

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101117\  
 Data File : BM012082.D  
 Acq On : 11 Oct 2017 23:22  
 Operator : SJ/JU  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Oct 12 01:24:30 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Oct 12 01:21:53 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.84  | 152  | 250238   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.65 | 136  | 994149   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.49 | 164  | 533810   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.23 | 188  | 1109935  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.41 | 240  | 1195463  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.73 | 264  | 1328197  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.26  | 96  | 43723   | 8.26  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.00  | 99  | 396180  | 18.40 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.17  | 67  | 247590  | 19.43 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.37  | 132 | 353433  | 20.46 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.55  | 113 | 327210  | 17.58 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.00  | 128 | 158499  | 22.39 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.73  | 143 | 183183  | 22.97 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.26 | 165 | 336027  | 20.85 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.78 | 131 | 402195  | 22.87 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.89 | 166 | 916595  | 19.81 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.18 | 160 | 1153382 | 21.22 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.69 | 143 | 130802  | 16.18 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.48 | 176 | 775680  | 19.00 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.61 | 200 | 103463  | 13.85 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.33 | 188 | 1127603 | 20.62 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.62 | 212 | 1202506 | 22.30 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.58 | 264 | 1305530 | 20.43 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |         | Ovalue |           |
|--------------------------------|-------|-----|---------|--------|-----------|
| 2) 1,4-Dioxane                 | 3.29  | 88  | 44474   | 8.273  | ng/uL# 74 |
| 4) Benzaldehyde                | 6.98  | 77  | 234674  | 21.874 | ng/ul 91  |
| 6) Phenol                      | 7.03  | 94  | 395328  | 18.556 | ng/ul# 84 |
| 8) Bis(2-Chloroethyl)ether     | 7.26  | 93  | 313171  | 19.577 | ng/ul 97  |
| 10) 2-Chlorophenol             | 7.40  | 128 | 339519  | 20.117 | ng/ul 97  |
| 11) 2-Methylphenol             | 8.28  | 108 | 296018  | 18.269 | ng/ul 95  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.37  | 45  | 392995  | 19.210 | ng/ul# 86 |
| 14) Acetophenone               | 8.67  | 105 | 485913  | 17.843 | ng/ul 89  |
| 15) N-Nitroso-di-n-propylamine | 8.65  | 70  | 251502  | 18.047 | ng/ul# 72 |
| 16) 4-Methylphenol             | 8.61  | 108 | 320574  | 17.676 | ng/ul 88  |
| 17) Hexachloroethane           | 8.92  | 117 | 144092  | 21.279 | ng/ul# 77 |
| 20) Nitrobenzene               | 9.05  | 77  | 379805  | 22.206 | ng/ul 92  |
| 21) Isophorone                 | 9.57  | 82  | 652466  | 20.457 | ng/ul# 93 |
| 23) 2-Nitrophenol              | 9.76  | 139 | 183600  | 21.907 | ng/ul# 77 |
| 24) 2,4-Dimethylphenol         | 9.82  | 107 | 366826  | 20.408 | ng/ul# 87 |
| 25) Bis(2-Chloroethoxy)methane | 10.05 | 93  | 401519  | 20.502 | ng/ul 95  |
| 27) 2,4-Dichlorophenol         | 10.29 | 162 | 321968  | 20.705 | ng/ul# 91 |
| 28) Naphthalene                | 10.69 | 128 | 1015191 | 20.357 | ng/ul 99  |
| 30) 4-Chloroaniline            | 10.81 | 127 | 381325  | 22.100 | ng/ul 94  |
| 31) Hexachlorobutadiene        | 10.97 | 225 | 246541  | 21.609 | ng/ul 95  |
| 32) Caprolactam                | 11.59 | 113 | 81030   | 15.893 | ng/ul# 49 |
| 33) 4-Chloro-3-methylphenol    | 11.93 | 107 | 314163  | 18.586 | ng/ul 96  |
| 34) 2-Methylnaphthalene        | 12.30 | 142 | 724111  | 19.042 | ng/ul 97  |

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101117\  
 Data File : BM012082.D  
 Acq On : 11 Oct 2017 23:22  
 Operator : SJ/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

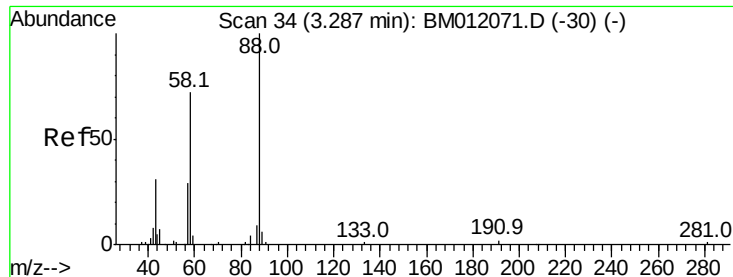
Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Oct 12 01:24:30 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Oct 12 01:21:53 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.67 | 216  | 403988   | 22.309 | ng/ul  | 97       |
| 37) Hexachlorocyclopentadiene  | 12.65 | 237  | 95139    | 9.027  | ng/ul  | 96       |
| 38) 2,4,6-Trichlorophenol      | 12.92 | 196  | 256810   | 22.328 | ng/ul  | 99       |
| 39) 2,4,5-Trichlorophenol      | 12.99 | 196  | 261286   | 21.584 | ng/ul  | 97       |
| 40) 1,1'-Biphenyl              | 13.32 | 154  | 918364   | 21.518 | ng/ul  | 99       |
| 41) 2-Chloronaphthalene        | 13.36 | 162  | 727866   | 21.795 | ng/ul  | 98       |
| 42) 2-Nitroaniline             | 13.57 | 65   | 183196   | 21.609 | ng/ul  | 89       |
| 44) Dimethylphthalate          | 13.94 | 163  | 877902   | 19.724 | ng/ul  | 99       |
| 45) 2,6-Dinitrotoluene         | 14.07 | 165  | 174481   | 20.792 | ng/ul# | 92       |
| 47) Acenaphthylene             | 14.21 | 152  | 1115909  | 21.169 | ng/ul  | 99       |
| 48) 3-Nitroaniline             | 14.40 | 138  | 155360   | 19.930 | ng/ul  | 88       |
| 49) Acenaphthene               | 14.55 | 153  | 740703   | 20.306 | ng/ul  | 98       |
| 50) 2,4-Dinitrophenol          | 14.62 | 184  | 51484    | 9.283  | ng/ul  | 94       |
| 52) 4-Nitrophenol              | 14.71 | 109  | 107298   | 16.610 | ng/ul  | 80       |
| 53) Dibenzofuran               | 14.89 | 168  | 1048690  | 19.809 | ng/ul  | 100      |
| 54) 2,4-Dinitrotoluene         | 14.86 | 165  | 239222   | 19.280 | ng/ul# | 85       |
| 55) 2,3,4,6-Tetrachlorophenol  | 15.12 | 232  | 221837   | 18.765 | ng/ul  | 90       |
| 56) Diethylphthalate           | 15.30 | 149  | 855604   | 18.939 | ng/ul  | 96       |
| 58) Fluorene                   | 15.53 | 166  | 844707   | 19.107 | ng/ul  | 99       |
| 59) 4-Chlorophenyl-phenylether | 15.53 | 204  | 439845   | 18.812 | ng/ul  | 96       |
| 60) 4-Nitroaniline             | 15.56 | 138  | 161637   | 17.800 | ng/ul  | 92       |
| 63) 4,6-Dinitro-2-methylphenol | 15.63 | 198  | 105672   | 13.849 | ng/ul  | 92       |
| 64) N-Nitrosodiphenylamine     | 15.74 | 169  | 708193   | 22.087 | ng/ul  | 99       |
| 65) 4-Bromophenyl-phenylether  | 16.42 | 248  | 264498   | 21.274 | ng/ul  | 95       |
| 66) Hexachlorobenzene          | 16.54 | 284  | 290878   | 20.926 | ng/ul# | 89       |
| 67) Atrazine                   | 16.69 | 200  | 259172   | 20.417 | ng/ul  | 96       |
| 68) Pentachlorophenol          | 16.89 | 266  | 162463   | 18.579 | ng/ul  | 97       |
| 69) Phenanthrene               | 17.27 | 178  | 1221068  | 20.000 | ng/ul  | 99       |
| 71) Anthracene                 | 17.37 | 178  | 1269339  | 20.433 | ng/ul  | 99       |
| 72) Carbazole                  | 17.64 | 167  | 1046676  | 19.451 | ng/ul  | 99       |
| 73) Di-n-butylphthalate        | 18.19 | 149  | 1361866  | 21.121 | ng/ul  | 98       |
| 74) Fluoranthene               | 19.29 | 202  | 1432545  | 19.231 | ng/ul# | 91       |
| 77) Pyrene                     | 19.65 | 202  | 1489124  | 22.465 | ng/ul# | 88       |
| 78) Butylbenzylphthalate       | 20.54 | 149  | 627926   | 24.183 | ng/ul  | 90       |
| 79) 3,3'-Dichlorobenzidine     | 21.33 | 252  | 466247   | 20.950 | ng/ul# | 94       |
| 80) Benzo(a)anthracene         | 21.39 | 228  | 1478797  | 21.593 | ng/ul  | 99       |
| 81) Bis(2-ethylhexyl)phthalate | 21.30 | 149  | 924844   | 23.942 | ng/ul# | 97       |
| 82) Chrysene                   | 21.44 | 228  | 1357042  | 20.855 | ng/ul  | 99       |
| 84) Di-n-octyl phthalate       | 22.20 | 149  | 1631238  | 21.022 | ng/ul  | 97       |
| 85) Benzo(b)fluoranthene       | 23.03 | 252  | 1560716  | 19.332 | ng/ul# | 97       |
| 86) Benzo(k)fluoranthene       | 23.07 | 252  | 1622089  | 20.125 | ng/ul# | 97       |
| 88) Benzo(a)pyrene             | 23.63 | 252  | 1576736  | 20.325 | ng/ul# | 97       |
| 89) Indeno(1,2,3-cd)pyrene     | 26.09 | 276  | 1920100  | 23.130 | ng/ul# | 92       |
| 90) Dibenzo(a,h)anthracene     | 26.10 | 278  | 1586332  | 23.256 | ng/ul# | 95       |
| 91) Benzo(g,h,i)perylene       | 26.82 | 276  | 1610189  | 23.449 | ng/ul# | 94       |

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





#2

1,4-Dioxane

Concen: 8.273 ng/uL

RT: 3.29 min Scan# 35

Delta R.T. 0.01 min

Lab File: BM012082.D

Acq: 11 Oct 2017 23:22

Instrument :

BNA\_M

ClientSampleId :

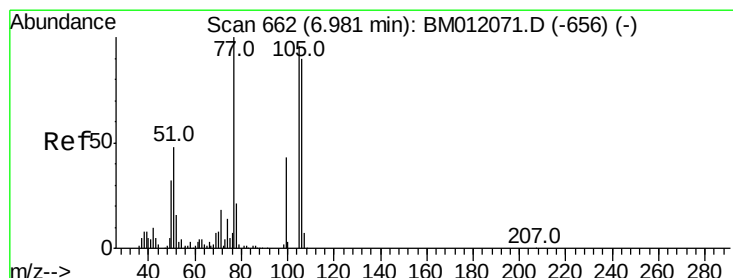
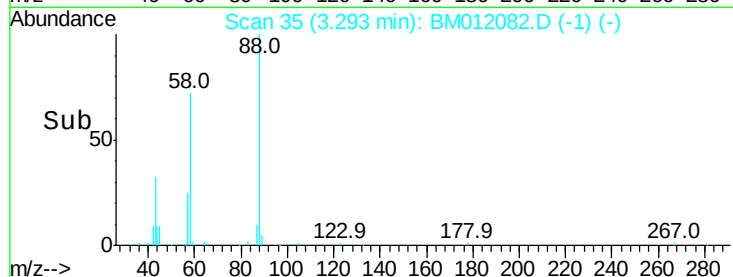
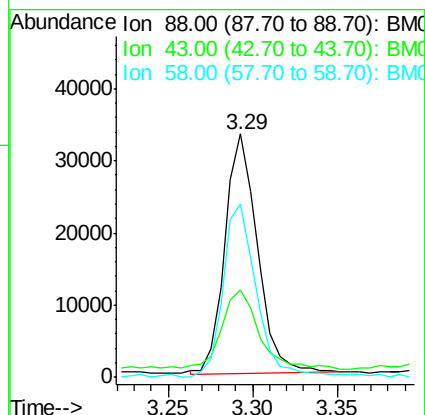
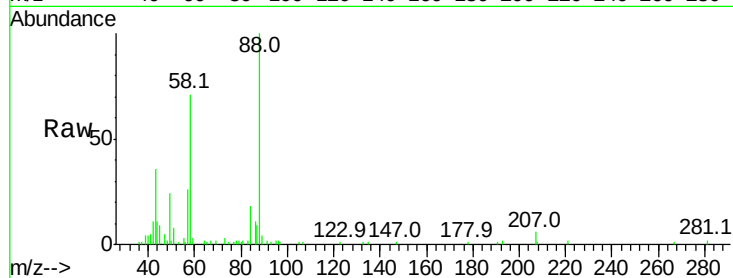
Tot Ion: 88 Resp: 44474

Ion Ratio Lower Upper

88 100

43 37.8 48.0 72.0#

58 75.3 80.0 120.0#



#4

Benzaldehyde

Concen: 21.874 ng/uL

RT: 6.98 min Scan# 662

Delta R.T. 0.00 min

Lab File: BM012082.D

Acq: 11 Oct 2017 23:22

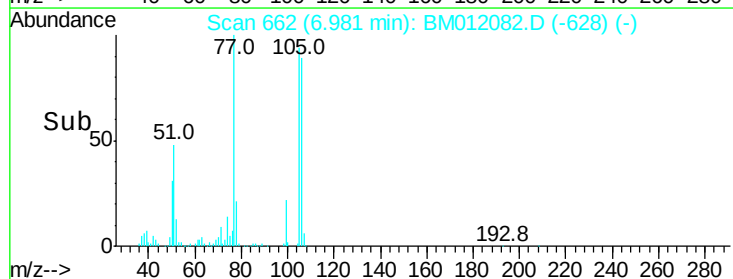
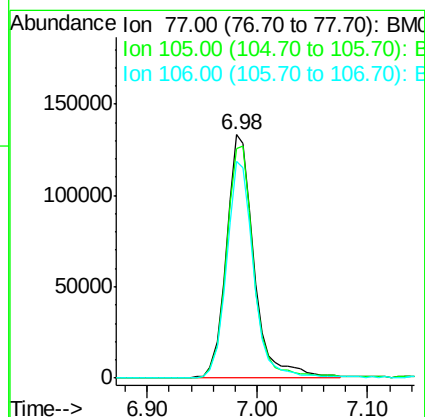
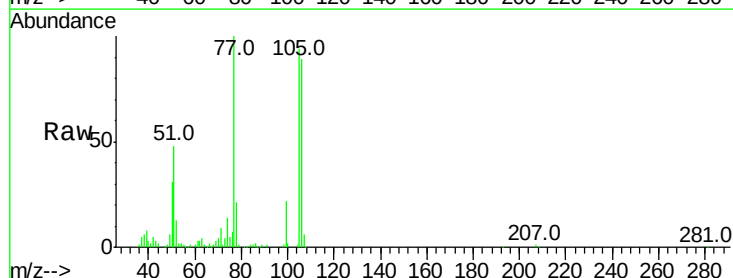
Tgt Ion: 77 Resp: 234674

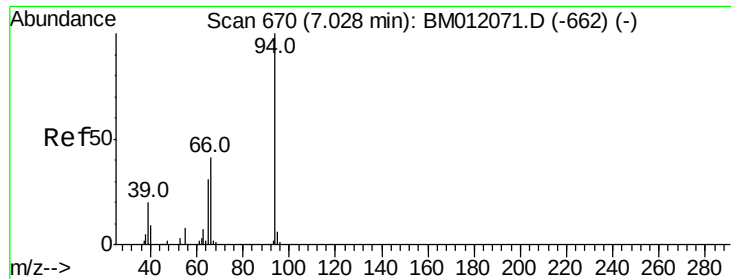
Ion Ratio Lower Upper

77 100

105 94.4 66.1 99.1

106 88.8 67.8 101.6





#6

Phenol

Concen: 18.556 ng/ul

RT: 7.03 min Scan# 670

Delta R.T. 0.00 min

Lab File: BM012082.D

Acq: 11 Oct 2017 23:22

Instrument :

BNA\_M

ClientSampleId :

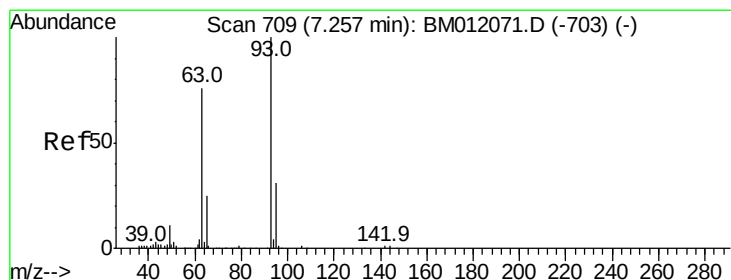
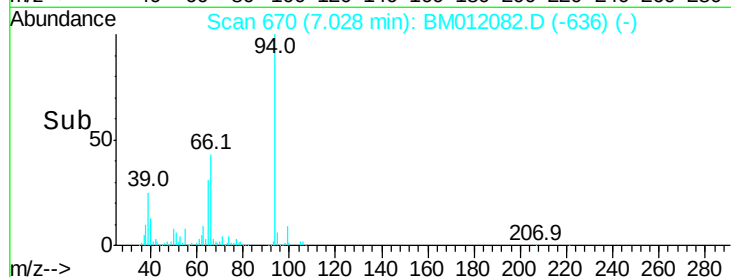
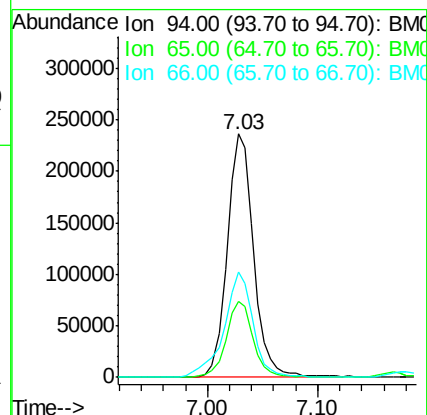
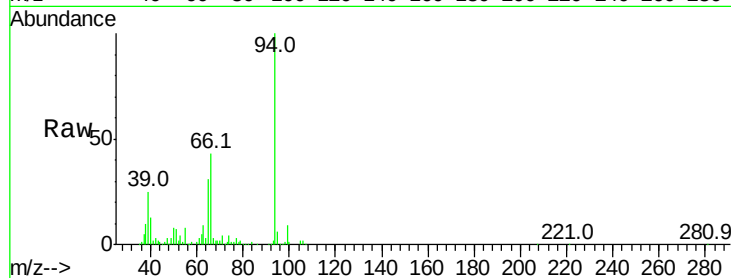
Tot Ion: 94 Resp: 395328

Ion Ratio Lower Upper

94 100

65 31.2 28.2 42.4

66 43.2 47.2 70.8#



#8

Bis(2-Chloroethyl)ether

Concen: 19.577 ng/ul

RT: 7.26 min Scan# 710

Delta R.T. 0.01 min

Lab File: BM012082.D

Acq: 11 Oct 2017 23:22

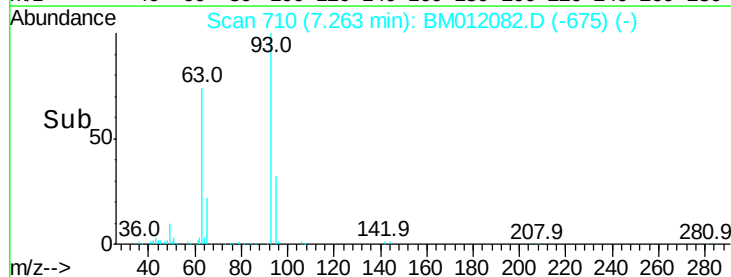
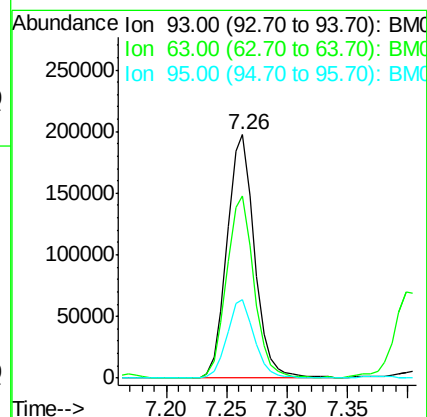
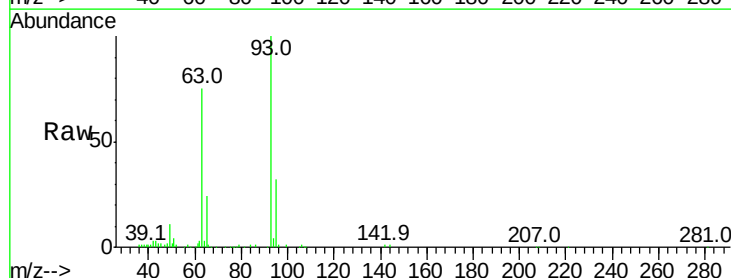
Tgt Ion: 93 Resp: 313171

