

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_E\DATA\BE011519\  
 Data File : BE098626.D  
 Acq On : 15 Jan 2019 13:58  
 Operator : SJ/JU  
 Sample : SSTDICC3.2  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 SSTDICC3.2

Quant Time: Jan 15 14:31:00 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE011519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 15 12:58:38 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.80  | 152  | 1245     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.60 | 136  | 5191     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.47 | 164  | 3493     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.21 | 188  | 7908     | 0.40 | ng    | -0.01    |
| 27) Chrysene-d12          | 21.41 | 240  | 9458     | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 23.92 | 264  | 8796     | 0.40 | ng    | 0.00     |

|                             |       |     |        |      |    |       |
|-----------------------------|-------|-----|--------|------|----|-------|
| System Monitoring Compounds |       |     |        |      |    |       |
| 4) 2-Fluorophenol           | 5.39  | 112 | 10575  | 3.63 | ng | 0.00  |
| 5) Phenol-d6                | 6.98  | 99  | 15946  | 3.86 | ng | -0.02 |
| 8) Nitrobenzene-d5          | 8.95  | 82  | 17006  | 3.60 | ng | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.21 | 152 | 28528  | 3.38 | ng | 0.00  |
| 14) 2,4,6-Tribromophenol    | 15.97 | 330 | 5646   | 4.40 | ng | 0.00  |
| 15) 2-Fluorobiphenyl        | 13.09 | 172 | 43600  | 2.96 | ng | 0.00  |
| 25) Fluoranthene-d10        | 19.26 | 212 | 323591 | 3.19 | ng | 0.00  |
| 29) Terphenyl-d14           | 19.86 | 244 | 65844  | 2.86 | ng | 0.00  |

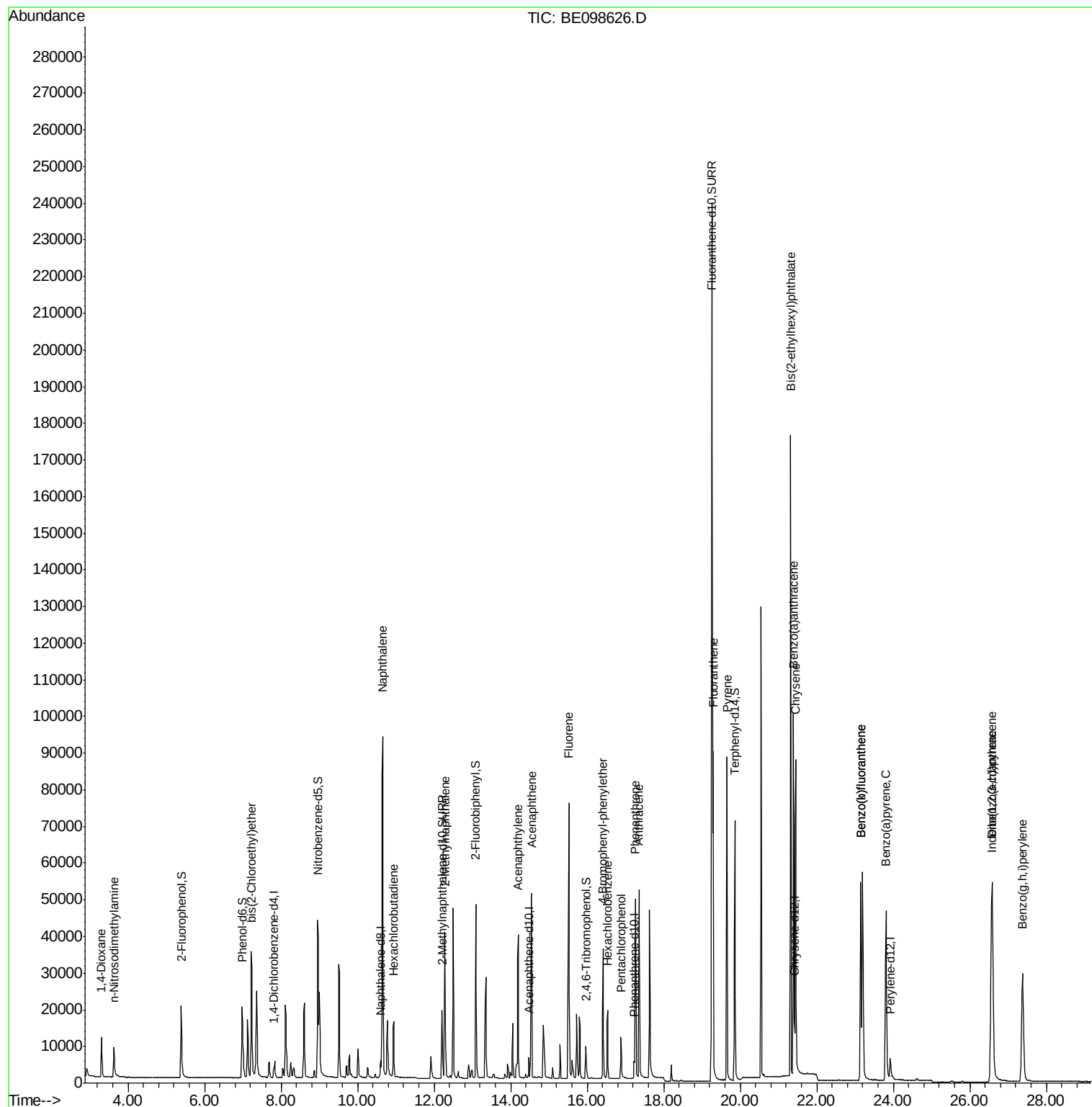
|                                |       |     |        |       |        |      |
|--------------------------------|-------|-----|--------|-------|--------|------|
| Target Compounds               |       |     |        |       | Qvalue |      |
| 2) 1,4-Dioxane                 | 3.30  | 88  | 6487   | 3.013 | ng     | 95   |
| 3) n-Nitrosodimethylamine      | 3.62  | 42  | 8250   | 4.257 | ng     | # 99 |
| 6) bis(2-Chloroethyl)ether     | 7.23  | 93  | 12873  | 3.282 | ng     | 94   |
| 9) Naphthalene                 | 10.65 | 128 | 167771 | 3.212 | ng     | 99   |
| 10) Hexachlorobutadiene        | 10.94 | 225 | 11645  | 3.501 | ng     | 98   |
| 12) 2-Methylnaphthalene        | 12.28 | 142 | 29316  | 3.454 | ng     | 98   |
| 16) Acenaphthylene             | 14.20 | 152 | 50415  | 3.081 | ng     | 100  |
| 17) Acenaphthene               | 14.54 | 154 | 30620  | 3.115 | ng     | 99   |
| 18) Fluorene                   | 15.51 | 166 | 39876  | 3.031 | ng     | 99   |
| 20) 4-Bromophenyl-phenylether  | 16.41 | 248 | 15308  | 3.596 | ng     | 92   |
| 21) Hexachlorobenzene          | 16.53 | 284 | 16375  | 3.578 | ng     | 98   |
| 22) Pentachlorophenol          | 16.88 | 266 | 6455   | 7.150 | ng     | 91   |
| 23) Phenanthrene               | 17.26 | 178 | 62303  | 3.242 | ng     | 99   |
| 24) Anthracene                 | 17.35 | 178 | 58987  | 3.443 | ng     | 99   |
| 26) Fluoranthene               | 19.29 | 202 | 79532  | 3.128 | ng     | 99   |
| 28) Pyrene                     | 19.65 | 202 | 82459  | 2.779 | ng     | 100  |
| 30) Benzo(a)anthracene         | 21.39 | 228 | 83151  | 3.087 | ng     | 99   |
| 31) Chrysene                   | 21.45 | 228 | 86597  | 3.070 | ng     | 98   |
| 32) Bis(2-ethylhexyl)phthalate | 21.32 | 149 | 177294 | 3.241 | ng     | 100  |
| 33) Indeno(1,2,3-cd)pyrene     | 26.56 | 276 | 90529  | 3.225 | ng     | 100  |
| 35) Benzo(b)fluoranthene       | 23.15 | 252 | 79557  | 3.307 | ng     | # 95 |
| 36) Benzo(k)fluoranthene       | 23.15 | 252 | 79557  | 2.839 | ng     | 97   |
| 37) Benzo(a)pyrene             | 23.81 | 252 | 78643  | 3.169 | ng     | # 92 |
| 38) Dibenzo(a,h)anthracene     | 26.59 | 278 | 75003  | 3.208 | ng     | # 92 |
| 39) Benzo(g,h,i)perylene       | 27.38 | 276 | 75487  | 3.204 | ng     | 96   |

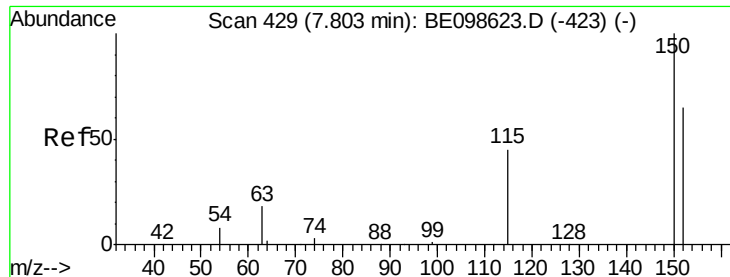
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_E\DATA\BE011519\  
Data File : BE098626.D  
Acq On : 15 Jan 2019 13:58  
Operator : SJ/JU  
Sample : SSTDICC3.2  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
SSTDICC3.2

Quant Time: Jan 15 14:31:00 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_E\METHODS\8270-SIM-BE011519.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jan 15 12:58:38 2019  
Response via : Initial Calibration



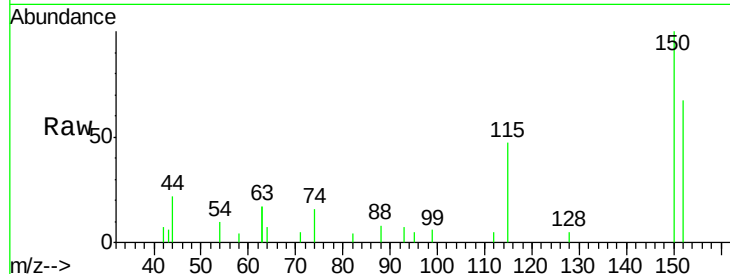


#1

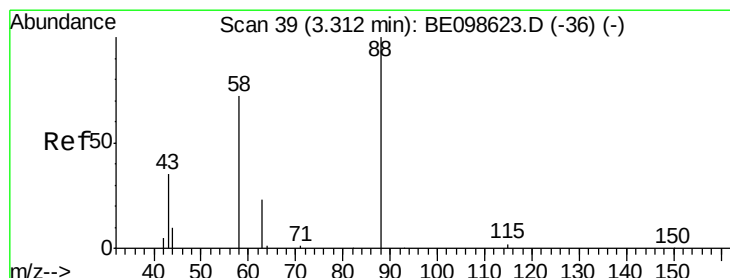
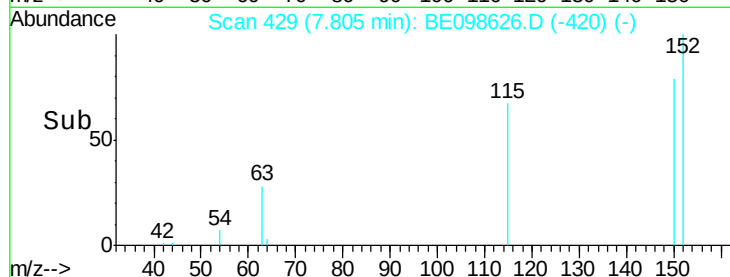
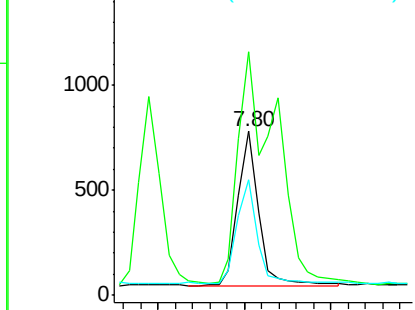
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.80 min Scan# 429  
Delta R.T. 0.00 min  
Lab File: BE098626.D  
Acq: 15 Jan 2019 13:58

Instrument :  
MSVOA\_W  
ClientSampled :  
SSTDICC3.2

Tgt Ion:152 Resp: 1245  
Ion Ratio Lower Upper  
152 100  
150 148.4 121.4 182.2  
115 70.4 59.1 88.7



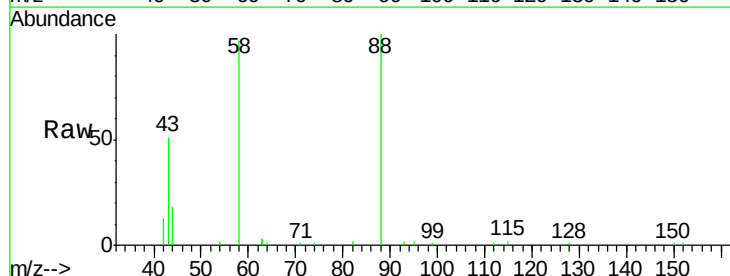
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



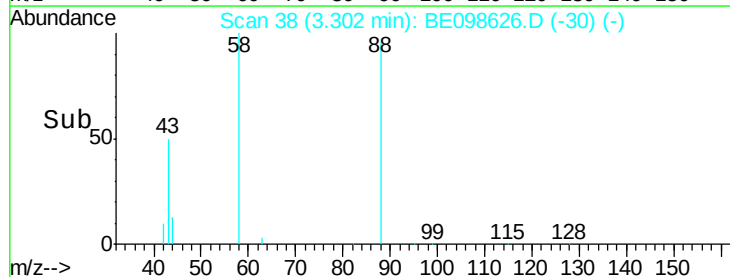
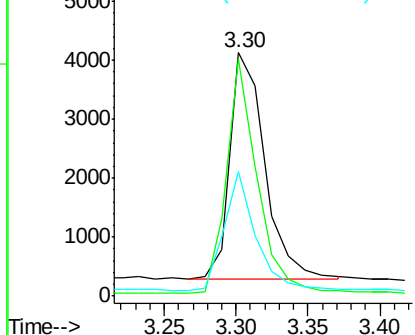
#2

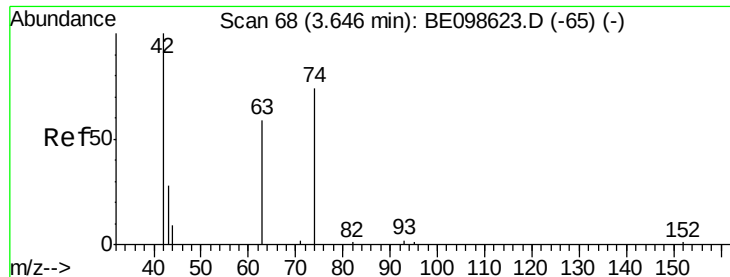
1,4-Dioxane  
Concen: 3.013 ng  
RT: 3.30 min Scan# 38  
Delta R.T. -0.01 min  
Lab File: BE098626.D  
Acq: 15 Jan 2019 13:58

