

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM030116\  
 Data File : BM004506.D  
 Acq On : 02 Mar 2016 00:07  
 Operator : SJ/UM  
 Sample : SSTDICCC001  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICCC001

Quant Time: Mar 02 02:29:22 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\8270-SIM-BM030116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 02 02:23:16 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|---------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.60  | 152  | 21631    | 5.00 | ng    | 0.00     |
| 7) Naphthalene-d8         | 10.39 | 136  | 84178    | 5.00 | ng    | 0.00     |
| 13) Acenaphthene-d10      | 14.26 | 164  | 43284    | 5.00 | ng    | 0.00     |
| 19) Phenanthrene-d10      | 17.01 | 188  | 96133    | 5.00 | ng    | 0.00     |
| 26) Chrysene-d12          | 21.23 | 240  | 76174    | 5.00 | ng    | 0.00     |
| 35) Perylene-d12          | 23.45 | 264  | 69108    | 5.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 4) 2-Fluorophenol           | 5.22  | 112  | 4202     | 0.84 | ng    | 0.00     |
| 5) Phenol-d6                | 6.81  | 99   | 4883     | 0.87 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 8.78  | 82   | 3638     | 0.86 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 15.79 | 330  | 1077     | 0.67 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl        | 12.88 | 172  | 12396    | 0.94 | ng    | 0.00     |
| 29) Terphenyl-d14           | 19.67 | 244  | 12027    | 1.17 | ng    | 0.00     |

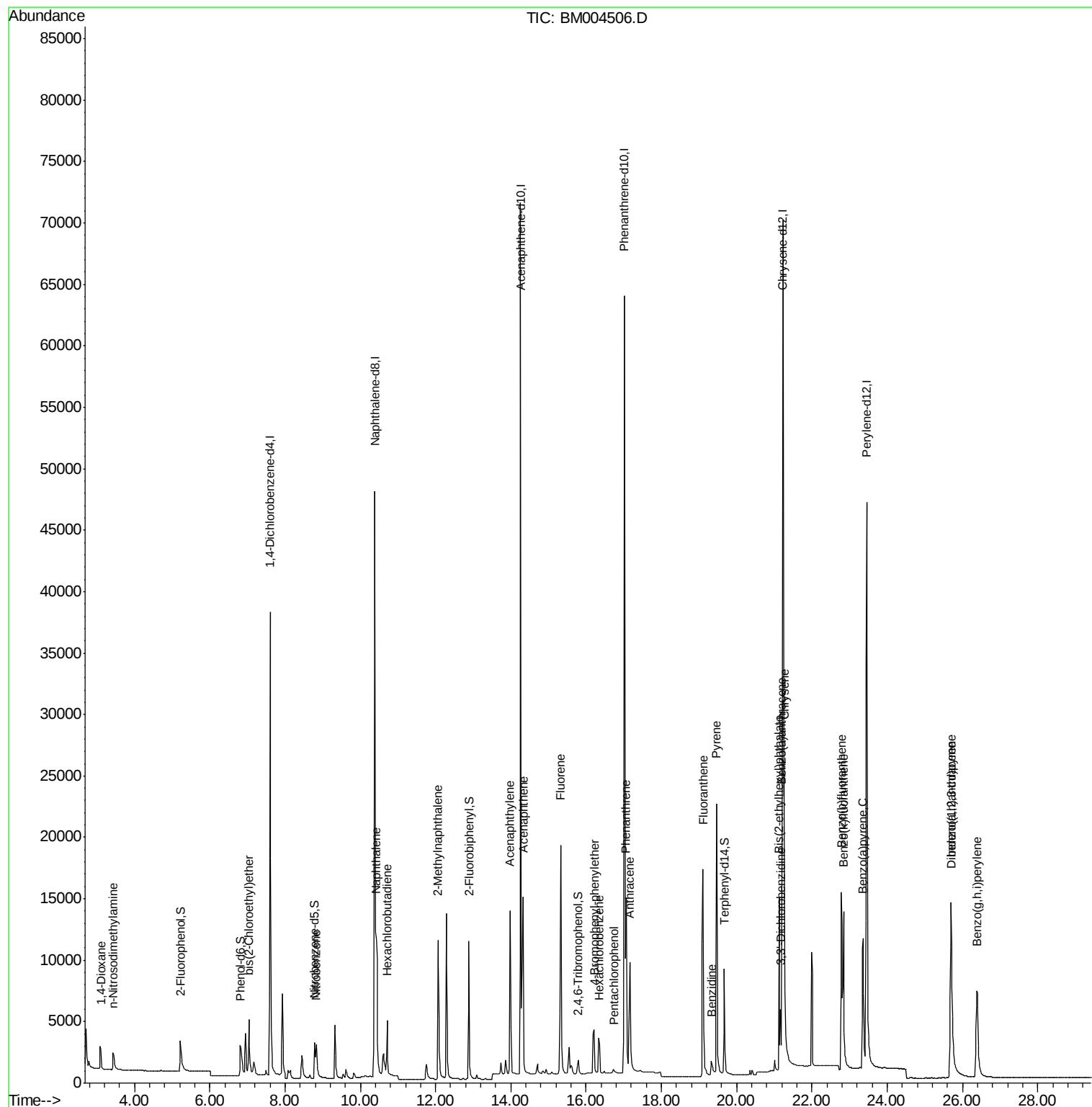
| Target Compounds               | R.T.  | QIon | Response | Conc | Units | Qvalue |
|--------------------------------|-------|------|----------|------|-------|--------|
| 2) 1,4-Dioxane                 | 3.10  | 88   | 1920     | 0.77 | ng    | 99     |
| 3) n-Nitrosodimethylamine      | 3.43  | 42   | 1444     | 0.68 | ng    | 99     |
| 6) bis(2-Chloroethyl)ether     | 7.04  | 93   | 4477     | 0.77 | ng    | 99     |
| 9) Nitrobenzene                | 8.83  | 77   | 4003     | 0.71 | ng    | 100    |
| 10) Naphthalene                | 10.42 | 128  | 17986    | 0.70 | ng    | 100    |
| 11) Hexachlorobutadiene        | 10.72 | 225  | 3111     | 0.82 | ng    | 100    |
| 12) 2-Methylnaphthalene        | 12.07 | 142  | 11029    | 0.77 | ng    | 100    |
| 16) Acenaphthylene             | 13.97 | 152  | 17997    | 0.75 | ng    | 100    |
| 17) Acenaphthene               | 14.33 | 154  | 11143    | 0.71 | ng    | 100    |
| 18) Fluorene                   | 15.33 | 166  | 13997    | 0.73 | ng    | 100    |
| 20) 4-Bromophenyl-phenylether  | 16.22 | 248  | 3156     | 0.61 | ng    | # 100  |
| 21) Hexachlorobenzene          | 16.35 | 284  | 3717     | 0.64 | ng    | # 100  |
| 22) Pentachlorophenol          | 16.73 | 266  | 488      | 0.35 | ng    | 100    |
| 23) Phenanthrene               | 17.06 | 178  | 20231    | 0.61 | ng    | 100    |
| 24) Anthracene                 | 17.16 | 178  | 17037    | 0.61 | ng    | 94     |
| 25) Fluoranthene               | 19.11 | 202  | 24126    | 0.68 | ng    | 100    |
| 27) Benzidine                  | 19.33 | 184  | 5179     | 0.65 | ng    | 100    |
| 28) Pyrene                     | 19.47 | 202  | 25118    | 0.84 | ng    | 100    |
| 30) Benzo(a)anthracene         | 21.21 | 228  | 22738    | 0.82 | ng    | 100    |
| 31) 3,3'-Dichlorobenzidine     | 21.16 | 252  | 6818     | 0.42 | ng    | 100    |
| 32) Chrysene                   | 21.27 | 228  | 22695    | 0.41 | ng    | 100    |
| 33) Bis(2-ethylhexyl)phthalate | 21.12 | 149  | 15096    | 0.72 | ng    | # 100  |
| 34) Indeno(1,2,3-cd)pyrene     | 25.69 | 276  | 19780    | 0.77 | ng    | 100    |
| 36) Benzo(b)fluoranthene       | 22.79 | 252  | 18524    | 0.72 | ng    | 100    |
| 37) Benzo(k)fluoranthene       | 22.84 | 252  | 21764    | 0.83 | ng    | 100    |
| 38) Benzo(a)pyrene             | 23.36 | 252  | 18802    | 0.79 | ng    | 100    |
| 39) Dibenzo(a,h)anthracene     | 25.70 | 278  | 15503    | 0.75 | ng    | 100    |
| 40) Benzo(g,h,i)perylene       | 26.38 | 276  | 17529    | 0.77 | ng    | 100    |

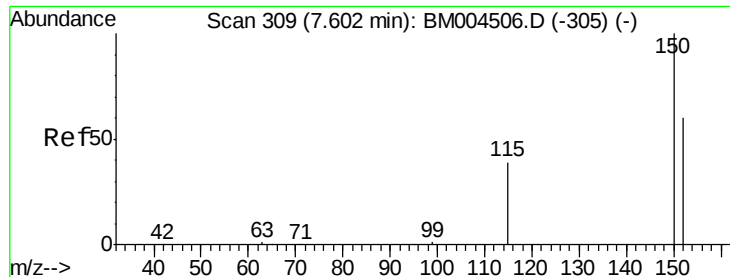
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 02 02:23:16 2016  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.60 min Scan# 309

Delta R.T. 0.00 min

Lab File: BM004506.D

Acq: 02 Mar 2016 00:07

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC001

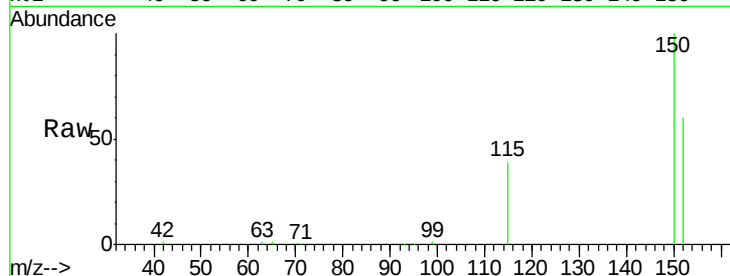
Tgt Ion:152 Resp: 21631

Ion Ratio Lower Upper

152 100

150 165.5 132.4 198.6

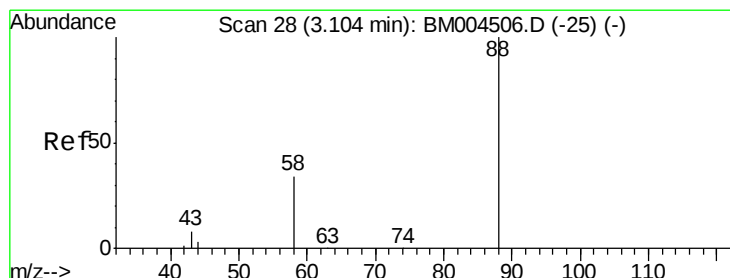
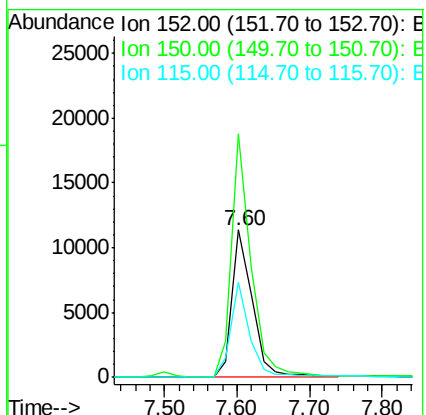
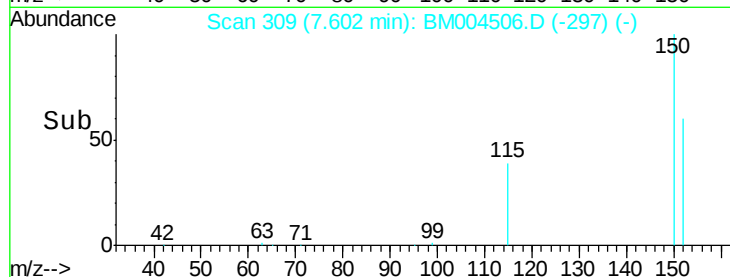
115 64.3 51.4 77.2



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: 0.77 ng

RT: 3.10 min Scan# 28

Delta R.T. 0.00 min

Lab File: BM004506.D

Acq: 02 Mar 2016 00:07

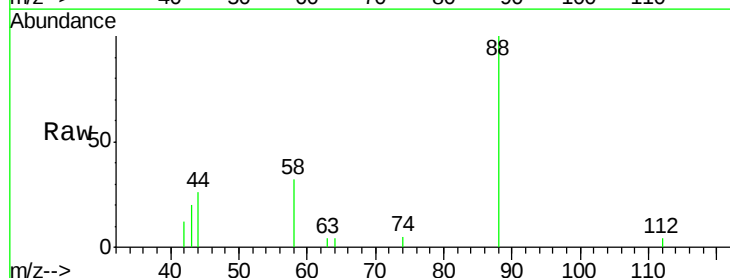
Tgt Ion: 88 Resp: 1920

Ion Ratio Lower Upper

88 100

58 65.7 53.1 79.7

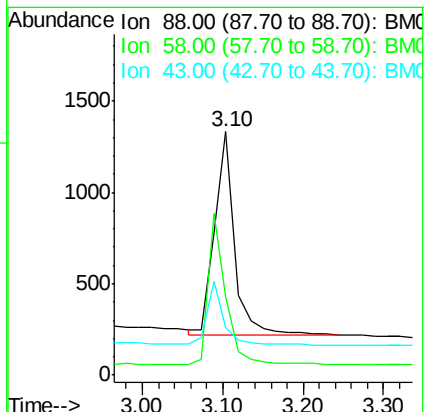
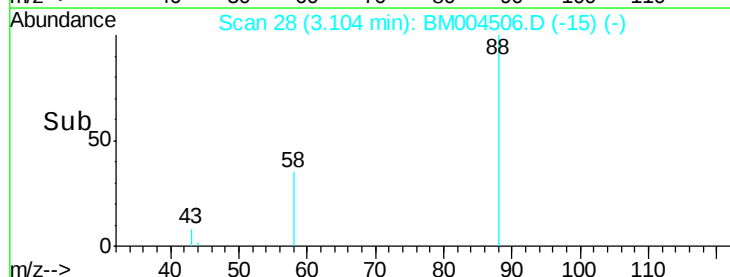
43 26.7 21.6 32.4

