

Data Path : Z:\HPCHEM1\BNA\_E\DATA\BE041218\  
 Data File : BE095984.D  
 Acq On : 12 Apr 2018 9:51  
 Operator : SJ/JU  
 Sample : SSTDCCC0.4  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

Quant Time: Apr 12 13:55:19 2018  
 Quant Method : Z:\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE041118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 12 13:55:20 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.39  | 152  | 1264     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 11.22 | 136  | 4767     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.97 | 164  | 2660     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.67 | 188  | 6308     | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.78 | 240  | 7065     | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 24.39 | 264  | 6564     | 0.40 | ng    | 0.00     |

|                             |       |     |       |      |    |      |
|-----------------------------|-------|-----|-------|------|----|------|
| System Monitoring Compounds |       |     |       |      |    |      |
| 4) 2-Fluorophenol           | 5.89  | 112 | 1444  | 0.37 | ng | 0.00 |
| 5) Phenol-d6                | 7.53  | 99  | 1973  | 0.37 | ng | 0.00 |
| 8) Nitrobenzene-d5          | 9.57  | 82  | 2062  | 0.37 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.76 | 152 | 2953  | 0.39 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol    | 16.44 | 330 | 457   | 0.36 | ng | 0.00 |
| 15) 2-Fluorobiphenyl        | 13.61 | 172 | 4312  | 0.38 | ng | 0.00 |
| 25) Fluoranthene-d10        | 19.66 | 212 | 32448 | 0.38 | ng | 0.00 |
| 29) Terphenyl-d14           | 20.22 | 244 | 5906  | 0.38 | ng | 0.00 |

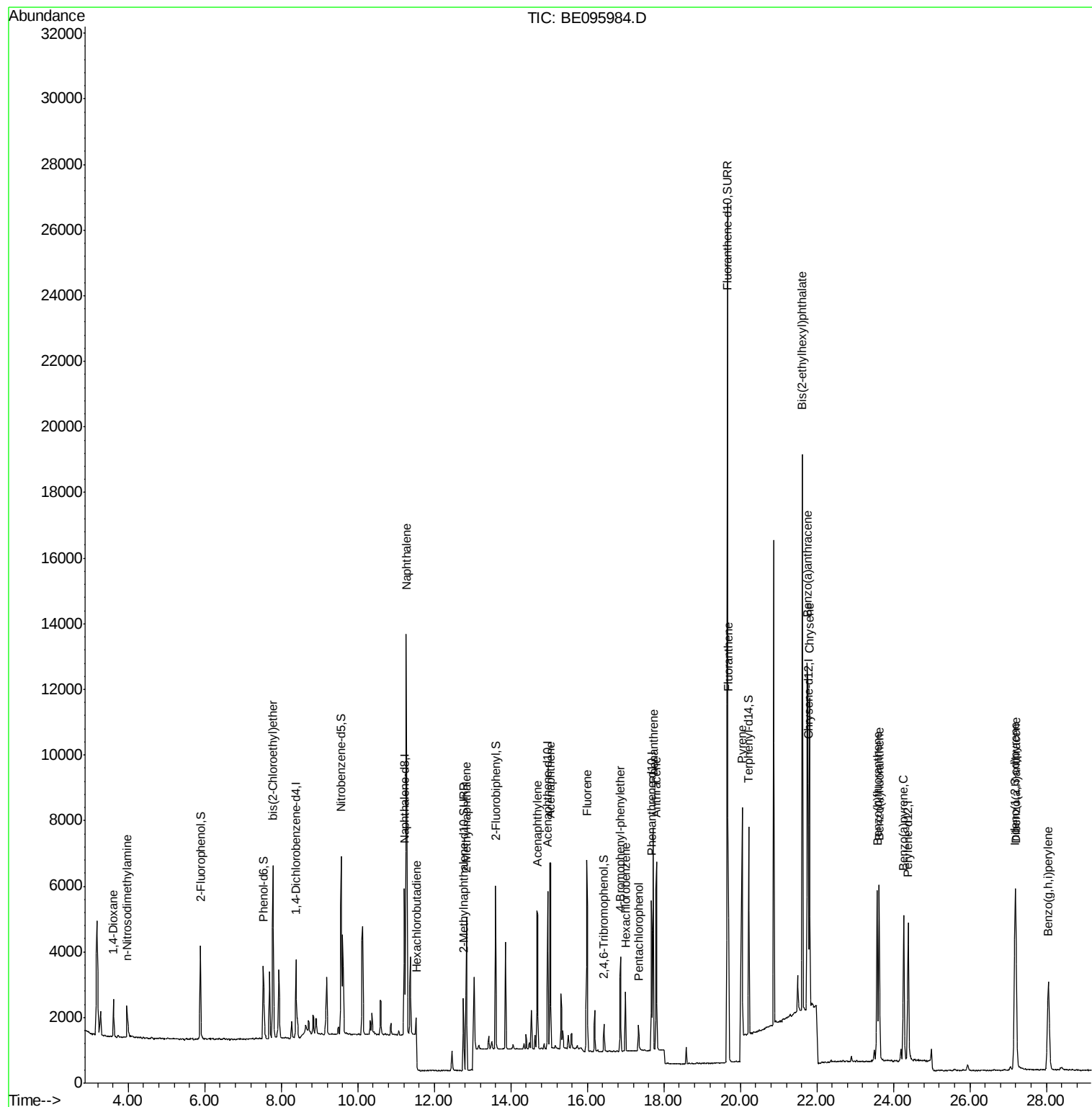
|                                |       |     |       |        |    |      |
|--------------------------------|-------|-----|-------|--------|----|------|
| Target Compounds               |       |     |       | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.62  | 88  | 738   | 0.378  | ng | 93   |
| 3) n-Nitrosodimethylamine      | 3.97  | 42  | 835   | 0.349  | ng | 85   |
| 6) bis(2-Chloroethyl)ether     | 7.78  | 93  | 1791  | 0.377  | ng | 93   |
| 9) Naphthalene                 | 11.27 | 128 | 19012 | 0.378  | ng | 100  |
| 10) Hexachlorobutadiene        | 11.53 | 225 | 932   | 0.418  | ng | 90   |
| 12) 2-Methylnaphthalene        | 12.84 | 142 | 3128  | 0.376  | ng | 95   |
| 16) Acenaphthylene             | 14.69 | 152 | 5279  | 0.372  | ng | 100  |
| 17) Acenaphthene               | 15.04 | 154 | 3201  | 0.375  | ng | 96   |
| 18) Fluorene                   | 15.99 | 166 | 3987  | 0.377  | ng | # 79 |
| 20) 4-Bromophenyl-phenylether  | 16.87 | 248 | 1442  | 0.385  | ng | # 86 |
| 21) Hexachlorobenzene          | 17.00 | 284 | 1406  | 0.377  | ng | # 82 |
| 22) Pentachlorophenol          | 17.33 | 266 | 461   | 0.403  | ng | # 76 |
| 23) Phenanthrene               | 17.72 | 178 | 6658  | 0.376  | ng | 99   |
| 24) Anthracene                 | 17.81 | 178 | 6530  | 0.386  | ng | 95   |
| 26) Fluoranthene               | 19.69 | 202 | 8708  | 0.374  | ng | 98   |
| 28) Pyrene                     | 20.05 | 202 | 5075  | 0.365  | ng | 98   |
| 30) Benzo(a)anthracene         | 21.75 | 228 | 8713  | 0.385  | ng | 97   |
| 31) Chrysene                   | 21.81 | 228 | 8124  | 0.371  | ng | 100  |
| 32) Bis(2-ethylhexyl)phthalate | 21.62 | 149 | 22265 | 0.381  | ng | 100  |
| 33) Indeno(1,2,3-cd)pyrene     | 27.18 | 276 | 8005  | 0.377  | ng | 95   |
| 35) Benzo(b)fluoranthene       | 23.58 | 252 | 7644  | 0.388  | ng | # 92 |
| 36) Benzo(k)fluoranthene       | 23.63 | 252 | 7635  | 0.377  | ng | # 93 |
| 37) Benzo(a)pyrene             | 24.27 | 252 | 7214  | 0.381  | ng | # 92 |
| 38) Dibenzo(a,h)anthracene     | 27.20 | 278 | 6506  | 0.390  | ng | 97   |
| 39) Benzo(g,h,i)perylene       | 28.05 | 276 | 6823  | 0.387  | ng | # 91 |

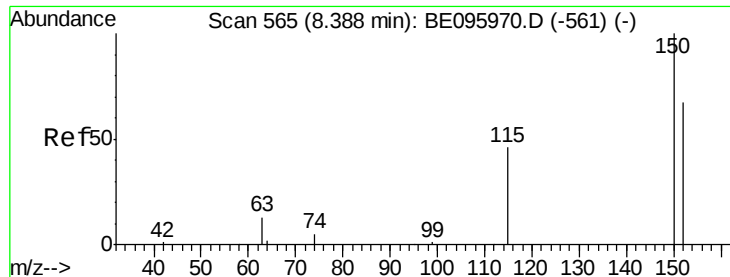
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 12 13:55:20 2018  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.39 min Scan# 565

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

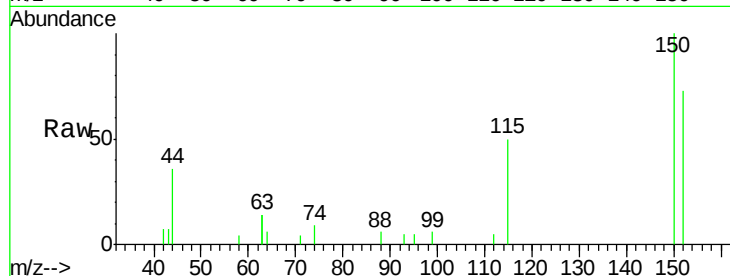
Tgt Ion:152 Resp: 1264

Ion Ratio Lower Upper

152 100

150 136.7 117.2 175.8

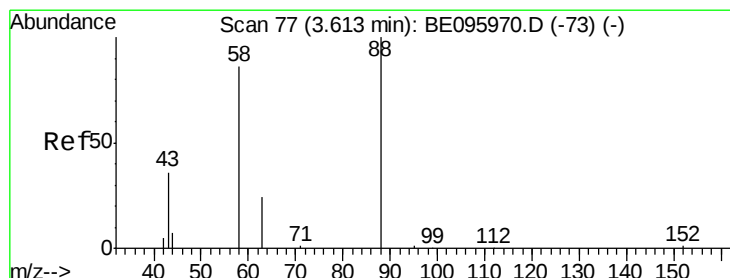
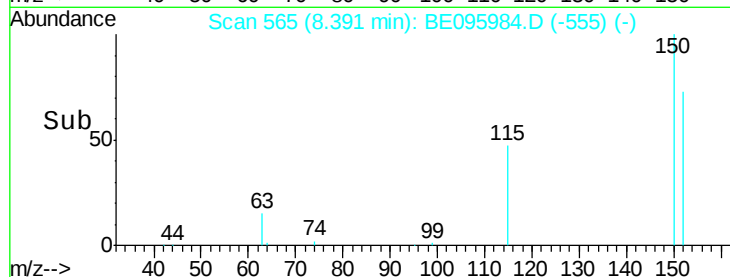
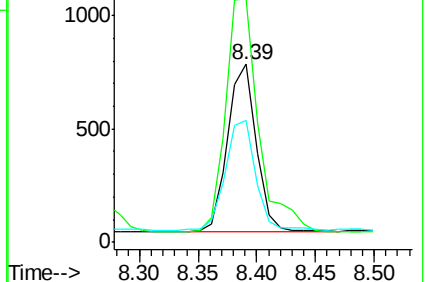
115 68.2 57.0 85.6



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: 0.378 ng

RT: 3.62 min Scan# 77

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

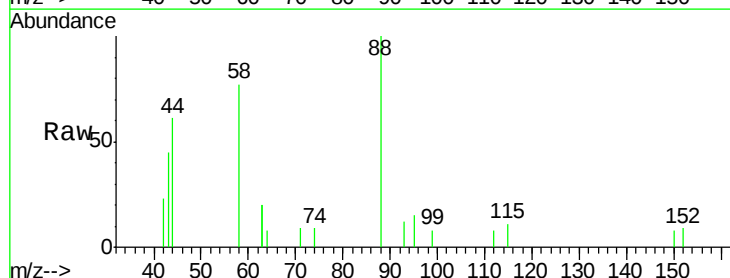
Tgt Ion: 88 Resp: 738

Ion Ratio Lower Upper

88 100

58 82.4 63.2 94.8

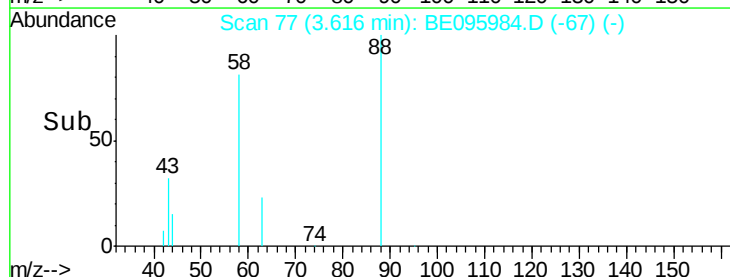
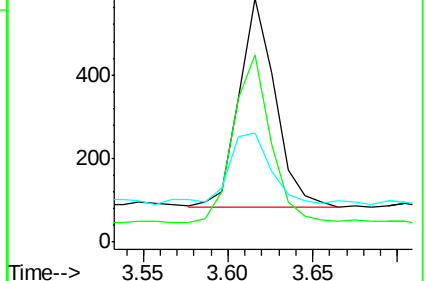
43 42.7 41.2 61.8