Tgt Ion: 88 Resp: 6487  
Ion Ratio Lower Upper  
88 100  
58 91.0 73.9 110.9  
43 46.5 43.7 65.5



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: 4.257 ng

RT: 3.62 min Scan# 66

Delta R.T. -0.02 min

Lab File: BE098626.D

Acq: 15 Jan 2019 13:58

Instrument :

MSVOA\_W

ClientSampleId :

SSTDICC3.2

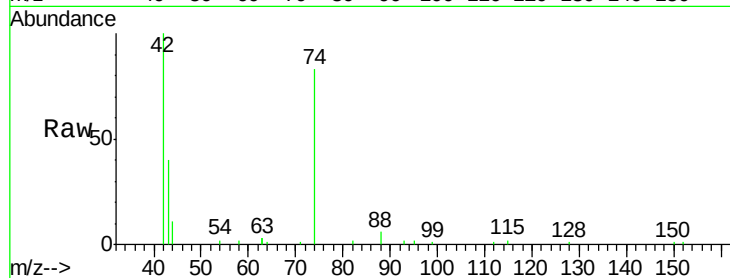
Tgt Ion: 42 Resp: 8250

Ion Ratio Lower Upper

42 100

74 72.7 58.9 88.3

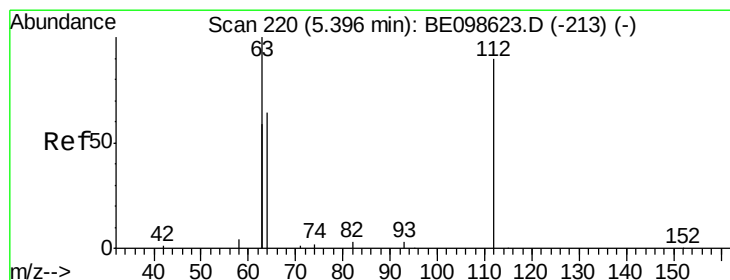
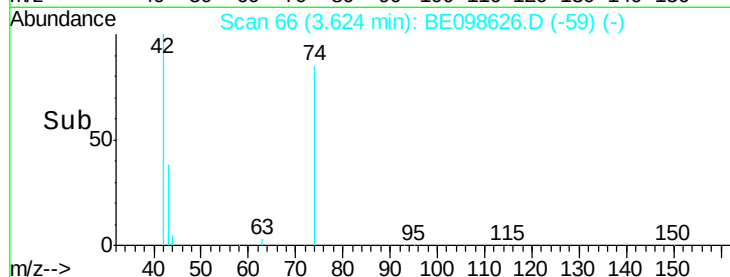
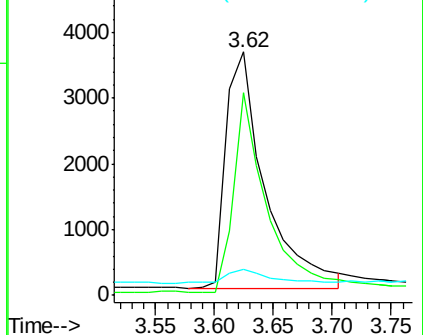
44 7.3 0.0 0.0#



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: 3.629 ng

RT: 5.39 min Scan# 219

Delta R.T. -0.01 min

Lab File: BE098626.D

Acq: 15 Jan 2019 13:58

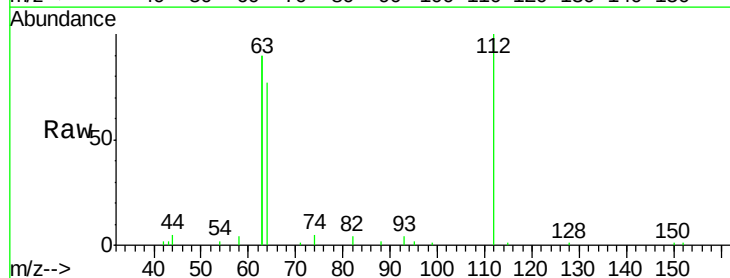
Tgt Ion: 112 Resp: 10575

Ion Ratio Lower Upper

112 100

64 78.4 62.9 94.3

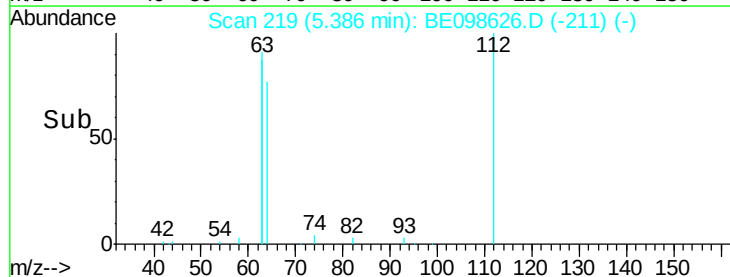
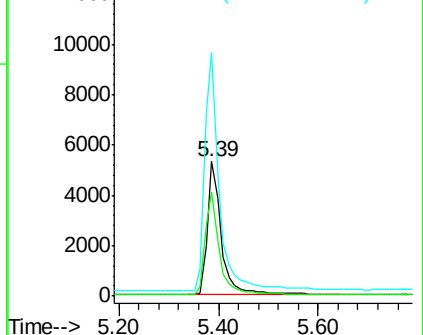
63 185.0 152.2 228.4

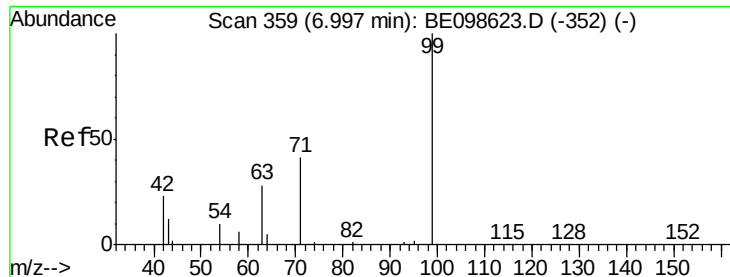


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 3.864 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.02 min

Lab File: BE098626.D

Acq: 15 Jan 2019 13:58

Instrument :

MSVOA\_W

ClientSampled :

SSTDICC3.2

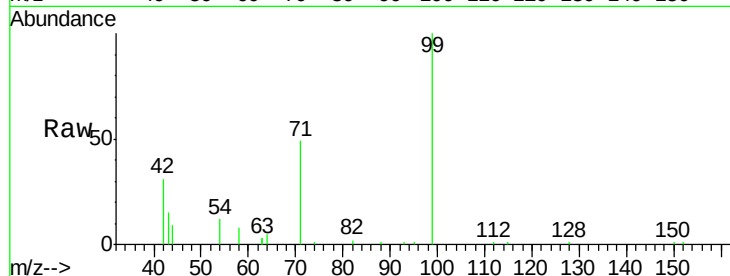
Tgt Ion: 99 Resp: 15946

Ion Ratio Lower Upper

99 100

42 32.6 24.6 37.0

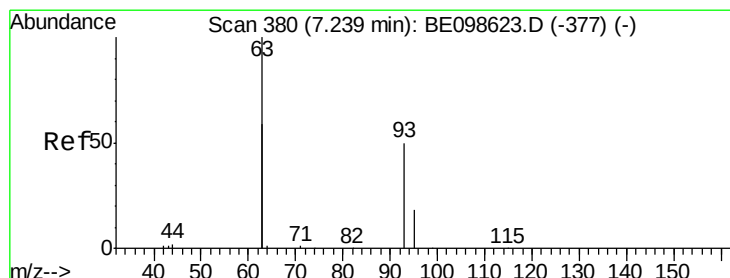
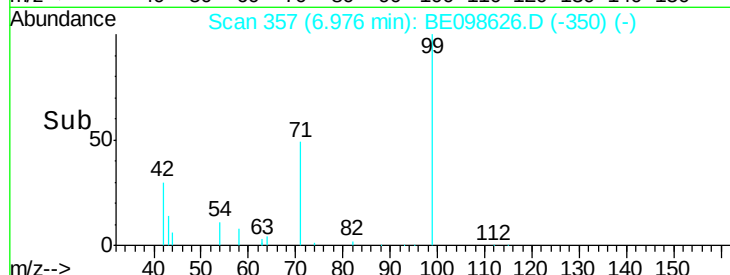
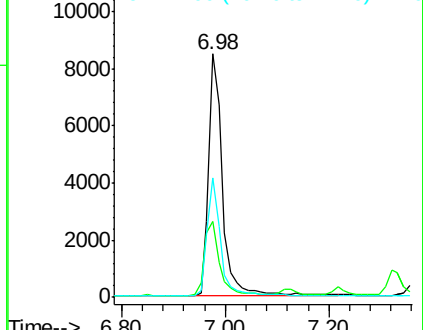
71 47.3 35.1 52.7



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: 3.282 ng

RT: 7.23 min Scan# 379

Delta R.T. -0.01 min

Lab File: BE098626.D

Acq: 15 Jan 2019 13:58

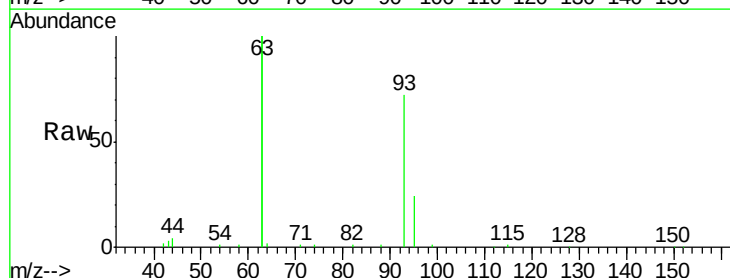
Tgt Ion: 93 Resp: 12873

Ion Ratio Lower Upper

93 100

63 348.7 267.3 400.9

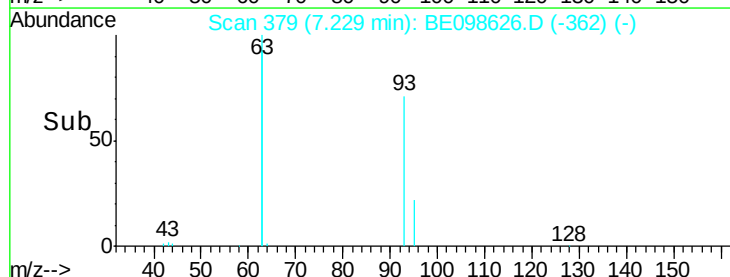
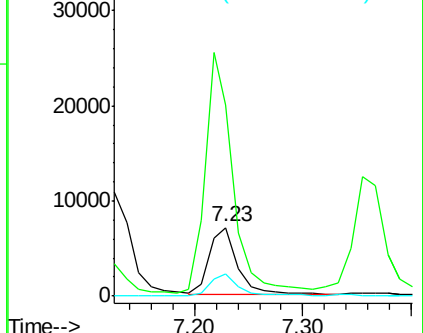
95 32.0 26.2 39.4

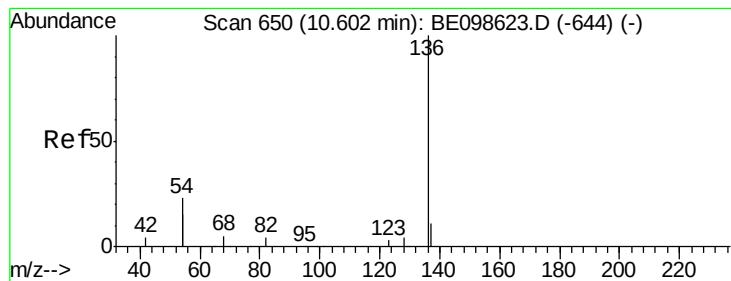


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE098626.D

Acq: 15 Jan 2019 13:58

Instrument :

MSVOA\_W

ClientSampleId :

SSTDICC3.2

Tgt Ion: 136 Resp: 5191

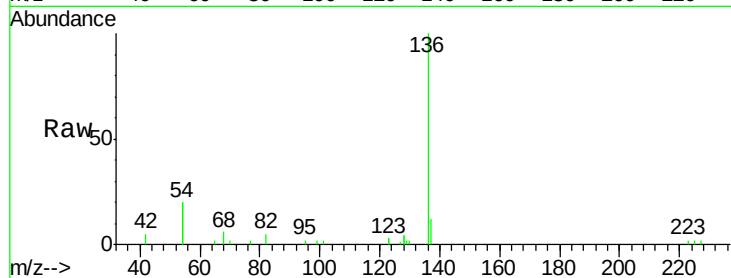
Ion Ratio Lower Upper

136 100

137 12.2 9.7 14.5

54 39.5 35.5 53.3

68 6.3 5.0 7.6

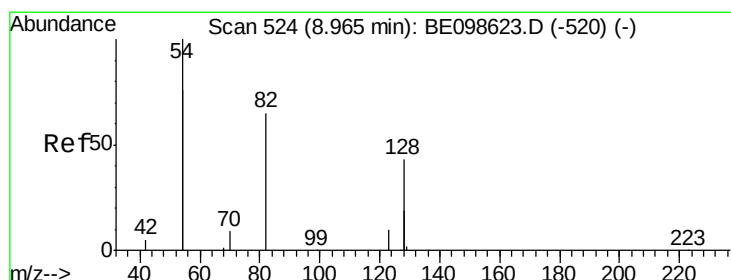
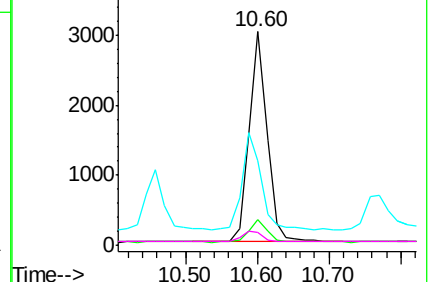
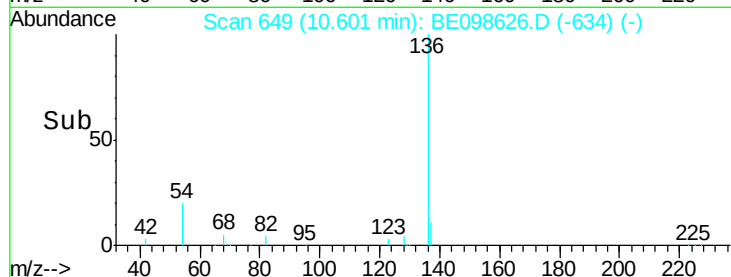


