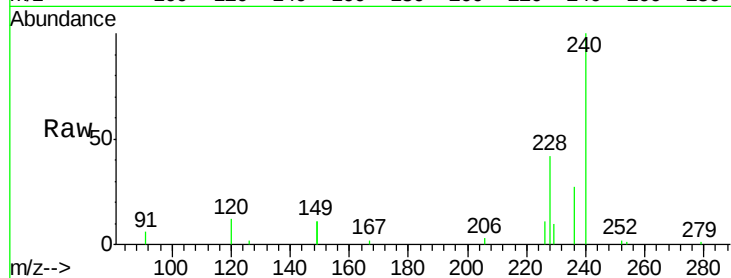
Tgt Ion:240 Resp: 9284

Ion Ratio Lower Upper

240 100

120 11.8 5.5 8.3#

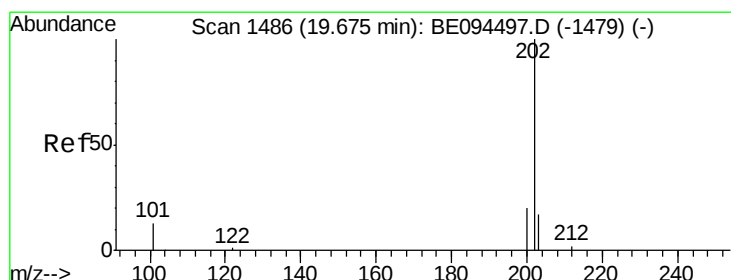
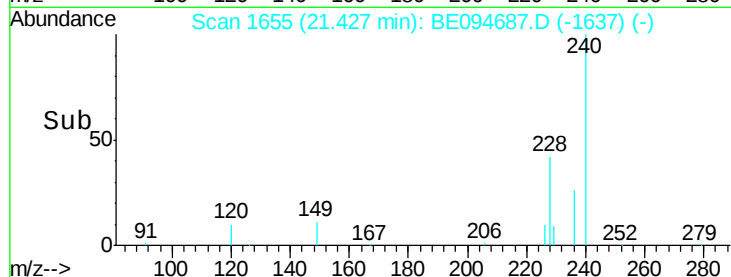
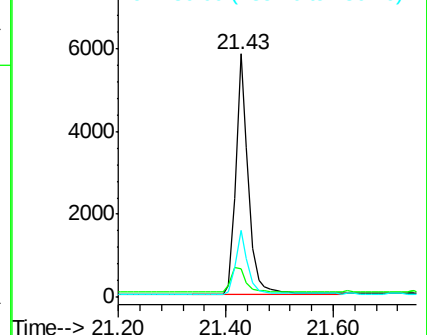
236 27.4 20.7 31.1



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: 0.360 ng

RT: 19.68 min Scan# 1486

Delta R.T. 0.01 min

Lab File: BE094687.D

Acq: 1 Nov 2017 12:39

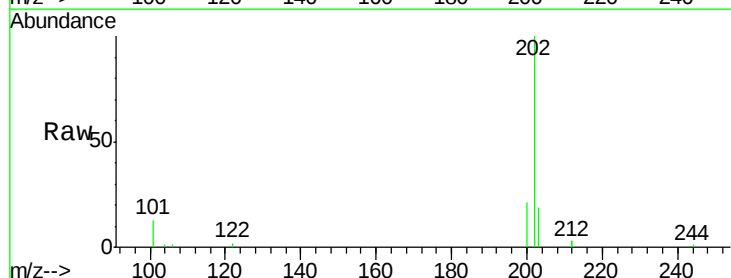
Tgt Ion:202 Resp: 11682

Ion Ratio Lower Upper

202 100

200 20.6 16.6 25.0

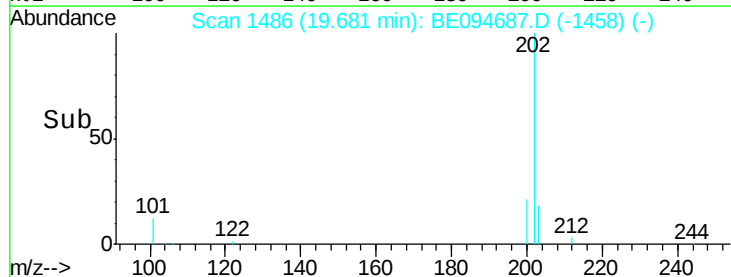
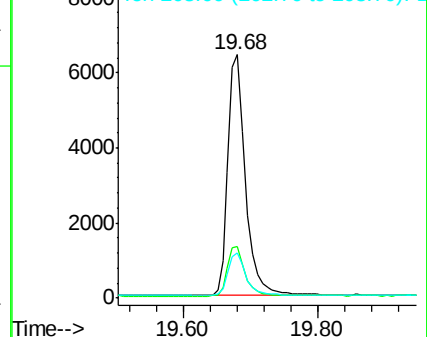
203 17.8 13.8 20.8