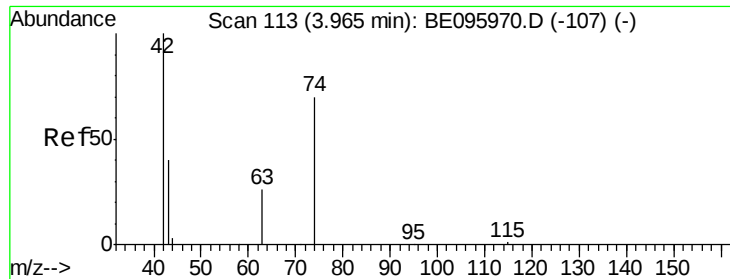


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



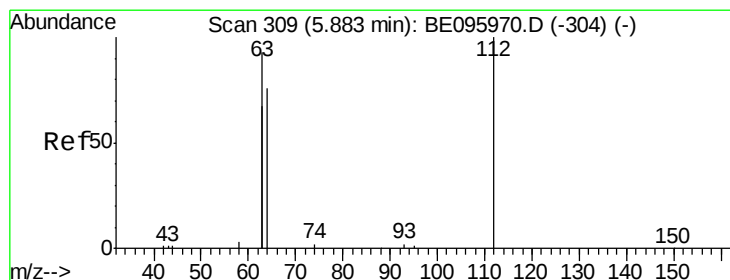
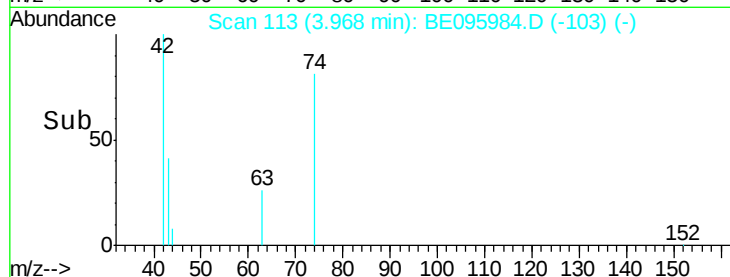
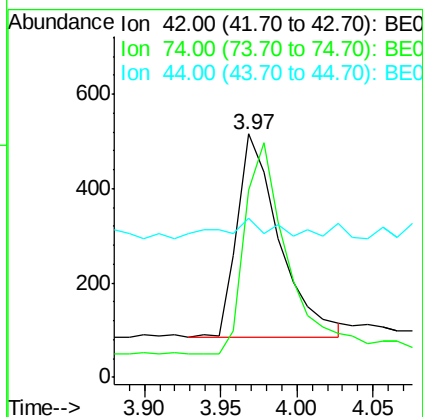
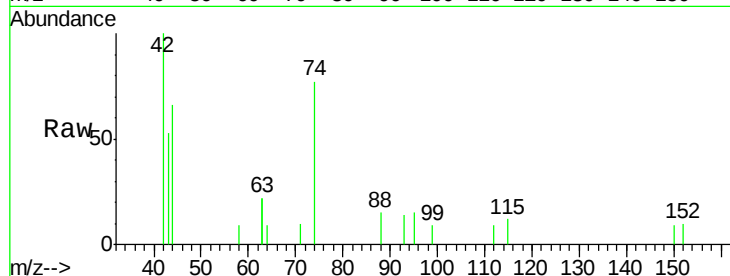


#3

n-Nitrosodimethylamine  
 Concen: 0.349 ng  
 RT: 3.97 min Scan# 113  
 Delta R.T. 0.00 min  
 Lab File: BE095984.D  
 Acq: 12 Apr 2018 9:51

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDCCC0.4

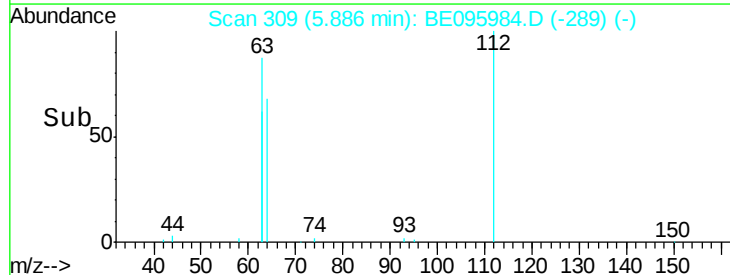
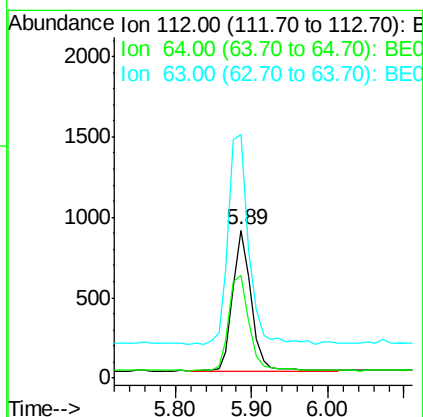
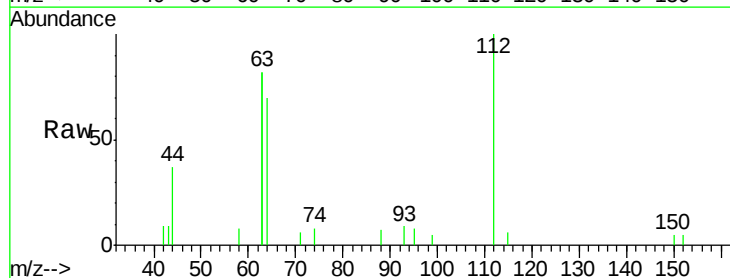
Tgt Ion: 42 Resp: 835  
 Ion Ratio Lower Upper  
 42 100  
 74 102.8 96.0 144.0  
 44 12.2 12.0 18.0

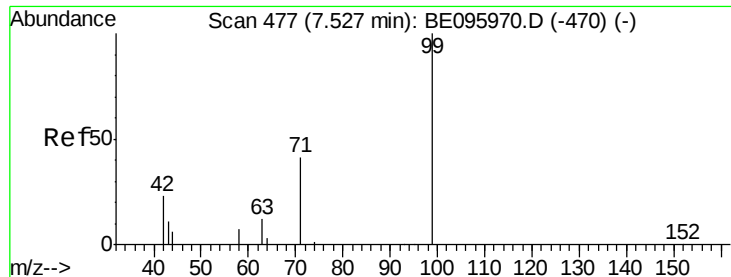


#4

2-Fluorophenol  
 Concen: 0.369 ng  
 RT: 5.89 min Scan# 309  
 Delta R.T. 0.00 min  
 Lab File: BE095984.D  
 Acq: 12 Apr 2018 9:51

Tgt Ion: 112 Resp: 1444  
 Ion Ratio Lower Upper  
 112 100  
 64 76.0 60.1 90.1  
 63 168.4 116.8 175.2





#5

Phenol-d6

Concen: 0.366 ng

RT: 7.53 min Scan# 477

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

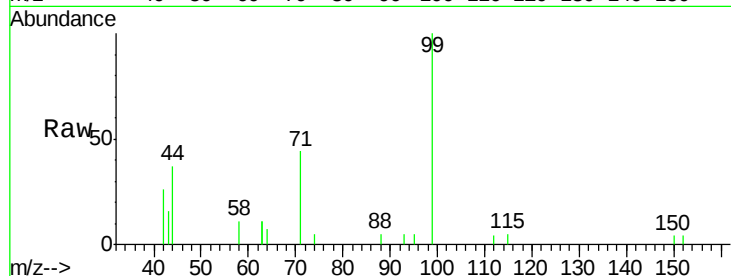
Tgt Ion: 99 Resp: 1973

Ion Ratio Lower Upper

99 100

42 27.5 20.2 30.2

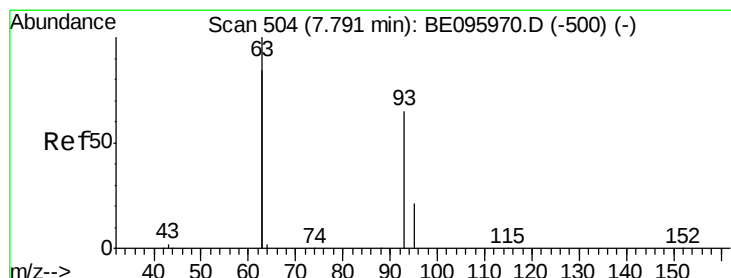
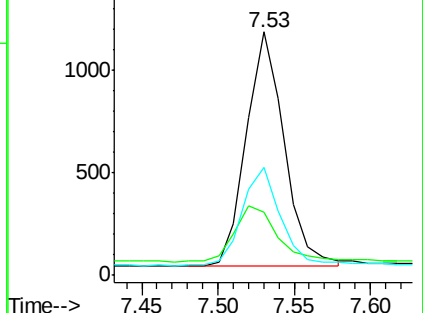
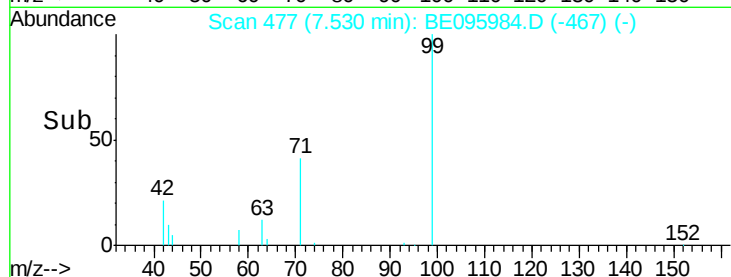
71 42.4 28.4 42.6



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: 0.377 ng

RT: 7.78 min Scan# 503

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

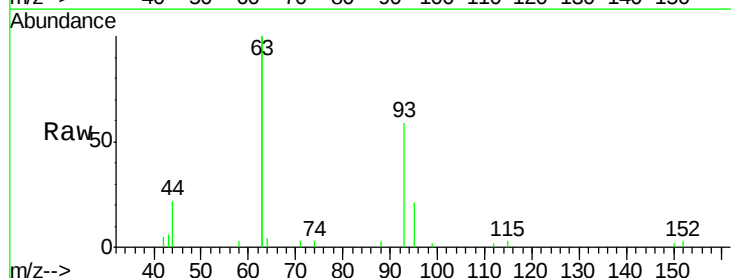
Tgt Ion: 93 Resp: 1791

Ion Ratio Lower Upper

93 100

63 327.0 275.3 412.9

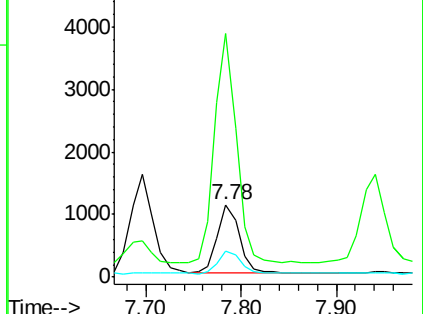
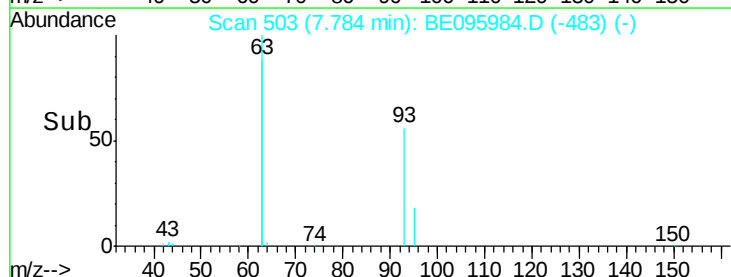
95 31.8 25.2 37.8

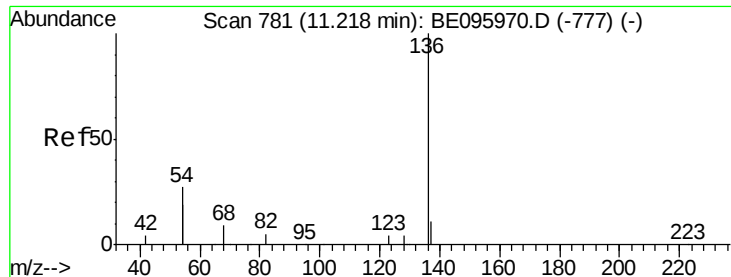


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 11.22 min Scan# 781

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

Tgt Ion: 136 Resp: 4767

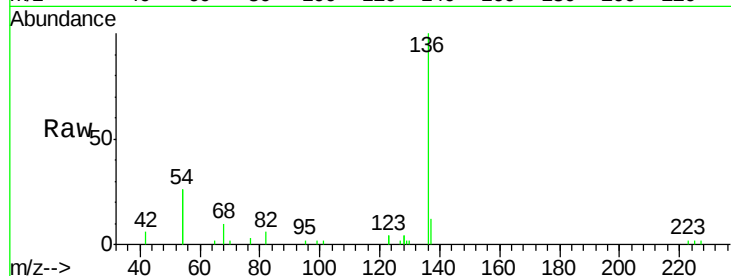
Ion Ratio Lower Upper

136 100

137 12.4 9.5 14.3

54 51.5 29.1 43.7#

68 9.7 6.2 9.2#

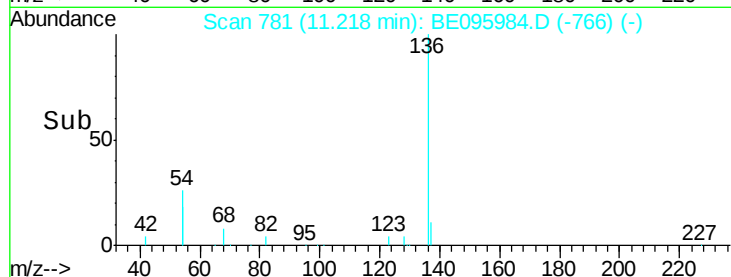


Abundance Ion 136.00 (135.70 to 136.70): E

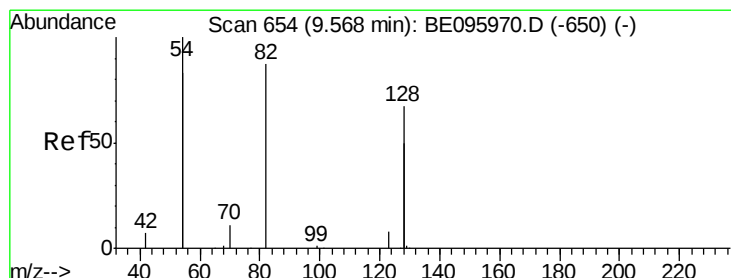
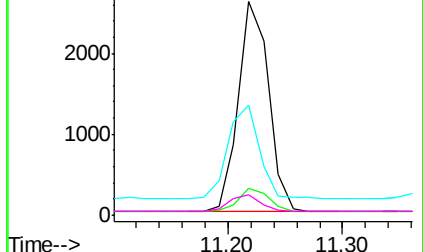
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->