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.599 ng

RT: 8.95 min Scan# 522

Delta R.T. -0.01 min

Lab File: BE098626.D

Acq: 15 Jan 2019 13:58

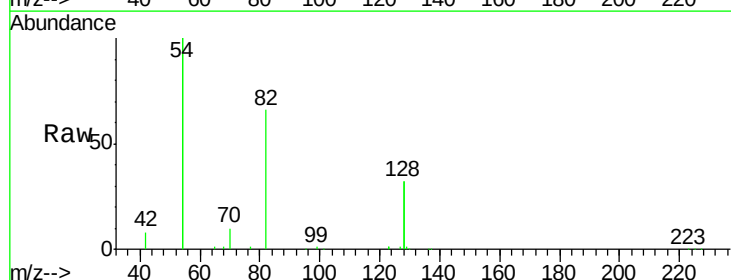
Tgt Ion: 82 Resp: 17006

Ion Ratio Lower Upper

82 100

128 96.1 96.5 144.7#

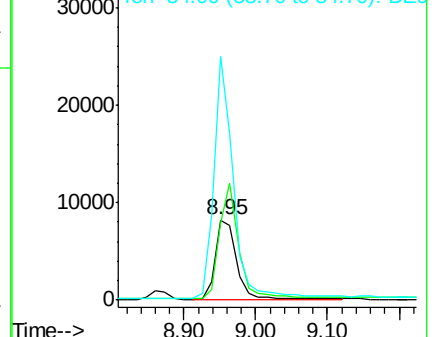
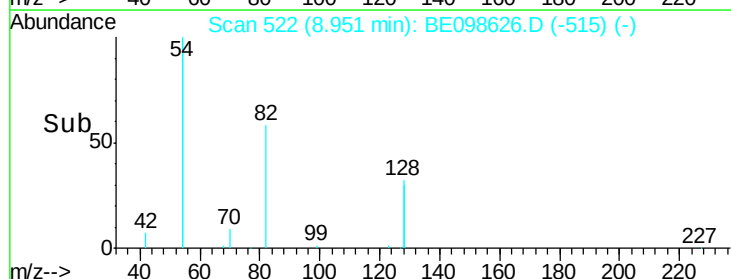
54 304.7 224.7 337.1

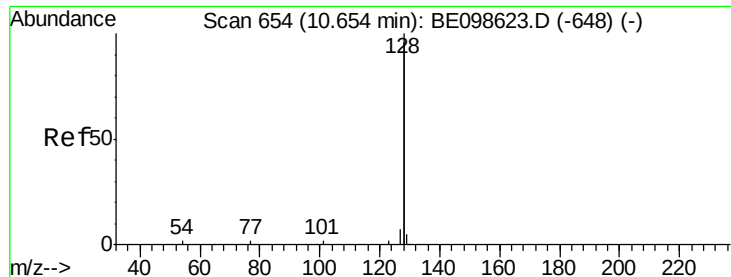


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 3.212 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE098626.D

Acq: 15 Jan 2019 13:58

Instrument :

MSVOA\_W

ClientSampleId :

SSTDICC3.2

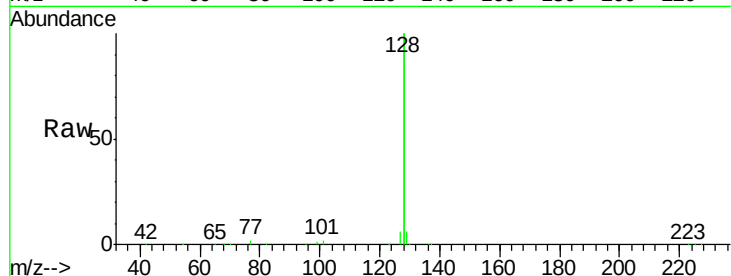
Tgt Ion:128 Resp: 167771

Ion Ratio Lower Upper

128 100

129 2.8 2.6 3.8

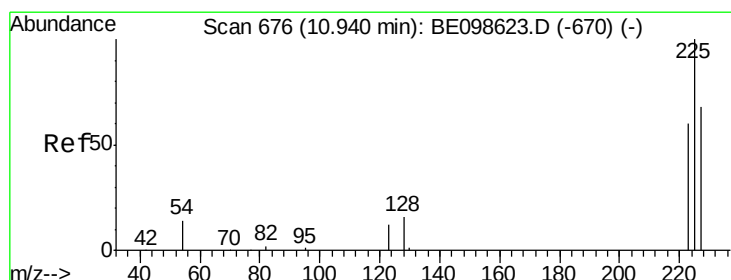
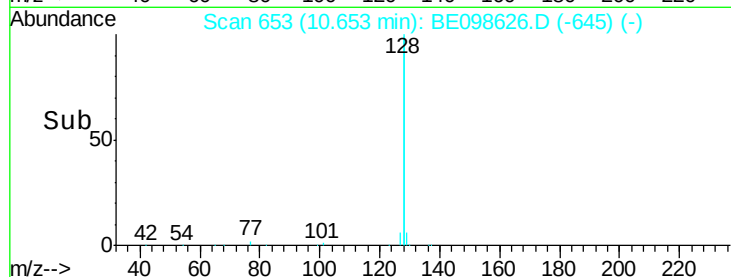
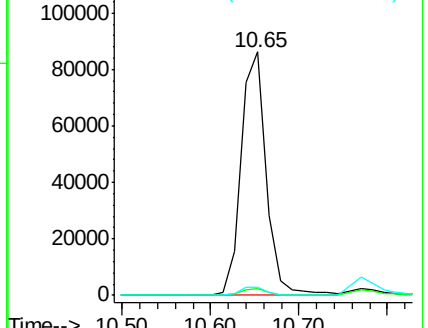
127 3.2 3.0 4.6



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: 3.501 ng

RT: 10.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: BE098626.D

Acq: 15 Jan 2019 13:58

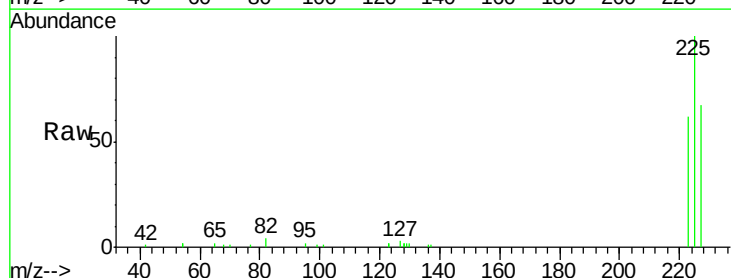
Tgt Ion:225 Resp: 11645

Ion Ratio Lower Upper

225 100

223 63.0 47.8 71.8

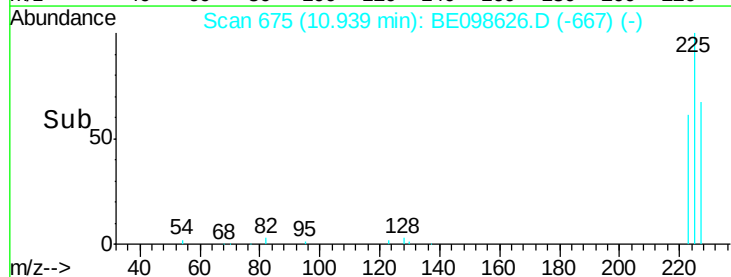
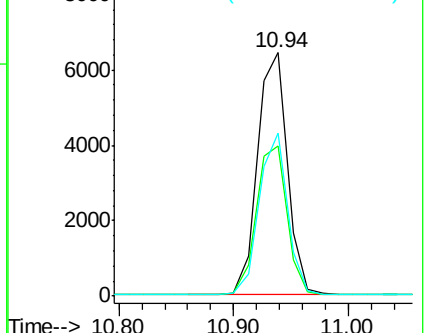
227 63.5 50.5 75.7

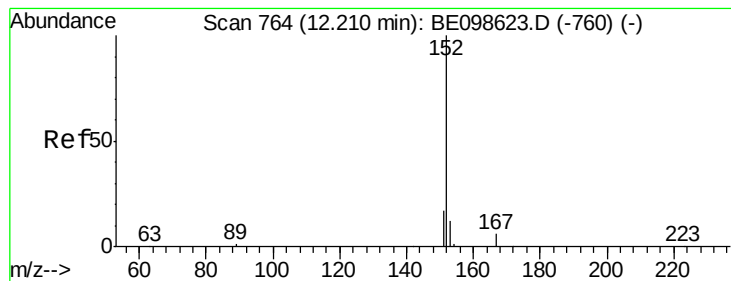


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 3.380 ng

RT: 12.21 min Scan# 763

Delta R.T. -0.00 min

Lab File: BE098626.D

Acq: 15 Jan 2019 13:58

Instrument :

MSVOA\_W

ClientSampleId :

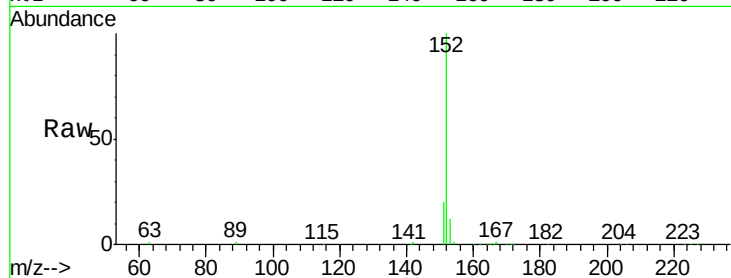
SSTDICC3.2

Tgt Ion:152 Resp: 28528

Ion Ratio Lower Upper

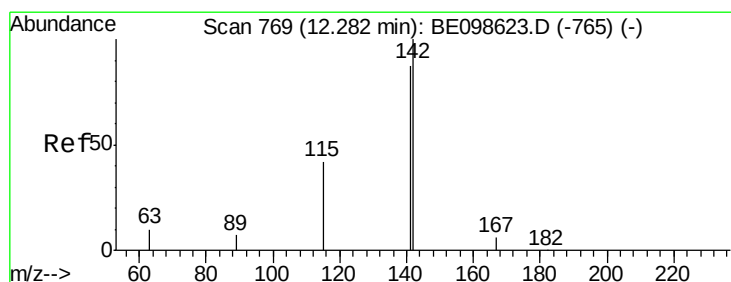
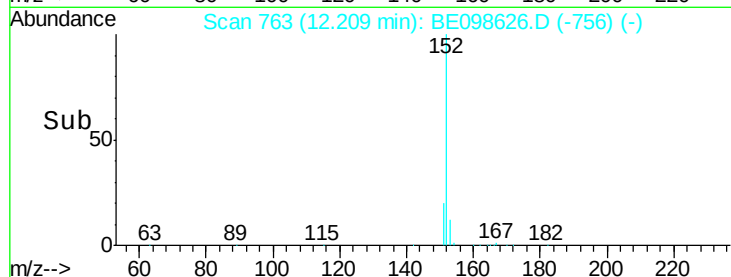
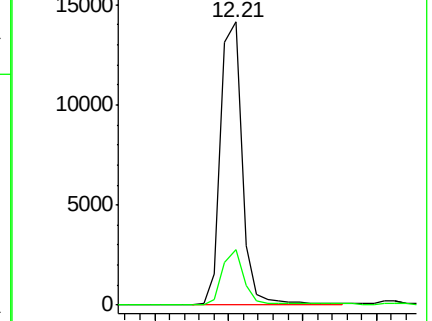
152 100

151 19.5 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 3.454 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.00 min

Lab File: BE098626.D

Acq: 15 Jan 2019 13:58

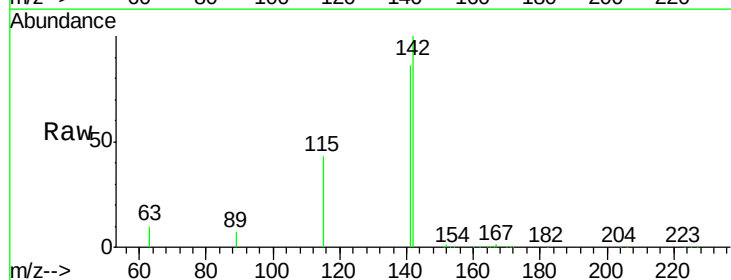
Tgt Ion:142 Resp: 29316

Ion Ratio Lower Upper

142 100

141 86.2 70.0 105.0

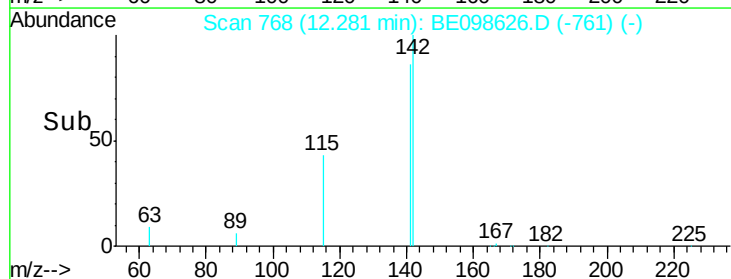
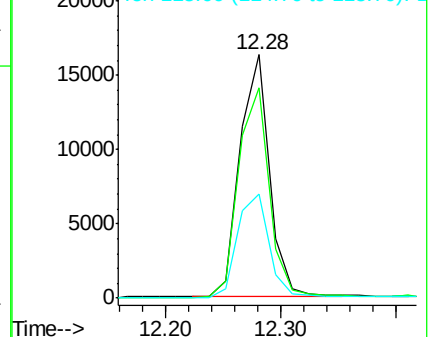
115 42.7 35.2 52.8



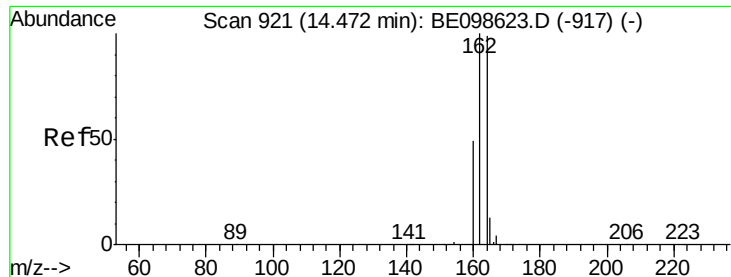
Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.47 min Scan# 920

Delta R.T. -0.00 min

Lab File: BE098626.D

Acq: 15 Jan 2019 13:58

Instrument :

MSVOA\_W

ClientSampleId :