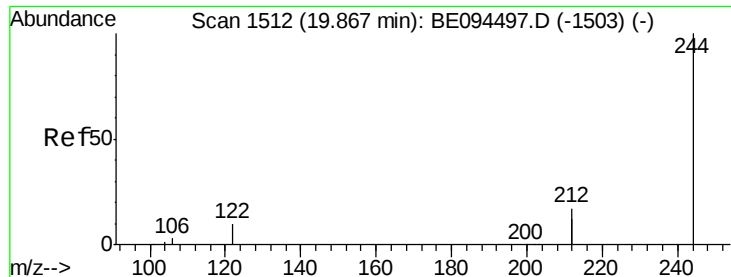


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.353 ng

RT: 19.87 min Scan# 1511

Delta R.T. -0.00 min

Lab File: BE094687.D

Acq: 1 Nov 2017 12:39

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

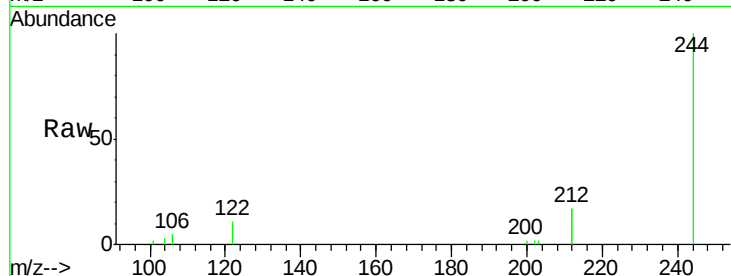
Tgt Ion:244 Resp: 6181

Ion Ratio Lower Upper

244 100

212 34.9 25.4 38.0

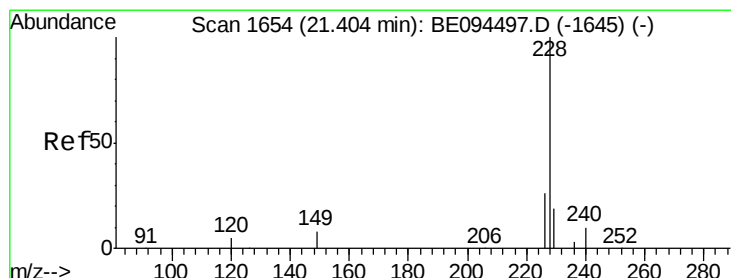
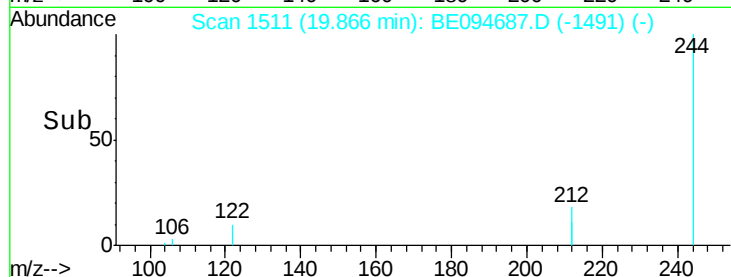
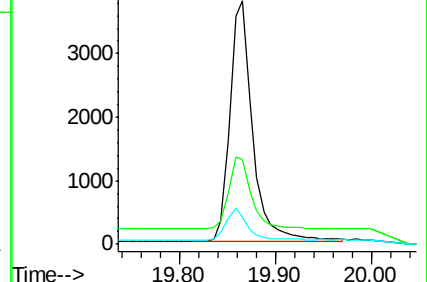
122 11.3 8.1 12.1