#8

Nitrobenzene-d5

Concen: 0.369 ng

RT: 9.57 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

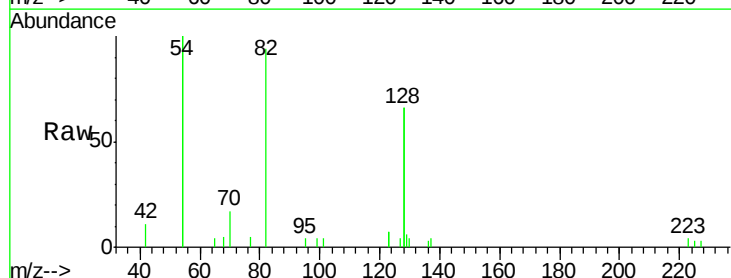
Tgt Ion: 82 Resp: 2062

Ion Ratio Lower Upper

82 100

128 141.2 150.0 225.0#

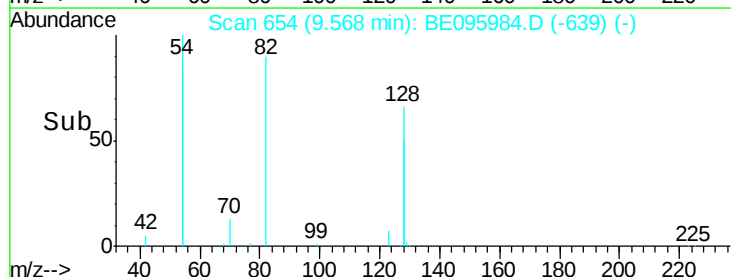
54 213.0 154.2 231.4



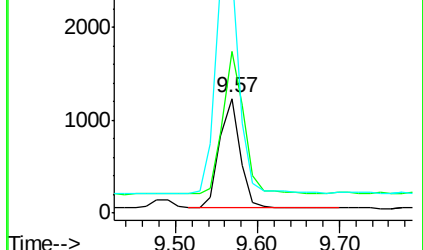
Abundance Ion 82.00 (81.70 to 82.70): BE0

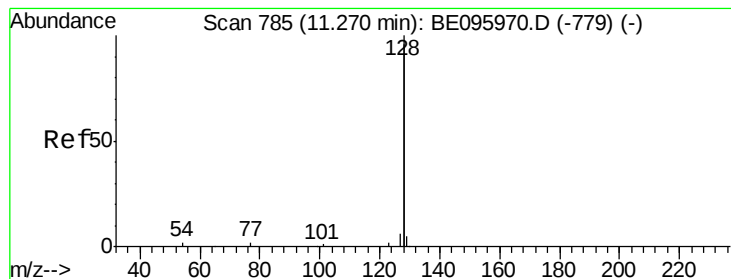
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0



Time-->





#9

Naphthalene

Concen: 0.378 ng

RT: 11.27 min Scan# 785

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

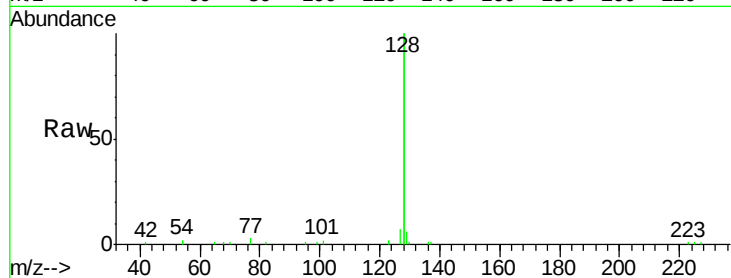
Tgt Ion:128 Resp: 19012

Ion Ratio Lower Upper

128 100

129 3.1 2.6 3.8

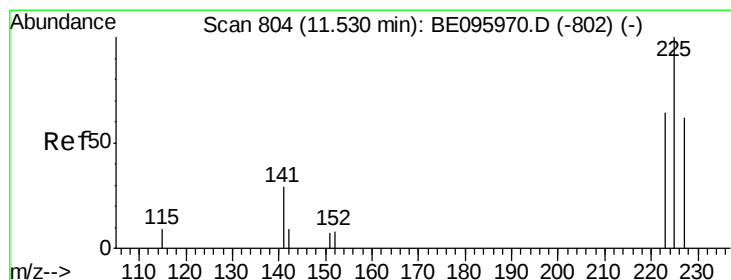
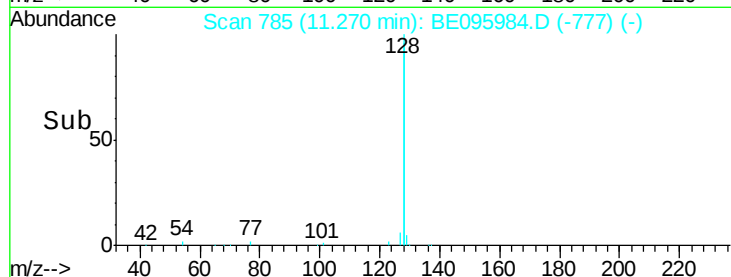
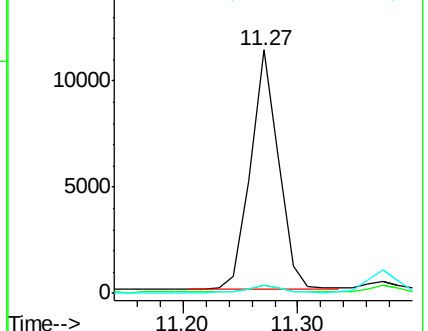
127 3.5 2.8 4.2



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: 0.418 ng

RT: 11.53 min Scan# 804

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

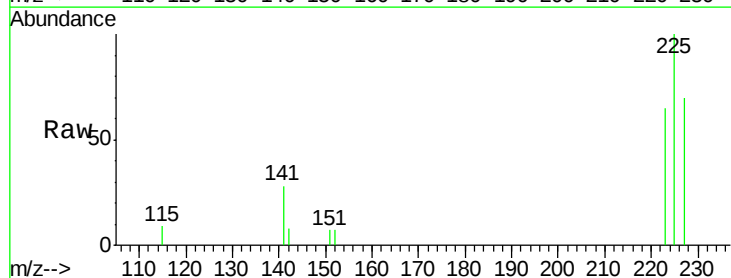
Tgt Ion:225 Resp: 932

Ion Ratio Lower Upper

225 100

223 58.7 53.0 79.6

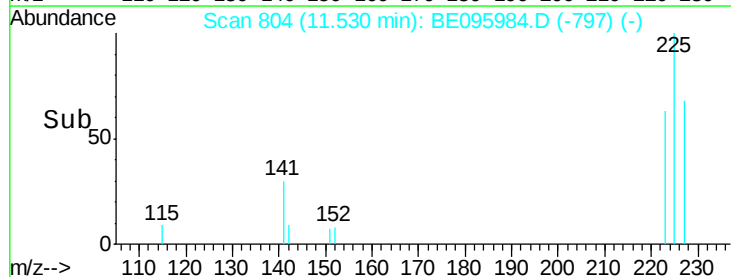
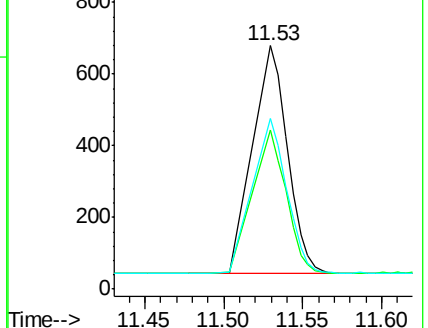
227 73.2 51.4 77.2

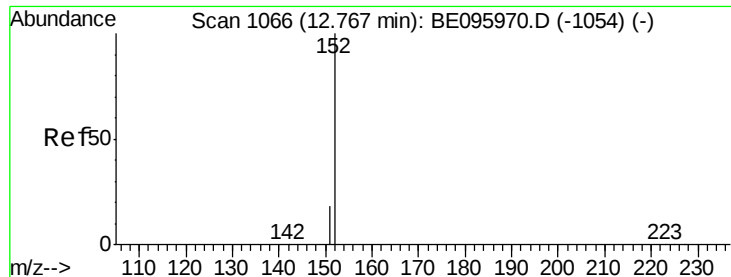


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.391 ng

RT: 12.76 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

Instrument :

BNA\_E

ClientSampleId :

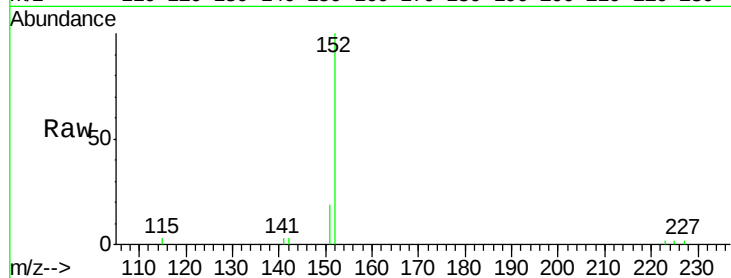
SSTDCCC0.4

Tgt Ion:152 Resp: 2953

Ion Ratio Lower Upper

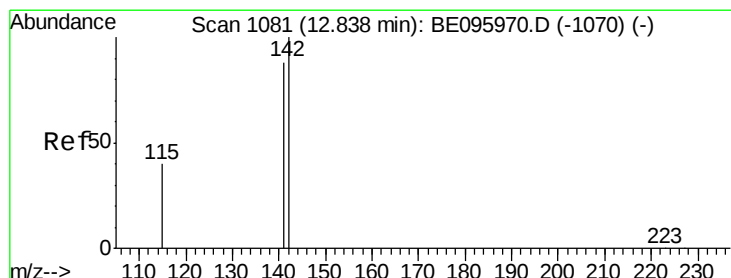
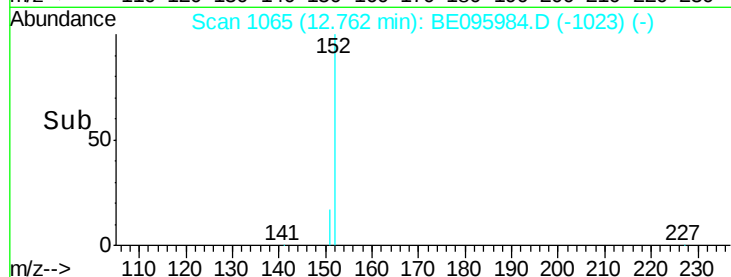
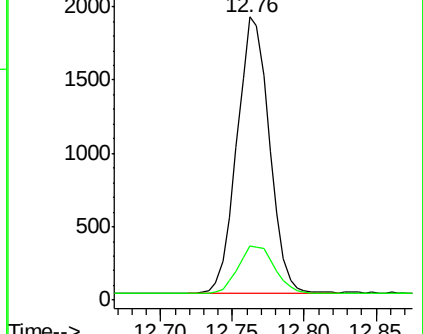
152 100

151 19.9 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: 0.376 ng

RT: 12.84 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

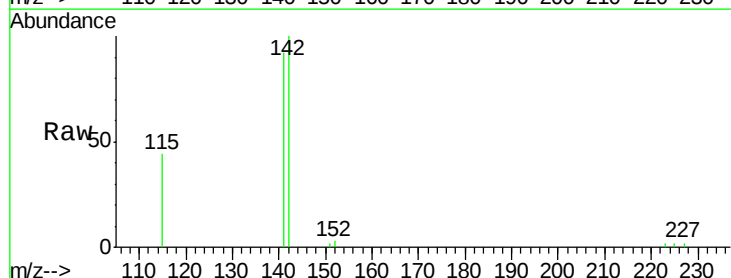
Tgt Ion:142 Resp: 3128

Ion Ratio Lower Upper

142 100

141 92.0 70.4 105.6

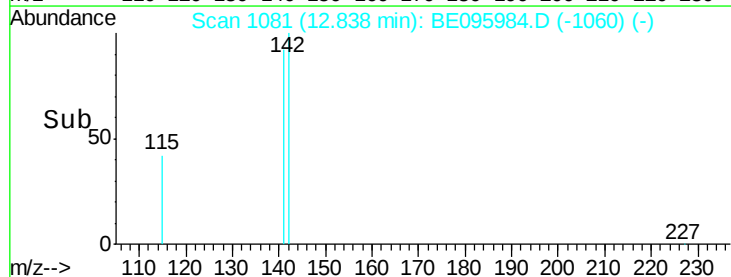
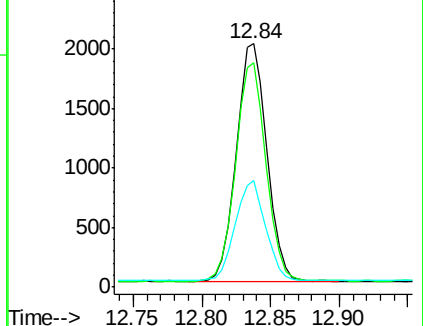
115 43.8 31.7 47.5

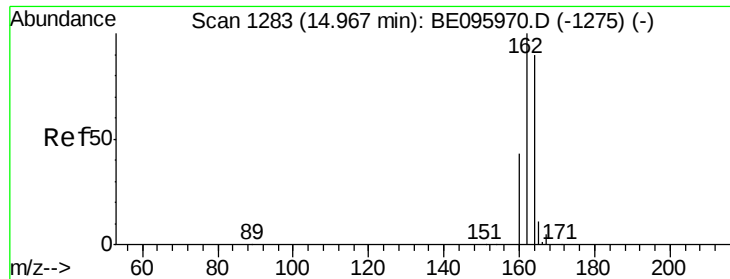


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.97 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