SSTDICC3.2

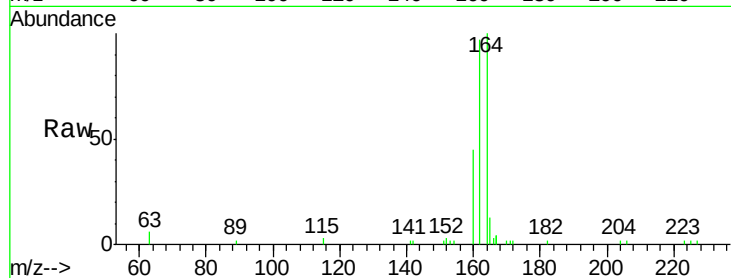
Tgt Ion:164 Resp: 3493

Ion Ratio Lower Upper

164 100

162 96.8 80.5 120.7

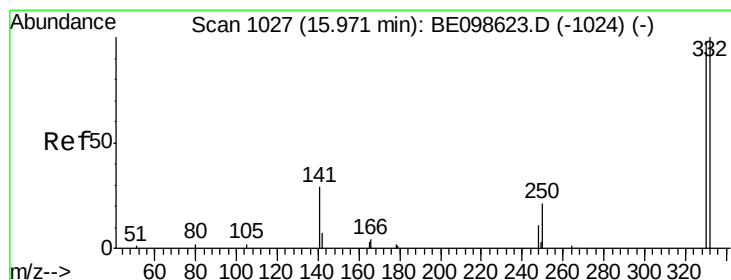
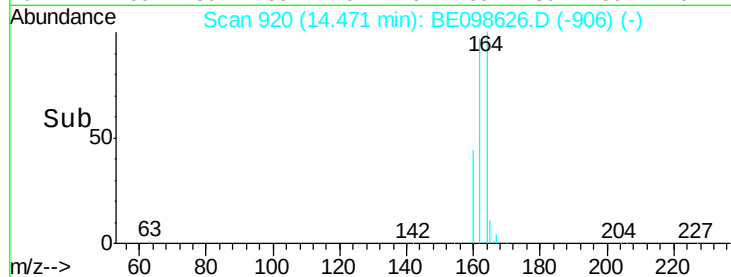
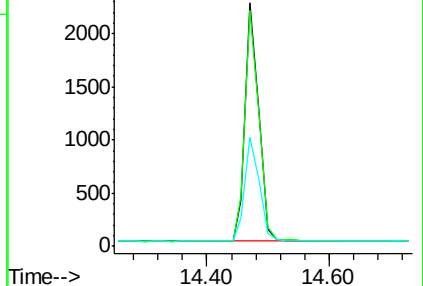
160 44.8 40.1 60.1



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: 4.403 ng

RT: 15.97 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE098626.D

Acq: 15 Jan 2019 13:58

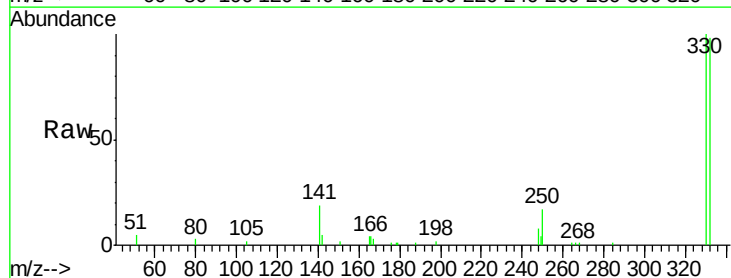
Tgt Ion:330 Resp: 5646

Ion Ratio Lower Upper

330 100

332 95.7 73.3 109.9

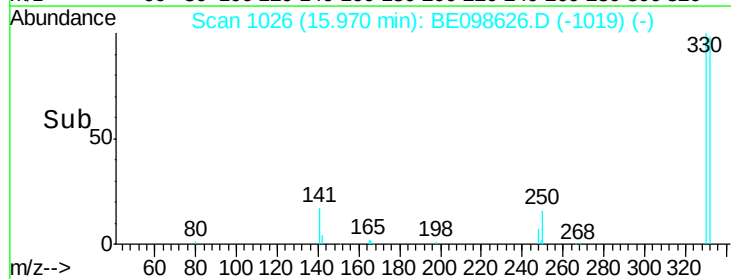
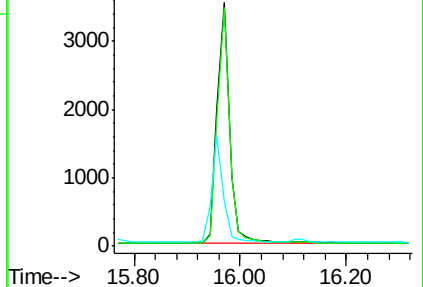
141 41.3 33.1 49.7

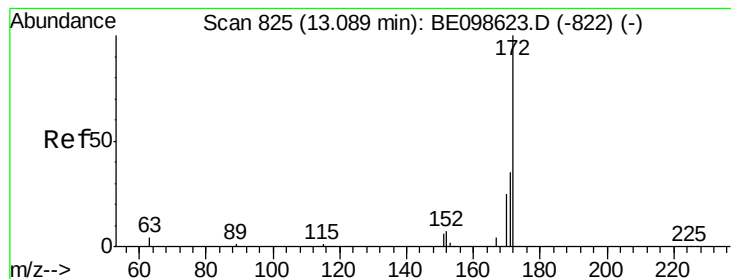


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

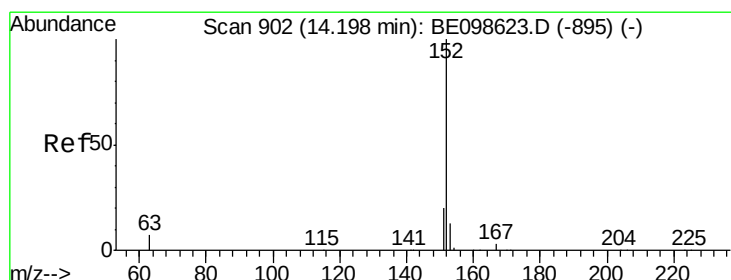
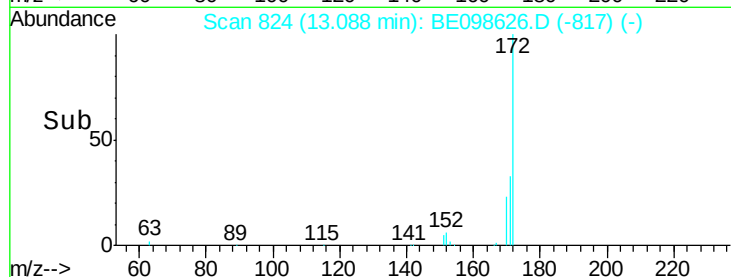
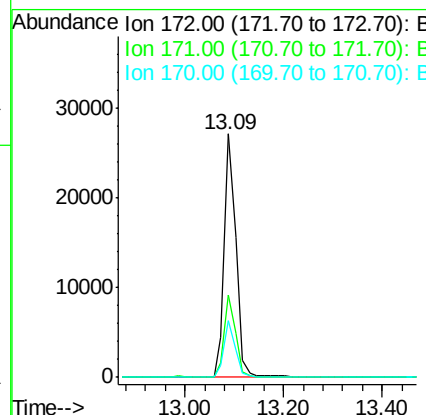
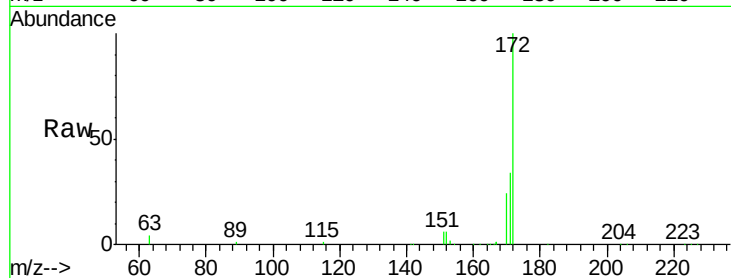




#15  
 2-Fluorobiphenyl  
 Concen: 2.959 ng  
 RT: 13.09 min Scan# 824  
 Delta R.T. -0.00 min  
 Lab File: BE098626.D  
 Acq: 15 Jan 2019 13:58

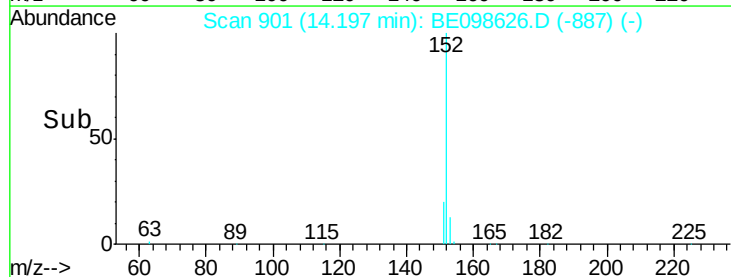
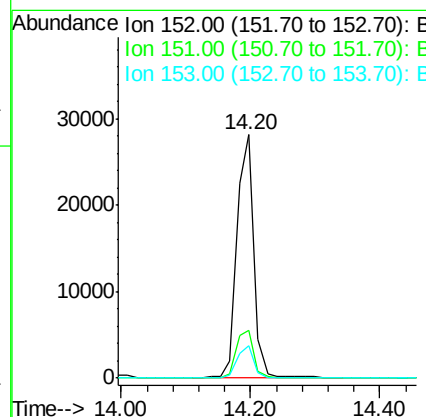
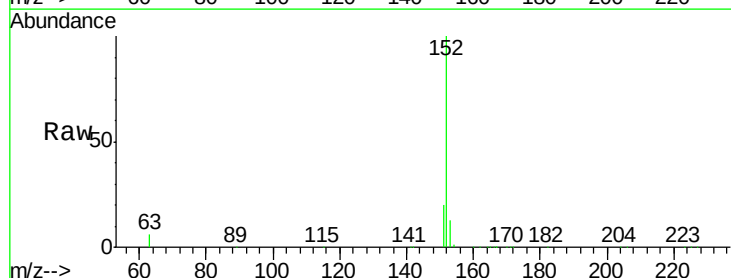
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 SSTDICC3.2

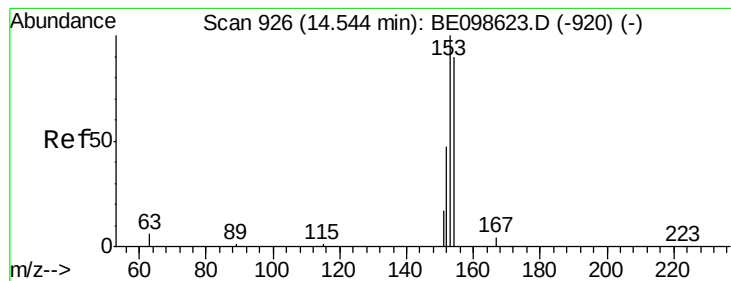
Tgt Ion:172 Resp: 43600  
 Ion Ratio Lower Upper  
 172 100  
 171 33.7 29.0 43.4  
 170 23.5 20.8 31.2



#16  
 Acenaphthylene  
 Concen: 3.081 ng  
 RT: 14.20 min Scan# 901  
 Delta R.T. -0.00 min  
 Lab File: BE098626.D  
 Acq: 15 Jan 2019 13:58

Tgt Ion:152 Resp: 50415  
 Ion Ratio Lower Upper  
 152 100  
 151 20.3 16.3 24.5  
 153 13.1 10.7 16.1





#17

Acenaphthene

Concen: 3.115 ng

RT: 14.54 min Scan# 925

Delta R.T. -0.00 min

Lab File: BE098626.D

Acq: 15 Jan 2019 13:58

Instrument :

MSVOA\_W

ClientSampled :

SSTDICC3.2

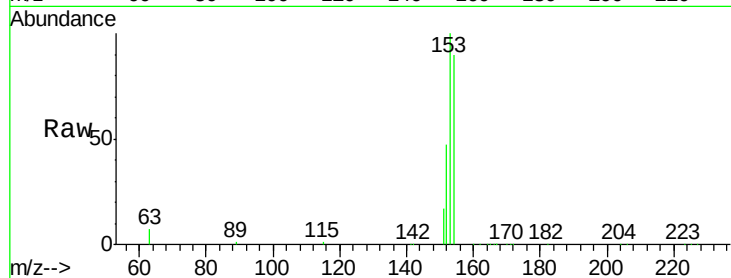
Tgt Ion:154 Resp: 30620

Ion Ratio Lower Upper

154 100

153 115.9 93.9 140.9

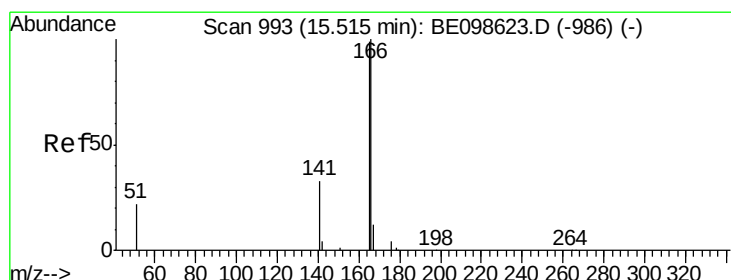
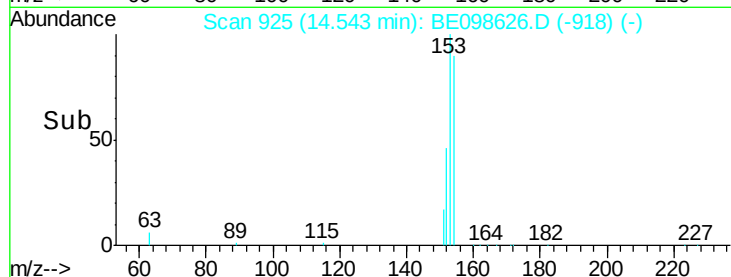
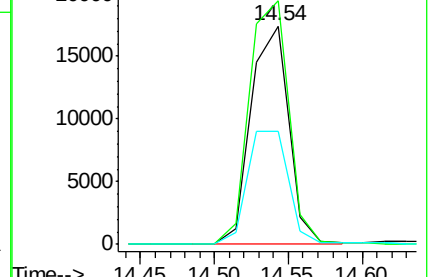
152 56.2 45.8 68.8



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: 3.031 ng

RT: 15.51 min Scan# 992

Delta R.T. -0.00 min

Lab File: BE098626.D

Acq: 15 Jan 2019 13:58

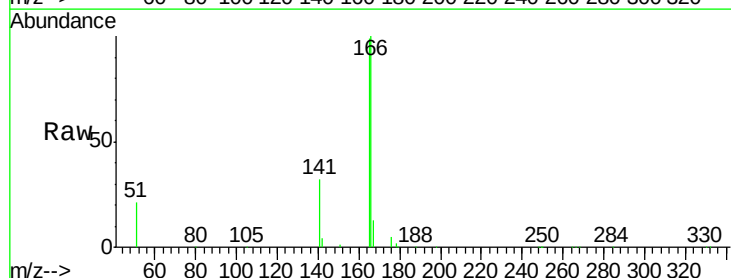
Tgt Ion:166 Resp: 39876

Ion Ratio Lower Upper

166 100

165 99.7 79.3 118.9

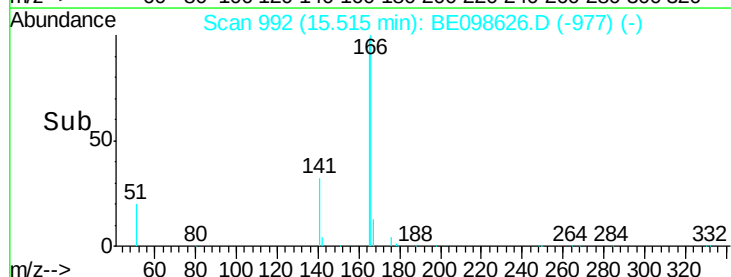
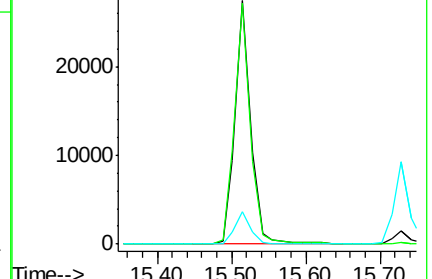
167 13.3 10.6 15.8

