

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\  
 Data File : BM009257.D  
 Acq On : 14 Mar 2017 15:58  
 Operator : SJ/MA  
 Sample : SSTDC0020EC  
 Misc :  
 ALS Vial : 51 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Mar 15 01:53:38 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Mar 15 01:51:24 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.87  | 152  | 148415   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.67 | 136  | 726277   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.52 | 164  | 551559   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.27 | 188  | 1472709  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.44 | 240  | 2150370  | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.78 | 264  | 2136456  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.34  | 96  | 27982   | 8.30  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.03  | 99  | 294412  | 18.34 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.21  | 67  | 201469  | 19.27 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.40  | 132 | 188302  | 19.19 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.57  | 113 | 242063  | 18.90 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.04  | 128 | 102595  | 19.78 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.76  | 143 | 114399  | 19.87 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.29 | 165 | 236069  | 19.20 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.82 | 131 | 300411  | 20.49 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.92 | 166 | 910253  | 21.73 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.21 | 160 | 1056821 | 21.94 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.71 | 143 | 177007  | 21.28 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.51 | 176 | 817927  | 21.88 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.63 | 200 | 162982  | 18.50 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.37 | 188 | 1359615 | 19.51 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.66 | 212 | 1745385 | 20.11 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.63 | 264 | 1975035 | 20.21 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |       | Ovalue    |
|--------------------------------|-------|-----|--------|-------|-----------|
| 2) 1,4-Dioxane                 | 3.38  | 88  | 27442  | 7.68  | ng/uL# 58 |
| 4) Benzaldehyde                | 7.02  | 77  | 234746 | 21.82 | ng/ul 84  |
| 6) Phenol                      | 7.06  | 94  | 315509 | 18.40 | ng/ul# 78 |
| 8) Bis(2-Chloroethyl)ether     | 7.30  | 93  | 229170 | 18.66 | ng/ul# 75 |
| 10) 2-Chlorophenol             | 7.44  | 128 | 197137 | 19.48 | ng/ul# 77 |
| 11) 2-Methylphenol             | 8.31  | 108 | 221497 | 17.83 | ng/ul 99  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.41  | 45  | 397490 | 19.43 | ng/ul# 87 |
| 14) Acetophenone               | 8.70  | 105 | 401896 | 18.68 | ng/ul# 78 |
| 15) N-Nitroso-di-n-propylamine | 8.68  | 70  | 254372 | 19.28 | ng/ul# 80 |
| 16) 4-Methylphenol             | 8.64  | 108 | 271560 | 19.28 | ng/ul 97  |
| 17) Hexachloroethane           | 8.95  | 117 | 85498  | 19.30 | ng/ul 96  |
| 20) Nitrobenzene               | 9.08  | 77  | 345408 | 19.97 | ng/ul# 79 |
| 21) Isophorone                 | 9.60  | 82  | 671850 | 19.64 | ng/ul# 93 |
| 23) 2-Nitrophenol              | 9.79  | 139 | 126340 | 20.16 | ng/ul# 69 |
| 24) 2,4-Dimethylphenol         | 9.84  | 107 | 314434 | 19.55 | ng/ul# 83 |
| 25) Bis(2-Chloroethoxy)methane | 10.09 | 93  | 367860 | 19.61 | ng/ul# 97 |
| 27) 2,4-Dichlorophenol         | 10.32 | 162 | 241193 | 19.81 | ng/ul 94  |
| 28) Naphthalene                | 10.73 | 128 | 733315 | 19.69 | ng/ul 98  |
| 30) 4-Chloroaniline            | 10.84 | 127 | 313933 | 20.20 | ng/ul 97  |
| 31) Hexachlorobutadiene        | 11.00 | 225 | 163892 | 19.53 | ng/ul 95  |
| 32) Caprolactam                | 11.62 | 113 | 91503  | 18.00 | ng/ul# 31 |
| 33) 4-Chloro-3-methylphenol    | 11.95 | 107 | 323331 | 20.24 | ng/ul 94  |
| 34) 2-Methylnaphthalene        | 12.33 | 142 | 582611 | 19.65 | ng/ul 98  |

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\  
 Data File : BM009257.D  
 Acq On : 14 Mar 2017 15:58  
 Operator : SJ/MA  
 Sample : SSTDC0020EC  
 Misc :  
 ALS Vial : 51 Sample Multiplier: 1

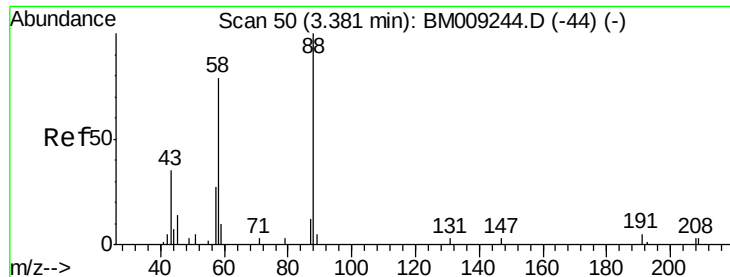
Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Mar 15 01:53:38 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Mar 15 01:51:24 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.70 | 216  | 367364   | 22.15 | ng/ul# | 97       |
| 37) Hexachlorocyclopentadiene  | 12.67 | 237  | 177189   | 18.89 | ng/ul  | 97       |
| 38) 2,4,6-Trichlorophenol      | 12.94 | 196  | 232031   | 22.06 | ng/ul  | 94       |
| 39) 2,4,5-Trichlorophenol      | 13.01 | 196  | 260777   | 21.64 | ng/ul  | 94       |
| 40) 1,1'-Biphenyl              | 13.35 | 154  | 833674   | 21.57 | ng/ul# | 98       |
| 41) 2-Chloronaphthalene        | 13.39 | 162  | 639582   | 21.39 | ng/ul  | 96       |
| 42) 2-Nitroaniline             | 13.60 | 65   | 262949   | 21.41 | ng/ul# | 66       |
| 44) Dimethylphthalate          | 13.97 | 163  | 902746   | 21.49 | ng/ul  | 98       |
| 45) 2,6-Dinitrotoluene         | 14.10 | 165  | 173341   | 21.44 | ng/ul# | 70       |
| 47) Acenaphthylene             | 14.24 | 152  | 1049987  | 21.77 | ng/ul  | 99       |
| 48) 3-Nitroaniline             | 14.43 | 138  | 194879   | 22.64 | ng/ul  | 85       |
| 49) Acenaphthene               | 14.58 | 153  | 742026   | 21.87 | ng/ul  | 99       |
| 50) 2,4-Dinitrophenol          | 14.63 | 184  | 104784   | 19.77 | ng/ul# | 81       |
| 52) 4-Nitrophenol              | 14.73 | 109  | 198560   | 20.44 | ng/ul# | 77       |
| 53) Dibenzofuran               | 14.92 | 168  | 1086566  | 21.73 | ng/ul  | 95       |
| 54) 2,4-Dinitrotoluene         | 14.89 | 165  | 271663   | 21.82 | ng/ul# | 68       |
| 55) 2,3,4,6-Tetrachlorophenol  | 15.14 | 232  | 252937   | 21.87 | ng/ul# | 88       |
| 56) Diethylphthalate           | 15.33 | 149  | 947542   | 21.54 | ng/ul  | 98       |
| 58) Fluorene                   | 15.57 | 166  | 919145   | 21.30 | ng/ul  | 99       |
| 59) 4-Chlorophenyl-phenylether | 15.56 | 204  | 478835   | 21.60 | ng/ul  | 92       |
| 60) 4-Nitroaniline             | 15.60 | 138  | 225178   | 23.04 | ng/ul# | 76       |
| 63) 4,6-Dinitro-2-methylphenol | 15.64 | 198  | 179642   | 19.41 | ng/ul# | 82       |
| 64) N-Nitrosodiphenylamine     | 15.77 | 169  | 825969   | 19.96 | ng/ul  | 99       |
| 65) 4-Bromophenyl-phenylether  | 16.45 | 248  | 312282   | 19.63 | ng/ul  | 87       |
| 66) Hexachlorobenzene          | 16.56 | 284  | 349857   | 19.77 | ng/ul  | 94       |
| 67) Atrazine                   | 16.72 | 200  | 332622   | 19.22 | ng/ul  | 98       |
| 68) Pentachlorophenol          | 16.91 | 266  | 211359   | 18.18 | ng/ul  | 97       |
| 69) Phenanthrene               | 17.31 | 178  | 1622046  | 19.79 | ng/ul  | 100      |
| 71) Anthracene                 | 17.40 | 178  | 1646963  | 19.70 | ng/ul  | 99       |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.31 | 216  | 342515   | 19.80 | ng/uL  | 97       |
| 73) Pentachlorobenzene         | 14.83 | 250  | 364834   | 19.64 | ng/uL  | 98       |
| 74) Carbazole                  | 17.67 | 167  | 1525760  | 19.56 | ng/ul  | 99       |
| 75) Di-n-butylphthalate        | 18.22 | 149  | 1757171  | 19.54 | ng/ul# | 98       |
| 76) Fluoranthene               | 19.32 | 202  | 2097028  | 20.30 | ng/ul  | 98       |
| 79) Pvrene                     | 19.69 | 202  | 2209130  | 19.77 | ng/ul  | 98       |
| 80) Butylbenzylphthalate       | 20.57 | 149  | 866639   | 19.30 | ng/ul# | 77       |
| 81) 3,3'-Dichlorobenzidine     | 21.36 | 252  | 840362   | 20.63 | ng/ul# | 98       |
| 82) Benzo(a)anthracene         | 21.43 | 228  | 2428225  | 19.75 | ng/ul  | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.34 | 149  | 1305817  | 18.68 | ng/ul# | 98       |
| 84) Chrysene                   | 21.48 | 228  | 2271527  | 19.59 | ng/ul  | 98       |
| 86) Di-n-octyl phthalate       | 22.24 | 149  | 2283543  | 19.87 | ng/ul# | 87       |
| 87) Benzo(b)fluoranthene       | 23.07 | 252  | 2525811  | 20.00 | ng/ul# | 98       |
| 88) Benzo(k)fluoranthene       | 23.11 | 252  | 2440634  | 20.22 | ng/ul# | 97       |
| 90) Benzo(a)pyrene             | 23.67 | 252  | 2457777  | 20.02 | ng/ul# | 97       |
| 91) Indeno(1,2,3-cd)pyrene     | 26.17 | 276  | 2881732  | 19.57 | ng/ul# | 92       |
| 92) Dibenzo(a,h)anthracene     | 26.18 | 278  | 2411194  | 19.36 | ng/ul# | 95       |
| 93) Benzo(g,h,i)perylene       | 26.90 | 276  | 2382810  | 19.55 | ng/ul# | 91       |

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





#2

1,4-Dioxane

Concen: 7.68 ng/uL

RT: 3.38 min Scan# 49

Delta R.T. -0.01 min

Lab File: BM009257.D

Acq: 14 Mar 2017 15:58

Instrument :

BNA\_M

ClientSampled :

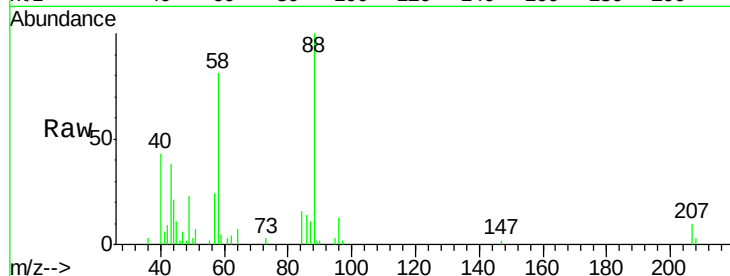
Tot Ion: 88 Resp: 27442

Ion Ratio Lower Upper

88 100

43 43.2 21.0 31.6#

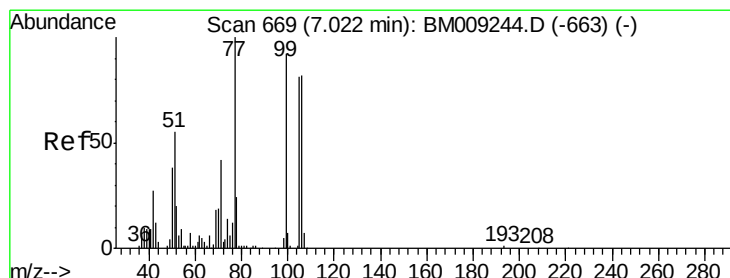
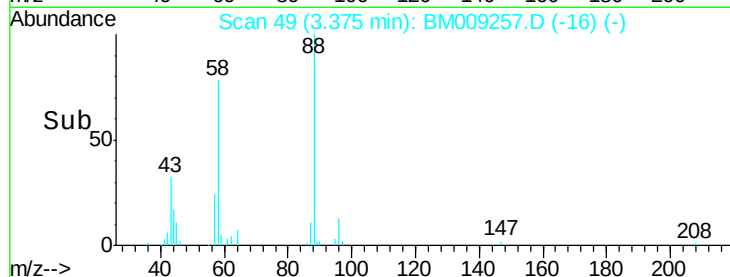
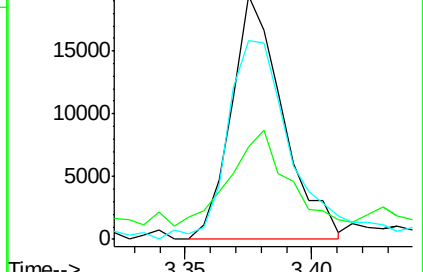
58 94.1 47.8 71.8#



Abundance Ion 88.00 (87.70 to 88.70): BM009244.D (-44) (-)

Ion 43.00 (42.70 to 43.70): BM009244.D (-44) (-)

Ion 58.00 (57.70 to 58.70): BM009244.D (-44) (-)



#4

Benzaldehyde

Concen: 21.82 ng/uL

RT: 7.02 min Scan# 669

Delta R.T. -0.00 min

Lab File: BM009257.D

Acq: 14 Mar 2017 15:58

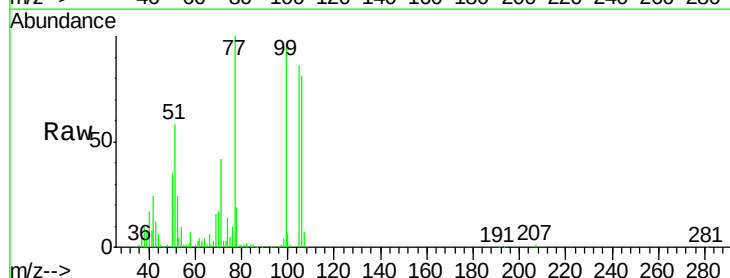
Tgt Ion: 77 Resp: 234746

Ion Ratio Lower Upper

77 100

105 85.7 80.6 120.8

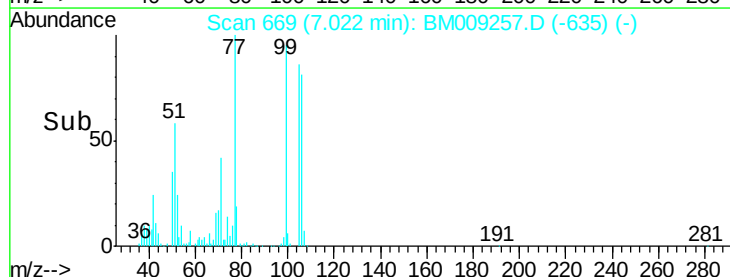
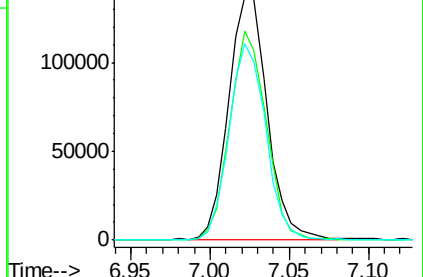
106 80.6 77.7 116.5

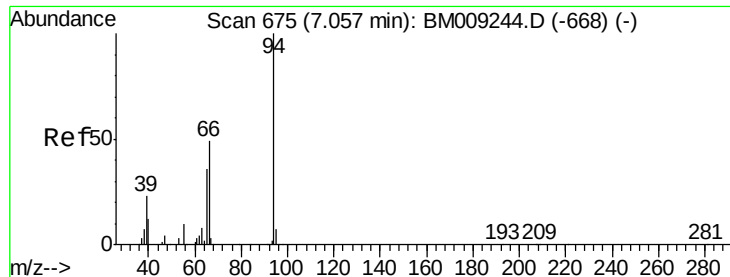


Abundance Ion 77.00 (76.70 to 77.70): BM009244.D (-663) (-)

Ion 105.00 (104.70 to 105.70): BM009244.D (-663) (-)

Ion 106.00 (105.70 to 106.70): BM009244.D (-663) (-)





#6

Phenol

Concen: 18.40 ng/ul

RT: 7.06 min Scan# 675

Delta R.T. -0.00 min

Lab File: BM009257.D

Acq: 14 Mar 2017 15:58

Instrument :

BNA\_M

ClientSampled :

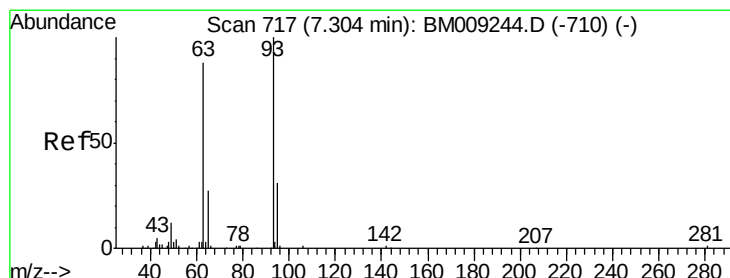
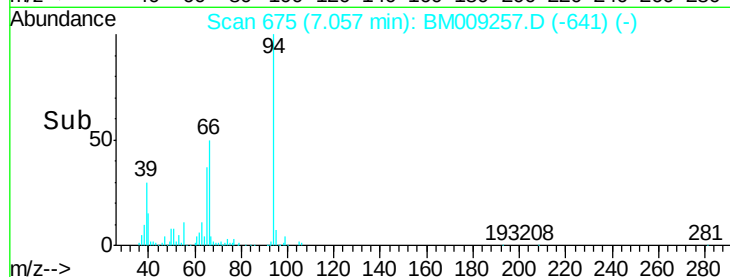
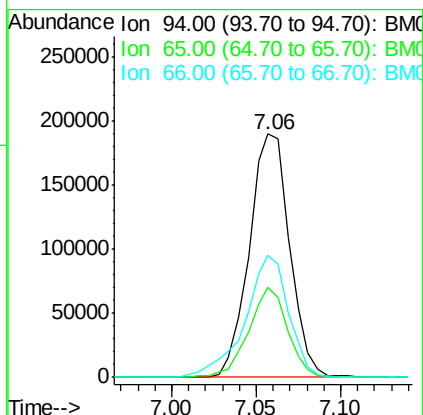
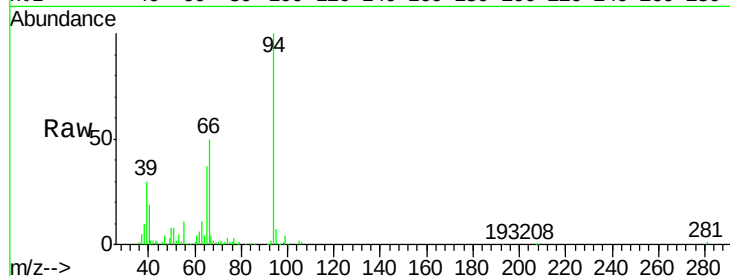
Tot Ion: 94 Resp: 315509

Ion Ratio Lower Upper

94 100

65 37.0 21.0 31.6#

66 50.2 29.3 43.9#



#8

Bis(2-Chloroethyl)ether

Concen: 18.66 ng/ul

RT: 7.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BM009257.D

Acq: 14 Mar 2017 15:58

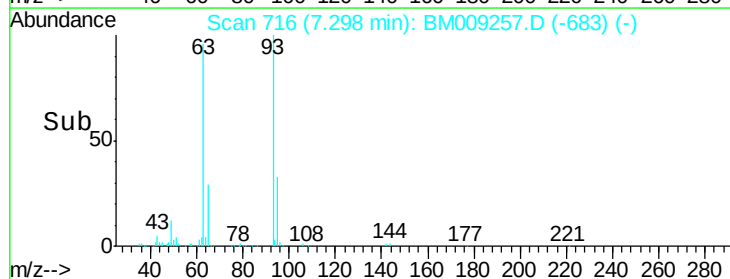
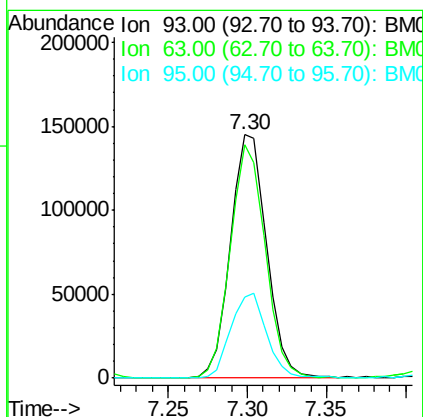
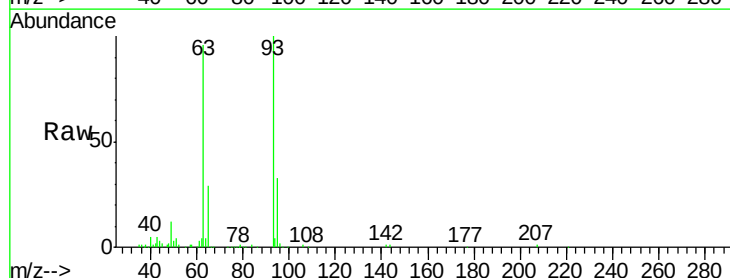
Tgt Ion: 93 Resp: 229170

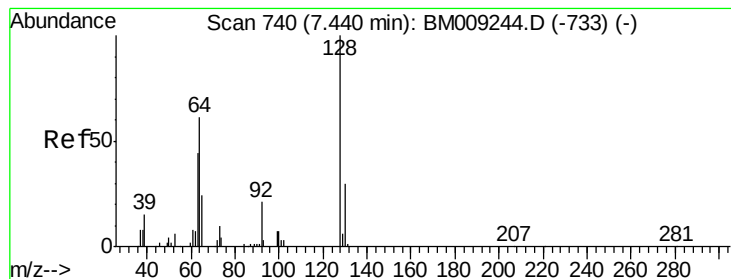
Ion Ratio Lower Upper

93 100

63 95.7 53.5 80.3#

95 33.3 26.2 39.2





#10

2-Chlorophenol

Concen: 19.48 ng/ul

RT: 7.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BM009257.D

Acq: 14 Mar 2017 15:58

Instrument :

BNA\_M

ClientSampleId :

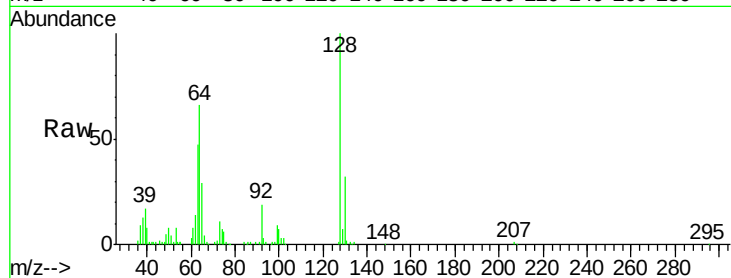
Tot Ion:128 Resp: 197137

Ion Ratio Lower Upper

128 100

64 65.5 31.9 47.9#

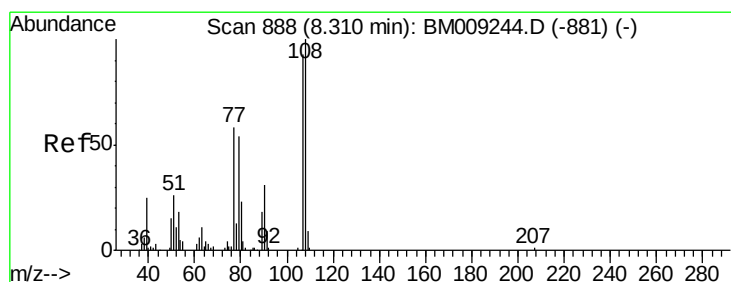
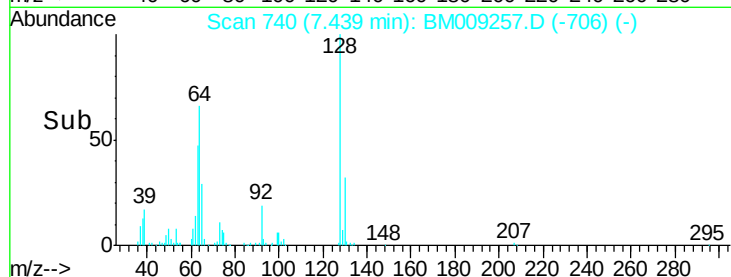
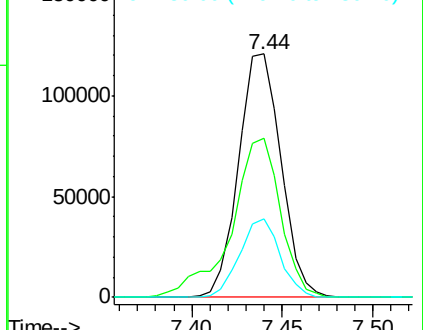
130 32.3 25.6 38.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 17.83 ng/ul