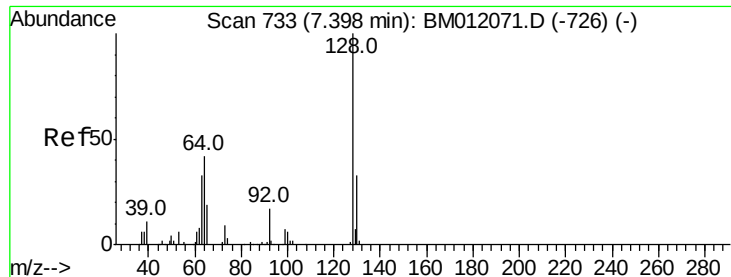
Ion Ratio Lower Upper

93 100

63 75.0 57.3 85.9

95 32.1 26.6 39.8

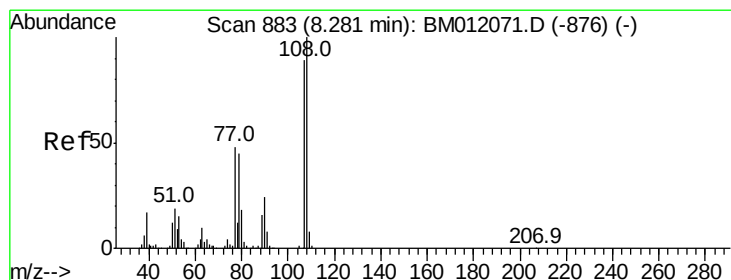
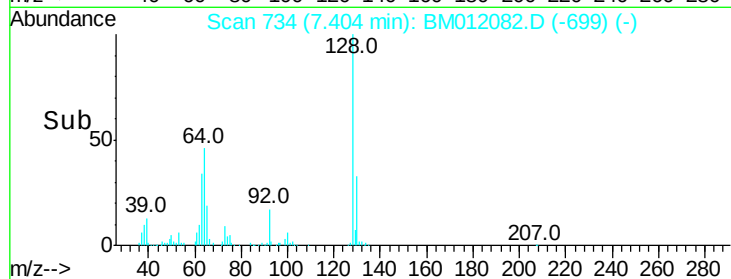
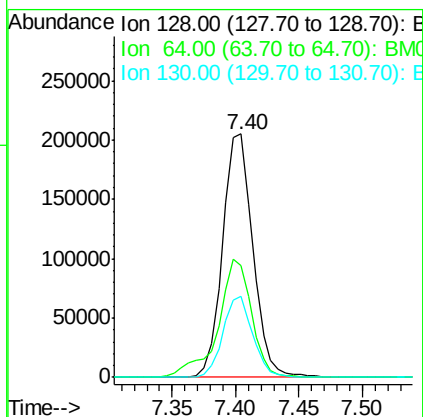
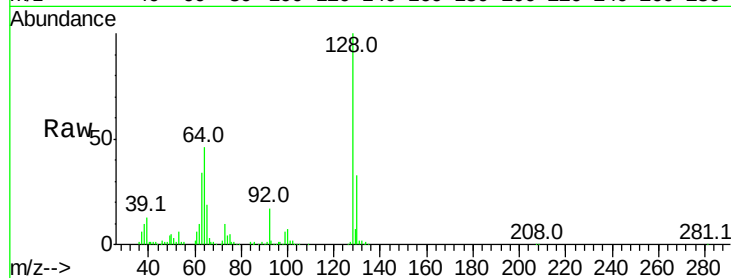




#10  
2-Chlorophenol  
Concen: 20.117 ng/ul  
RT: 7.40 min Scan# 734  
Delta R.T. 0.01 min  
Lab File: BM012082.D  
Acq: 11 Oct 2017 23:22

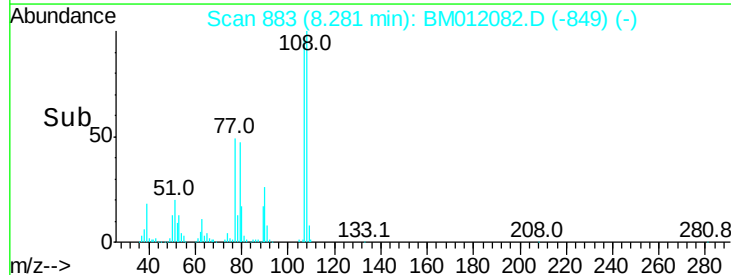
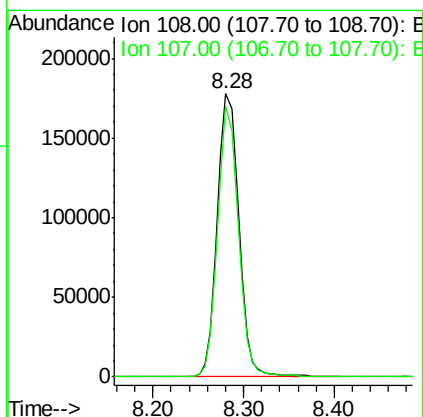
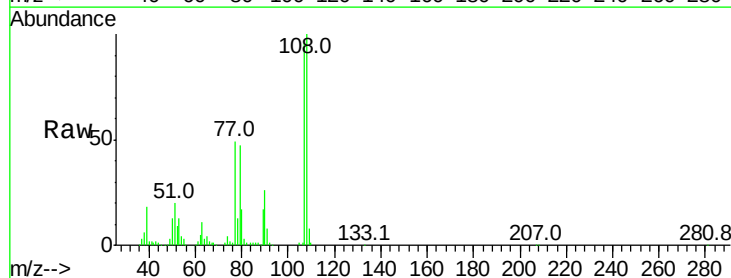
Instrument :  
BNA\_M  
ClientSampleId :

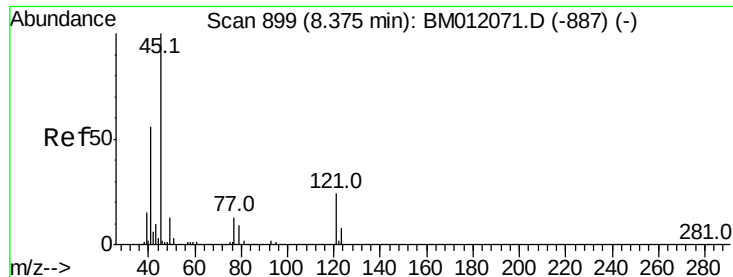
Tot Ion:128 Resp: 339519  
Ion Ratio Lower Upper  
128 100  
64 45.7 38.0 57.0  
130 33.1 24.4 36.6



#11  
2-Methylphenol  
Concen: 18.269 ng/ul  
RT: 8.28 min Scan# 883  
Delta R.T. 0.00 min  
Lab File: BM012082.D  
Acq: 11 Oct 2017 23:22

Tgt Ion:108 Resp: 296018  
Ion Ratio Lower Upper  
108 100  
107 95.6 72.6 108.8

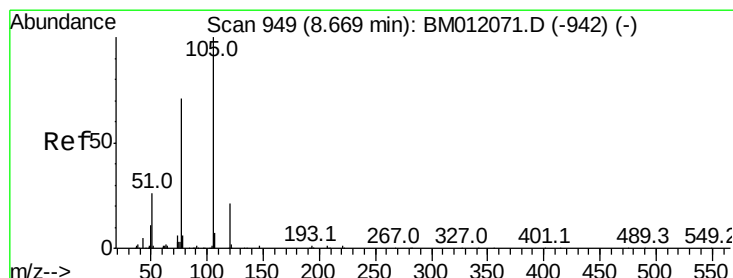
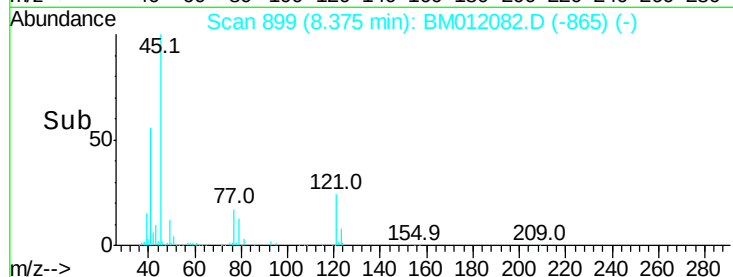
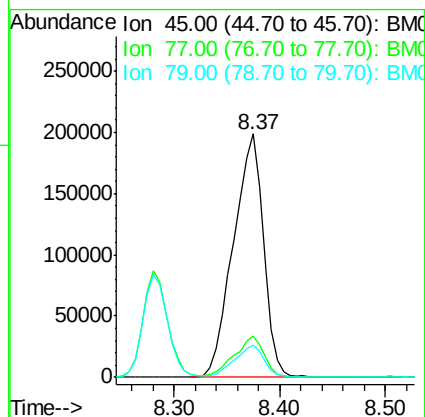
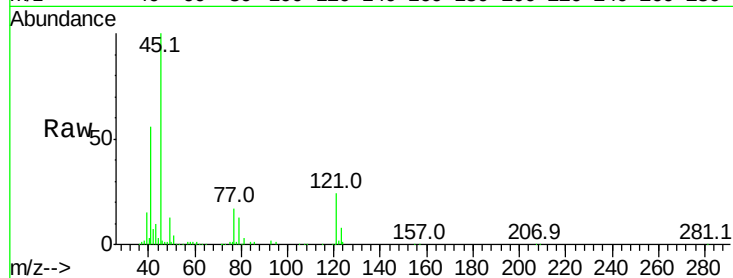




#12  
2,2'-oxybis(1-Chloropropane)  
Concen: 19.210 ng/ul  
RT: 8.37 min Scan# 899  
Delta R.T. 0.00 min  
Lab File: BM012082.D  
Acq: 11 Oct 2017 23:22

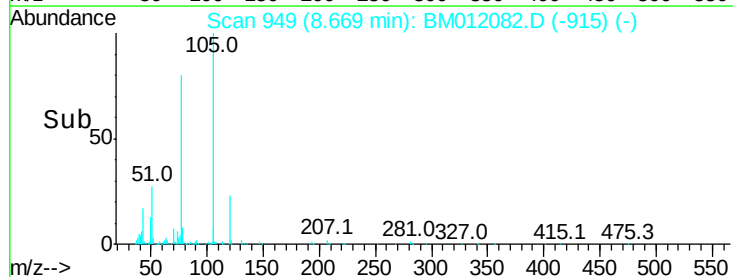
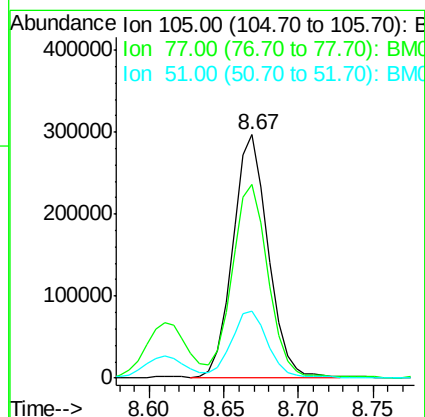
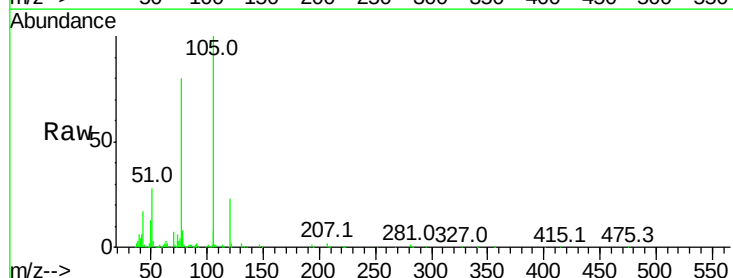
Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 16.7  | 8.0   | 12.0# |
| 79      | 13.3  | 8.0   | 12.0# |

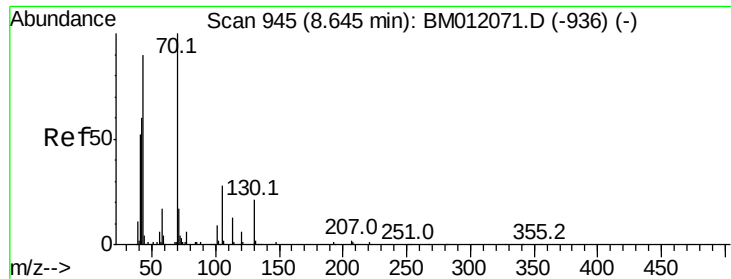


#14  
Acetophenone  
Concen: 17.843 ng/ul  
RT: 8.67 min Scan# 949  
Delta R.T. 0.00 min  
Lab File: BM012082.D  
Acq: 11 Oct 2017 23:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 77      | 79.7  | 74.2  | 111.4 |
| 51      | 27.7  | 23.4  | 35.2  |







#15

N-Nitroso-di-n-propylamine

Concen: 18.047 ng/ul

RT: 8.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BM012082.D

Acq: 11 Oct 2017 23:22

Instrument :

BNA\_M

ClientSampleId :

Tot Ion: 70 Resp: 251502

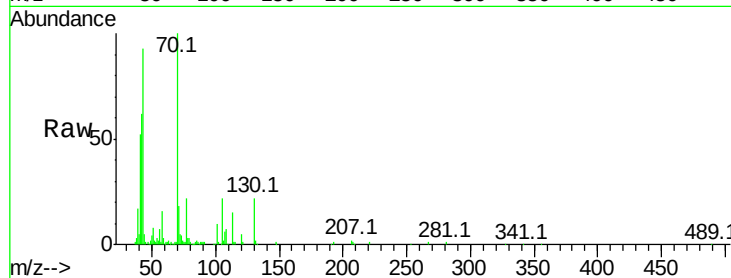
Ion Ratio Lower Upper

70 100

42 61.7 76.0 114.0#

101 10.1 6.7 10.1

130 21.8 14.6 22.0

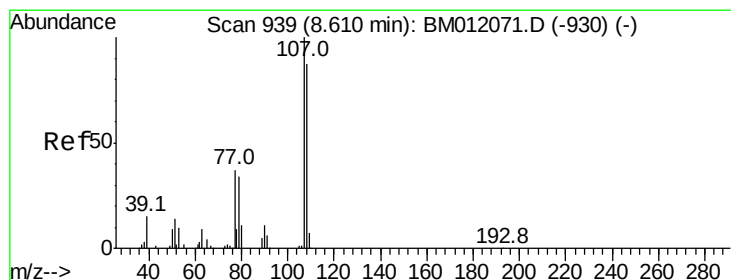
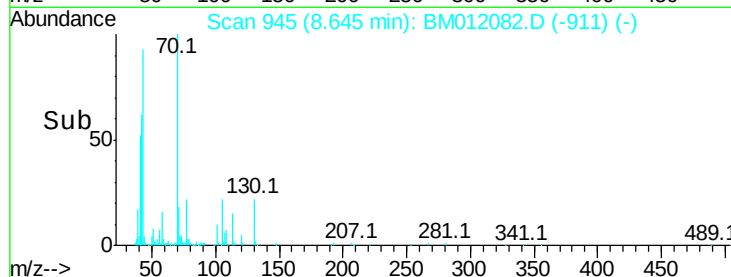
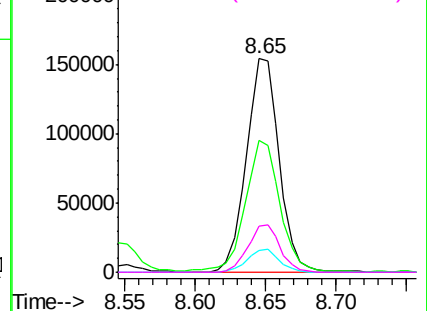


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 17.676 ng/ul

RT: 8.61 min Scan# 939

Delta R.T. 0.00 min

Lab File: BM012082.D

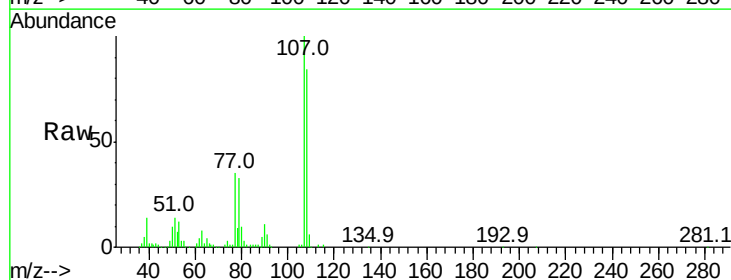
Acq: 11 Oct 2017 23:22

Tgt Ion: 108 Resp: 320574

Ion Ratio Lower Upper

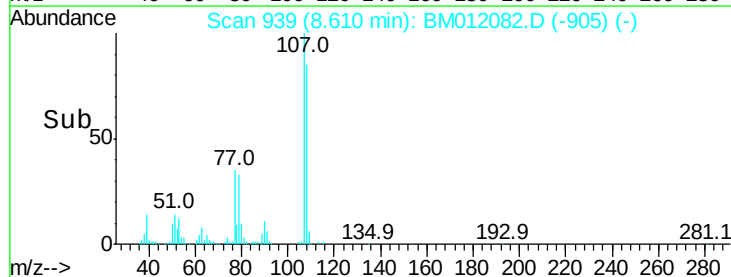
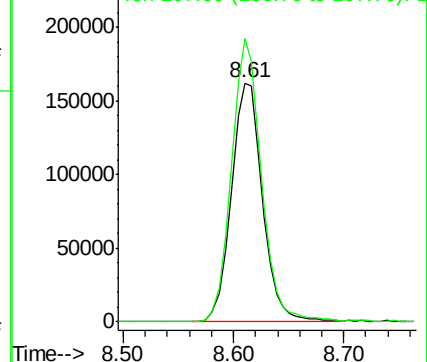
108 100

107 118.4 84.9 127.3

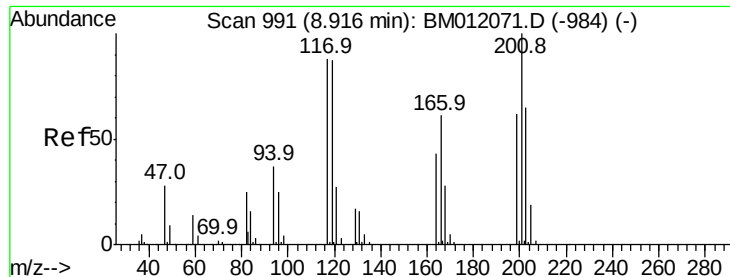


Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E







#17

Hexachloroethane

Concen: 21.279 ng/ul

RT: 8.92 min Scan# 991

Delta R.T. 0.00 min

Lab File: BM012082.D

Acq: 11 Oct 2017 23:22

Instrument :

BNA\_M

ClientSampleId :

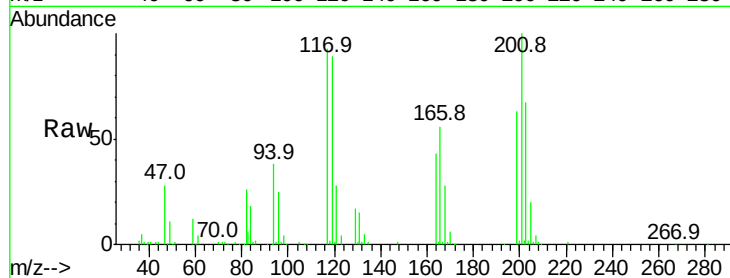
Tot Ion:117 Resp: 144092

Ion Ratio Lower Upper

117 100

201 107.9 111.6 167.4#

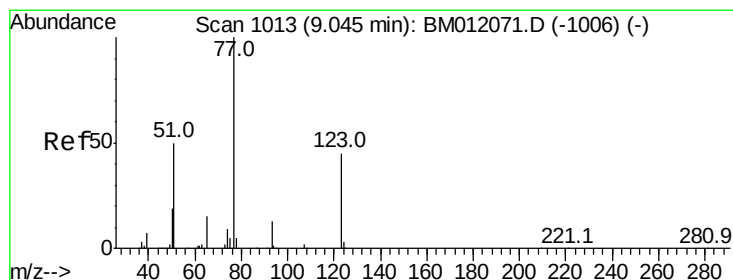
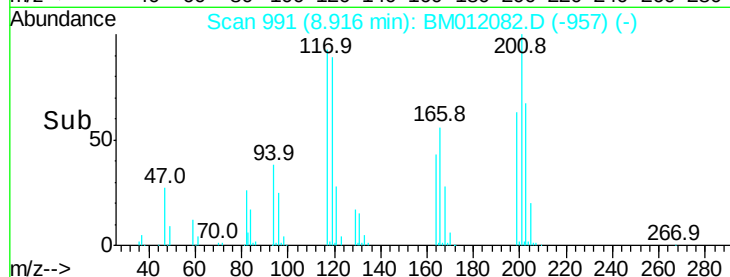
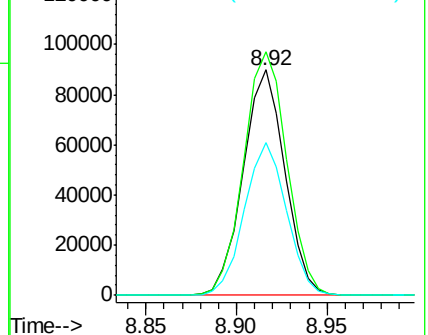
199 67.5 67.8 101.6#