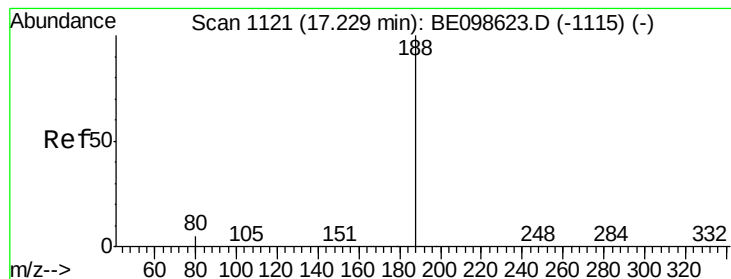


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.21 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BE098626.D

Acq: 15 Jan 2019 13:58

Instrument :

MSVOA\_W

ClientSampled :

SSTDICC3.2

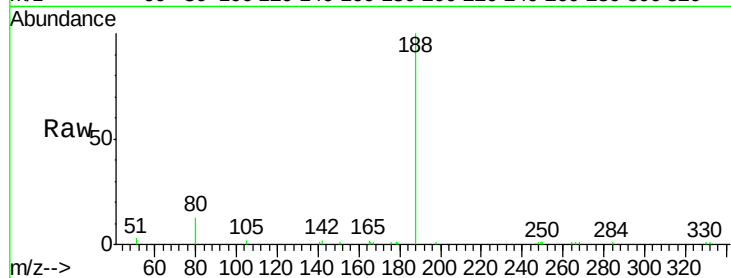
Tgt Ion:188 Resp: 7908

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

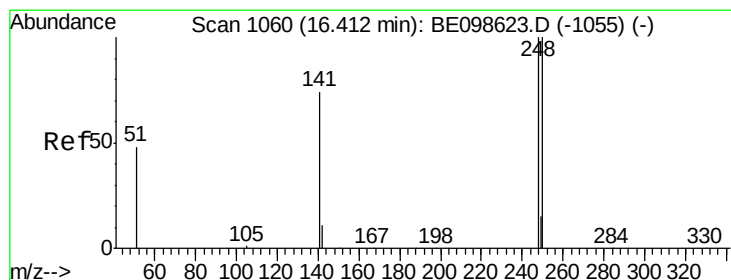
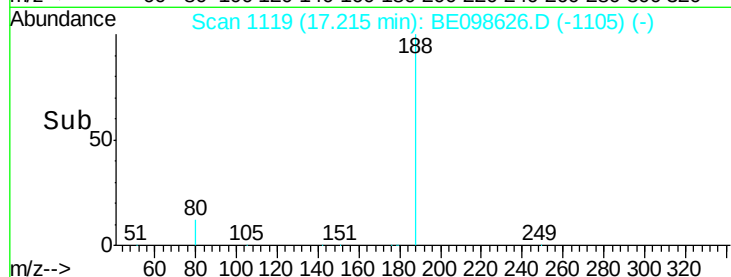
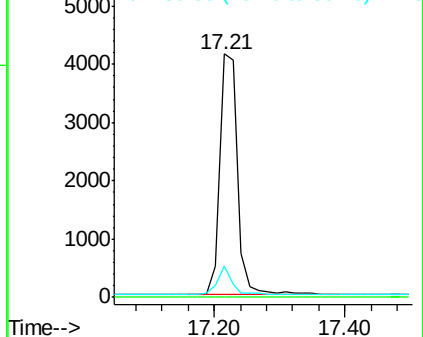
80 12.9 4.7 7.1#



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: 3.596 ng

RT: 16.41 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE098626.D

Acq: 15 Jan 2019 13:58

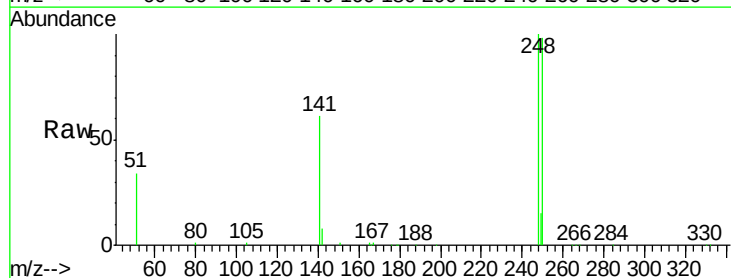
Tgt Ion:248 Resp: 15308

Ion Ratio Lower Upper

248 100

250 98.4 80.2 120.4

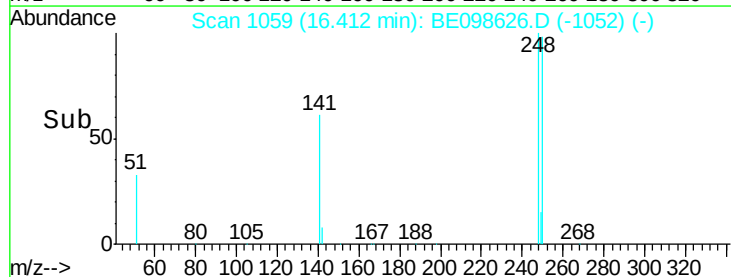
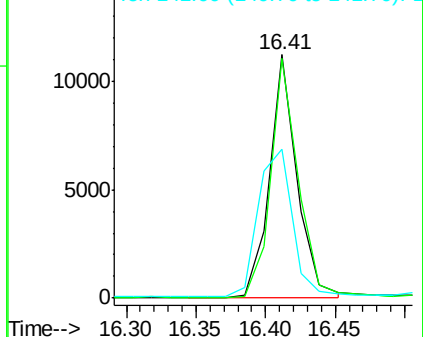
141 61.3 60.5 90.7

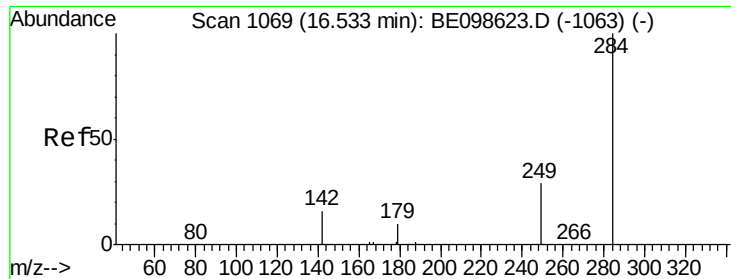


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

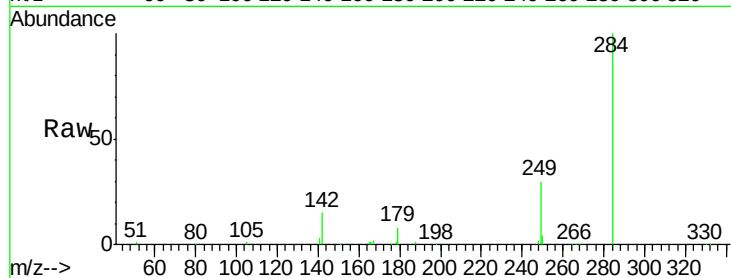




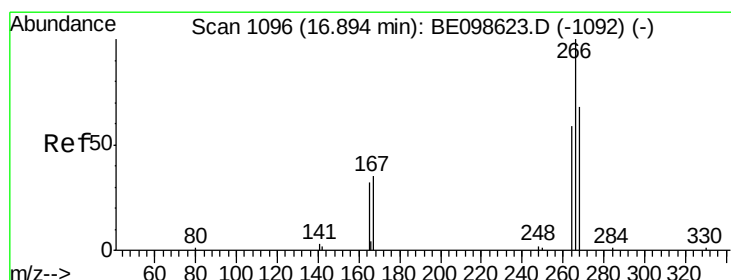
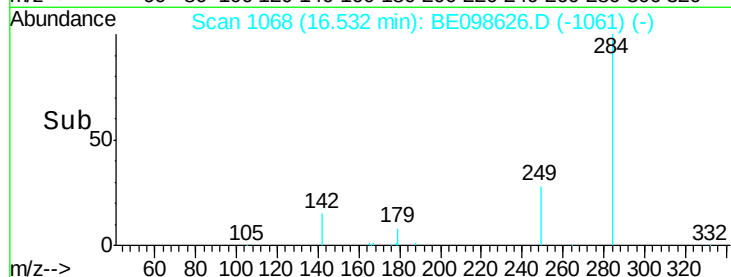
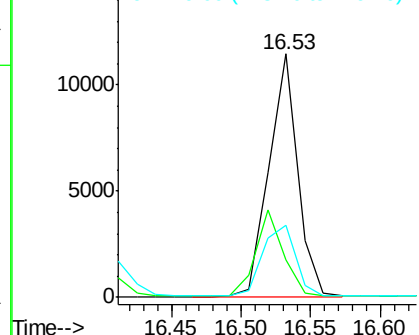
#21  
Hexachlorobenzene  
Concen: 3.578 ng  
RT: 16.53 min Scan# 1068  
Delta R.T. -0.00 min  
Lab File: BE098626.D  
Acq: 15 Jan 2019 13:58

Instrument :  
MSVOA\_W  
ClientSampled :  
SSTDICC3.2

Tgt Ion:284 Resp: 16375  
Ion Ratio Lower Upper  
284 100  
142 34.2 25.5 38.3  
249 33.5 26.6 39.8

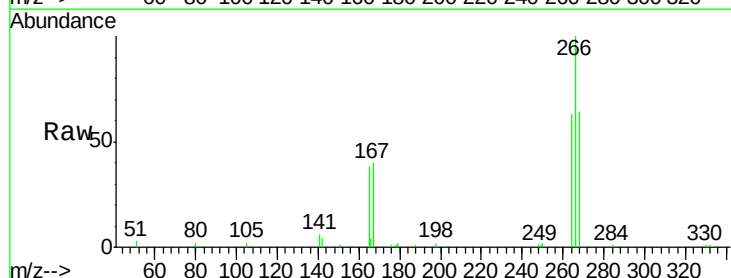


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

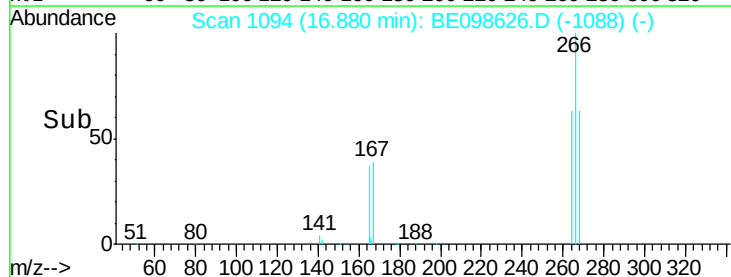
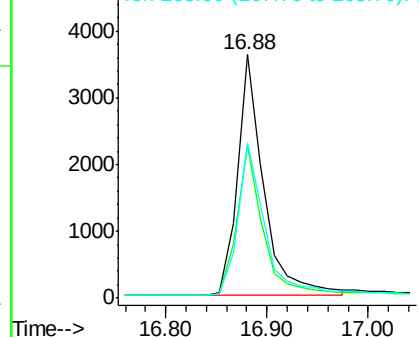


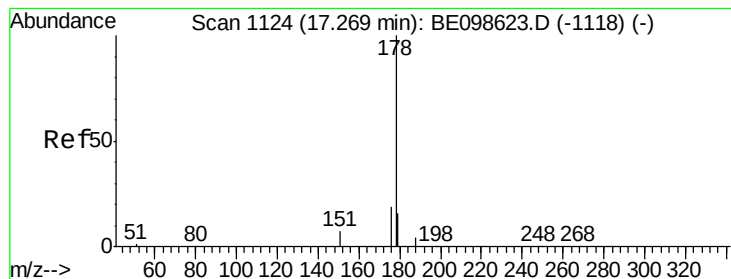
#22  
Pentachlorophenol  
Concen: 7.150 ng  
RT: 16.88 min Scan# 1094  
Delta R.T. -0.01 min  
Lab File: BE098626.D  
Acq: 15 Jan 2019 13:58

Tgt Ion:266 Resp: 6455  
Ion Ratio Lower Upper  
266 100  
264 63.0 53.7 80.5  
268 63.6 59.8 89.8



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: 3.242 ng

RT: 17.26 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BE098626.D

Acq: 15 Jan 2019 13:58

Instrument :

MSVOA\_W

ClientSampleId :

SSTDICC3.2

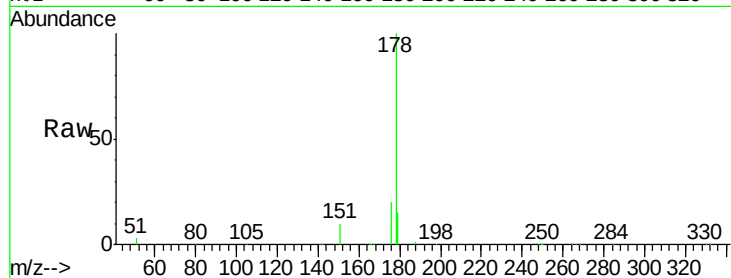
Tgt Ion:178 Resp: 62303

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

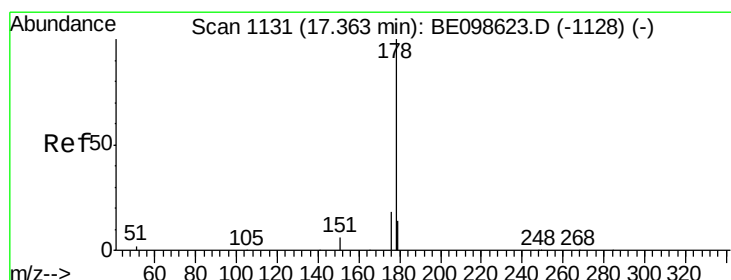
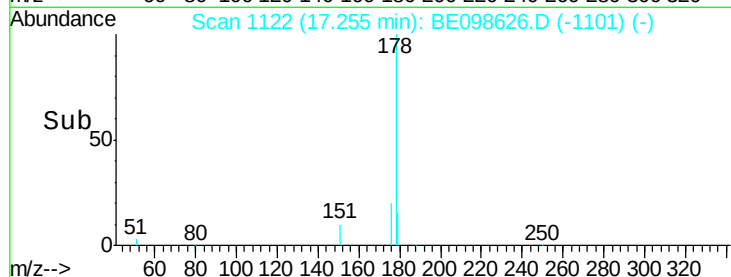
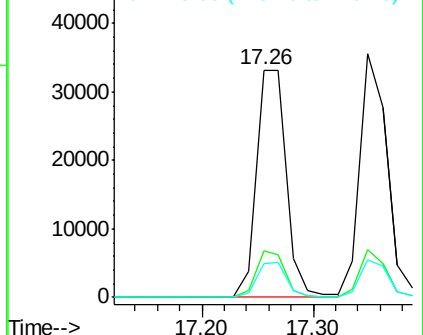
179 15.1 12.2 18.4