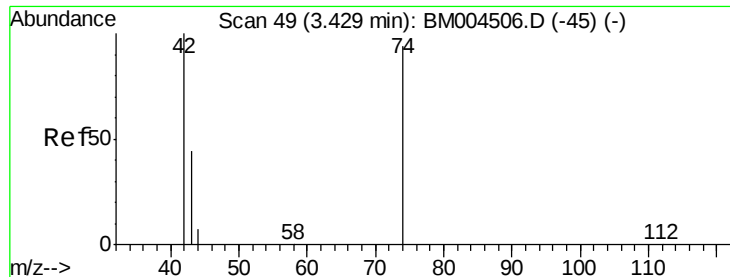


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.68 ng

RT: 3.43 min Scan# 49

Delta R.T. 0.00 min

Lab File: BM004506.D

Acq: 02 Mar 2016 00:07

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC001

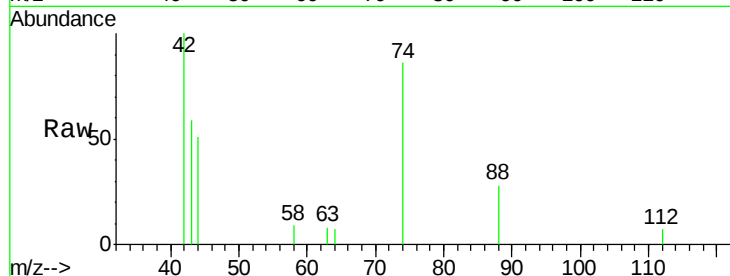
Tgt Ion: 42 Resp: 1444

Ion Ratio Lower Upper

42 100

74 150.0 119.4 179.0

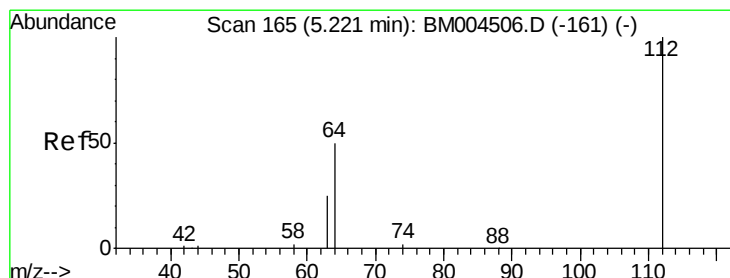
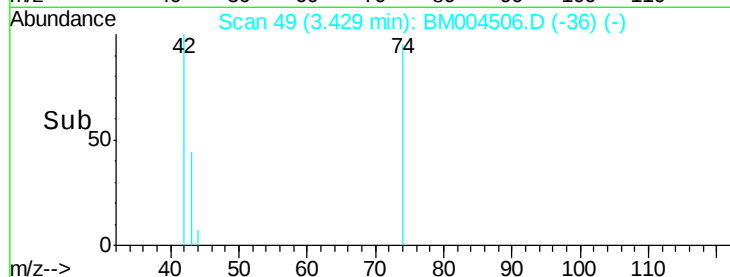
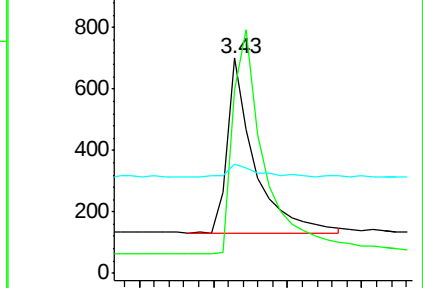
44 8.9 7.2 10.8



Abundance Ion 42.00 (41.70 to 42.70): BM004506.D (-45) (-)

Ion 74.00 (73.70 to 74.70): BM004506.D (-45) (-)

Ion 44.00 (43.70 to 44.70): BM004506.D (-45) (-)



#4

2-Fluorophenol

Concen: 0.84 ng

RT: 5.22 min Scan# 165

Delta R.T. 0.00 min

Lab File: BM004506.D

Acq: 02 Mar 2016 00:07

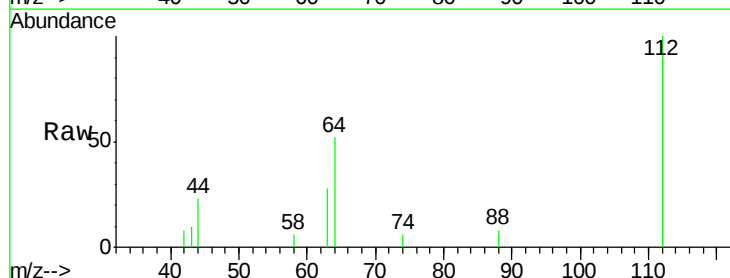
Tgt Ion: 112 Resp: 4202

Ion Ratio Lower Upper

112 100

64 48.8 36.5 54.7

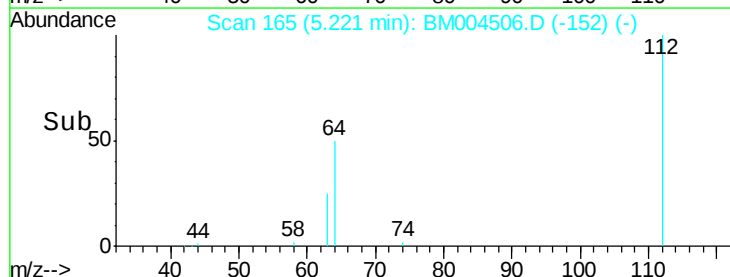
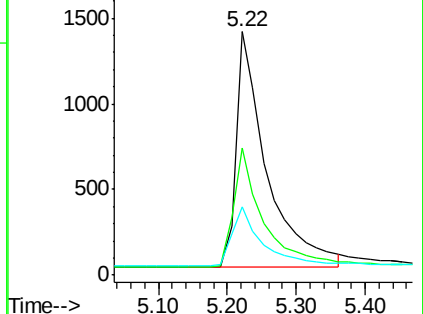
63 25.0 18.6 28.0

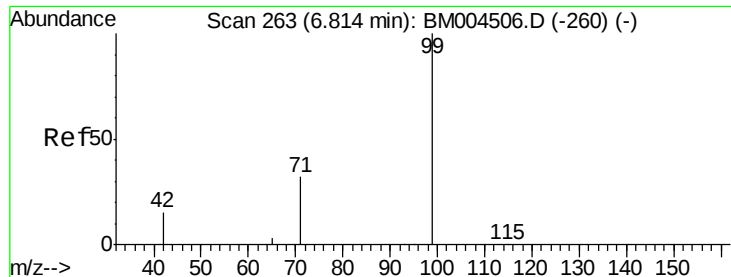


Abundance Ion 112.00 (111.70 to 112.70): BM004506.D (-161) (-)

Ion 64.00 (63.70 to 64.70): BM004506.D (-161) (-)

Ion 63.00 (62.70 to 63.70): BM004506.D (-161) (-)





#5

Phenol-d6

Concen: 0.87 ng

RT: 6.81 min Scan# 263

Delta R.T. 0.00 min

Lab File: BM004506.D

Acq: 02 Mar 2016 00:07

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC001

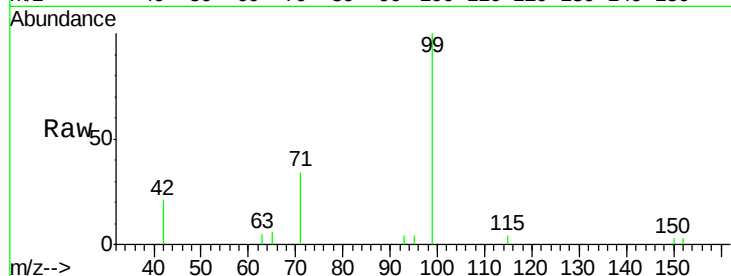
Tgt Ion: 99 Resp: 4883

Ion Ratio Lower Upper

99 100

42 15.7 12.8 19.2

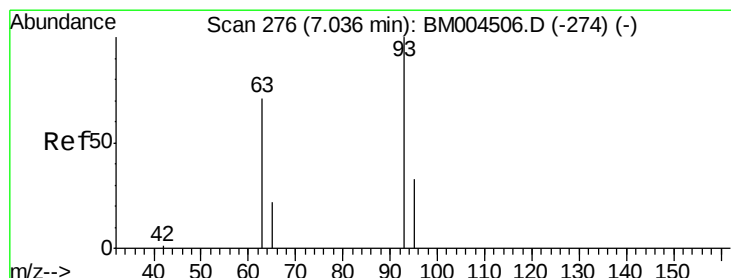
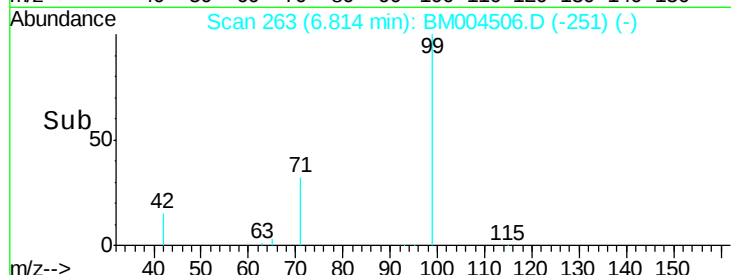
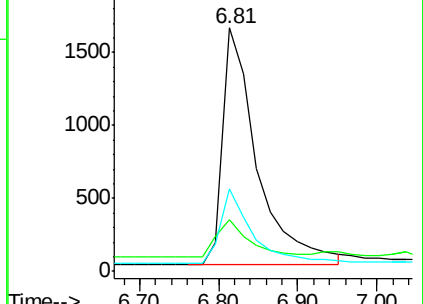
71 29.4 23.5 35.3



Abundance Ion 99.00 (98.70 to 99.70): BM004506.D (-260) (-)

Ion 42.00 (41.70 to 42.70): BM004506.D (-260) (-)

Ion 71.00 (70.70 to 71.70): BM004506.D (-260) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.77 ng

RT: 7.04 min Scan# 276

Delta R.T. 0.00 min

Lab File: BM004506.D

Acq: 02 Mar 2016 00:07

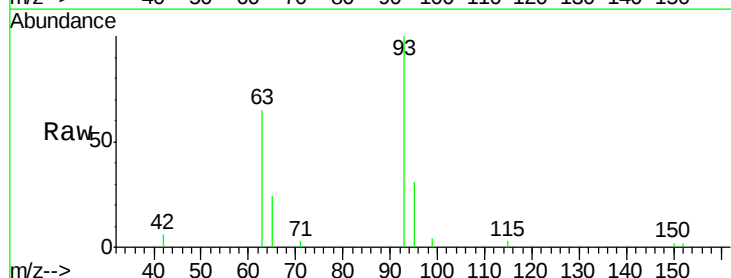
Tgt Ion: 93 Resp: 4477

Ion Ratio Lower Upper

93 100

63 62.5 50.0 75.0

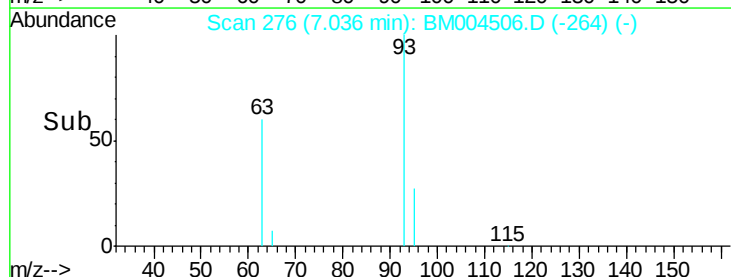
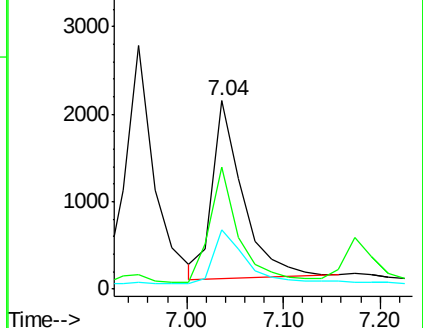
95 32.7 25.3 37.9

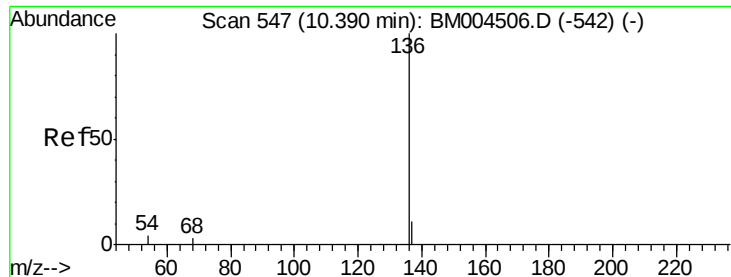


Abundance Ion 93.00 (92.70 to 93.70): BM004506.D (-274) (-)

Ion 63.00 (62.70 to 63.70): BM004506.D (-274) (-)

Ion 95.00 (94.70 to 95.70): BM004506.D (-274) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 547

Delta R.T. 0.00 min

Lab File: BM004506.D

Acq: 02 Mar 2016 00:07

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC001

Tgt Ion:136 Resp: 84178

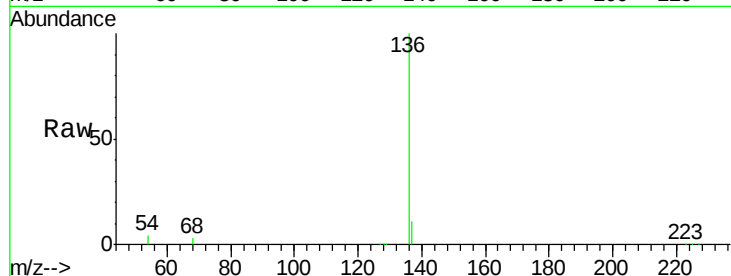
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 3.8 3.0 4.6

68 3.4 2.7 4.1

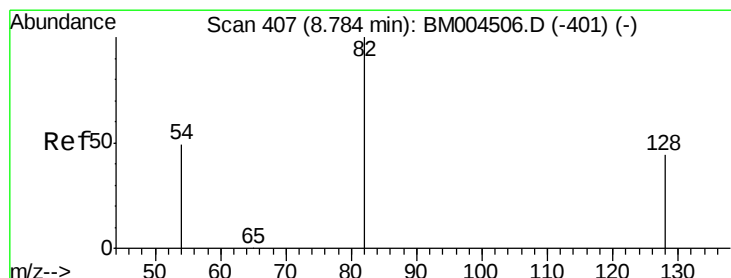
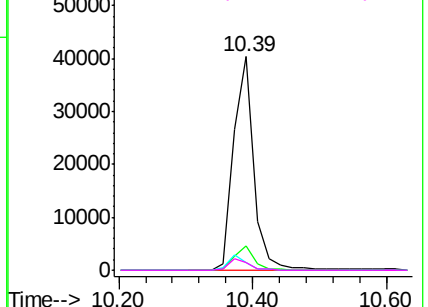
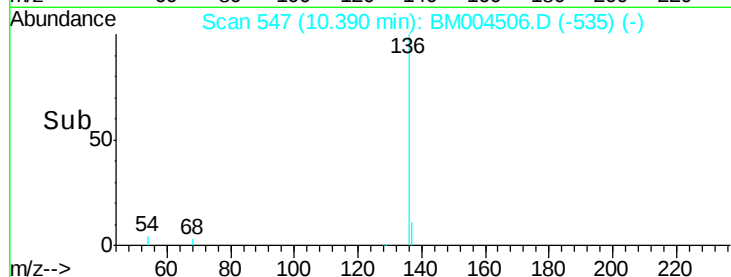