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: 22.206 ng/ul

RT: 9.05 min Scan# 1014

Delta R.T. 0.01 min

Lab File: BM012082.D

Acq: 11 Oct 2017 23:22

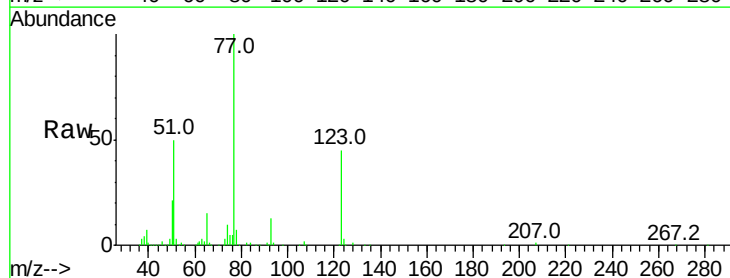
Tgt Ion: 77 Resp: 379805

Ion Ratio Lower Upper

77 100

123 45.5 31.0 46.6

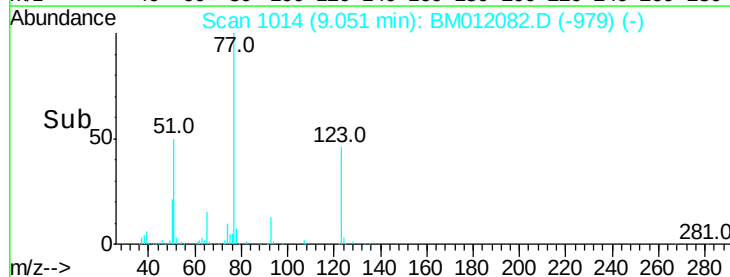
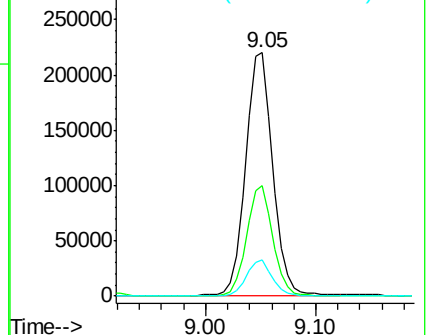
65 14.8 12.2 18.2

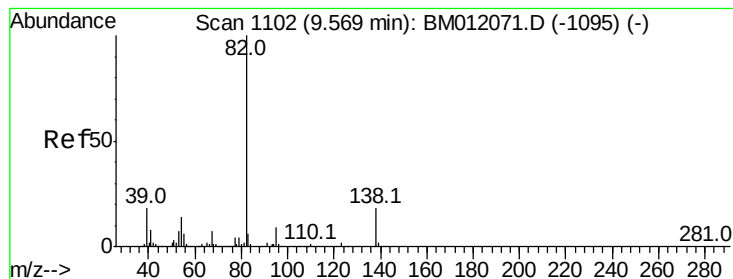


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 20.457 ng/ul

RT: 9.57 min Scan# 1103

Delta R.T. 0.01 min

Lab File: BM012082.D

Acq: 11 Oct 2017 23:22

Instrument :

BNA\_M

ClientSampleId :

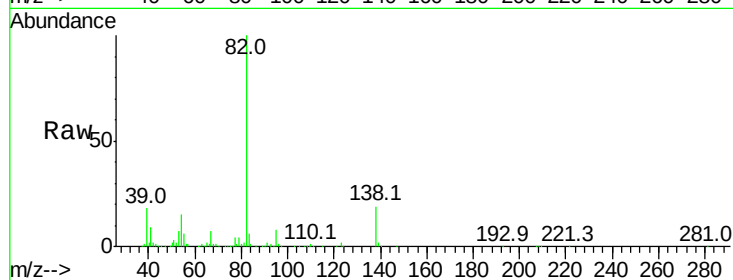
Tot Ion: 82 Resp: 652466

Ion Ratio Lower Upper

82 100

95 8.0 7.8 11.8

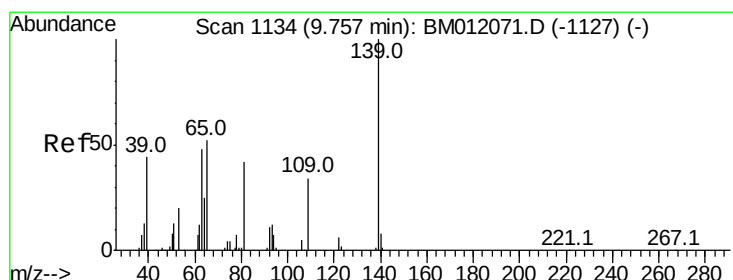
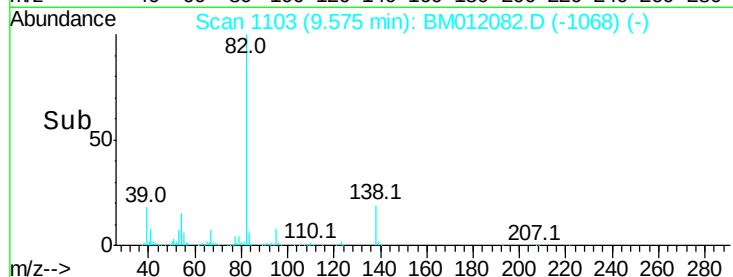
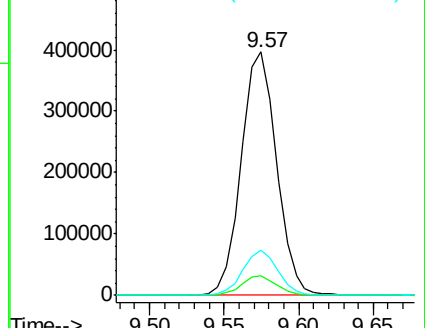
138 18.5 11.9 17.9#



Abundance Ion 82.00 (81.70 to 82.70): BM012071.D (-1095) (-)

Ion 95.00 (94.70 to 95.70): BM012071.D (-1095) (-)

Ion 138.00 (137.70 to 138.70): BM012071.D (-1095) (-)



#23

2-Nitrophenol

Concen: 21.907 ng/ul

RT: 9.76 min Scan# 1134

Delta R.T. 0.00 min

Lab File: BM012082.D

Acq: 11 Oct 2017 23:22

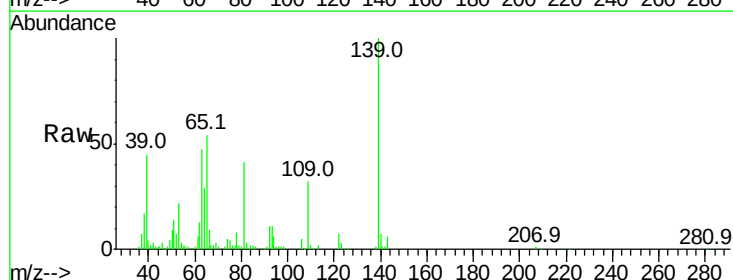
Tgt Ion: 139 Resp: 183600

Ion Ratio Lower Upper

139 100

65 53.9 55.4 83.0#

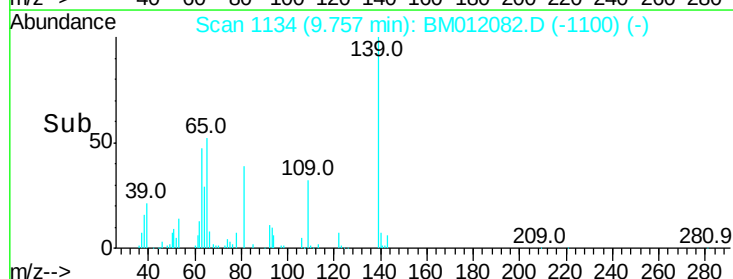
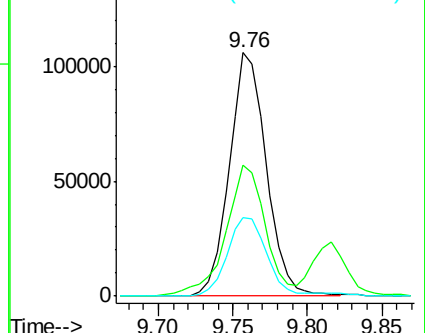
109 32.4 42.2 63.2#

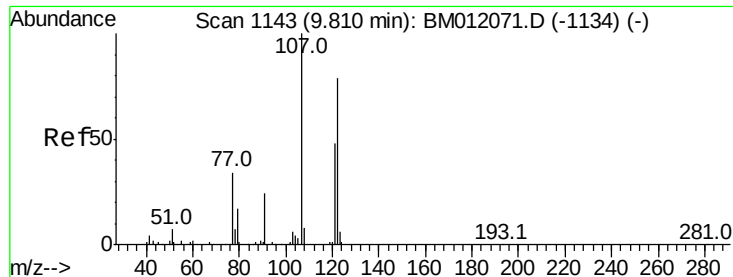


Abundance Ion 139.00 (138.70 to 139.70): BM012071.D (-1127) (-)

Ion 65.00 (64.70 to 65.70): BM012071.D (-1127) (-)

Ion 109.00 (108.70 to 109.70): BM012071.D (-1127) (-)





#24

2,4-Dimethylphenol

Concen: 20.408 ng/ul

RT: 9.82 min Scan# 1144

Delta R.T. 0.01 min

Lab File: BM012082.D

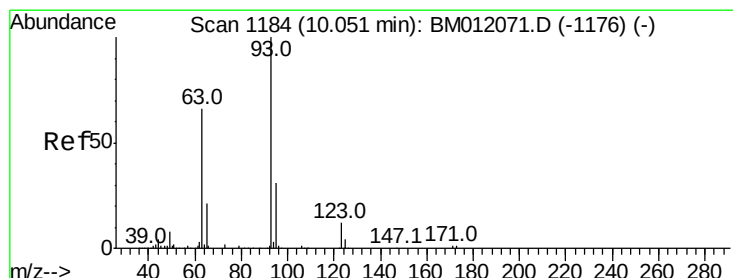
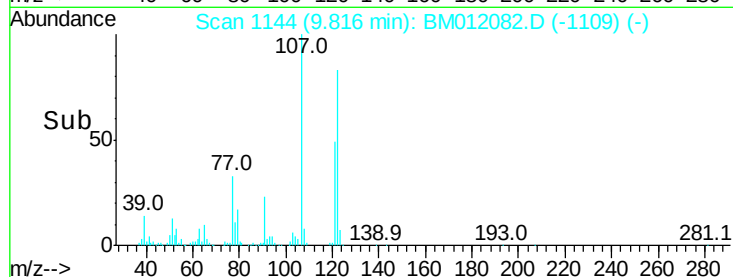
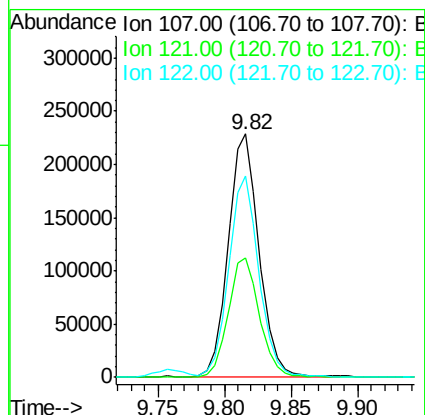
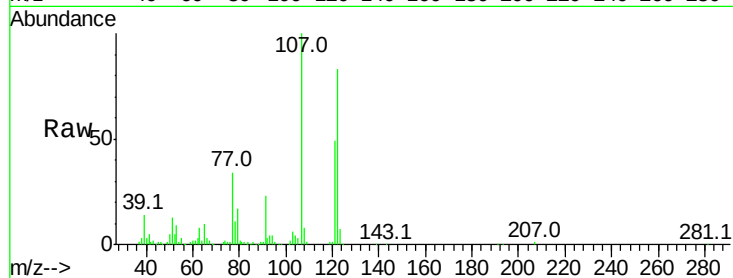
Acq: 11 Oct 2017 23:22

Instrument :

BNA\_M

ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 366826 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 121      | 49.0  | 31.9  | 47.9#  |
| 122      | 82.5  | 57.8  | 86.6   |



#25

Bis(2-Chloroethoxy)methane

Concen: 20.502 ng/ul

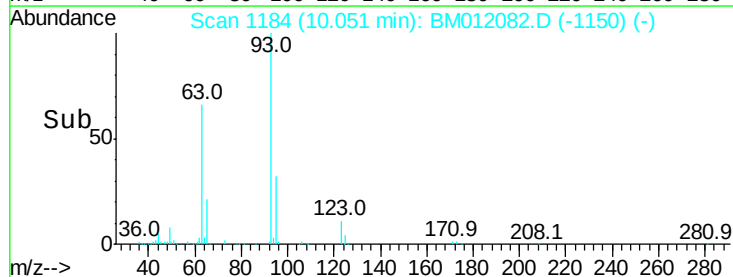
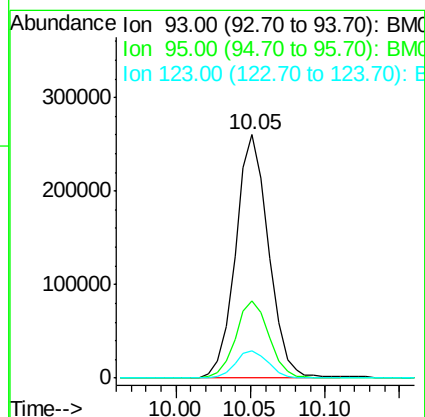
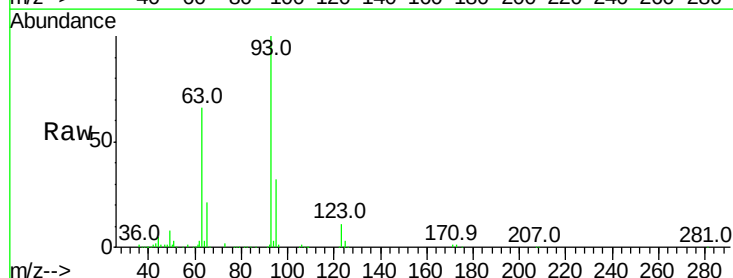
RT: 10.05 min Scan# 1184

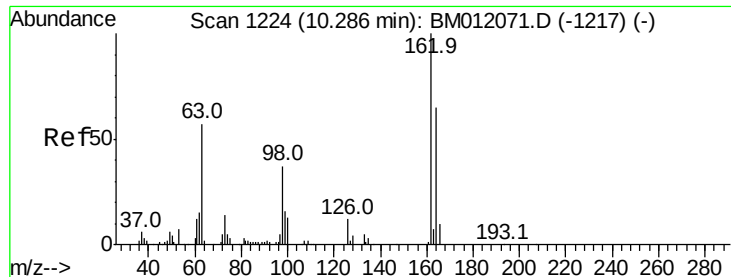
Delta R.T. 0.00 min

Lab File: BM012082.D

Acq: 11 Oct 2017 23:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 401519 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 95       | 31.9  | 28.5  | 42.7   |
| 123      | 11.4  | 8.9   | 13.3   |

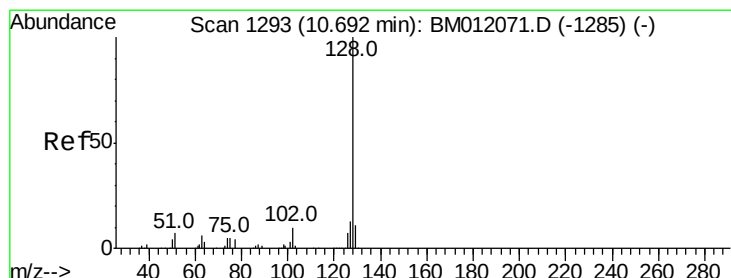
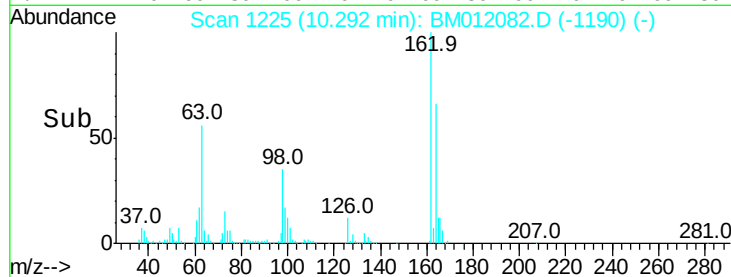
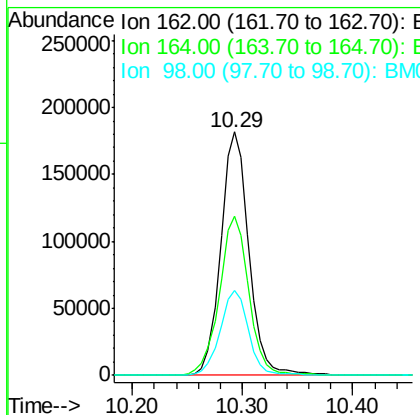
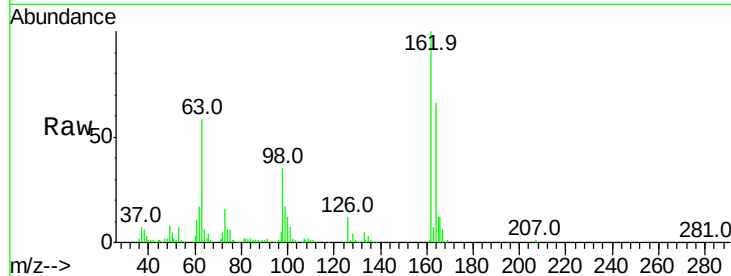




#27  
 2,4-Dichlorophenol  
 Concen: 20.705 ng/ul  
 RT: 10.29 min Scan# 1225  
 Delta R.T. 0.01 min  
 Lab File: BM012082.D  
 Acq: 11 Oct 2017 23:22

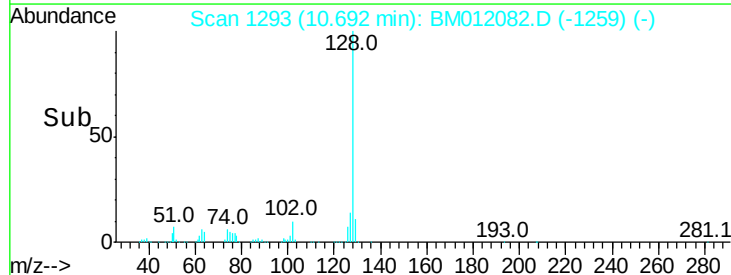
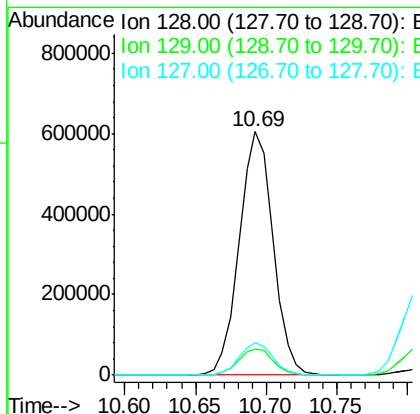
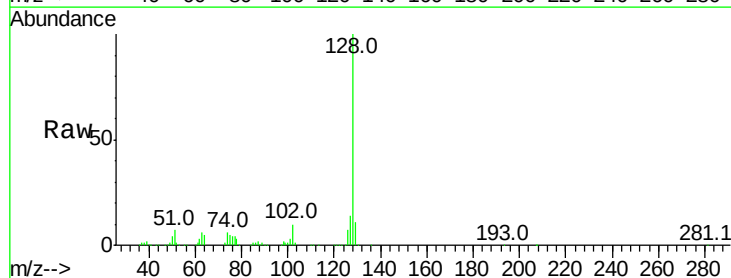
Instrument :  
 BNA\_M  
 ClientSampled :

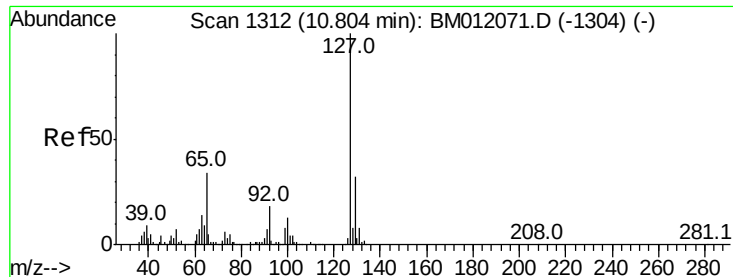
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.5  | 47.8  | 71.6  |
| 98      | 35.1  | 23.0  | 34.4  |