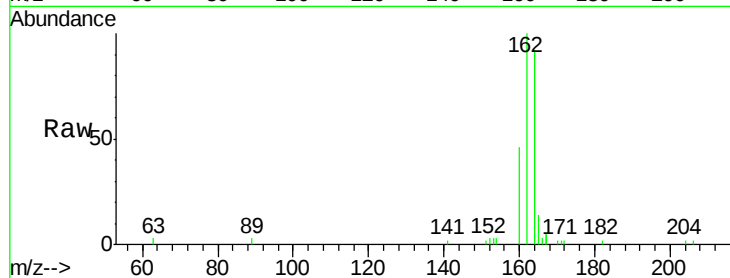
Tgt Ion:164 Resp: 2660

Ion Ratio Lower Upper

164 100

162 108.2 83.1 124.7

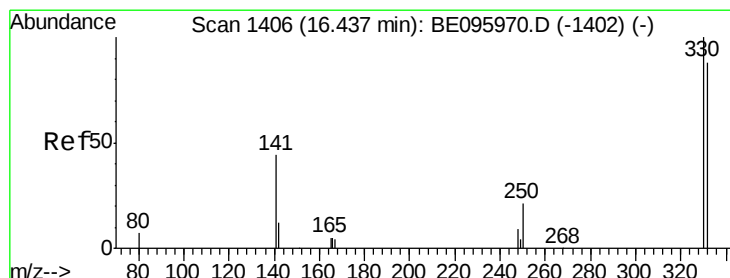
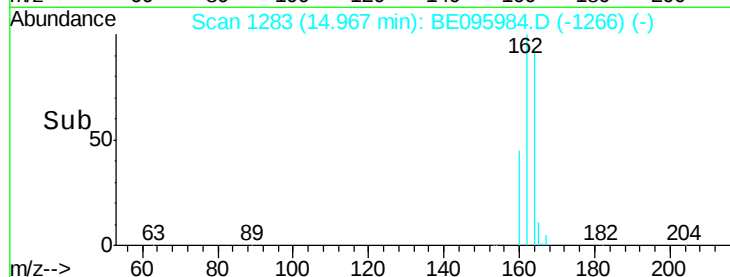
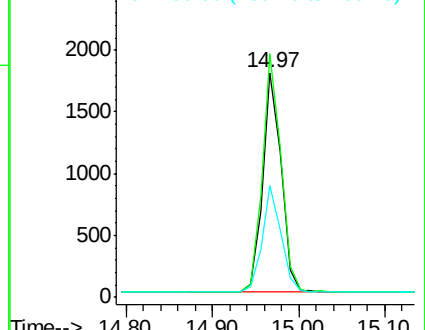
160 49.6 37.1 55.7



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: 0.356 ng

RT: 16.44 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

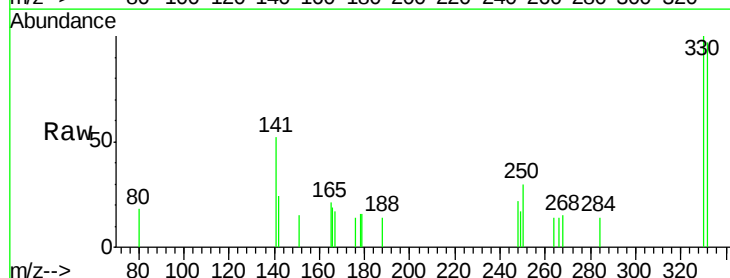
Tgt Ion:330 Resp: 457

Ion Ratio Lower Upper

330 100

332 98.9 152.7 229.1#

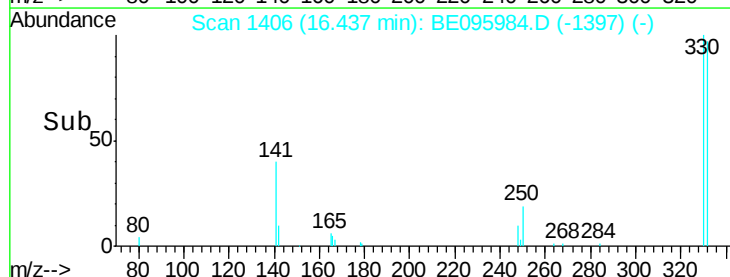
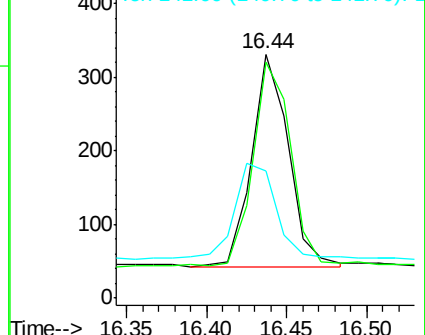
141 52.1 33.7 50.5#

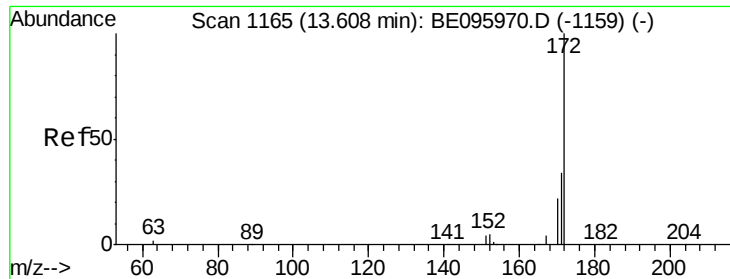


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

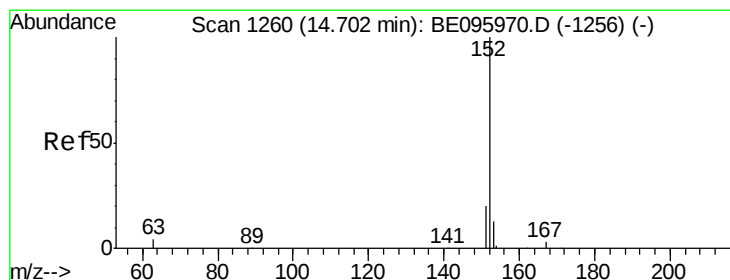
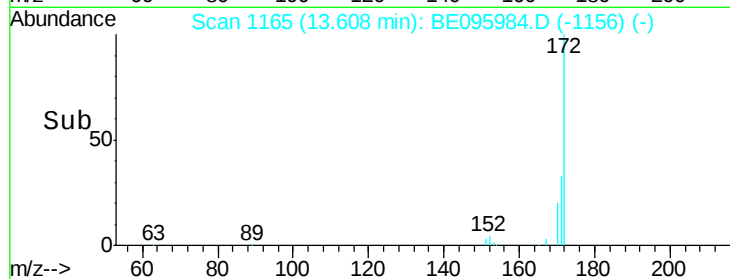
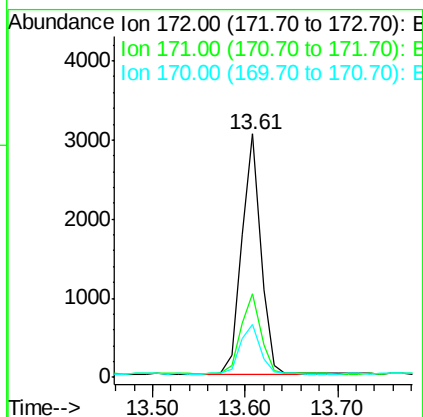
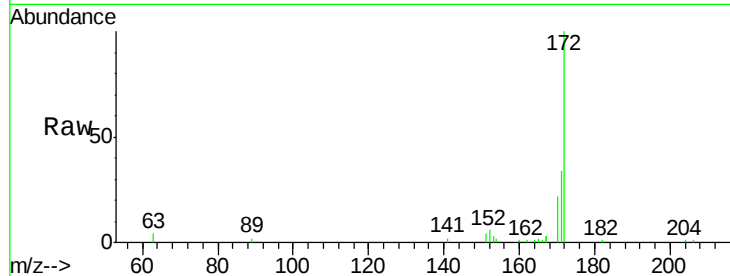




#15  
2-Fluorobiphenyl  
Concen: 0.379 ng  
RT: 13.61 min Scan# 1165  
Delta R.T. 0.00 min  
Lab File: BE095984.D  
Acq: 12 Apr 2018 9:51

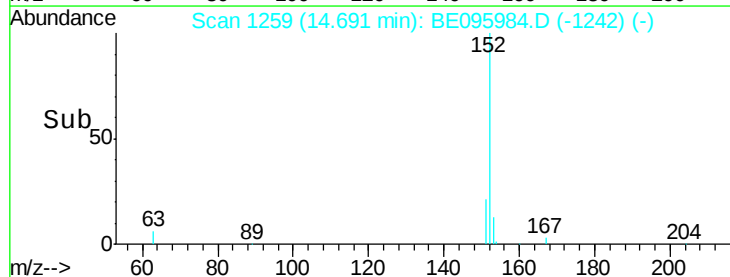
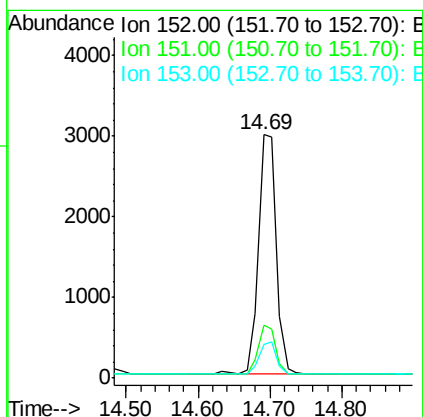
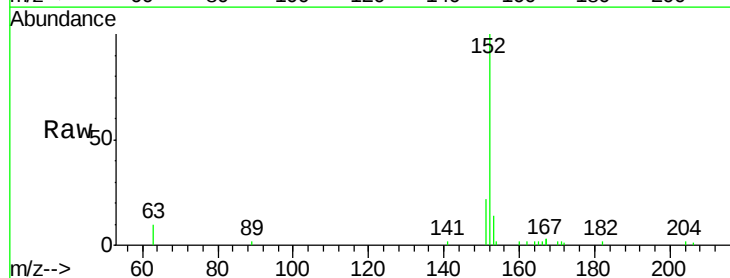
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

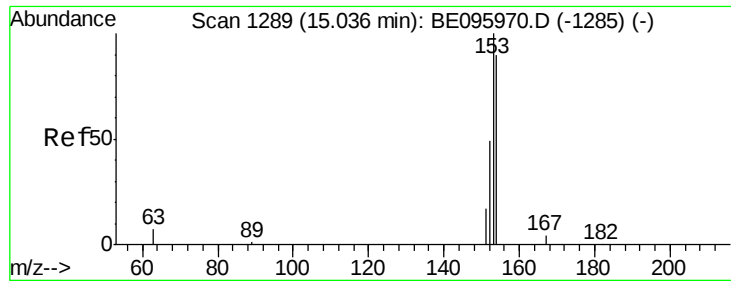
Tgt Ion:172 Resp: 4312  
Ion Ratio Lower Upper  
172 100  
171 34.4 29.9 44.9  
170 21.6 21.8 32.8#



#16  
Acenaphthylene  
Concen: 0.372 ng  
RT: 14.69 min Scan# 1259  
Delta R.T. 0.00 min  
Lab File: BE095984.D  
Acq: 12 Apr 2018 9:51

Tgt Ion:152 Resp: 5279  
Ion Ratio Lower Upper  
152 100  
151 19.7 15.7 23.5  
153 12.9 10.5 15.7





#17

Acenaphthene

Concen: 0.375 ng

RT: 15.04 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

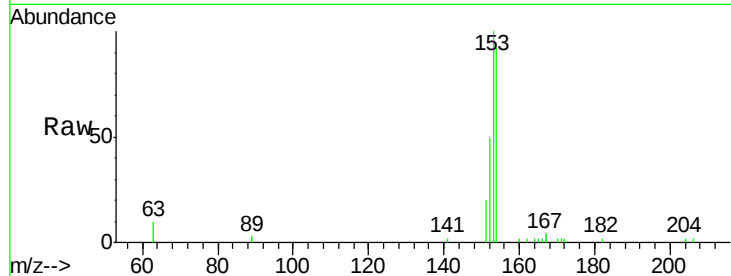
Tgt Ion:154 Resp: 3201

Ion Ratio Lower Upper

154 100

153 113.2 89.2 133.8

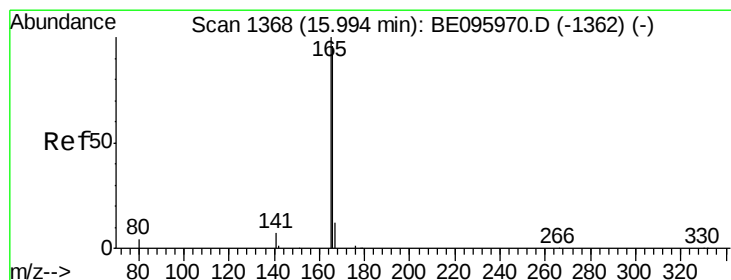
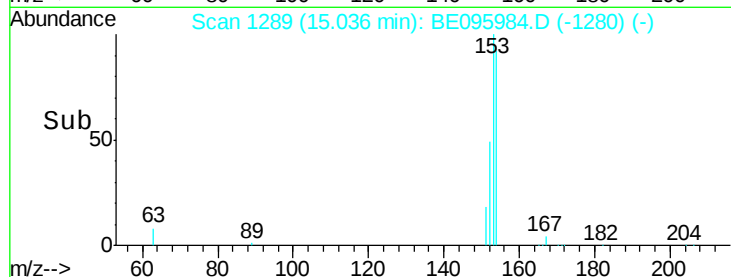
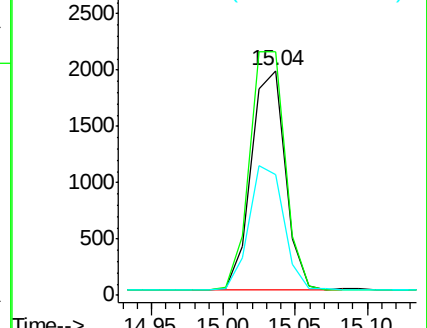
152 58.5 42.0 63.0



