

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE102418\  
 Data File : BE098033.D  
 Acq On : 24 Oct 2018 10:47  
 Operator : SJ/JU  
 Sample : SSTDICC0.2  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.2

Quant Time: Oct 24 11:57:52 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE102418.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 24 11:55:09 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.88  | 152  | 1161     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.68 | 136  | 5558     | 0.40 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.54 | 164  | 3712     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.29 | 188  | 8933     | 0.40 | ng    | 0.00     |
| 27) Chrysene-d12          | 21.47 | 240  | 10635    | 0.40 | ng    | 0.00     |
| 34) Perylene-d12          | 24.03 | 264  | 10600    | 0.40 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Fluorophenol           | 5.47  | 112  | 728      | 0.20 | ng    | 0.00     |
| 5) Phenol-d6                | 7.06  | 99   | 1198     | 0.22 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 9.03  | 82   | 1237     | 0.24 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10 | 12.28 | 152  | 2023     | 0.22 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 16.04 | 330  | 409      | 0.20 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl        | 13.16 | 172  | 3369     | 0.22 | ng    | 0.00     |
| 25) Fluoranthene-d10        | 19.33 | 212  | 24052    | 0.20 | ng    | 0.00     |
| 29) Terphenyl-d14           | 19.92 | 244  | 5390     | 0.22 | ng    | 0.00     |

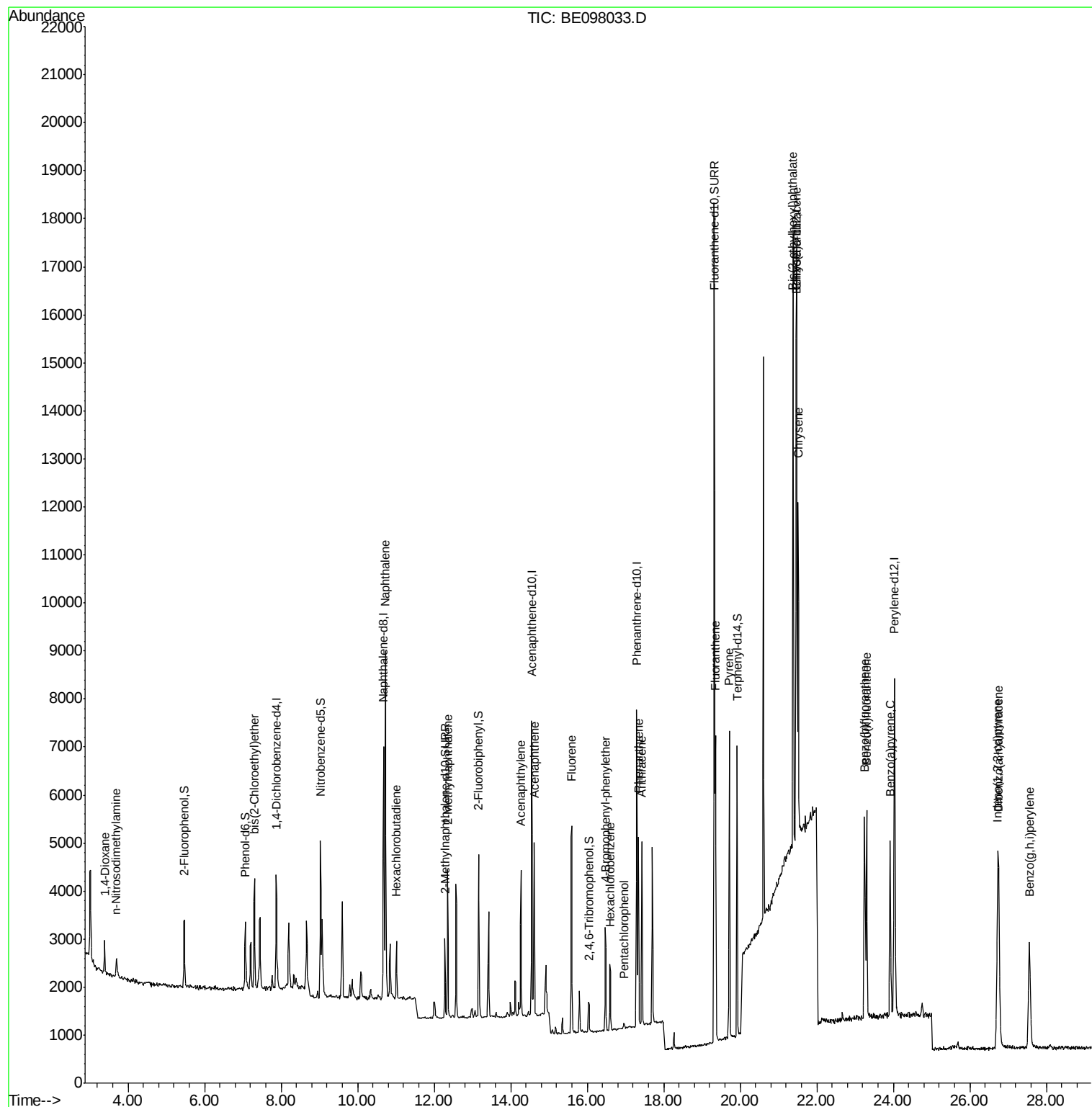
| Target Compounds               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|-------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 3.38  | 88   | 418      | 0.206 | ng    | 90     |
| 3) n-Nitrosodimethylamine      | 3.69  | 42   | 462      | 0.204 | ng    | # 77   |
| 6) bis(2-Chloroethyl)ether     | 7.30  | 93   | 768      | 0.167 | ng    | 84     |
| 9) Naphthalene                 | 10.73 | 128  | 11163    | 0.202 | ng    | 99     |
| 10) Hexachlorobutadiene        | 11.02 | 225  | 794      | 0.266 | ng    | 95     |
| 12) 2-Methylnaphthalene        | 12.35 | 142  | 1980     | 0.209 | ng    | 93     |
| 16) Acenaphthylene             | 14.27 | 152  | 3557     | 0.207 | ng    | 99     |
| 17) Acenaphthene               | 14.61 | 154  | 2119     | 0.202 | ng    | 99     |
| 18) Fluorene                   | 15.59 | 166  | 2823     | 0.196 | ng    | 97     |
| 20) 4-Bromophenyl-phenylether  | 16.48 | 248  | 1110     | 0.227 | ng    | # 80   |
| 21) Hexachlorobenzene          | 16.60 | 284  | 1190     | 0.248 | ng    | 98     |
| 22) Pentachlorophenol          | 16.97 | 266  | 84       | 0.061 | ng    | # 72   |
| 23) Phenanthrene               | 17.34 | 178  | 4635     | 0.204 | ng    | 99     |
| 24) Anthracene                 | 17.42 | 178  | 4440     | 0.207 | ng    | 99     |
| 26) Fluoranthene               | 19.36 | 202  | 5692     | 0.191 | ng    | 97     |
| 28) Pyrene                     | 19.71 | 202  | 6079     | 0.198 | ng    | 99     |
| 30) Benzo(a)anthracene         | 21.46 | 228  | 6587     | 0.202 | ng    | 98     |
| 31) Chrysene                   | 21.51 | 228  | 6325     | 0.205 | ng    | 98     |
| 32) Bis(2-ethylhexyl)phthalate | 21.38 | 149  | 15821    | 0.208 | ng    | # 100  |
| 33) Indeno(1,2,3-cd)pyrene     | 26.72 | 276  | 6959     | 0.210 | ng    | 96     |
| 35) Benzo(b)fluoranthene       | 23.25 | 252  | 6131     | 0.201 | ng    | 97     |
| 36) Benzo(k)fluoranthene       | 23.30 | 252  | 6210     | 0.195 | ng    | 97     |
| 37) Benzo(a)pyrene             | 23.92 | 252  | 5993     | 0.202 | ng    | 95     |
| 38) Dibenzo(a,h)anthracene     | 26.76 | 278  | 5786     | 0.199 | ng    | 97     |
| 39) Benzo(g,h,i)perylene       | 27.55 | 276  | 5792     | 0.194 | ng    | 99     |

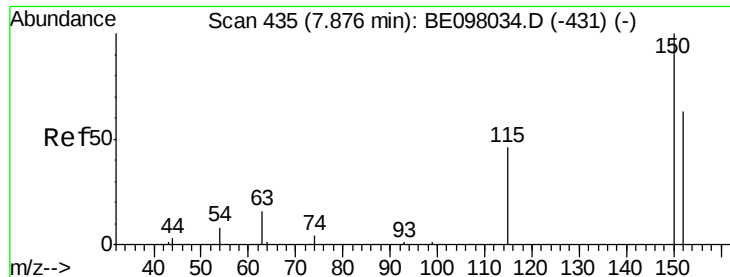
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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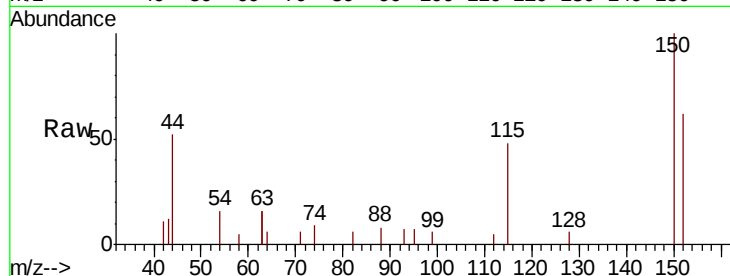


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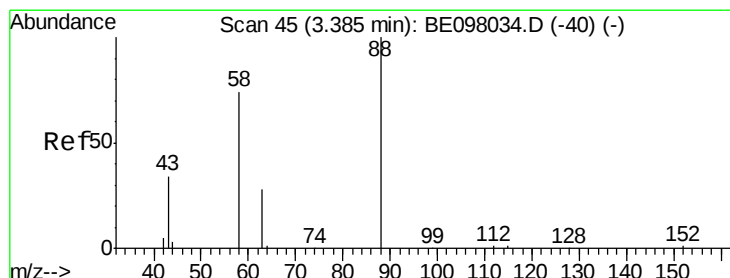
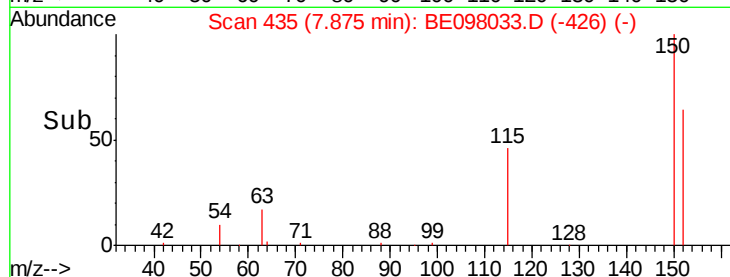
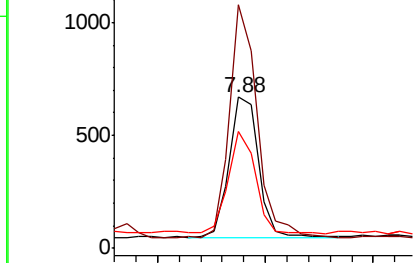
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.88 min Scan# 435  
Delta R.T. -0.00 min  
Lab File: BE098033.D  
Acq: 24 Oct 2018 10:47

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.2

Tot Ion:152 Resp: 1161  
Ion Ratio Lower Upper  
152 100  
150 161.4 118.2 177.4  
115 77.5 50.9 76.3#



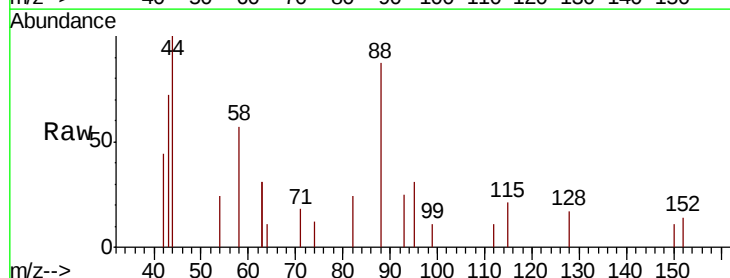
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



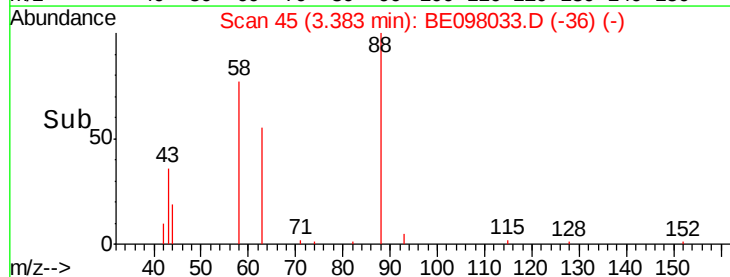
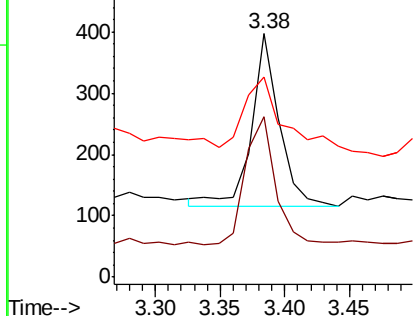
#2

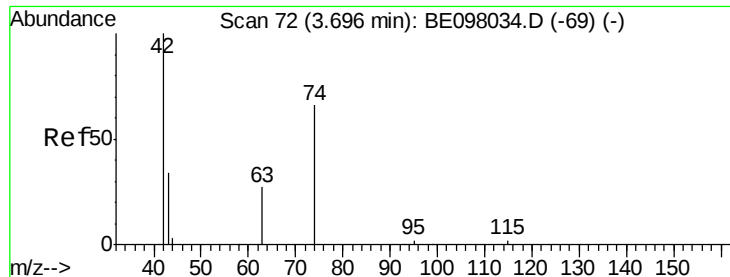
1,4-Dioxane  
Concen: 0.206 ng  
RT: 3.38 min Scan# 45  
Delta R.T. -0.00 min  
Lab File: BE098033.D  
Acq: 24 Oct 2018 10:47

Tgt Ion: 88 Resp: 418  
Ion Ratio Lower Upper  
88 100  
58 81.6 73.2 109.8  
43 52.6 36.9 55.3