#28  
 Naphthalene  
 Concen: 20.357 ng/ul  
 RT: 10.69 min Scan# 1293  
 Delta R.T. 0.00 min  
 Lab File: BM012082.D  
 Acq: 11 Oct 2017 23:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.8  | 8.8   | 13.2  |
| 127     | 13.5  | 10.6  | 16.0  |

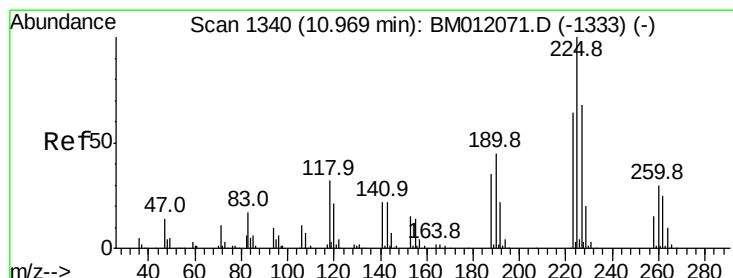
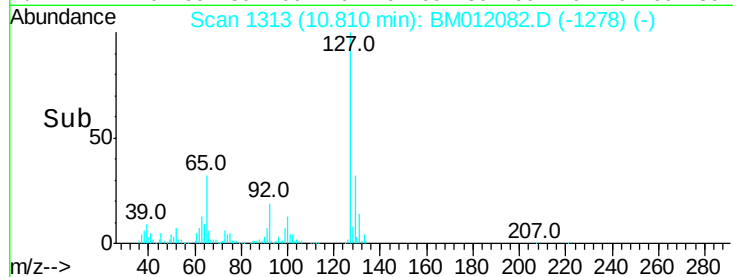
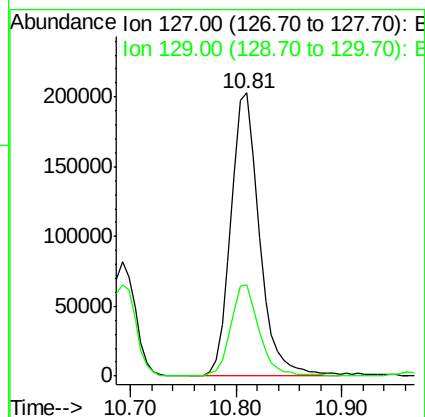
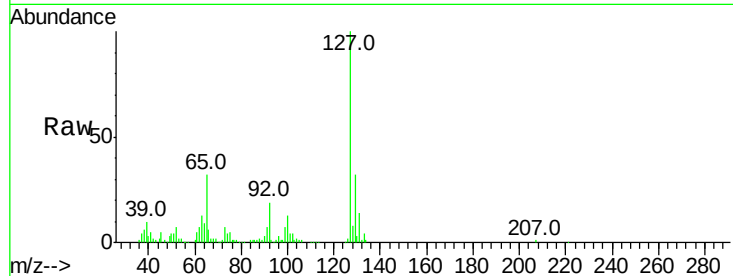




#30  
4-Chloroaniline  
Concen: 22.100 ng/ul  
RT: 10.81 min Scan# 1313  
Delta R.T. 0.01 min  
Lab File: BM012082.D  
Acq: 11 Oct 2017 23:22

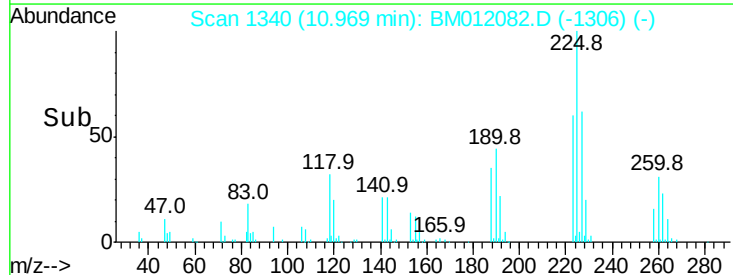
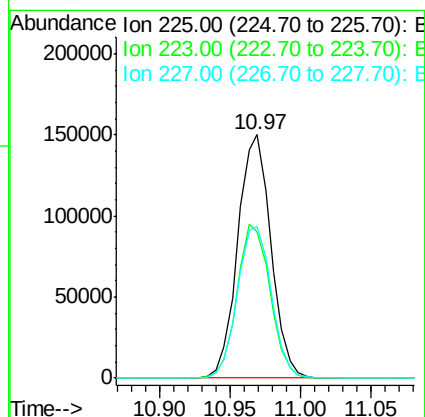
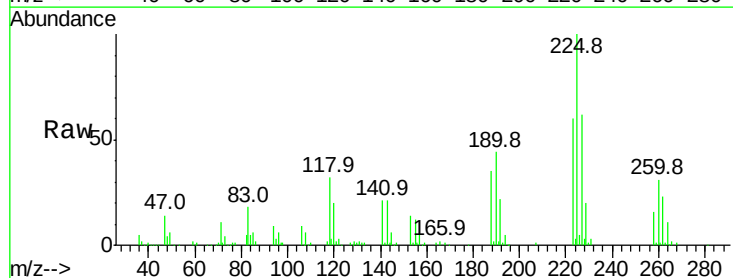
Instrument :  
BNA\_M  
ClientSampleId :

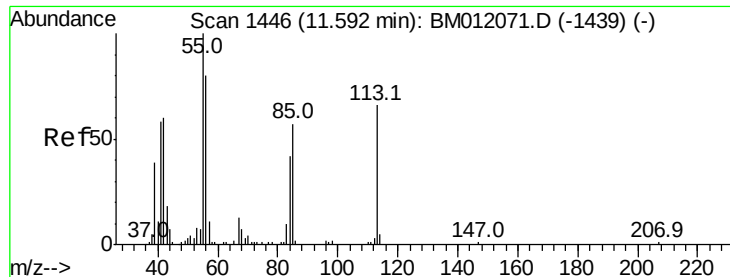
Tot Ion:127 Resp: 381325  
Ion Ratio Lower Upper  
127 100  
129 32.2 28.4 42.6



#31  
Hexachlorobutadiene  
Concen: 21.609 ng/ul  
RT: 10.97 min Scan# 1340  
Delta R.T. 0.00 min  
Lab File: BM012082.D  
Acq: 11 Oct 2017 23:22

Tgt Ion:225 Resp: 246541  
Ion Ratio Lower Upper  
225 100  
223 60.0 49.4 74.2  
227 62.4 45.4 68.2





#32

Caprolactam

Concen: 15.893 ng/ul

RT: 11.59 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BM012082.D

Acq: 11 Oct 2017 23:22

Instrument :

BNA\_M

ClientSampleId :

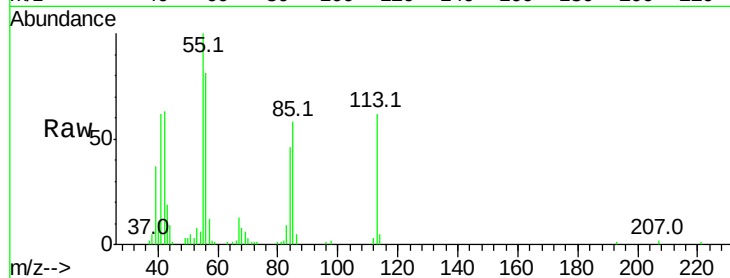
Tot Ion:113 Resp: 81030

Ion Ratio Lower Upper

113 100

55 161.3 208.0 312.0#

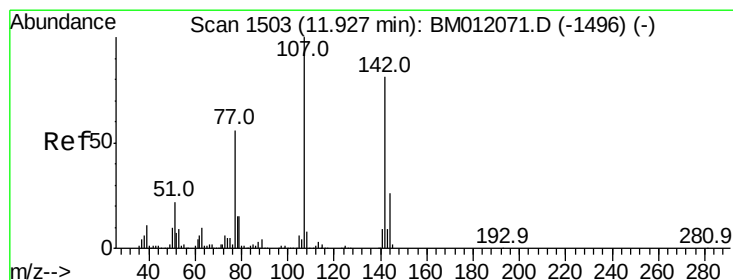
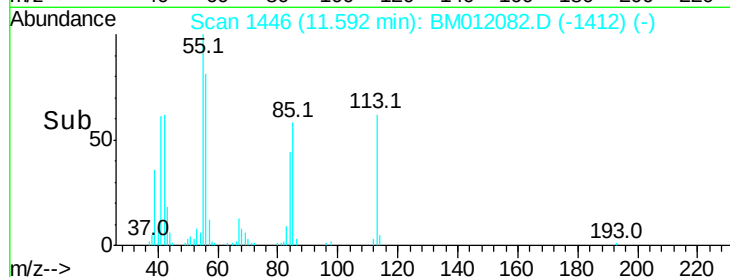
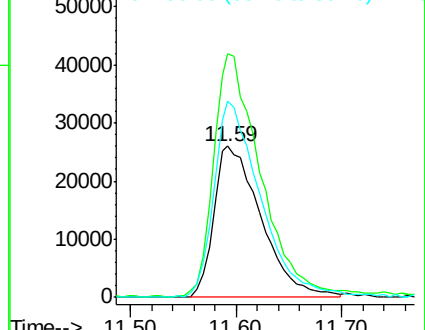
56 130.2 160.0 240.0#



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: 18.586 ng/ul

RT: 11.93 min Scan# 1504

Delta R.T. 0.01 min

Lab File: BM012082.D

Acq: 11 Oct 2017 23:22

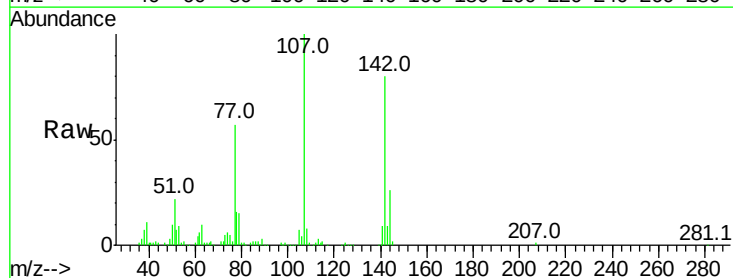
Tgt Ion:107 Resp: 314163

Ion Ratio Lower Upper

107 100

144 26.3 20.4 30.6

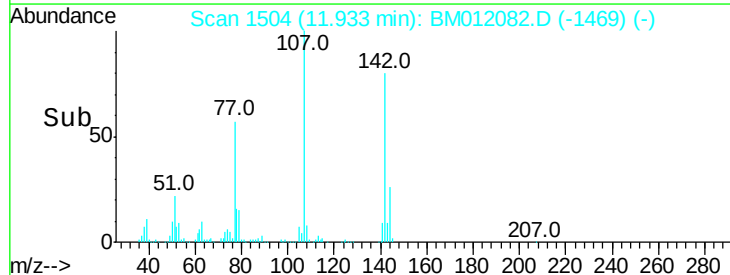
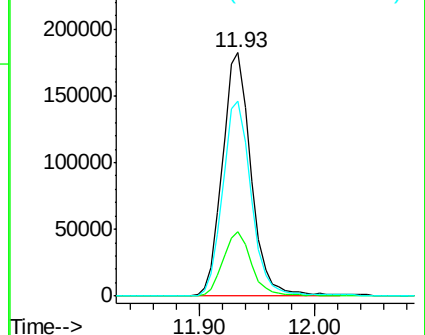
142 80.1 60.5 90.7

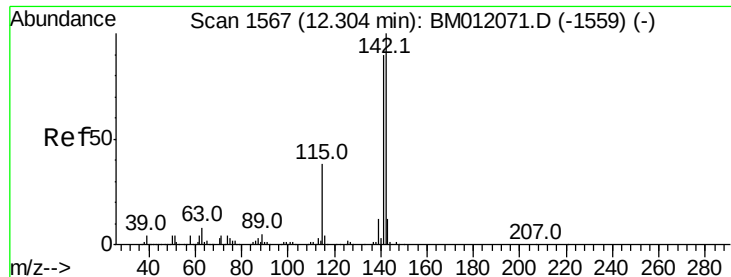


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 19.042 ng/ul

RT: 12.30 min Scan# 1567

Delta R.T. 0.00 min

Lab File: BM012082.D

Acq: 11 Oct 2017 23:22

Instrument :

BNA\_M

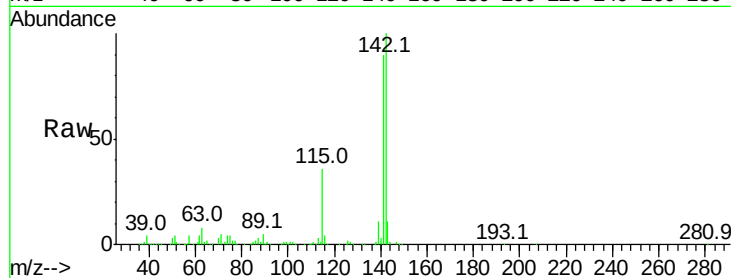
ClientSampled :

Tot Ion:142 Resp: 724111

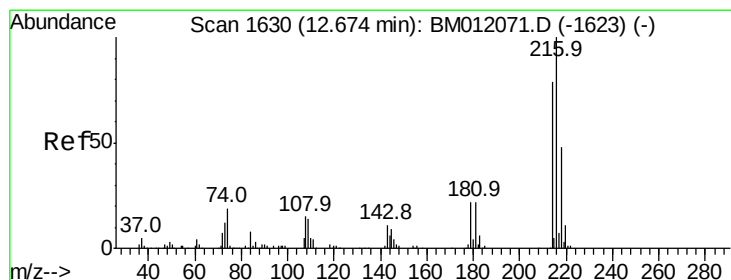
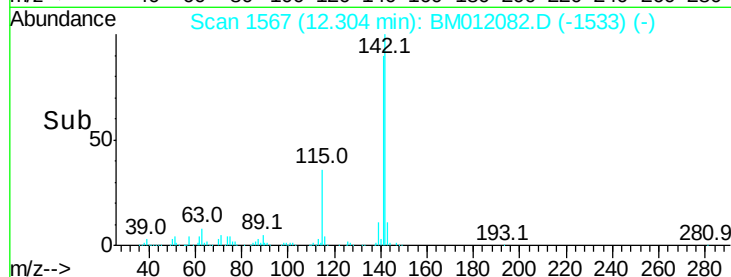
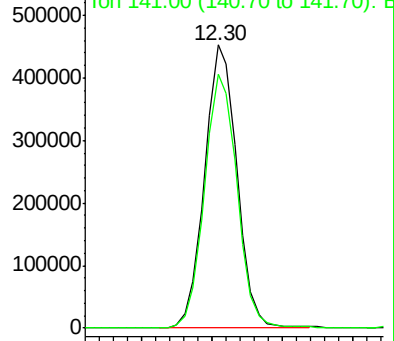
Ion Ratio Lower Upper

142 100

141 89.8 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E



#36

1,2,4,5-Tetrachlorobenzene

Concen: 22.309 ng/ul

RT: 12.67 min Scan# 1630

Delta R.T. 0.00 min

Lab File: BM012082.D

Acq: 11 Oct 2017 23:22

Tgt Ion:216 Resp: 403988

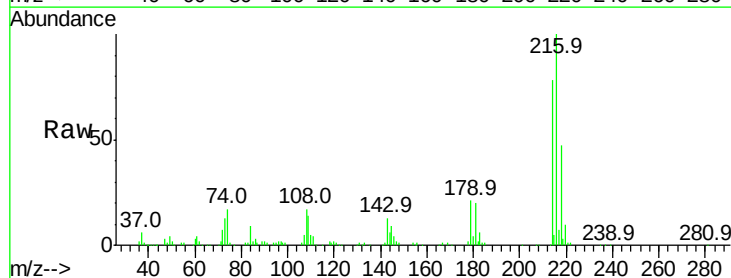
Ion Ratio Lower Upper

216 100

214 77.8 60.6 90.8

179 21.5 17.5 26.3

108 16.8 11.3 16.9

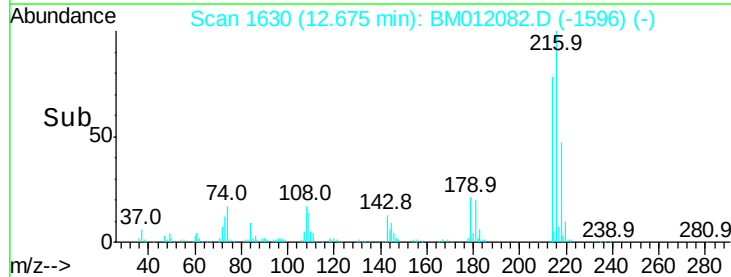
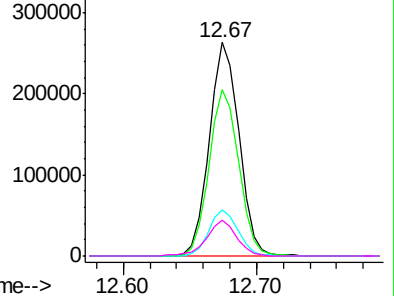


Abundance Ion 216.00 (215.70 to 216.70): E

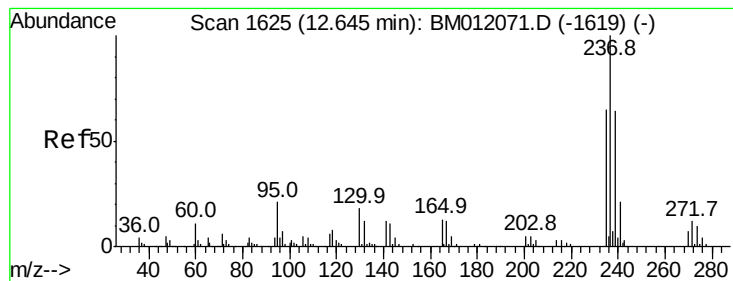
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#37

Hexachlorocyclopentadiene

Concen: 9.027 ng/ul

RT: 12.65 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BM012082.D

Acq: 11 Oct 2017 23:22

Instrument :

BNA\_M

ClientSampleId :

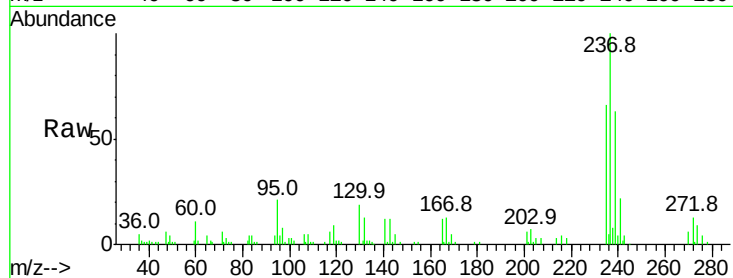
Tot Ion:237 Resp: 95139

Ion Ratio Lower Upper

237 100

235 65.8 50.2 75.4

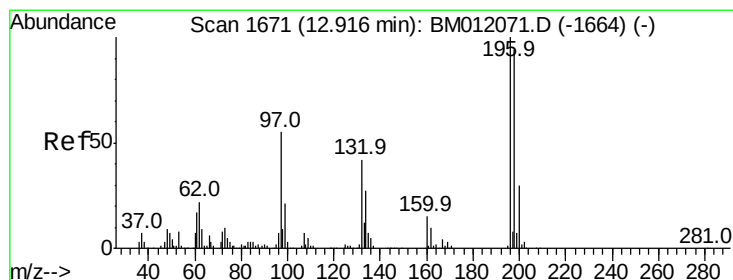
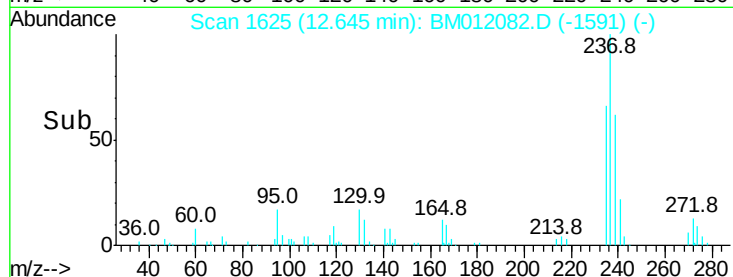
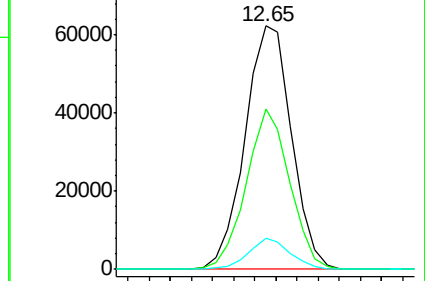
272 12.7 11.0 16.6