RT: 8.31 min Scan# 888

Delta R.T. -0.00 min

Lab File: BM009257.D

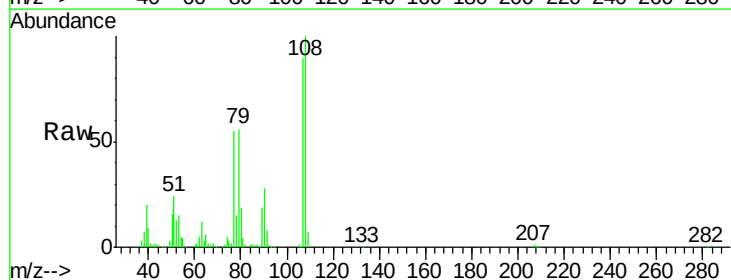
Acq: 14 Mar 2017 15:58

Tgt Ion:108 Resp: 221497

Ion Ratio Lower Upper

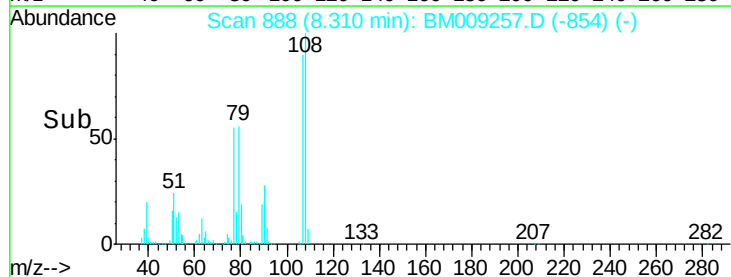
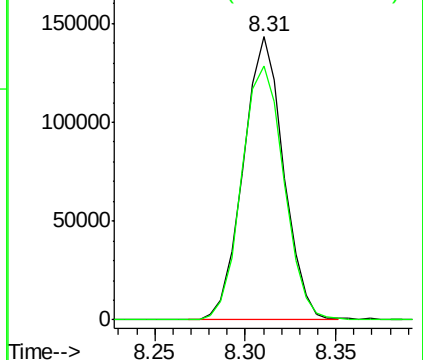
108 100

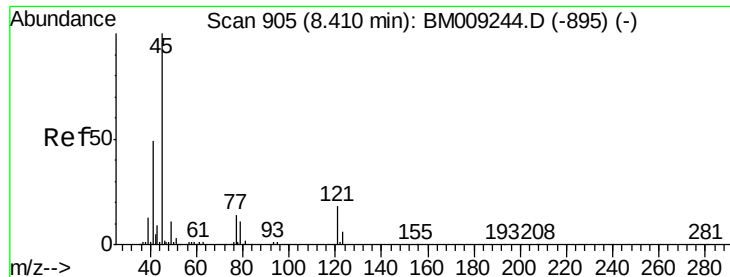
107 89.8 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

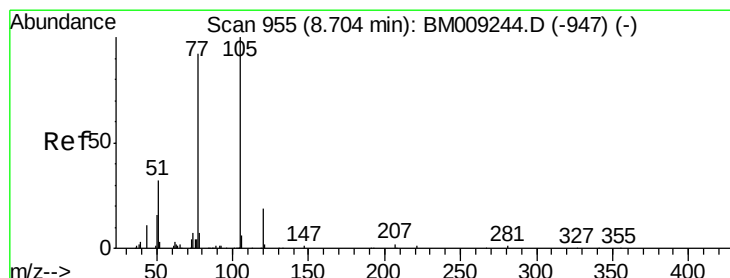
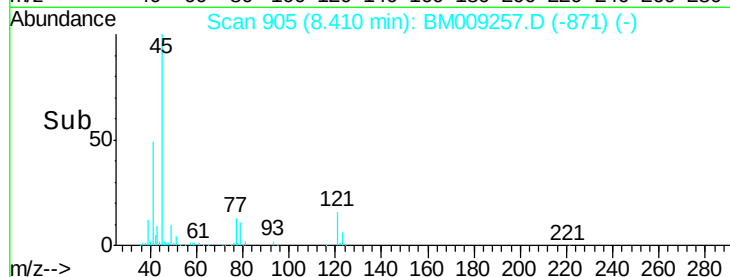
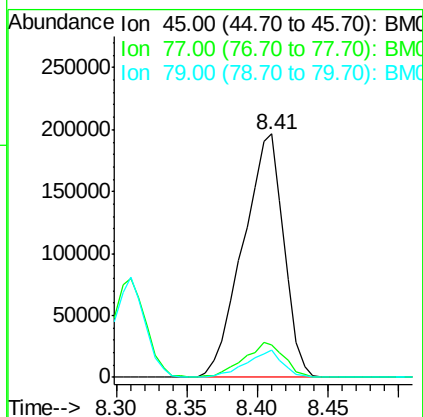
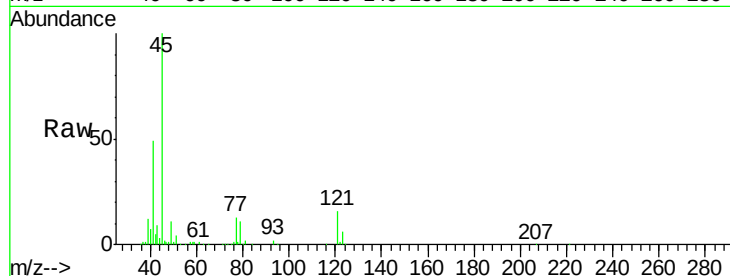




#12  
2,2'-oxvbis(1-Chloropropane)  
Concen: 19.43 ng/ul  
RT: 8.41 min Scan# 905  
Delta R.T. -0.00 min  
Lab File: BM009257.D  
Acq: 14 Mar 2017 15:58

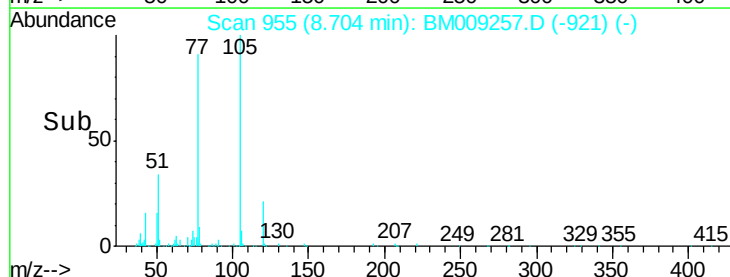
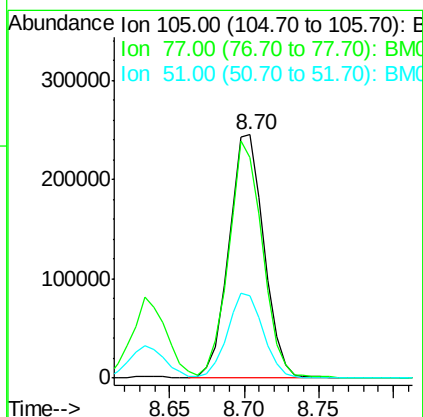
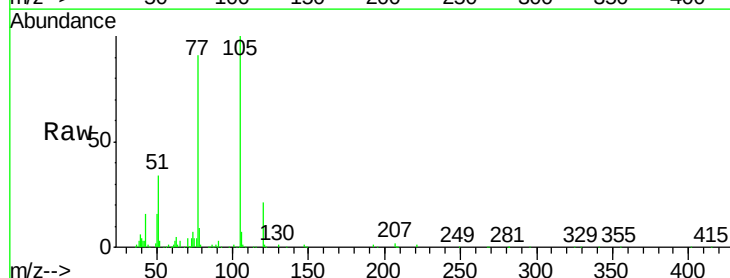
Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 13.1  | 15.9  | 23.9# |
| 79      | 11.3  | 12.5  | 18.7# |

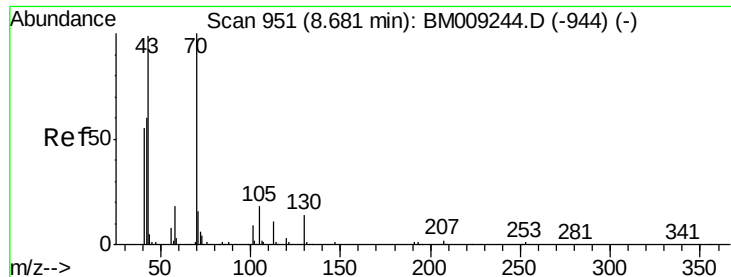


#14  
Acetophenone  
Concen: 18.68 ng/ul  
RT: 8.70 min Scan# 955  
Delta R.T. -0.00 min  
Lab File: BM009257.D  
Acq: 14 Mar 2017 15:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 77      | 90.7  | 59.0  | 88.4# |
| 51      | 34.0  | 16.4  | 24.6# |



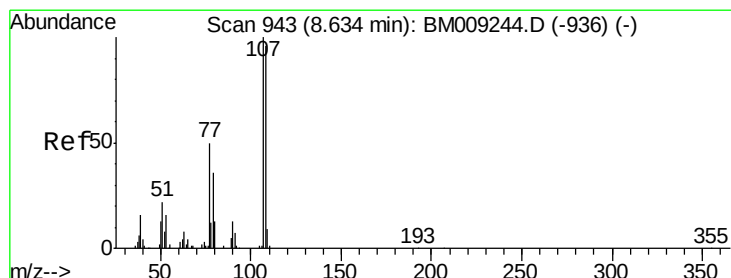
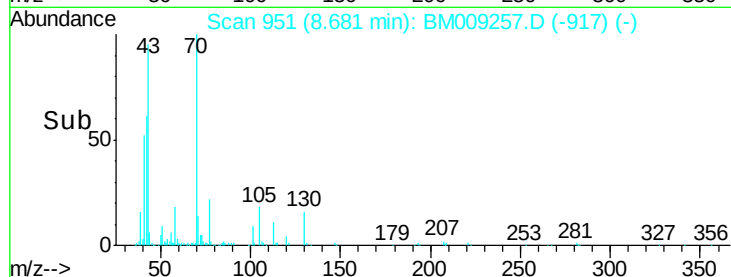
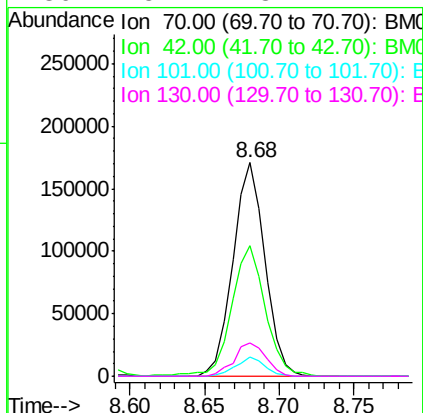
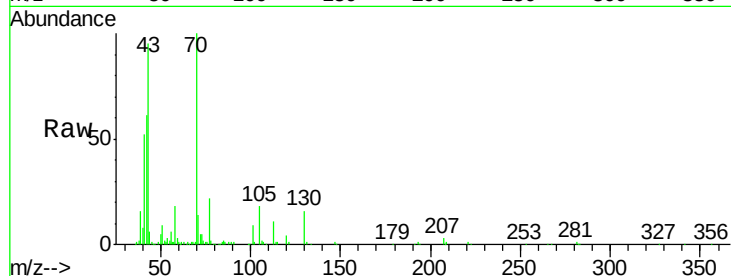




#15  
N-Nitroso-di-n-propylamine  
Concen: 19.28 ng/ul  
RT: 8.68 min Scan# 951  
Delta R.T. -0.00 min  
Lab File: BM009257.D  
Acq: 14 Mar 2017 15:58

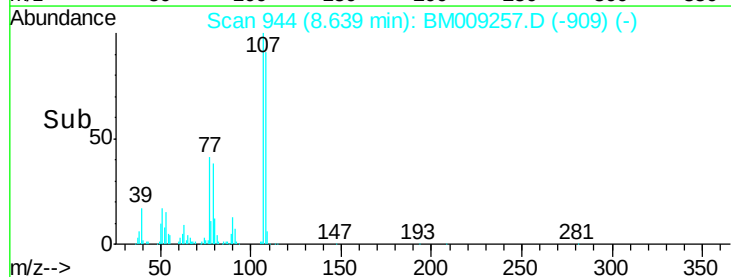
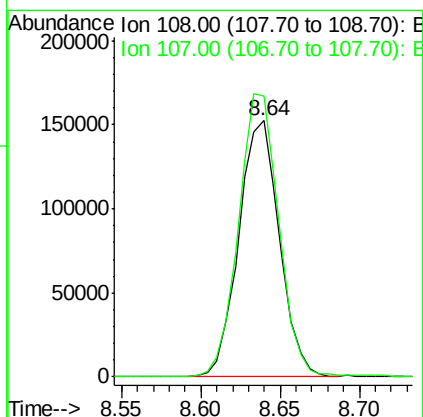
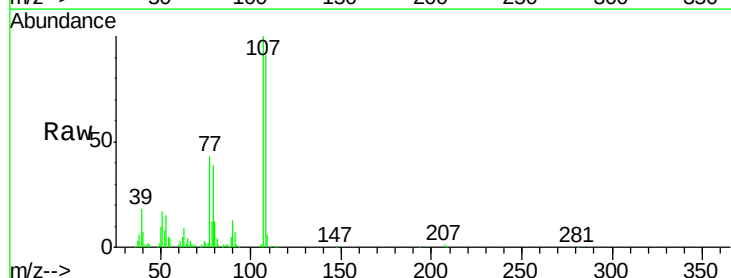
Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion: 70 Resp: 254372  
Ion Ratio Lower Upper  
70 100  
42 61.0 35.4 53.0#  
101 9.2 8.4 12.6  
130 15.7 18.2 27.4#

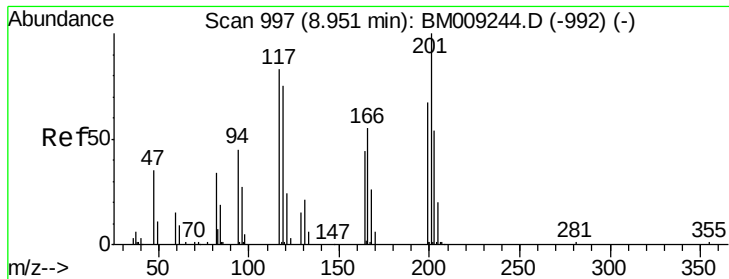


#16  
4-Methylphenol  
Concen: 19.28 ng/ul  
RT: 8.64 min Scan# 944  
Delta R.T. 0.01 min  
Lab File: BM009257.D  
Acq: 14 Mar 2017 15:58

Tgt Ion: 108 Resp: 271560  
Ion Ratio Lower Upper  
108 100  
107 109.5 90.3 135.5



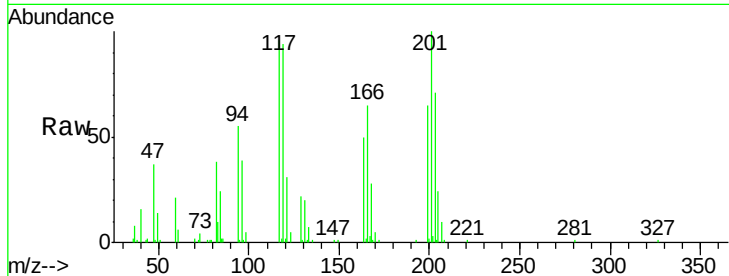




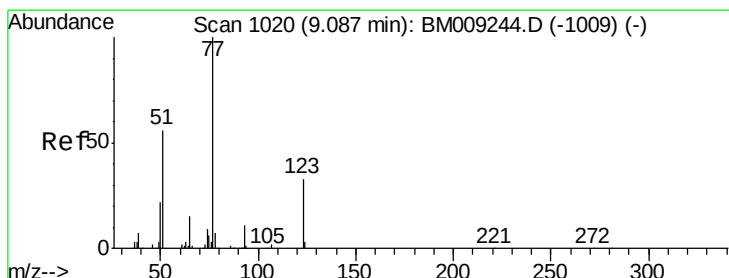
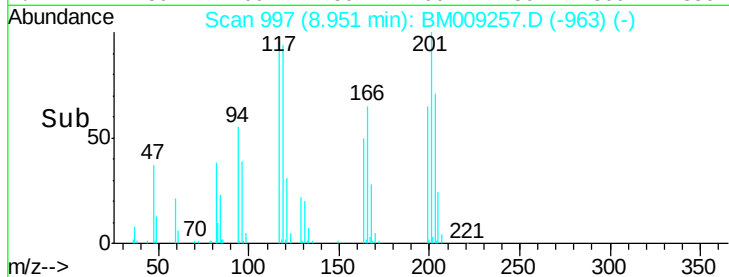
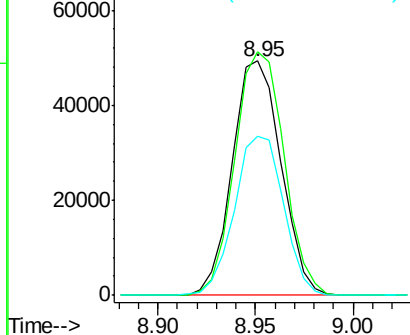
#17  
Hexachloroethane  
Concen: 19.30 ng/ul  
RT: 8.95 min Scan# 997  
Delta R.T. -0.00 min  
Lab File: BM009257.D  
Acq: 14 Mar 2017 15:58

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:117 Resp: 85498  
Ion Ratio Lower Upper  
117 100  
201 103.9 81.5 122.3  
199 69.5 50.6 76.0

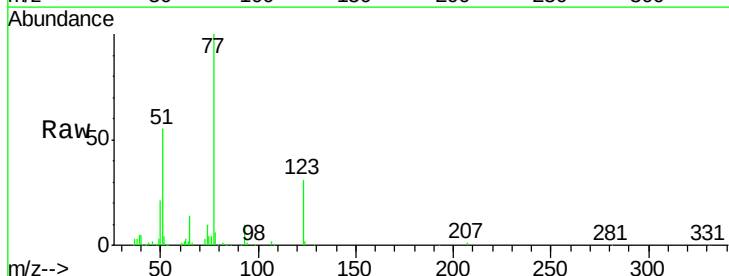


Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 201.00 (200.70 to 201.70): E  
Ion 199.00 (198.70 to 199.70): E

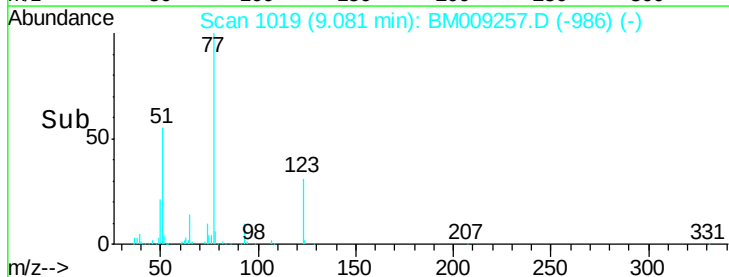
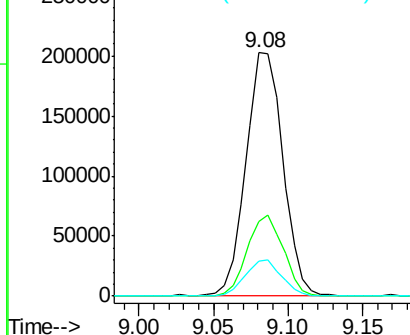


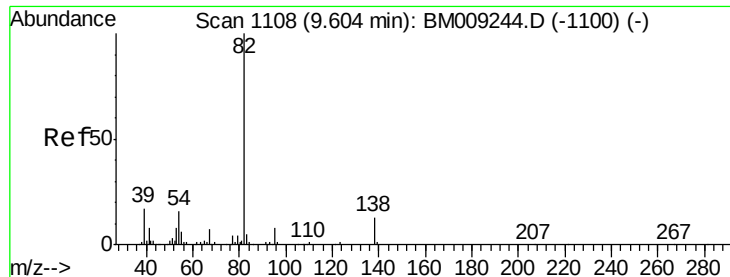
#20  
Nitrobenzene  
Concen: 19.97 ng/ul  
RT: 9.08 min Scan# 1019  
Delta R.T. -0.01 min  
Lab File: BM009257.D  
Acq: 14 Mar 2017 15:58

Tgt Ion: 77 Resp: 345408  
Ion Ratio Lower Upper  
77 100  
123 30.9 39.0 58.4#  
65 14.3 10.4 15.6



Abundance Ion 77.00 (76.70 to 77.70): BM  
Ion 123.00 (122.70 to 123.70): E  
Ion 65.00 (64.70 to 65.70): BM





#21

Isophorone

Concen: 19.64 ng/ul

RT: 9.60 min Scan# 1108

Delta R.T. -0.00 min

Lab File: BM009257.D

Acq: 14 Mar 2017 15:58

Instrument :

BNA\_M

ClientSampled :

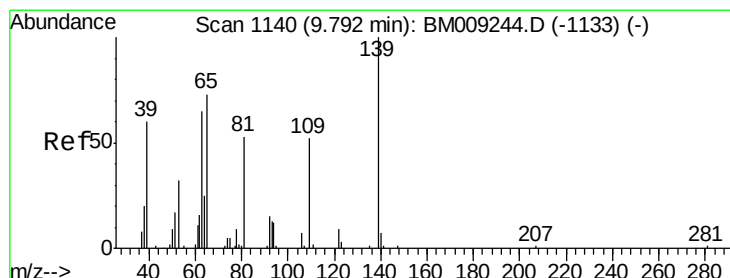
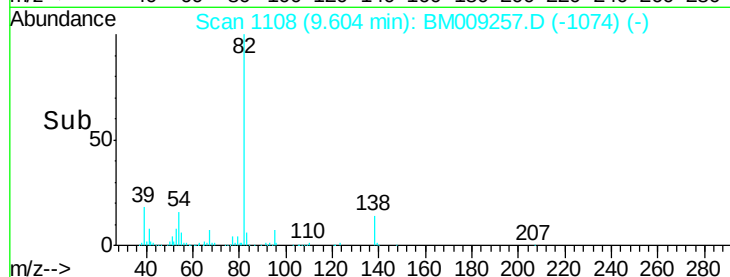
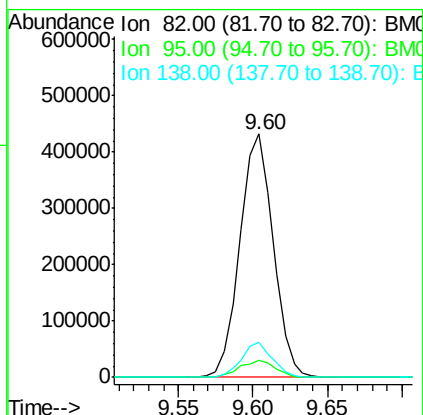
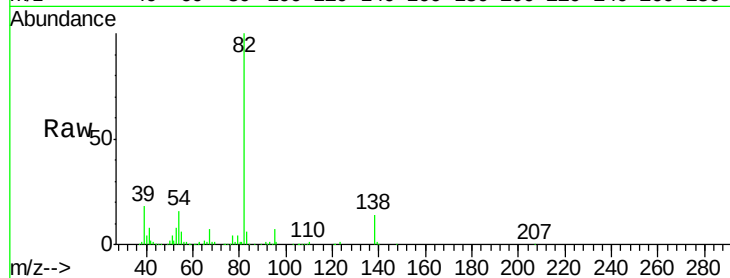
Tot Ion: 82 Resp: 671850

Ion Ratio Lower Upper

82 100

95 7.2 6.4 9.6

138 14.3 14.9 22.3#



#23

2-Nitrophenol

Concen: 20.16 ng/ul

RT: 9.79 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BM009257.D

Acq: 14 Mar 2017 15:58

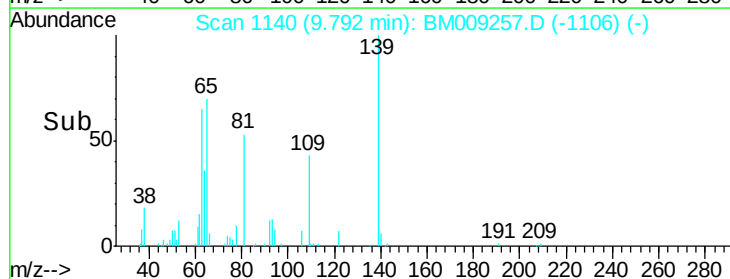
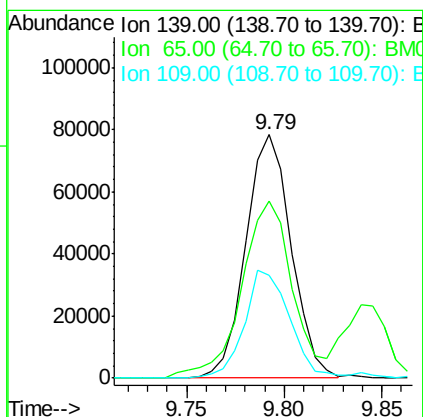
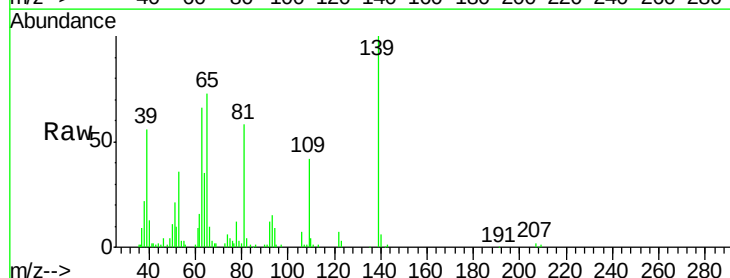
Tgt Ion: 139 Resp: 126340

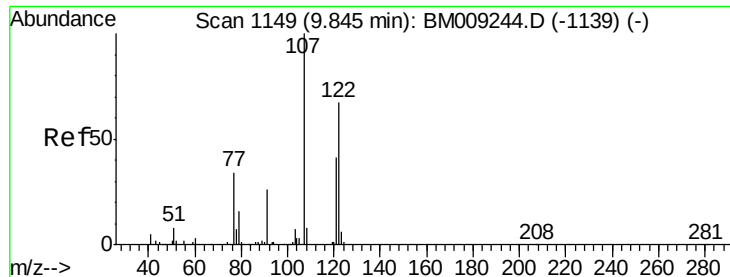
Ion Ratio Lower Upper

139 100

65 72.9 36.3 54.5#

109 42.0 26.4 39.6#





#24

2,4-Dimethylphenol

Concen: 19.55 ng/ul

RT: 9.84 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BM009257.D

Acq: 14 Mar 2017 15:58

Instrument :

BNA\_M

ClientSampled :