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: 0.360 ng

RT: 21.42 min Scan# 1654

Delta R.T. 0.01 min

Lab File: BE094687.D

Acq: 1 Nov 2017 12:39

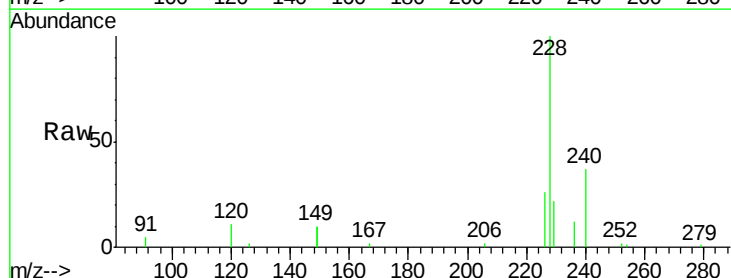
Tgt Ion:228 Resp: 10893

Ion Ratio Lower Upper

228 100

226 26.2 40.0 60.0#

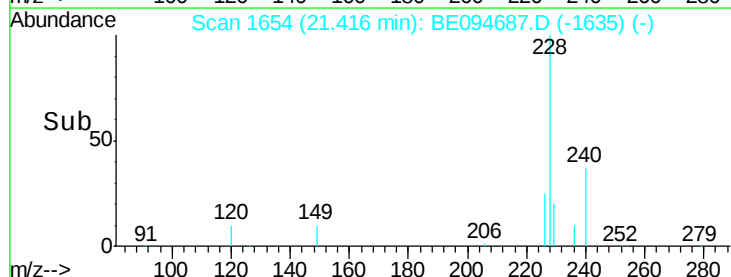
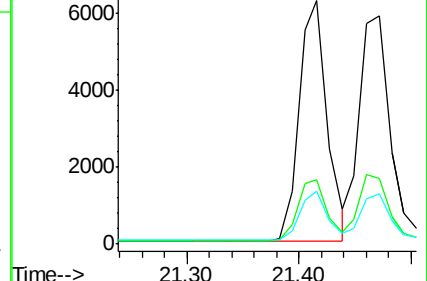
229 21.7 40.0 60.0#

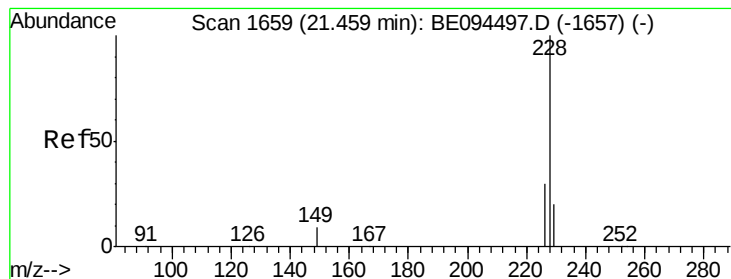


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.365 ng

RT: 21.47 min Scan# 1659

Delta R.T. 0.01 min

Lab File: BE094687.D

Acq: 1 Nov 2017 12:39

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

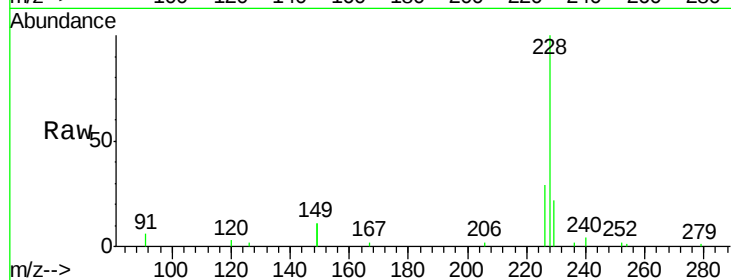
Tgt Ion:228 Resp: 11211

Ion Ratio Lower Upper

228 100

226 28.8 40.0 60.0#

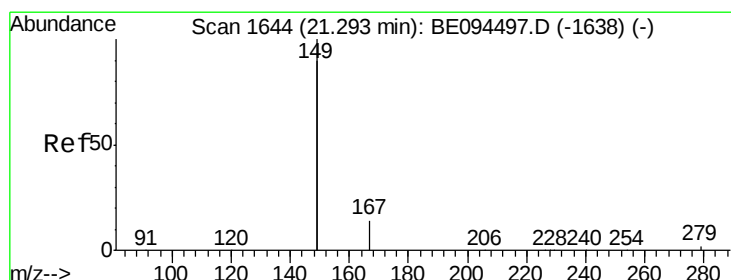
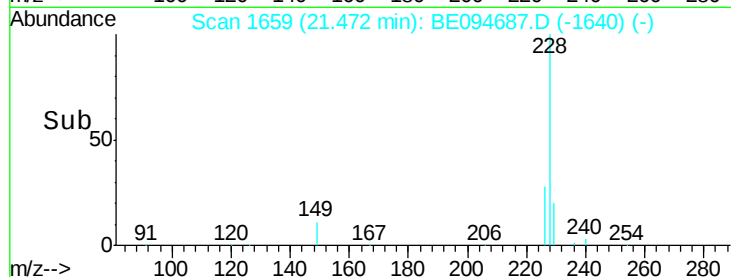
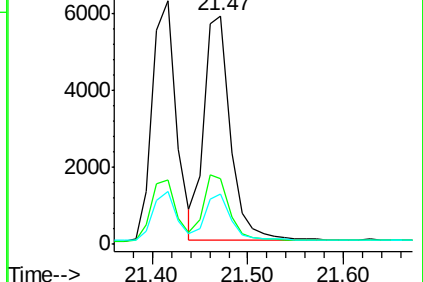
229 21.8 40.0 60.0#