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: 22.328 ng/ul

RT: 12.92 min Scan# 1671

Delta R.T. 0.00 min

Lab File: BM012082.D

Acq: 11 Oct 2017 23:22

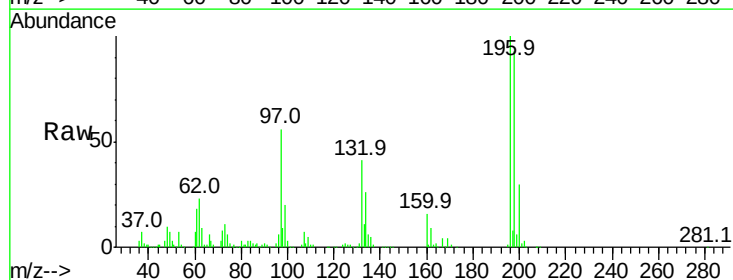
Tgt Ion:196 Resp: 256810

Ion Ratio Lower Upper

196 100

198 92.7 74.1 111.1

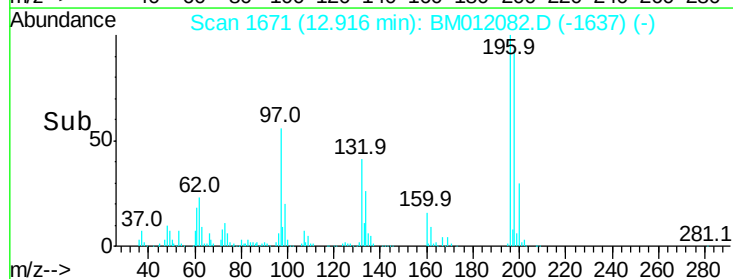
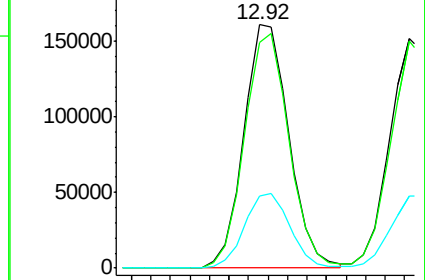
200 29.5 25.2 37.8

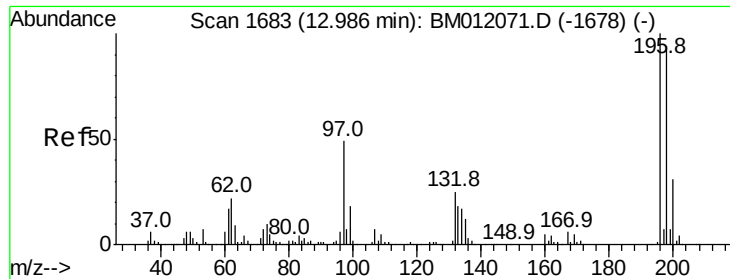


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

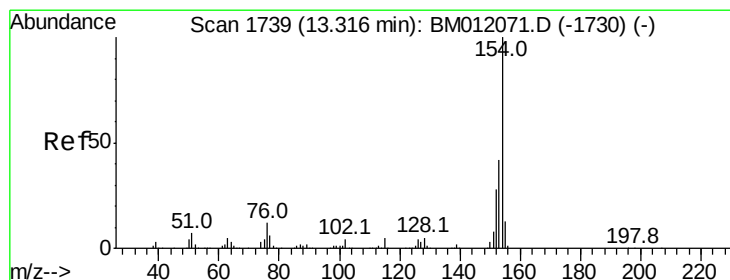
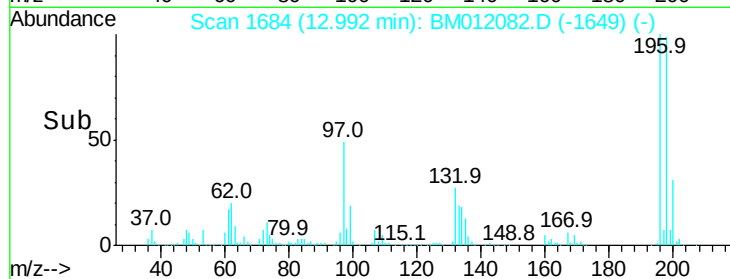
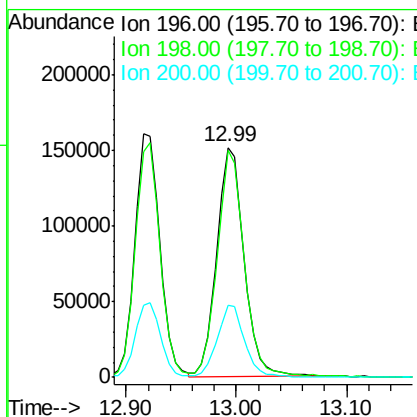
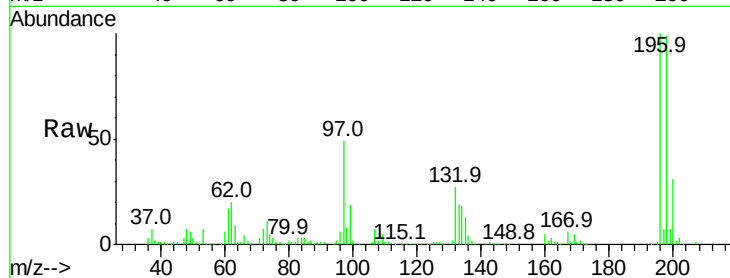




#39  
 2,4,5-Trichlorophenol  
 Concen: 21.584 ng/ul  
 RT: 12.99 min Scan# 1684  
 Delta R.T. 0.01 min  
 Lab File: BM012082.D  
 Acq: 11 Oct 2017 23:22

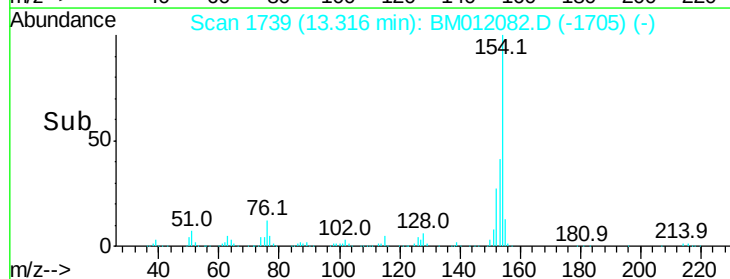
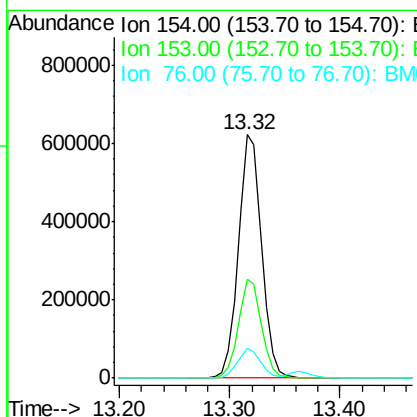
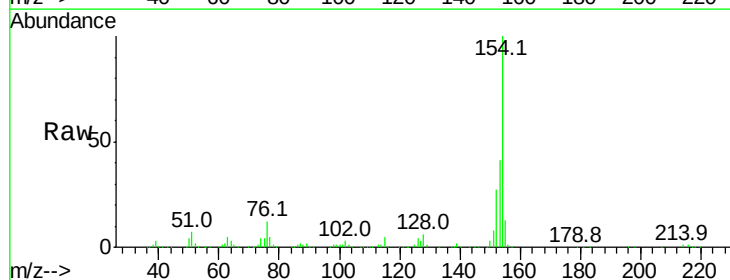
Instrument :  
 BNA\_M  
 ClientSampleId :

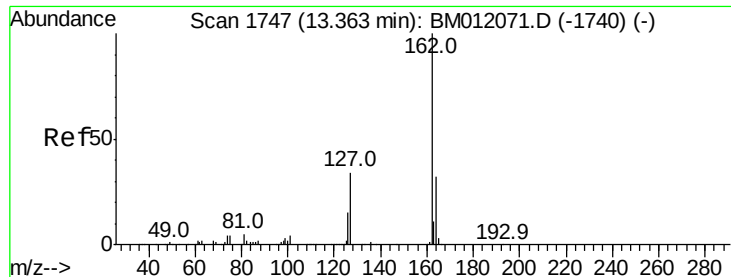
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 196   | Resp: | 261286 |
| Ion      | Ratio | Lower | Upper  |
| 196      | 100   |       |        |
| 198      | 98.7  | 75.6  | 113.4  |
| 200      | 31.4  | 25.5  | 38.3   |



#40  
 1,1'-Biphenyl  
 Concen: 21.518 ng/ul  
 RT: 13.32 min Scan# 1739  
 Delta R.T. 0.00 min  
 Lab File: BM012082.D  
 Acq: 11 Oct 2017 23:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 154   | Resp: | 918364 |
| Ion      | Ratio | Lower | Upper  |
| 154      | 100   |       |        |
| 153      | 40.7  | 32.6  | 48.8   |
| 76       | 12.4  | 8.5   | 12.7   |

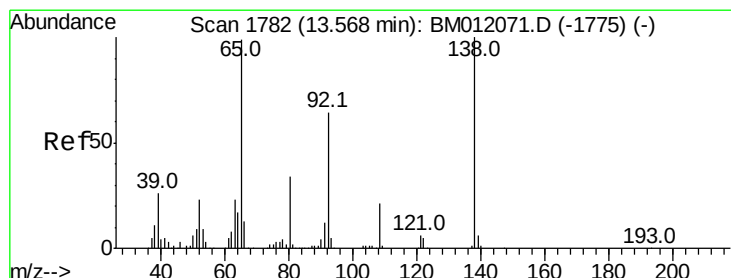
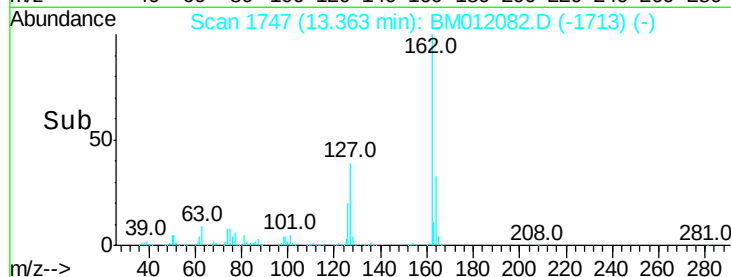
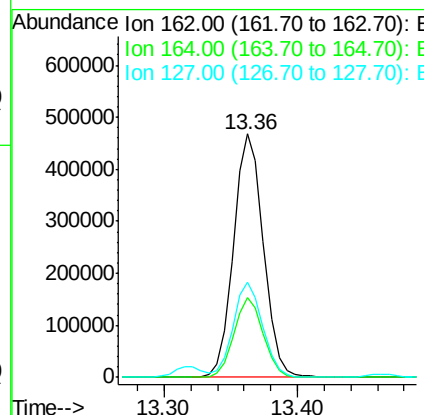
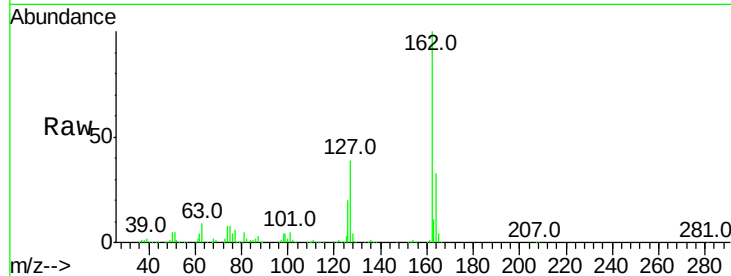




#41  
 2-Chloronaphthalene  
 Concen: 21.795 ng/ul  
 RT: 13.36 min Scan# 1747  
 Delta R.T. 0.00 min  
 Lab File: BM012082.D  
 Acq: 11 Oct 2017 23:22

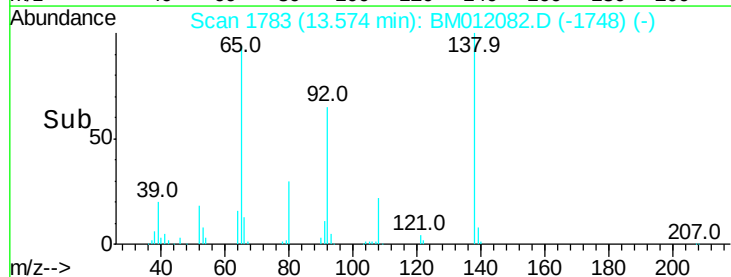
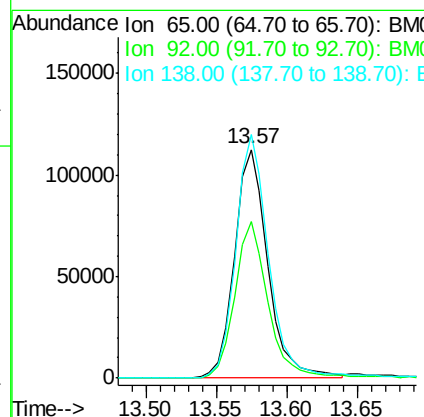
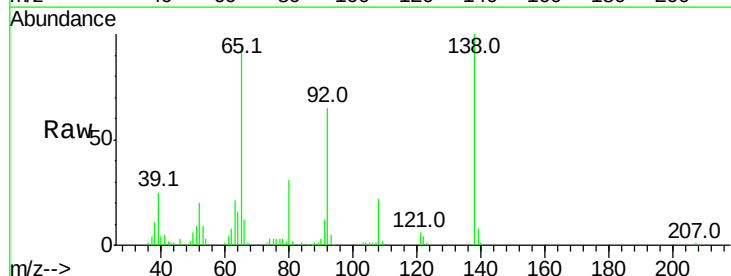
Instrument :  
 BNA\_M  
 ClientSampleId :

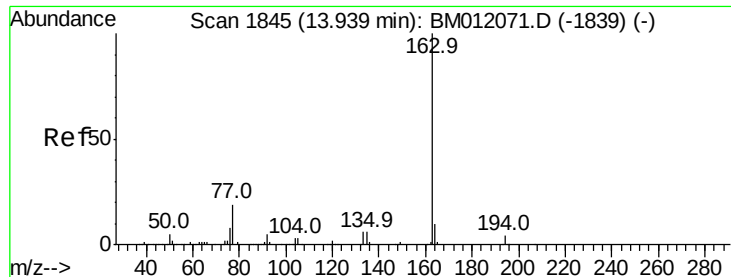
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 33.0  | 25.9  | 38.9  |
| 127     | 39.0  | 29.4  | 44.2  |



#42  
 2-Nitroaniline  
 Concen: 21.609 ng/ul  
 RT: 13.57 min Scan# 1783  
 Delta R.T. 0.01 min  
 Lab File: BM012082.D  
 Acq: 11 Oct 2017 23:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 68.8  | 51.8  | 77.6  |
| 138     | 106.5 | 74.2  | 111.4 |





#44

Dimethylphthalate

Concen: 19.724 ng/ul

RT: 13.94 min Scan# 1845

Delta R.T. 0.00 min

Lab File: BM012082.D

Acq: 11 Oct 2017 23:22

Instrument :

BNA\_M

ClientSampleId :

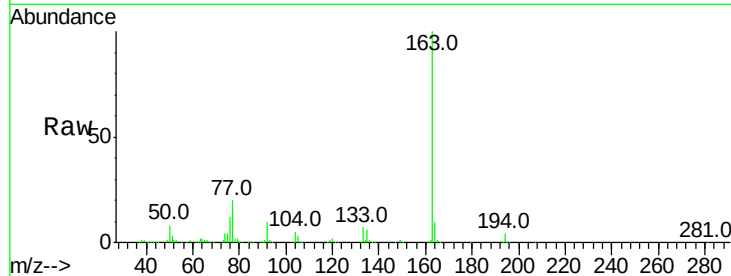
Tot Ion:163 Resp: 877902

Ion Ratio Lower Upper

163 100

194 3.9 3.5 5.3

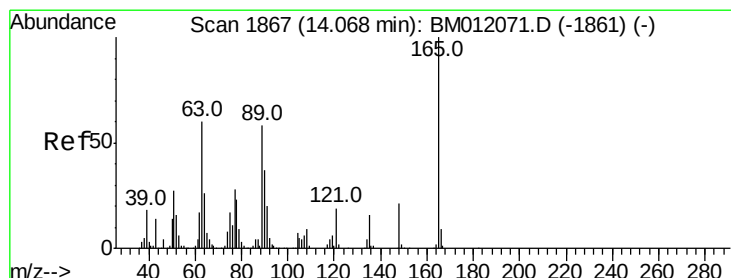
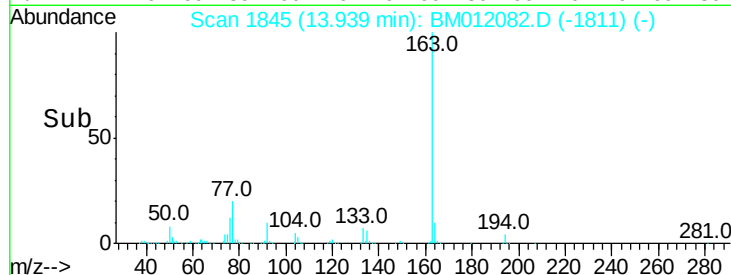
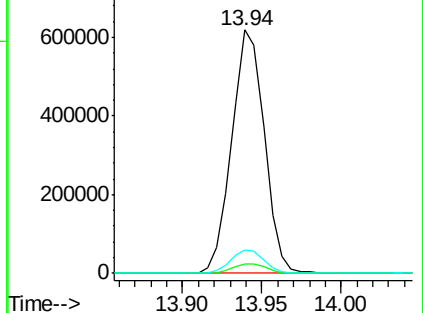
164 9.9 8.2 12.4



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: 20.792 ng/ul

RT: 14.07 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BM012082.D

Acq: 11 Oct 2017 23:22

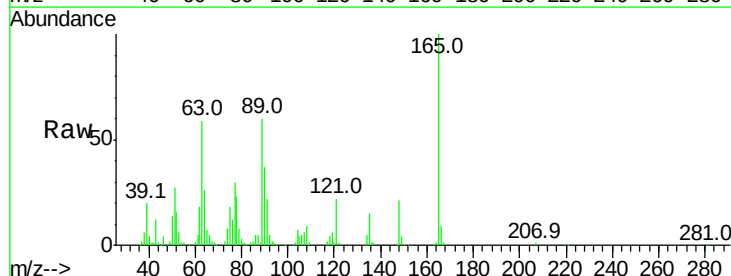
Tgt Ion:165 Resp: 174481

Ion Ratio Lower Upper

165 100

89 59.8 52.6 79.0

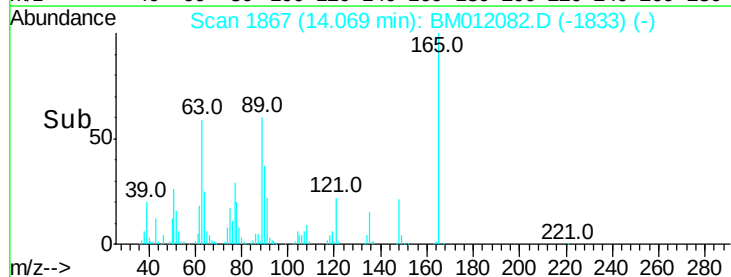
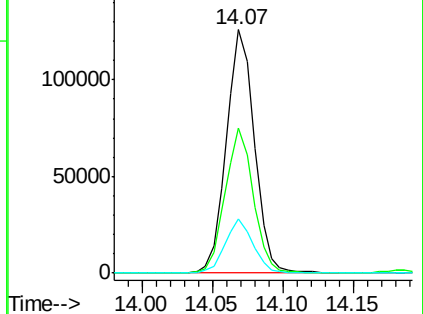
121 22.1 14.6 22.0#

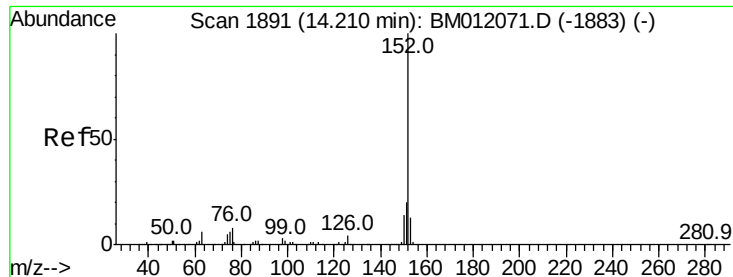


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 21.169 ng/ul

RT: 14.21 min Scan# 1891

Delta R.T. 0.00 min

Lab File: BM012082.D

Acq: 11 Oct 2017 23:22

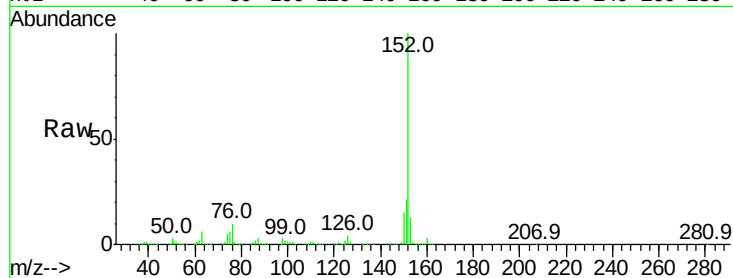
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:152 Resp: 1115909

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 20.7  | 16.3  | 24.5  |
| 153 | 13.2  | 10.2  | 15.4  |