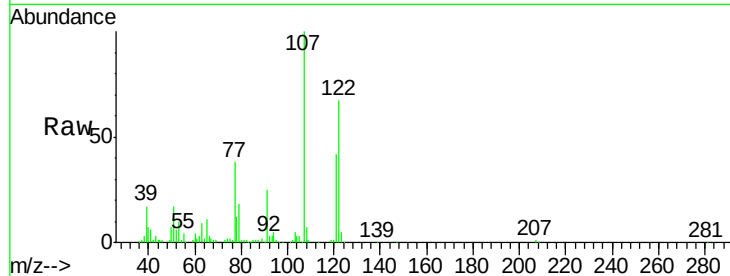
Tot Ion: 107 Resp: 314434

Ion Ratio Lower Upper

107 100

121 42.4 40.6 61.0

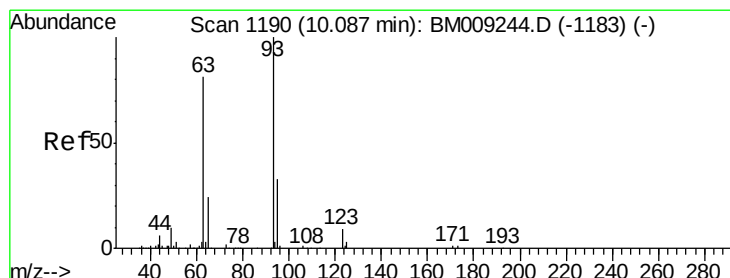
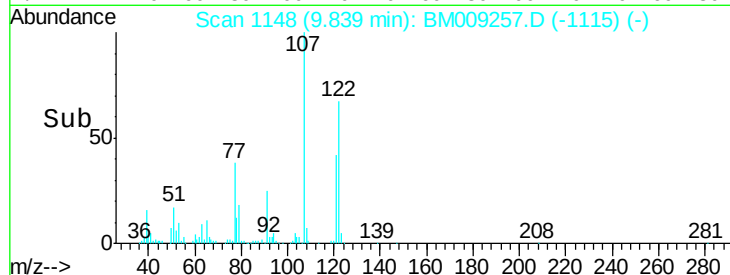
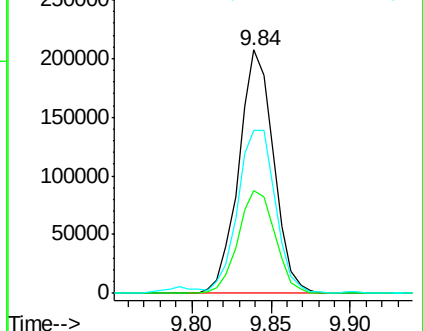
122 67.1 67.8 101.6#



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 19.61 ng/ul

RT: 10.09 min Scan# 1190

Delta R.T. -0.00 min

Lab File: BM009257.D

Acq: 14 Mar 2017 15:58

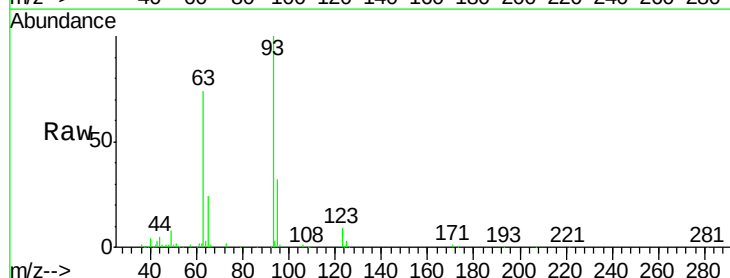
Tgt Ion: 93 Resp: 367860

Ion Ratio Lower Upper

93 100

95 31.6 25.8 38.8

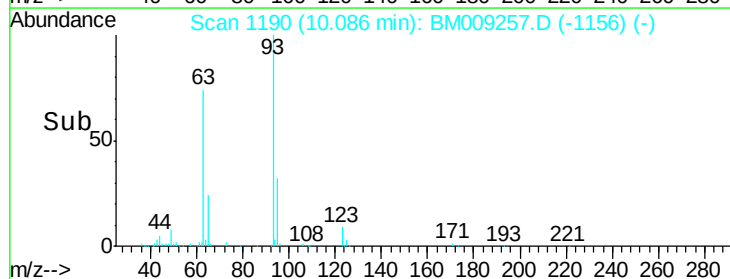
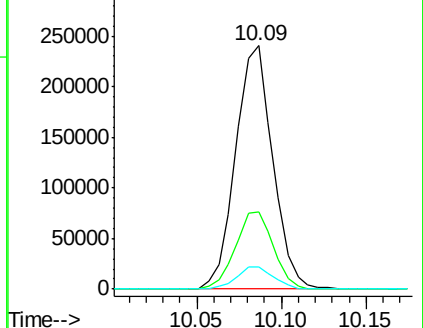
123 9.1 9.8 14.8#

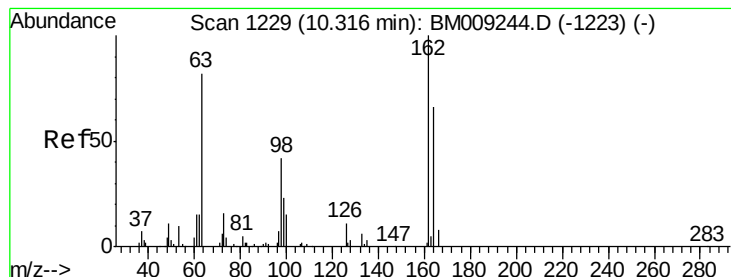


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 19.81 ng/ul

RT: 10.32 min Scan# 1229

Delta R.T. -0.00 min

Lab File: BM009257.D

Acq: 14 Mar 2017 15:58

Instrument :

BNA\_M

ClientSampleId :

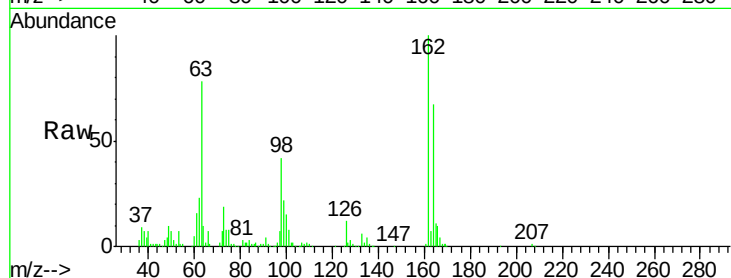
Tot Ion:162 Resp: 241193

Ion Ratio Lower Upper

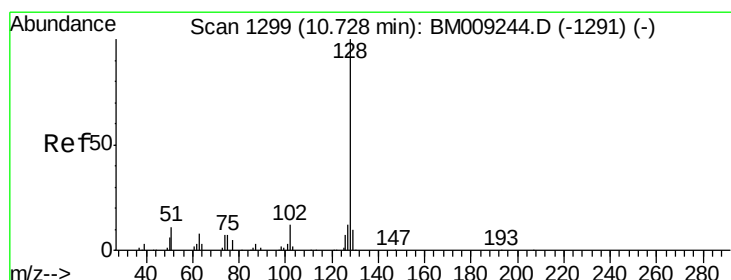
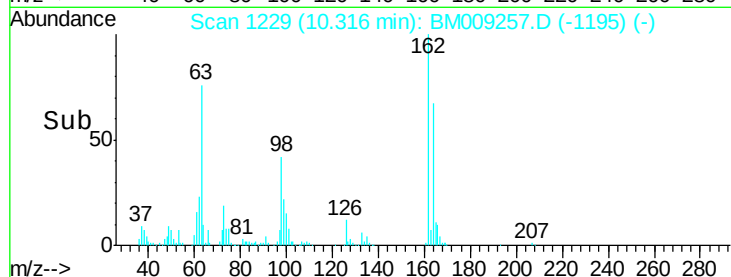
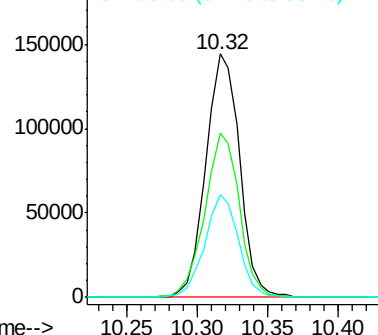
162 100

164 67.3 52.1 78.1

98 42.0 28.4 42.6



Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): B



#28

Naphthalene

Concen: 19.69 ng/ul

RT: 10.73 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BM009257.D

Acq: 14 Mar 2017 15:58

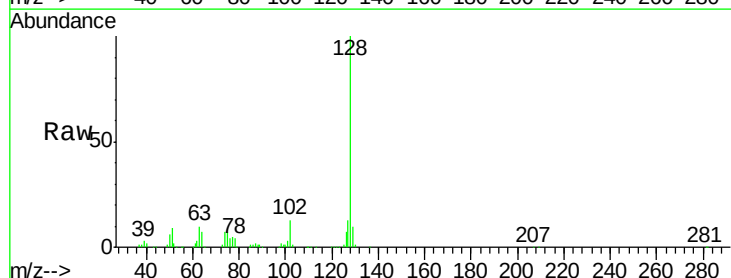
Tgt Ion:128 Resp: 733315

Ion Ratio Lower Upper

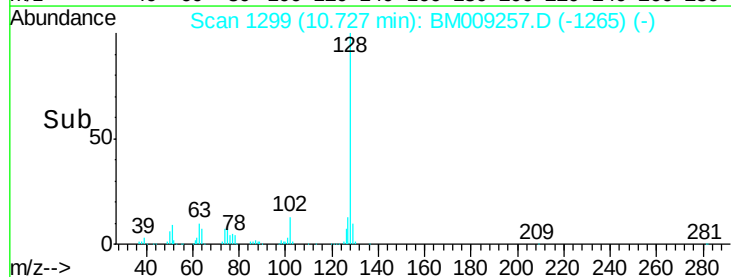
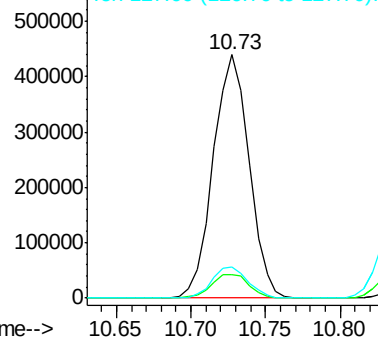
128 100

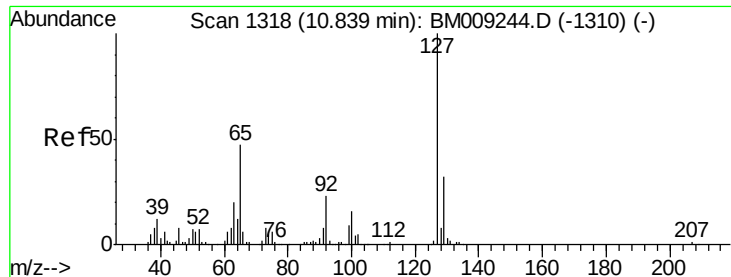
129 9.7 8.8 13.2

127 12.7 10.5 15.7



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

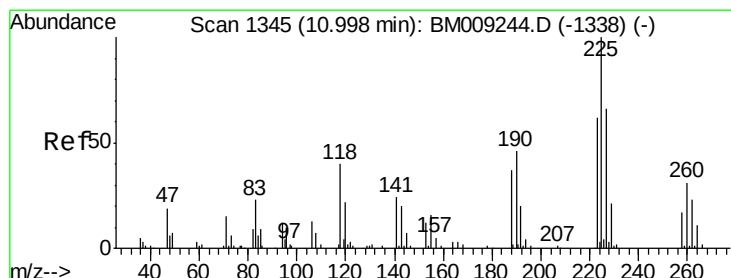
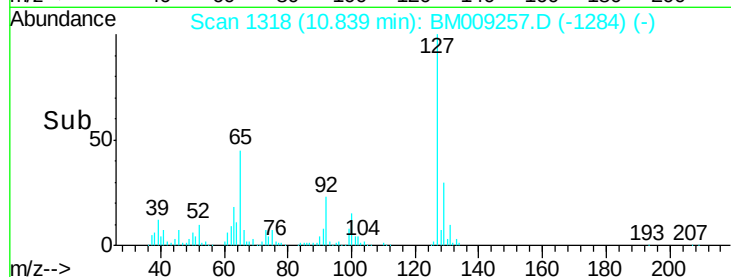
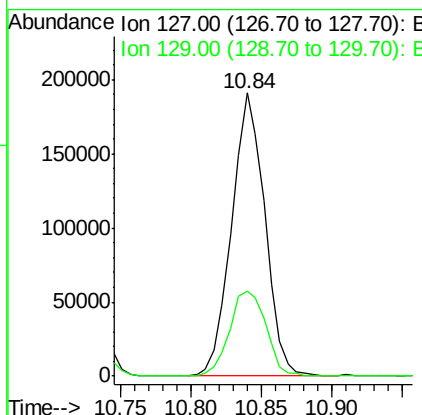
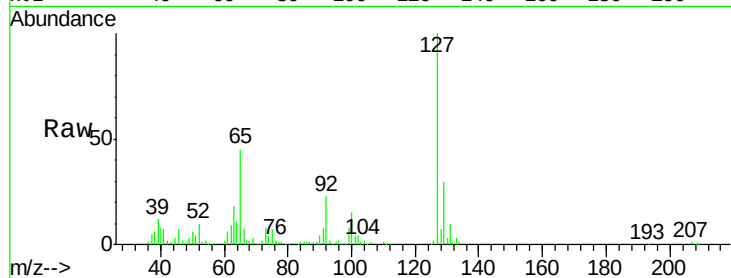




#30  
4-Chloroaniline  
Concen: 20.20 ng/ul  
RT: 10.84 min Scan# 1318  
Delta R.T. -0.00 min  
Lab File: BM009257.D  
Acq: 14 Mar 2017 15:58

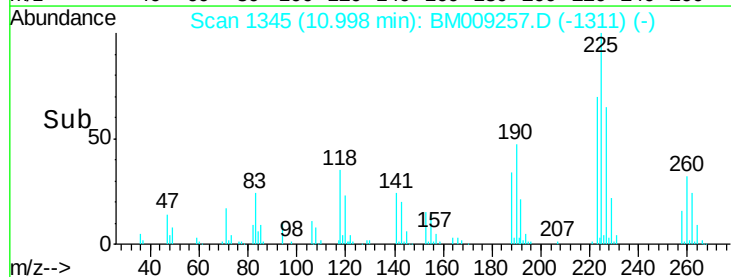
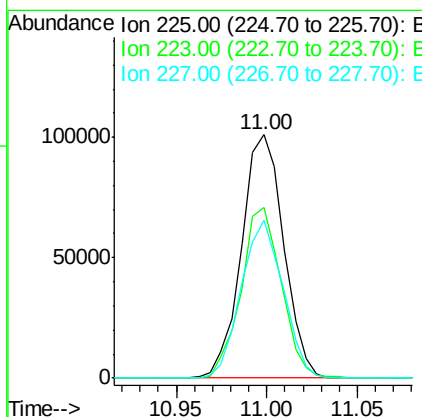
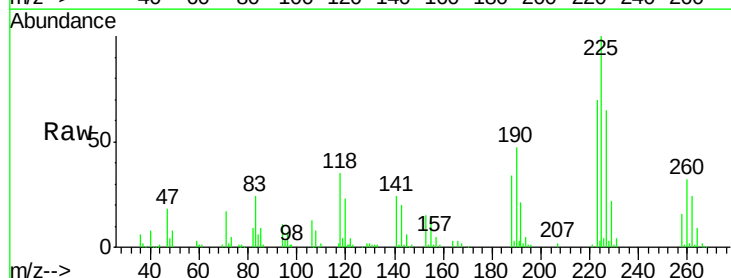
Instrument :  
BNA\_M  
ClientSampled :

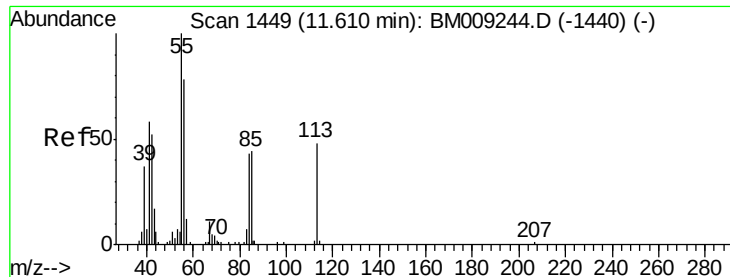
Tot Ion:127 Resp: 313933  
Ion Ratio Lower Upper  
127 100  
129 29.9 25.4 38.2



#31  
Hexachlorobutadiene  
Concen: 19.53 ng/ul  
RT: 11.00 min Scan# 1345  
Delta R.T. -0.00 min  
Lab File: BM009257.D  
Acq: 14 Mar 2017 15:58

Tgt Ion:225 Resp: 163892  
Ion Ratio Lower Upper  
225 100  
223 70.3 51.4 77.2  
227 64.9 50.7 76.1





#32

Caprolactam

Concen: 18.00 ng/ul

RT: 11.62 min Scan# 1450

Delta R.T. 0.01 min

Lab File: BM009257.D

Acq: 14 Mar 2017 15:58

Instrument :

BNA\_M

ClientSampled :

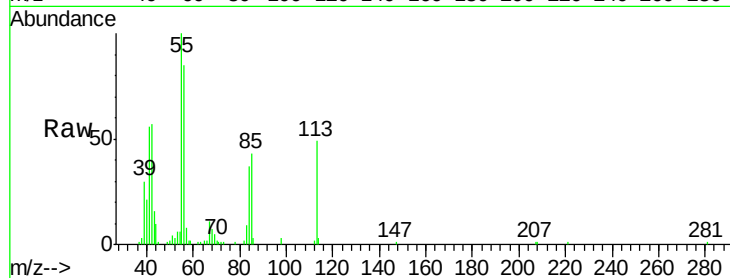
Tot Ion:113 Resp: 91503

Ion Ratio Lower Upper

113 100

55 204.4 101.9 152.9#

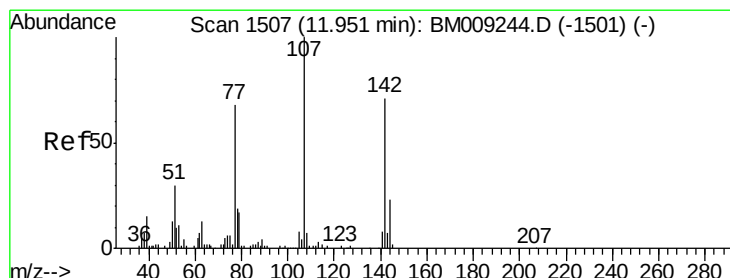
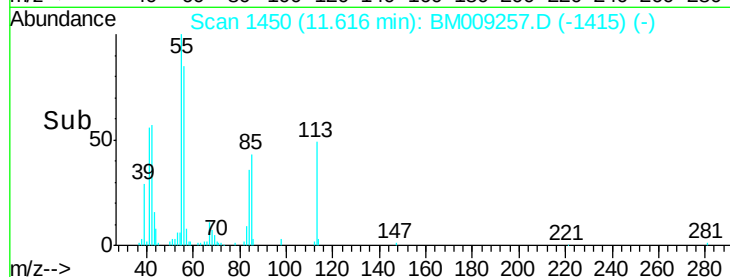
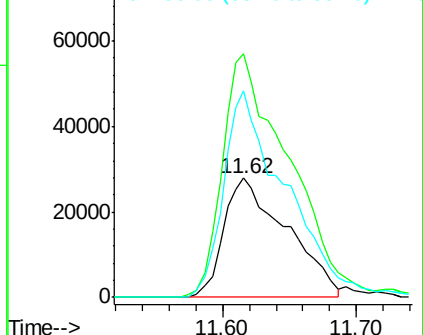
56 173.0 81.2 121.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#33

4-Chloro-3-methylphenol

Concen: 20.24 ng/ul

RT: 11.95 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BM009257.D

Acq: 14 Mar 2017 15:58

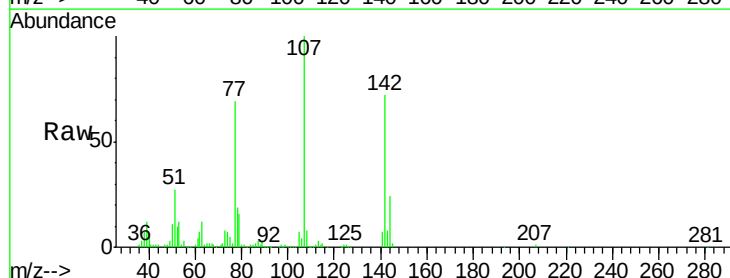
Tgt Ion:107 Resp: 323331

Ion Ratio Lower Upper

107 100

144 24.1 20.4 30.6

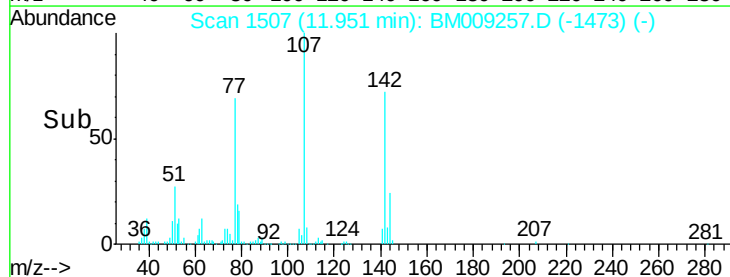
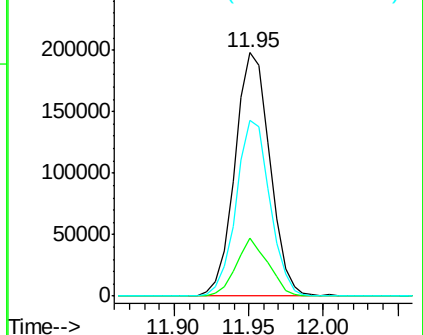
142 72.2 62.5 93.7

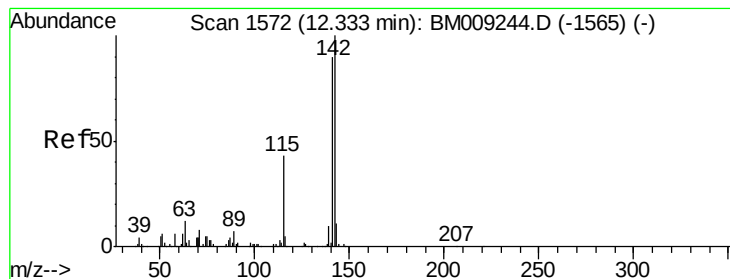


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 19.65 ng/ul

RT: 12.33 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BM009257.D

Acq: 14 Mar 2017 15:58

Instrument :

BNA\_M

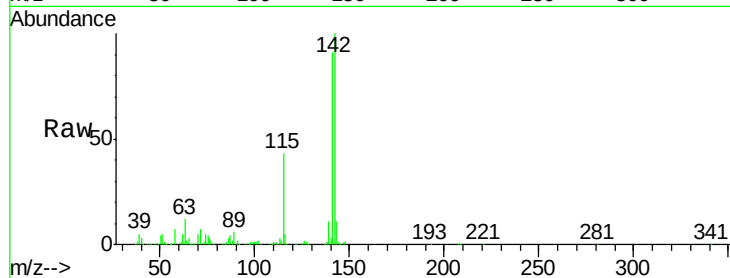
ClientSampleId :

Tot Ion:142 Resp: 582611

Ion Ratio Lower Upper

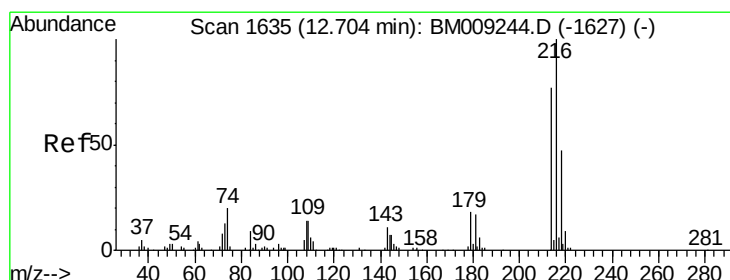
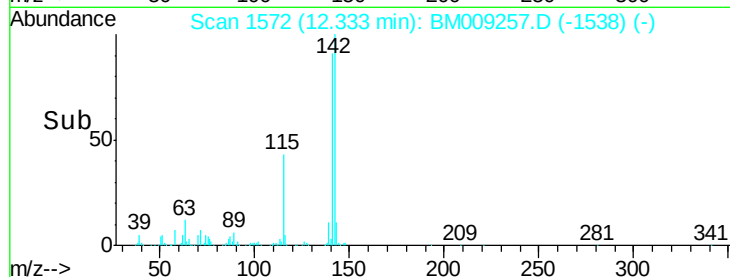
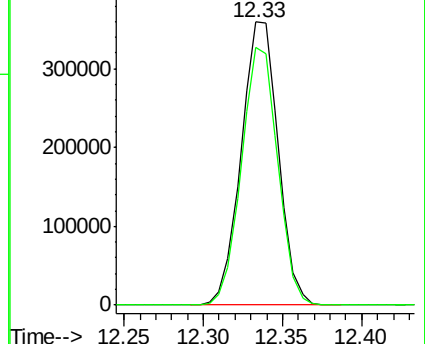
142 100

141 91.0 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#36

1,2,4,5-Tetrachlorobenzene

Concen: 22.15 ng/ul

RT: 12.70 min Scan# 1635

Delta R.T. -0.00 min

Lab File: BM009257.D

Acq: 14 Mar 2017 15:58

Tgt Ion:216 Resp: 367364

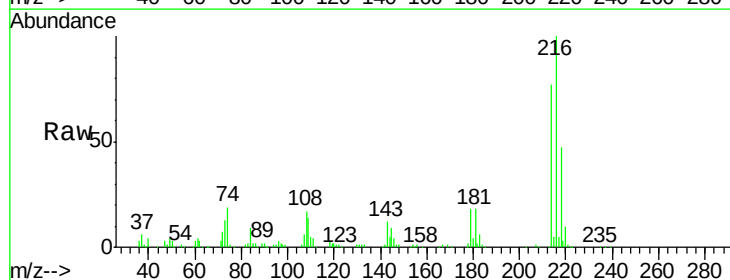
Ion Ratio Lower Upper

216 100

214 76.9 62.5 93.7

179 17.8 18.2 27.2#

108 16.9 14.2 21.2

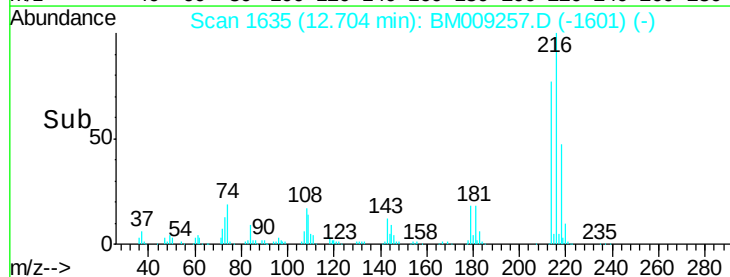
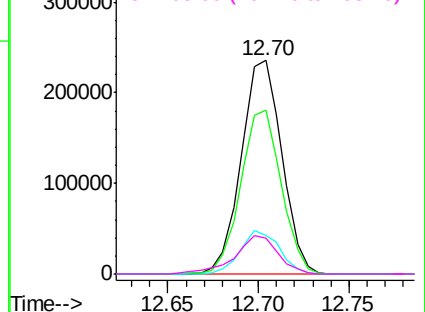