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



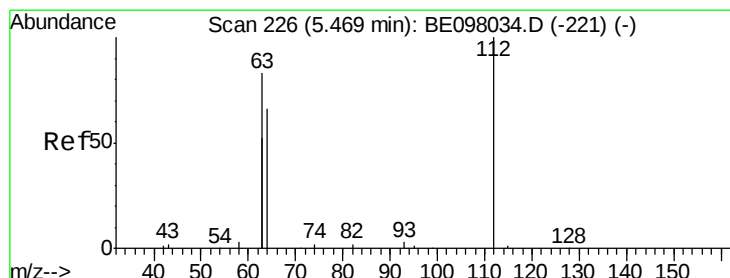
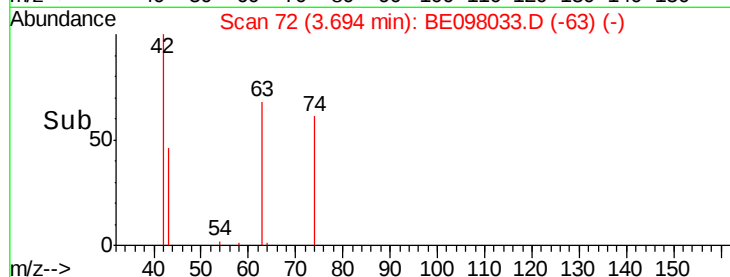
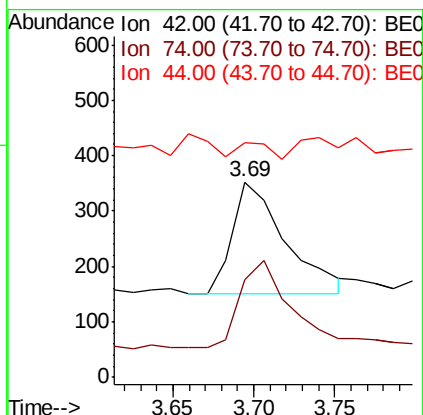
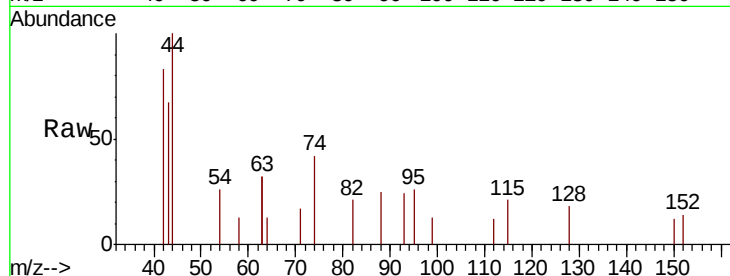


#3

n-Nitrosodimethylamine  
 Concen: 0.204 ng  
 RT: 3.69 min Scan# 72  
 Delta R.T. -0.00 min  
 Lab File: BE098033.D  
 Acq: 24 Oct 2018 10:47

Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.2

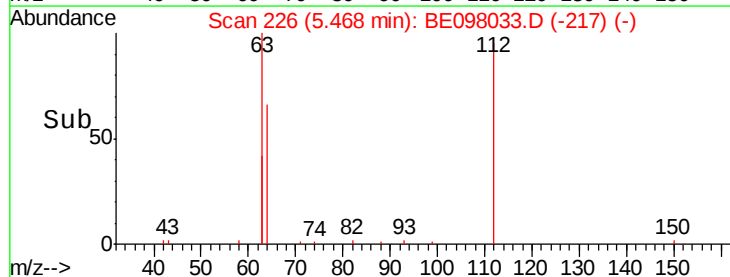
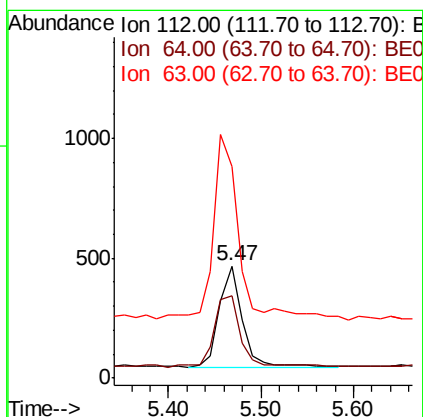
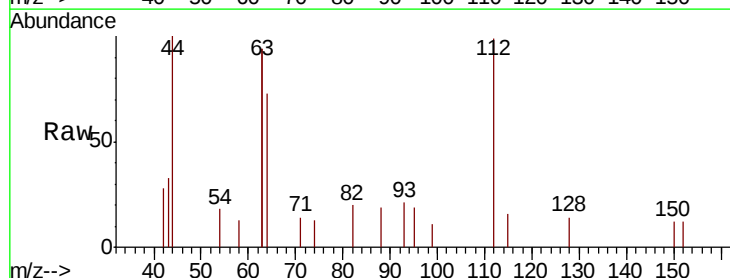
Tot Ion: 42 Resp: 462  
 Ion Ratio Lower Upper  
 42 100  
 74 72.9 77.6 116.4#  
 44 8.2 7.6 11.4

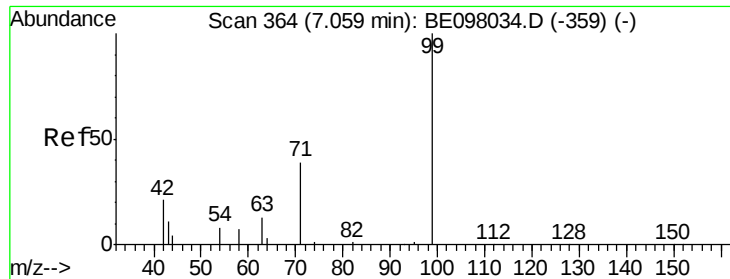


#4

2-Fluorophenol  
 Concen: 0.199 ng  
 RT: 5.47 min Scan# 226  
 Delta R.T. -0.00 min  
 Lab File: BE098033.D  
 Acq: 24 Oct 2018 10:47

Tgt Ion: 112 Resp: 728  
 Ion Ratio Lower Upper  
 112 100  
 64 82.8 58.9 88.3  
 63 182.0 120.3 180.5#





#5

Phenol-d6

Concen: 0.221 ng

RT: 7.06 min Scan# 364

Delta R.T. -0.00 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.2

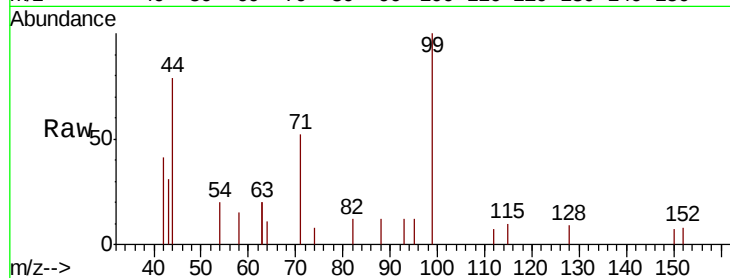
Tot Ion: 99 Resp: 1198

Ion Ratio Lower Upper

99 100

42 36.8 19.9 29.9#

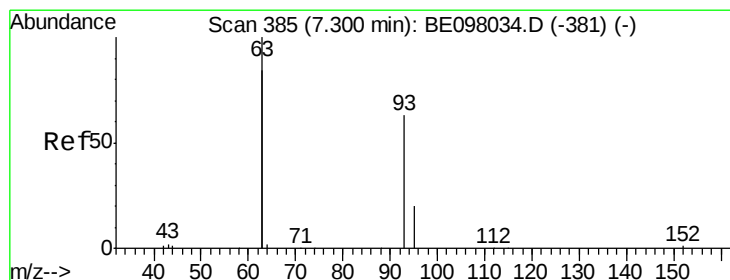
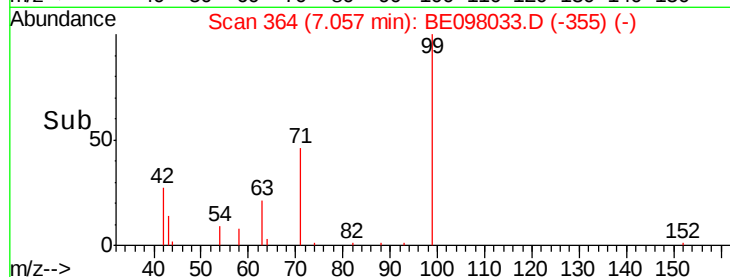
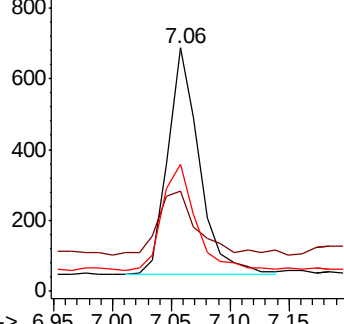
71 49.2 27.8 41.8#



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: 0.167 ng

RT: 7.30 min Scan# 385

Delta R.T. -0.00 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

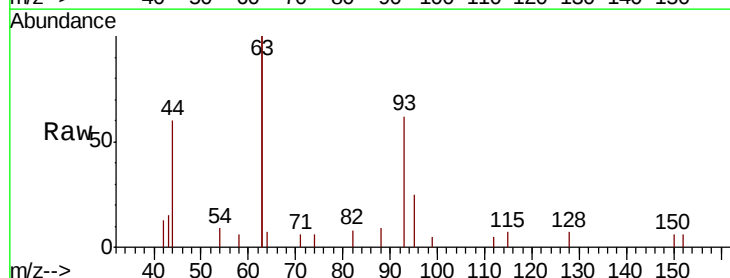
Tgt Ion: 93 Resp: 768

Ion Ratio Lower Upper

93 100

63 360.3 259.0 388.4

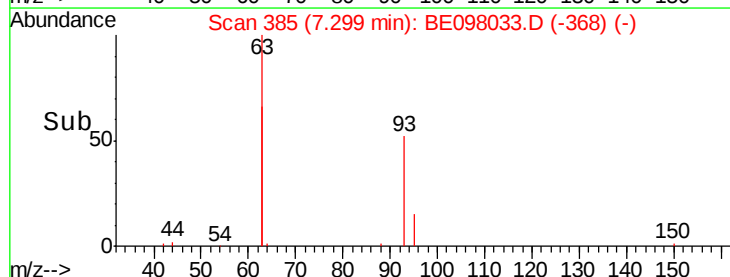
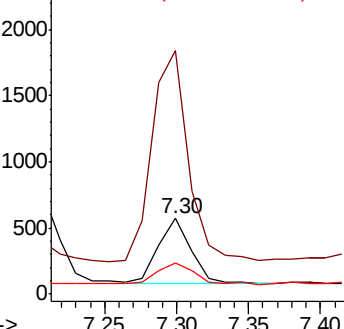
95 36.7 27.8 41.8

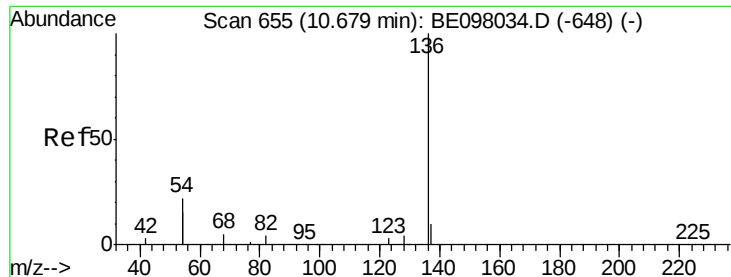


Abundance Ion 93.00 (92.70 to 93.70): BE0

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: 10.68 min Scan# 655

Delta R.T. 0.00 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.2

Tot Ion:136 Resp: 5558

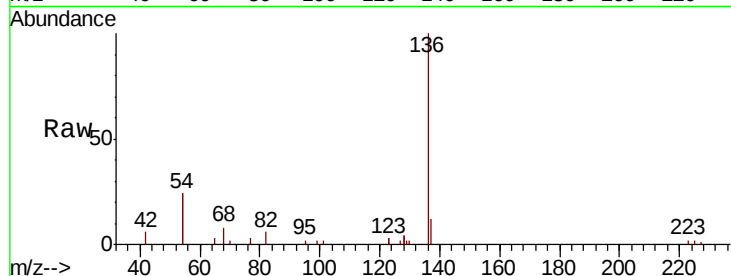
Ion Ratio Lower Upper

136 100

137 12.3 9.6 14.4

54 47.1 27.7 41.5#

68 8.0 5.3 7.9#

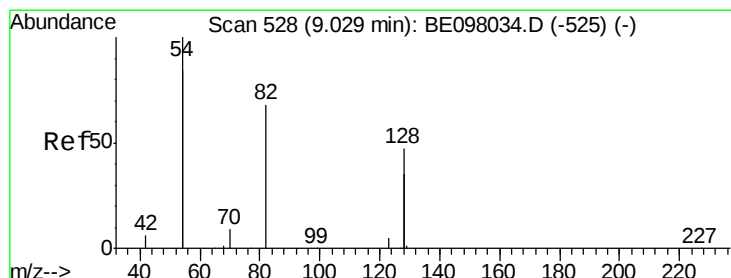
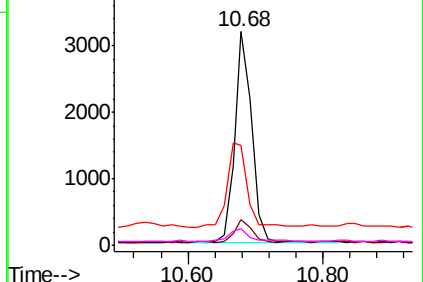
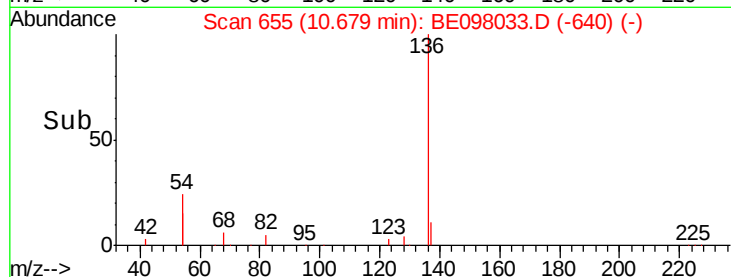


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.235 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.00 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