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: 0.352 ng

RT: 21.28 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BE094687.D

Acq: 1 Nov 2017 12:39

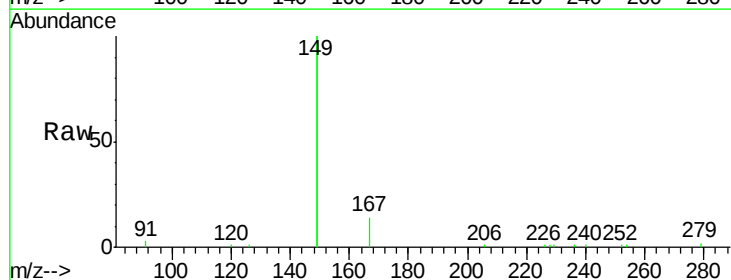
Tgt Ion:149 Resp: 26068

Ion Ratio Lower Upper

149 100

167 7.1 5.4 8.0

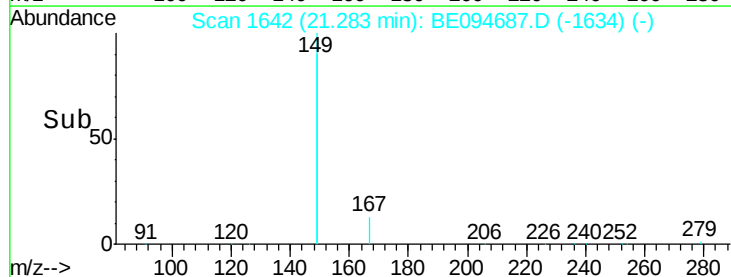
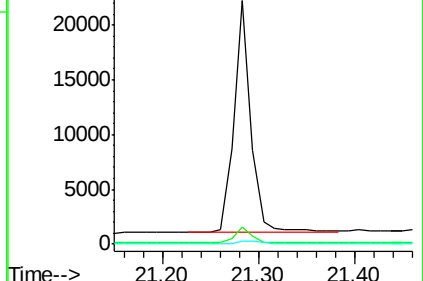
279 1.1 0.7 1.1