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#8

Nitrobenzene-d5

Concen: 0.86 ng

RT: 8.78 min Scan# 407

Delta R.T. 0.00 min

Lab File: BM004506.D

Acq: 02 Mar 2016 00:07

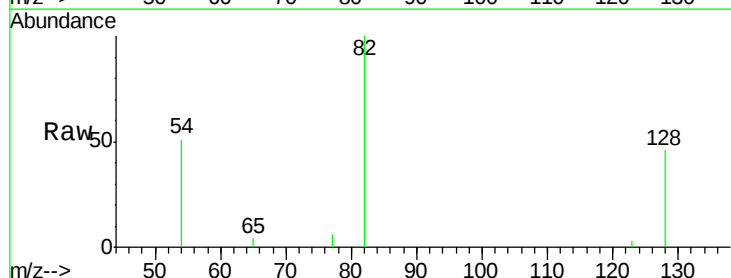
Tgt Ion: 82 Resp: 3638

Ion Ratio Lower Upper

82 100

128 45.8 36.6 55.0

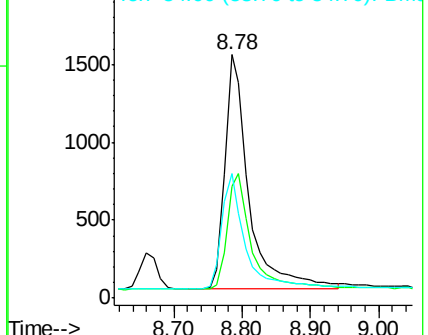
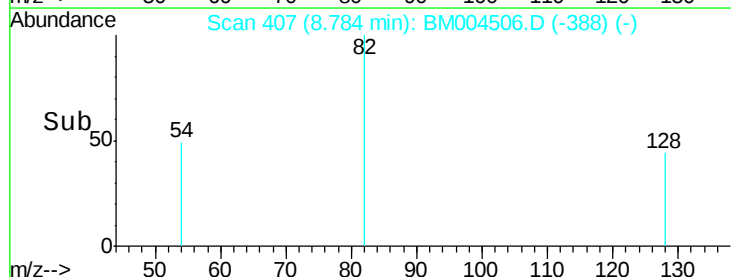
54 51.3 41.0 61.6

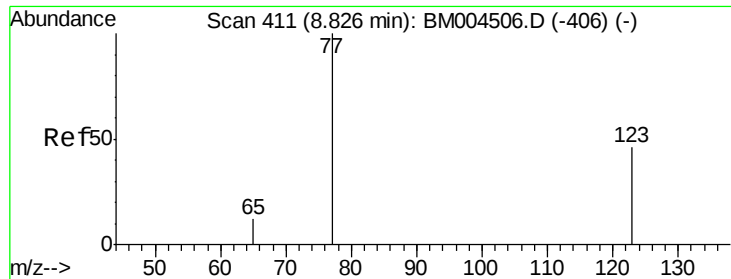


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 0.71 ng

RT: 8.83 min Scan# 411

Delta R.T. 0.00 min

Lab File: BM004506.D

Acq: 02 Mar 2016 00:07

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC001

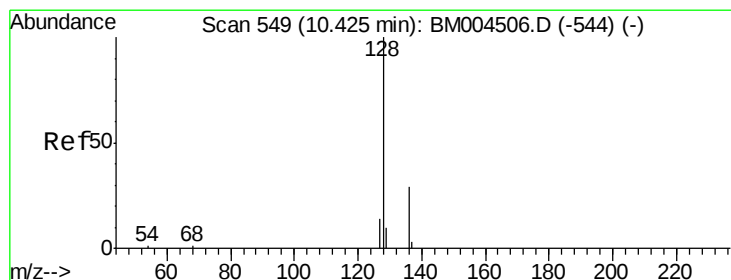
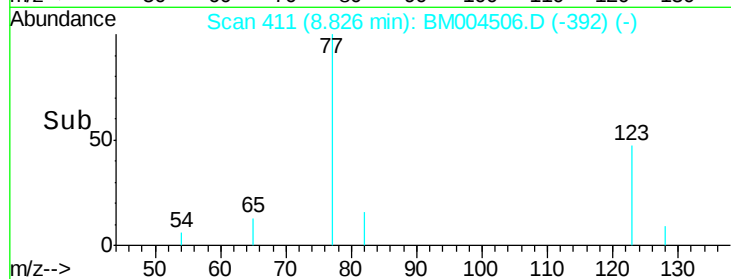
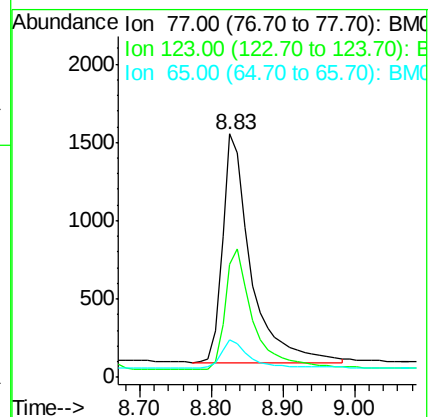
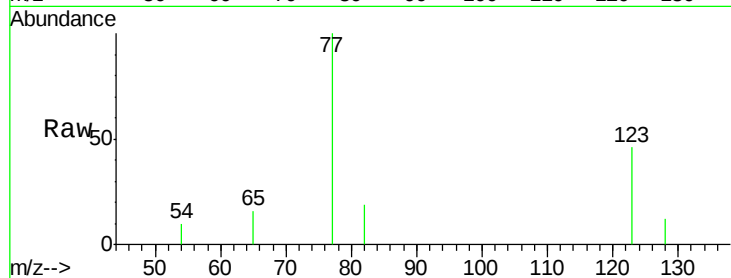
Tgt Ion: 77 Resp: 4003

Ion Ratio Lower Upper

77 100

123 53.1 42.3 63.5

65 12.5 10.1 15.1



#10

Naphthalene

Concen: 0.70 ng

RT: 10.42 min Scan# 549

Delta R.T. 0.00 min

Lab File: BM004506.D

Acq: 02 Mar 2016 00:07

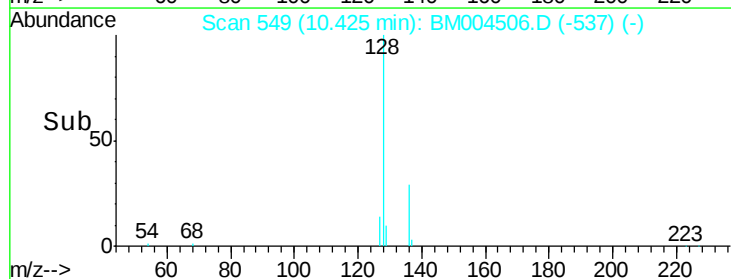
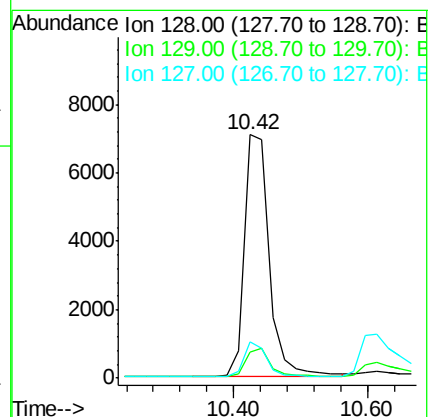
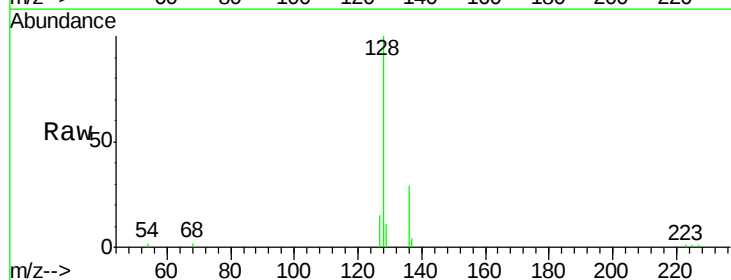
Tgt Ion: 128 Resp: 17986

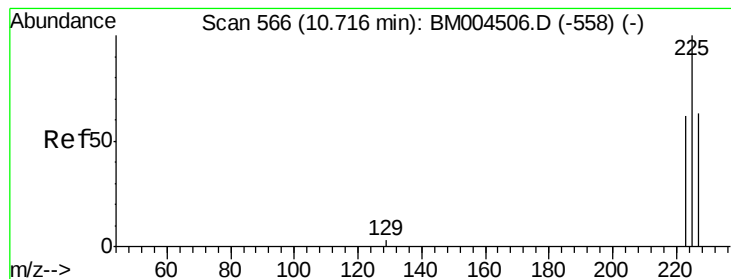
Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

127 14.7 11.8 17.6





#11

Hexachlorobutadiene

Concen: 0.82 ng

RT: 10.72 min Scan# 566

Delta R.T. 0.00 min

Lab File: BM004506.D

Acq: 02 Mar 2016 00:07

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC001

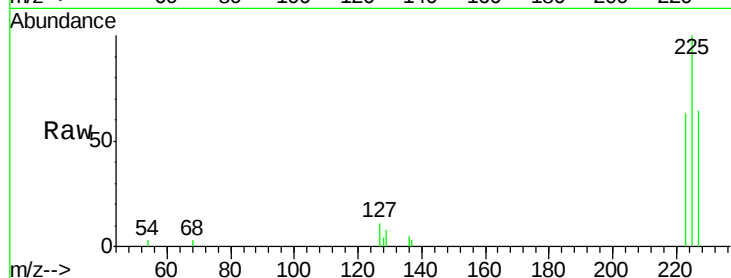
Tgt Ion:225 Resp: 3111

Ion Ratio Lower Upper

225 100

223 63.7 50.9 76.3

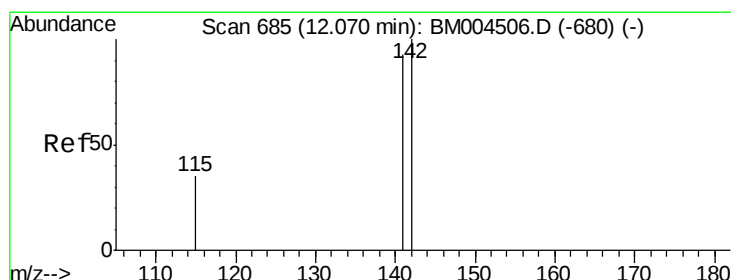
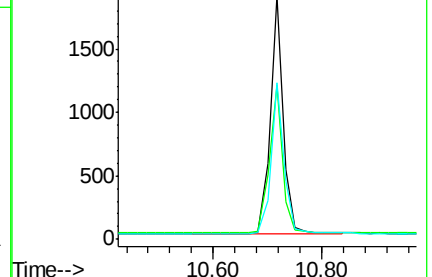
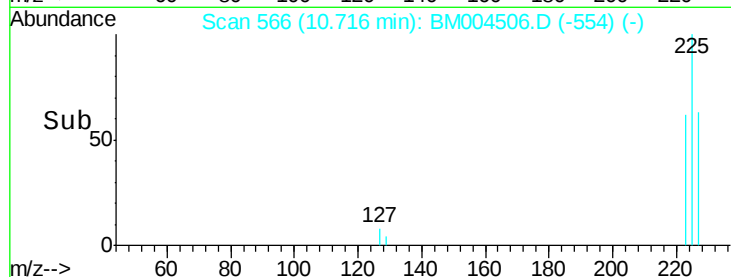
227 64.2 51.4 77.2



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#12

2-Methylnaphthalene

Concen: 0.77 ng

RT: 12.07 min Scan# 685

Delta R.T. 0.00 min

Lab File: BM004506.D

Acq: 02 Mar 2016 00:07

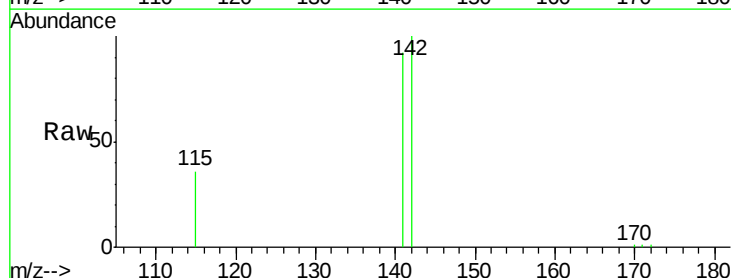
Tgt Ion:142 Resp: 11029

Ion Ratio Lower Upper

142 100

141 92.4 73.9 110.9

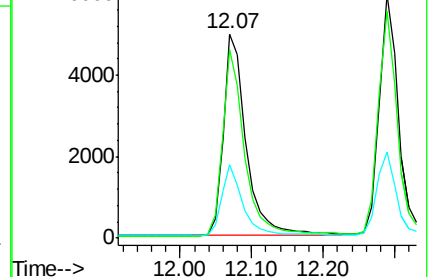
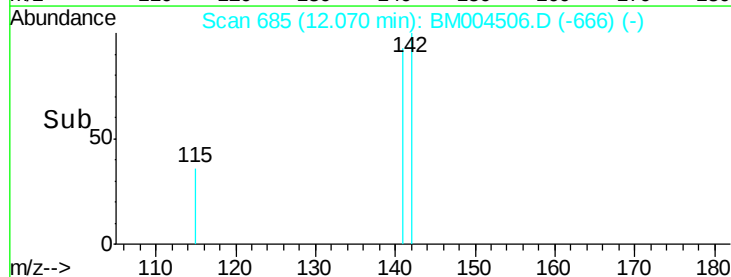
115 36.0 28.8 43.2

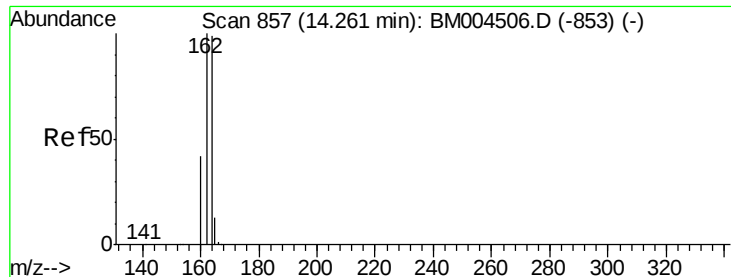


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.26 min Scan# 857

Delta R.T. 0.00 min

Lab File: BM004506.D

Acq: 02 Mar 2016 00:07

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC001

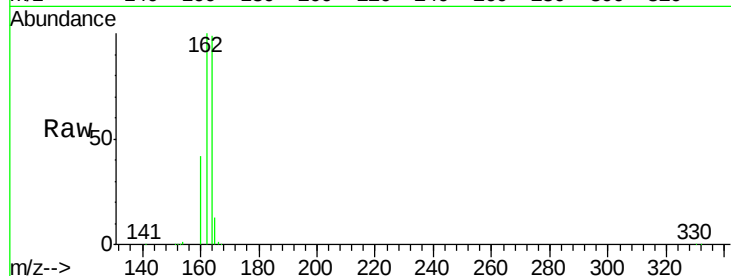
Tgt Ion:164 Resp: 43284

Ion Ratio Lower Upper

164 100

162 101.5 81.2 121.8

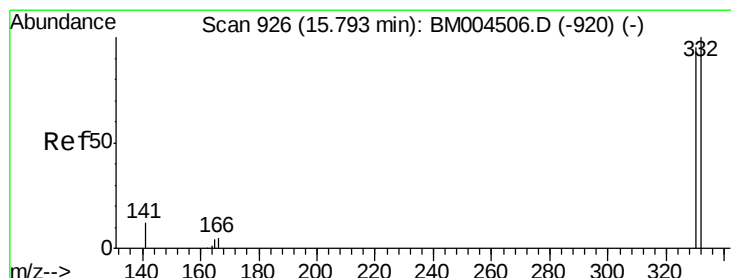
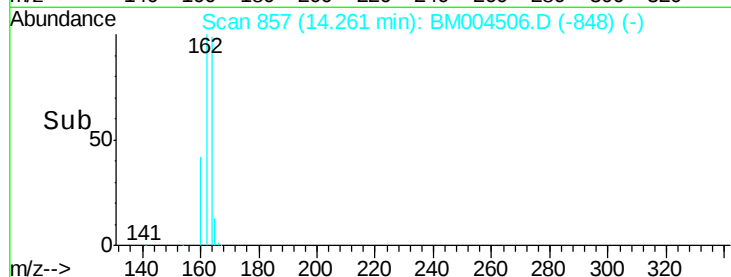
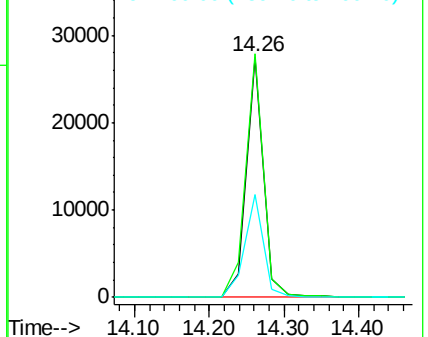
160 42.8 34.2 51.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.67 ng