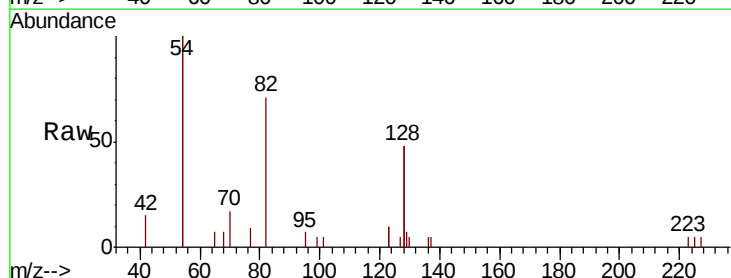
Tgt Ion: 82 Resp: 1237

Ion Ratio Lower Upper

82 100

128 135.8 129.9 194.9

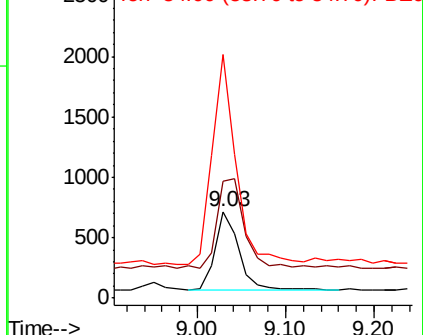
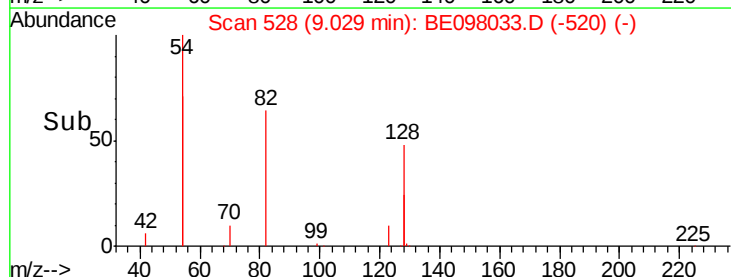
54 281.6 174.0 261.0#

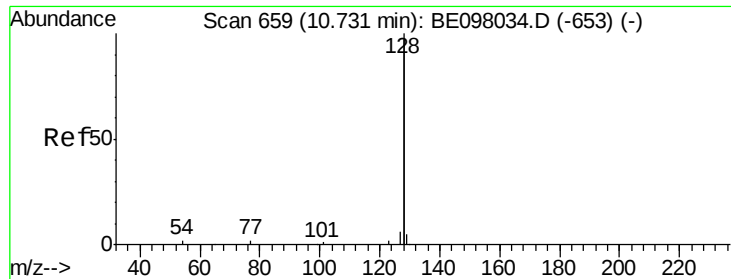


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.202 ng

RT: 10.73 min Scan# 659

Delta R.T. 0.00 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

Instrument :

BNA\_E

ClientSampleId :

SSTDICC0.2

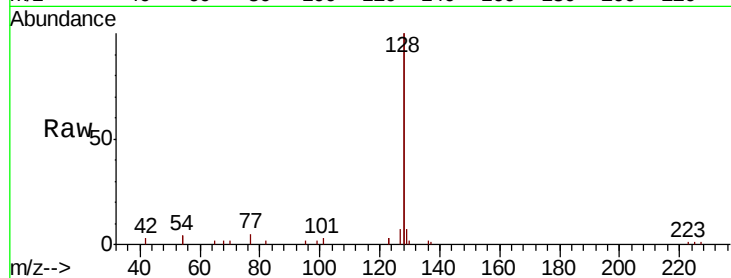
Tot Ion:128 Resp: 11163

Ion Ratio Lower Upper

128 100

129 3.5 2.5 3.7

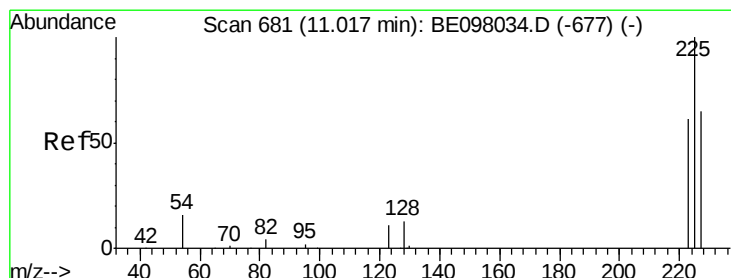
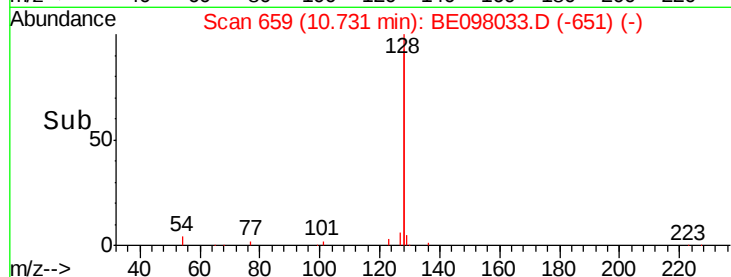
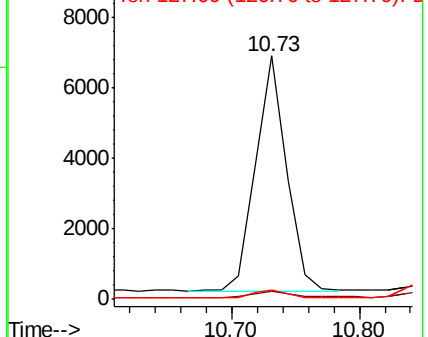
127 3.7 2.8 4.2



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: 0.266 ng

RT: 11.02 min Scan# 681

Delta R.T. 0.00 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

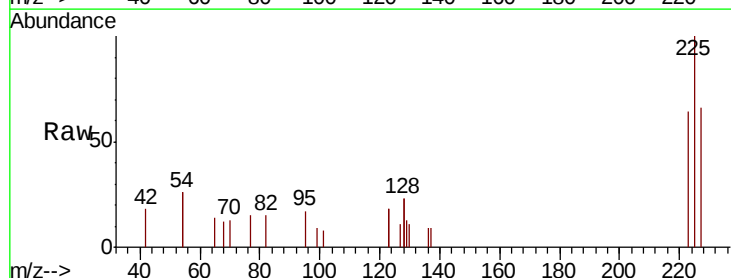
Tgt Ion:225 Resp: 794

Ion Ratio Lower Upper

225 100

223 61.0 51.8 77.8

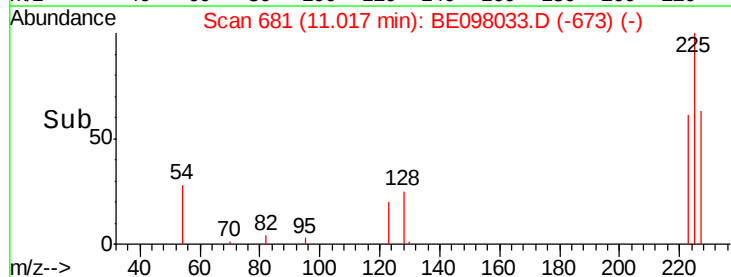
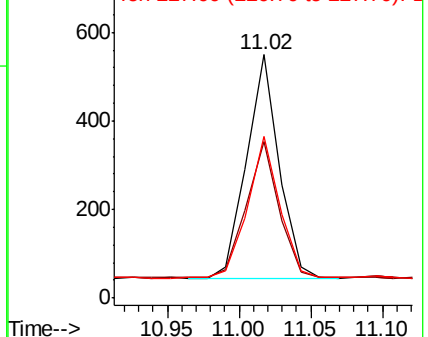
227 62.8 53.0 79.6

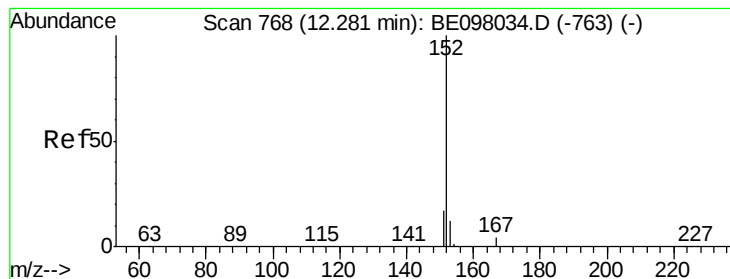


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.219 ng

RT: 12.28 min Scan# 768

Delta R.T. -0.00 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

Instrument :

BNA\_E

ClientSampleId :

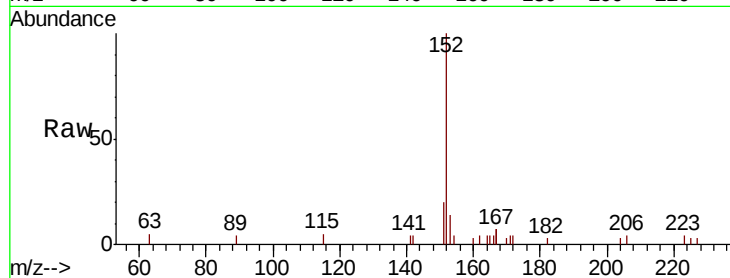
SSTDIC0.2

Tot Ion:152 Resp: 2023

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.28

1500

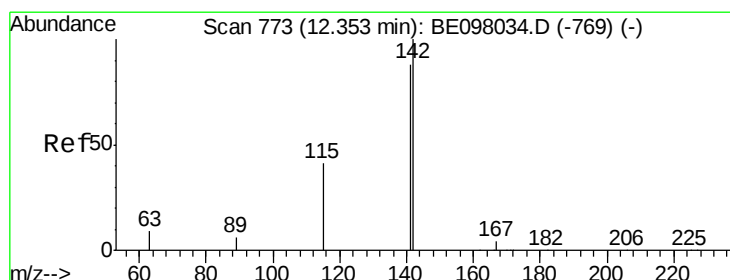
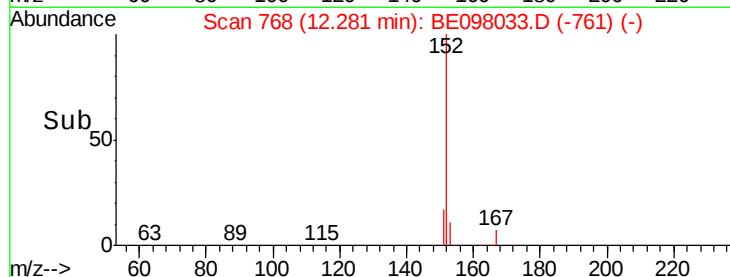
1000

500

0

12.20 12.30 12.40

Time-->



#12

2-Methylnaphthalene

Concen: 0.209 ng

RT: 12.35 min Scan# 773

Delta R.T. -0.00 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

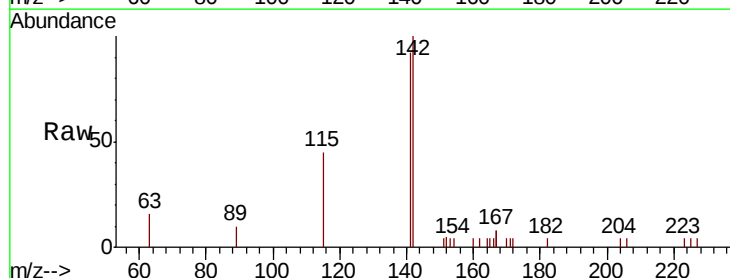
Tgt Ion:142 Resp: 1980

Ion Ratio Lower Upper

142 100

141 91.5 69.8 104.6

115 45.4 30.5 45.7



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

12.35

1500

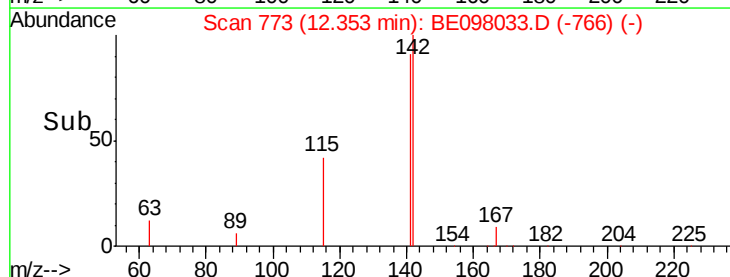
1000

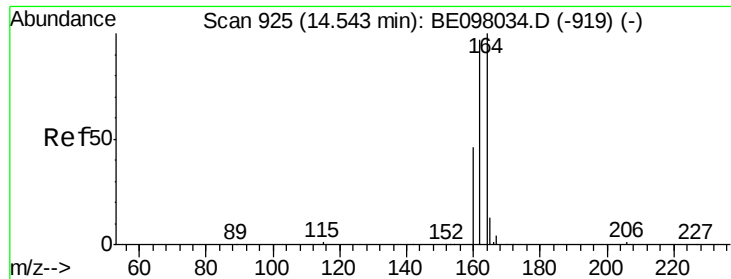
500

0

12.30 12.40

Time-->

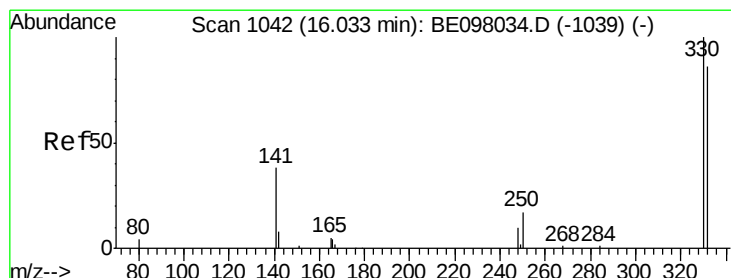
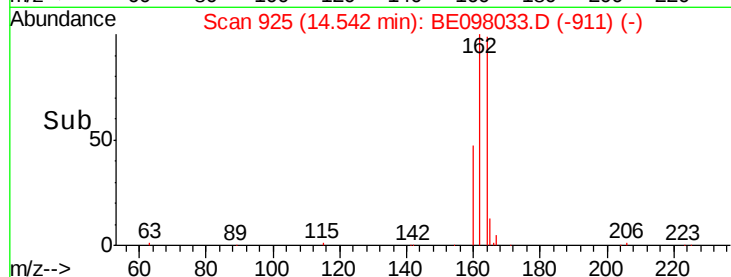
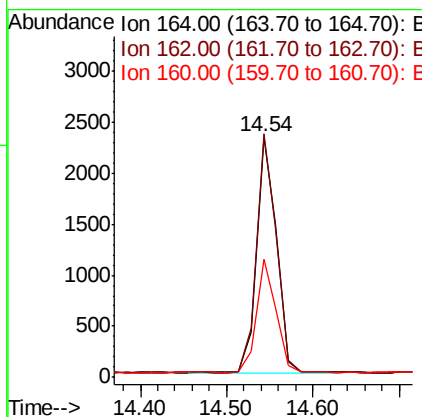
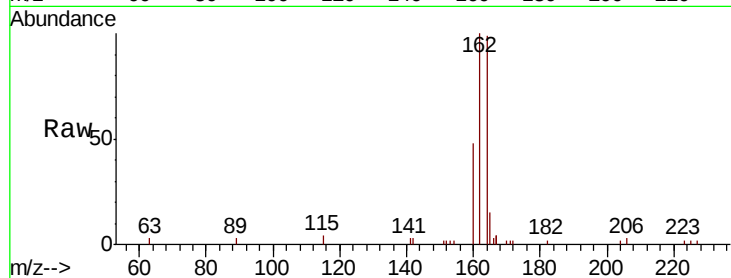