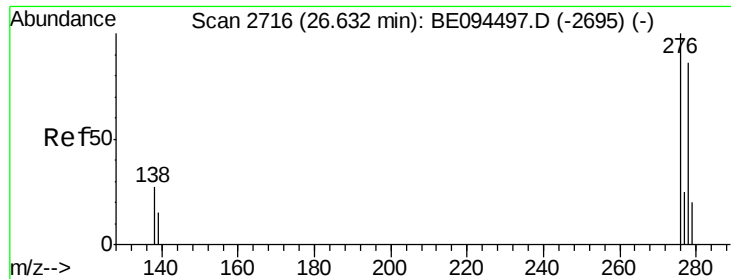


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.298 ng

RT: 26.68 min Scan# 2725

Delta R.T. 0.05 min

Lab File: BE094687.D

Acq: 1 Nov 2017 12:39

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

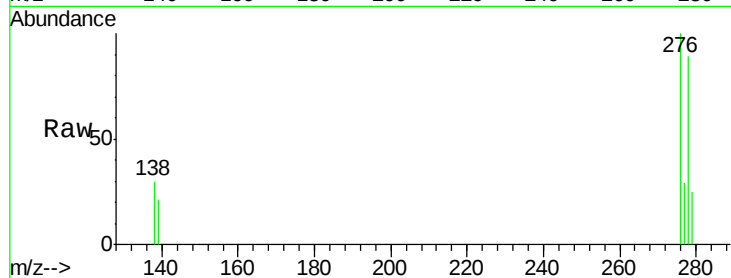
Tgt Ion:276 Resp: 8441

Ion Ratio Lower Upper

276 100

138 26.5 22.5 33.7

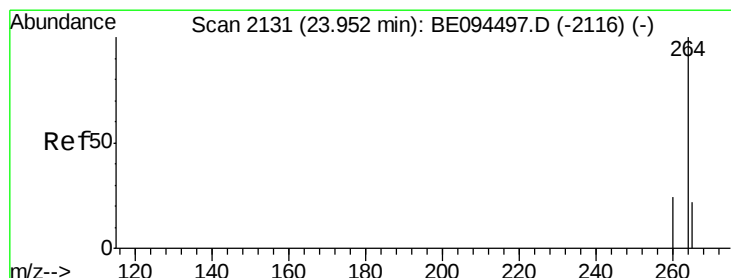
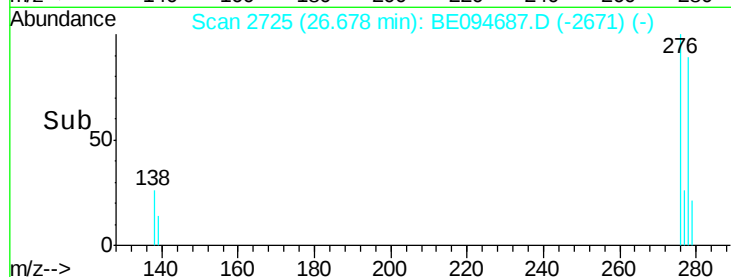
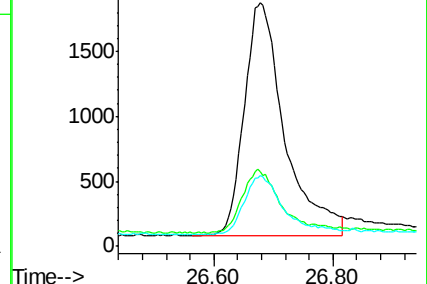
277 25.4 19.9 29.9



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: 23.97 min Scan# 2133

Delta R.T. 0.02 min

Lab File: BE094687.D

Acq: 1 Nov 2017 12:39

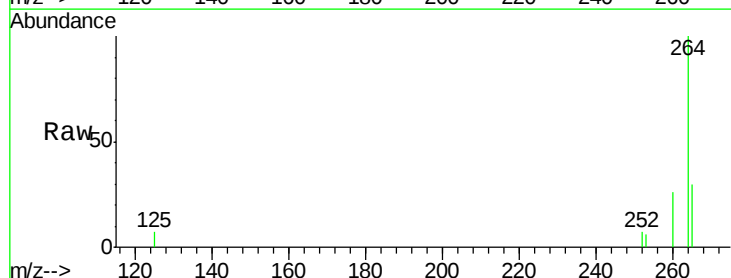
Tgt Ion:264 Resp: 8541

Ion Ratio Lower Upper

264 100

260 25.8 20.5 30.7

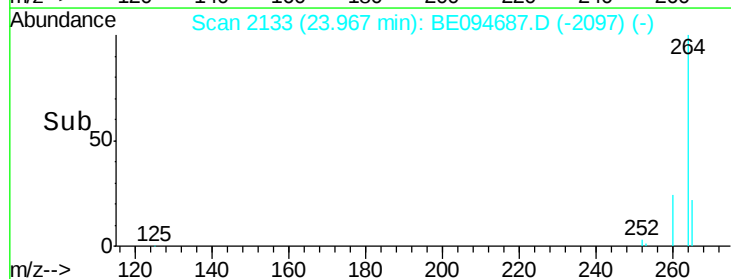
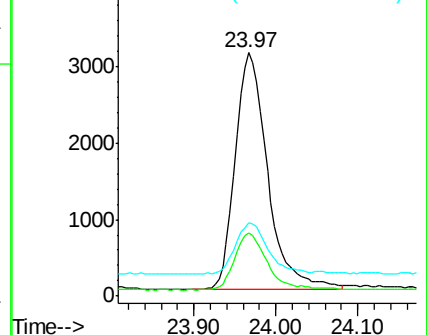
265 30.1 22.8 34.2