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: 3.443 ng

RT: 17.35 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BE098626.D

Acq: 15 Jan 2019 13:58

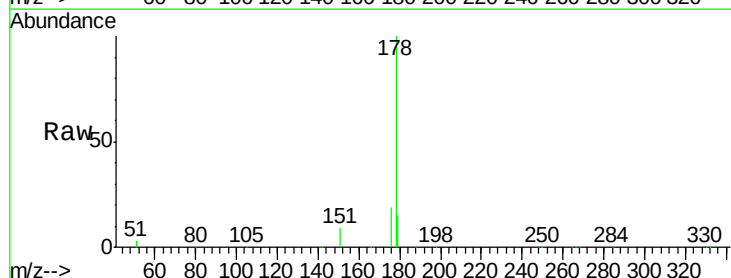
Tgt Ion:178 Resp: 58987

Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

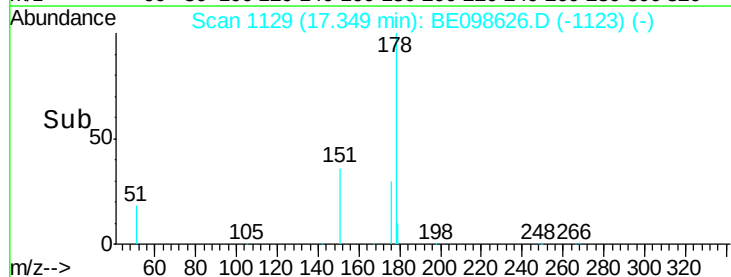
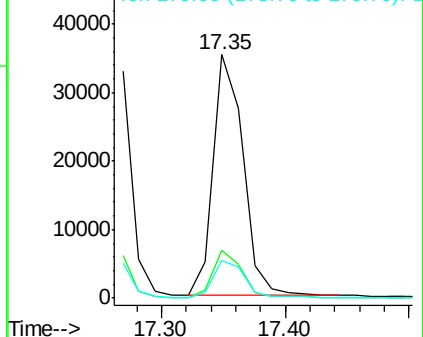
179 15.6 11.8 17.8

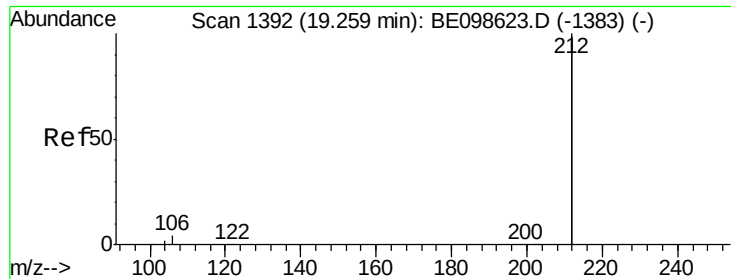


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 3.190 ng

RT: 19.26 min Scan# 1391

Delta R.T. -0.00 min

Lab File: BE098626.D

Acq: 15 Jan 2019 13:58

Instrument :

MSVOA\_W

ClientSampleId :

SSTDICC3.2

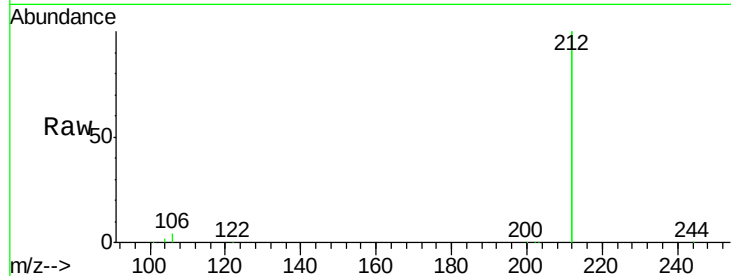
Tgt Ion:212 Resp: 323591

Ion Ratio Lower Upper

212 100

106 2.1 1.7 2.5

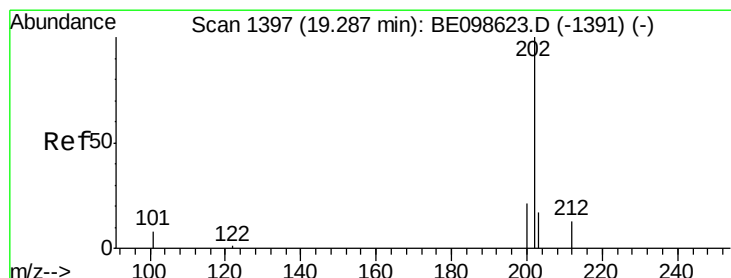
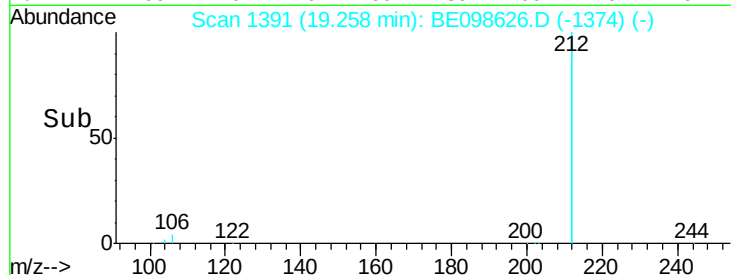
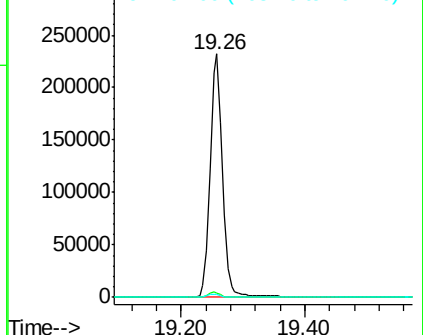
104 1.2 1.0 1.6



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: 3.128 ng

RT: 19.29 min Scan# 1396

Delta R.T. -0.00 min

Lab File: BE098626.D

Acq: 15 Jan 2019 13:58

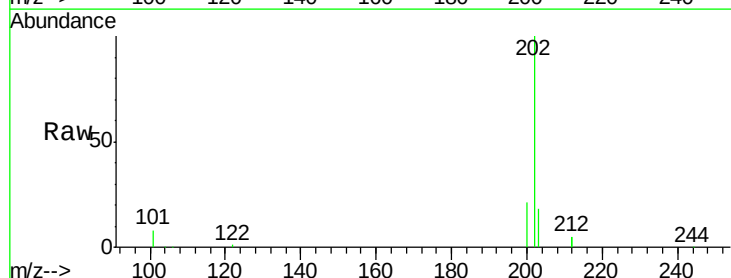
Tgt Ion:202 Resp: 79532

Ion Ratio Lower Upper

202 100

101 8.2 6.7 10.1

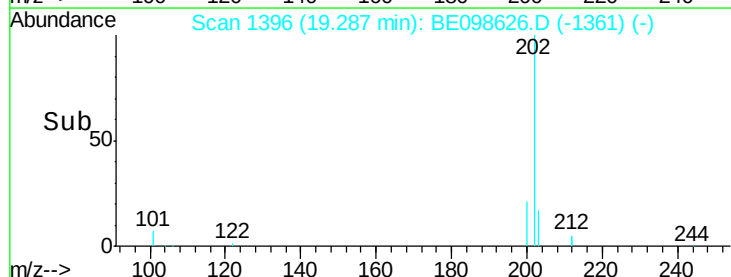
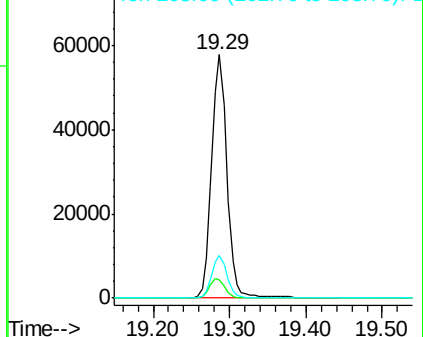
203 17.2 13.3 19.9

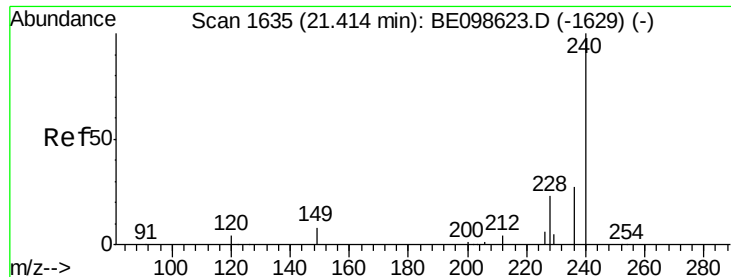


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.41 min Scan# 1634

Delta R.T. 0.00 min

Lab File: BE098626.D

Acq: 15 Jan 2019 13:58

Instrument :

MSVOA\_W

ClientSampleId :

SSTDICC3.2

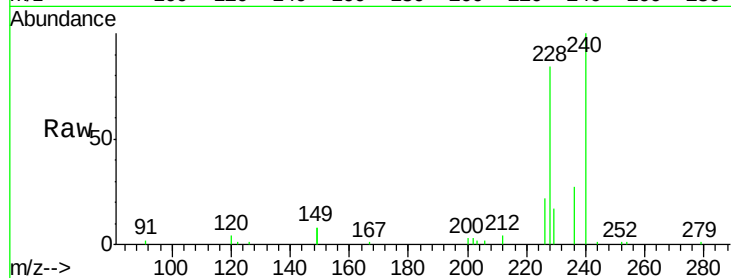
Tgt Ion:240 Resp: 9458

Ion Ratio Lower Upper

240 100

120 4.2 4.7 7.1#

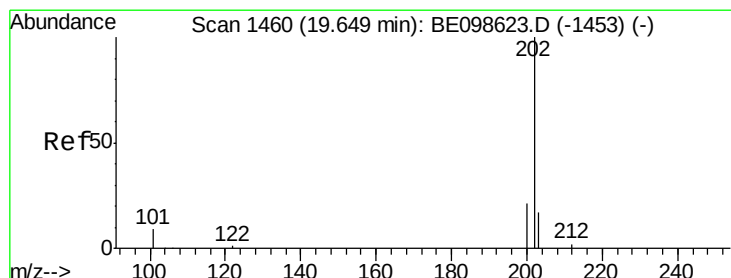
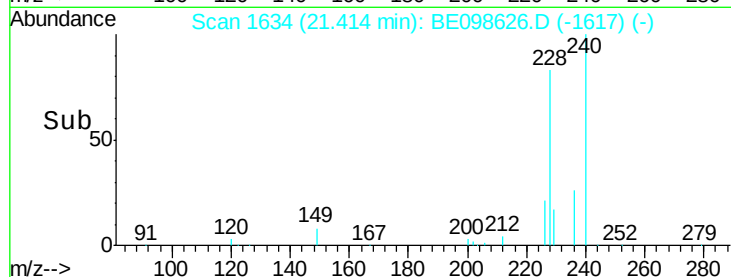
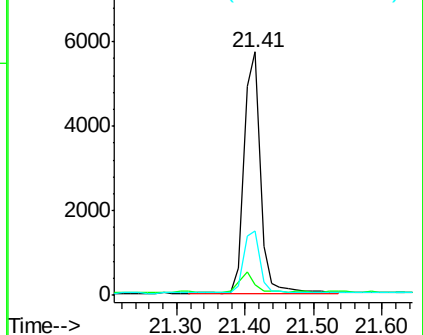
236 26.5 21.9 32.9



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: 2.779 ng

RT: 19.65 min Scan# 1459

Delta R.T. -0.00 min

Lab File: BE098626.D

Acq: 15 Jan 2019 13:58

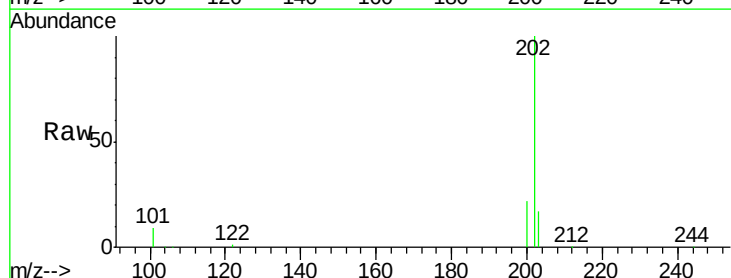
Tgt Ion:202 Resp: 82459

Ion Ratio Lower Upper

202 100

200 21.6 17.0 25.6

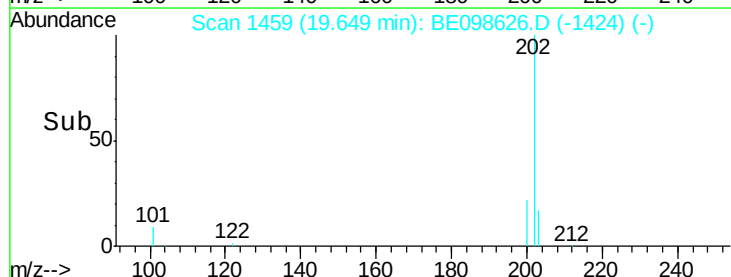
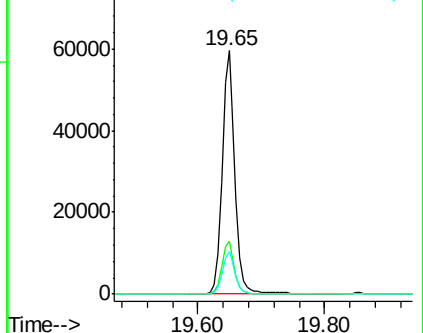
203 17.4 13.8 20.8



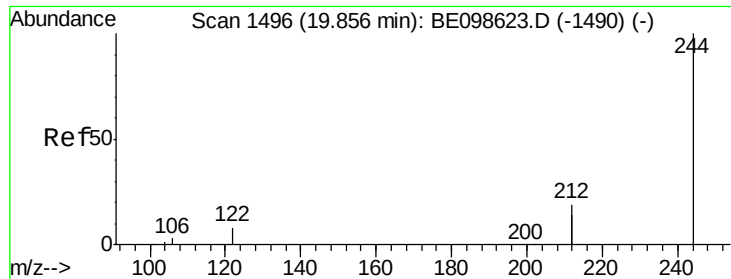
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E







#29

Terphenyl-d14

Concen: 2.865 ng

RT: 19.86 min Scan# 1495

Delta R.T. -0.00 min

Lab File: BE098626.D

Acq: 15 Jan 2019 13:58

Instrument :

MSVOA\_W

ClientSampleId :