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.54 min Scan# 925  
Delta R.T. -0.00 min  
Lab File: BE098033.D  
Acq: 24 Oct 2018 10:47

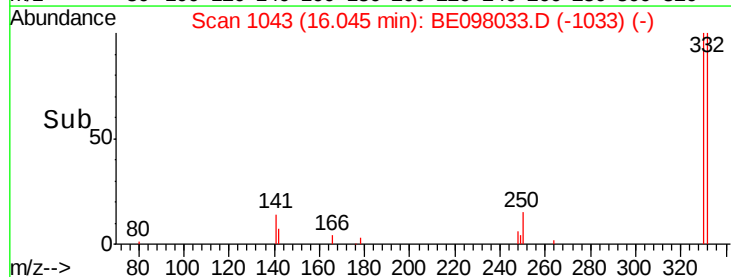
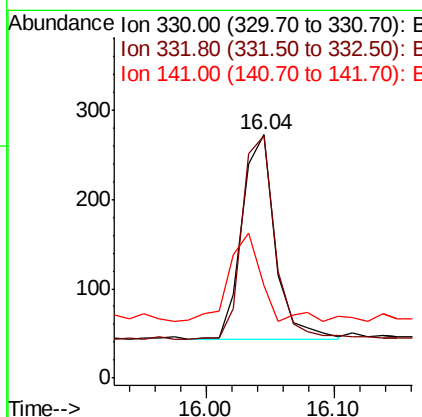
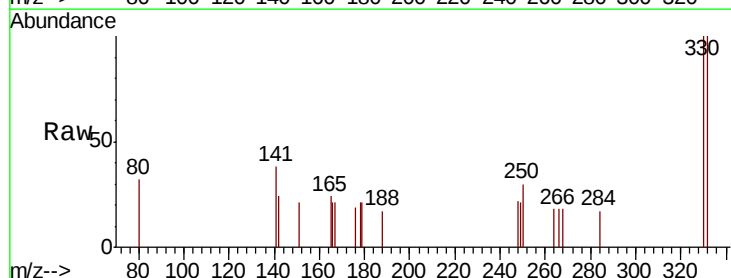
Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.2

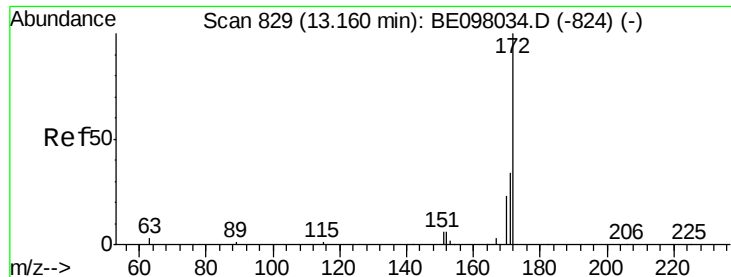
Tot Ion:164 Resp: 3712  
Ion Ratio Lower Upper  
164 100  
162 101.4 77.4 116.2  
160 49.0 36.5 54.7



#14  
2,4,6-Tribromophenol  
Concen: 0.205 ng  
RT: 16.04 min Scan# 1043  
Delta R.T. 0.01 min  
Lab File: BE098033.D  
Acq: 24 Oct 2018 10:47

Tgt Ion:330 Resp: 409  
Ion Ratio Lower Upper  
330 100  
332 102.2 76.5 114.7  
141 42.1 31.8 47.6

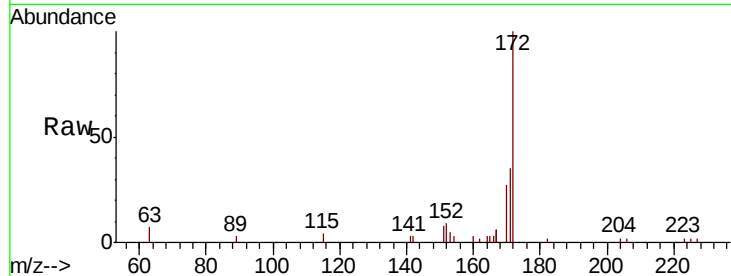




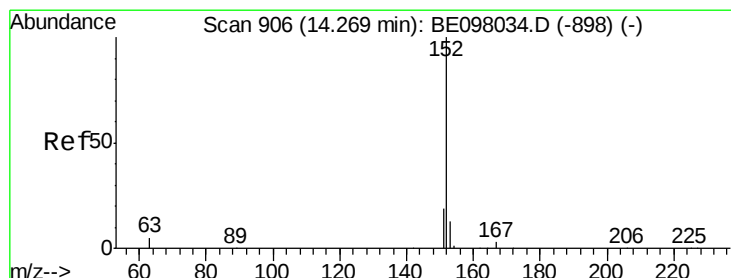
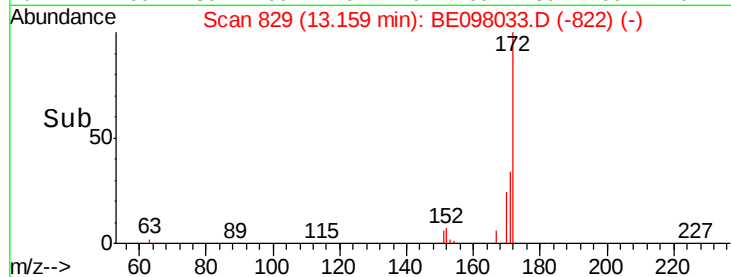
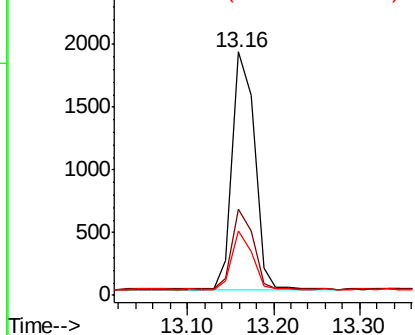
#15  
2-Fluorobiphenyl  
Concen: 0.222 ng  
RT: 13.16 min Scan# 829  
Delta R.T. -0.00 min  
Lab File: BE098033.D  
Acq: 24 Oct 2018 10:47

Instrument :  
BNA\_E  
ClientSampleId :  
SSTDIC0.2

Tot Ion:172 Resp: 3369  
Ion Ratio Lower Upper  
172 100  
171 35.5 26.0 39.0  
170 26.5 18.0 27.0

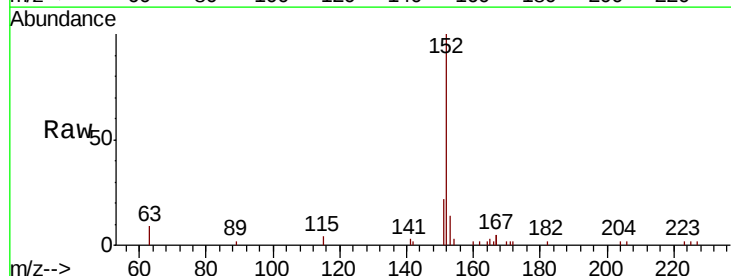


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

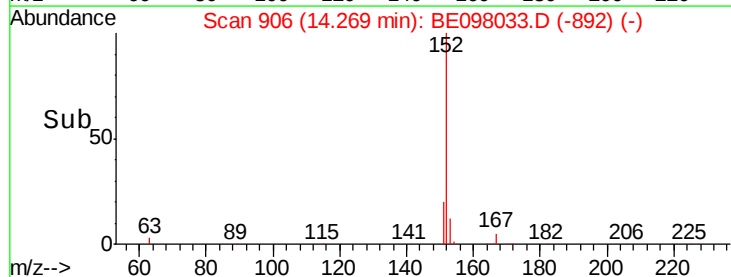
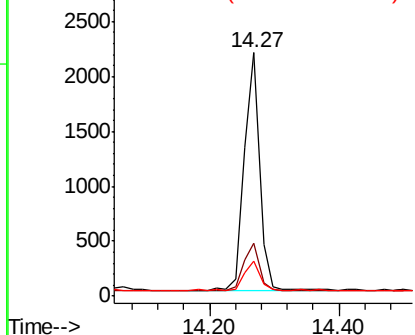


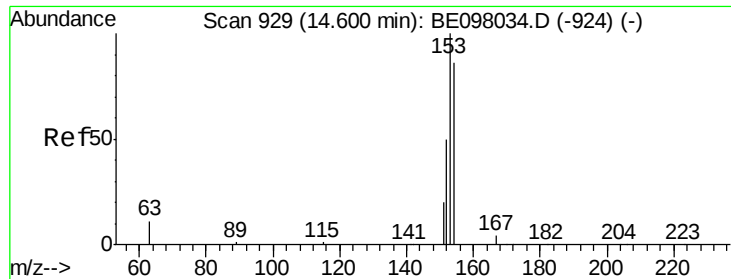
#16  
Acenaphthylene  
Concen: 0.207 ng  
RT: 14.27 min Scan# 906  
Delta R.T. -0.00 min  
Lab File: BE098033.D  
Acq: 24 Oct 2018 10:47

Tgt Ion:152 Resp: 3557  
Ion Ratio Lower Upper  
152 100  
151 21.1 16.1 24.1  
153 13.6 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 0.202 ng

RT: 14.61 min Scan# 930

Delta R.T. 0.01 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

Instrument :

BNA\_E

ClientSampleId :

SSTDICC0.2

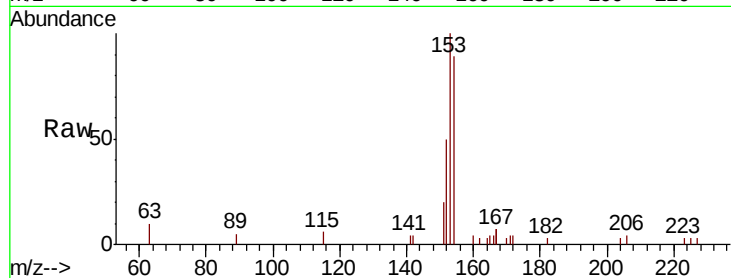
Tot Ion:154 Resp: 2119

Ion Ratio Lower Upper

154 100

153 117.0 92.6 139.0

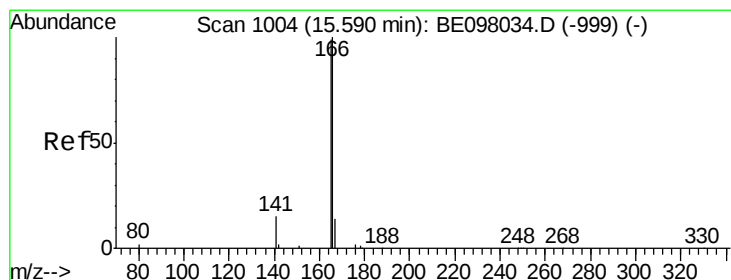
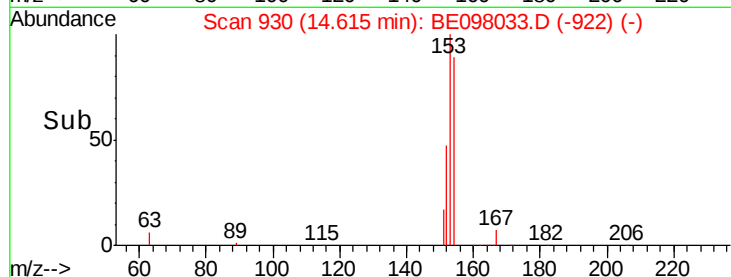
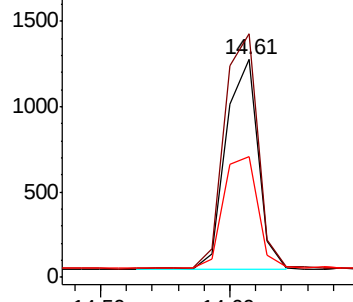
152 57.6 45.5 68.3



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: 0.196 ng

RT: 15.59 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

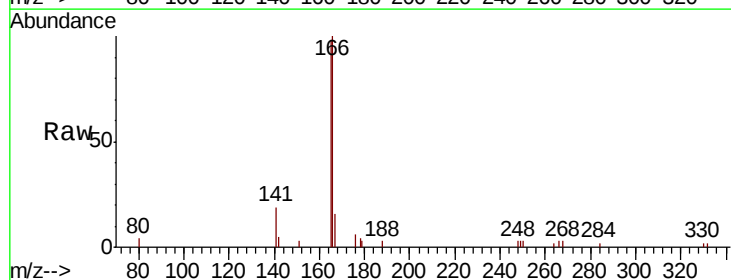
Tgt Ion:166 Resp: 2823

Ion Ratio Lower Upper

166 100

165 100.9 78.2 117.4

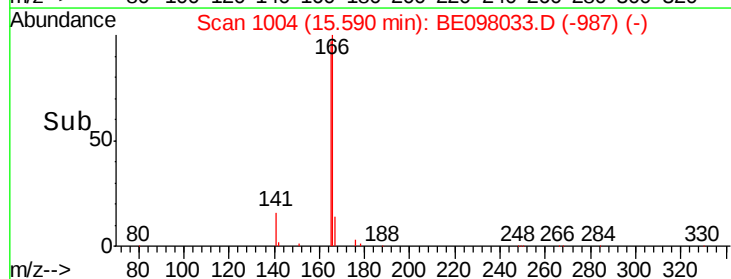
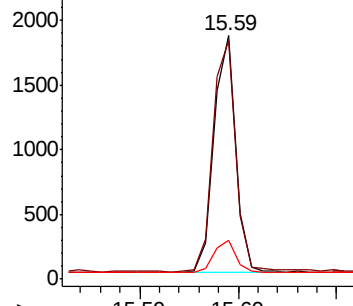
167 14.3 11.0 16.6