RT: 15.79 min Scan# 926

Delta R.T. 0.00 min

Lab File: BM004506.D

Acq: 02 Mar 2016 00:07

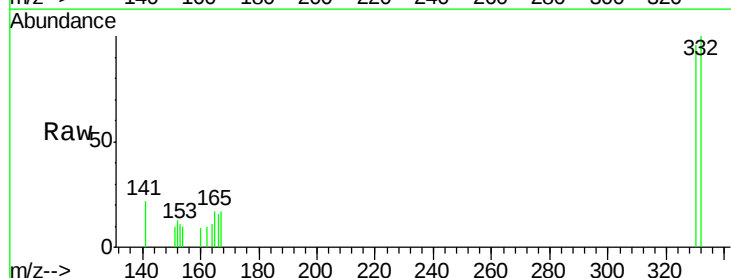
Tgt Ion:330 Resp: 1077

Ion Ratio Lower Upper

330 100

332 98.5 78.8 118.2

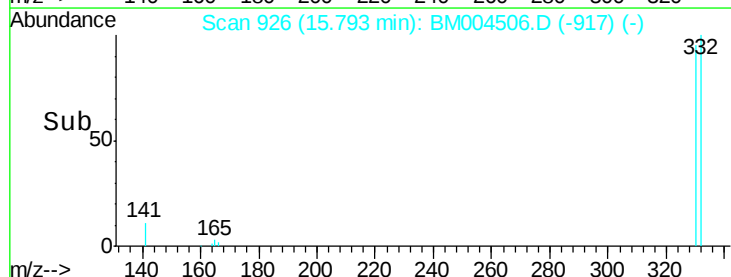
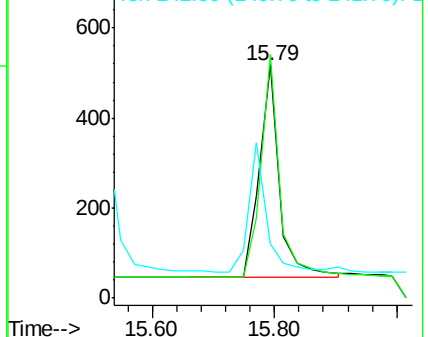
141 0.0 0.0 0.0

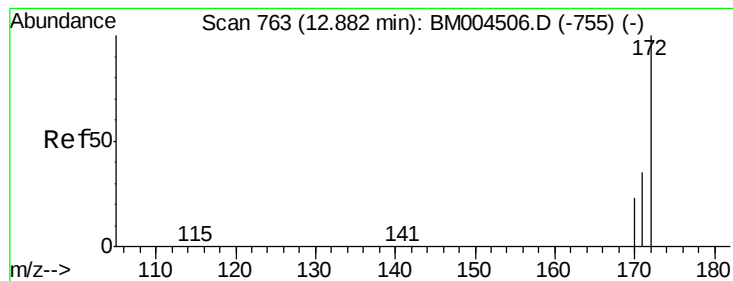


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

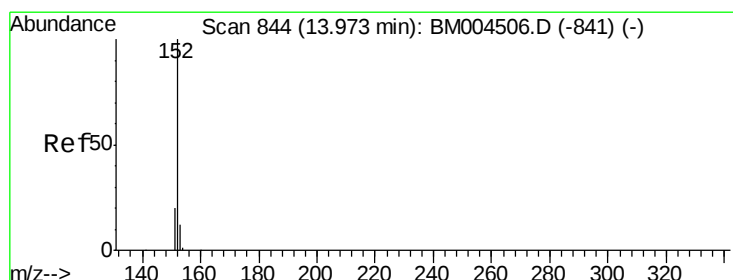
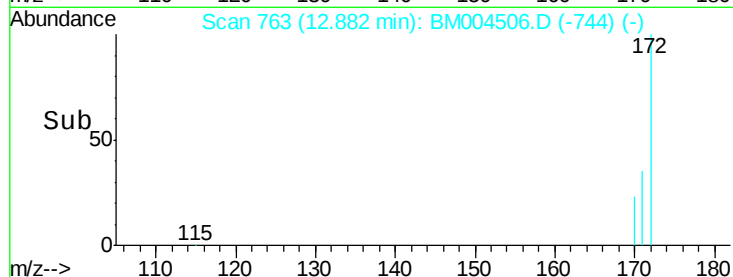
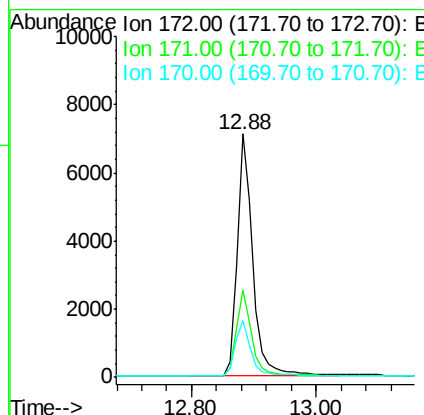
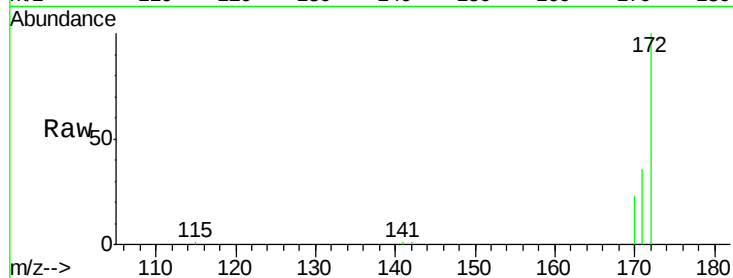




#15  
2-Fluorobiphenyl  
Concen: 0.94 ng  
RT: 12.88 min Scan# 763  
Delta R.T. 0.00 min  
Lab File: BM004506.D  
Acq: 02 Mar 2016 00:07

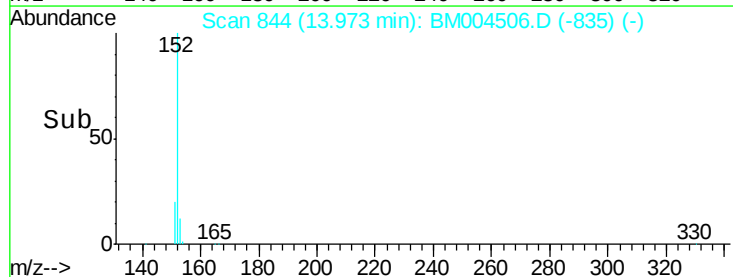
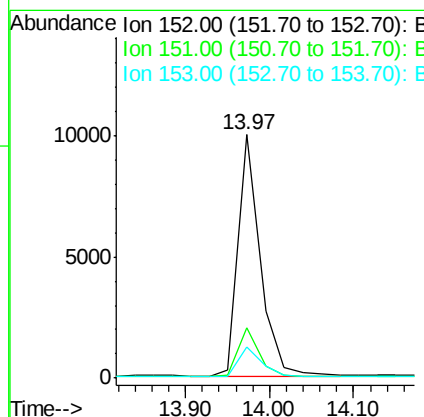
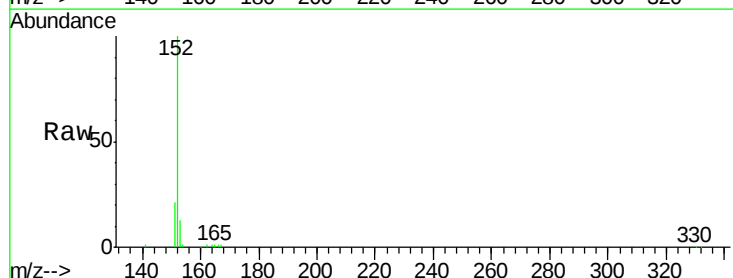
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC001

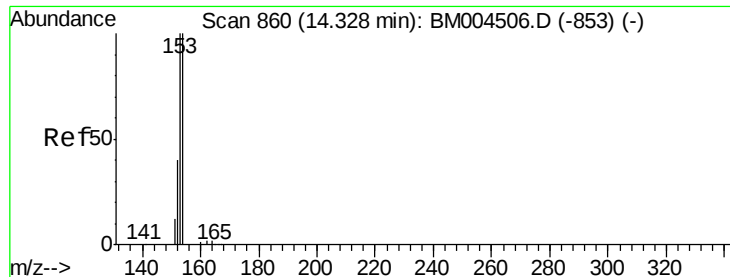
Tgt Ion:172 Resp: 12396  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.6 42.8  
170 23.4 18.7 28.1



#16  
Acenaphthylene  
Concen: 0.75 ng  
RT: 13.97 min Scan# 844  
Delta R.T. 0.00 min  
Lab File: BM004506.D  
Acq: 02 Mar 2016 00:07

Tgt Ion:152 Resp: 17997  
Ion Ratio Lower Upper  
152 100  
151 19.6 15.7 23.5  
153 12.8 10.2 15.4





#17

Acenaphthene

Concen: 0.71 ng

RT: 14.33 min Scan# 860

Delta R.T. 0.00 min

Lab File: BM004506.D

Acq: 02 Mar 2016 00:07

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC001

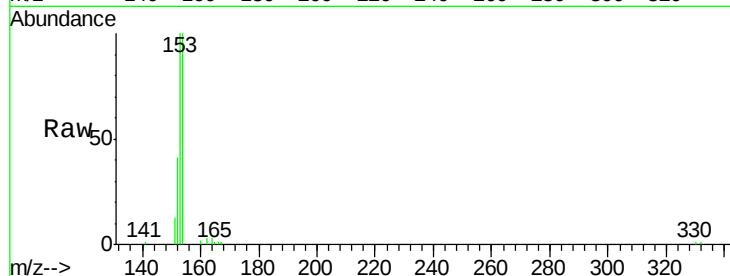
Tgt Ion:154 Resp: 11143

Ion Ratio Lower Upper

154 100

153 110.3 88.2 132.4

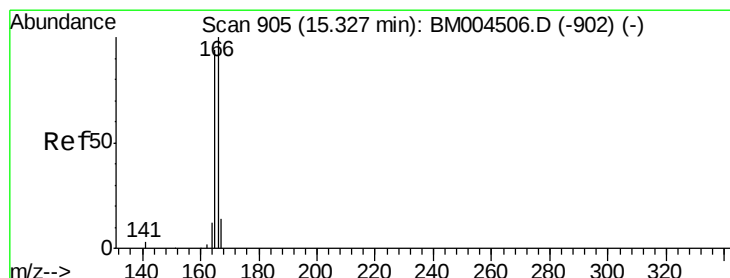
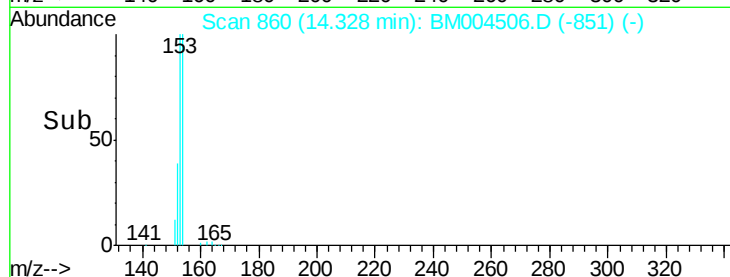
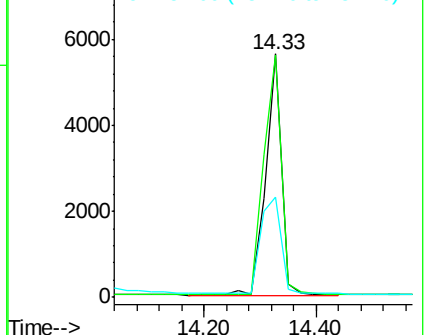
152 51.3 41.0 61.6



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: 0.73 ng

RT: 15.33 min Scan# 905

Delta R.T. 0.00 min

Lab File: BM004506.D

Acq: 02 Mar 2016 00:07

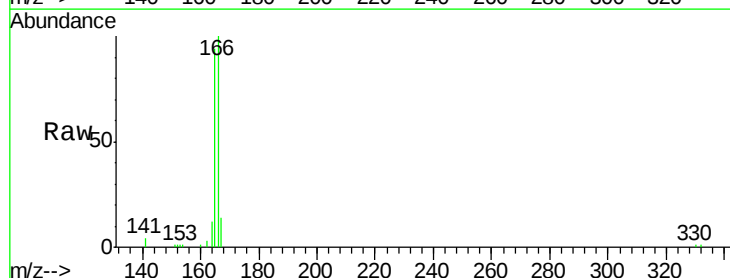
Tgt Ion:166 Resp: 13997

Ion Ratio Lower Upper

166 100

165 96.3 77.0 115.6

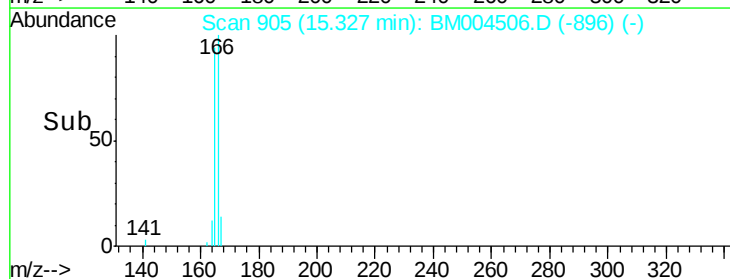
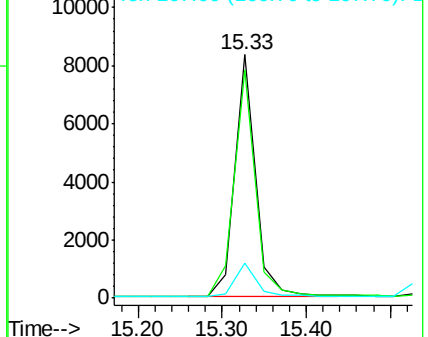
167 13.6 10.9 16.3