Abundance Ion 216.00 (215.70 to 216.70): E

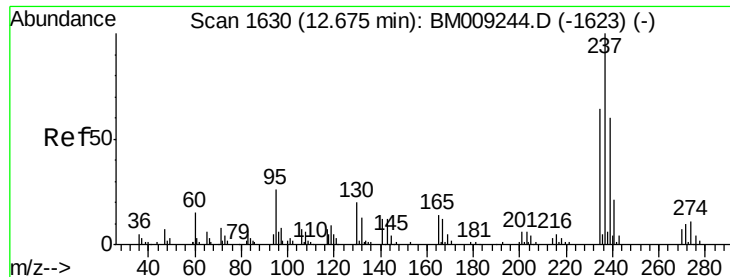
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#37

Hexachlorocyclopentadiene

Concen: 18.89 ng/ul

RT: 12.67 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BM009257.D

Acq: 14 Mar 2017 15:58

Instrument :

BNA\_M

ClientSampleId :

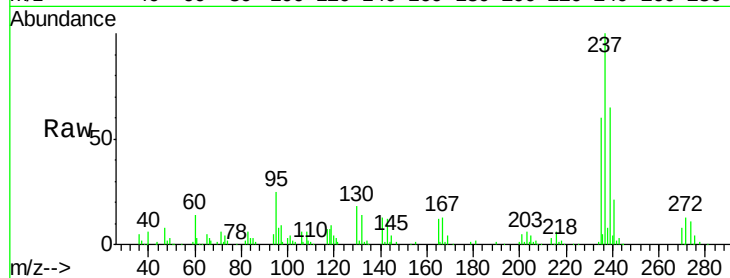
Tot Ion:237 Resp: 177189

Ion Ratio Lower Upper

237 100

235 60.4 50.4 75.6

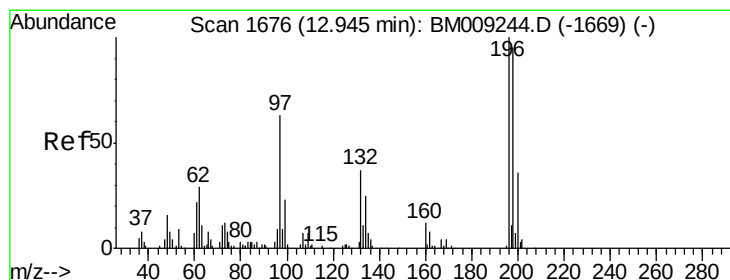
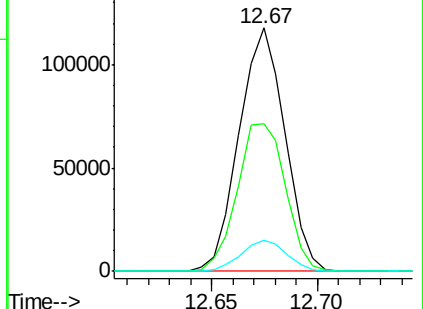
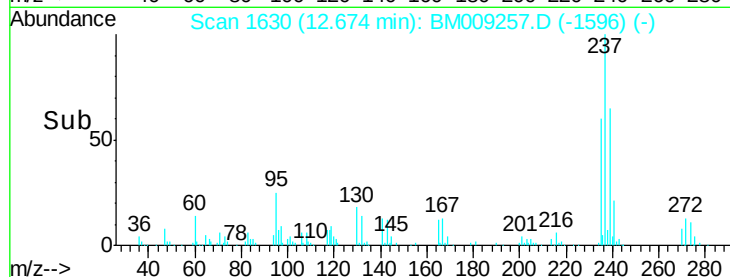
272 12.9 9.6 14.4



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 22.06 ng/ul

RT: 12.94 min Scan# 1676

Delta R.T. -0.00 min

Lab File: BM009257.D

Acq: 14 Mar 2017 15:58

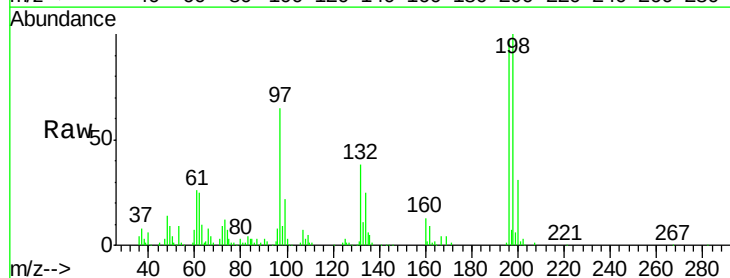
Tgt Ion:196 Resp: 232031

Ion Ratio Lower Upper

196 100

198 103.2 76.6 114.8

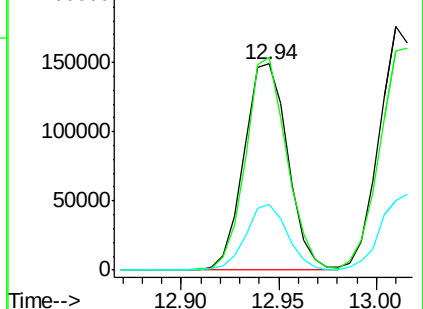
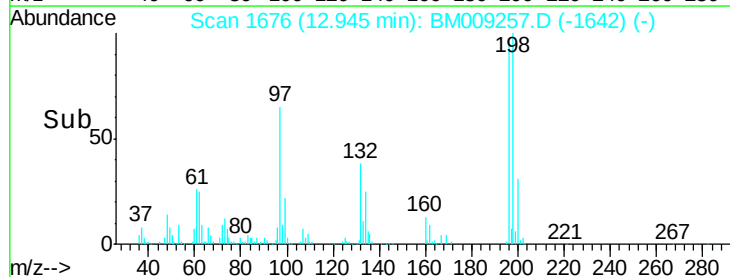
200 32.1 24.7 37.1

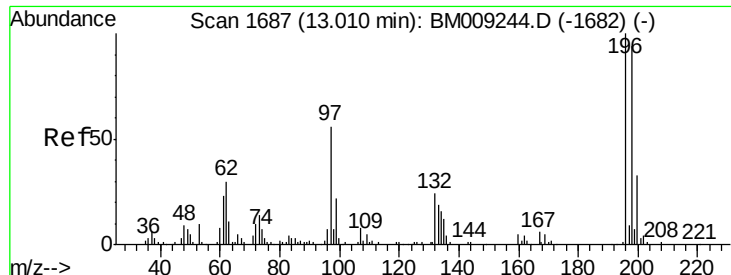


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

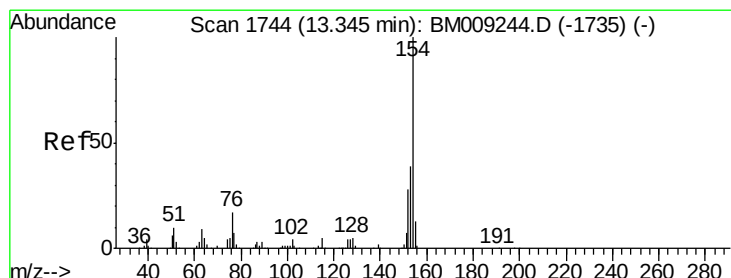
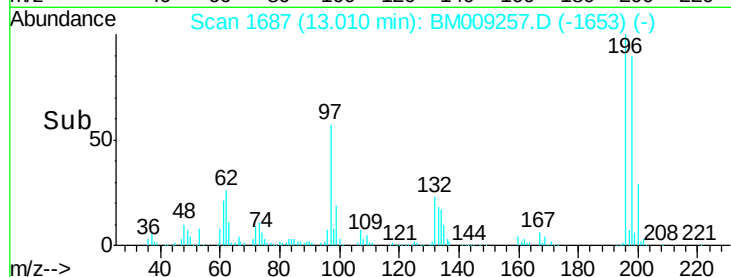
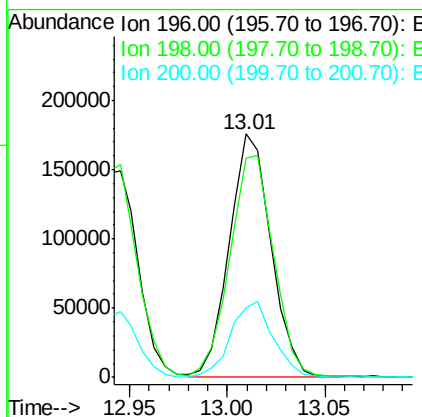
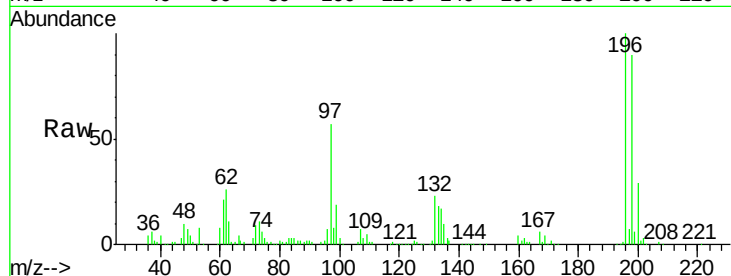




#39  
 2,4,5-Trichlorophenol  
 Concen: 21.64 ng/ul  
 RT: 13.01 min Scan# 1687  
 Delta R.T. -0.00 min  
 Lab File: BM009257.D  
 Acq: 14 Mar 2017 15:58

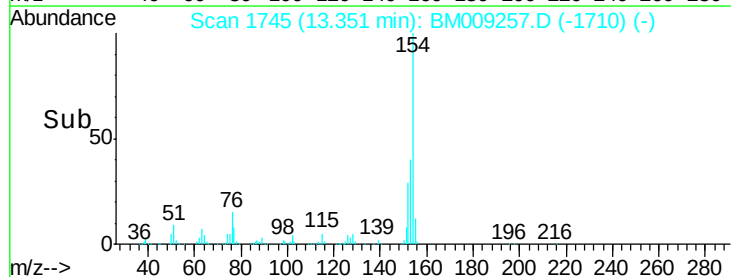
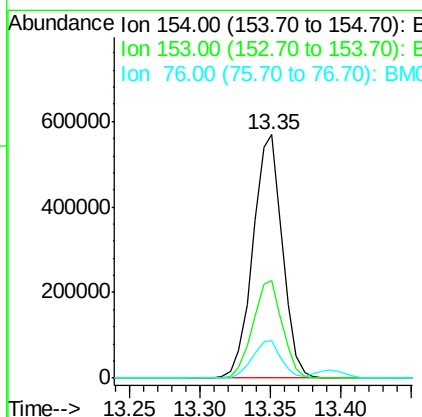
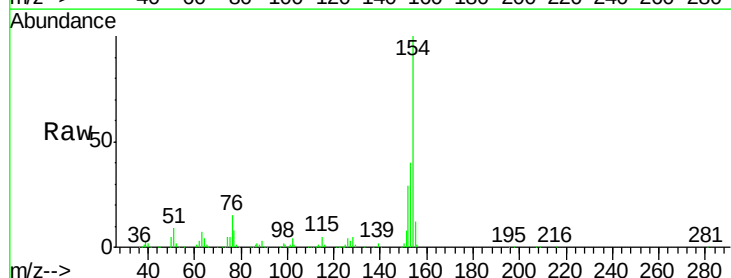
Instrument :  
 BNA\_M  
 ClientSampleId :

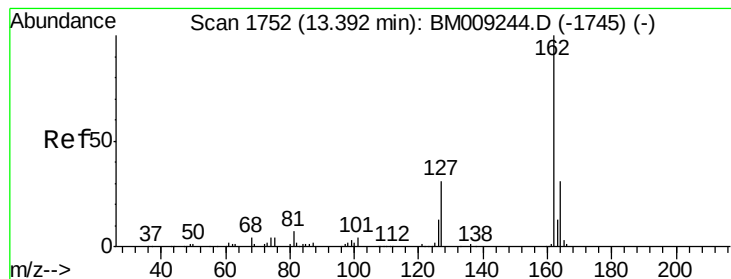
| Tot Ion   | 196   | Resp  | 260777 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 90.1  | 76.9  | 115.3  |
| 200       | 28.6  | 25.0  | 37.4   |



#40  
 1,1'-Biphenyl  
 Concen: 21.57 ng/ul  
 RT: 13.35 min Scan# 1745  
 Delta R.T. 0.01 min  
 Lab File: BM009257.D  
 Acq: 14 Mar 2017 15:58

| Tgt Ion   | 154   | Resp  | 833674 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 39.9  | 32.1  | 48.1   |
| 76        | 15.4  | 9.5   | 14.3   |





#41

2-Chloronaphthalene

Concen: 21.39 ng/ul

RT: 13.39 min Scan# 1752

Delta R.T. -0.00 min

Lab File: BM009257.D

Acq: 14 Mar 2017 15:58

Instrument :

BNA\_M

ClientSampleId :

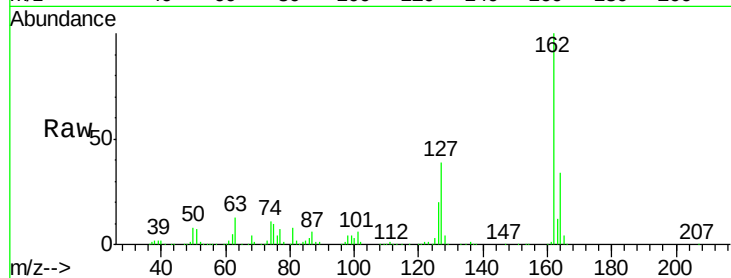
Tot Ion: 162 Resp: 639582

Ion Ratio Lower Upper

162 100

164 33.8 25.9 38.9

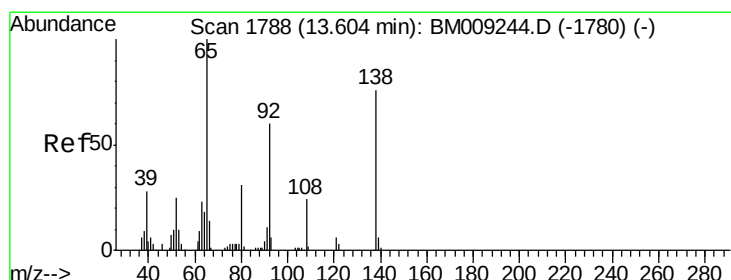
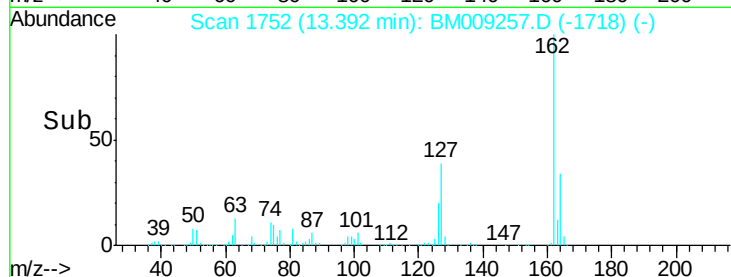
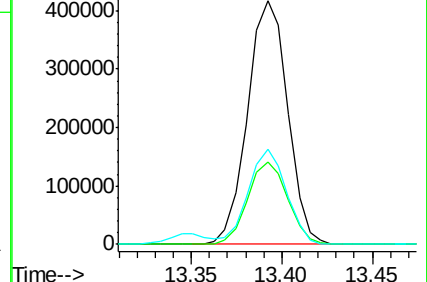
127 39.0 34.1 51.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E



#42

2-Nitroaniline

Concen: 21.41 ng/ul

RT: 13.60 min Scan# 1788

Delta R.T. -0.00 min

Lab File: BM009257.D

Acq: 14 Mar 2017 15:58

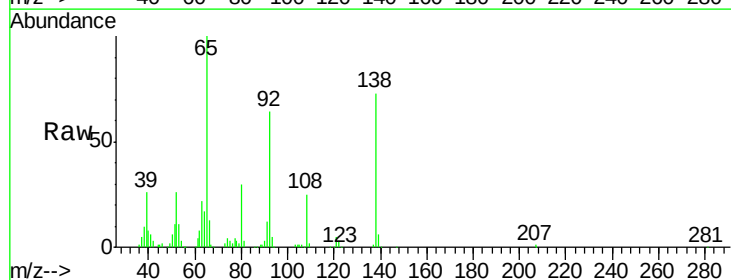
Tgt Ion: 65 Resp: 262949

Ion Ratio Lower Upper

65 100

92 64.0 60.4 90.6

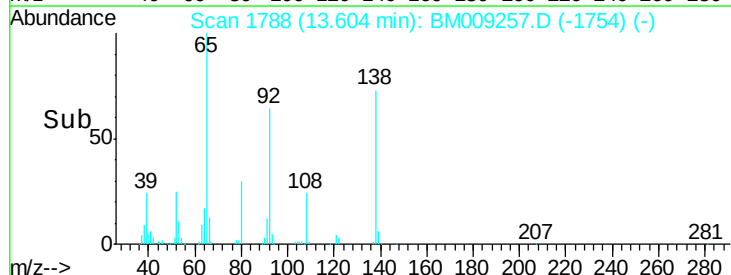
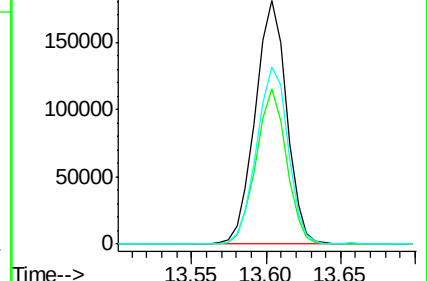
138 72.5 99.8 149.6#

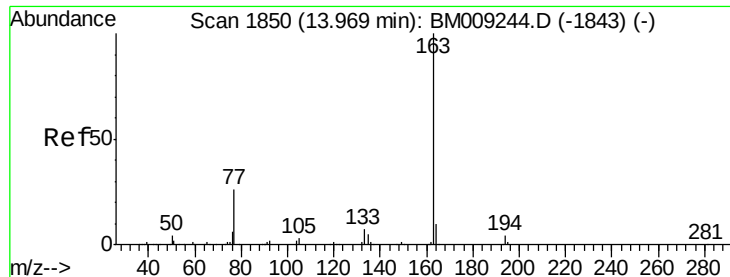


Abundance Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#44

Dimethylphthalate

Concen: 21.49 ng/ul

RT: 13.97 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BM009257.D

Acq: 14 Mar 2017 15:58

Instrument :

BNA\_M

ClientSampleId :

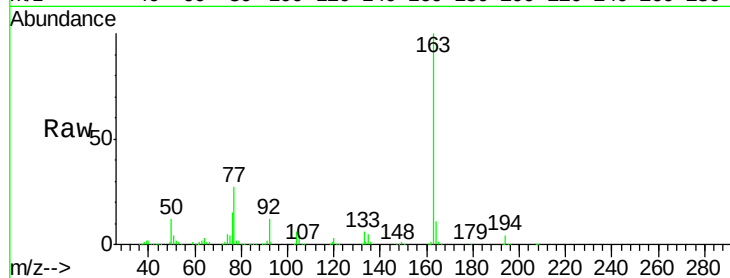
Tot Ion:163 Resp: 902746

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

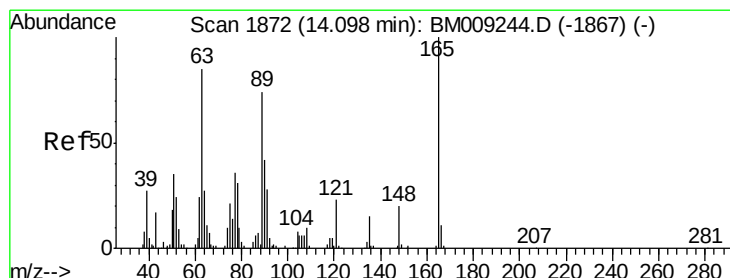
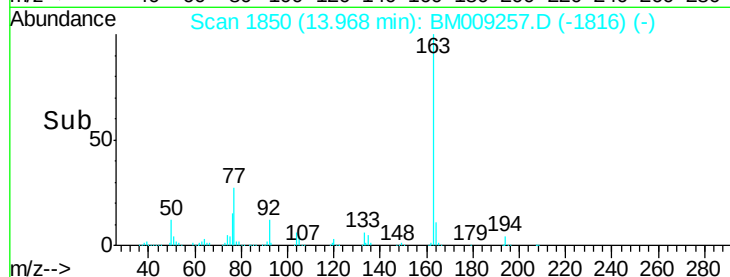
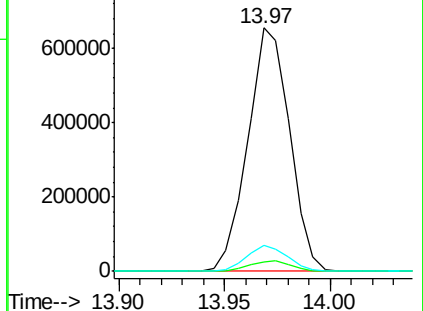
164 10.5 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#45

2,6-Dinitrotoluene

Concen: 21.44 ng/ul

RT: 14.10 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BM009257.D

Acq: 14 Mar 2017 15:58

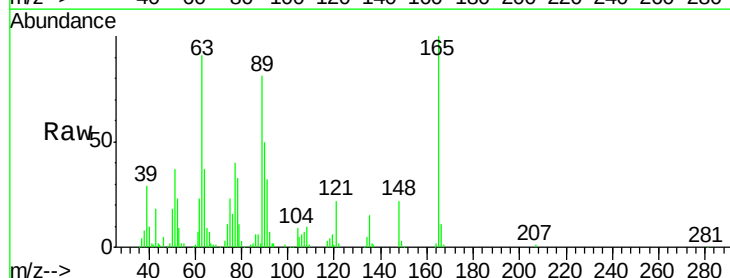
Tgt Ion:165 Resp: 173341

Ion Ratio Lower Upper

165 100

89 81.2 42.4 63.6#

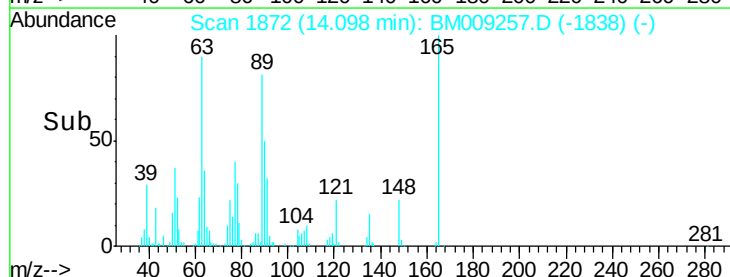
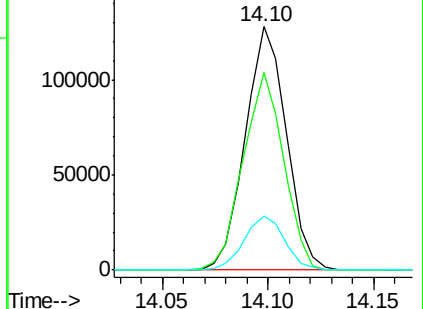
121 22.5 16.6 24.8

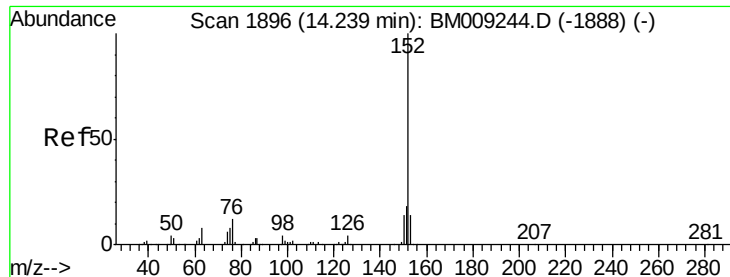


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 21.77 ng/ul

RT: 14.24 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BM009257.D

Acq: 14 Mar 2017 15:58

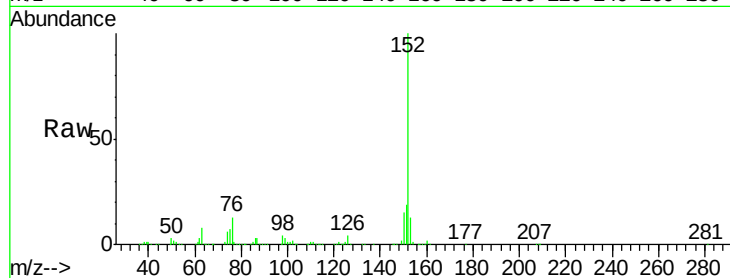
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:152 Resp: 1049987

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 19.4  | 15.7  | 23.5  |
| 153 | 12.8  | 10.5  | 15.7  |

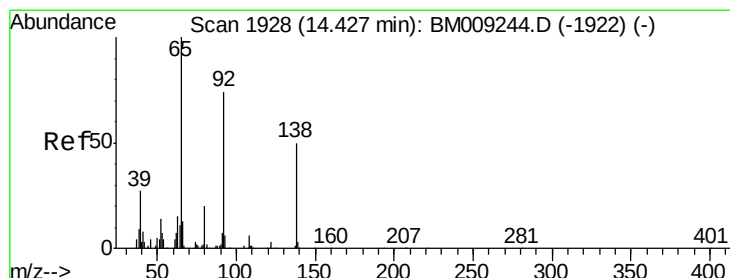
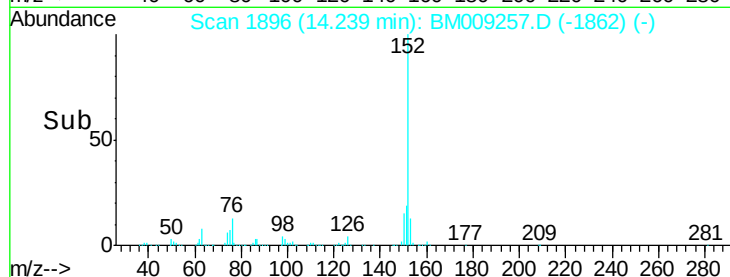
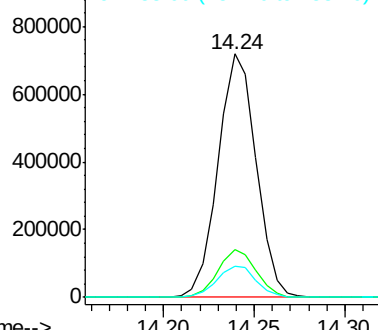