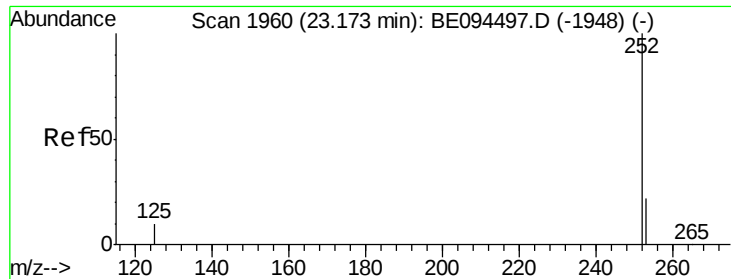


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.347 ng

RT: 23.18 min Scan# 1961

Delta R.T. 0.01 min

Lab File: BE094687.D

Acq: 1 Nov 2017 12:39

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

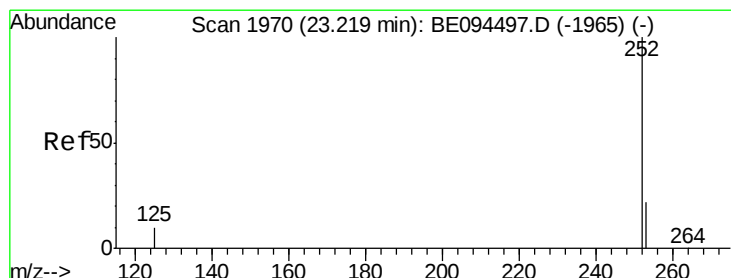
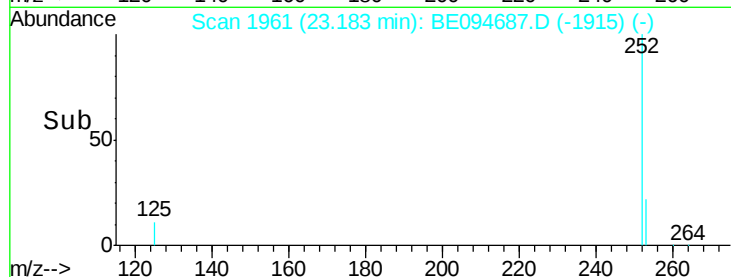
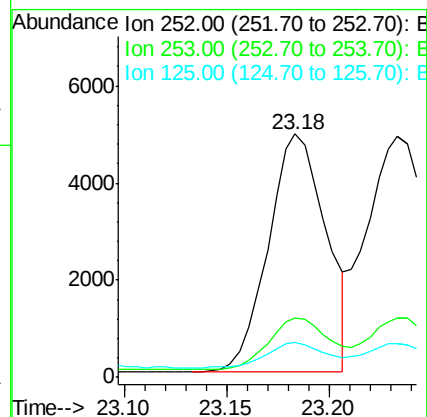
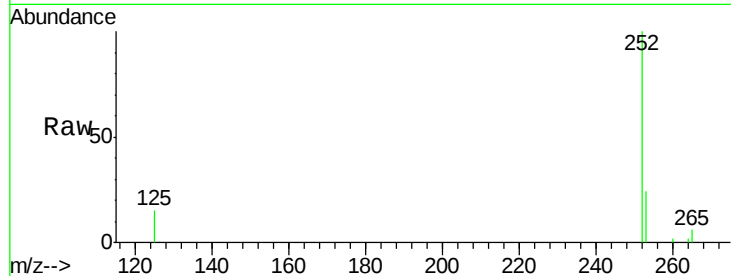
Tgt Ion:252 Resp: 9595

Ion Ratio Lower Upper

252 100

253 24.5 48.0 72.0#

125 14.6 56.0 84.0#



#36

Benzo(k)fluoranthene

Concen: 0.367 ng

RT: 23.23 min Scan# 1972

Delta R.T. 0.02 min

Lab File: BE094687.D

Acq: 1 Nov 2017 12:39

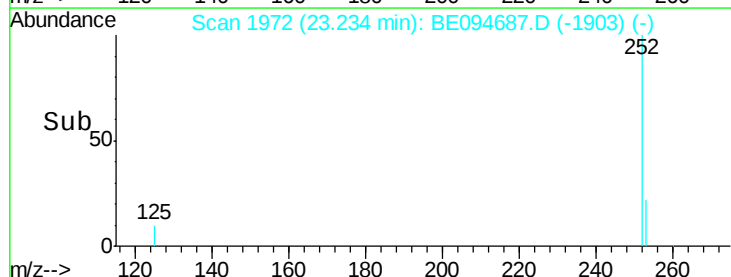
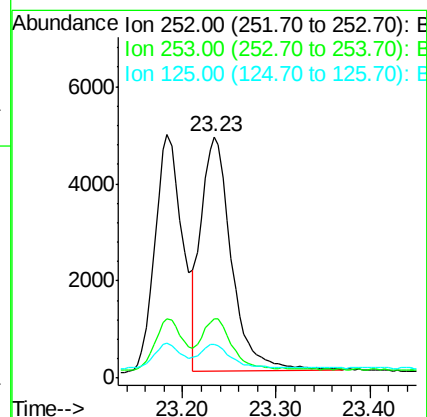
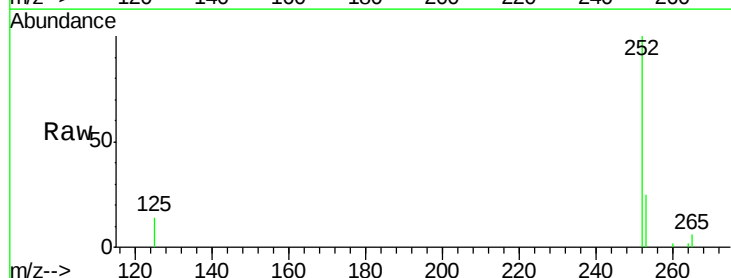
Tgt Ion:252 Resp: 10815