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: 0.377 ng

RT: 15.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

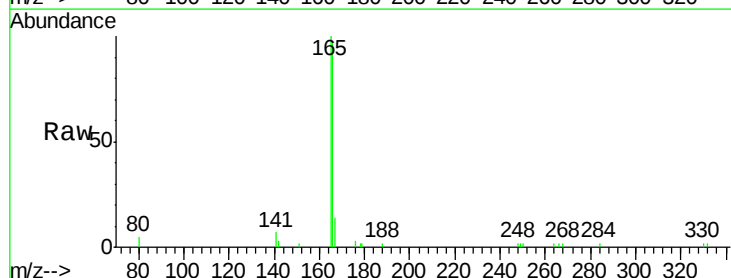
Tgt Ion:166 Resp: 3987

Ion Ratio Lower Upper

166 100

165 99.5 77.8 116.6

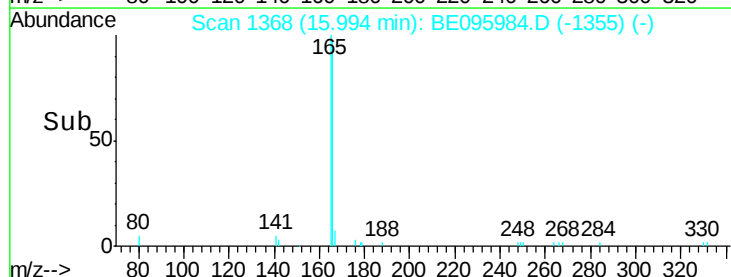
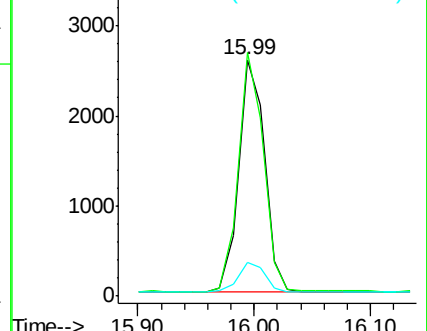
167 13.1 42.4 63.6#

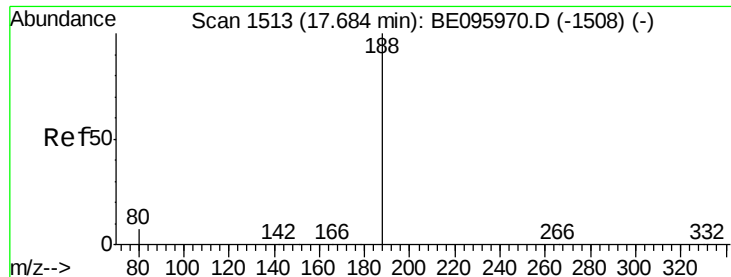


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.67 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

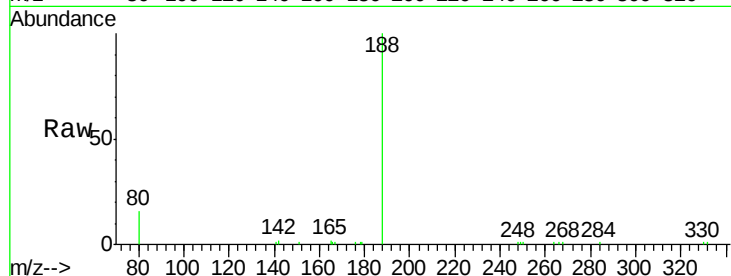
Tgt Ion:188 Resp: 6308

Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

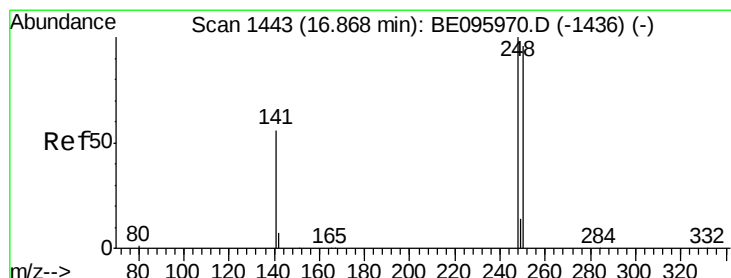
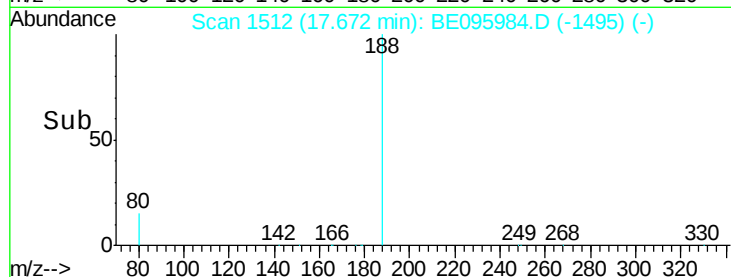
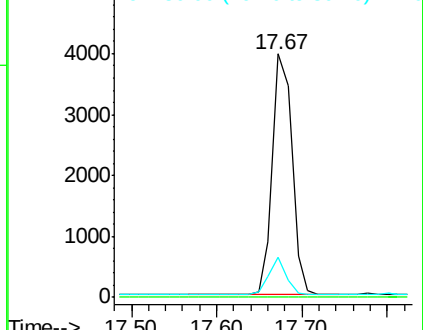
80 16.4 3.6 5.4#



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: 0.385 ng

RT: 16.87 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

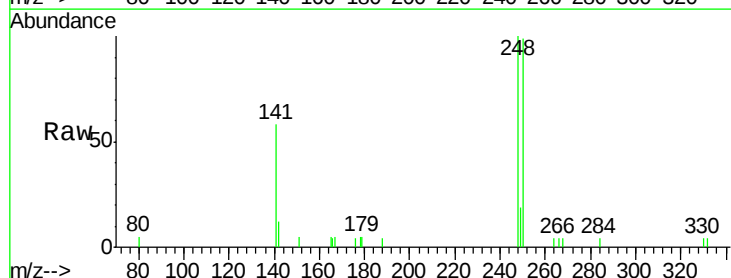
Tgt Ion:248 Resp: 1442

Ion Ratio Lower Upper

248 100

250 98.5 62.7 94.1#

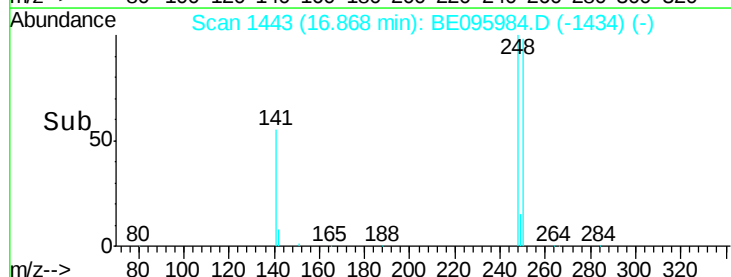
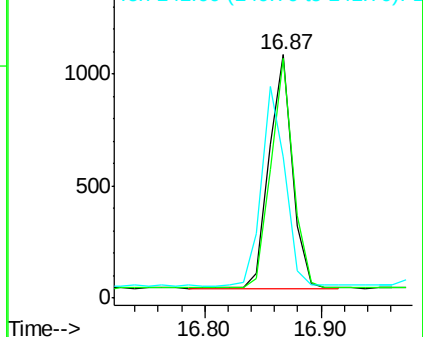
141 57.9 48.2 72.2

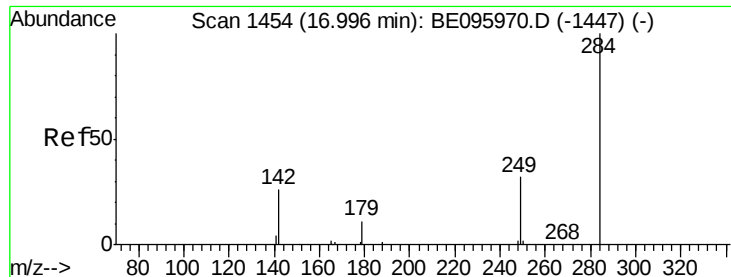


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

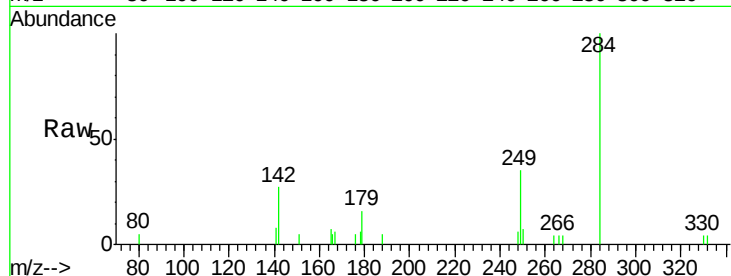




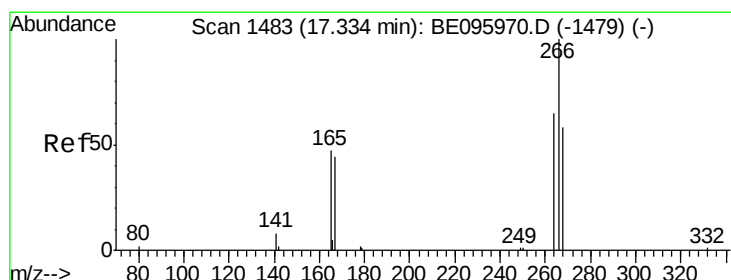
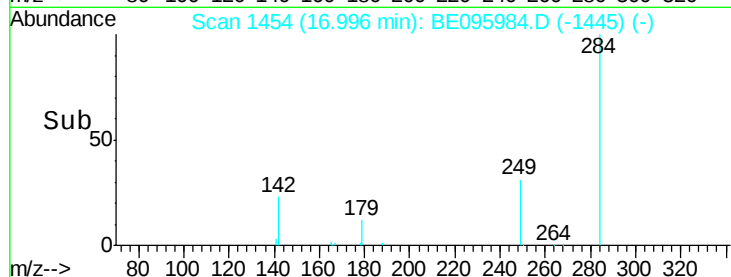
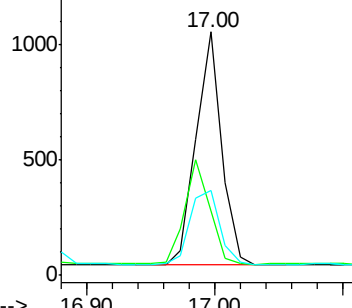
#21  
Hexachlorobenzene  
Concen: 0.377 ng  
RT: 17.00 min Scan# 1454  
Delta R.T. 0.00 min  
Lab File: BE095984.D  
Acq: 12 Apr 2018 9:51

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDCCC0.4

Tgt Ion: 284 Resp: 1406  
Ion Ratio Lower Upper  
284 100  
142 43.6 22.1 33.1#  
249 36.6 34.8 52.2

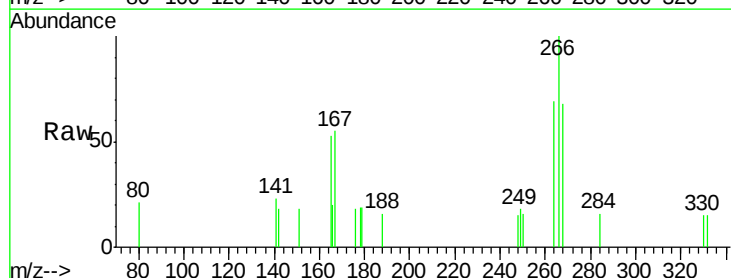


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

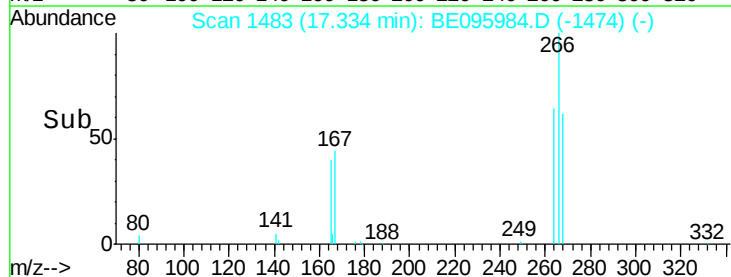
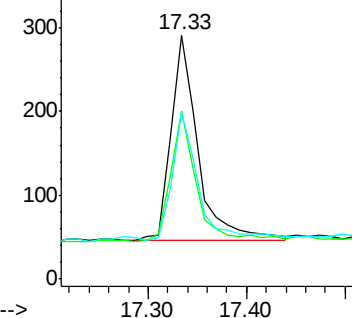


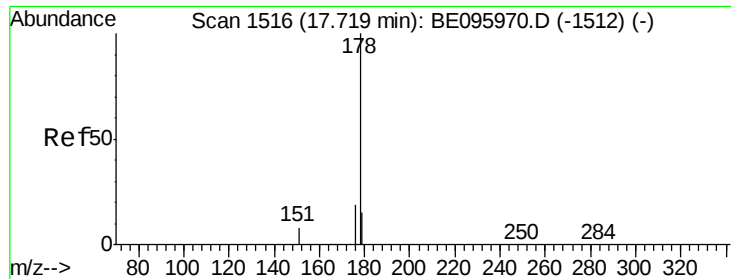
#22  
Pentachlorophenol  
Concen: 0.403 ng  
RT: 17.33 min Scan# 1483  
Delta R.T. 0.00 min  
Lab File: BE095984.D  
Acq: 12 Apr 2018 9:51

Tgt Ion: 266 Resp: 461  
Ion Ratio Lower Upper  
266 100  
264 68.7 72.5 108.7#  
268 68.4 73.8 110.6#



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





#23

Phenanthrene

Concen: 0.376 ng

RT: 17.72 min Scan# 1516

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

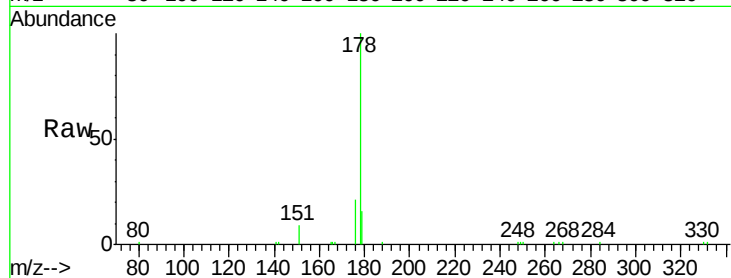
Tgt Ion:178 Resp: 6658

Ion Ratio Lower Upper

178 100

176 19.6 15.1 22.7

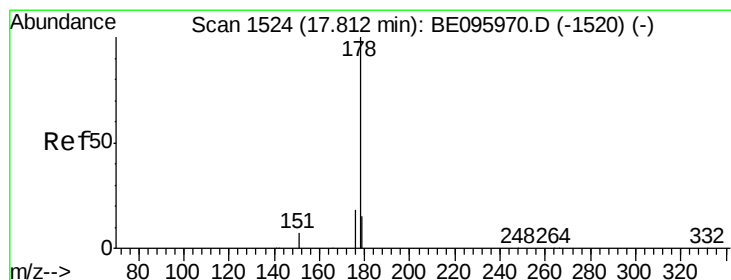
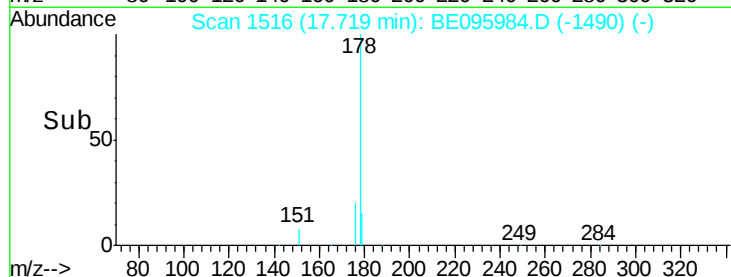
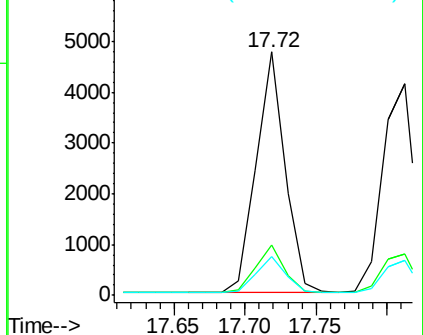
179 14.9 11.8 17.6