Abundance

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



#48

3-Nitroaniline

Concen: 22.64 ng/ul

RT: 14.43 min Scan# 1929

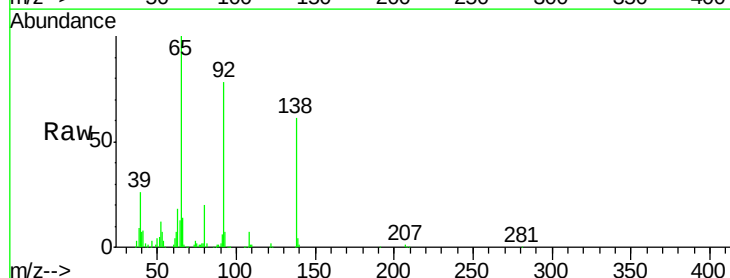
Delta R.T. 0.01 min

Lab File: BM009257.D

Acq: 14 Mar 2017 15:58

Tgt Ion:138 Resp: 194879

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 138 | 100   |       |       |
| 108 | 10.8  | 8.7   | 13.1  |
| 92  | 127.5 | 88.2  | 132.4 |

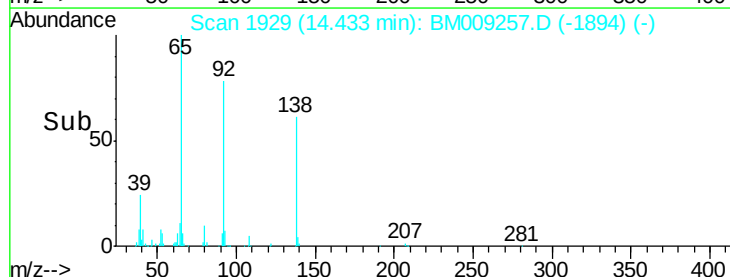
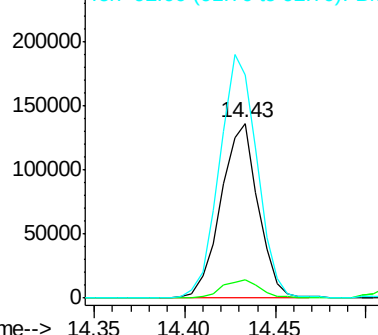


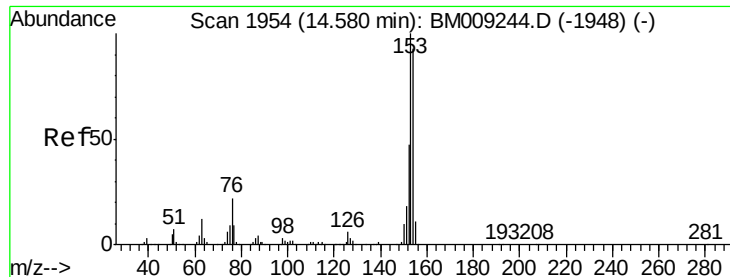
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 21.87 ng/ul

RT: 14.58 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BM009257.D

Acq: 14 Mar 2017 15:58

Instrument :

BNA\_M

ClientSampleId :

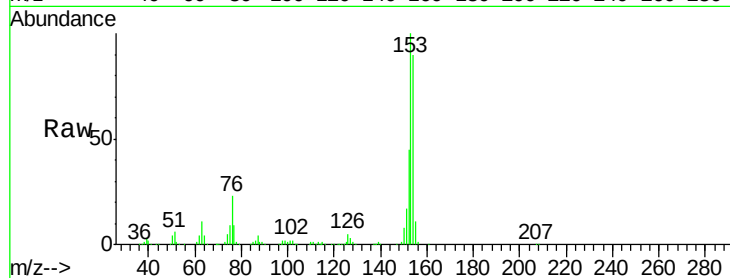
Tot Ion:153 Resp: 742026

Ion Ratio Lower Upper

153 100

152 45.5 38.3 57.5

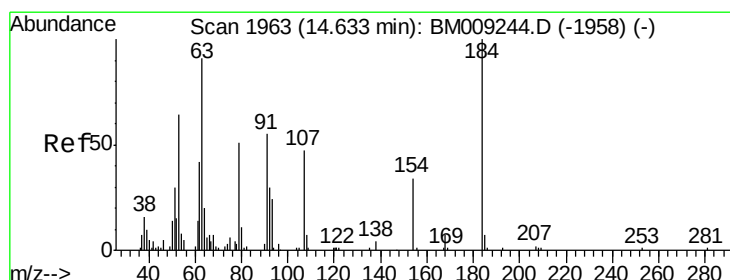
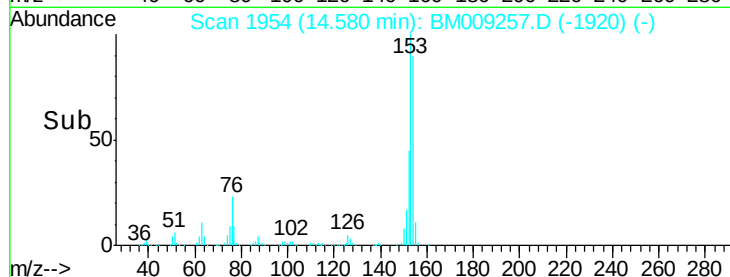
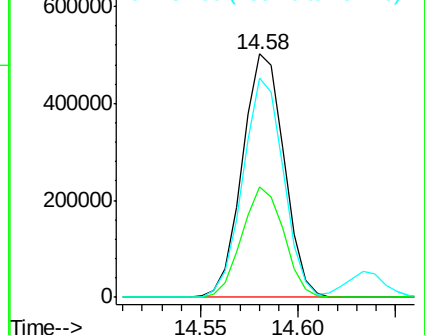
154 90.0 71.8 107.8



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 19.77 ng/ul

RT: 14.63 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BM009257.D

Acq: 14 Mar 2017 15:58

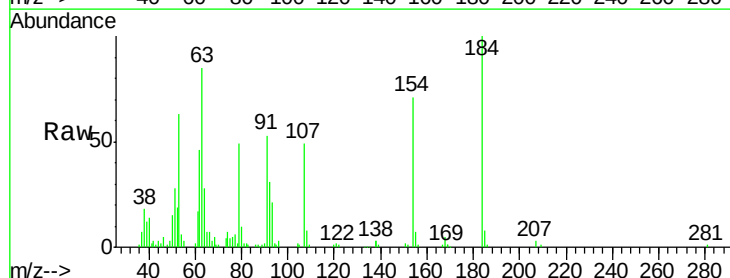
Tgt Ion:184 Resp: 104784

Ion Ratio Lower Upper

184 100

63 85.3 46.5 69.7#

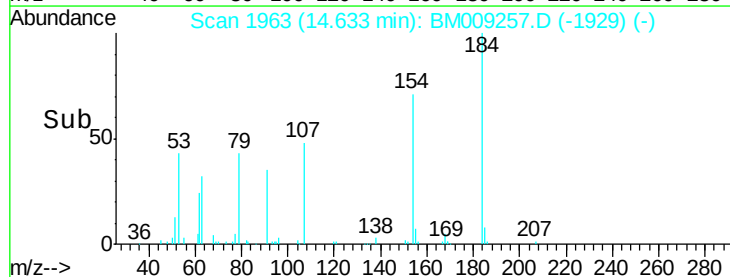
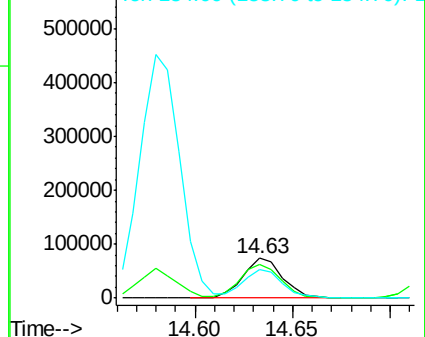
154 70.9 54.6 82.0

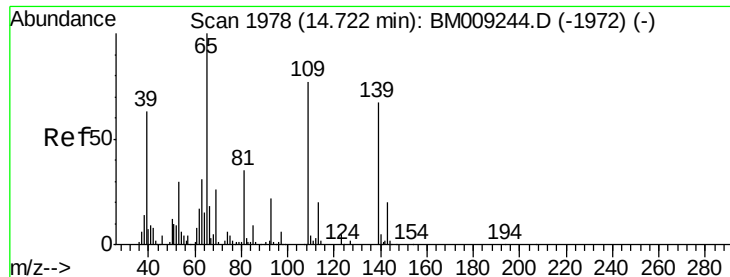


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 20.44 ng/ul

RT: 14.73 min Scan# 1979

Delta R.T. 0.01 min

Lab File: BM009257.D

Acq: 14 Mar 2017 15:58

Instrument :

BNA\_M

ClientSampled :

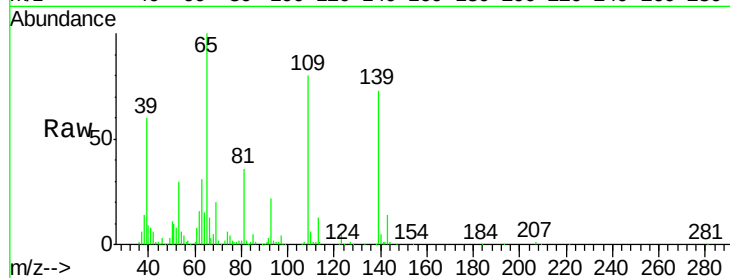
Tot Ion:109 Resp: 198560

Ion Ratio Lower Upper

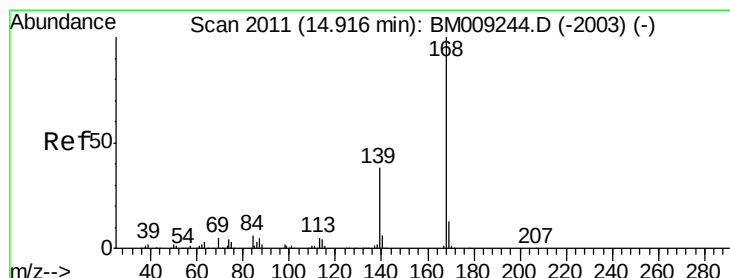
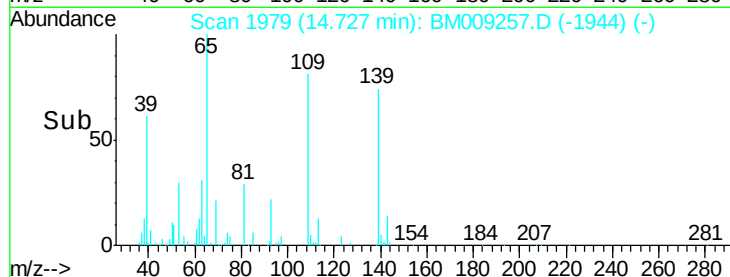
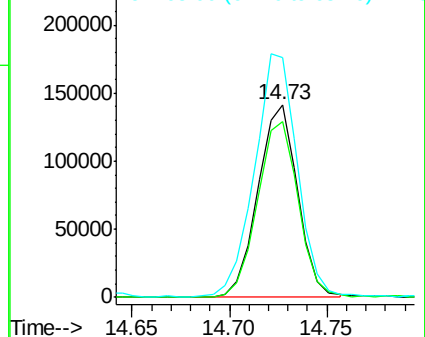
109 100

139 91.3 103.7 155.5#

65 124.6 89.4 134.2



Abundance Ion 109.00 (108.70 to 109.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 65.00 (64.70 to 65.70): BM



#53

Dibenzofuran

Concen: 21.73 ng/ul

RT: 14.92 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BM009257.D

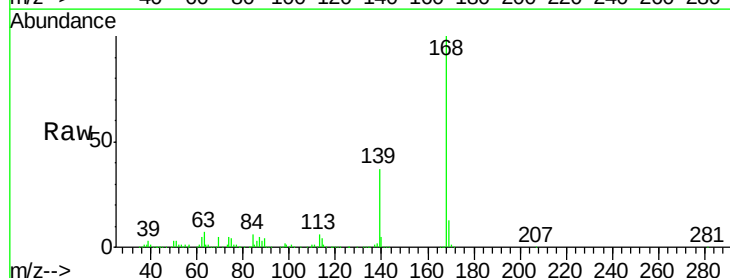
Acq: 14 Mar 2017 15:58

Tgt Ion:168 Resp: 1086566

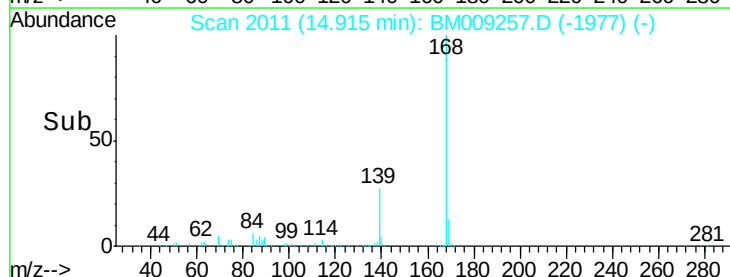
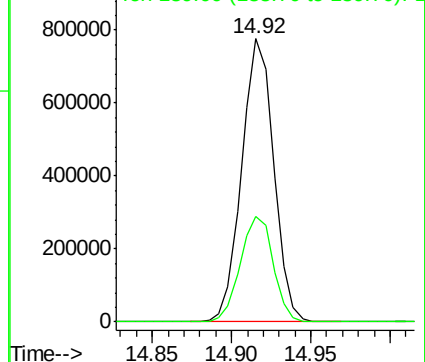
Ion Ratio Lower Upper

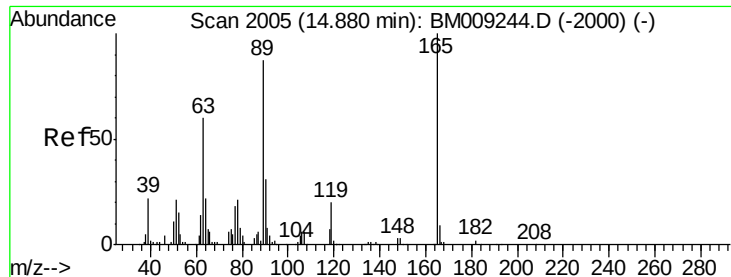
168 100

139 37.1 32.2 48.2



Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E





#54

2,4-Dinitrotoluene

Concen: 21.82 ng/ul

RT: 14.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BM009257.D

Acq: 14 Mar 2017 15:58

Instrument :

BNA\_M

ClientSampleId :

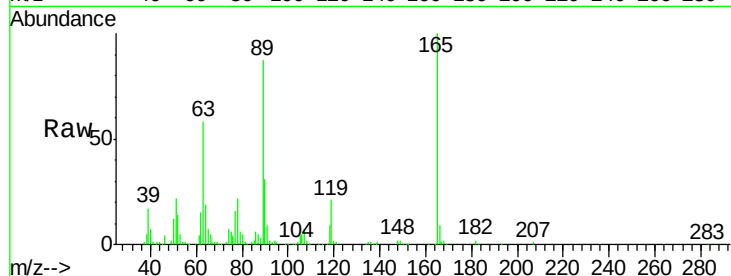
Tot Ion:165 Resp: 271663

Ion Ratio Lower Upper

165 100

63 58.0 29.8 44.6#

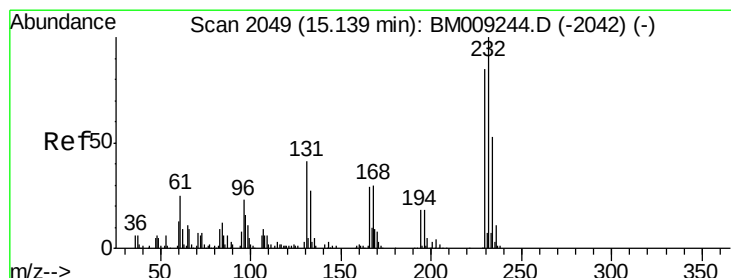
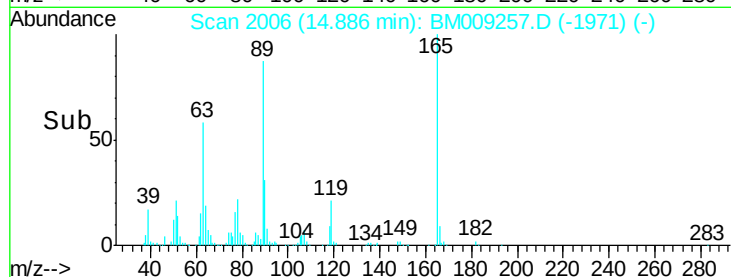
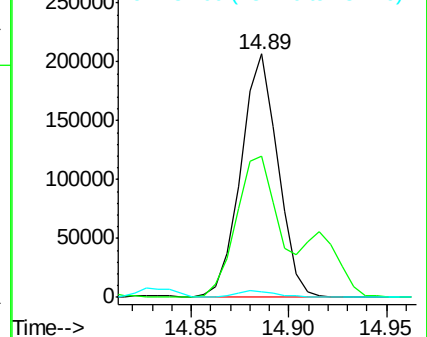
182 2.5 2.2 3.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 21.87 ng/ul

RT: 15.14 min Scan# 2049

Delta R.T. -0.00 min

Lab File: BM009257.D

Acq: 14 Mar 2017 15:58

Tgt Ion:232 Resp: 252937

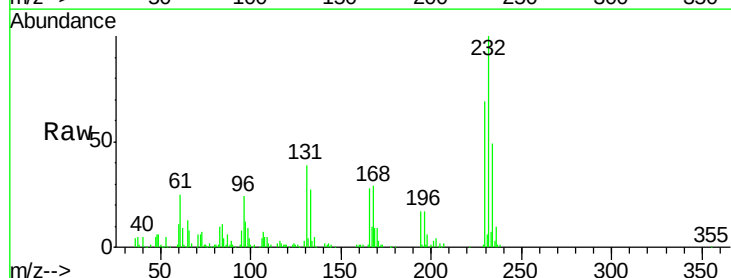
Ion Ratio Lower Upper

232 100

131 39.3 39.4 59.2#

130 3.0 2.2 3.2

166 28.1 26.6 39.8

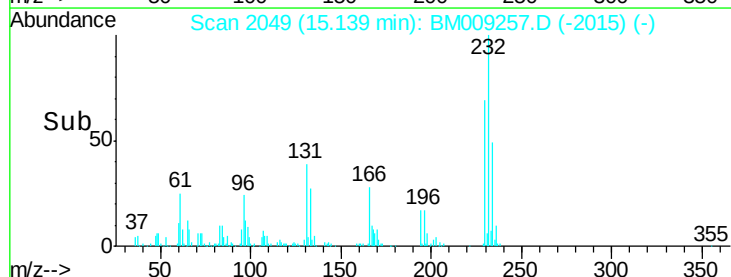
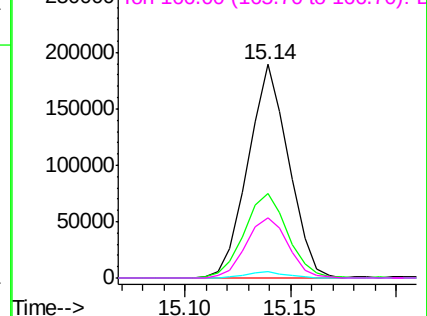


Abundance Ion 232.00 (231.70 to 232.70): E

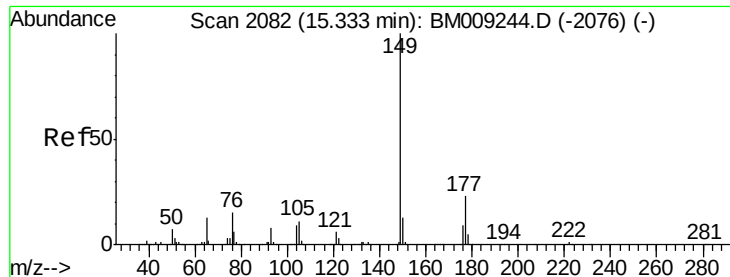
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



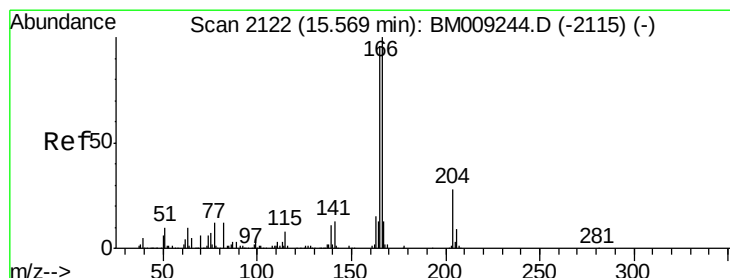
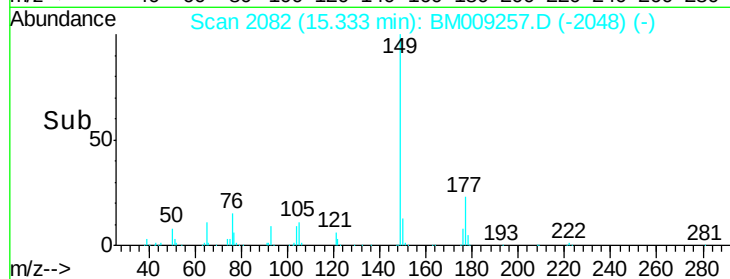
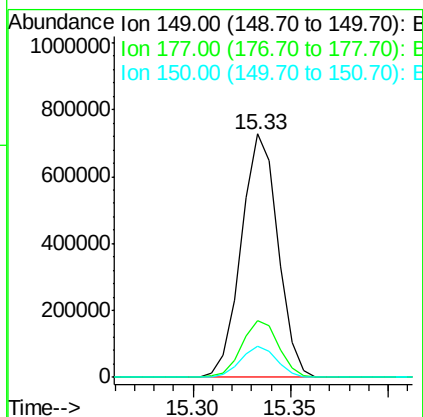
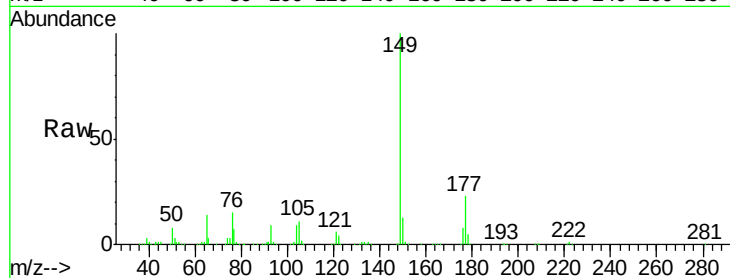




#56  
Diethylphthalate  
Concen: 21.54 ng/ul  
RT: 15.33 min Scan# 2082  
Delta R.T. -0.00 min  
Lab File: BM009257.D  
Acq: 14 Mar 2017 15:58

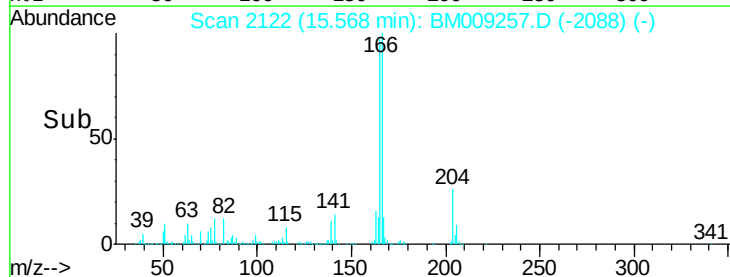
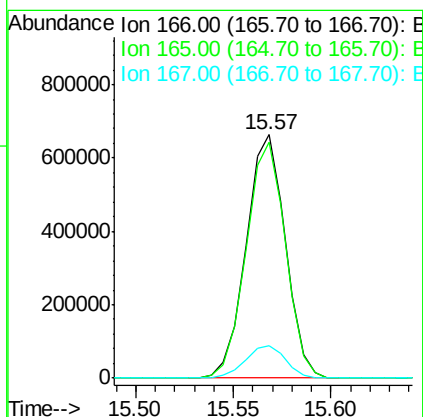
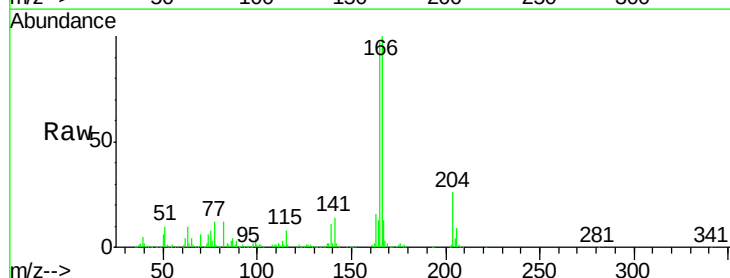
Instrument :  
BNA\_M  
ClientSampleId :

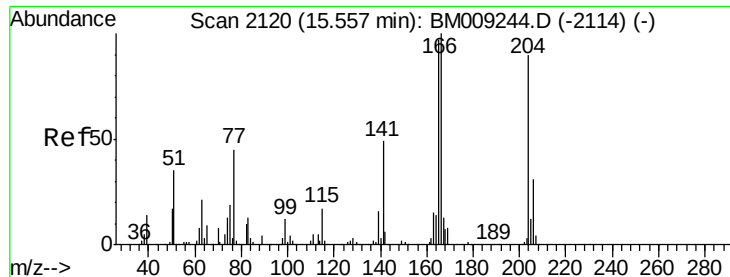
Tot Ion:149 Resp: 947542  
Ion Ratio Lower Upper  
149 100  
177 23.2 17.4 26.2  
150 12.7 10.0 15.0