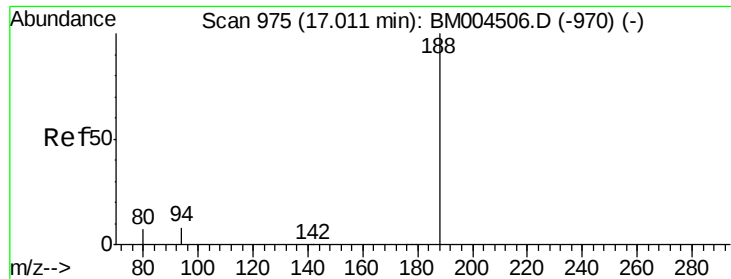


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

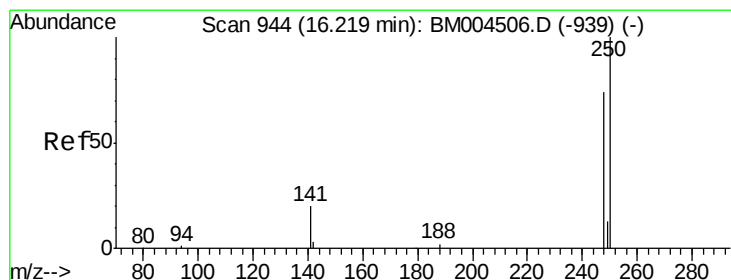
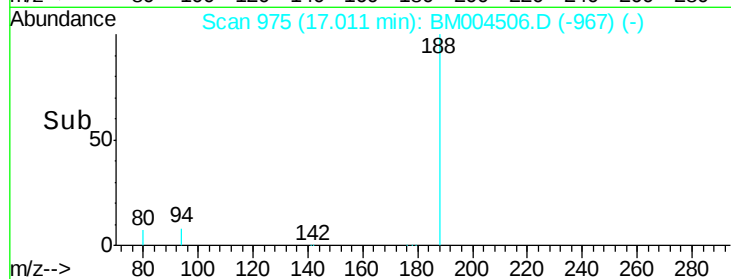
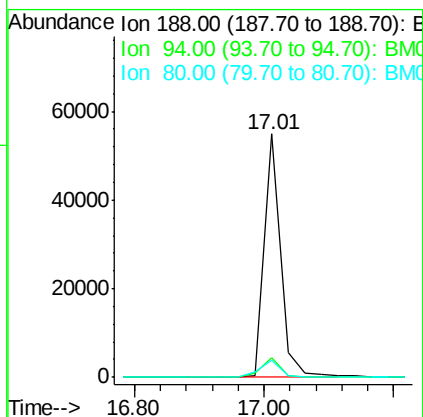
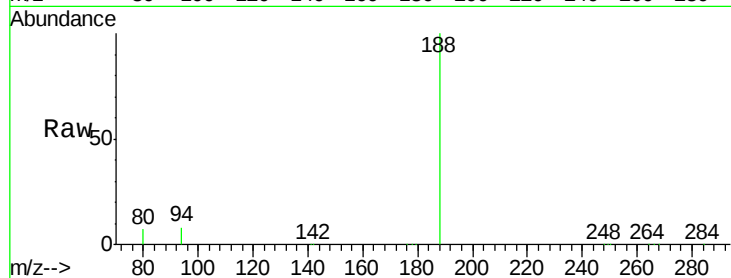




#19  
Phenanthrene-d10  
Concen: 5.00 ng  
RT: 17.01 min Scan# 975  
Delta R.T. 0.00 min  
Lab File: BM004506.D  
Acq: 02 Mar 2016 00:07

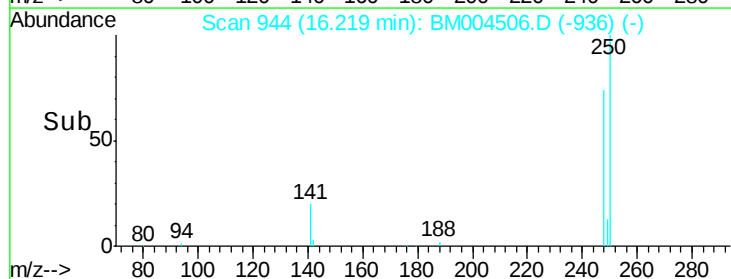
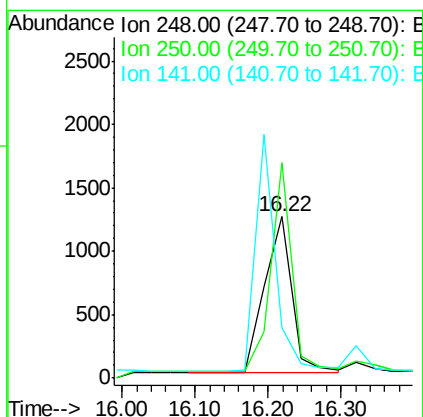
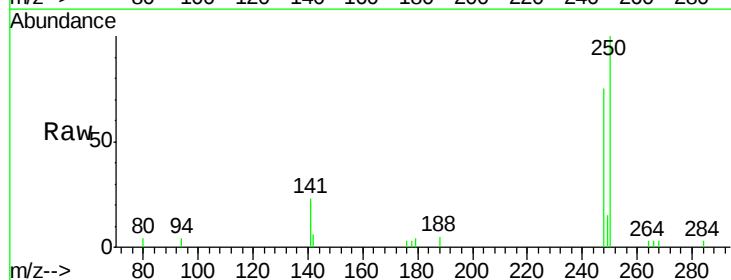
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICCC001

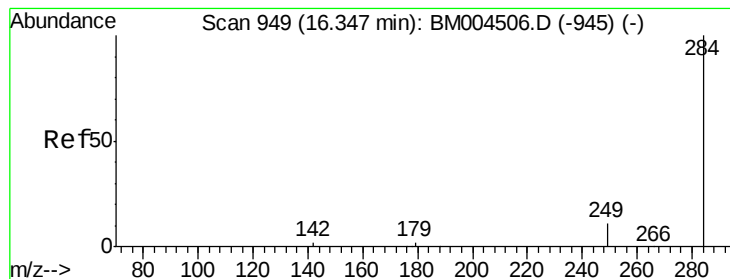
Tgt Ion:188 Resp: 96133  
Ion Ratio Lower Upper  
188 100  
94 7.8 6.2 9.4  
80 7.1 5.7 8.5



#20  
4-Bromophenyl-phenylether  
Concen: 0.61 ng  
RT: 16.22 min Scan# 944  
Delta R.T. 0.00 min  
Lab File: BM004506.D  
Acq: 02 Mar 2016 00:07

Tgt Ion:248 Resp: 3156  
Ion Ratio Lower Upper  
248 100  
250 104.6 83.7 125.5  
141 0.0 0.0 0.0





#21

Hexachlorobenzene

Concen: 0.64 ng

RT: 16.35 min Scan# 949

Delta R.T. 0.00 min

Lab File: BM004506.D

Acq: 02 Mar 2016 00:07

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC001

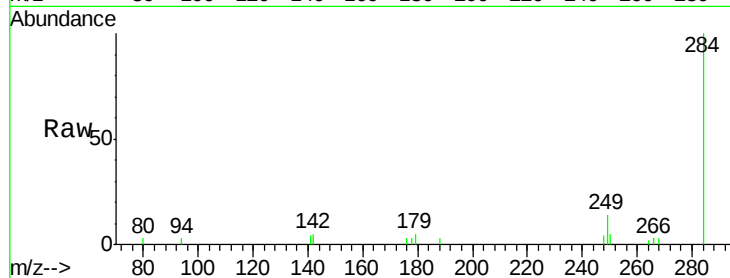
Tgt Ion:284 Resp: 3717

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

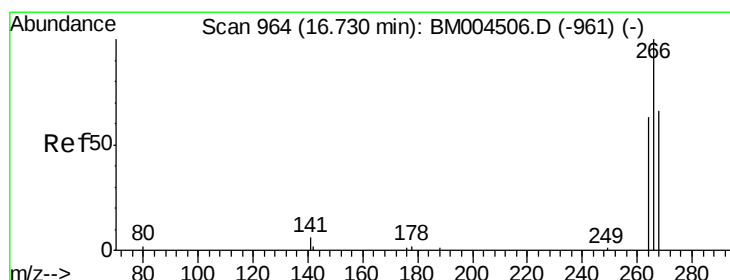
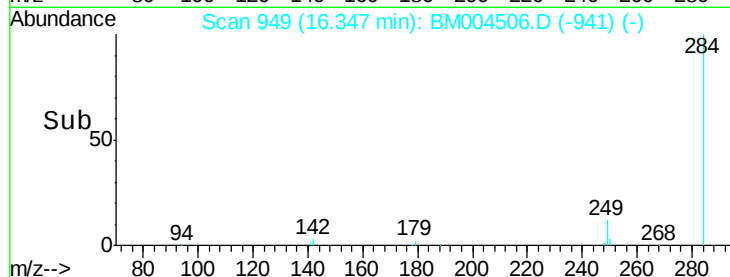
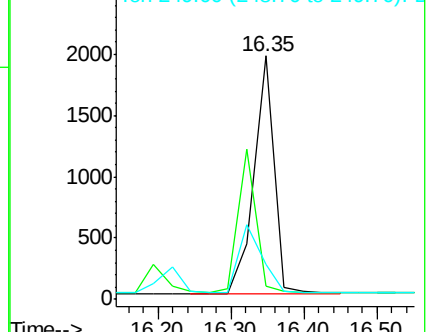
249 0.0 0.0 0.0



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: 0.35 ng

RT: 16.73 min Scan# 964

Delta R.T. 0.00 min

Lab File: BM004506.D

Acq: 02 Mar 2016 00:07

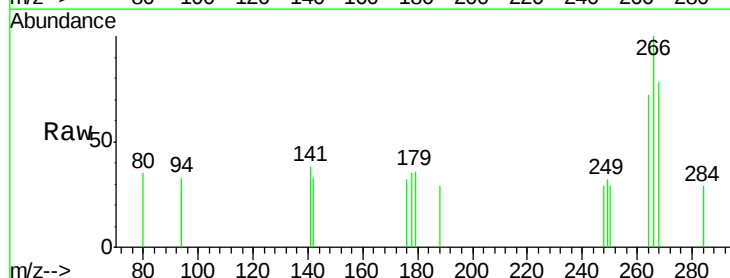
Tgt Ion:266 Resp: 488

Ion Ratio Lower Upper

266 100

268 77.6 62.1 93.1

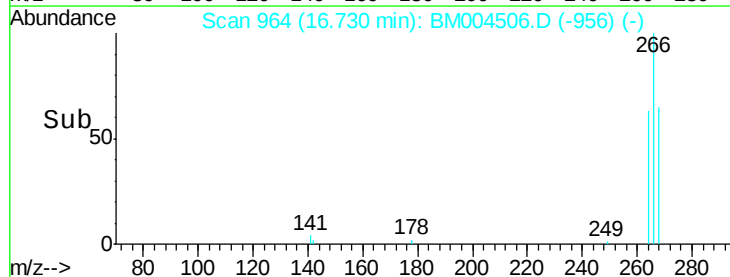
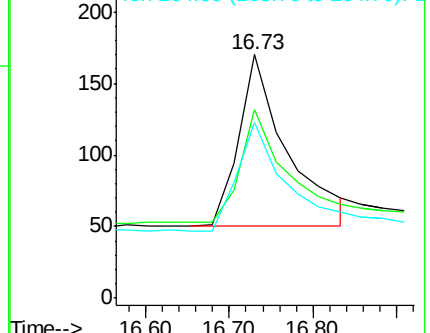
264 72.4 57.9 86.9

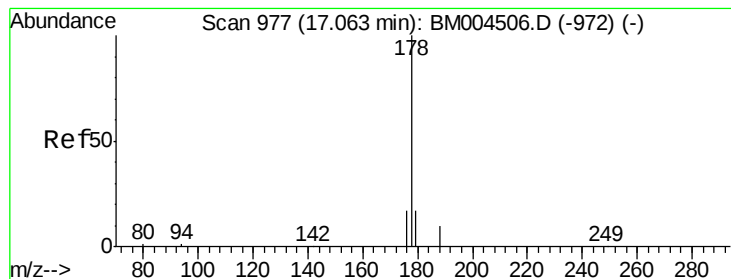


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 0.61 ng

RT: 17.06 min Scan# 977

Delta R.T. 0.00 min

Lab File: BM004506.D

Acq: 02 Mar 2016 00:07

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC001

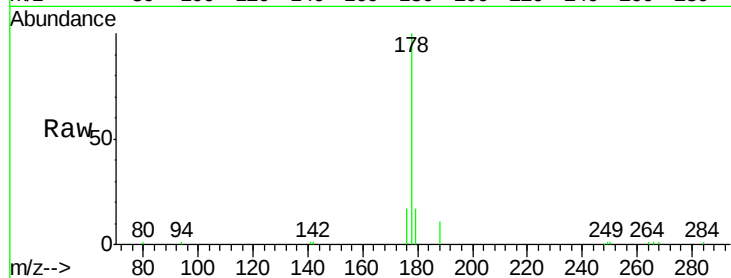
Tgt Ion:178 Resp: 20231

Ion Ratio Lower Upper

178 100

176 18.6 14.9 22.3

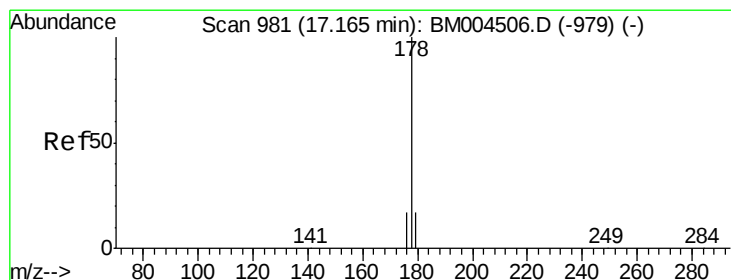
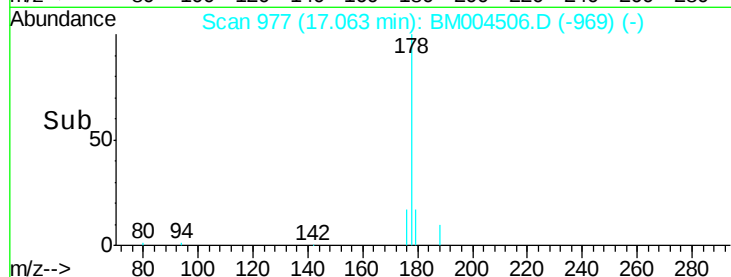
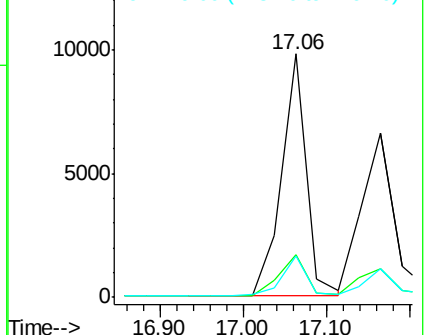
179 16.1 12.9 19.3