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: 0.386 ng

RT: 17.81 min Scan# 1524

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

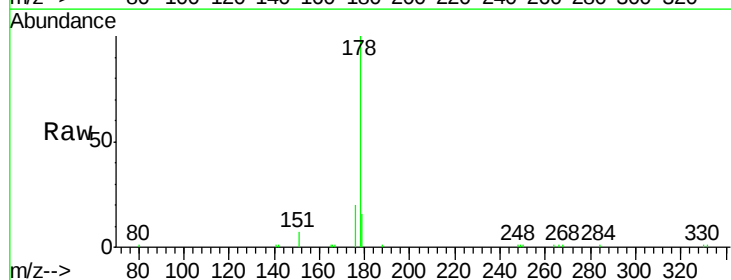
Tgt Ion:178 Resp: 6530

Ion Ratio Lower Upper

178 100

176 18.8 12.8 19.2

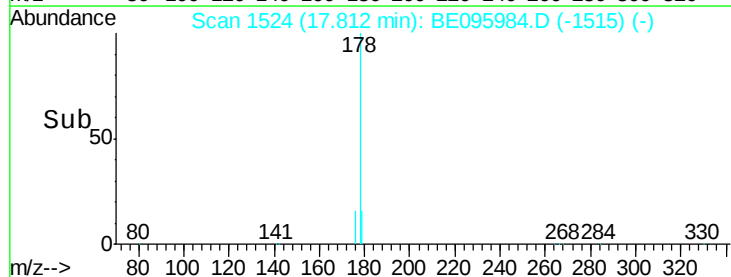
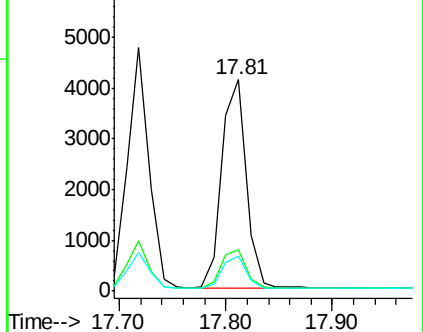
179 15.1 13.0 19.6

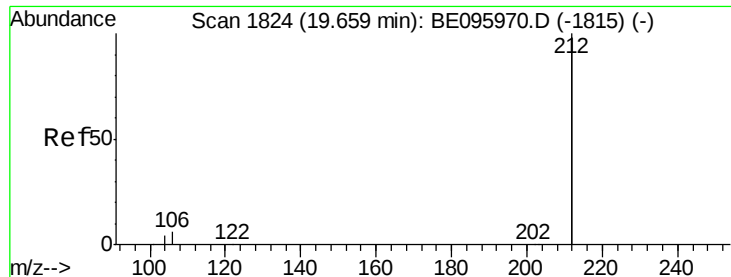


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.379 ng

RT: 19.66 min Scan# 1824

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

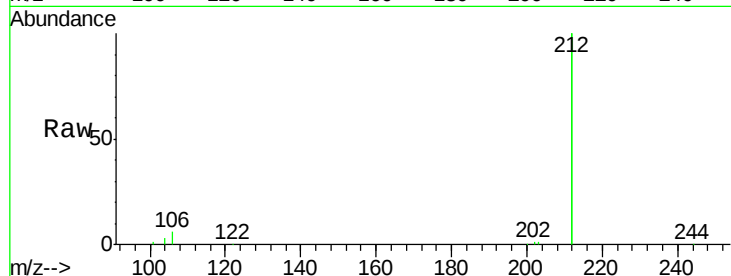
Tgt Ion:212 Resp: 32448

Ion Ratio Lower Upper

212 100

106 3.0 2.8 4.2

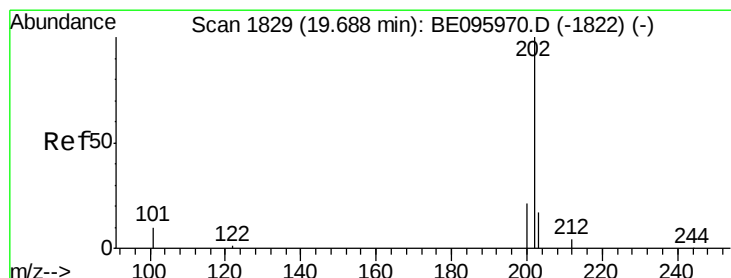
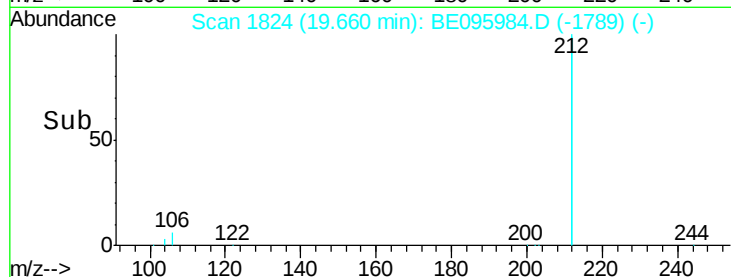
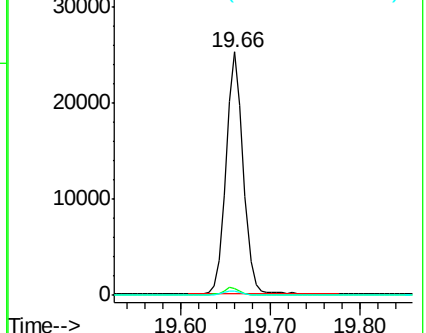
104 1.8 1.6 2.4



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: 0.374 ng

RT: 19.69 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

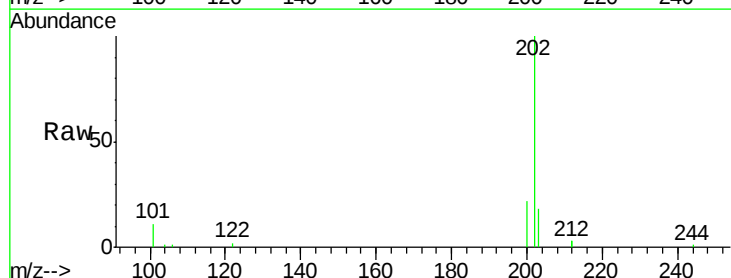
Tgt Ion:202 Resp: 8708

Ion Ratio Lower Upper

202 100

101 10.6 9.8 14.8

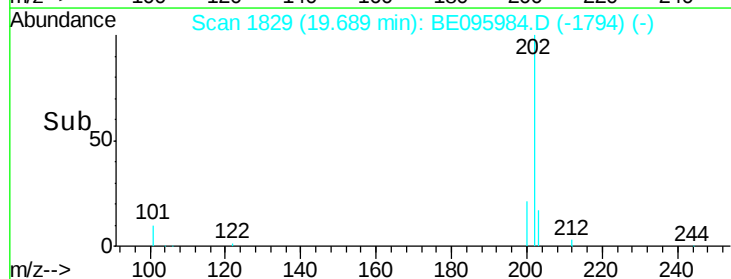
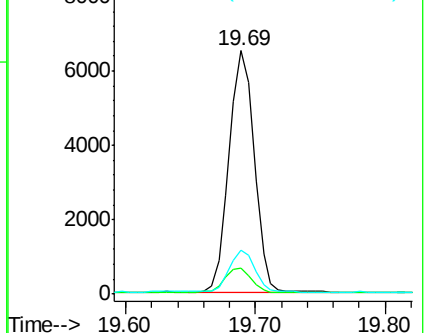
203 17.4 13.7 20.5

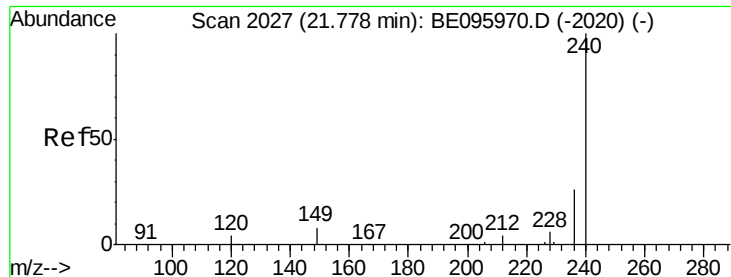


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.78 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

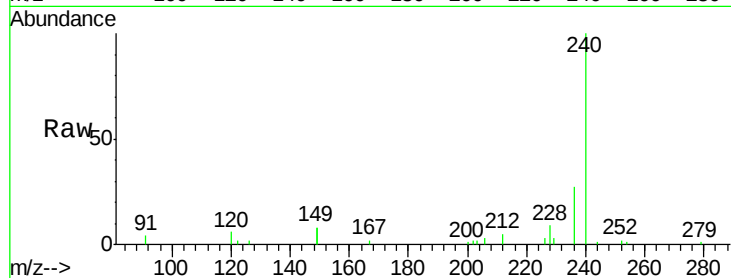
Tgt Ion:240 Resp: 7065

Ion Ratio Lower Upper

240 100

120 6.0 5.5 8.3

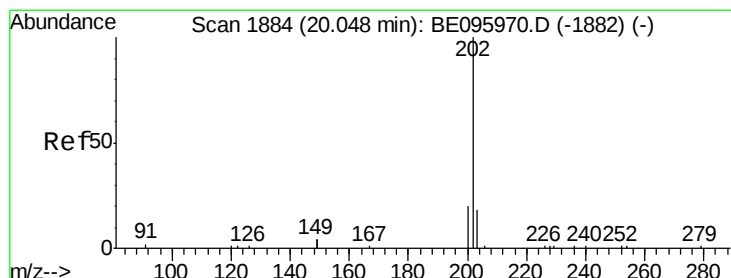
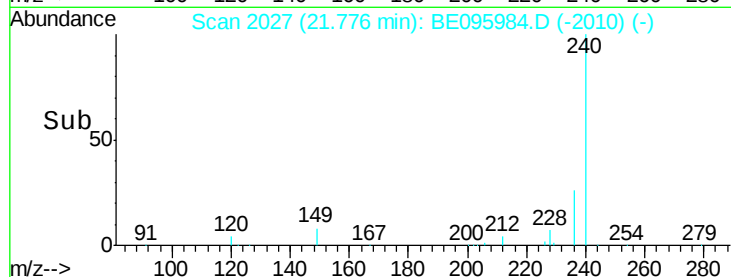
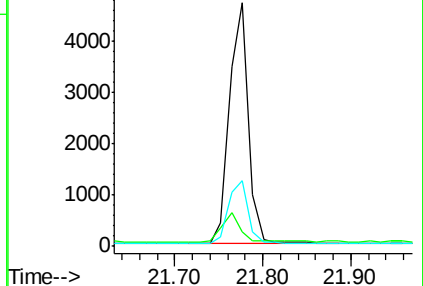
236 27.2 20.7 31.1



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: 0.365 ng

RT: 20.05 min Scan# 1884

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

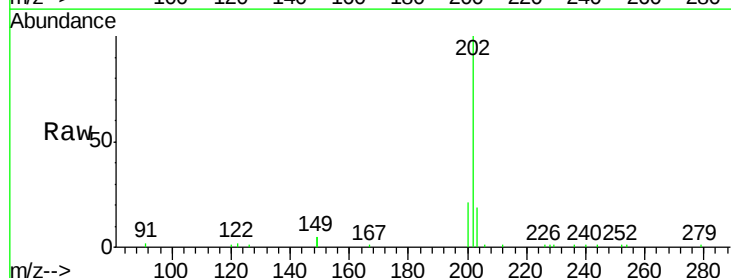
Tgt Ion:202 Resp: 5075

Ion Ratio Lower Upper

202 100

200 19.7 16.6 25.0

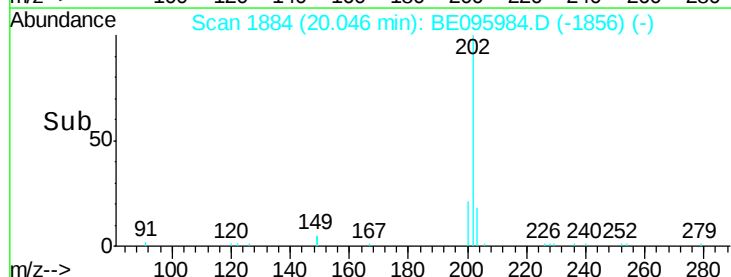
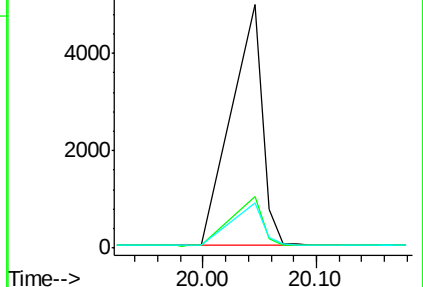
203 16.9 13.8 20.8