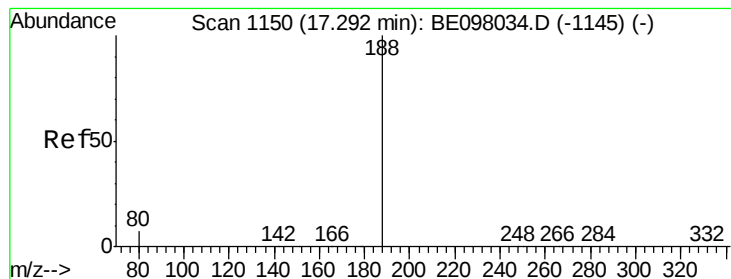


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.29 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.2

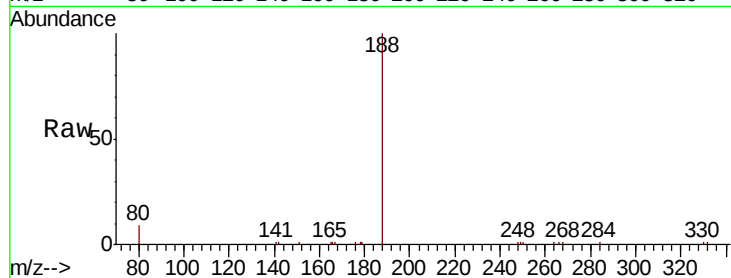
Tot Ion:188 Resp: 8933

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

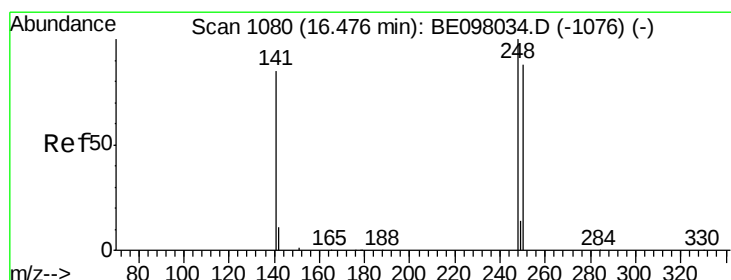
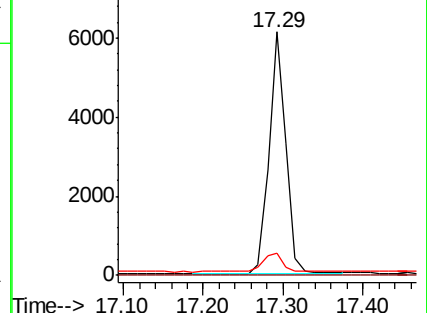
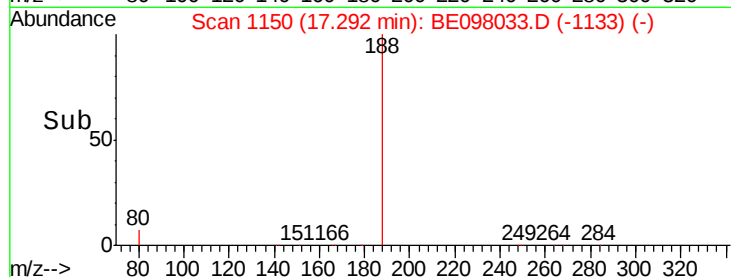
80 8.9 6.3 9.5



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: 0.227 ng

RT: 16.48 min Scan# 1080

Delta R.T. 0.00 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

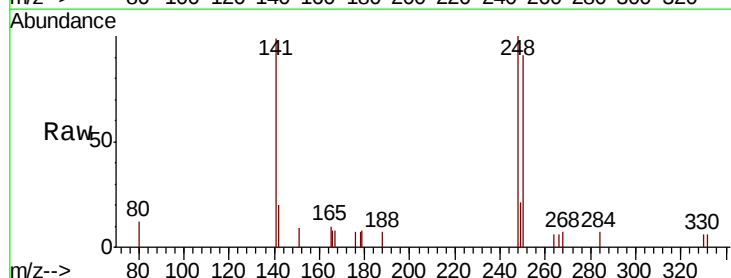
Tgt Ion:248 Resp: 1110

Ion Ratio Lower Upper

248 100

250 90.7 75.1 112.7

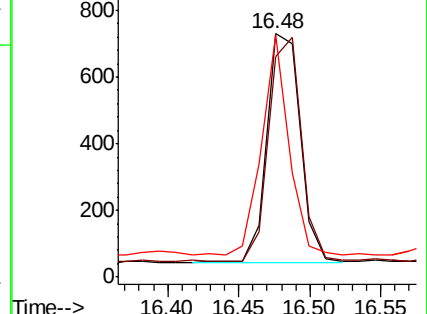
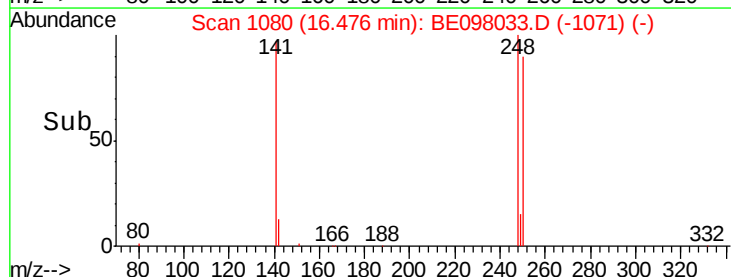
141 99.5 51.8 77.8#

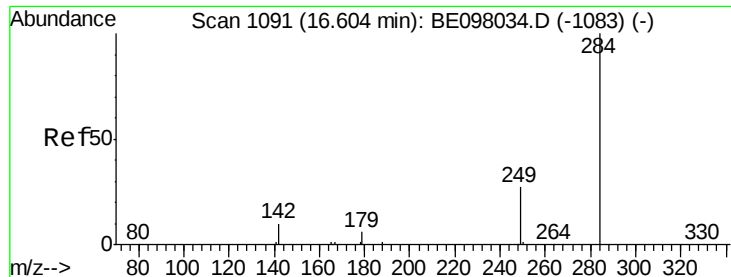


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.248 ng

RT: 16.60 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.2

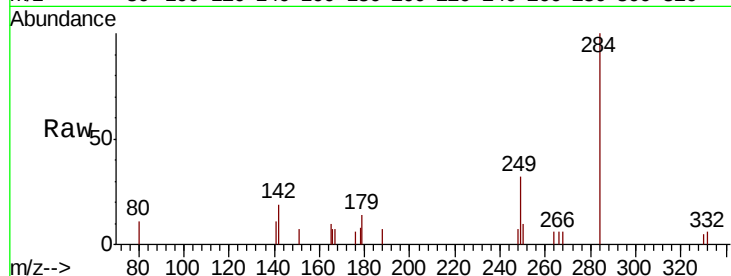
Tot Ion:284 Resp: 1190

Ion Ratio Lower Upper

284 100

142 30.4 25.9 38.9

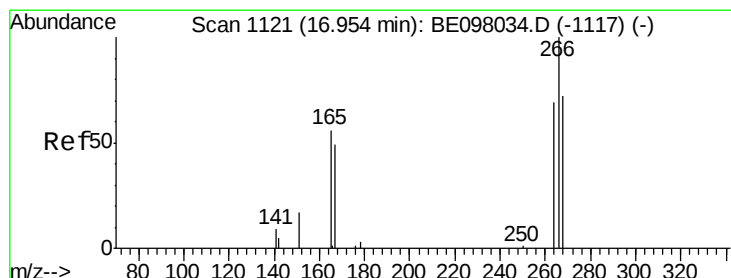
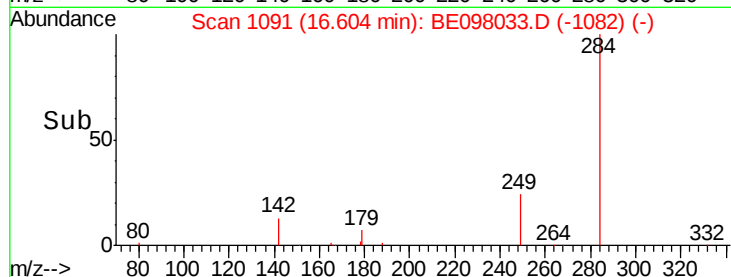
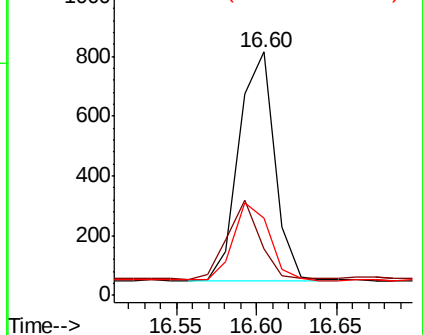
249 34.1 26.6 40.0



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: 0.061 ng

RT: 16.97 min Scan# 1122

Delta R.T. 0.01 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

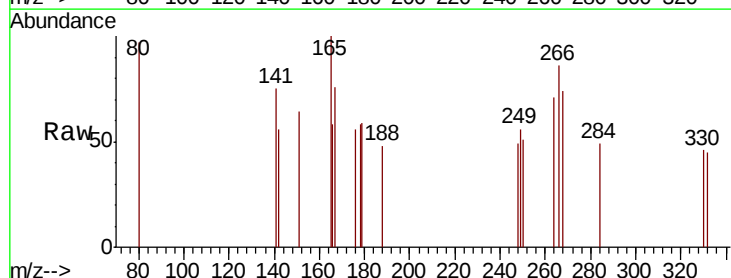
Tgt Ion:266 Resp: 84

Ion Ratio Lower Upper

266 100

264 83.1 51.3 76.9#

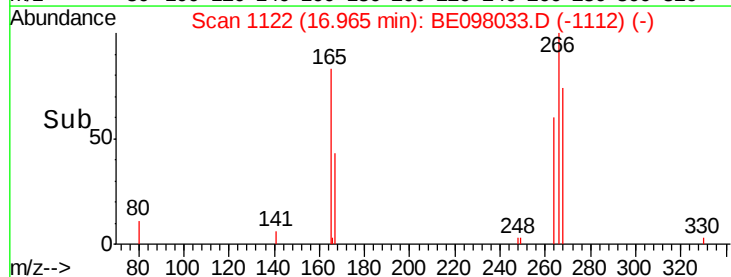
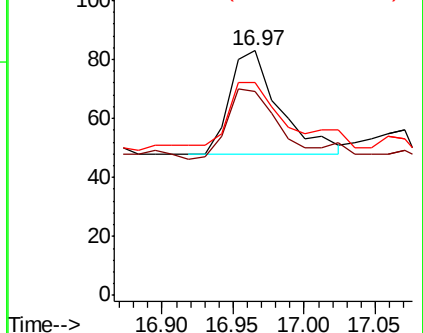
268 86.7 50.1 75.1#

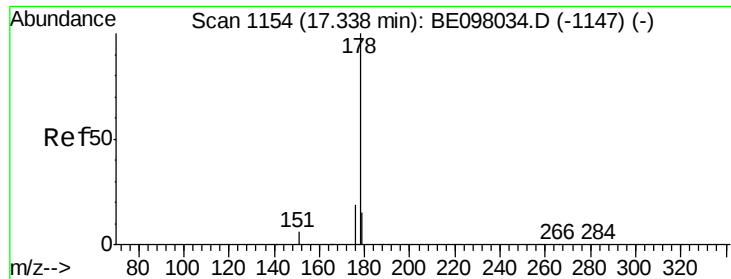


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#23

Phenanthrene

Concen: 0.204 ng

RT: 17.34 min Scan# 1154

Delta R.T. 0.00 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.2

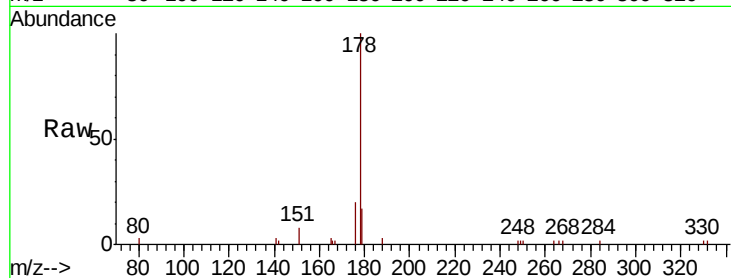
Tot Ion:178 Resp: 4635

Ion Ratio Lower Upper

178 100

176 19.8 15.5 23.3

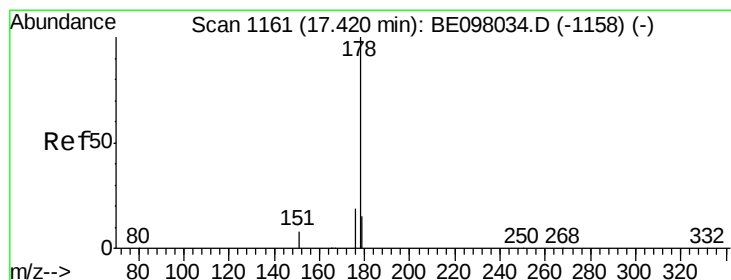
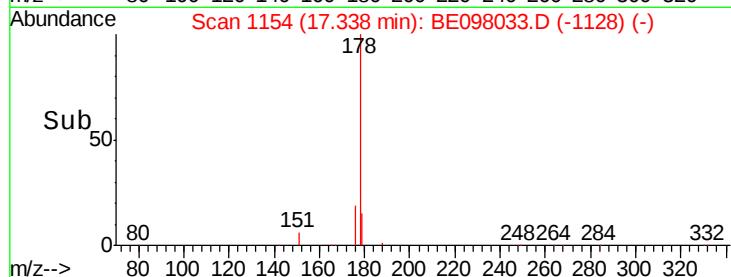
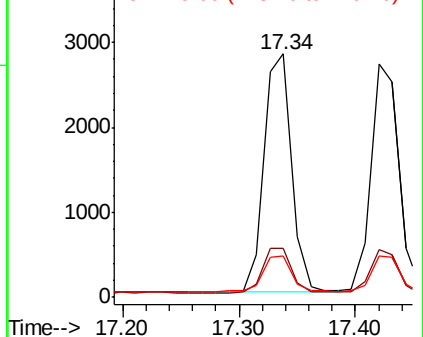
179 16.1 12.2 18.4