#58  
Fluorene  
Concen: 21.30 ng/ul  
RT: 15.57 min Scan# 2122  
Delta R.T. -0.00 min  
Lab File: BM009257.D  
Acq: 14 Mar 2017 15:58

Tgt Ion:166 Resp: 919145  
Ion Ratio Lower Upper  
166 100  
165 97.0 78.5 117.7  
167 13.4 10.7 16.1

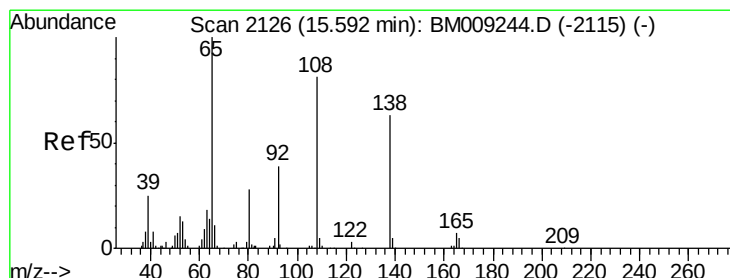
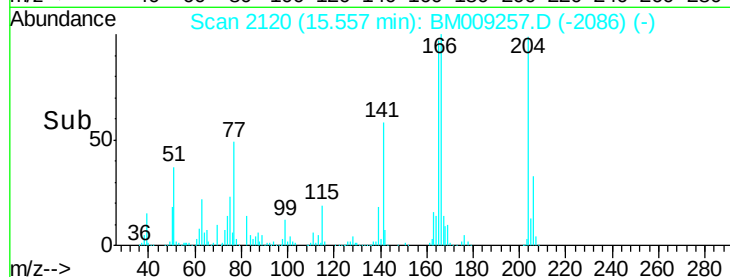
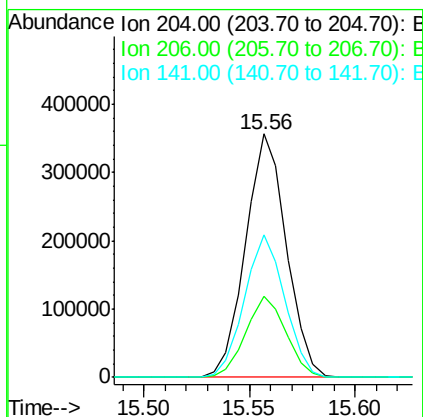
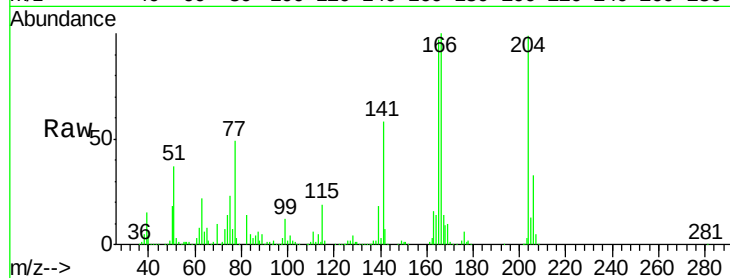




#59  
4-Chlorophenyl-phenylether  
Concen: 21.60 ng/ul  
RT: 15.56 min Scan# 2120  
Delta R.T. -0.00 min  
Lab File: BM009257.D  
Acq: 14 Mar 2017 15:58

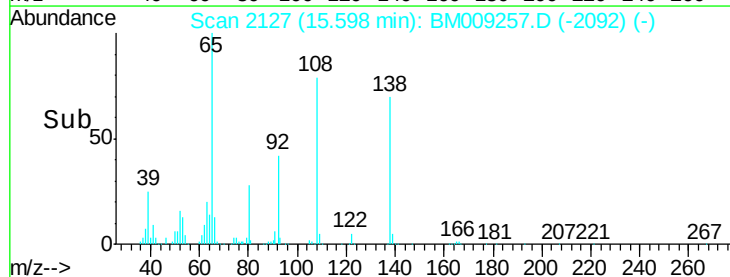
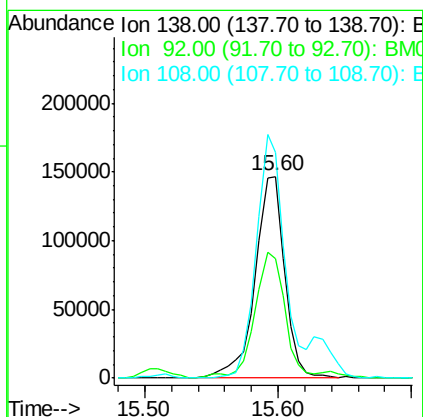
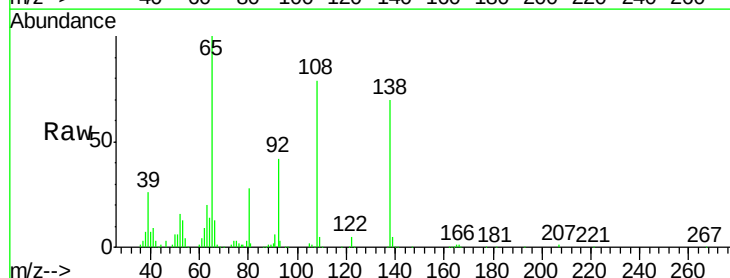
Instrument :  
BNA\_M  
ClientSampled :

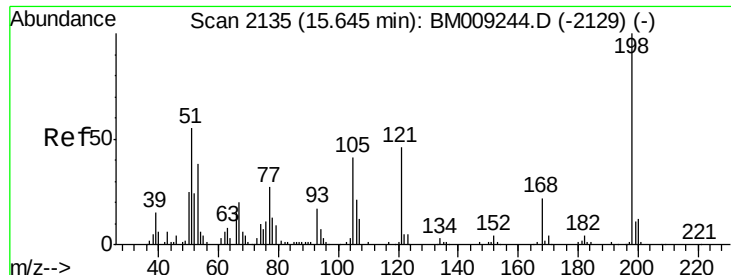
Tot Ion:204 Resp: 478835  
Ion Ratio Lower Upper  
204 100  
206 33.1 26.2 39.4  
141 58.3 54.6 81.8



#60  
4-Nitroaniline  
Concen: 23.04 ng/ul  
RT: 15.60 min Scan# 2127  
Delta R.T. 0.01 min  
Lab File: BM009257.D  
Acq: 14 Mar 2017 15:58

Tgt Ion:138 Resp: 225178  
Ion Ratio Lower Upper  
138 100  
92 59.5 40.6 60.8  
108 111.8 67.0 100.6#

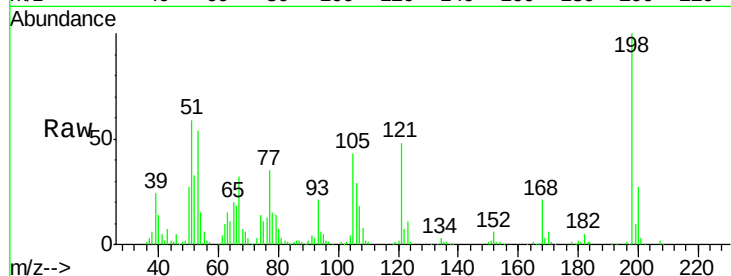




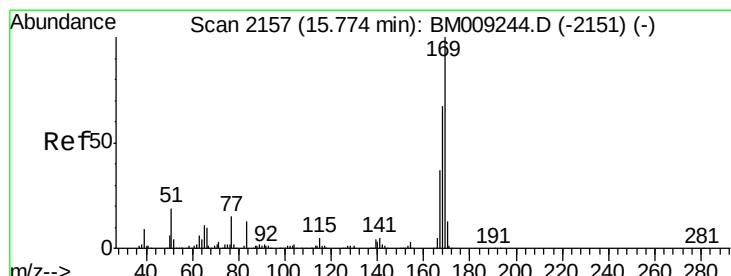
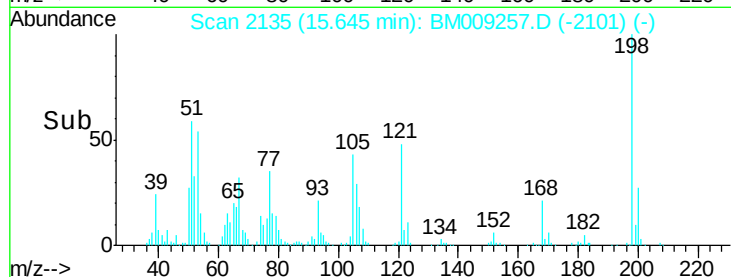
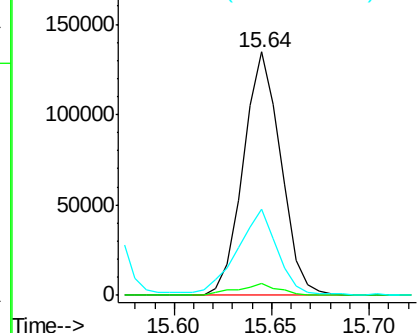
#63  
 4,6-Dinitro-2-methylphenol  
 Concen: 19.41 ng/ul  
 RT: 15.64 min Scan# 2135  
 Delta R.T. -0.00 min  
 Lab File: BM009257.D  
 Acq: 14 Mar 2017 15:58

Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion   | 198  | Resp  | 179642 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 182       | 5.0  | 3.1   | 4.7#   |
| 77        | 35.3 | 20.1  | 30.1#  |

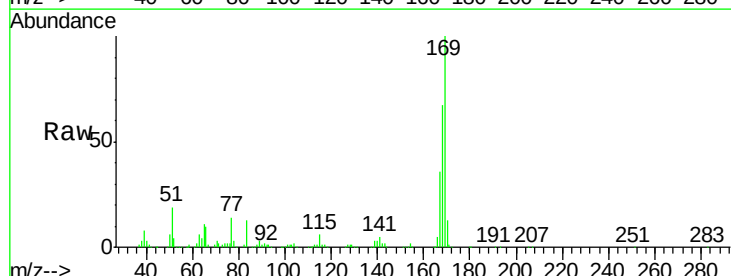


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 77.00 (76.70 to 77.70): B

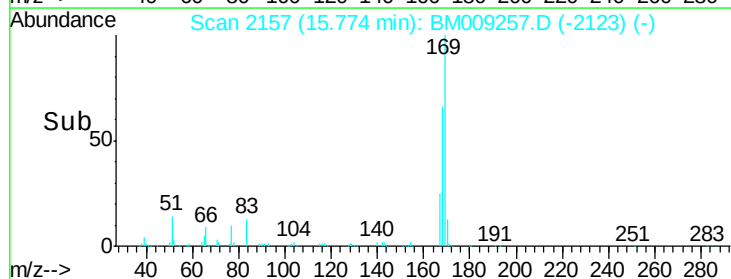
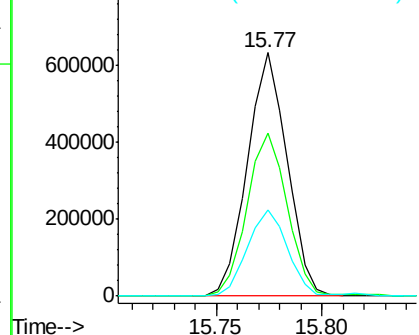


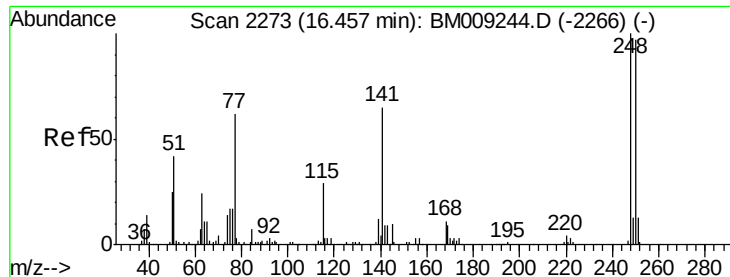
#64  
 N-Nitrosodiphenylamine  
 Concen: 19.96 ng/ul  
 RT: 15.77 min Scan# 2157  
 Delta R.T. -0.00 min  
 Lab File: BM009257.D  
 Acq: 14 Mar 2017 15:58

| Tgt Ion   | 169  | Resp  | 825969 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 168       | 67.1 | 53.8  | 80.8   |
| 167       | 35.6 | 29.3  | 43.9   |



Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

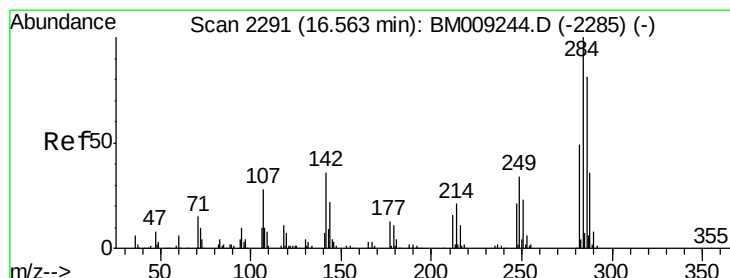
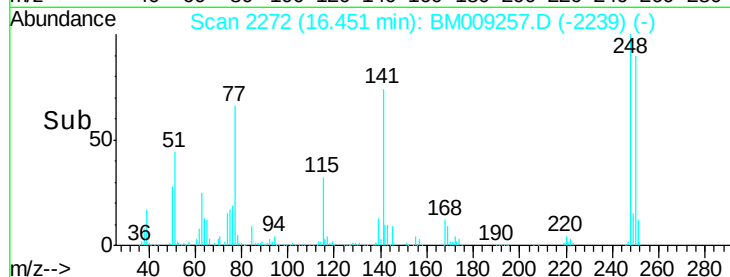
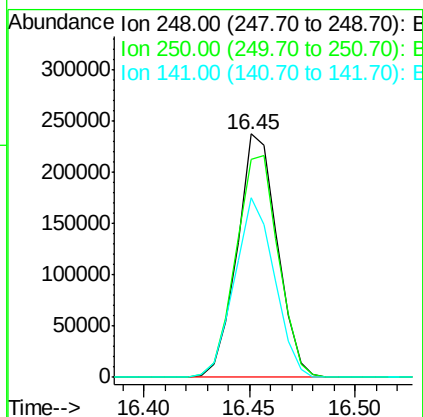
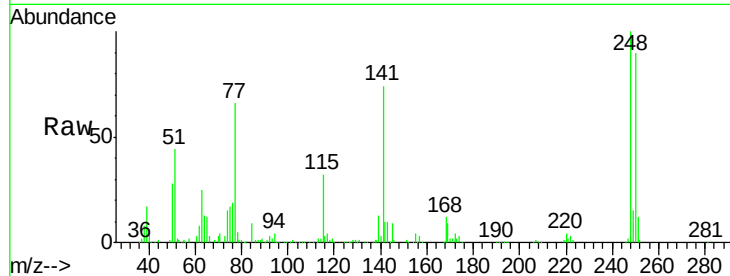




#65  
4-Bromophenyl-phenylether  
Concen: 19.63 ng/ul  
RT: 16.45 min Scan# 2272  
Delta R.T. -0.01 min  
Lab File: BM009257.D  
Acq: 14 Mar 2017 15:58

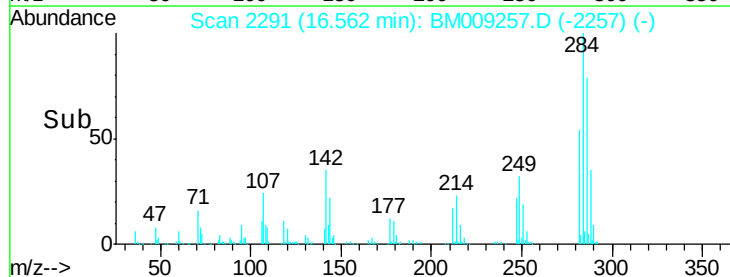
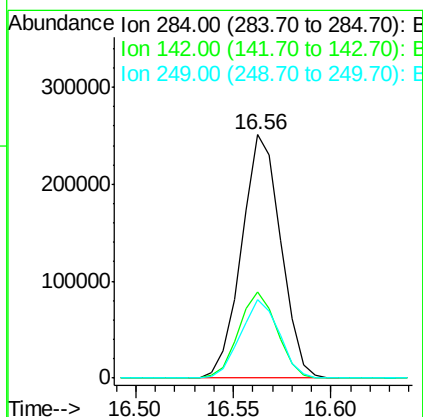
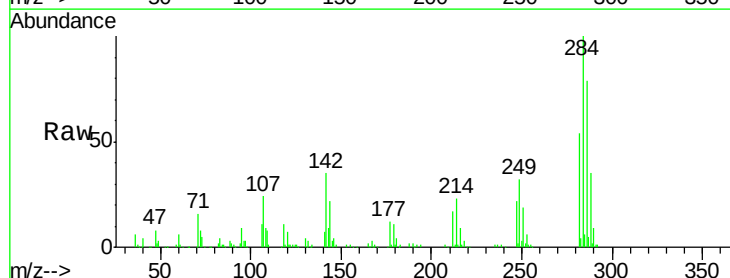
Instrument :  
BNA\_M  
ClientSampleId :

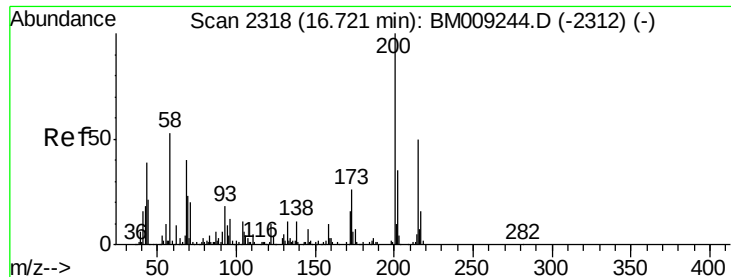
Tot Ion:248 Resp: 312282  
Ion Ratio Lower Upper  
248 100  
250 89.7 78.7 118.1  
141 73.7 72.2 108.2



#66  
Hexachlorobenzene  
Concen: 19.77 ng/ul  
RT: 16.56 min Scan# 2291  
Delta R.T. -0.00 min  
Lab File: BM009257.D  
Acq: 14 Mar 2017 15:58

Tgt Ion:284 Resp: 349857  
Ion Ratio Lower Upper  
284 100  
142 35.5 33.1 49.7  
249 32.3 27.1 40.7

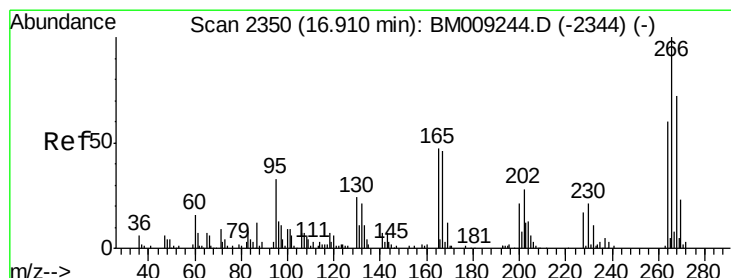
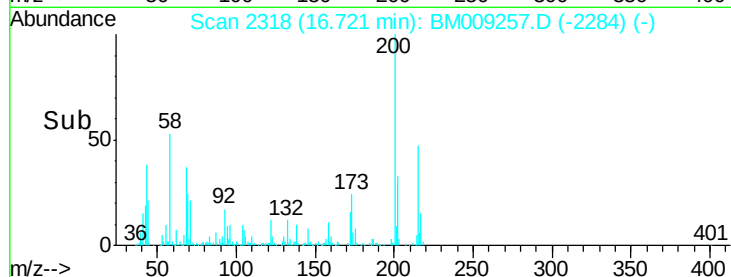
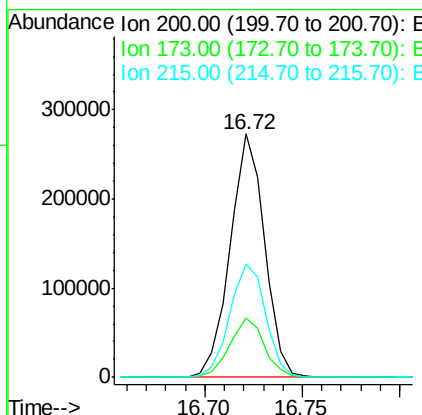
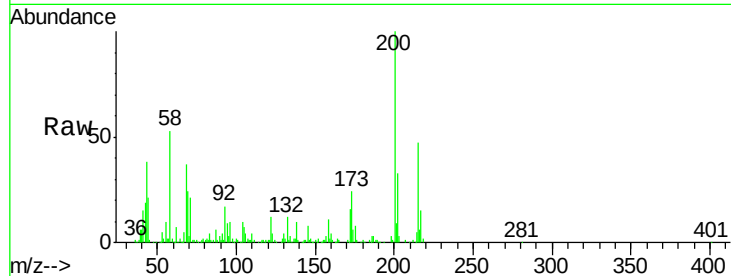




#67  
 Atrazine  
 Concen: 19.22 ng/ul  
 RT: 16.72 min Scan# 2318  
 Delta R.T. -0.00 min  
 Lab File: BM009257.D  
 Acq: 14 Mar 2017 15:58

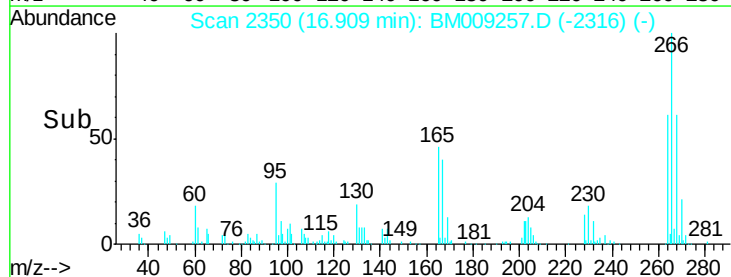
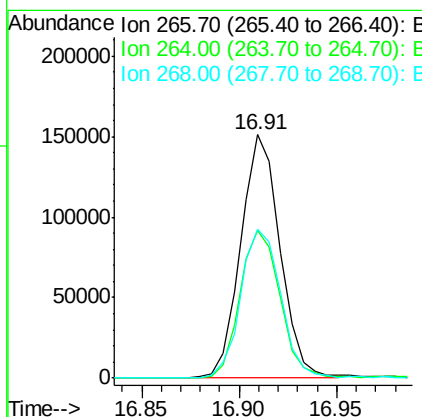
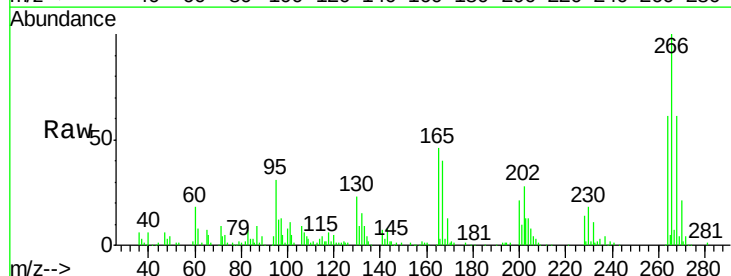
Instrument :  
 BNA\_M  
 ClientSampleId :

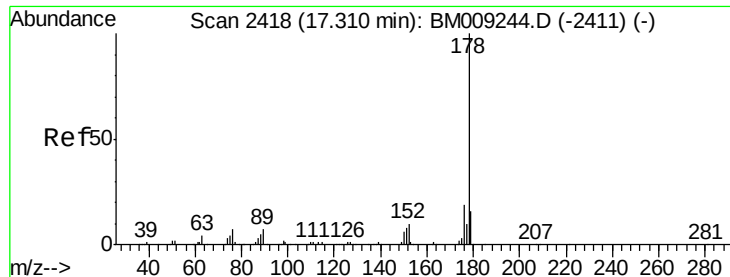
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 24.2  | 21.6  | 32.4  |
| 215     | 46.5  | 37.0  | 55.4  |



#68  
 Pentachlorophenol  
 Concen: 18.18 ng/ul  
 RT: 16.91 min Scan# 2350  
 Delta R.T. -0.00 min  
 Lab File: BM009257.D  
 Acq: 14 Mar 2017 15:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 60.7  | 50.5  | 75.7  |
| 268     | 61.0  | 50.9  | 76.3  |

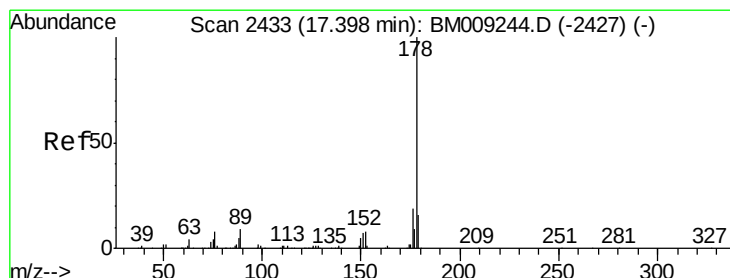
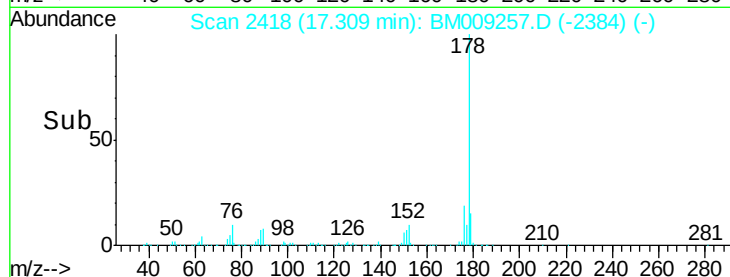
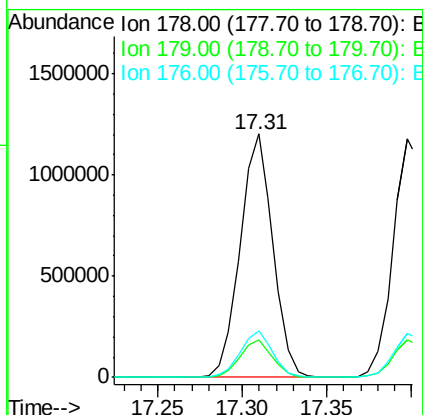
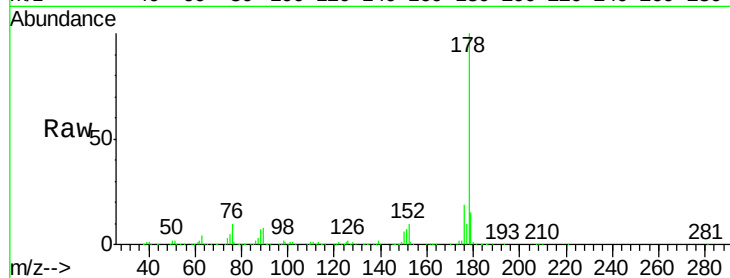