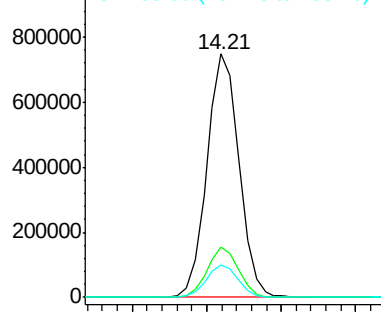


Abundance

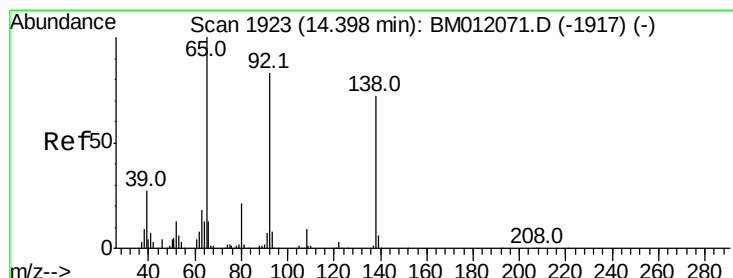
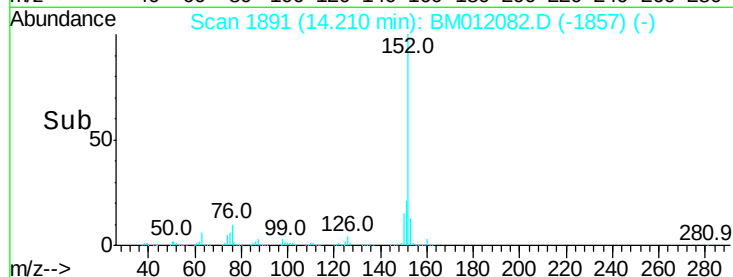
Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#48

3-Nitroaniline

Concen: 19.930 ng/ul

RT: 14.40 min Scan# 1924

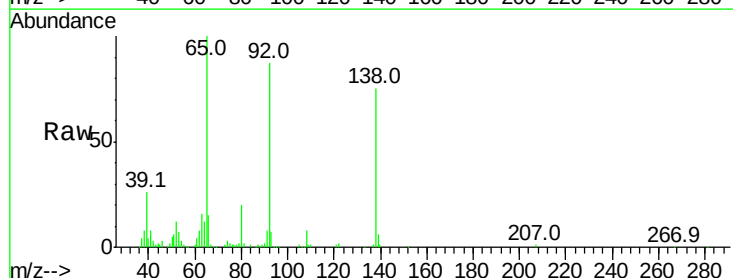
Delta R.T. 0.01 min

Lab File: BM012082.D

Acq: 11 Oct 2017 23:22

Tgt Ion:138 Resp: 155360

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 138 | 100   |       |       |
| 108 | 10.7  | 9.9   | 14.9  |
| 92  | 116.0 | 105.0 | 157.4 |

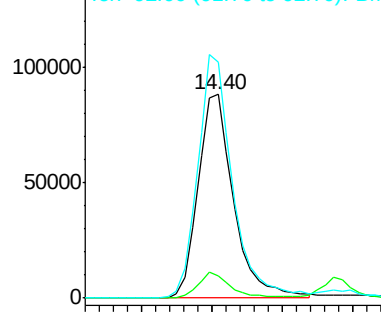


Abundance

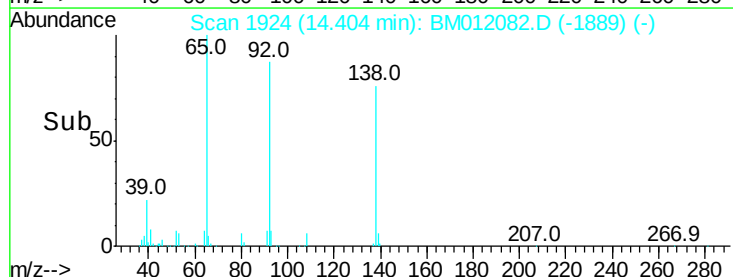
Ion 138.00 (137.70 to 138.70): E

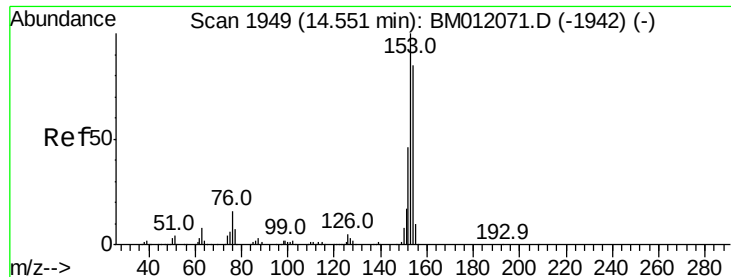
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



Time-->





#49

Acenaphthene

Concen: 20.306 ng/ul

RT: 14.55 min Scan# 1949

Delta R.T. 0.00 min

Lab File: BM012082.D

Acq: 11 Oct 2017 23:22

Instrument :

BNA\_M

ClientSampleId :

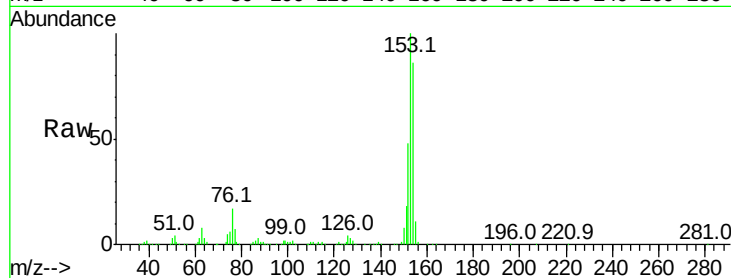
Tot Ion:153 Resp: 740703

Ion Ratio Lower Upper

153 100

152 47.9 37.6 56.4

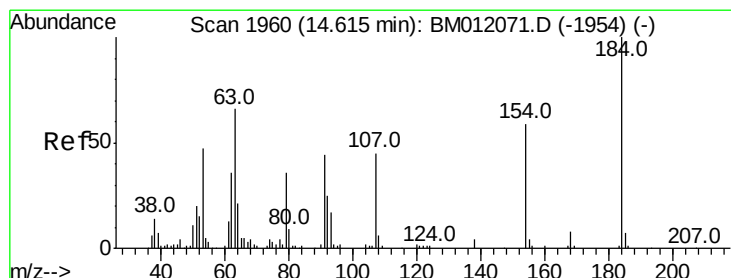
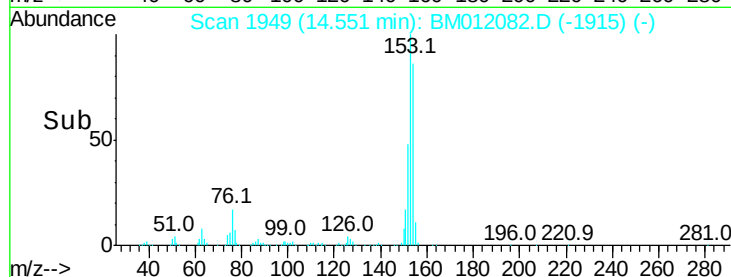
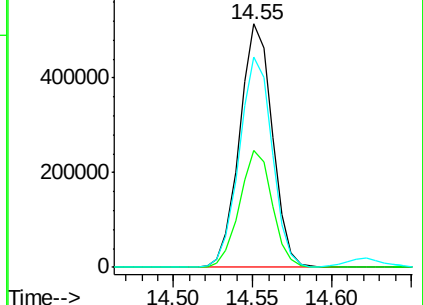
154 86.2 70.4 105.6



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: 9.283 ng/ul

RT: 14.62 min Scan# 1961

Delta R.T. 0.01 min

Lab File: BM012082.D

Acq: 11 Oct 2017 23:22

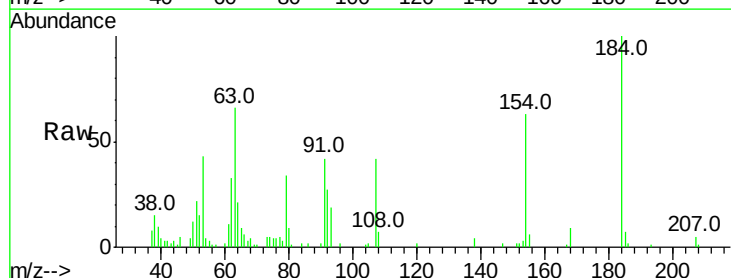
Tgt Ion:184 Resp: 51484

Ion Ratio Lower Upper

184 100

63 66.5 50.1 75.1

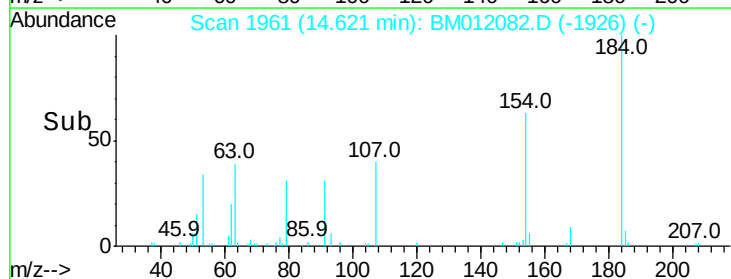
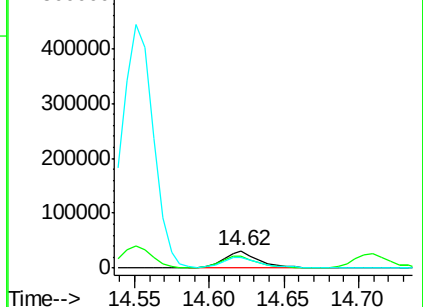
154 62.8 54.5 81.7

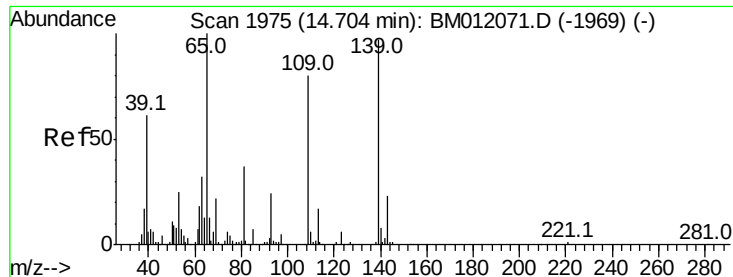


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 16.610 ng/ul

RT: 14.71 min Scan# 1976

Delta R.T. 0.01 min

Lab File: BM012082.D

Acq: 11 Oct 2017 23:22

Instrument :

BNA\_M

ClientSampleId :

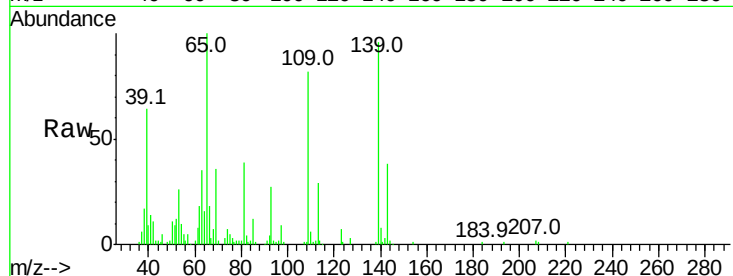
Tot Ion:109 Resp: 107298

Ion Ratio Lower Upper

109 100

139 116.3 80.0 120.0

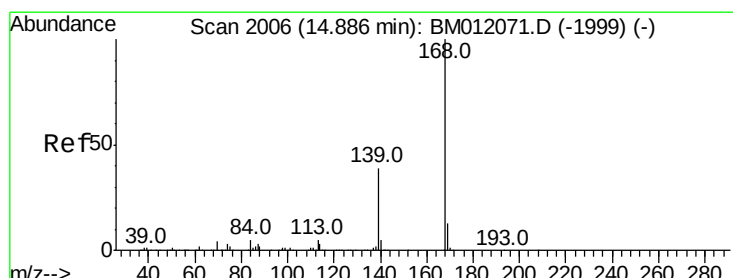
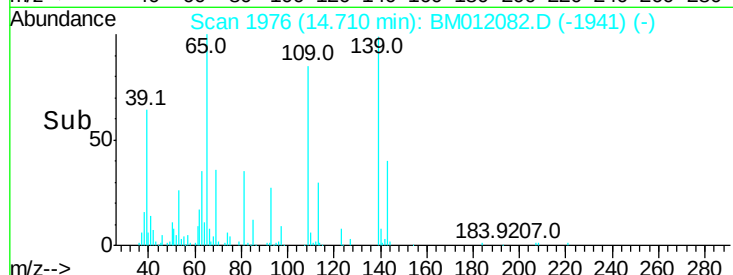
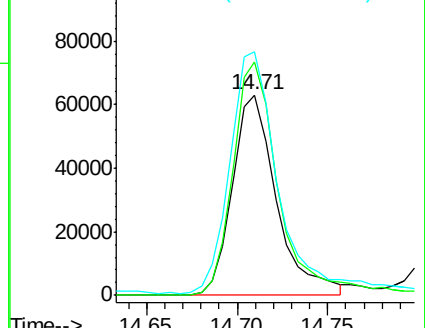
65 121.4 120.0 180.0



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): BMC



#53

Dibenzofuran

Concen: 19.809 ng/ul

RT: 14.89 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BM012082.D

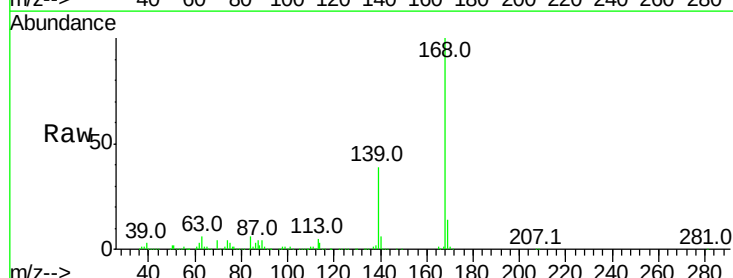
Acq: 11 Oct 2017 23:22

Tgt Ion:168 Resp: 1048690

Ion Ratio Lower Upper

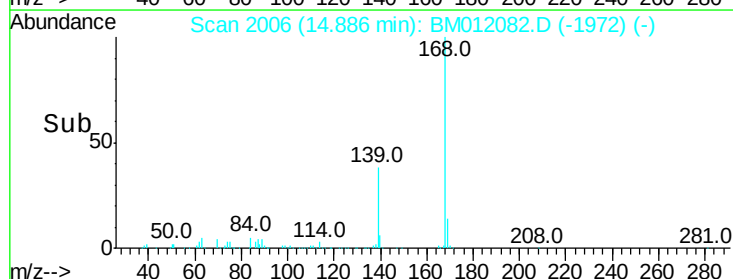
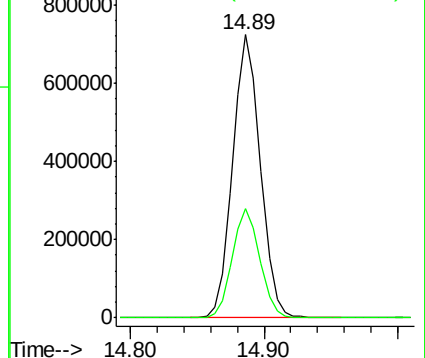
168 100

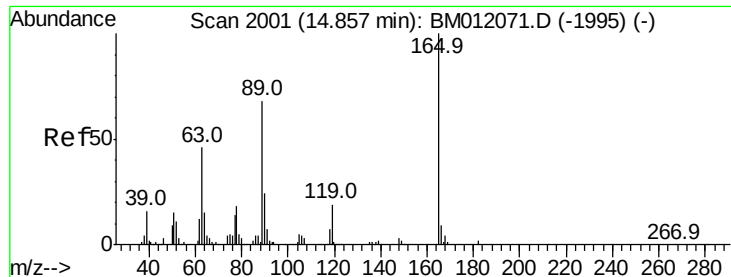
139 38.7 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#54

2,4-Dinitrotoluene

Concen: 19.280 ng/ul

RT: 14.86 min Scan# 2002

Delta R.T. 0.01 min

Lab File: BM012082.D

Acq: 11 Oct 2017 23:22

Instrument :

BNA\_M

ClientSampled :

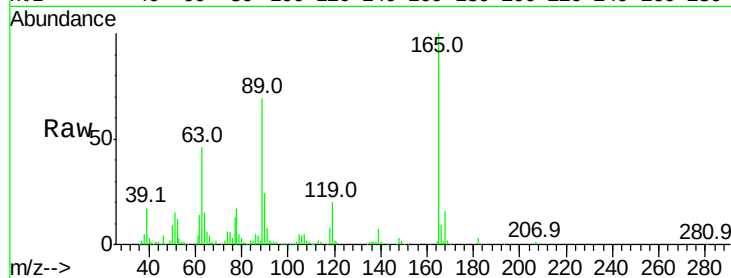
Tot Ion:165 Resp: 239222

Ion Ratio Lower Upper

165 100

63 45.7 45.8 68.8#

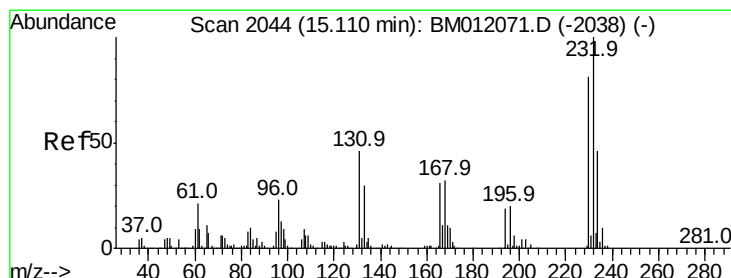
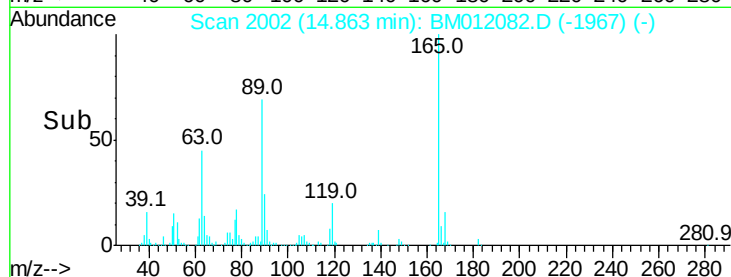
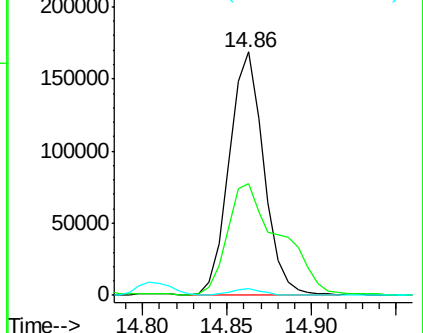
182 2.7 2.6 4.0



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: 18.765 ng/ul

RT: 15.12 min Scan# 2045

Delta R.T. 0.01 min

Lab File: BM012082.D

Acq: 11 Oct 2017 23:22

Tgt Ion:232 Resp: 221837

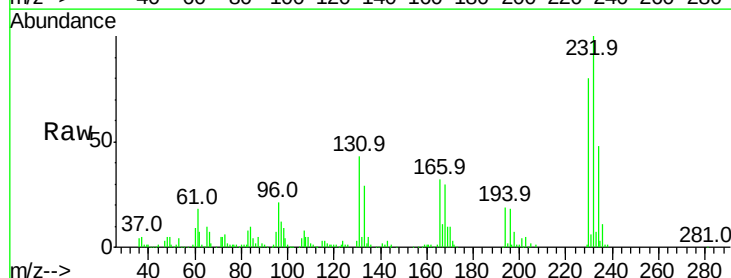
Ion Ratio Lower Upper

232 100

131 43.2 29.0 43.4

130 2.6 2.0 3.0

166 31.7 21.4 32.2

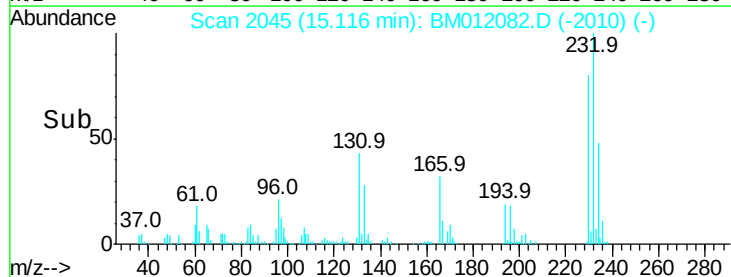
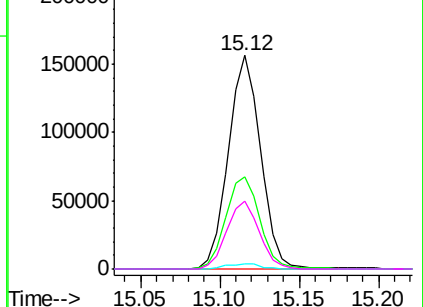


Abundance Ion 232.00 (231.70 to 232.70): E

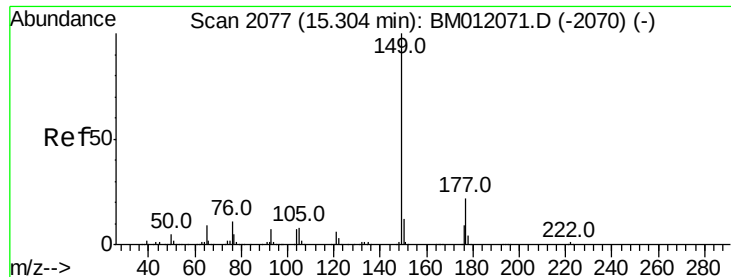
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E