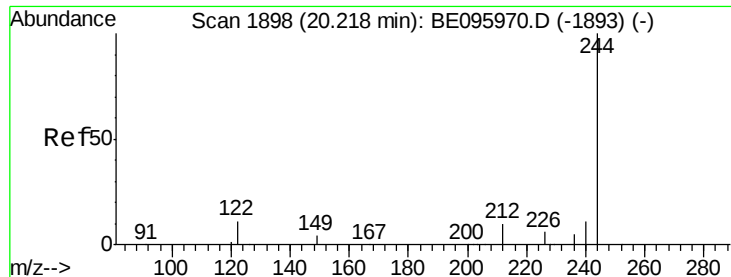


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.378 ng

RT: 20.22 min Scan# 1898

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

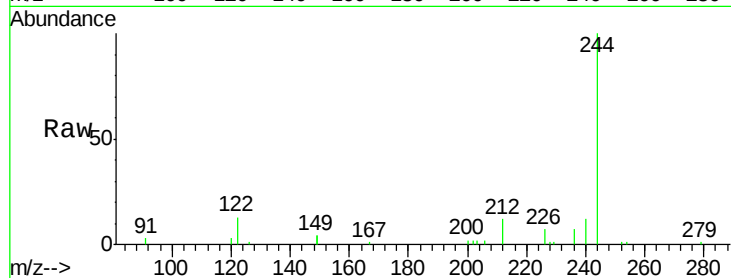
Tgt Ion:244 Resp: 5906

Ion Ratio Lower Upper

244 100

212 11.8 25.4 38.0#

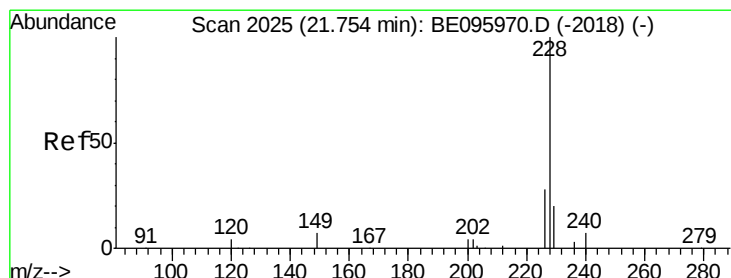
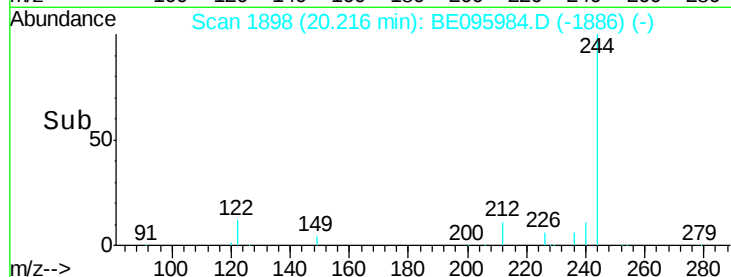
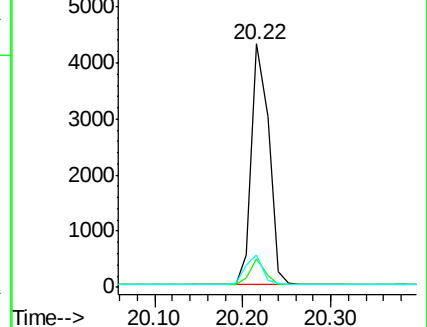
122 13.4 8.1 12.1#



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: 0.385 ng

RT: 21.75 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

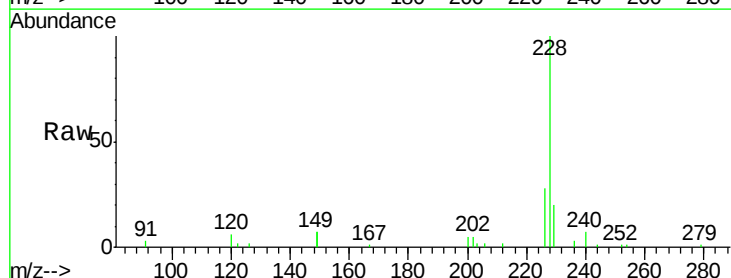
Tgt Ion:228 Resp: 8713

Ion Ratio Lower Upper

228 100

226 28.0 24.0 36.0

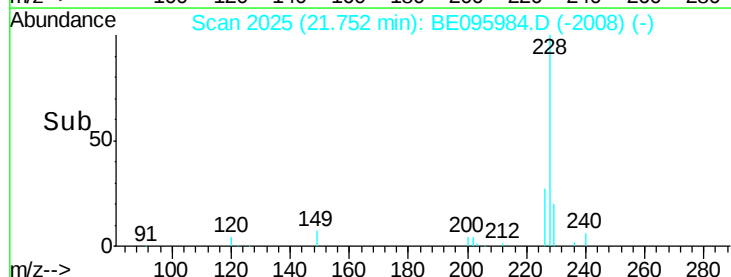
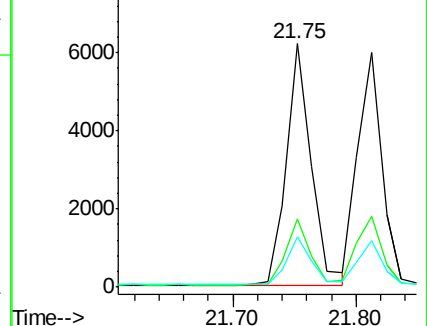
229 20.5 16.0 24.0

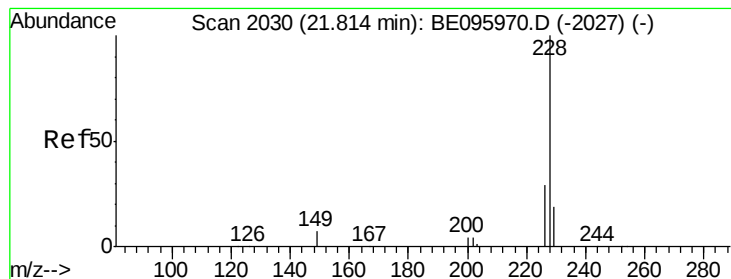


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.371 ng

RT: 21.81 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

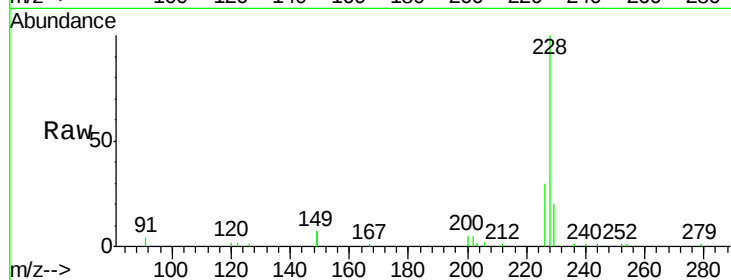
Tgt Ion:228 Resp: 8124

Ion Ratio Lower Upper

228 100

226 30.2 24.0 36.0

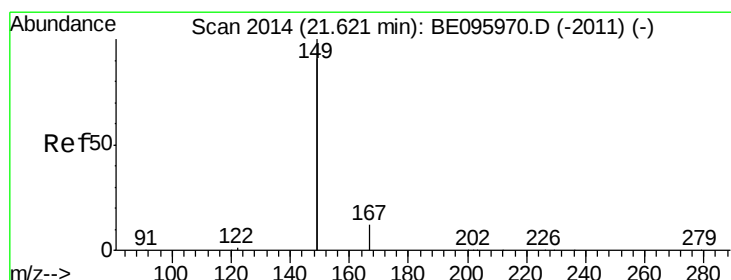
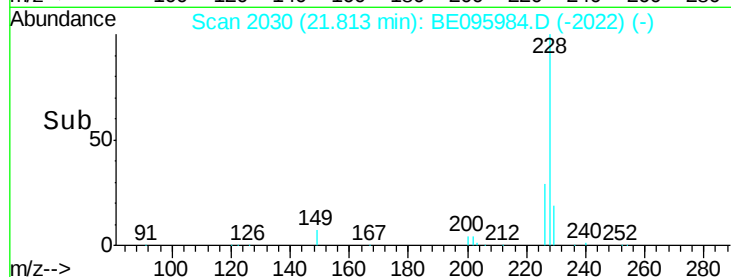
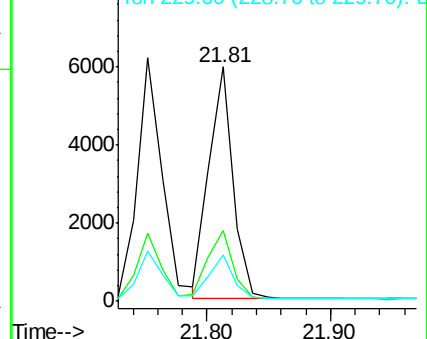
229 19.8 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.381 ng

RT: 21.62 min Scan# 2014

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

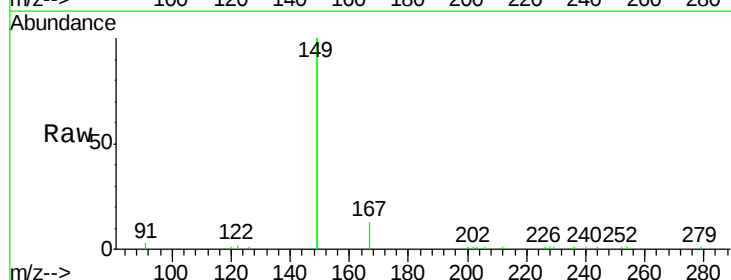
Tgt Ion:149 Resp: 22265

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.0

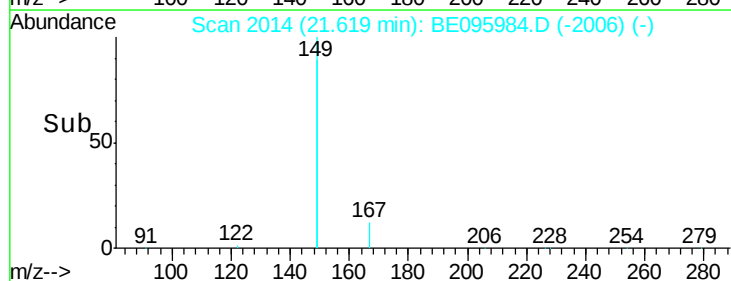
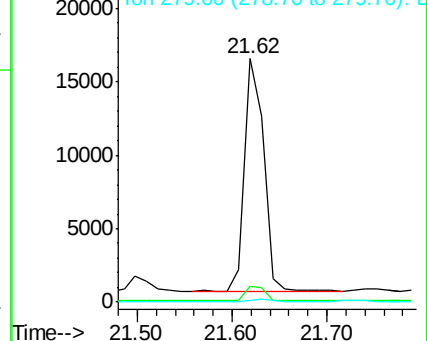
279 0.8 0.7 1.1

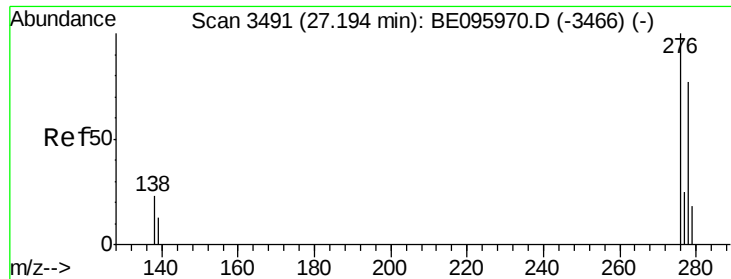


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.377 ng

RT: 27.18 min Scan# 3487

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

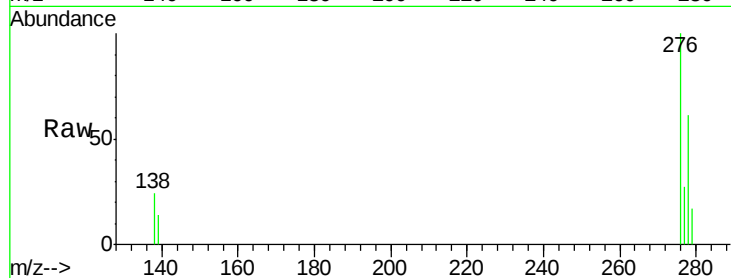
Tgt Ion:276 Resp: 8005

Ion Ratio Lower Upper

276 100

138 22.9 22.5 33.7

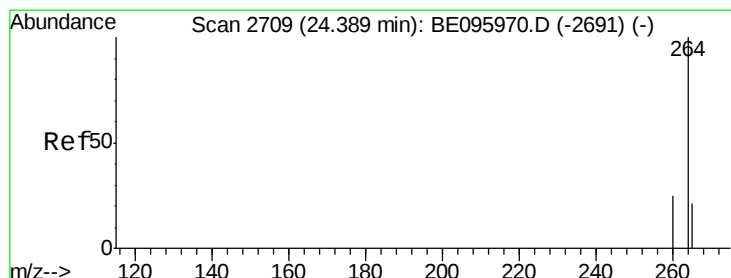
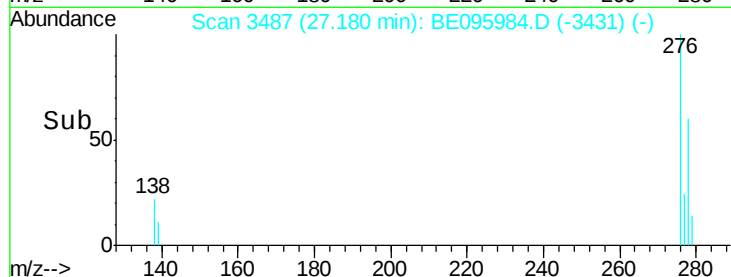
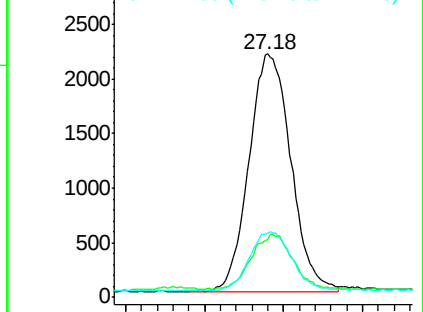
277 25.0 19.9 29.9