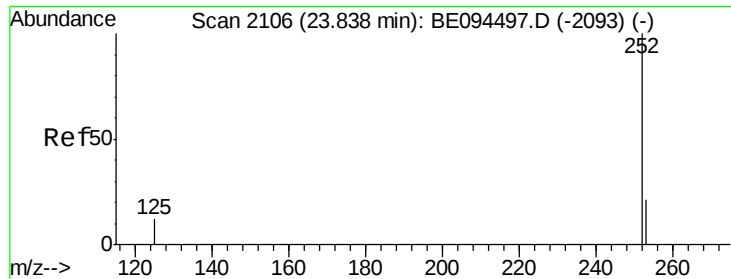
Ion Ratio Lower Upper

252 100

253 24.5 48.0 72.0#

125 13.9 56.0 84.0#





#37

Benzo(a)pyrene

Concen: 0.372 ng

RT: 23.86 min Scan# 2109

Delta R.T. 0.02 min

Lab File: BE094687.D

Acq: 1 Nov 2017 12:39

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

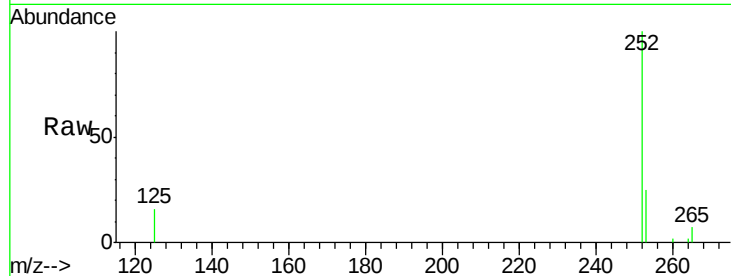
Tgt Ion:252 Resp: 9977

Ion Ratio Lower Upper

252 100

253 25.2 52.0 78.0#

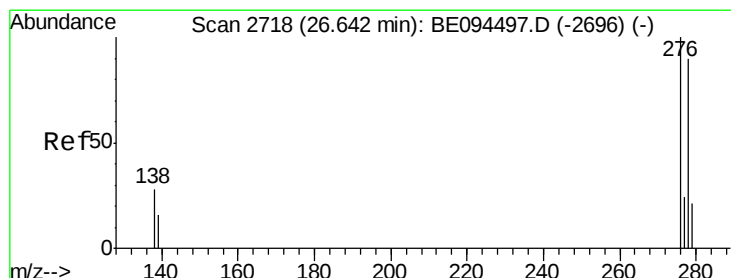
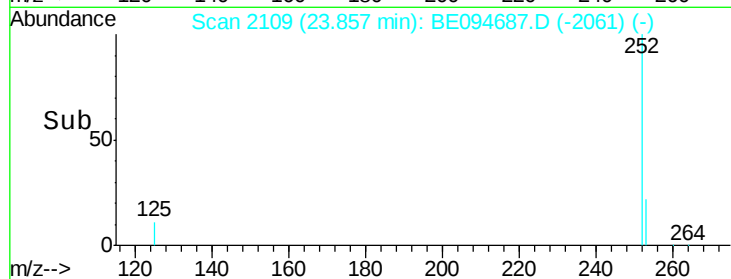
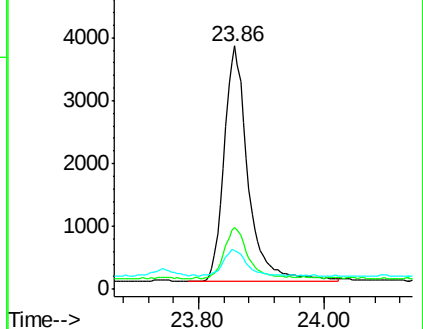
125 15.7 68.0 102.0#