#56

Diethylphthalate

Concen: 18.939 ng/ul

RT: 15.30 min Scan# 2077

Delta R.T. 0.00 min

Lab File: BM012082.D

Acq: 11 Oct 2017 23:22

Instrument :

BNA\_M

ClientSampled :

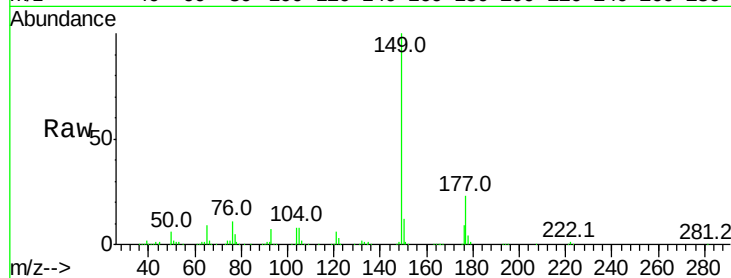
Tot Ion:149 Resp: 855604

Ion Ratio Lower Upper

149 100

177 22.7 20.5 30.7

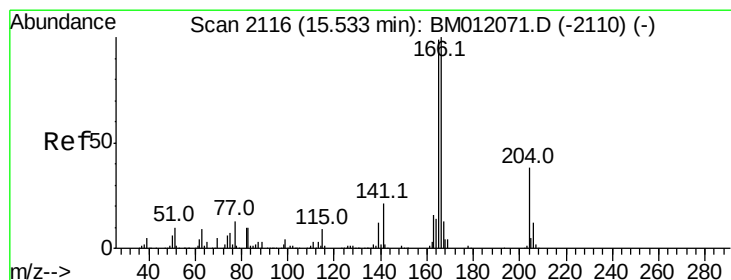
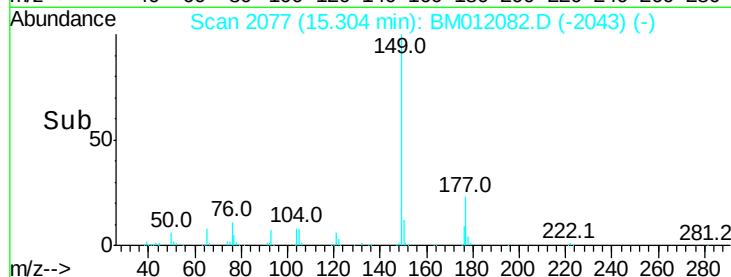
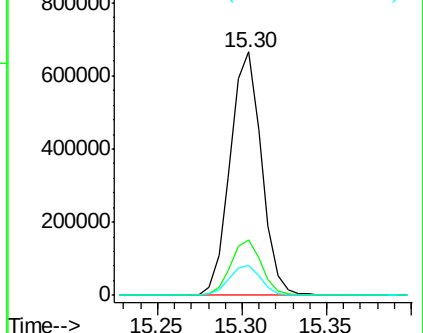
150 12.4 10.6 15.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#58

Fluorene

Concen: 19.107 ng/ul

RT: 15.53 min Scan# 2116

Delta R.T. 0.00 min

Lab File: BM012082.D

Acq: 11 Oct 2017 23:22

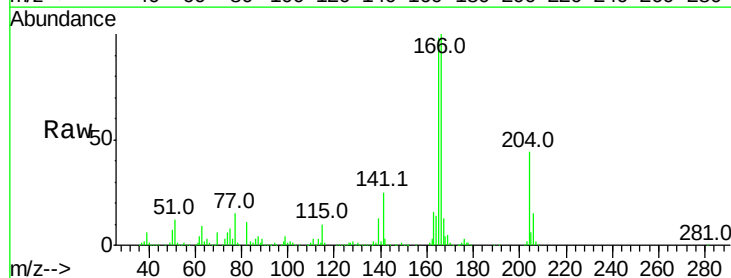
Tgt Ion:166 Resp: 844707

Ion Ratio Lower Upper

166 100

165 98.3 77.9 116.9

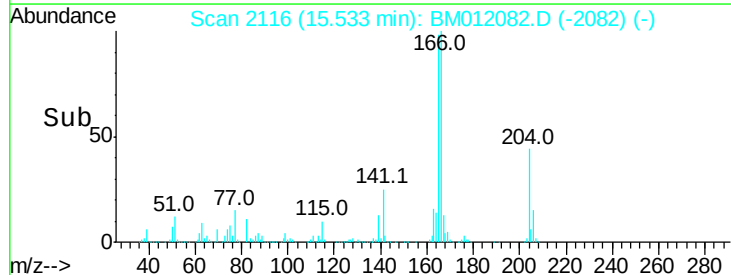
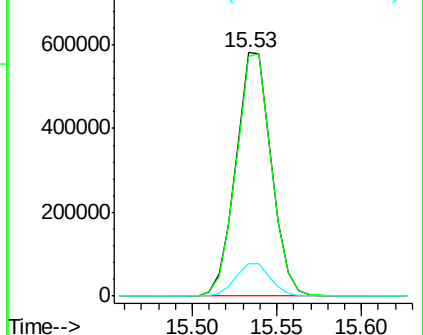
167 13.5 10.6 16.0

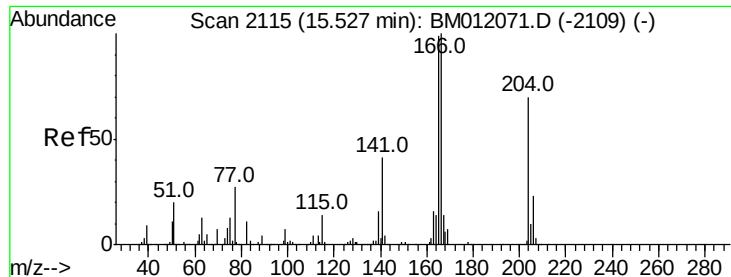


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

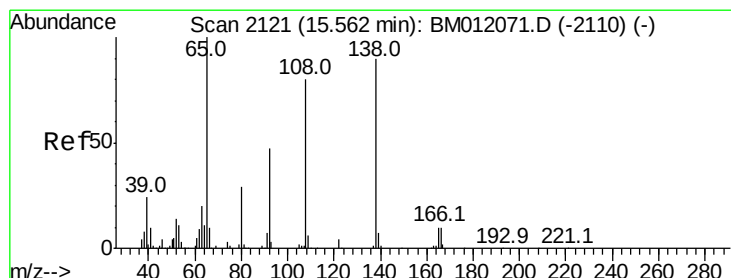
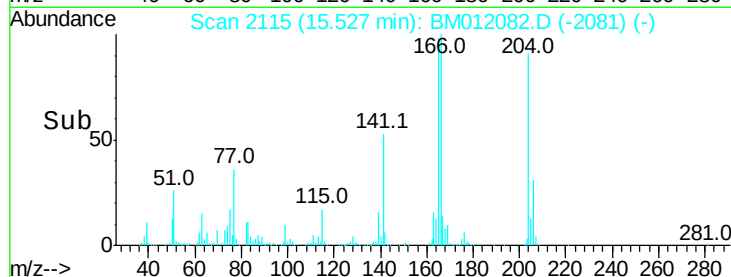
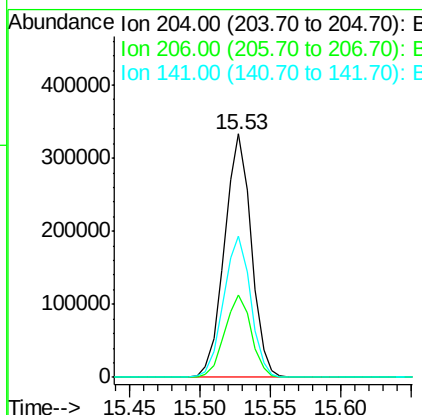
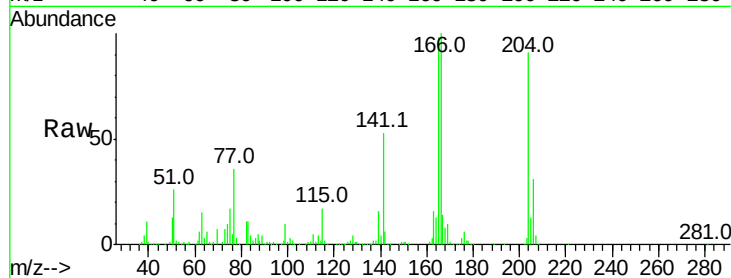




#59  
4-Chlorophenyl-phenylether  
Concen: 18.812 ng/ul  
RT: 15.53 min Scan# 2115  
Delta R.T. 0.00 min  
Lab File: BM012082.D  
Acq: 11 Oct 2017 23:22

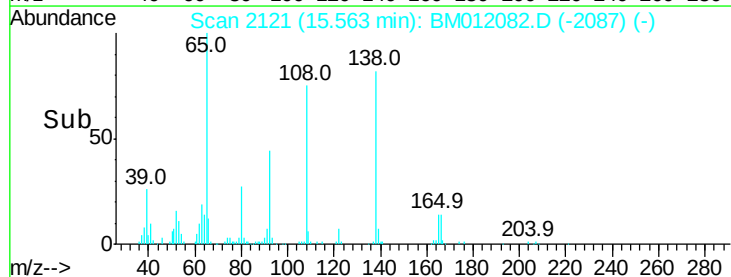
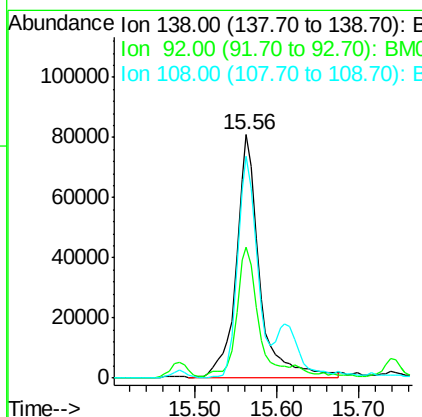
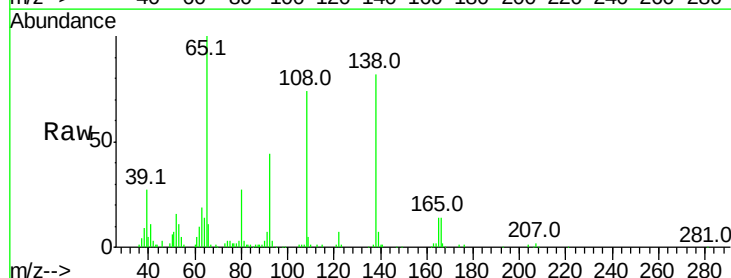
Instrument :  
BNA\_M  
ClientSampleId :

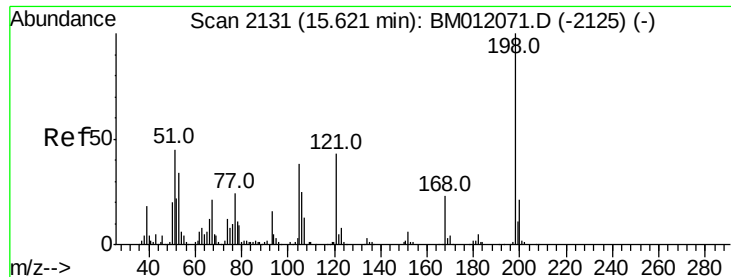
Tot Ion:204 Resp: 439845  
Ion Ratio Lower Upper  
204 100  
206 33.9 24.8 37.2  
141 58.0 44.3 66.5



#60  
4-Nitroaniline  
Concen: 17.800 ng/ul  
RT: 15.56 min Scan# 2121  
Delta R.T. 0.00 min  
Lab File: BM012082.D  
Acq: 11 Oct 2017 23:22

Tgt Ion:138 Resp: 161637  
Ion Ratio Lower Upper  
138 100  
92 53.7 40.0 60.0  
108 91.0 80.0 120.0

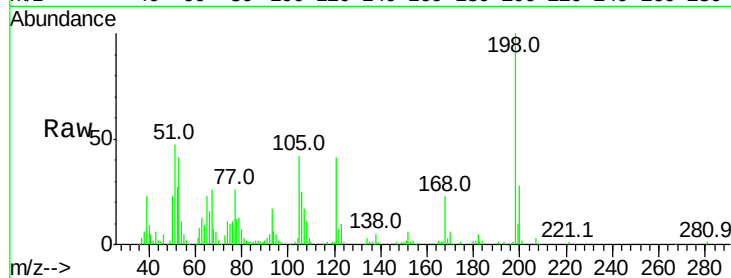




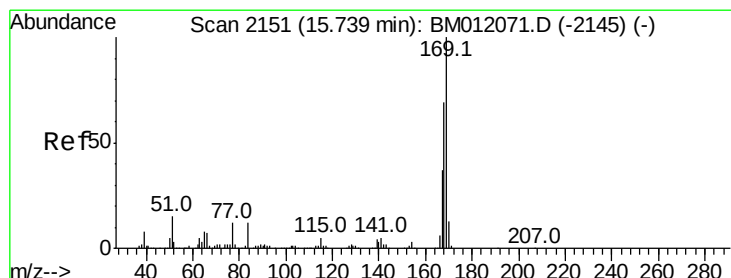
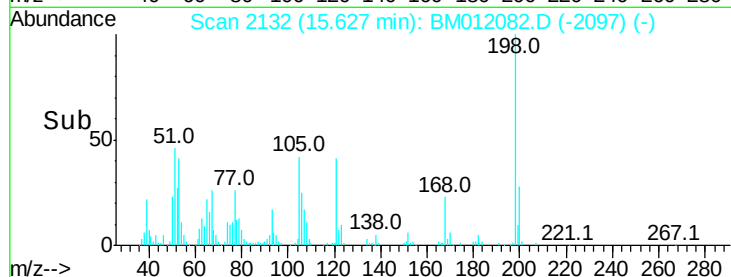
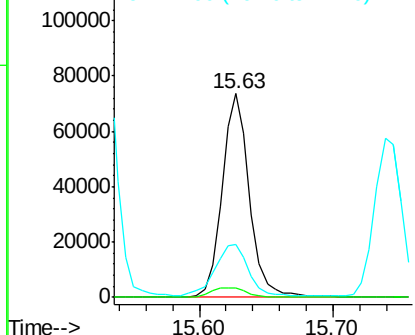
#63  
 4,6-Dinitro-2-methylphenol  
 Concen: 13.849 ng/ul  
 RT: 15.63 min Scan# 2132  
 Delta R.T. 0.01 min  
 Lab File: BM012082.D  
 Acq: 11 Oct 2017 23:22

Instrument :  
 BNA\_M  
 ClientSampled :

Tot Ion:198 Resp: 105672  
 Ion Ratio Lower Upper  
 198 100  
 182 4.7 3.8 5.6  
 77 26.3 25.2 37.8

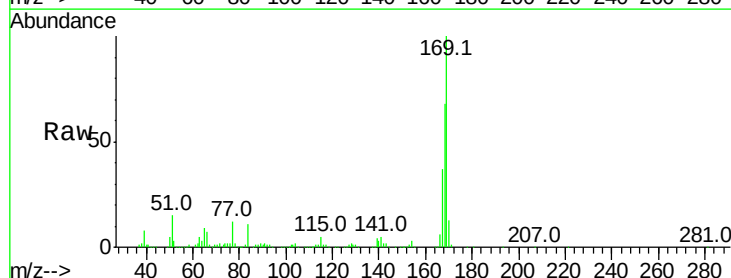


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 77.00 (76.70 to 77.70): BM

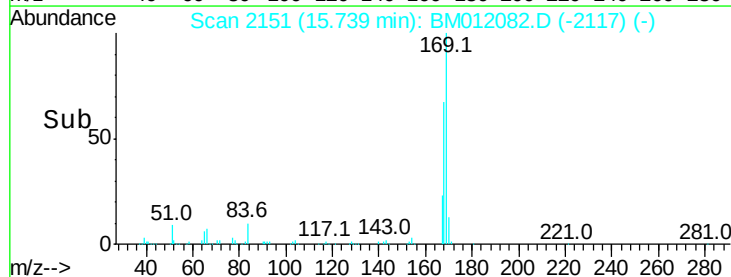
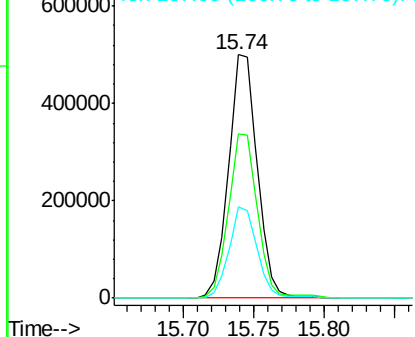


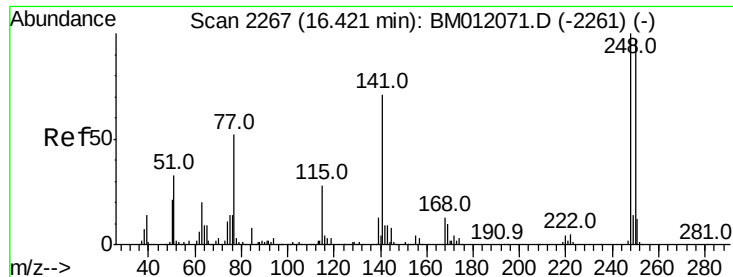
#64  
 N-Nitrosodiphenylamine  
 Concen: 22.087 ng/ul  
 RT: 15.74 min Scan# 2151  
 Delta R.T. 0.00 min  
 Lab File: BM012082.D  
 Acq: 11 Oct 2017 23:22

Tgt Ion:169 Resp: 708193  
 Ion Ratio Lower Upper  
 169 100  
 168 67.6 54.0 81.0  
 167 37.3 29.1 43.7



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: 21.274 ng/ul

RT: 16.42 min Scan# 2267

Delta R.T. 0.00 min

Lab File: BM012082.D

Acq: 11 Oct 2017 23:22

Instrument :

BNA\_M

ClientSampleId :

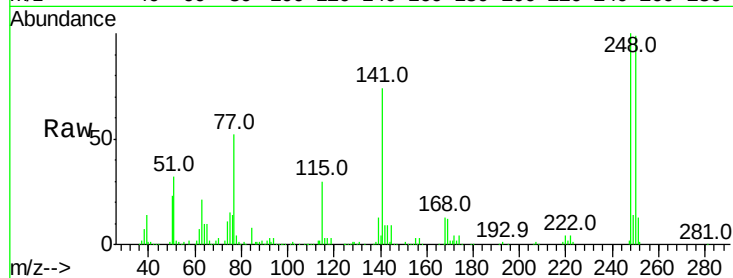
Tot Ion:248 Resp: 264498

Ion Ratio Lower Upper

248 100

250 98.8 80.5 120.7

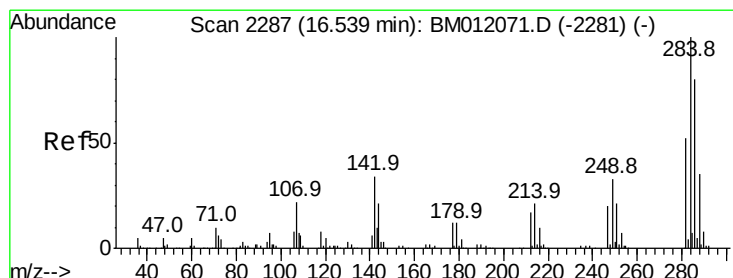
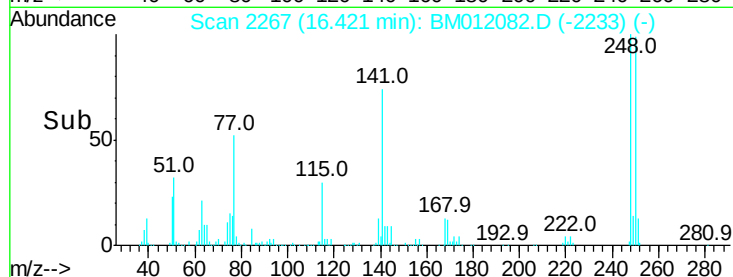
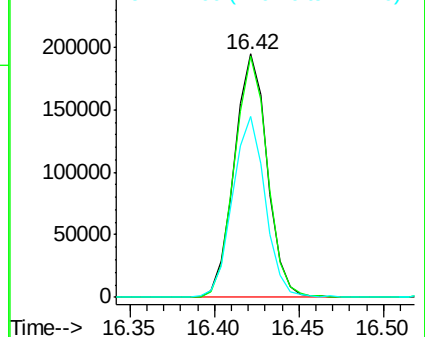
141 74.3 53.6 80.4