#69  
Phenanthrene  
Concen: 19.79 ng/ul  
RT: 17.31 min Scan# 2418  
Delta R.T. -0.00 min  
Lab File: BM009257.D  
Acq: 14 Mar 2017 15:58

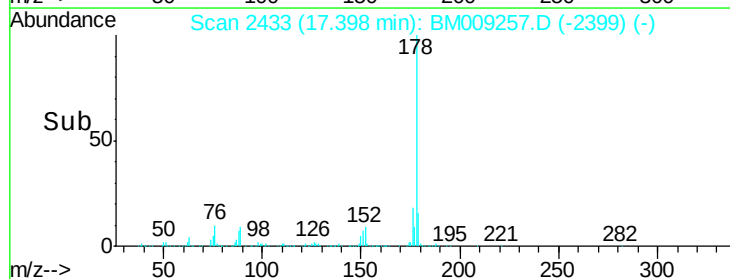
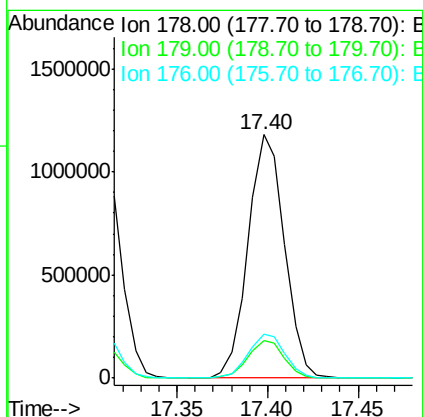
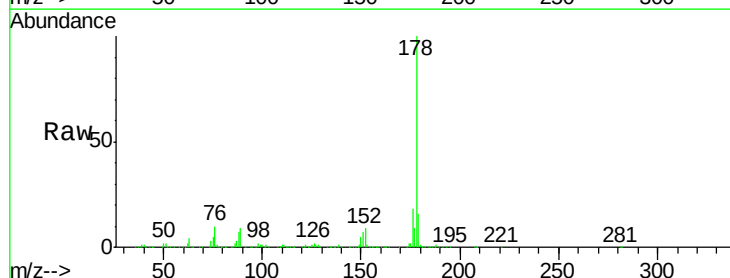
Instrument :  
BNA\_M  
ClientSampleId :

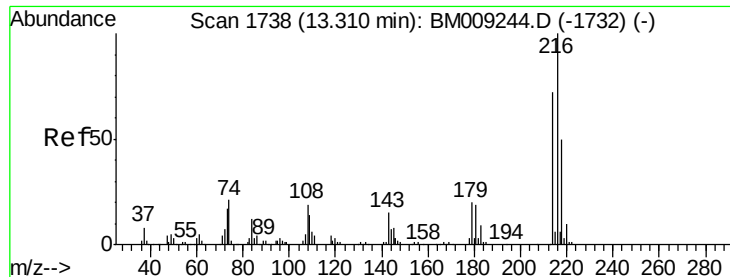
Tot Ion:178 Resp: 1622046  
Ion Ratio Lower Upper  
178 100  
179 15.3 12.2 18.4  
176 19.2 15.6 23.4



#71  
Anthracene  
Concen: 19.70 ng/ul  
RT: 17.40 min Scan# 2433  
Delta R.T. -0.00 min  
Lab File: BM009257.D  
Acq: 14 Mar 2017 15:58

Tgt Ion:178 Resp: 1646963  
Ion Ratio Lower Upper  
178 100  
179 15.5 12.1 18.1  
176 18.2 14.8 22.2





#72

1,2,3,4-Tetrachlorobenzene

Concen: 19.80 ng/uL

RT: 13.31 min Scan# 1738

Delta R.T. -0.00 min

Lab File: BM009257.D

Acq: 14 Mar 2017 15:58

Instrument :

BNA\_M

ClientSampleId :

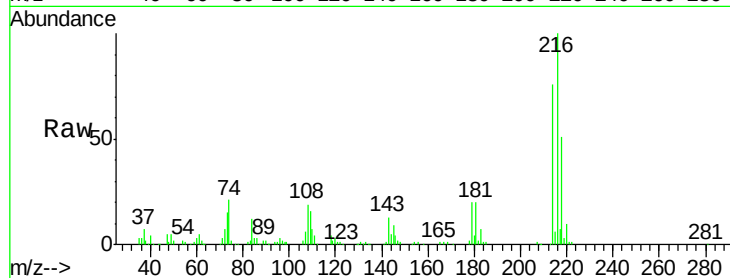
Tot Ion:216 Resp: 342515

Ion Ratio Lower Upper

216 100

214 76.3 62.5 93.7

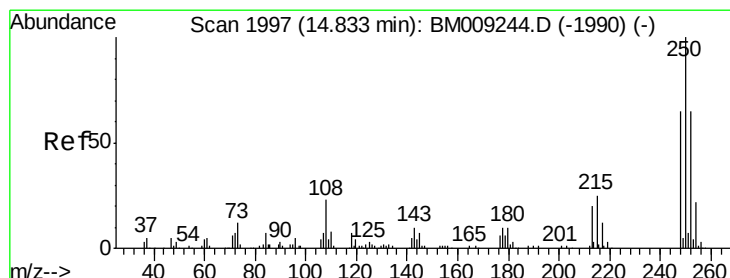
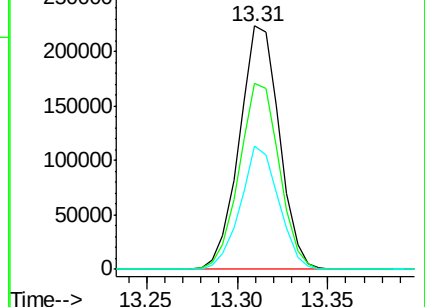
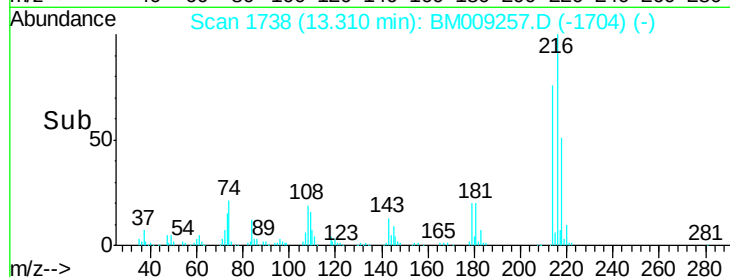
218 50.8 38.4 57.6



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E



#73

Pentachlorobenzene

Concen: 19.64 ng/uL

RT: 14.83 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BM009257.D

Acq: 14 Mar 2017 15:58

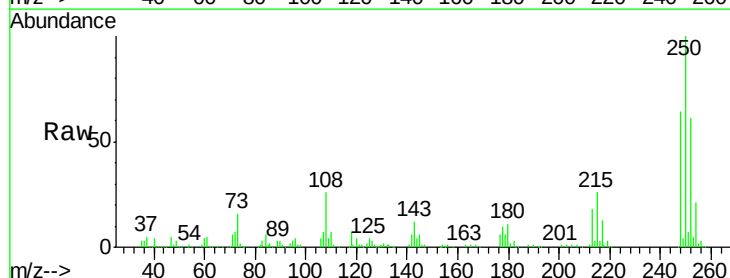
Tgt Ion:250 Resp: 364834

Ion Ratio Lower Upper

250 100

248 63.7 50.6 75.8

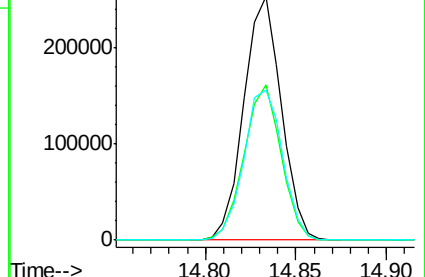
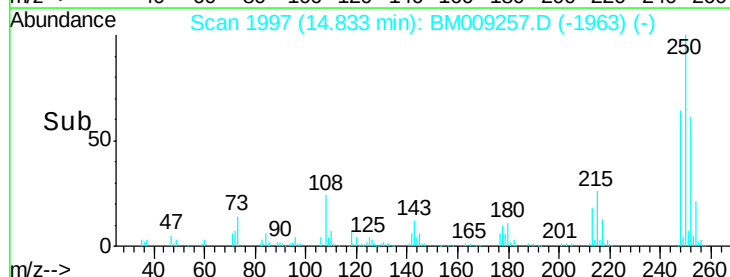
252 61.4 51.4 77.0

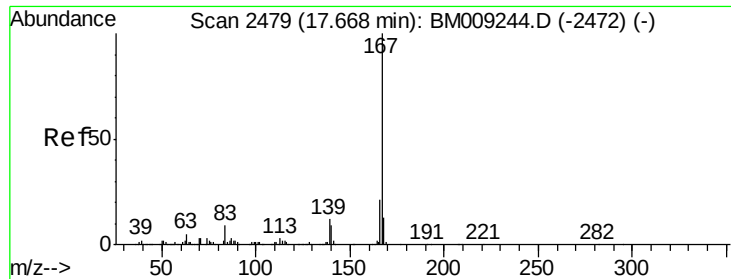


Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E



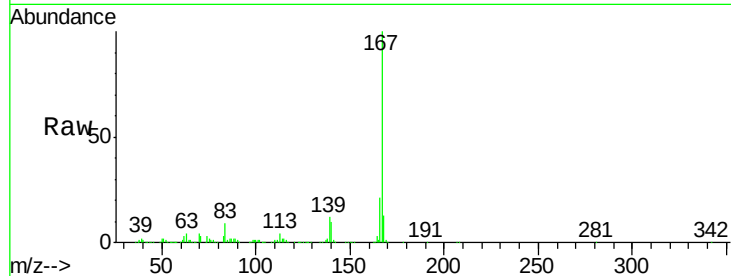


#74  
 Carbazole  
 Concen: 19.56 ng/ul  
 RT: 17.67 min Scan# 2480  
 Delta R.T. 0.01 min  
 Lab File: BM009257.D  
 Acq: 14 Mar 2017 15:58

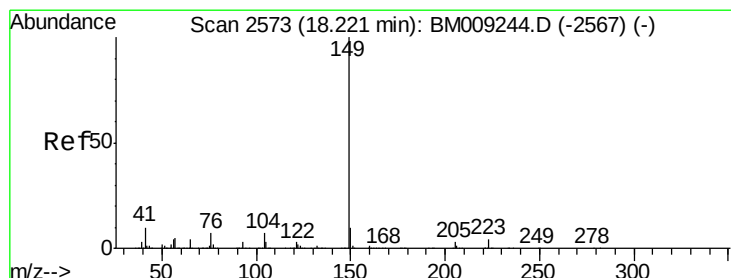
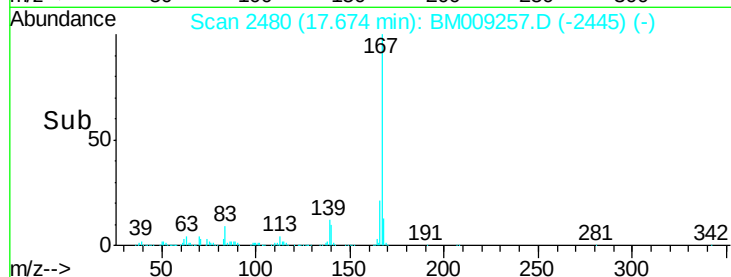
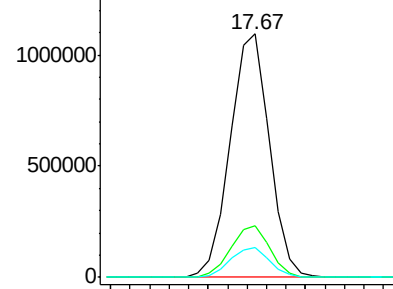
Instrument :  
 BNA\_M  
 ClientSampled :

Tot Ion:167 Resp: 1525760  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.1  | 17.0  | 25.6  |
| 139 | 12.5  | 11.0  | 16.4  |



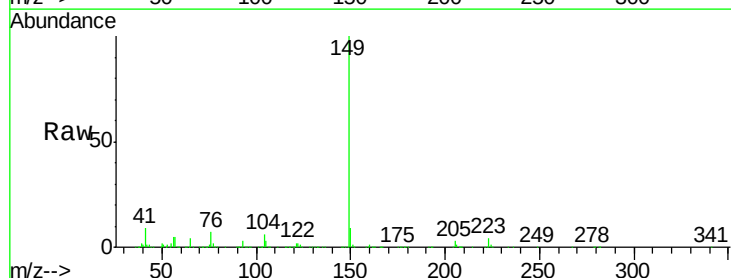
Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E



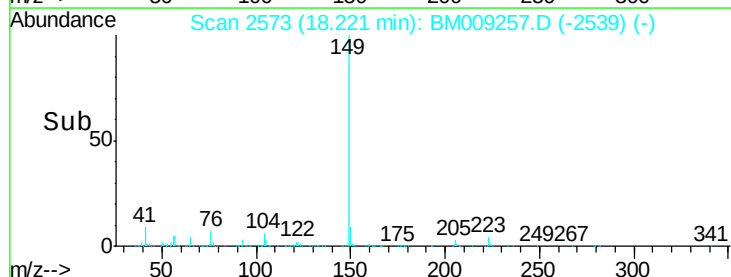
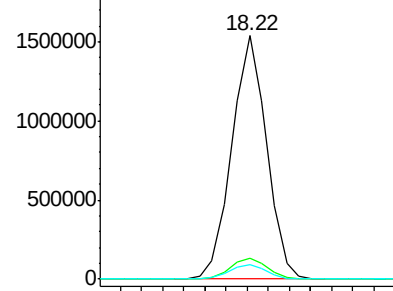
#75  
 Di-n-butylphthalate  
 Concen: 19.54 ng/ul  
 RT: 18.22 min Scan# 2573  
 Delta R.T. -0.00 min  
 Lab File: BM009257.D  
 Acq: 14 Mar 2017 15:58

Tgt Ion:149 Resp: 1757171  

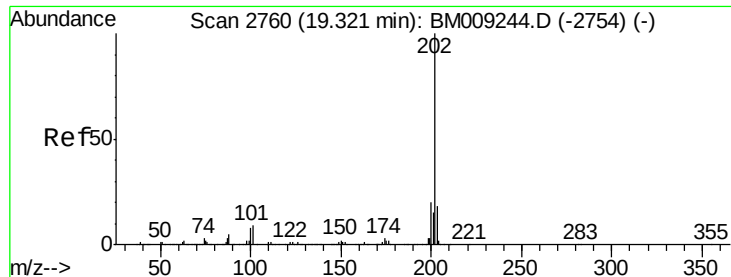
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 8.6   | 7.4   | 11.0  |
| 104 | 6.2   | 4.0   | 6.0   |



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 104.00 (103.70 to 104.70): E







#76

Fluoranthene

Concen: 20.30 ng/ul

RT: 19.32 min Scan# 2760

Delta R.T. -0.00 min

Lab File: BM009257.D

Acq: 14 Mar 2017 15:58

Instrument :

BNA\_M

ClientSampled :

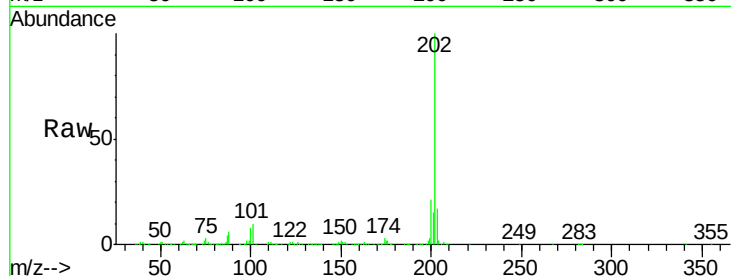
Tot Ion:202 Resp: 2097028

Ion Ratio Lower Upper

202 100

101 9.7 8.8 13.2

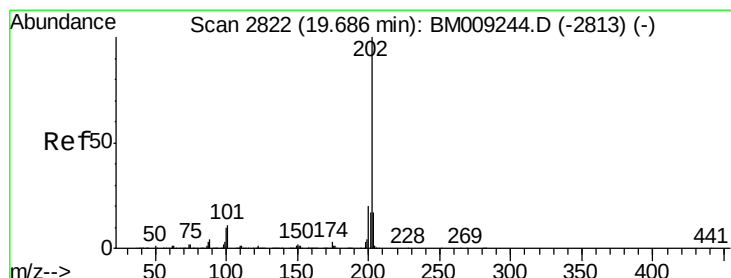
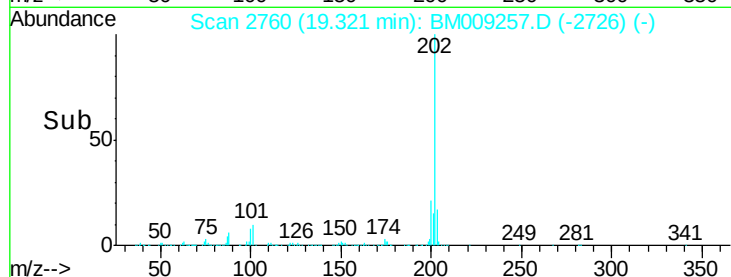
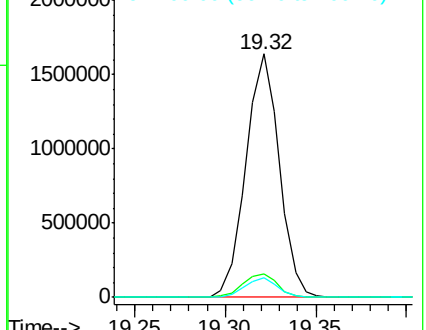
100 8.0 6.6 9.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#79

Pyrene

Concen: 19.77 ng/ul

RT: 19.69 min Scan# 2822

Delta R.T. -0.00 min

Lab File: BM009257.D

Acq: 14 Mar 2017 15:58

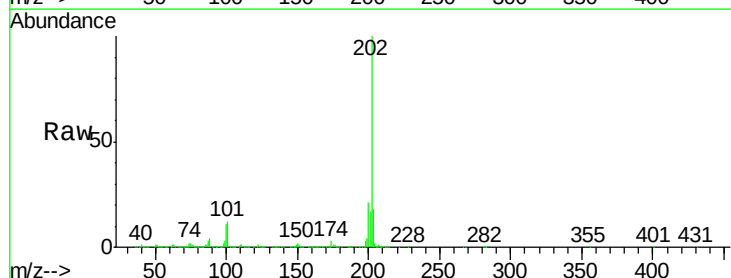
Tgt Ion:202 Resp: 2209130

Ion Ratio Lower Upper

202 100

101 11.5 10.2 15.2

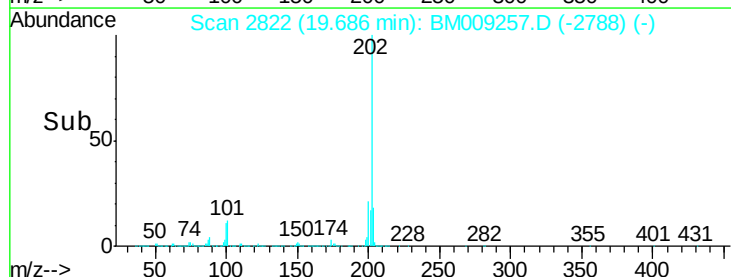
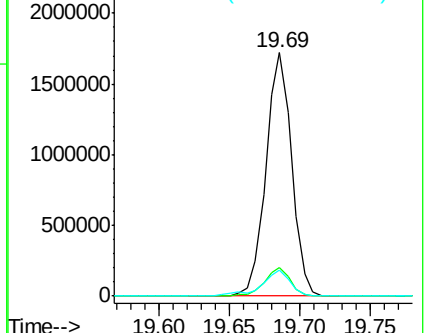
100 10.7 8.5 12.7

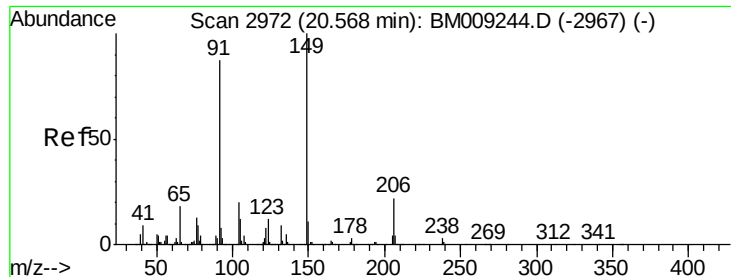


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

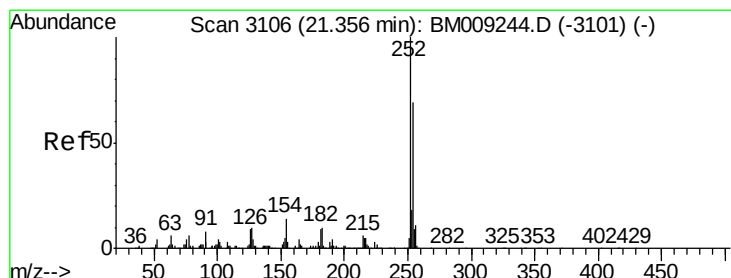
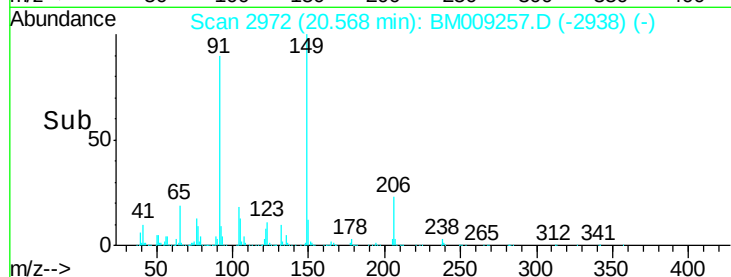
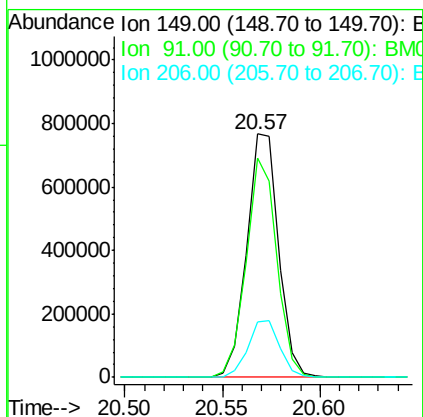
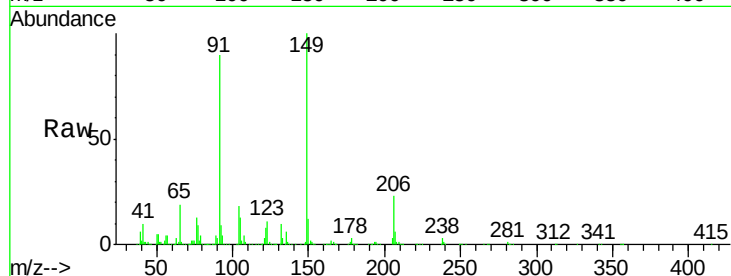




#80  
Butylbenzylphthalate  
Concen: 19.30 ng/ul  
RT: 20.57 min Scan# 2972  
Delta R.T. -0.00 min  
Lab File: BM009257.D  
Acq: 14 Mar 2017 15:58

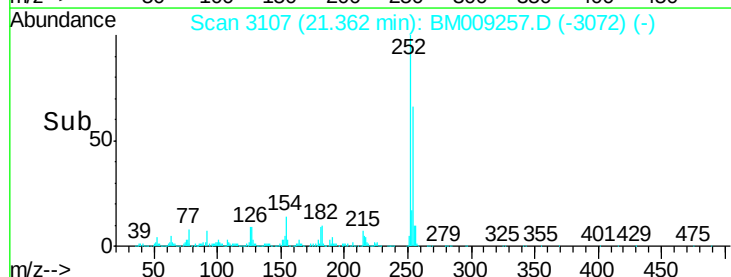
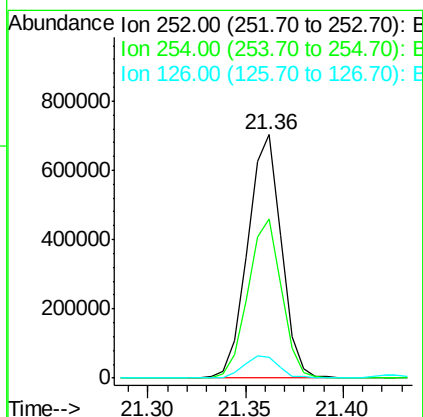
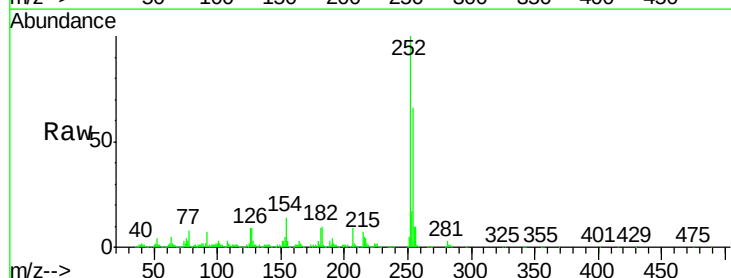
Instrument :  
BNA\_M  
ClientSampled :

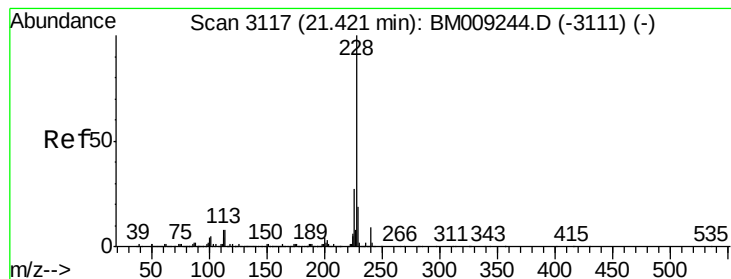
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 89.9  | 53.4  | 80.2# |
| 206     | 22.6  | 16.6  | 24.8  |