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: 0.322 ng

RT: 26.67 min Scan# 2723

Delta R.T. 0.03 min

Lab File: BE094687.D

Acq: 1 Nov 2017 12:39

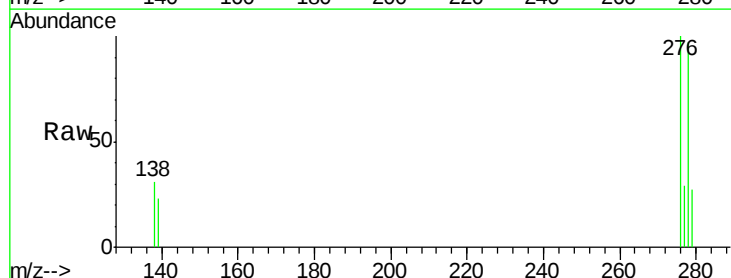
Tgt Ion:278 Resp: 7753

Ion Ratio Lower Upper

278 100

139 23.4 56.0 84.0#

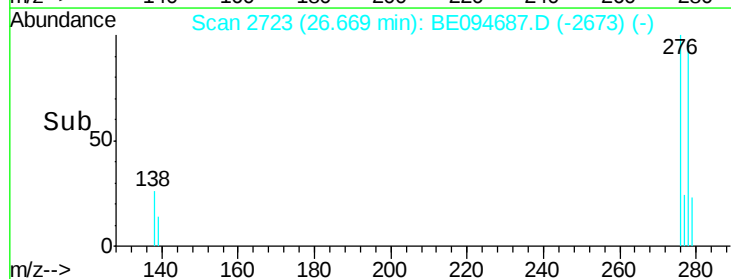
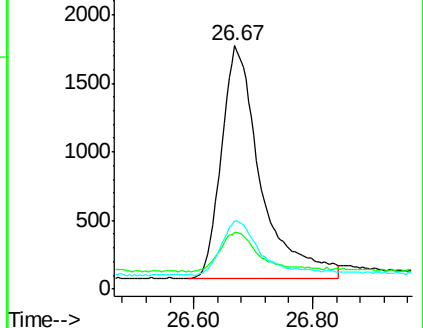
279 28.0 52.0 78.0#

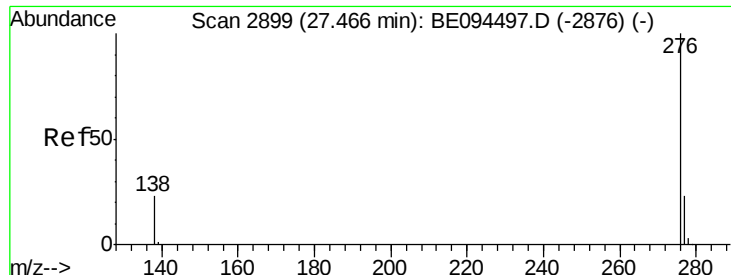


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.284 ng

RT: 27.52 min Scan# 2910

Delta R.T. 0.06 min

Lab File: BE094687.D

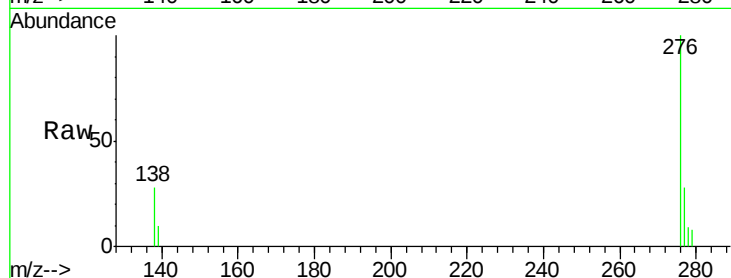
Acq: 1 Nov 2017 12:39

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4



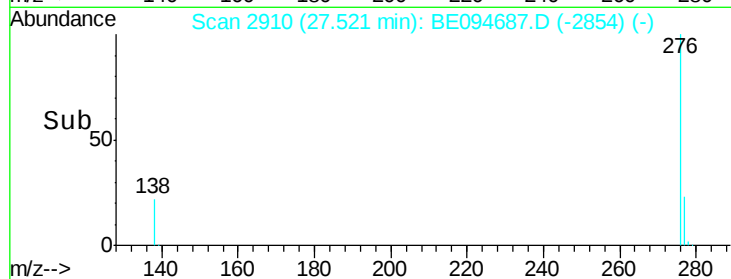
Tgt Ion: 276 Resp: 6392

Ion Ratio Lower Upper

276 100

277 28.4 52.0 78.0#

138 28.3 44.0 66.0#



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