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: 0.61 ng

RT: 17.16 min Scan# 981

Delta R.T. 0.00 min

Lab File: BM004506.D

Acq: 02 Mar 2016 00:07

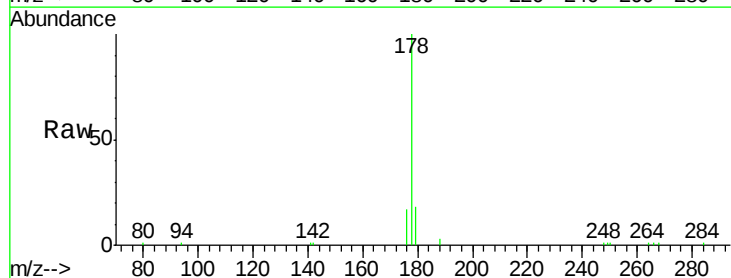
Tgt Ion:178 Resp: 17037

Ion Ratio Lower Upper

178 100

176 18.9 12.7 19.1

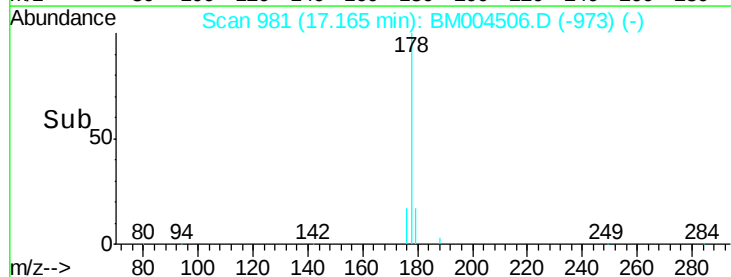
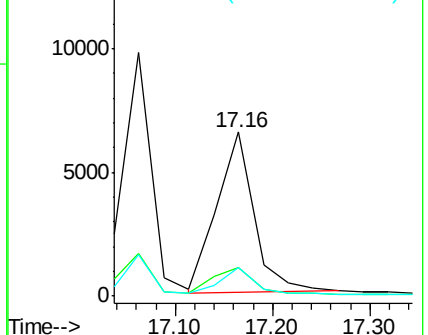
179 15.0 10.4 15.6

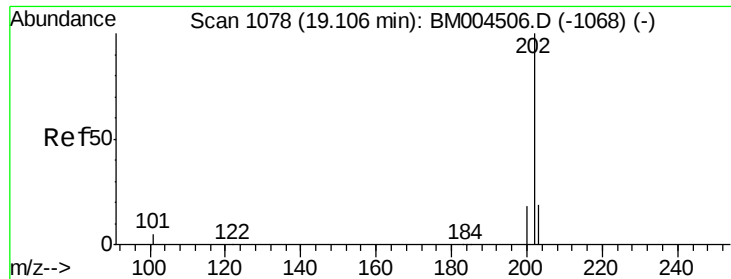


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 0.68 ng

RT: 19.11 min Scan# 1078

Delta R.T. 0.00 min

Lab File: BM004506.D

Acq: 02 Mar 2016 00:07

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC001

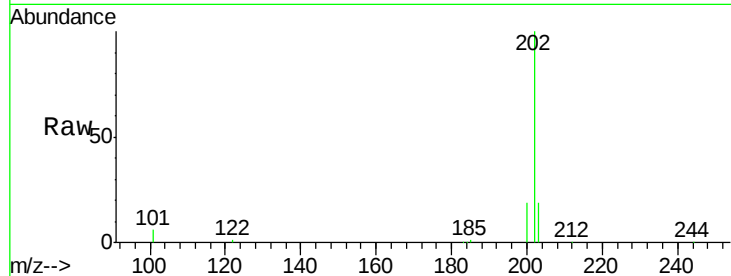
Tgt Ion:202 Resp: 24126

Ion Ratio Lower Upper

202 100

101 12.4 9.9 14.9

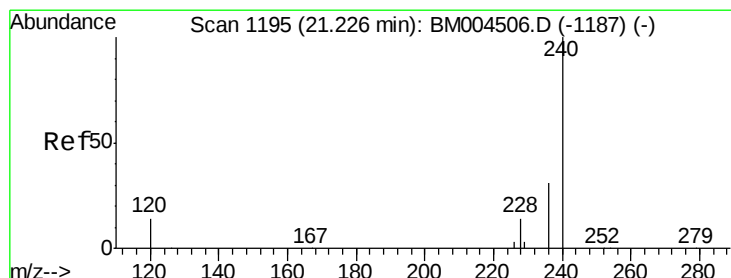
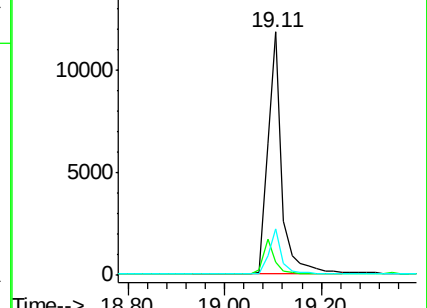
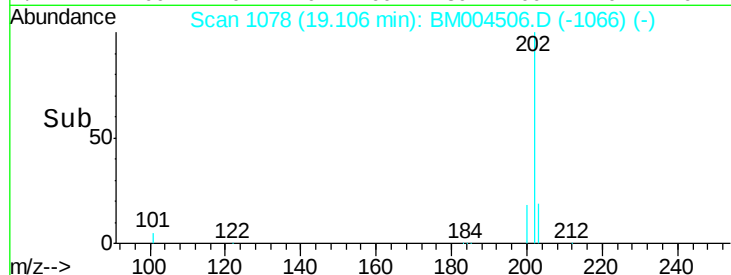
203 17.3 13.8 20.8



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



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.23 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BM004506.D

Acq: 02 Mar 2016 00:07

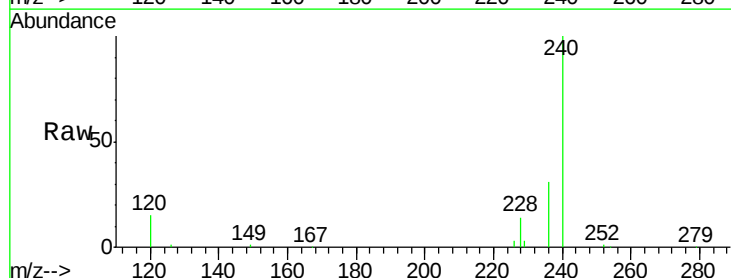
Tgt Ion:240 Resp: 76174

Ion Ratio Lower Upper

240 100

120 14.6 11.7 17.5

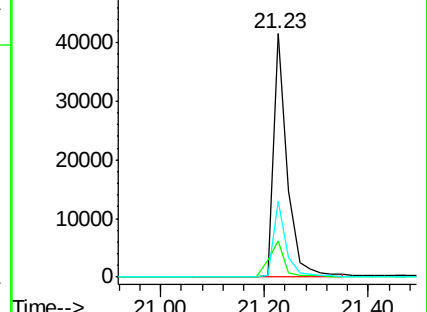
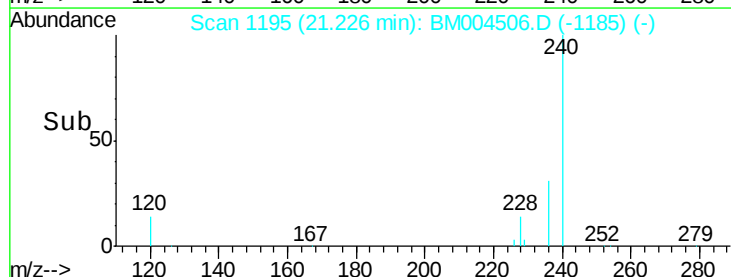
236 31.0 24.8 37.2

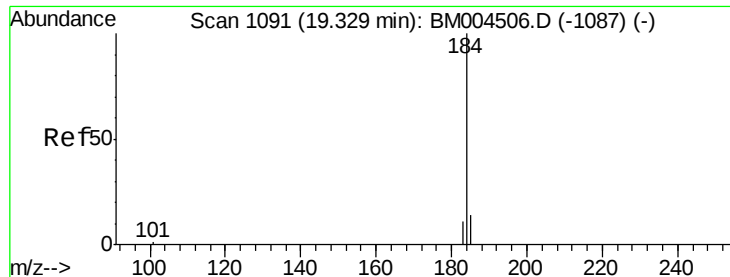


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.65 ng

RT: 19.33 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BM004506.D

Acq: 02 Mar 2016 00:07

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC001

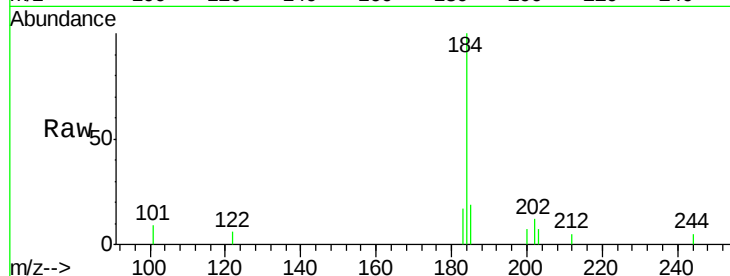
Tgt Ion:184 Resp: 5179

Ion Ratio Lower Upper

184 100

185 19.2 15.4 23.0

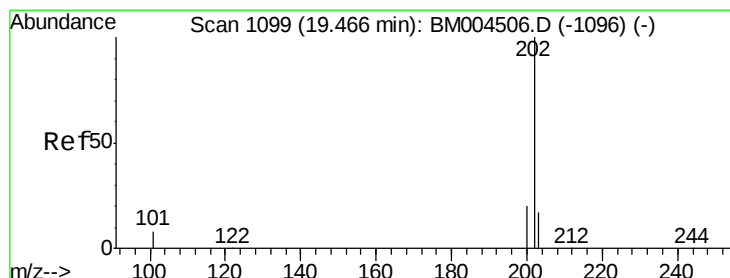
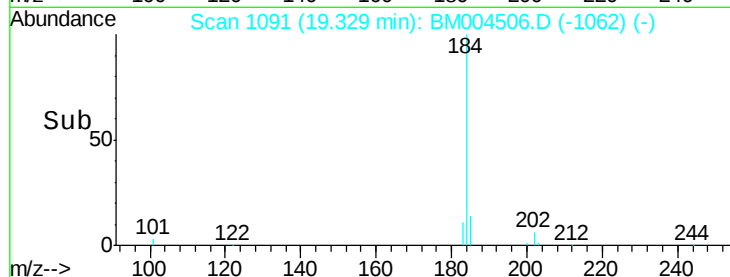
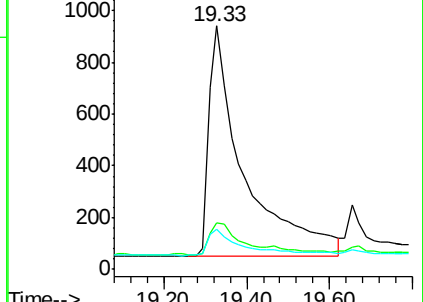
183 16.6 13.3 19.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#28

Pyrene

Concen: 0.84 ng

RT: 19.47 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BM004506.D

Acq: 02 Mar 2016 00:07

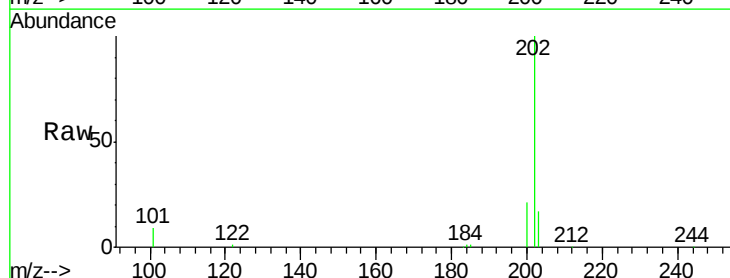
Tgt Ion:202 Resp: 25118

Ion Ratio Lower Upper

202 100

200 20.8 16.6 25.0

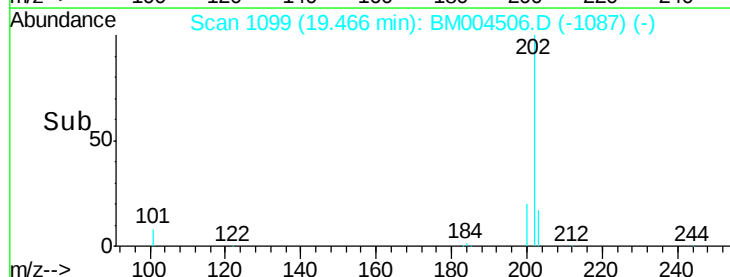
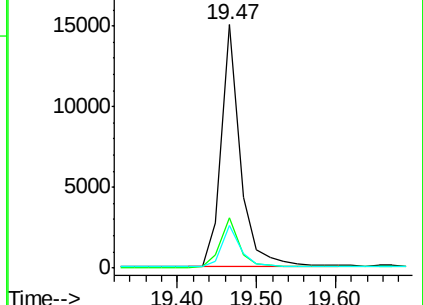
203 17.3 13.8 20.8

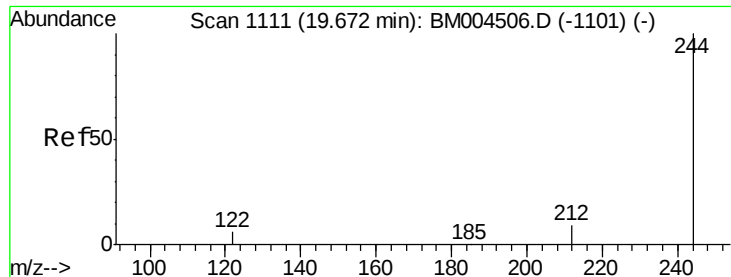


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 1.17 ng

RT: 19.67 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BM004506.D

Acq: 02 Mar 2016 00:07

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC001

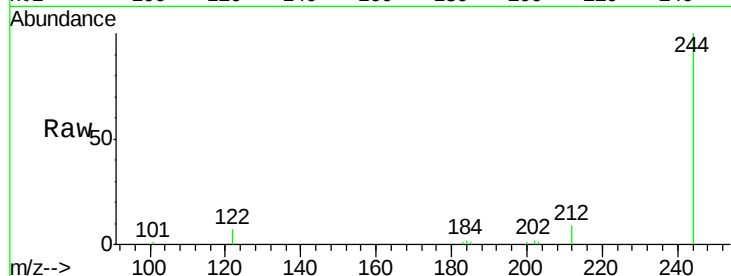
Tgt Ion:244 Resp: 12027

Ion Ratio Lower Upper

244 100

212 9.4 7.5 11.3

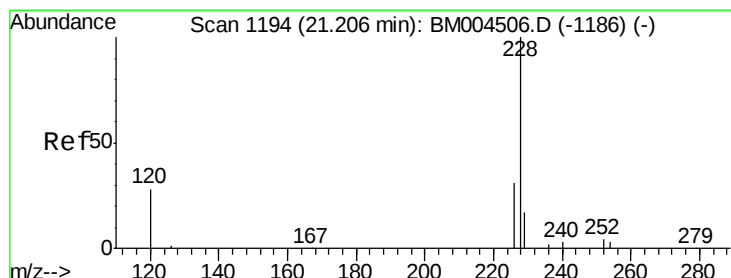
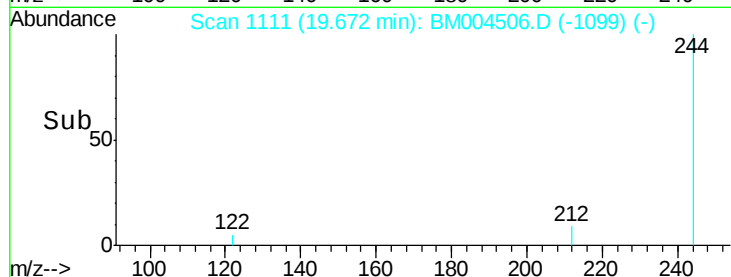
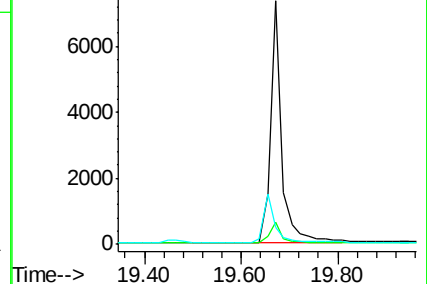
122 6.8 5.4 8.2