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: 0.207 ng

RT: 17.42 min Scan# 1161

Delta R.T. 0.00 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

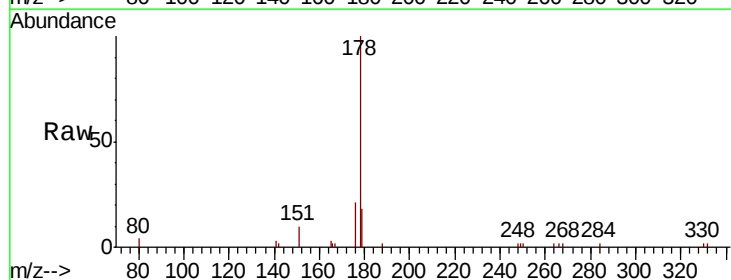
Tgt Ion:178 Resp: 4440

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

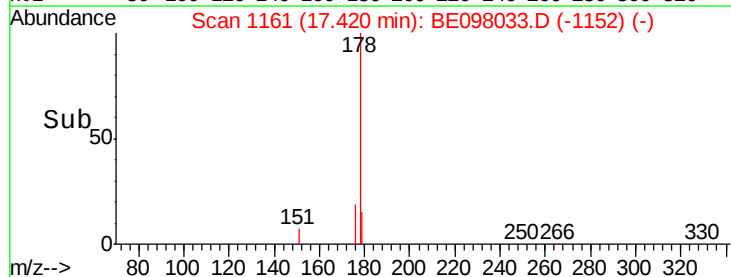
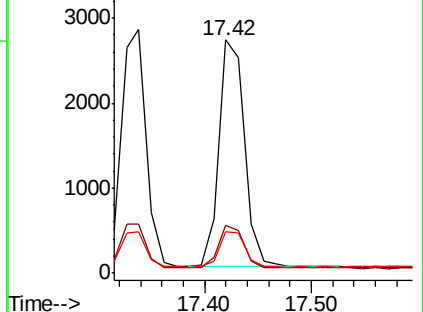
179 15.9 11.9 17.9

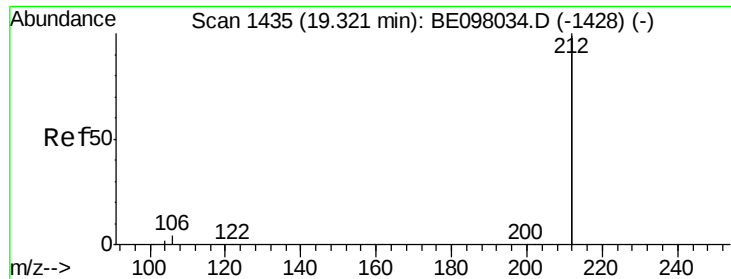


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.199 ng

RT: 19.33 min Scan# 1436

Delta R.T. 0.01 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.2

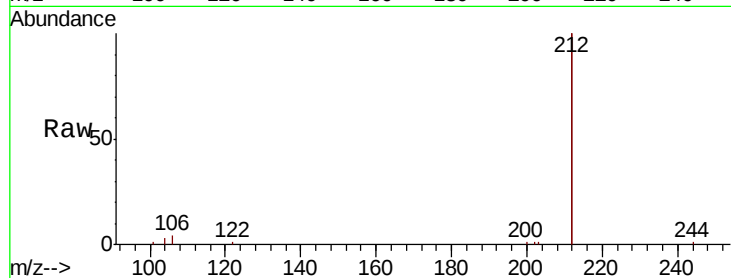
Tot Ion:212 Resp: 24052

Ion Ratio Lower Upper

212 100

106 2.1 2.3 3.5#

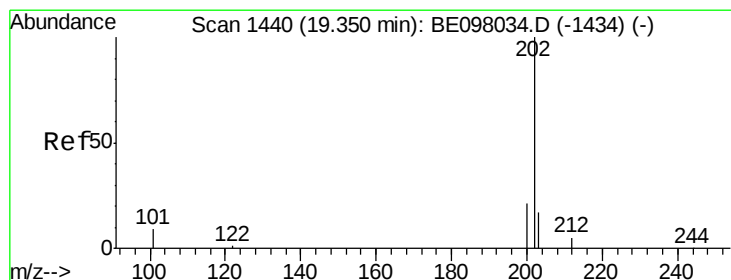
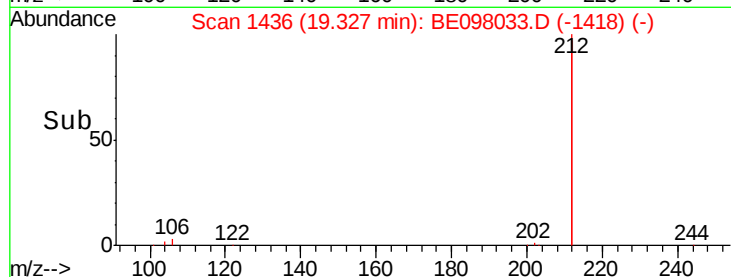
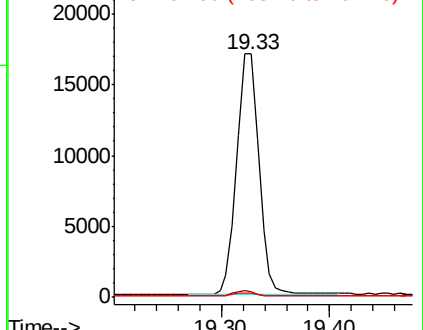
104 1.3 1.3 1.9



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: 0.191 ng

RT: 19.36 min Scan# 1441

Delta R.T. 0.01 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

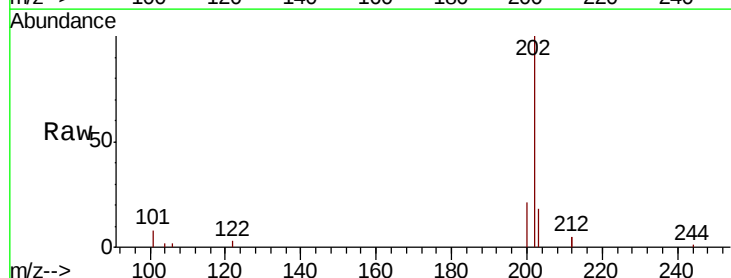
Tgt Ion:202 Resp: 5692

Ion Ratio Lower Upper

202 100

101 8.9 8.2 12.2

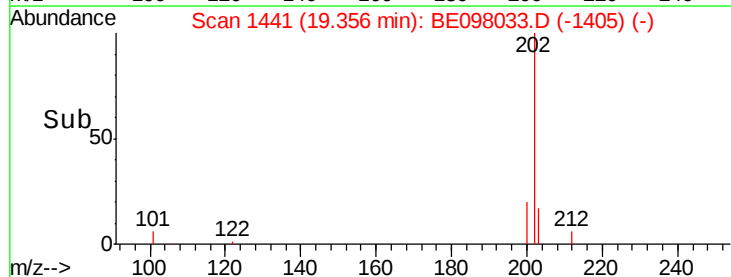
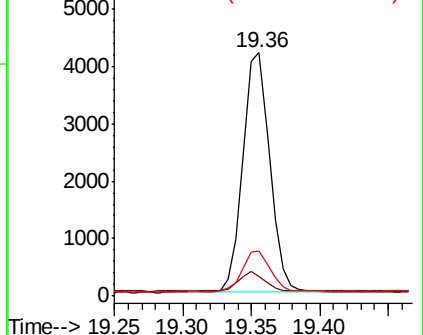
203 17.7 15.0 22.4

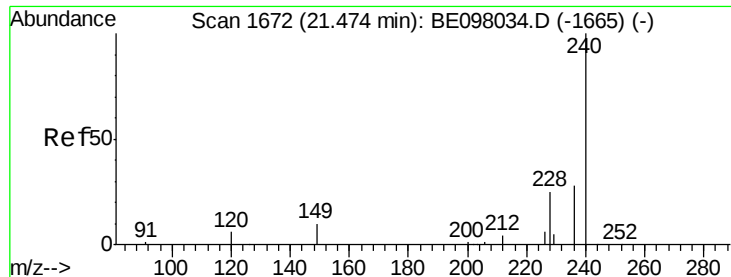


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.47 min Scan# 1672

Delta R.T. 0.00 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.2

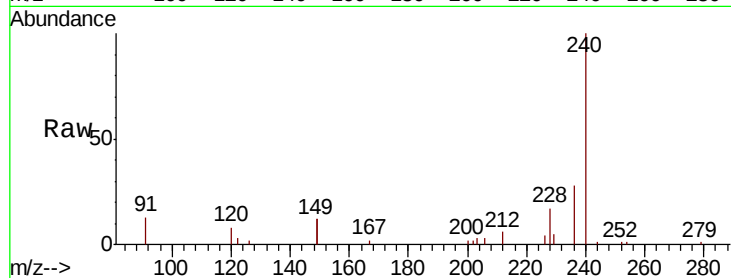
Tot Ion:240 Resp: 10635

Ion Ratio Lower Upper

240 100

120 8.3 7.1 10.7

236 28.0 21.3 31.9

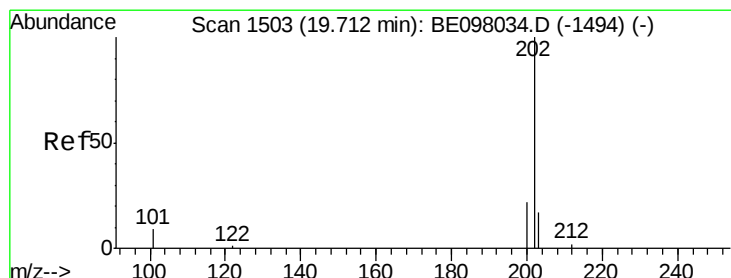
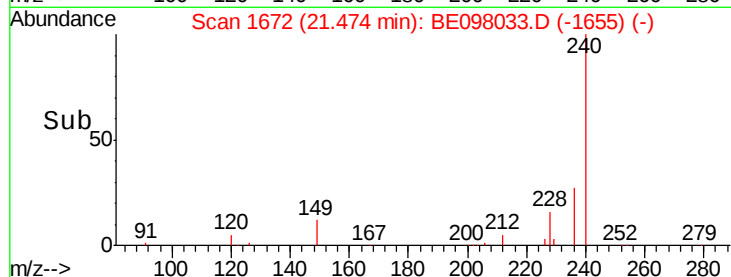
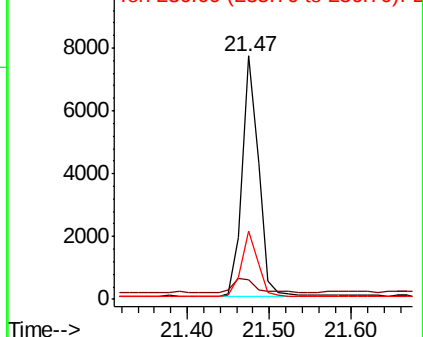


Abundance

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: 0.198 ng

RT: 19.71 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

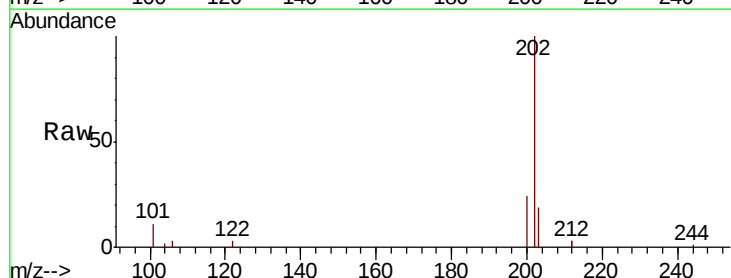
Tgt Ion:202 Resp: 6079

Ion Ratio Lower Upper

202 100

200 22.0 17.0 25.4

203 17.3 14.2 21.4

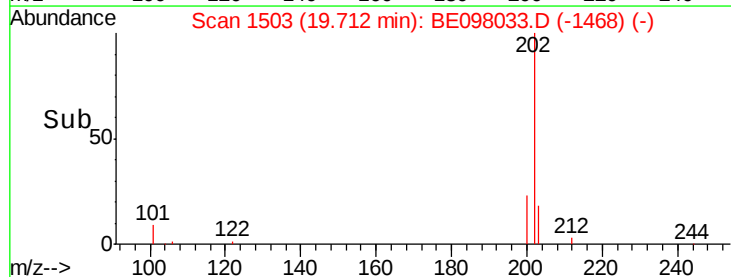
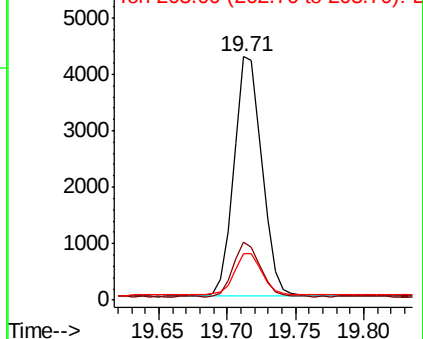