#81  
3,3'-Dichlorobenzidine  
Concen: 20.63 ng/ul  
RT: 21.36 min Scan# 3107  
Delta R.T. 0.01 min  
Lab File: BM009257.D  
Acq: 14 Mar 2017 15:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.6  | 52.2  | 78.2  |
| 126     | 8.5   | 9.4   | 14.2# |





#82

Benzo(a)anthracene

Concen: 19.75 ng/ul

RT: 21.43 min Scan# 3118

Delta R.T. 0.01 min

Lab File: BM009257.D

Acq: 14 Mar 2017 15:58

Instrument :

BNA\_M

ClientSampled :

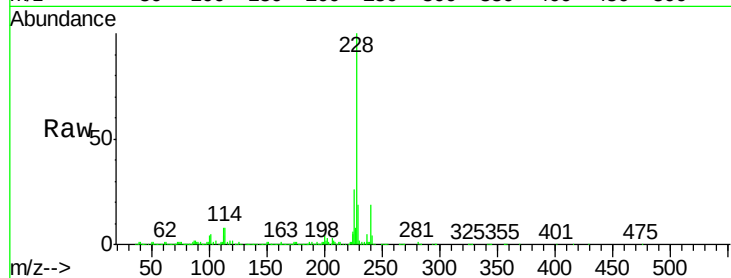
Tot Ion:228 Resp: 2428225

Ion Ratio Lower Upper

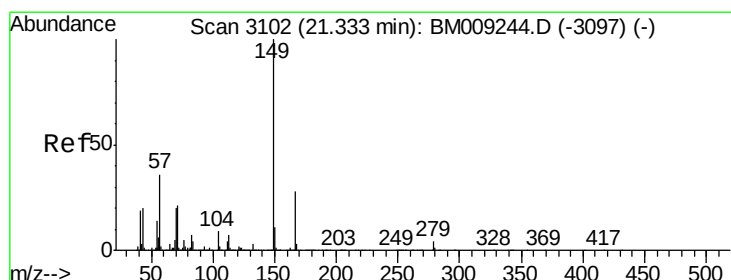
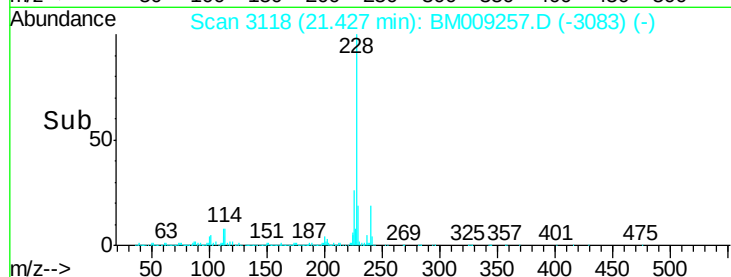
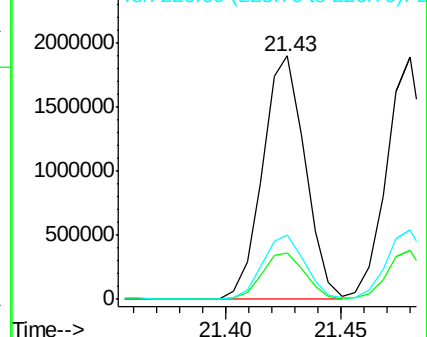
228 100

229 19.2 15.7 23.5

226 26.5 21.8 32.6



Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 229.00 (228.70 to 229.70): E  
Ion 226.00 (225.70 to 226.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 18.68 ng/ul

RT: 21.34 min Scan# 3103

Delta R.T. 0.01 min

Lab File: BM009257.D

Acq: 14 Mar 2017 15:58

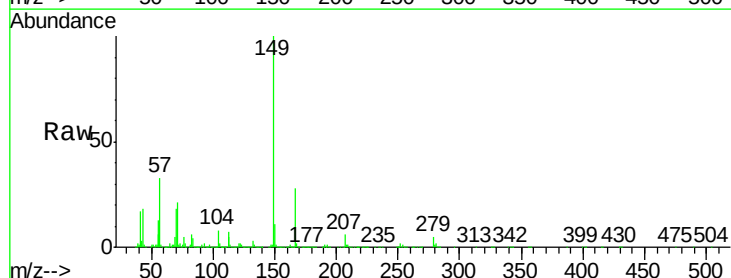
Tgt Ion:149 Resp: 1305817

Ion Ratio Lower Upper

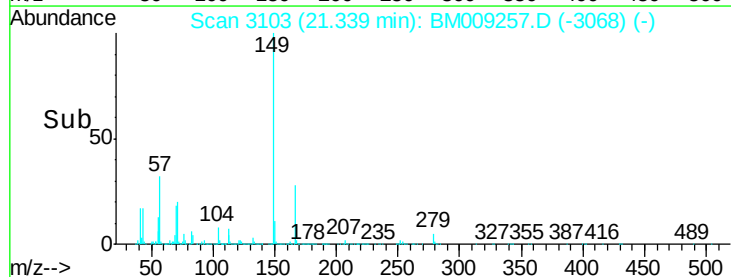
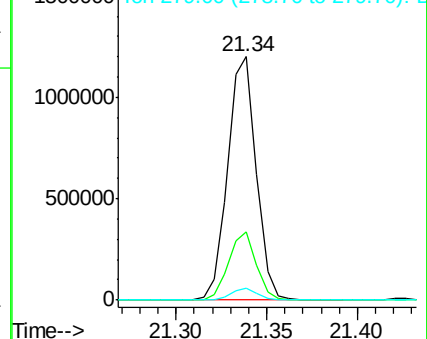
149 100

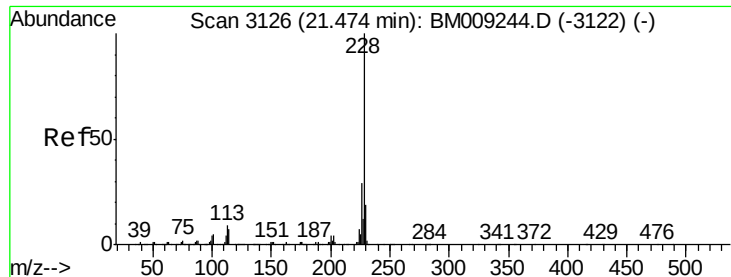
167 28.1 21.6 32.4

279 4.8 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 19.59 ng/ul

RT: 21.48 min Scan# 3127

Delta R.T. 0.01 min

Lab File: BM009257.D

Acq: 14 Mar 2017 15:58

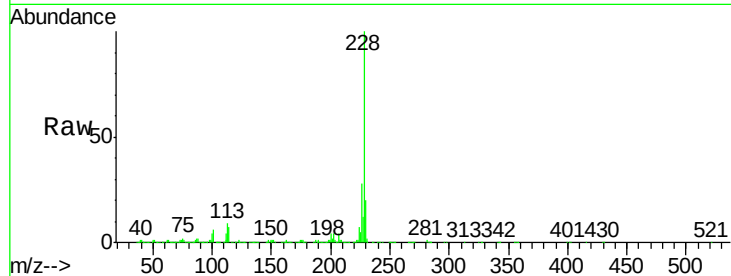
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:228 Resp: 2271527

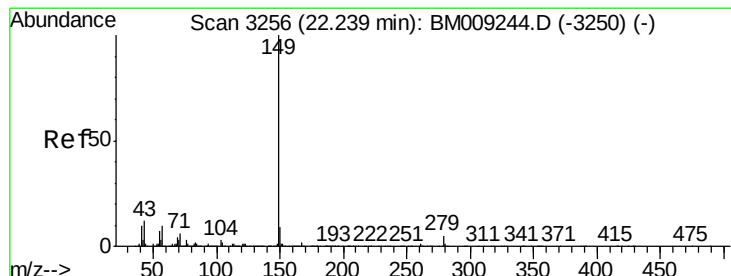
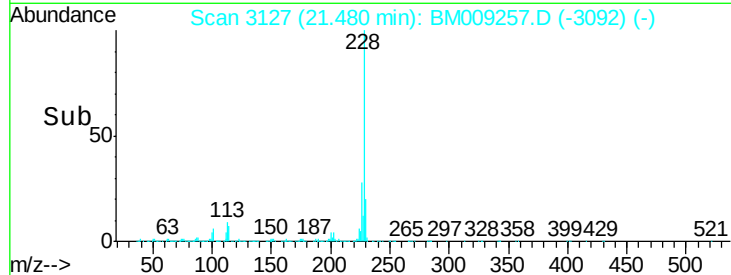
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 28.5  | 24.0  | 36.0  |
| 229 | 20.0  | 15.6  | 23.4  |



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



#86

Di-n-octyl phthalate

Concen: 19.87 ng/ul

RT: 22.24 min Scan# 3256

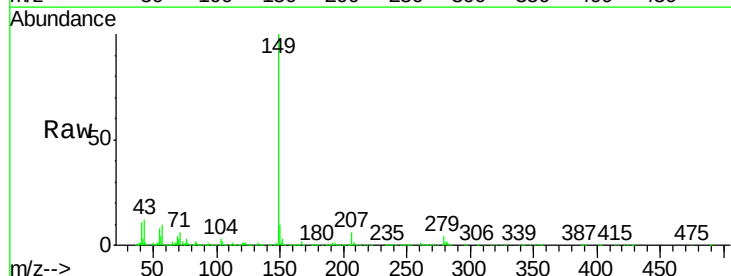
Delta R.T. -0.00 min

Lab File: BM009257.D

Acq: 14 Mar 2017 15:58

Tgt Ion:149 Resp: 2283543

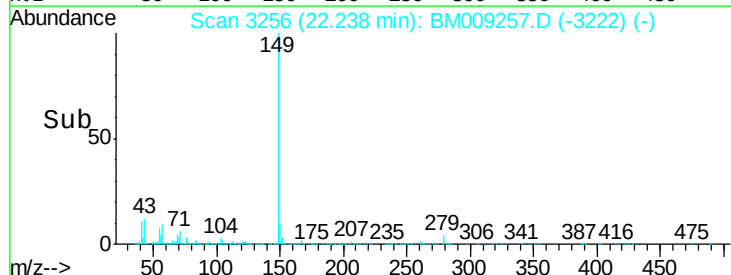
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 1.6   | 1.2   | 1.8   |
| 43  | 12.5  | 5.6   | 8.4   |

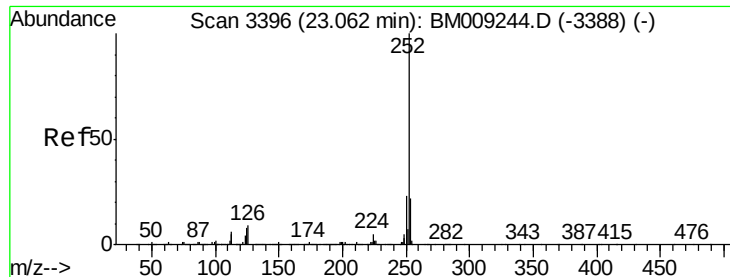


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#87

Benzo(b)fluoranthene

Concen: 20.00 ng/ul

RT: 23.07 min Scan# 3397

Delta R.T. 0.01 min

Lab File: BM009257.D

Acq: 14 Mar 2017 15:58

Instrument :

BNA\_M

ClientSampleId :

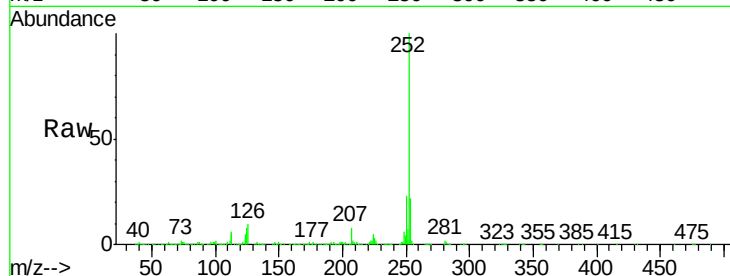
Tot Ion:252 Resp: 2525811

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

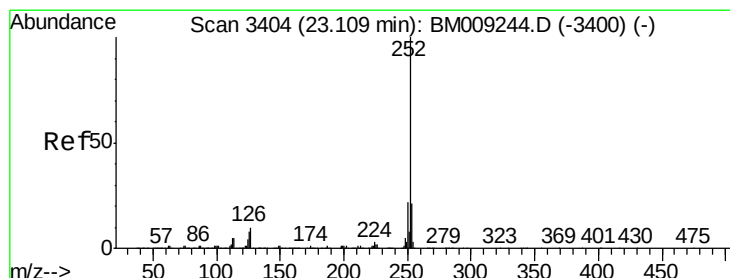
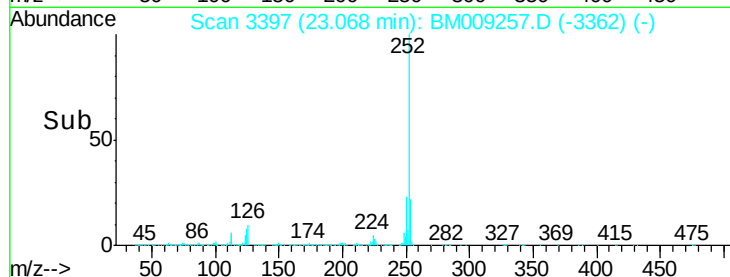
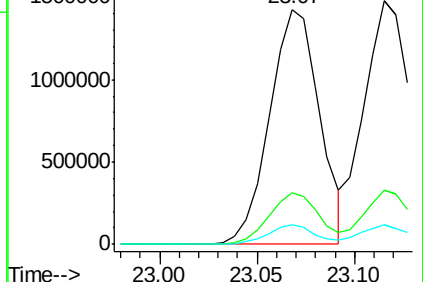
125 8.1 8.5 12.7#



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



#88

Benzo(k)fluoranthene

Concen: 20.22 ng/ul

RT: 23.11 min Scan# 3405

Delta R.T. 0.01 min

Lab File: BM009257.D

Acq: 14 Mar 2017 15:58

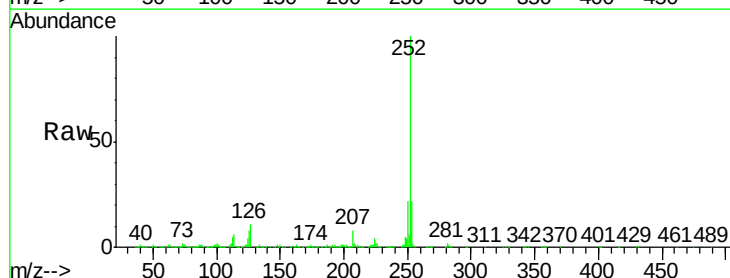
Tgt Ion:252 Resp: 2440634

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

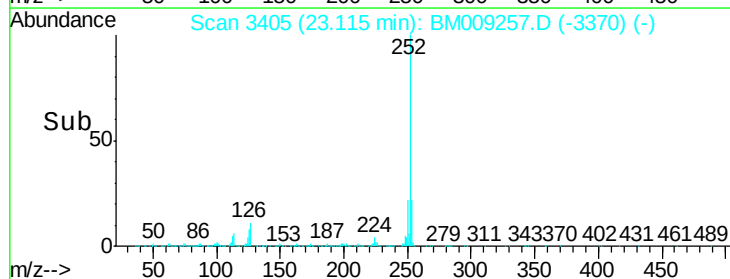
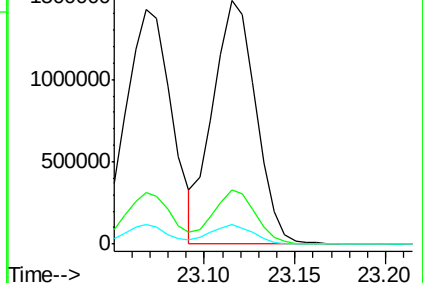
125 7.9 8.2 12.2#

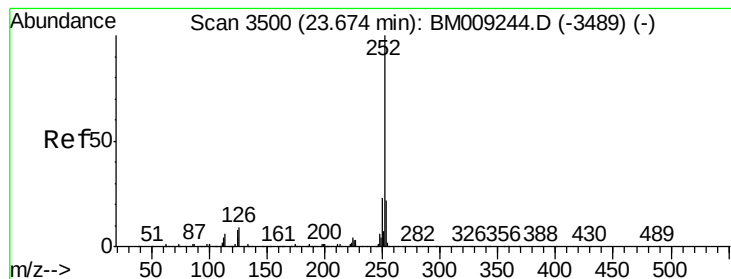


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 20.02 ng/ul

RT: 23.67 min Scan# 3500

Delta R.T. -0.00 min

Lab File: BM009257.D

Acq: 14 Mar 2017 15:58

Instrument :

BNA\_M

ClientSampleId :

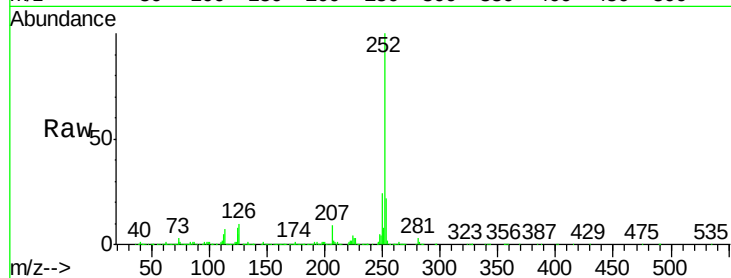
Tot Ion:252 Resp: 2457777

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.6  | 17.2  | 25.8  |
| 125 | 8.3   | 9.0   | 13.6  |

252 100

253 21.6 17.2 25.8

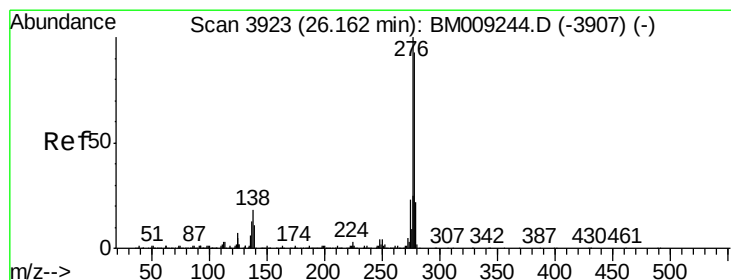
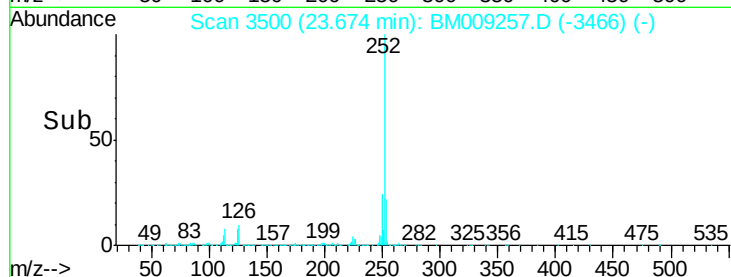
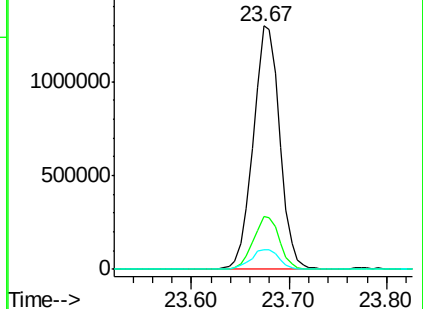
125 8.3 9.0 13.6



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



#91

Indeno(1,2,3-cd)pyrene

Concen: 19.57 ng/ul

RT: 26.17 min Scan# 3924

Delta R.T. 0.01 min

Lab File: BM009257.D

Acq: 14 Mar 2017 15:58

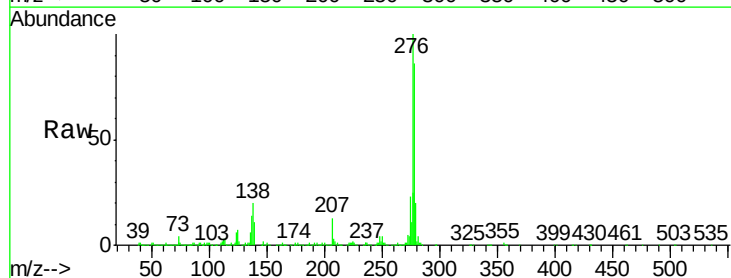
Tgt Ion:276 Resp: 2881732

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 20.2  | 22.3  | 33.5  |
| 277 | 24.8  | 20.2  | 30.2  |

276 100

138 20.2 22.3 33.5

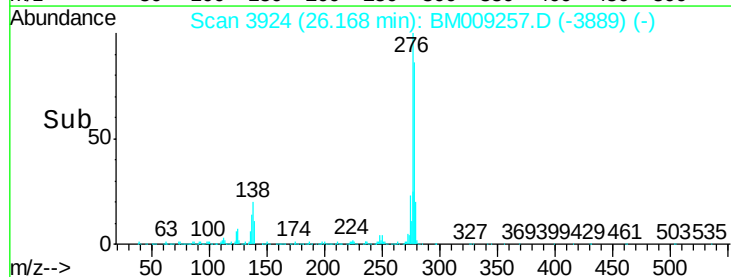
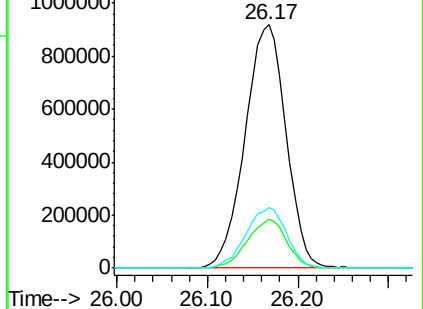
277 24.8 20.2 30.2

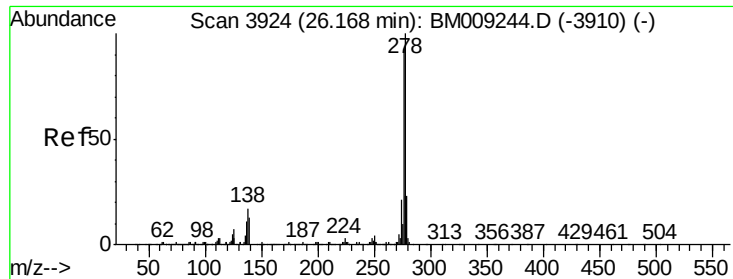


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 19.36 ng/ul

RT: 26.18 min Scan# 3926

Delta R.T. 0.01 min

Lab File: BM009257.D

Acq: 14 Mar 2017 15:58

Instrument :

BNA\_M

ClientSampleId :

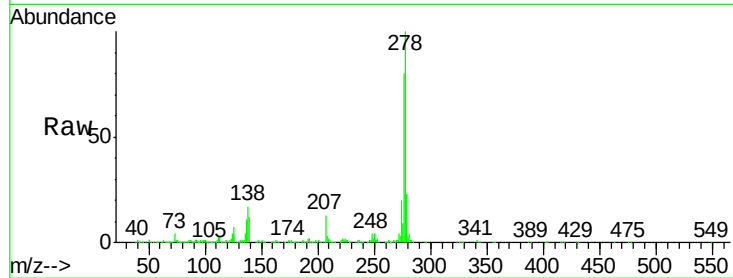
Tot Ion:278 Resp: 2411194

Ion Ratio Lower Upper

278 100

139 12.2 13.9 20.9#

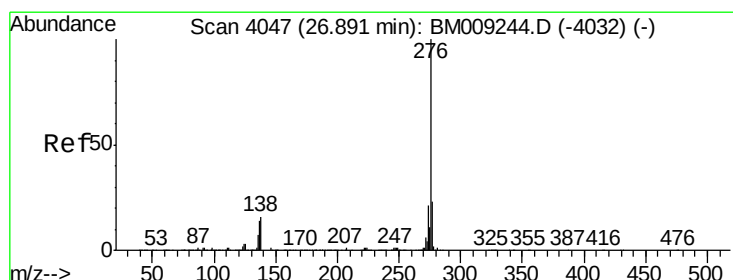
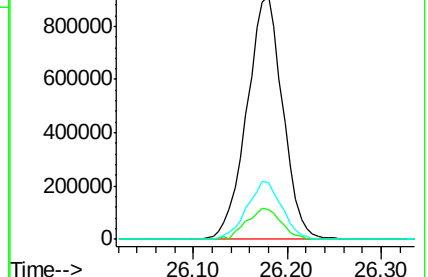
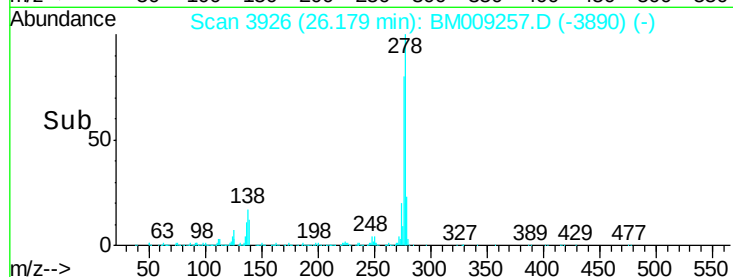
279 23.4 19.0 28.4



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



#93

Benzo(g,h,i)perylene

Concen: 19.55 ng/ul

RT: 26.90 min Scan# 4048

Delta R.T. 0.01 min

Lab File: BM009257.D

Acq: 14 Mar 2017 15:58

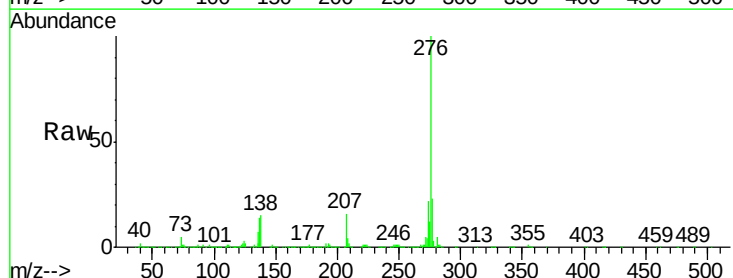
Tgt Ion:276 Resp: 2382810

Ion Ratio Lower Upper

276 100

138 15.4 18.9 28.3#

277 22.9 19.2 28.8



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