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: 0.82 ng

RT: 21.21 min Scan# 1194

Delta R.T. 0.00 min

Lab File: BM004506.D

Acq: 02 Mar 2016 00:07

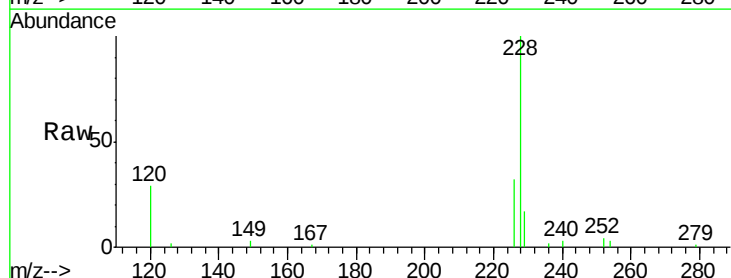
Tgt Ion:228 Resp: 22738

Ion Ratio Lower Upper

228 100

226 31.5 25.2 37.8

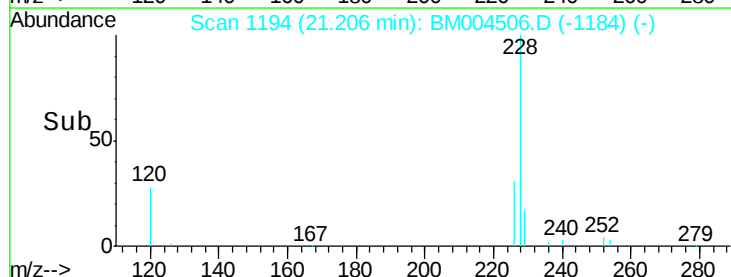
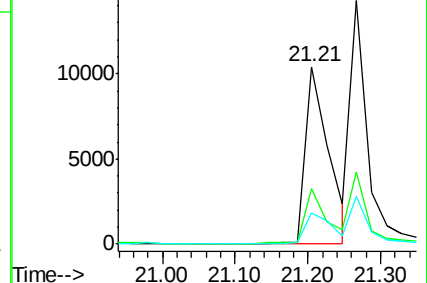
229 17.4 13.9 20.9

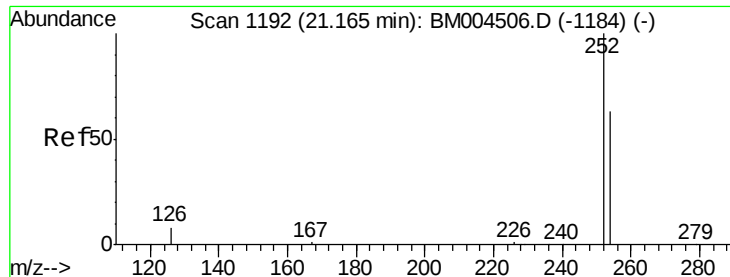


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

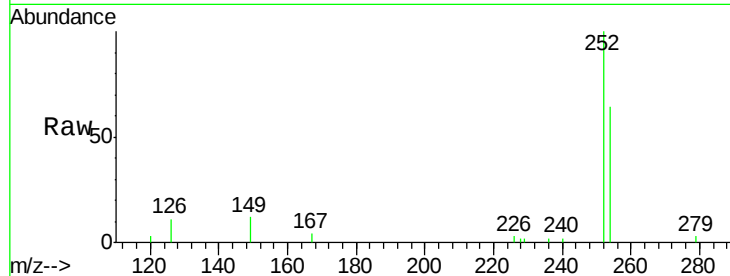




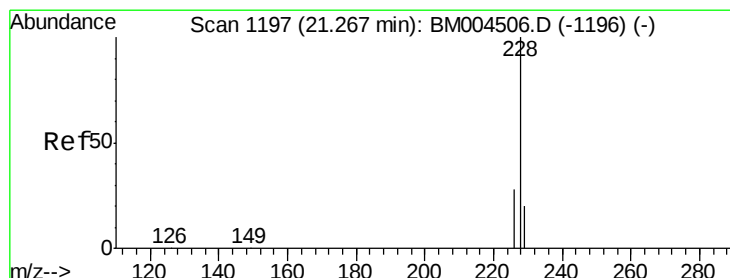
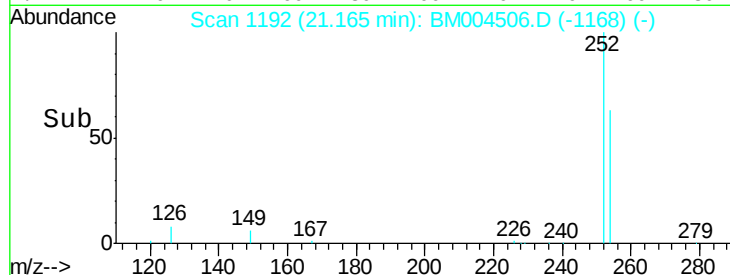
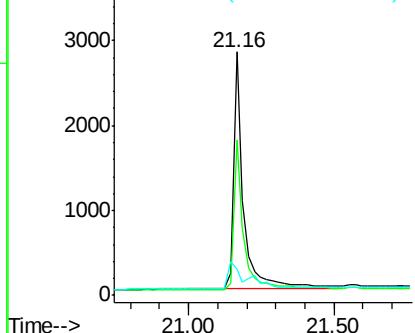
#31  
 3,3'-Dichlorobenzidine  
 Concen: 0.42 ng  
 RT: 21.16 min Scan# 1192  
 Delta R.T. 0.00 min  
 Lab File: BM004506.D  
 Acq: 02 Mar 2016 00:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC001

Tgt Ion: 252 Resp: 6818  
 Ion Ratio Lower Upper  
 252 100  
 254 63.9 51.1 76.7  
 126 10.5 8.4 12.6

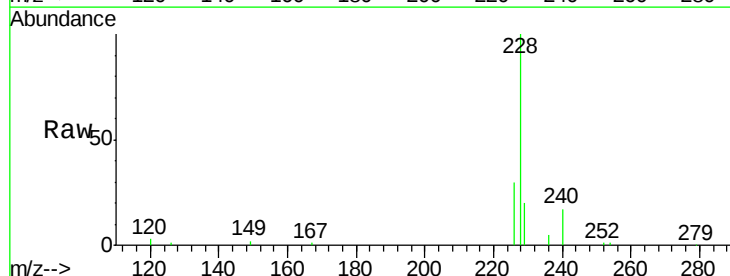


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

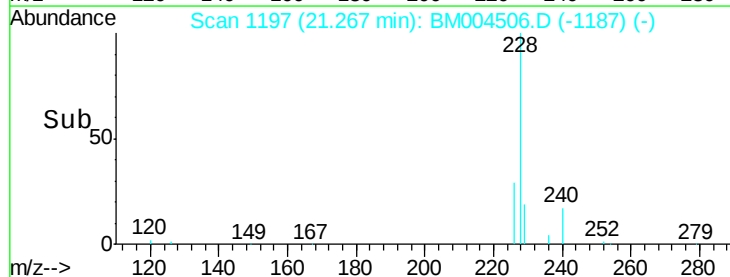
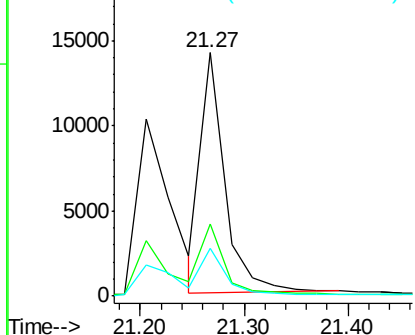


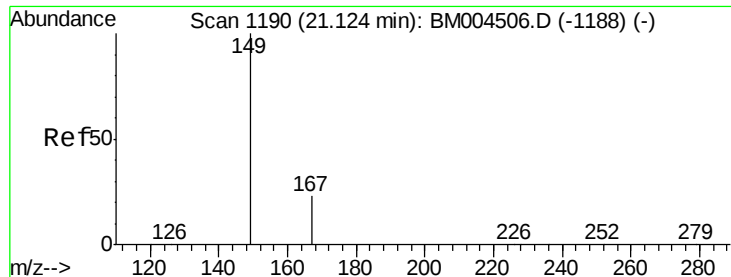
#32  
 Chrysene  
 Concen: 0.41 ng  
 RT: 21.27 min Scan# 1197  
 Delta R.T. 0.00 min  
 Lab File: BM004506.D  
 Acq: 02 Mar 2016 00:07

Tgt Ion: 228 Resp: 22695  
 Ion Ratio Lower Upper  
 228 100  
 226 29.6 23.7 35.5  
 229 19.7 15.8 23.6



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





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.72 ng

RT: 21.12 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BM004506.D

Acq: 02 Mar 2016 00:07

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC001

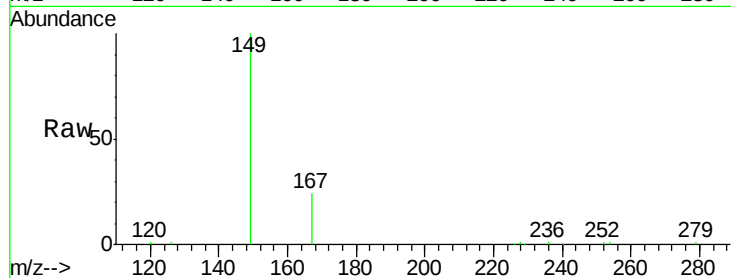
Tgt Ion:149 Resp: 15096

Ion Ratio Lower Upper

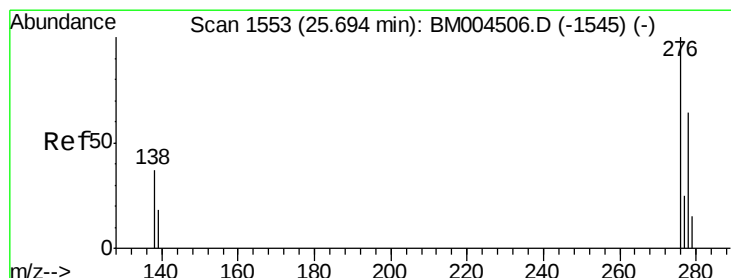
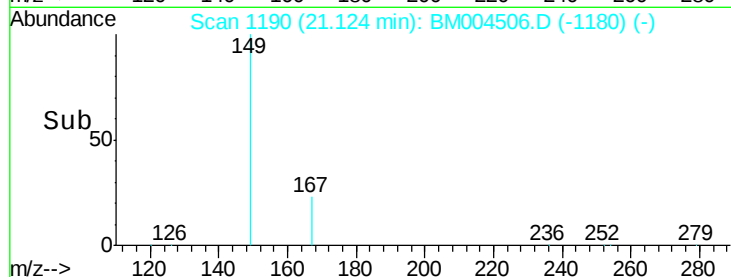
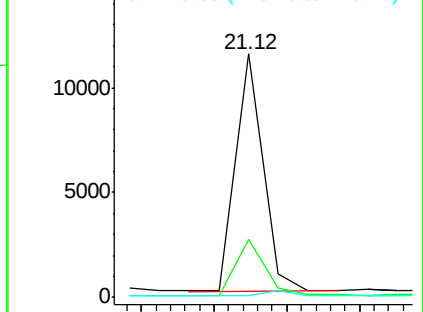
149 100

167 24.9 19.9 29.9

279 0.0 0.0 0.0



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



#34

Indeno(1,2,3-cd)pyrene

Concen: 0.77 ng

RT: 25.69 min Scan# 1553

Delta R.T. 0.00 min

Lab File: BM004506.D

Acq: 02 Mar 2016 00:07

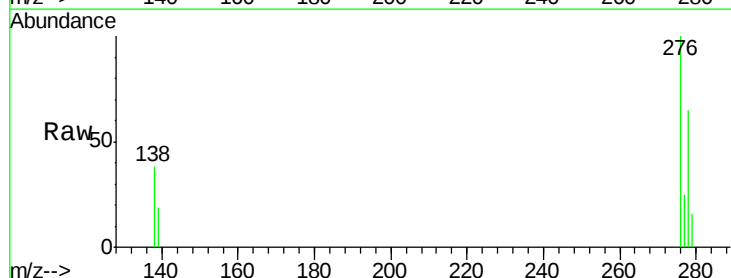
Tgt Ion:276 Resp: 19780

Ion Ratio Lower Upper

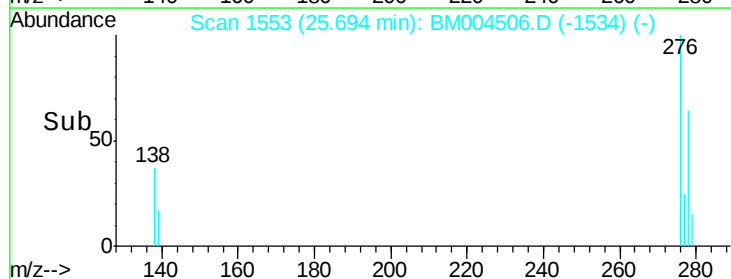
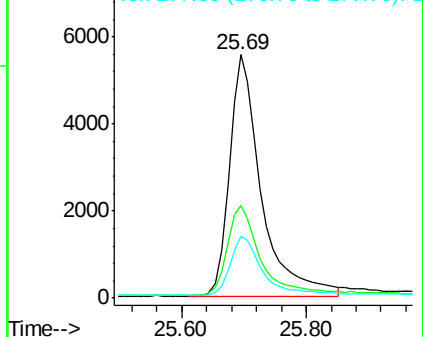
276 100