SSTDICC3.2

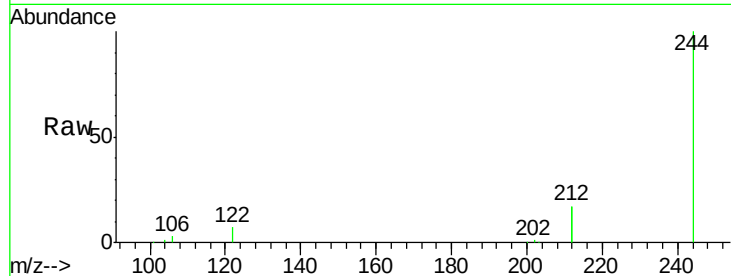
Tgt Ion:244 Resp: 65844

Ion Ratio Lower Upper

244 100

212 33.2 29.4 44.2

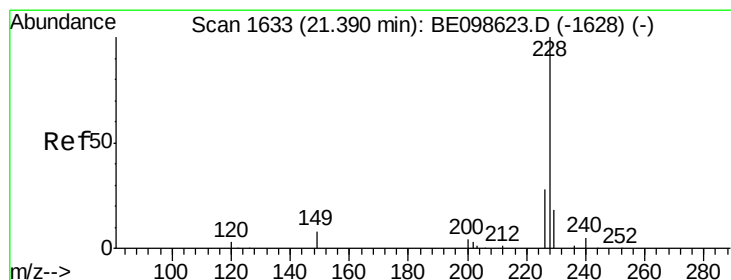
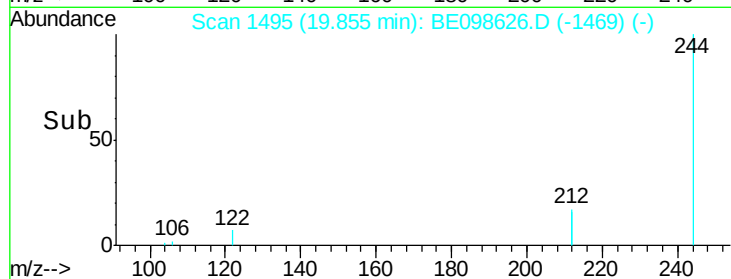
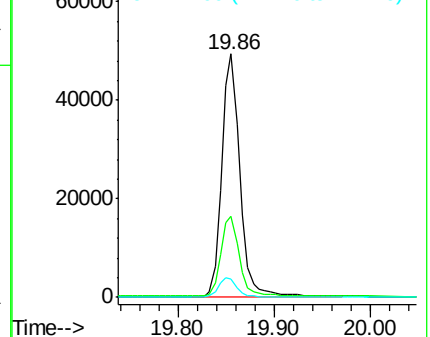
122 7.4 7.1 10.7



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: 3.087 ng

RT: 21.39 min Scan# 1632

Delta R.T. 0.00 min

Lab File: BE098626.D

Acq: 15 Jan 2019 13:58

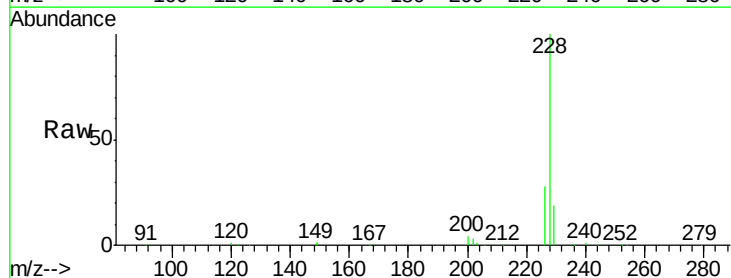
Tgt Ion:228 Resp: 83151

Ion Ratio Lower Upper

228 100

226 27.9 23.0 34.4

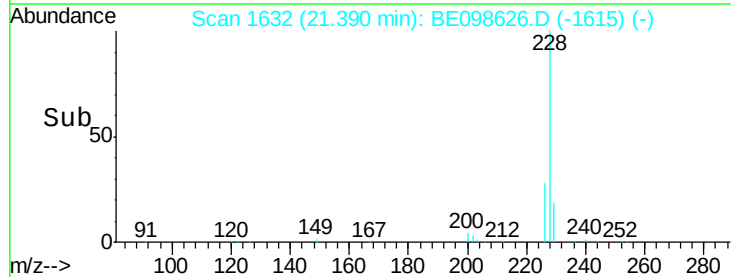
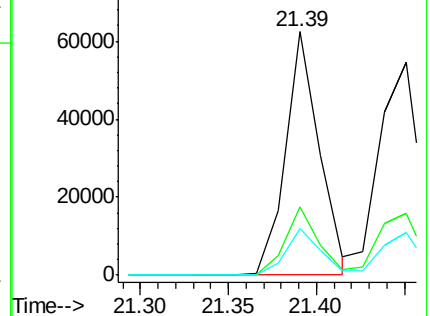
229 19.4 15.0 22.6

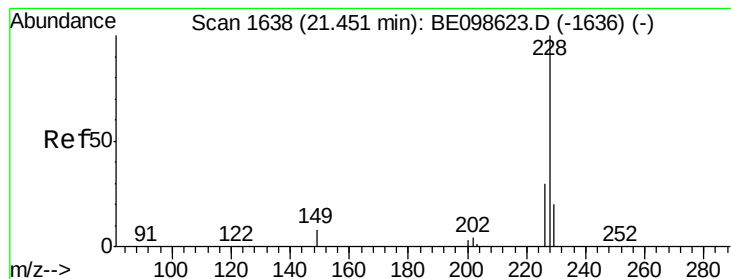


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 3.070 ng

RT: 21.45 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BE098626.D

Acq: 15 Jan 2019 13:58

Instrument :

MSVOA\_W

ClientSampled :

SSTDICC3.2

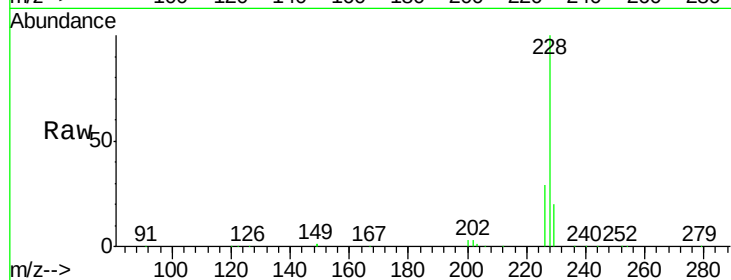
Tgt Ion:228 Resp: 86597

Ion Ratio Lower Upper

228 100

226 29.1 24.6 36.8

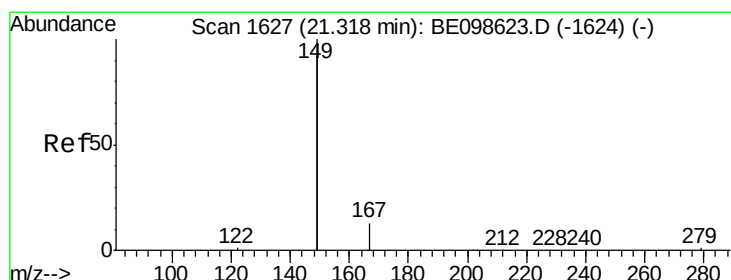
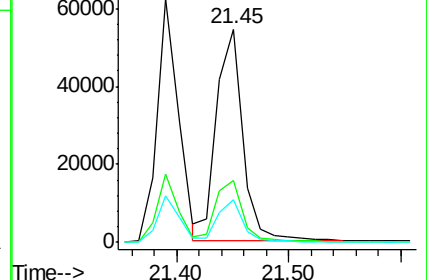
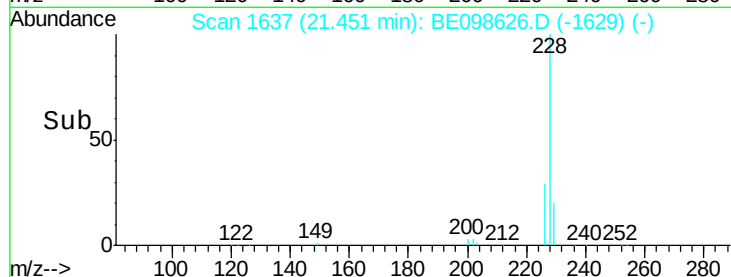
229 20.0 16.4 24.6



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: 3.241 ng

RT: 21.32 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BE098626.D

Acq: 15 Jan 2019 13:58

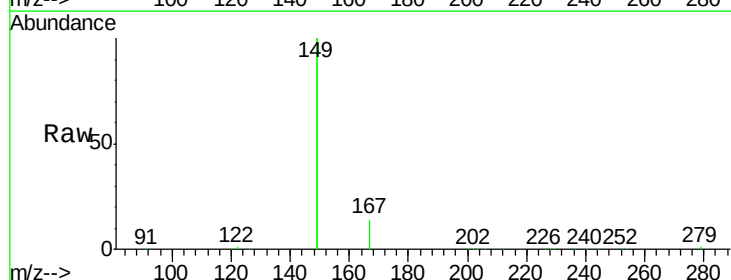
Tgt Ion:149 Resp: 177294

Ion Ratio Lower Upper

149 100

167 6.7 5.4 8.2

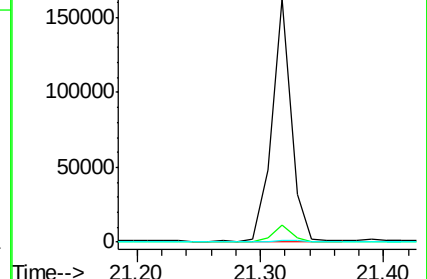
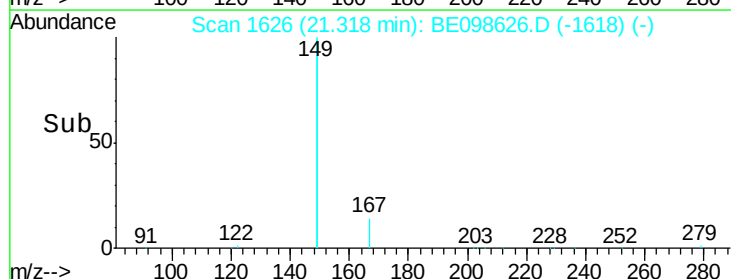
279 1.1 1.0 1.4

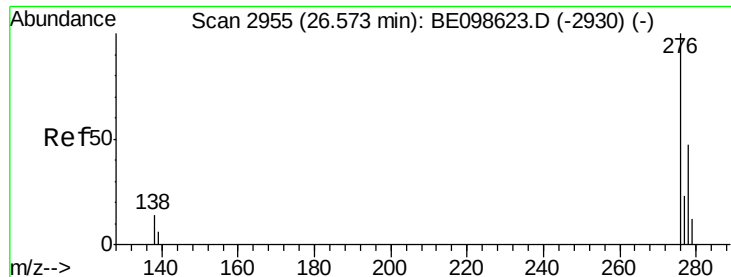


Abundance Ion 149.00 (148.70 to 149.70): E

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: 3.225 ng

RT: 26.56 min Scan# 2951

Delta R.T. -0.01 min

Lab File: BE098626.D

Acq: 15 Jan 2019 13:58

Instrument :

MSVOA\_W

ClientSampleId :

SSTDICC3.2

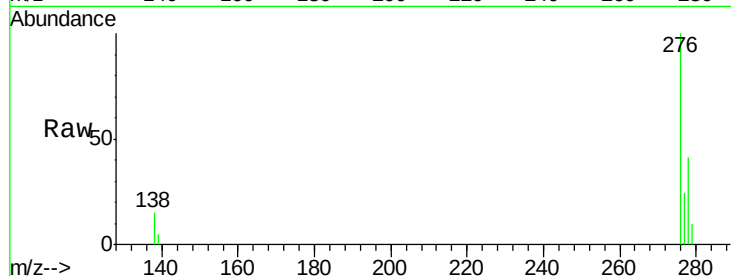
Tgt Ion:276 Resp: 90529

Ion Ratio Lower Upper

276 100

138 16.6 13.3 19.9

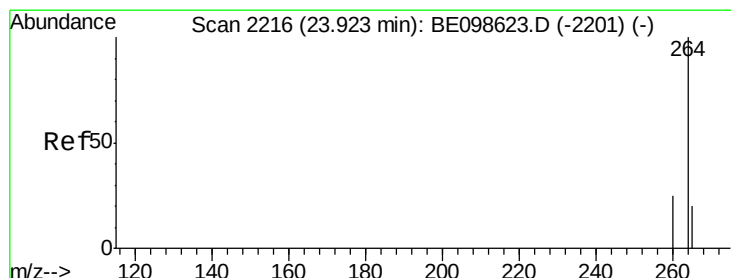
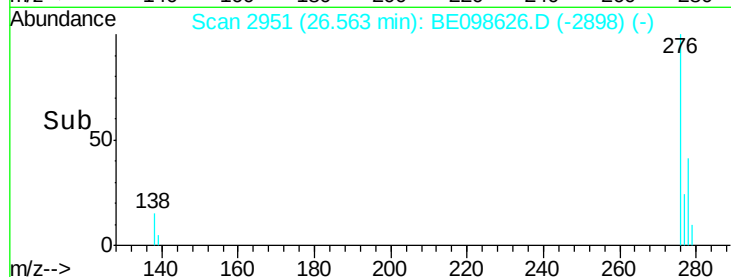
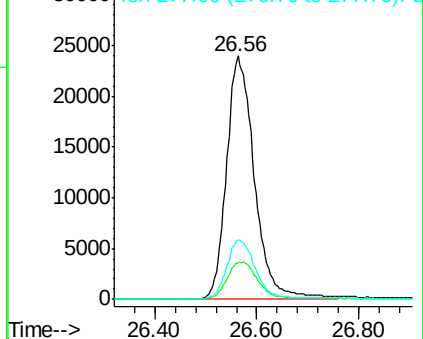
277 24.6 19.4 29.0



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: 23.92 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BE098626.D

Acq: 15 Jan 2019 13:58

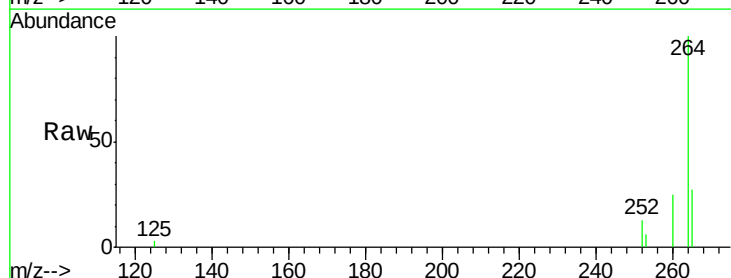
Tgt Ion:264 Resp: 8796

Ion Ratio Lower Upper

264 100

260 25.2 20.5 30.7

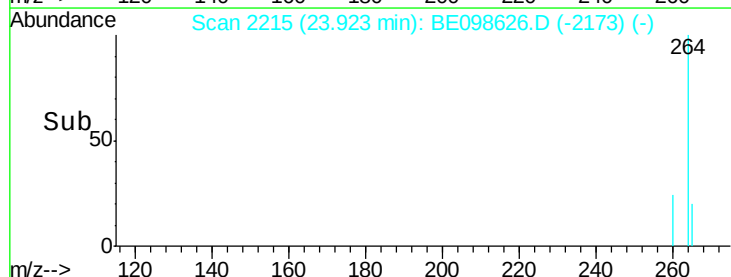
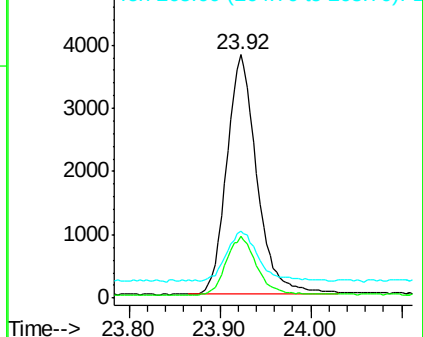
265 27.3 22.3 33.5