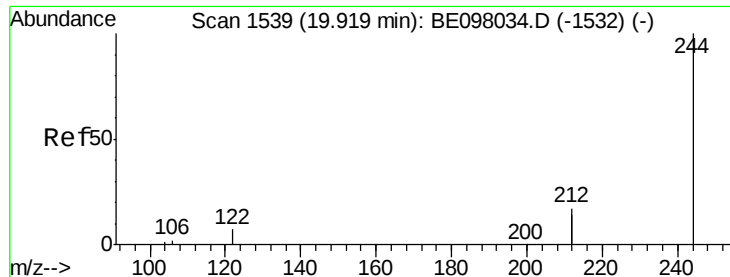
Abundance

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: 0.221 ng

RT: 19.92 min Scan# 1539

Delta R.T. 0.00 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.2

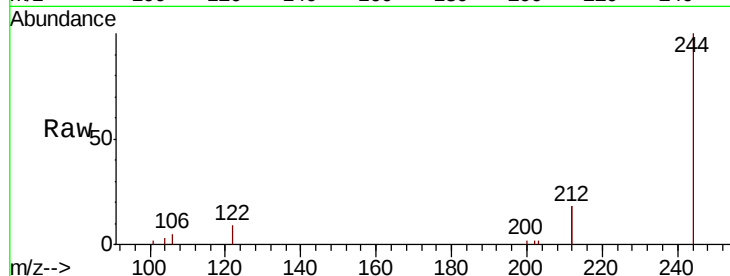
Tot Ion:244 Resp: 5390

Ion Ratio Lower Upper

244 100

212 36.7 26.2 39.2

122 9.1 7.7 11.5

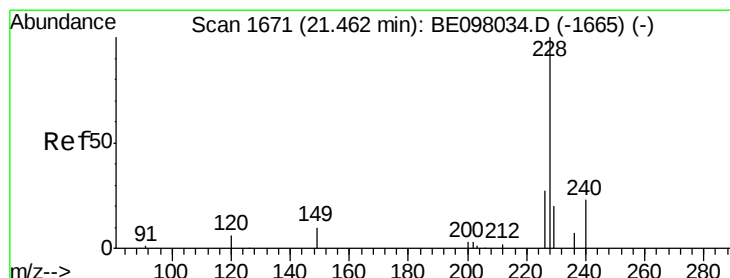
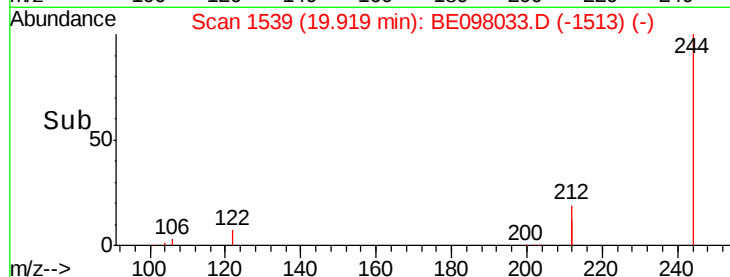
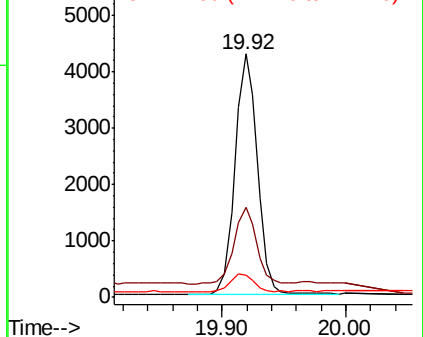


Abundance

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: 0.202 ng

RT: 21.46 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

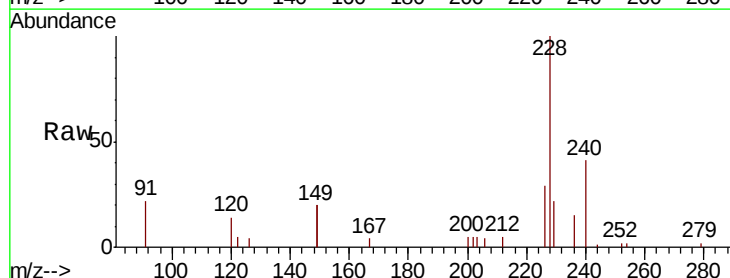
Tgt Ion:228 Resp: 6587

Ion Ratio Lower Upper

228 100

226 29.0 22.6 33.8

229 22.0 16.9 25.3

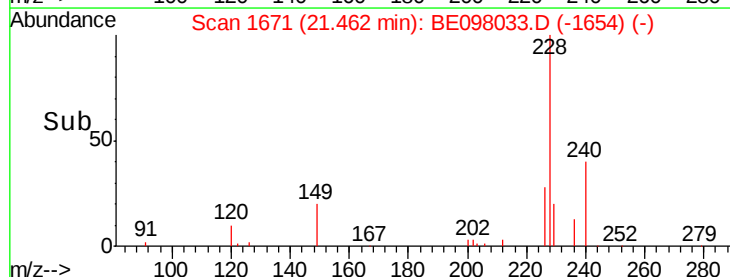
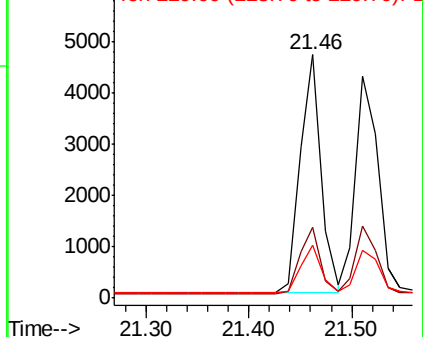


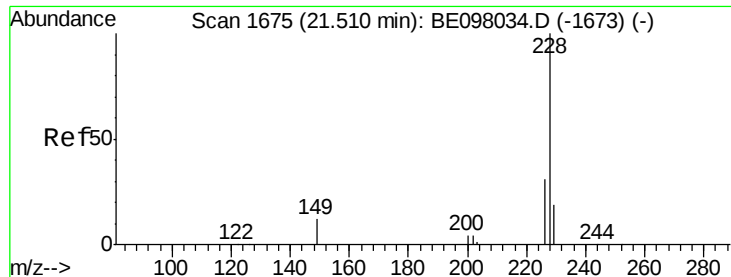
Abundance

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: 0.205 ng

RT: 21.51 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

Instrument :

BNA\_E

ClientSampleId :

SSTDICC0.2

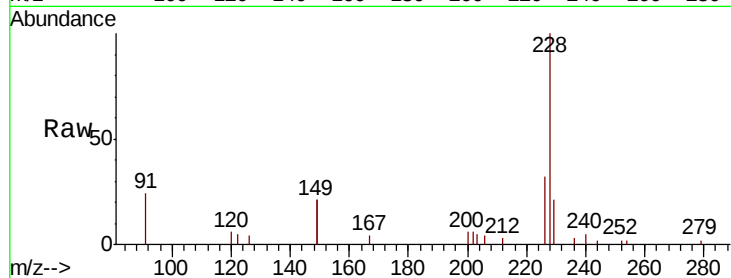
Tot Ion:228 Resp: 6325

Ion Ratio Lower Upper

228 100

226 32.3 24.3 36.5

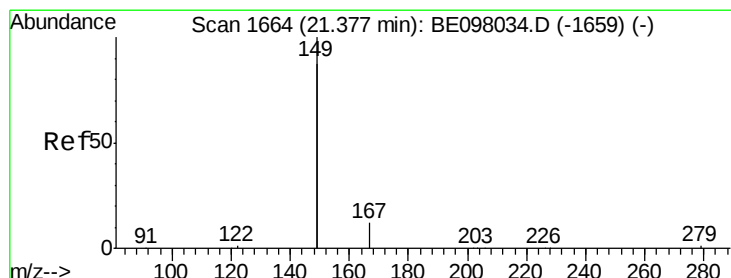
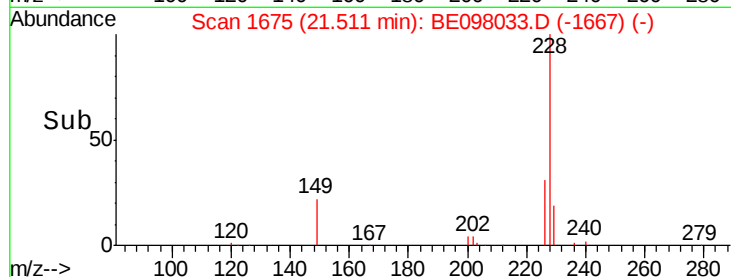
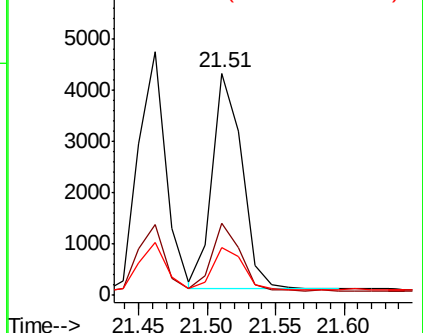
229 21.3 17.3 25.9



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: 0.208 ng

RT: 21.38 min Scan# 1664

Delta R.T. 0.00 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

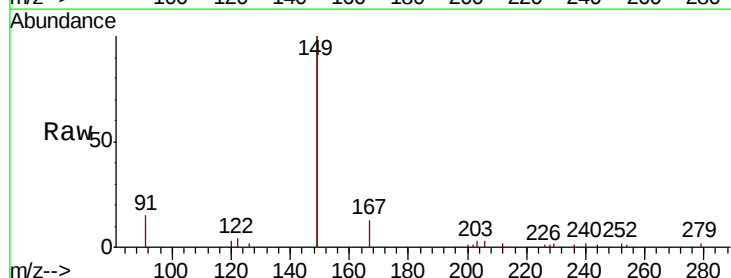
Tgt Ion:149 Resp: 15821

Ion Ratio Lower Upper

149 100

167 7.1 5.6 8.4

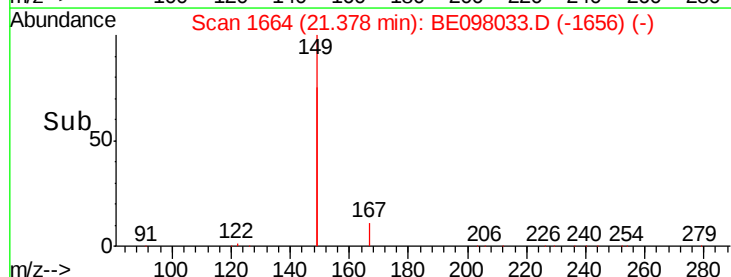
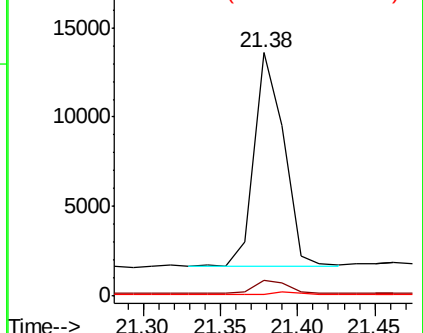
279 1.3 0.9 1.3#

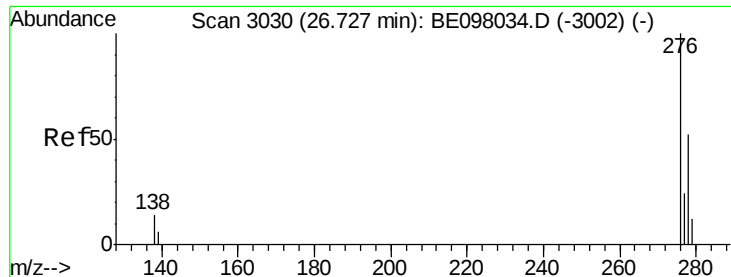


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

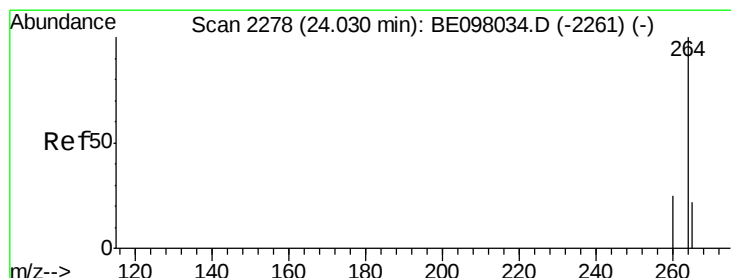
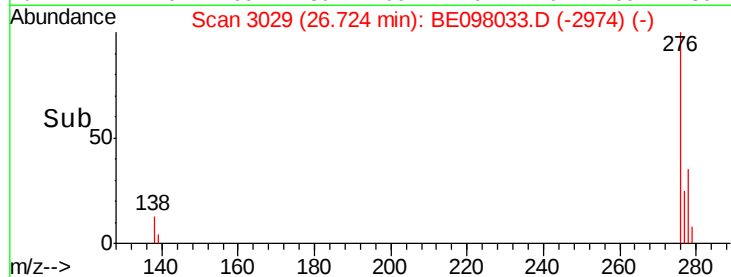
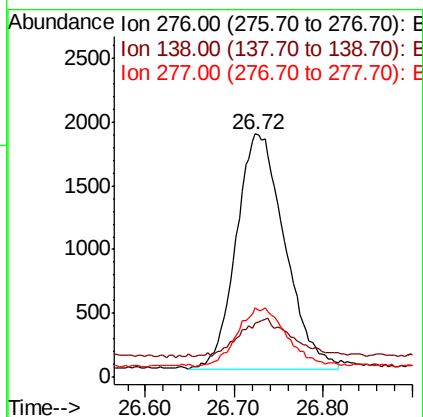
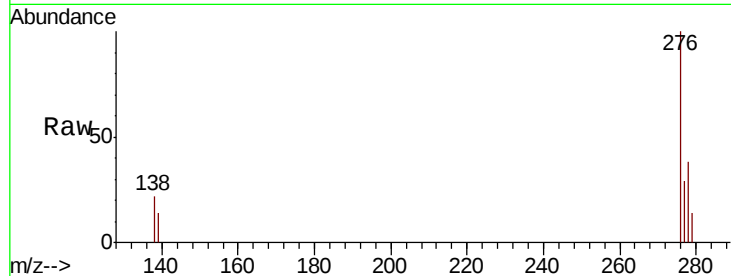




#33  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.210 ng  
 RT: 26.72 min Scan# 3029  
 Delta R.T. -0.00 min  
 Lab File: BE098033.D  
 Acq: 24 Oct 2018 10:47

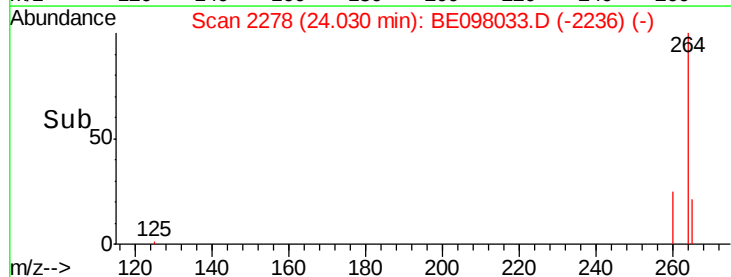
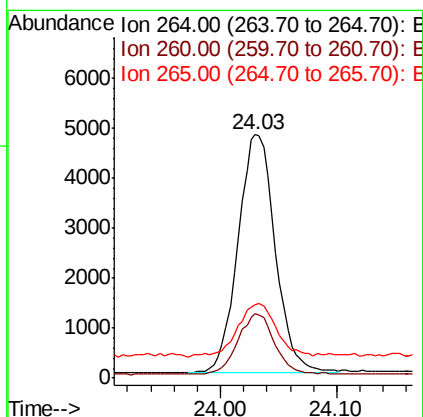
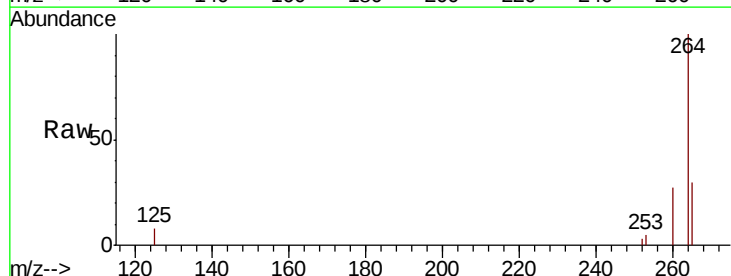
Instrument :  
 BNA\_E  
 ClientSampleId :  
 SSTDICC0.2