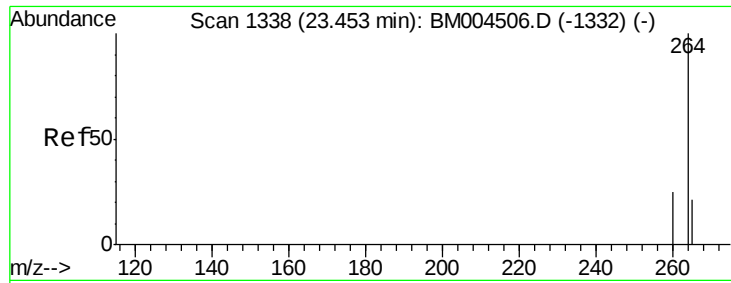
138 38.7 31.0 46.4

277 24.9 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E

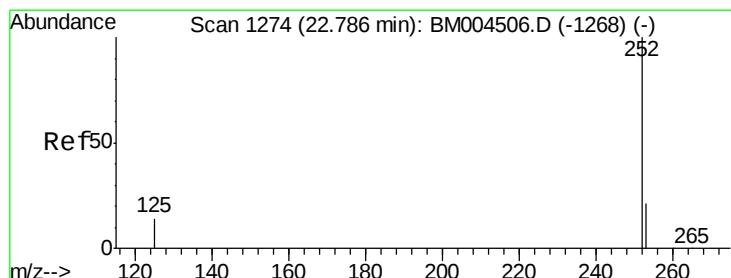
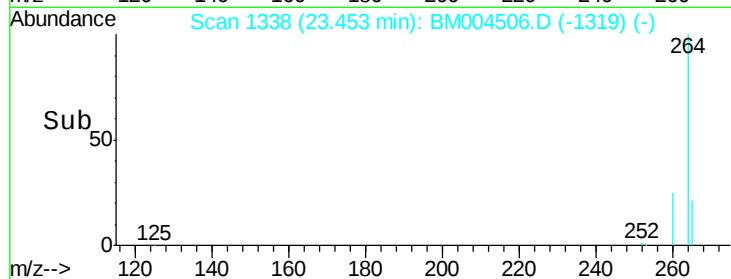
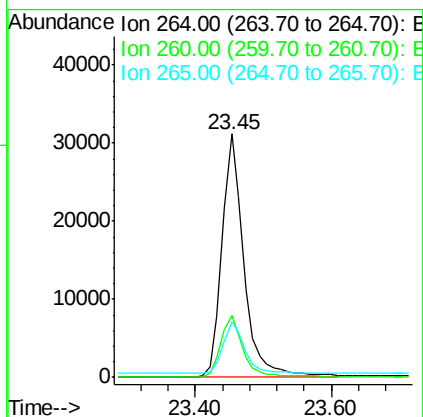
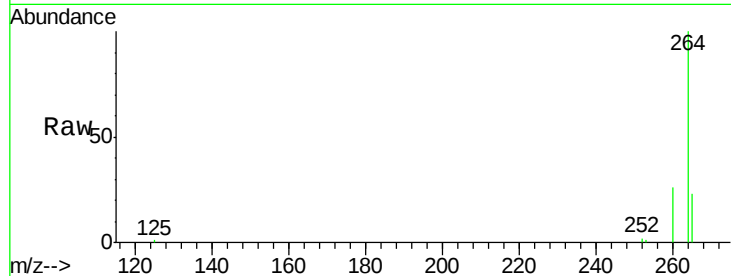




#35  
 Perylene-d12  
 Concen: 5.00 ng  
 RT: 23.45 min Scan# 1338  
 Delta R.T. 0.00 min  
 Lab File: BM004506.D  
 Acq: 02 Mar 2016 00:07

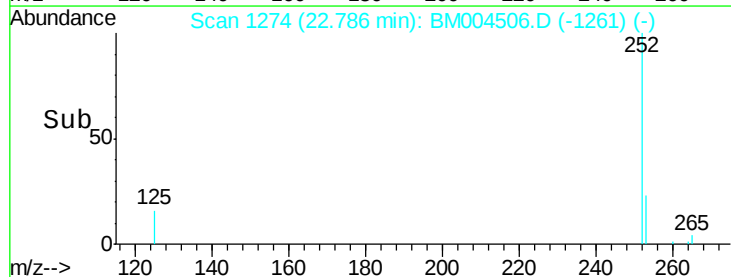
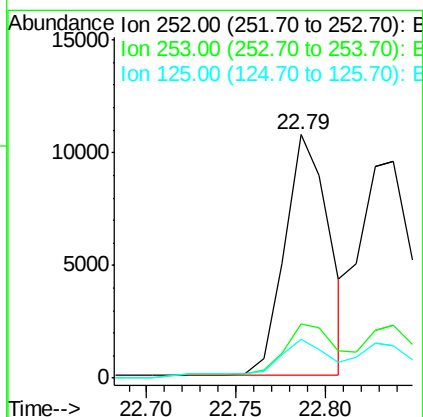
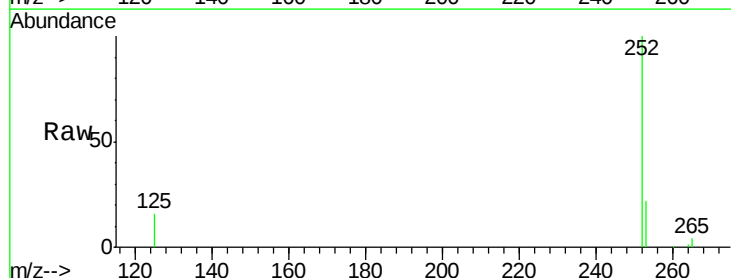
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC001

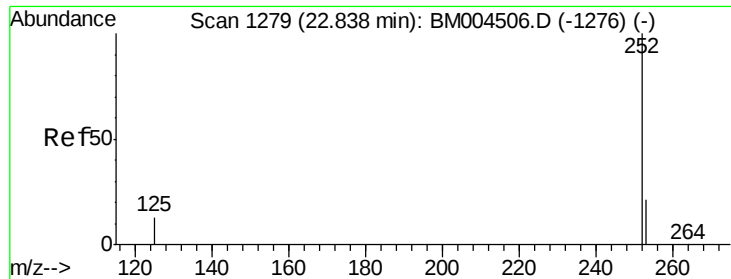
Tgt Ion: 264 Resp: 69108  
 Ion Ratio Lower Upper  
 264 100  
 260 25.6 20.5 30.7  
 265 22.6 18.1 27.1



#36  
 Benzo(b)fluoranthene  
 Concen: 0.72 ng  
 RT: 22.79 min Scan# 1274  
 Delta R.T. 0.00 min  
 Lab File: BM004506.D  
 Acq: 02 Mar 2016 00:07

Tgt Ion: 252 Resp: 18524  
 Ion Ratio Lower Upper  
 252 100  
 253 22.4 17.9 26.9  
 125 16.0 12.8 19.2





#37

Benzo(k)fluoranthene

Concen: 0.83 ng

RT: 22.84 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BM004506.D

Acq: 02 Mar 2016 00:07

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC001

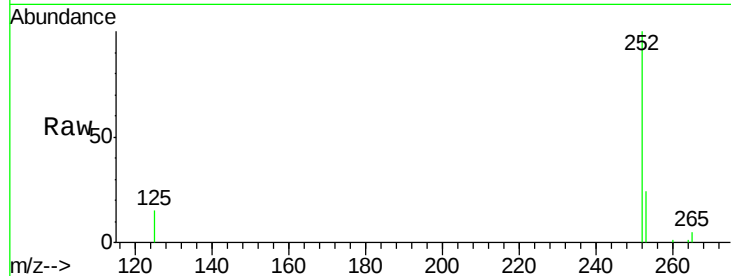
Tgt Ion:252 Resp: 21764

Ion Ratio Lower Upper

252 100

253 24.3 19.4 29.2

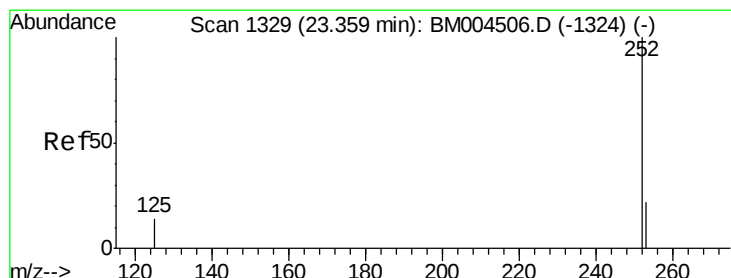
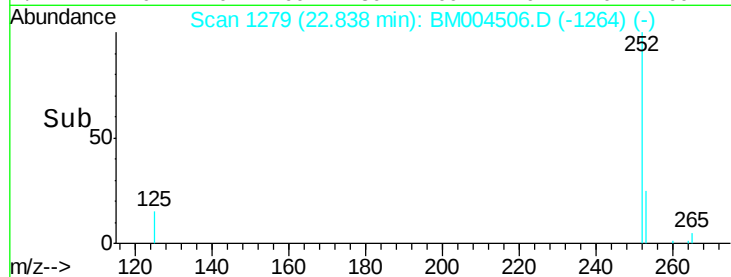
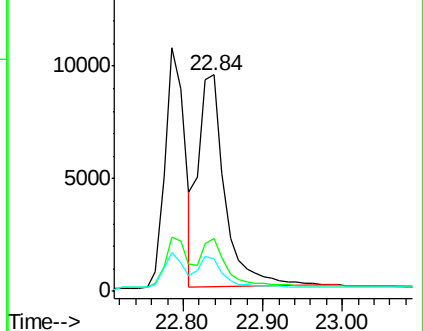
125 14.8 11.8 17.8



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



#38

Benzo(a)pyrene

Concen: 0.79 ng

RT: 23.36 min Scan# 1329

Delta R.T. 0.00 min

Lab File: BM004506.D

Acq: 02 Mar 2016 00:07

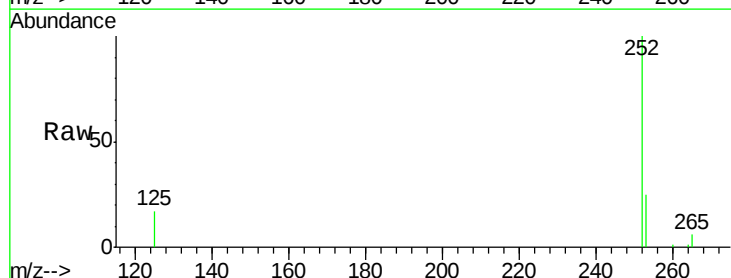
Tgt Ion:252 Resp: 18802

Ion Ratio Lower Upper

252 100

253 25.0 20.0 30.0

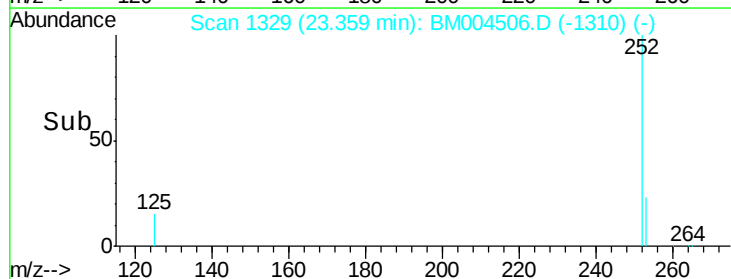
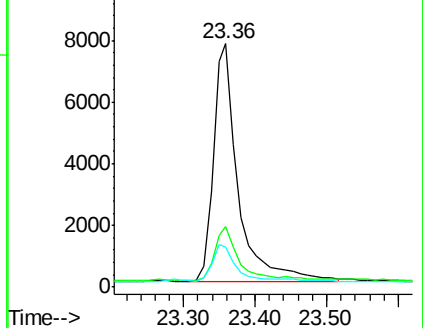
125 16.7 13.4 20.0

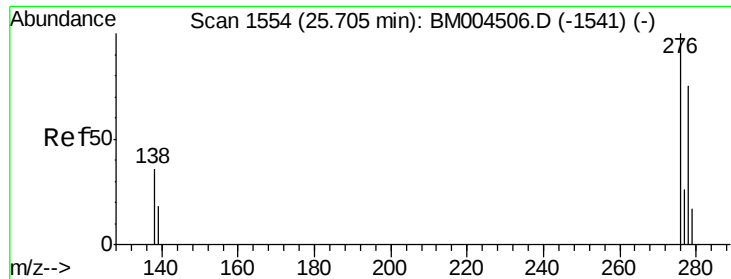


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 0.75 ng

RT: 25.70 min Scan# 1554

Delta R.T. 0.00 min

Lab File: BM004506.D

Acq: 02 Mar 2016 00:07

Instrument :

BNA\_F

ClientSampleId :

SSTDICCC001

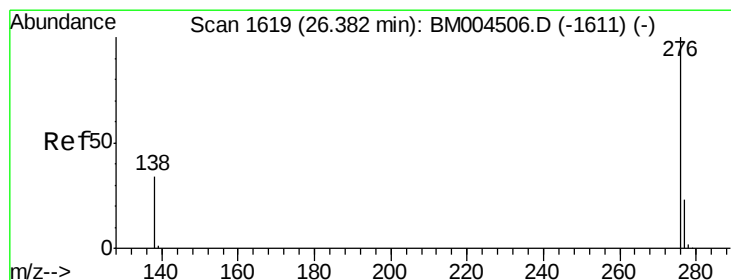
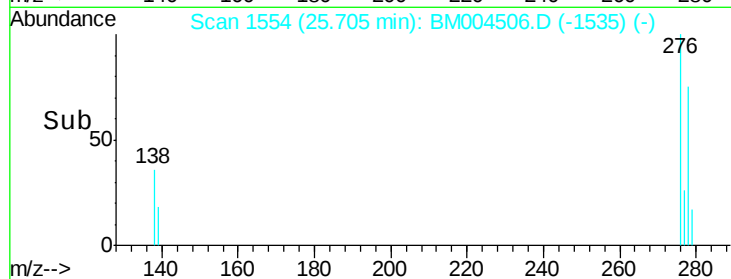
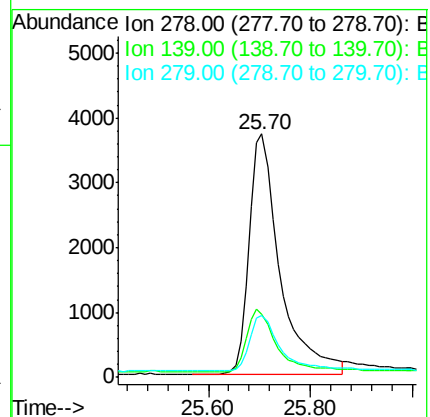
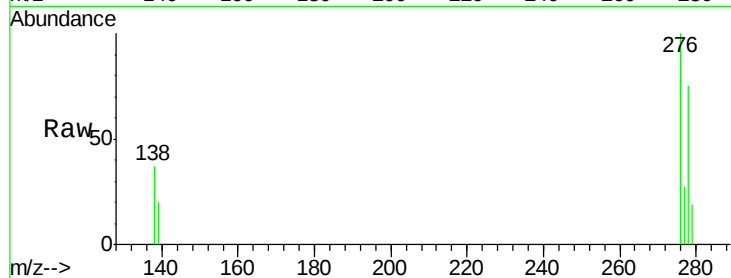
Tgt Ion:278 Resp: 15503

Ion Ratio Lower Upper

278 100

139 26.1 20.9 31.3

279 25.5 20.4 30.6



#40

Benzo(g,h,i)perylene

Concen: 0.77 ng

RT: 26.38 min Scan# 1619

Delta R.T. 0.00 min

Lab File: BM004506.D

Acq: 02 Mar 2016 00:07

Tgt Ion:276 Resp: 17529

Ion Ratio Lower Upper

276 100

277 24.2 19.4 29.0

138 35.2 28.2 42.2