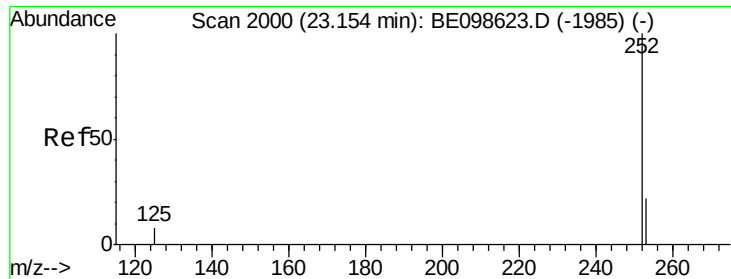


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 3.307 ng

RT: 23.15 min Scan# 1998

Delta R.T. -0.00 min

Lab File: BE098626.D

Acq: 15 Jan 2019 13:58

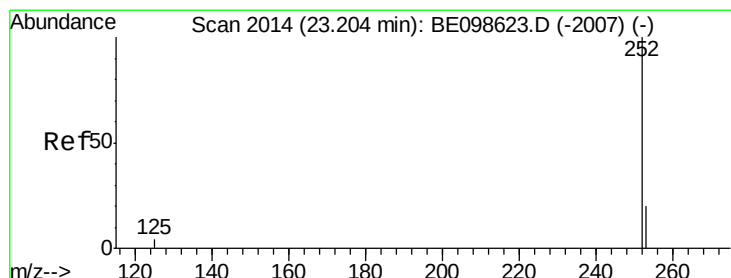
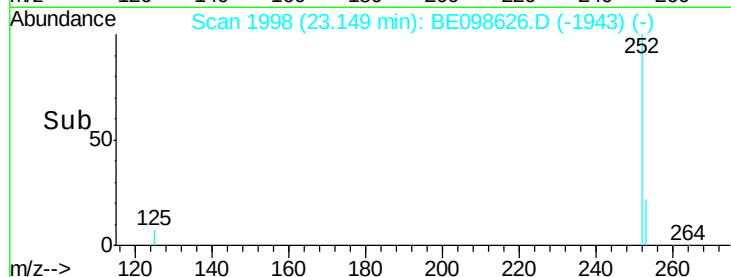
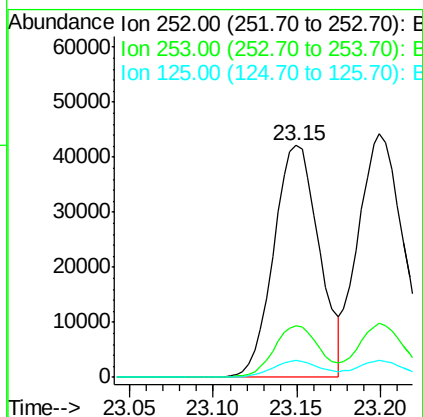
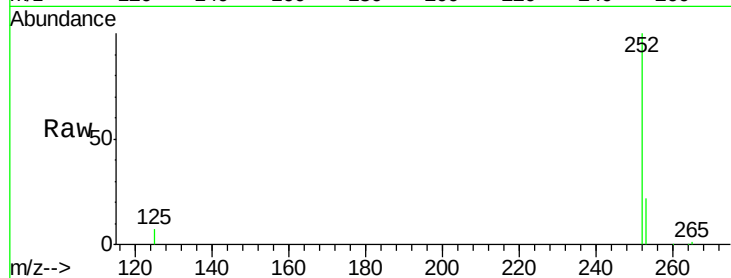
Instrument :

MSVOA\_W

ClientSampleId :

SSTDICC3.2

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 252   | Resp: | 79557 |
| Ion      | Ratio | Lower | Upper |
| 252      | 100   |       |       |
| 253      | 22.2  | 19.4  | 29.0  |
| 125      | 7.2   | 8.2   | 12.4# |



#36

Benzo(k)fluoranthene

Concen: 2.839 ng

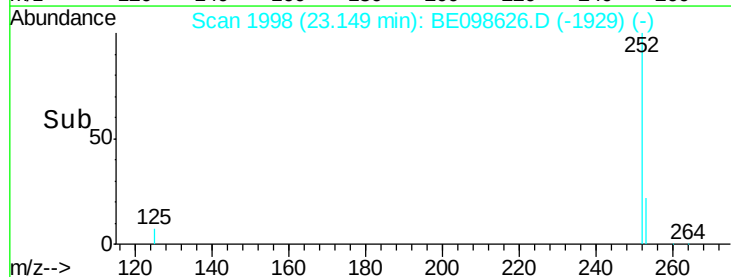
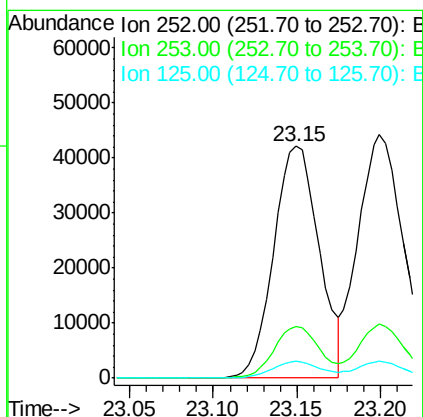
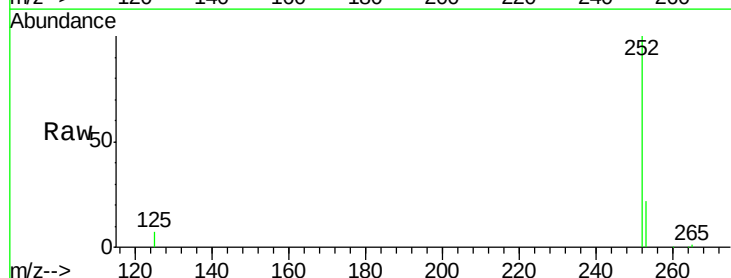
RT: 23.15 min Scan# 1998

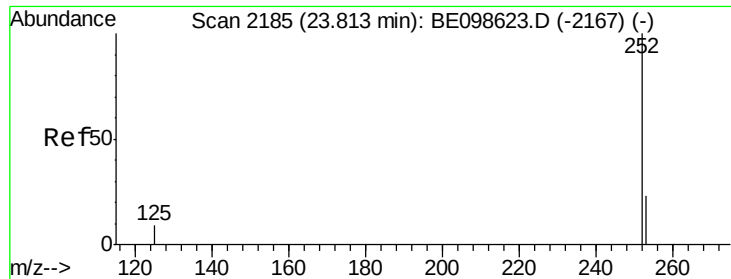
Delta R.T. -0.05 min

Lab File: BE098626.D

Acq: 15 Jan 2019 13:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 252   | Resp: | 79557 |
| Ion      | Ratio | Lower | Upper |
| 252      | 100   |       |       |
| 253      | 22.2  | 19.0  | 28.4  |
| 125      | 7.2   | 7.0   | 10.4  |





#37

Benzo(a)pyrene

Concen: 3.169 ng

RT: 23.81 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BE098626.D

Acq: 15 Jan 2019 13:58

Instrument :

MSVOA\_W

ClientSampleId :

SSTDICC3.2

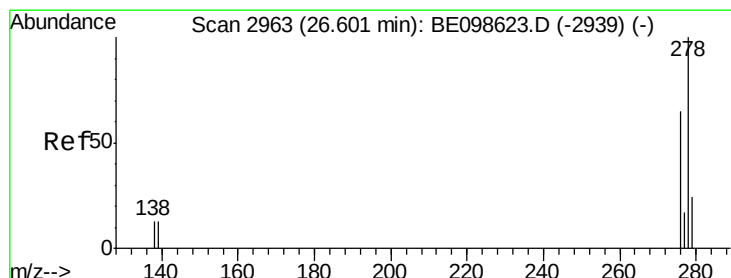
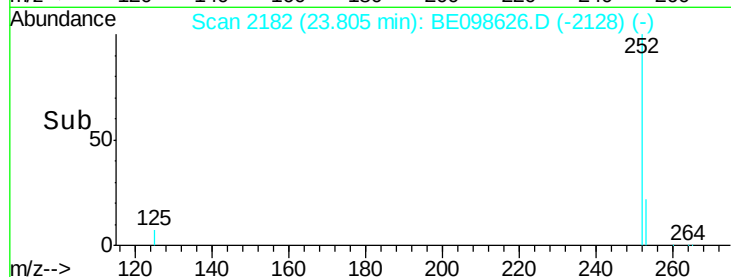
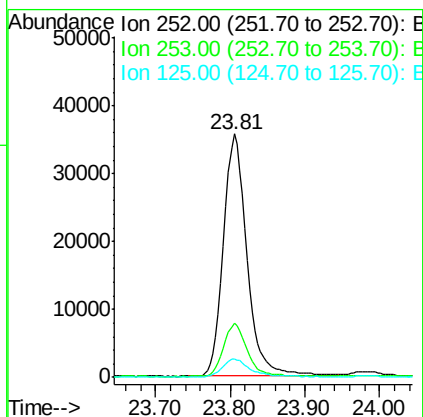
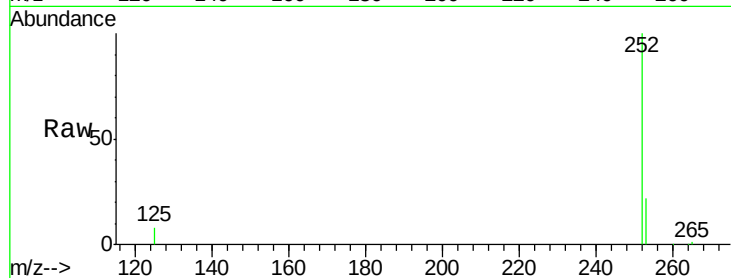
Tgt Ion:252 Resp: 78643

Ion Ratio Lower Upper

252 100

253 22.2 21.0 31.4

125 7.7 9.2 13.8#



#38

Dibenzo(a,h)anthracene

Concen: 3.208 ng

RT: 26.59 min Scan# 2958

Delta R.T. -0.01 min

Lab File: BE098626.D

Acq: 15 Jan 2019 13:58

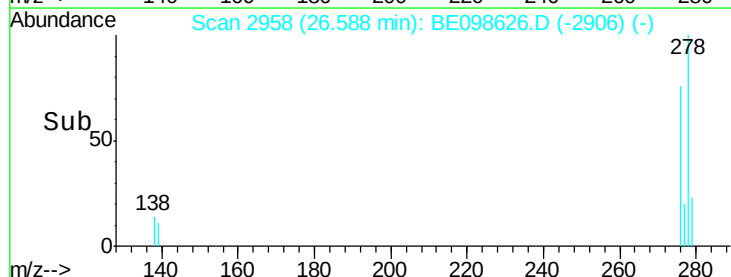
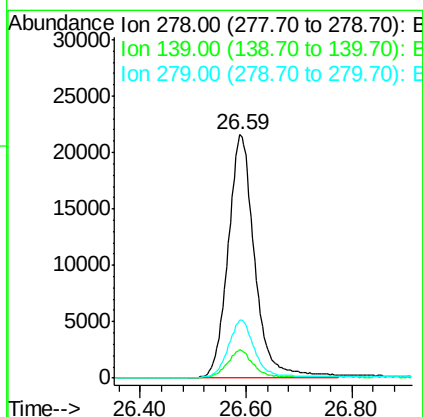
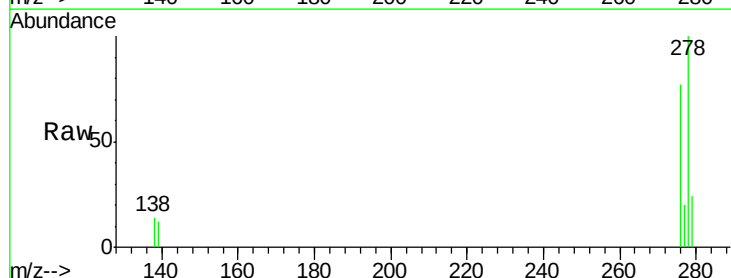
Tgt Ion:278 Resp: 75003

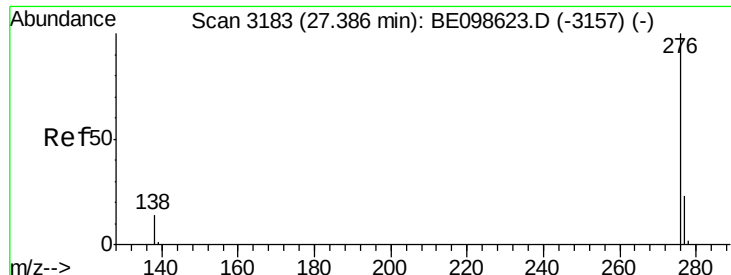
Ion Ratio Lower Upper

278 100

139 11.5 12.7 19.1#

279 23.7 22.0 33.0





#39

Benzo(g,h,i)perylene

Concen: 3.204 ng

RT: 27.38 min Scan# 3179

Delta R.T. -0.01 min

Lab File: BE098626.D

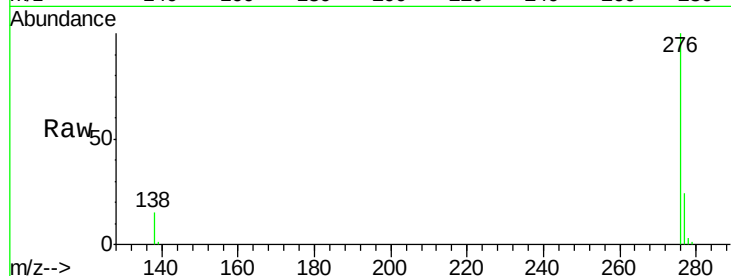
Acq: 15 Jan 2019 13:58

Instrument :

MSVOA\_W

ClientSampleId :

SSTDICC3.2



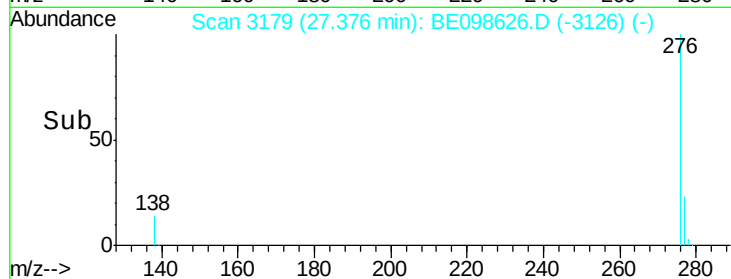
Tgt Ion: 276 Resp: 75487

Ion Ratio Lower Upper

276 100

277 23.7 20.3 30.5

138 14.6 13.3 19.9



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