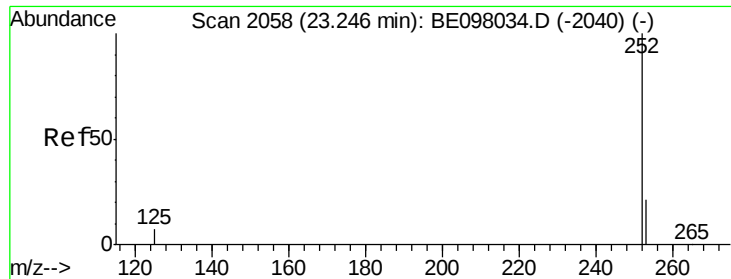
Tot Ion:276 Resp: 6959  
 Ion Ratio Lower Upper  
 276 100  
 138 17.2 17.0 25.6  
 277 25.3 20.5 30.7



#34  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.03 min Scan# 2278  
 Delta R.T. -0.00 min  
 Lab File: BE098033.D  
 Acq: 24 Oct 2018 10:47

Tgt Ion:264 Resp: 10600  
 Ion Ratio Lower Upper  
 264 100  
 260 26.6 21.1 31.7  
 265 30.1 29.2 43.8





#35

Benzo(b)fluoranthene

Concen: 0.201 ng

RT: 23.25 min Scan# 2059

Delta R.T. 0.00 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.2

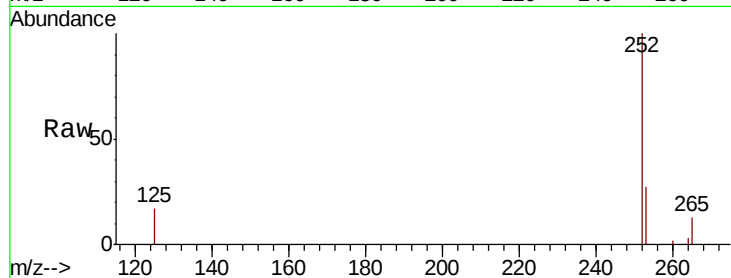
Tot Ion:252 Resp: 6131

Ion Ratio Lower Upper

252 100

253 27.4 20.6 31.0

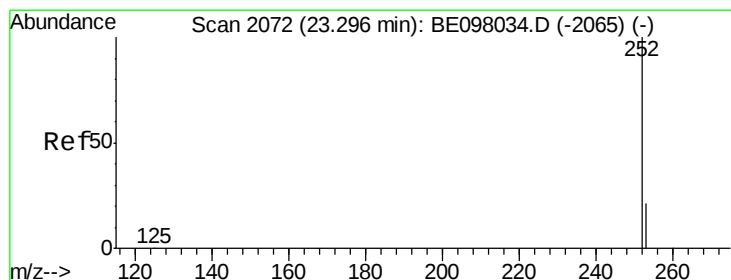
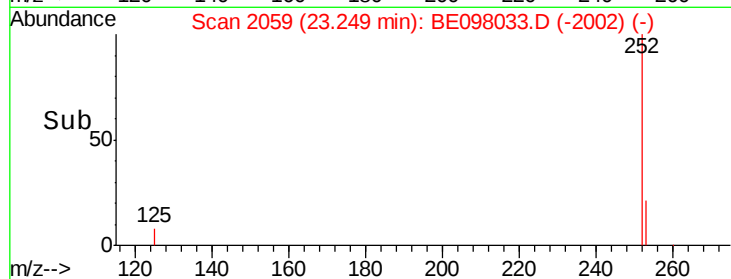
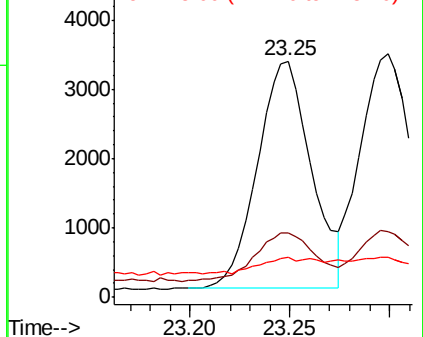
125 17.0 14.3 21.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.195 ng

RT: 23.30 min Scan# 2073

Delta R.T. 0.00 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

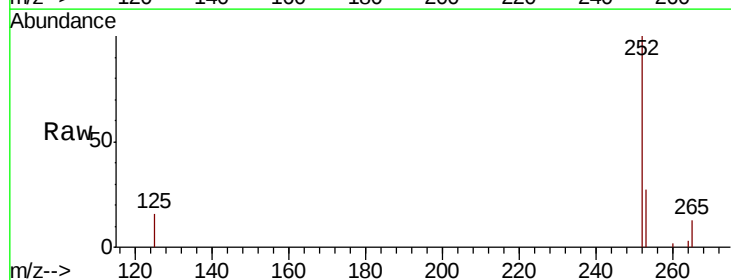
Tgt Ion:252 Resp: 6210

Ion Ratio Lower Upper

252 100

253 27.0 20.4 30.6

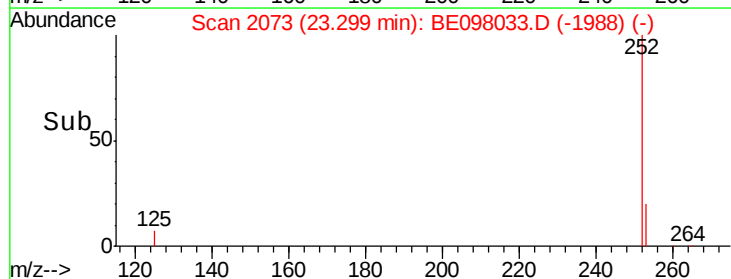
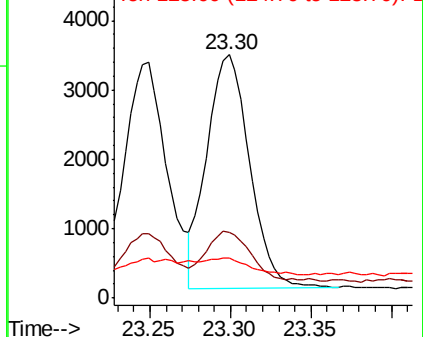
125 16.4 14.6 21.8

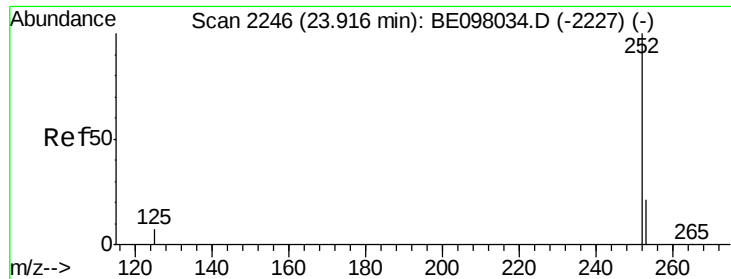


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(a)pyrene

Concen: 0.202 ng

RT: 23.92 min Scan# 2246

Delta R.T. -0.00 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.2

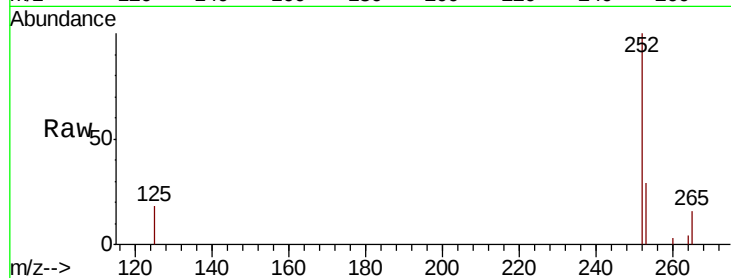
Tot Ion:252 Resp: 5993

Ion Ratio Lower Upper

252 100

253 28.9 20.6 31.0

125 17.8 15.6 23.4

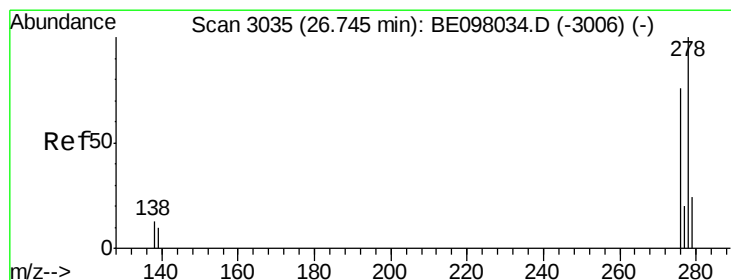
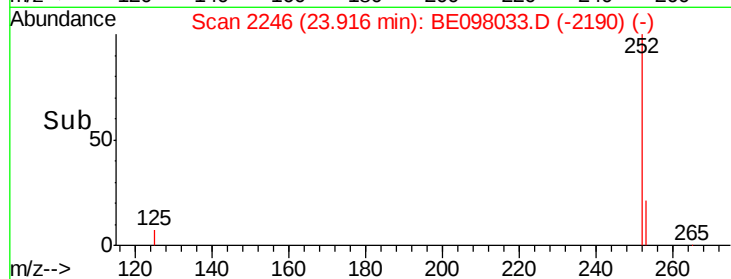
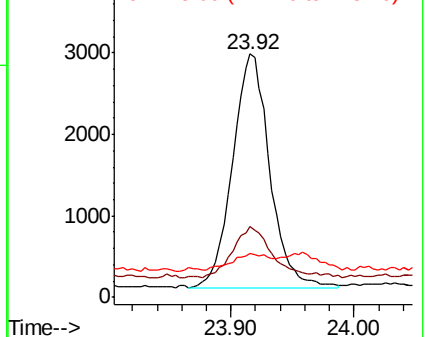


Abundance

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: 0.199 ng

RT: 26.76 min Scan# 3038

Delta R.T. 0.01 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

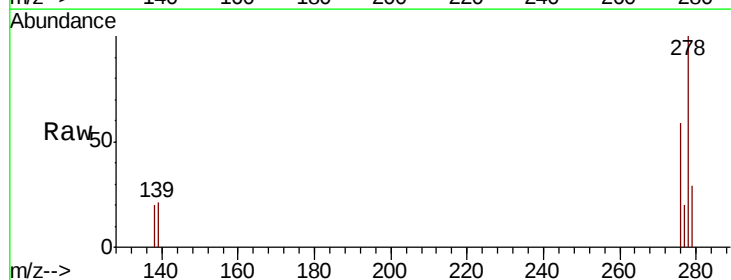
Tgt Ion:278 Resp: 5786

Ion Ratio Lower Upper

278 100

139 20.9 16.3 24.5

279 29.1 21.4 32.2

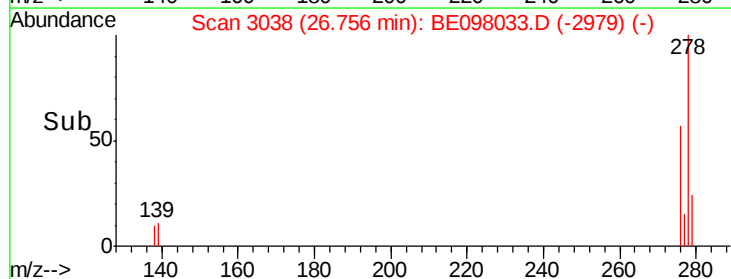
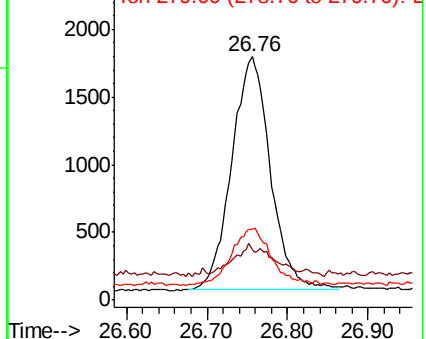


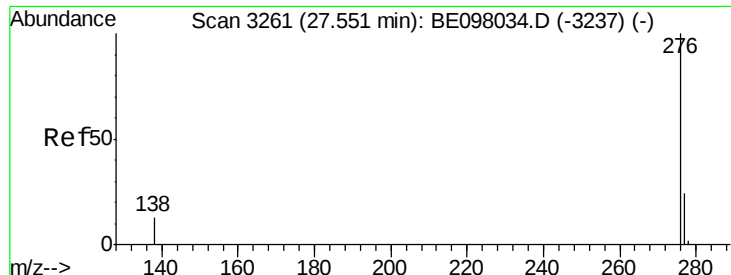
Abundance

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(a,h,i)perylene

Concen: 0.194 ng

RT: 27.55 min Scan# 3262

Delta R.T. 0.00 min

Lab File: BE098033.D

Acq: 24 Oct 2018 10:47

Instrument :

BNA\_E

ClientSampleId :

SSTDIC0.2

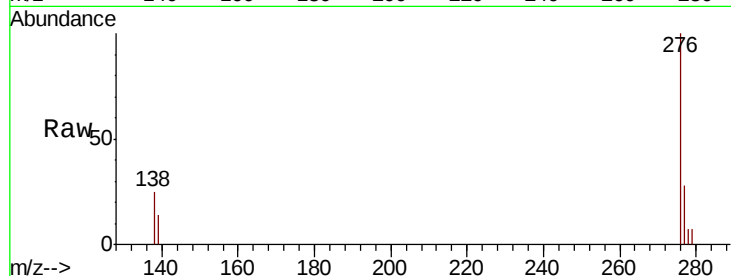
Tot Ion: 276 Resp: 5792

Ion Ratio Lower Upper

276 100

277 28.0 22.1 33.1

138 24.5 19.3 28.9



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