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: 24.39 min Scan# 2708

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

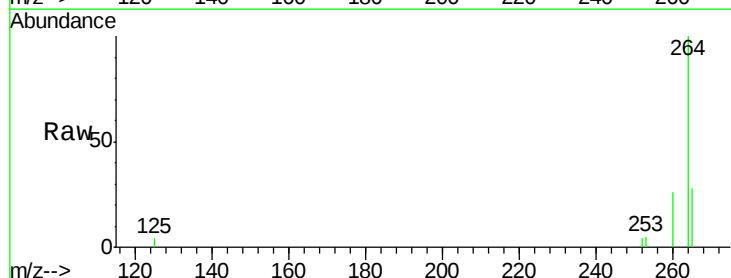
Tgt Ion:264 Resp: 6564

Ion Ratio Lower Upper

264 100

260 26.2 20.5 30.7

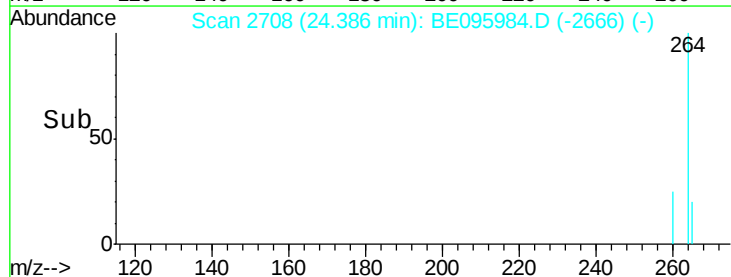
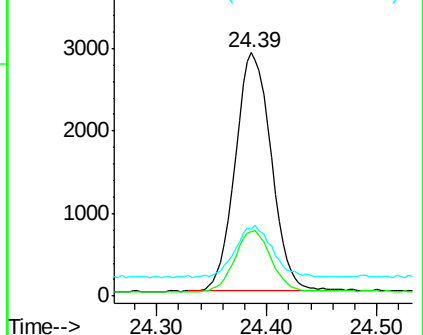
265 27.7 22.8 34.2

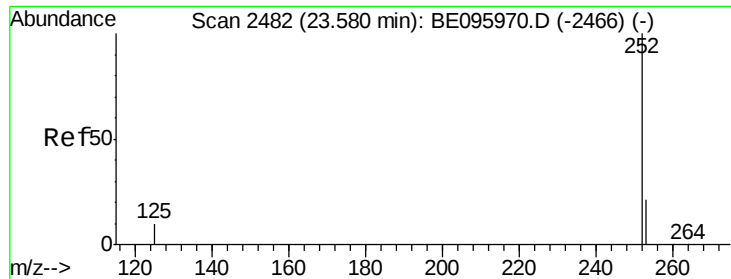


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.388 ng

RT: 23.58 min Scan# 2481

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

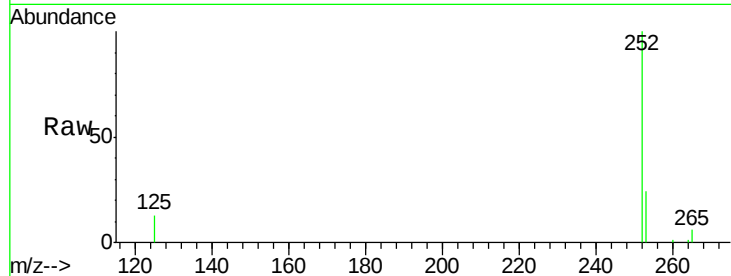
Tgt Ion:252 Resp: 7644

Ion Ratio Lower Upper

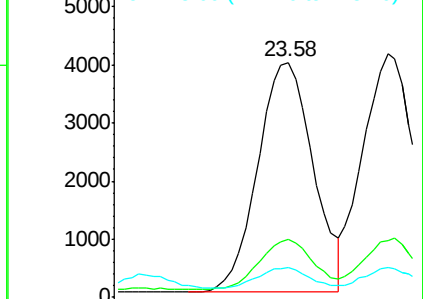
252 100

253 24.5 20.0 30.0

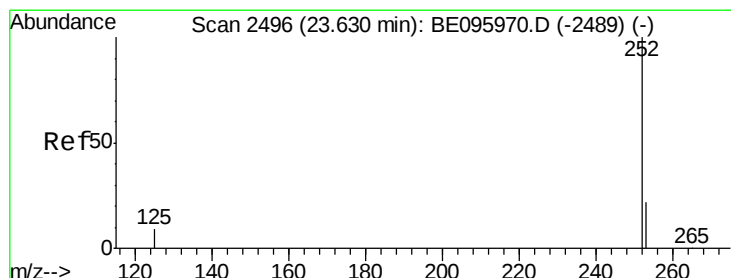
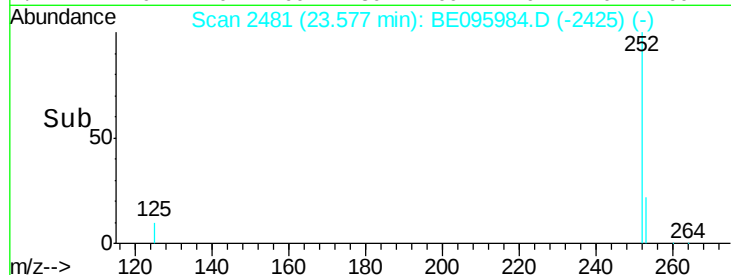
125 12.7 16.0 24.0#



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



Time--> 23.50 23.55 23.60



#36

Benzo(k)fluoranthene

Concen: 0.377 ng

RT: 23.63 min Scan# 2495

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

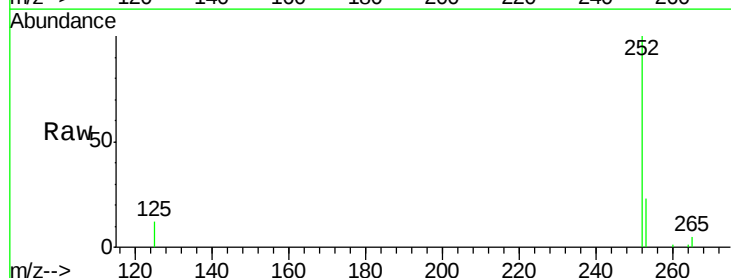
Tgt Ion:252 Resp: 7635

Ion Ratio Lower Upper

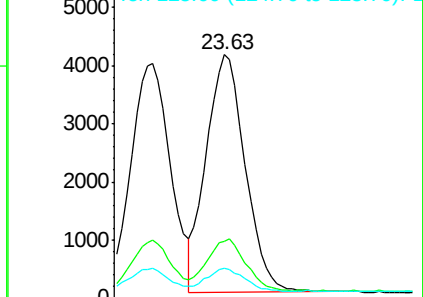
252 100

253 23.4 16.0 24.0

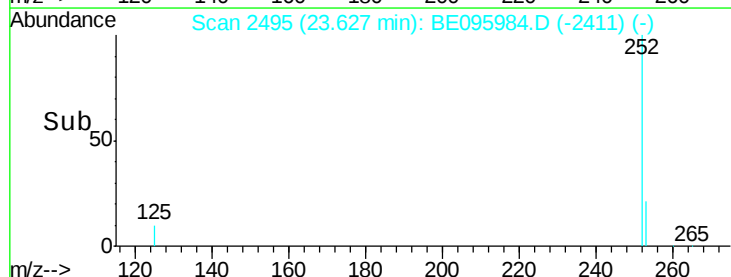
125 12.4 8.0 12.0#

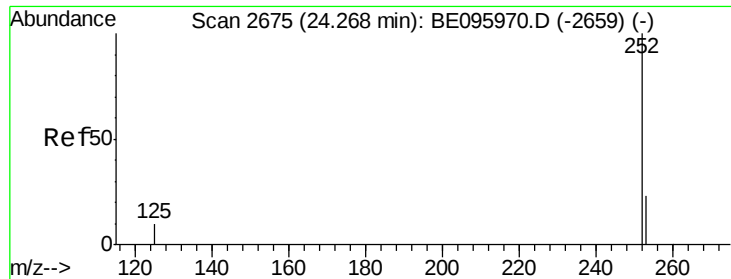


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



Time--> 23.60 23.65 23.70





#37

Benzo(a)pyrene

Concen: 0.381 ng

RT: 24.27 min Scan# 2676

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4

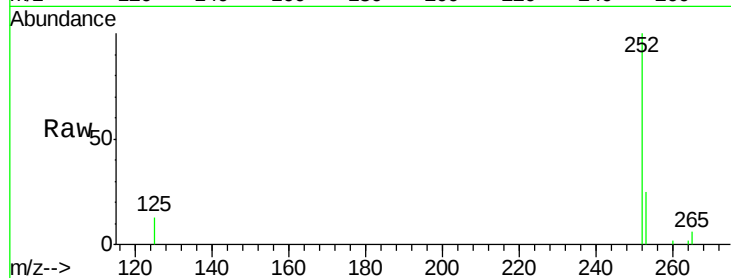
Tgt Ion:252 Resp: 7214

Ion Ratio Lower Upper

252 100

253 25.0 16.0 24.0#

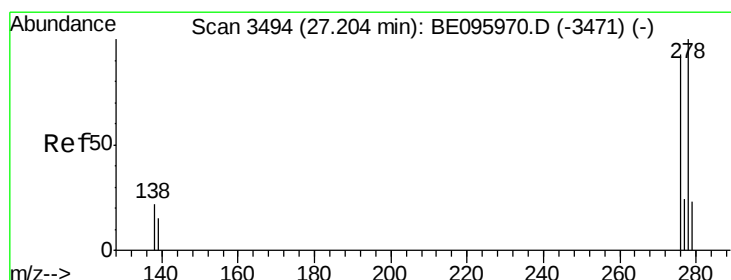
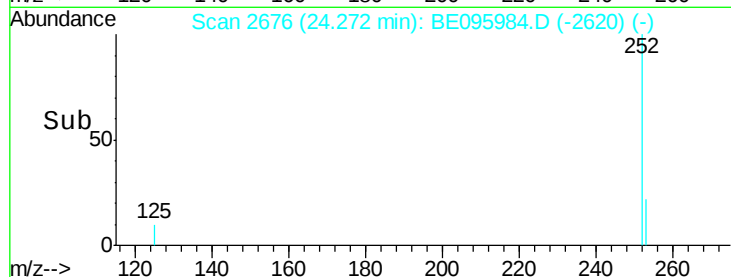
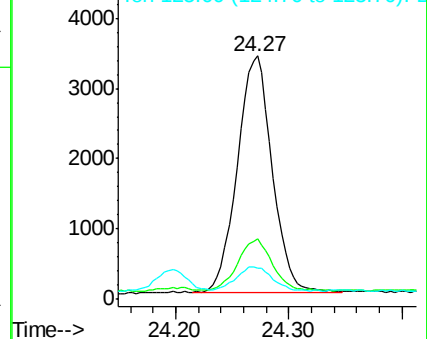
125 12.9 12.0 18.0



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: 0.390 ng

RT: 27.20 min Scan# 3492

Delta R.T. 0.00 min

Lab File: BE095984.D

Acq: 12 Apr 2018 9:51

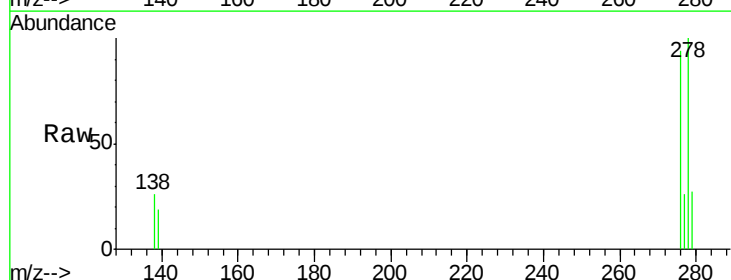
Tgt Ion:278 Resp: 6506

Ion Ratio Lower Upper

278 100

139 18.7 16.0 24.0

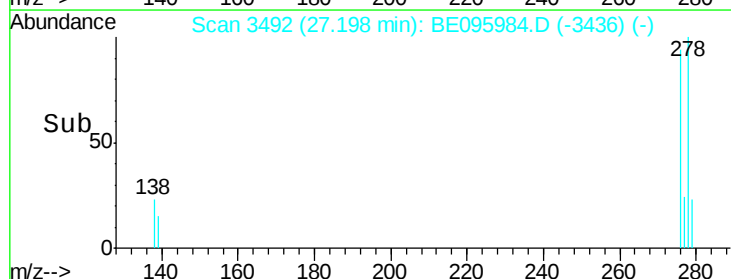
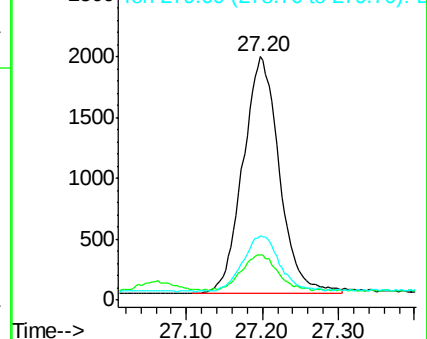
279 26.5 20.0 30.0

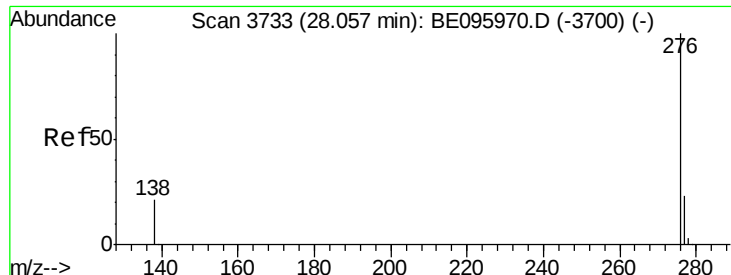


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.387 ng

RT: 28.05 min Scan# 3732

Delta R.T. 0.00 min

Lab File: BE095984.D

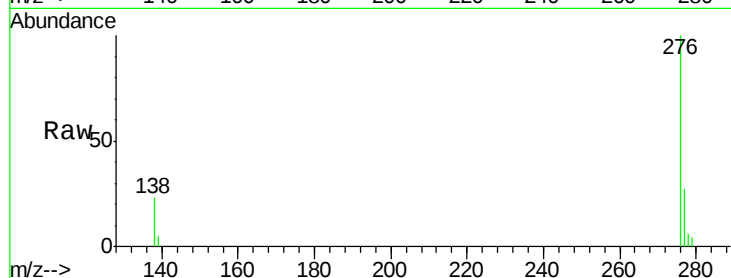
Acq: 12 Apr 2018 9:51

Instrument :

BNA\_E

ClientSampleId :

SSTDCCC0.4



Tgt Ion: 276 Resp: 6823

Ion Ratio Lower Upper

276 100

277 26.7 16.0 24.0#

138 22.9 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