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#66

Hexachlorobenzene

Concen: 20.926 ng/ul

RT: 16.54 min Scan# 2287

Delta R.T. 0.00 min

Lab File: BM012082.D

Acq: 11 Oct 2017 23:22

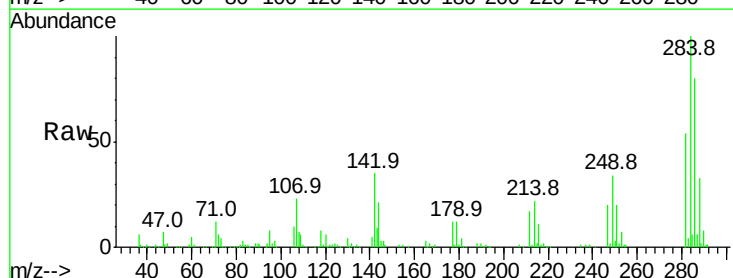
Tgt Ion:284 Resp: 290878

Ion Ratio Lower Upper

284 100

142 35.5 21.2 31.8#

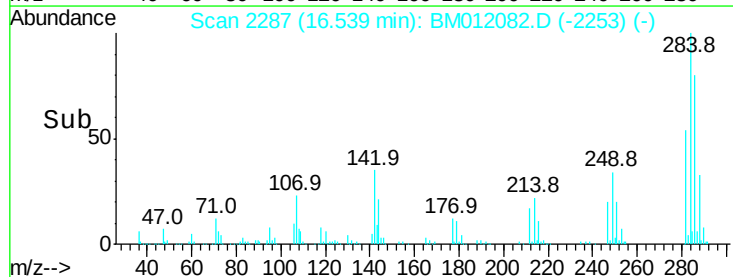
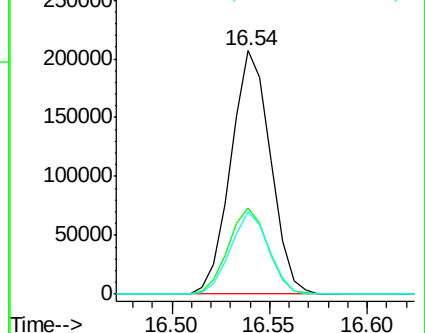
249 33.6 24.5 36.7

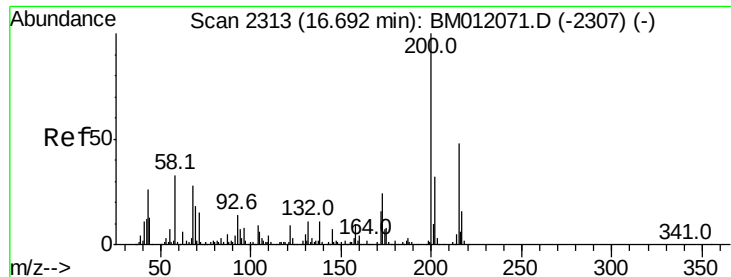


Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

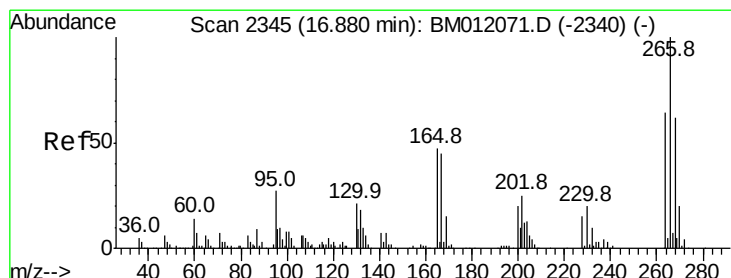
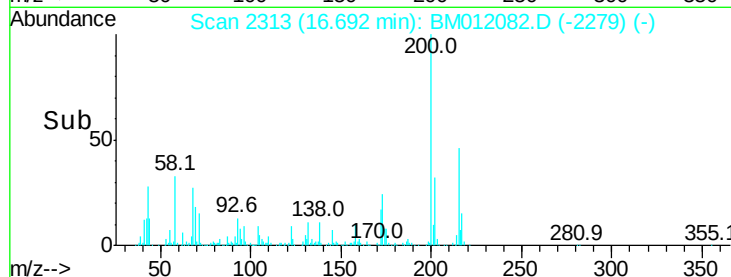
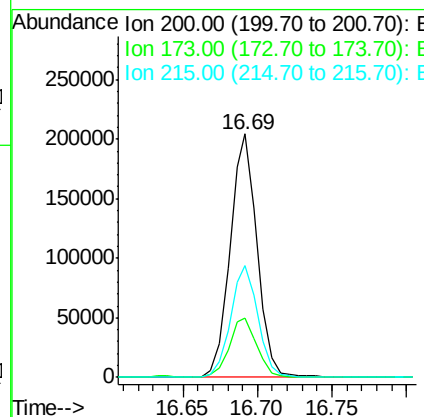
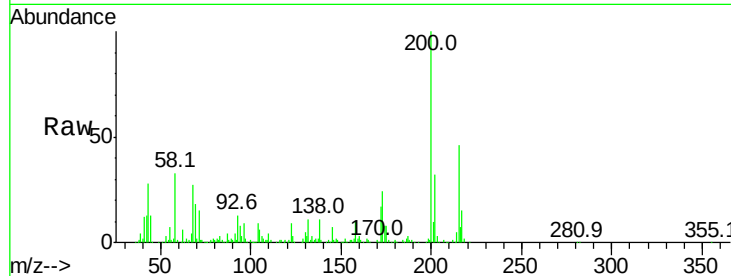




#67  
Atrazine  
Concen: 20.417 ng/ul  
RT: 16.69 min Scan# 2313  
Delta R.T. 0.00 min  
Lab File: BM012082.D  
Acq: 11 Oct 2017 23:22

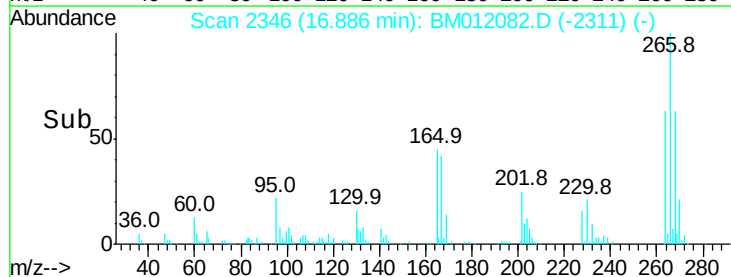
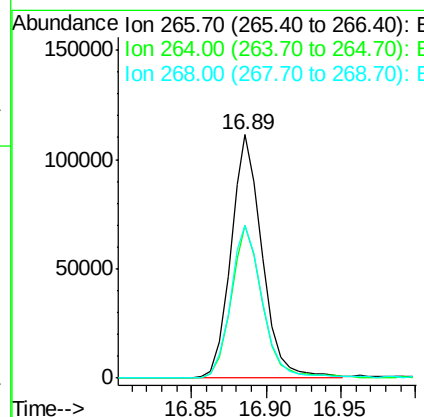
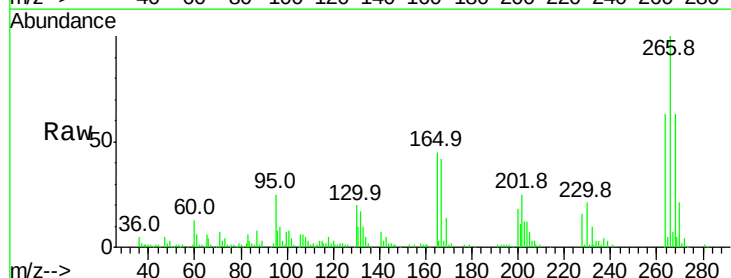
Instrument :  
BNA\_M  
ClientSampleId :

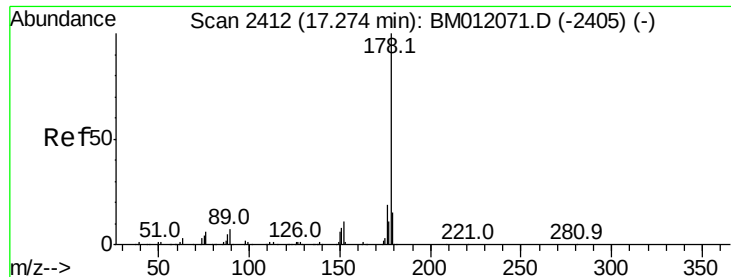
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 24.4  | 18.2  | 27.2  |
| 215     | 46.1  | 35.0  | 52.4  |



#68  
Pentachlorophenol  
Concen: 18.579 ng/ul  
RT: 16.89 min Scan# 2346  
Delta R.T. 0.01 min  
Lab File: BM012082.D  
Acq: 11 Oct 2017 23:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 62.6  | 49.3  | 73.9  |
| 268     | 62.6  | 52.6  | 78.8  |





#69

Phenanthrene

Concen: 20.000 ng/ul

RT: 17.27 min Scan# 2412

Delta R.T. 0.00 min

Lab File: BM012082.D

Acq: 11 Oct 2017 23:22

Instrument :

BNA\_M

ClientSampleId :

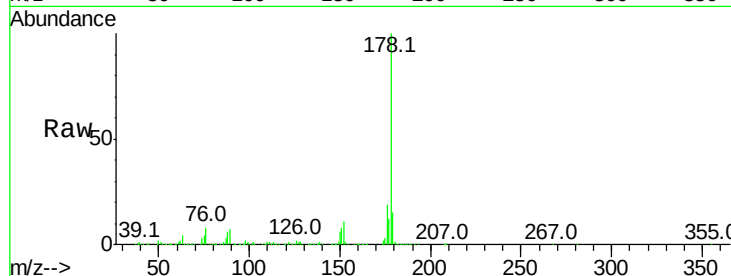
Tot Ion:178 Resp: 1221068

Ion Ratio Lower Upper

178 100

179 15.4 12.6 19.0

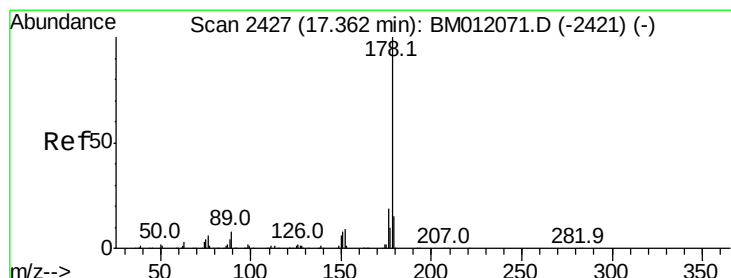
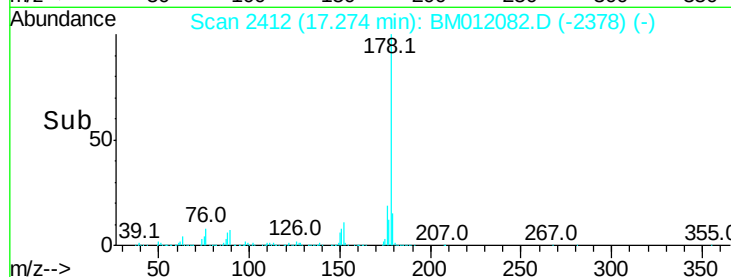
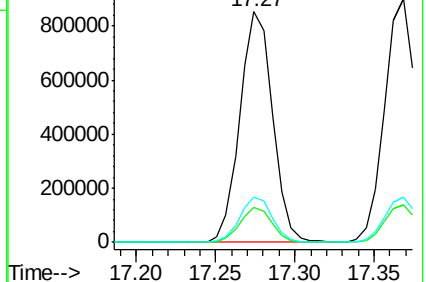
176 19.4 14.9 22.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 20.433 ng/ul

RT: 17.37 min Scan# 2428

Delta R.T. 0.01 min

Lab File: BM012082.D

Acq: 11 Oct 2017 23:22

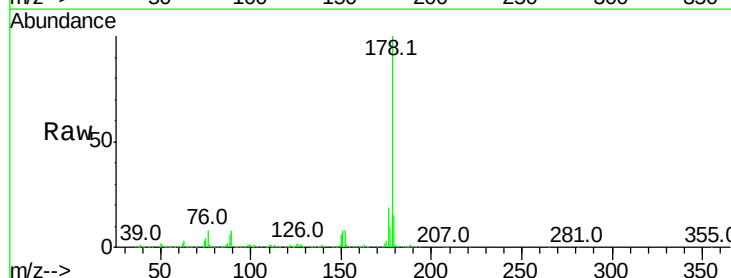
Tgt Ion:178 Resp: 1269339

Ion Ratio Lower Upper

178 100

179 15.2 11.7 17.5

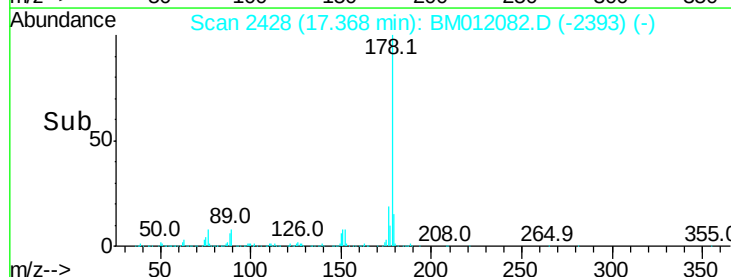
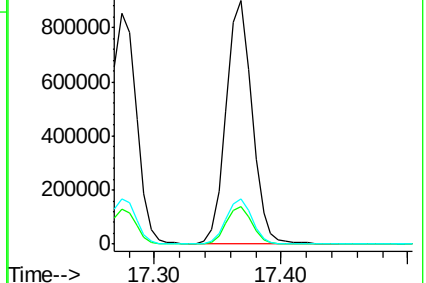
176 18.8 14.6 21.8

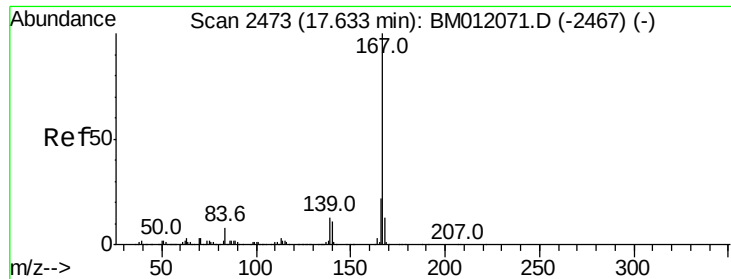


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



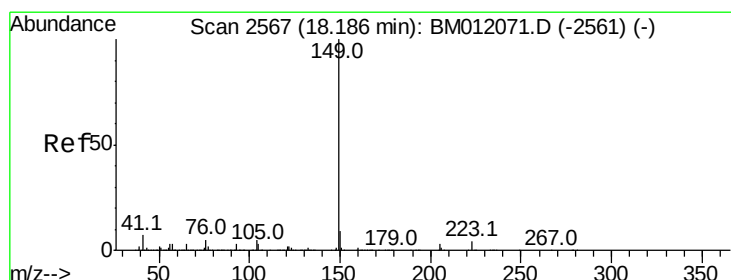
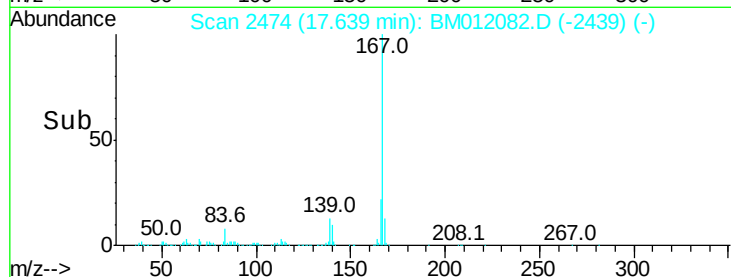
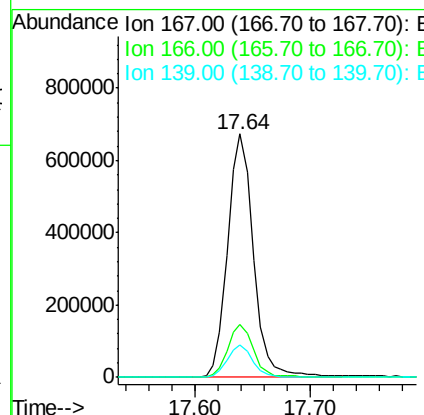
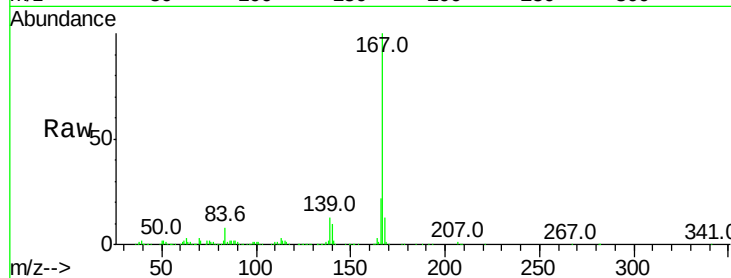


#72  
 Carbazole  
 Concen: 19.451 ng/ul  
 RT: 17.64 min Scan# 2474  
 Delta R.T. 0.01 min  
 Lab File: BM012082.D  
 Acq: 11 Oct 2017 23:22

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:167 Resp: 1046676  

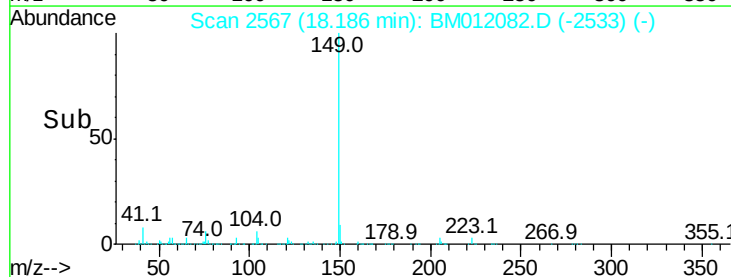
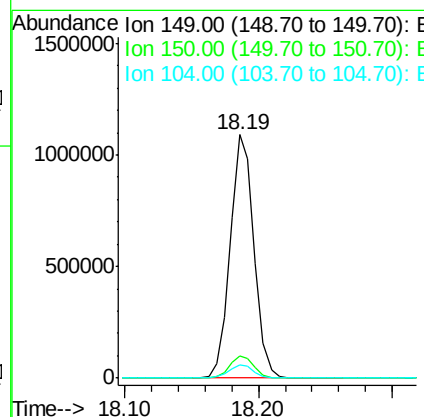
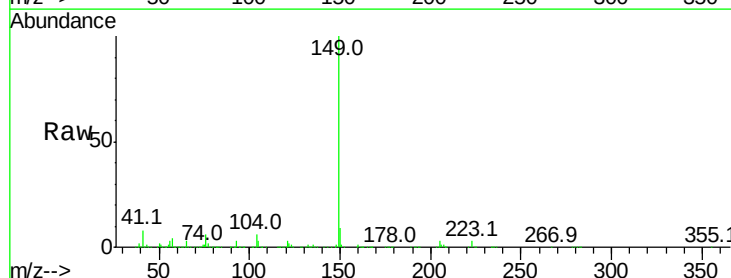
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.8  | 17.1  | 25.7  |
| 139 | 13.3  | 10.0  | 15.0  |

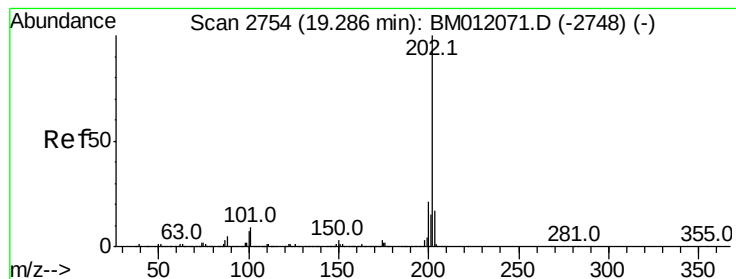


#73  
 Di-n-butylphthalate  
 Concen: 21.121 ng/ul  
 RT: 18.19 min Scan# 2567  
 Delta R.T. 0.00 min  
 Lab File: BM012082.D  
 Acq: 11 Oct 2017 23:22

Tgt Ion:149 Resp: 1361866  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.4   | 7.1   | 10.7  |
| 104 | 5.6   | 5.6   | 8.4   |





#74

Fluoranthene

Concen: 19.231 ng/ul

RT: 19.29 min Scan# 2755

Delta R.T. 0.01 min

Lab File: BM012082.D

Acq: 11 Oct 2017 23:22

Instrument :

BNA\_M

ClientSampleId :

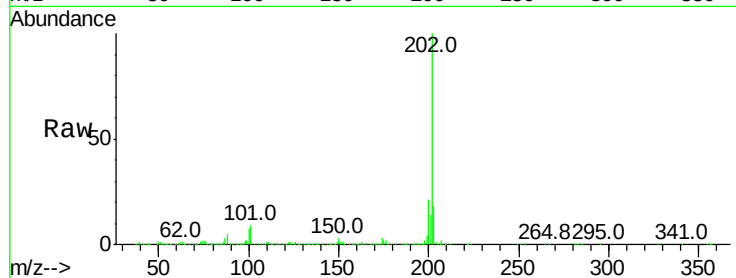
Tot Ion:202 Resp: 1432545

Ion Ratio Lower Upper

202 100

101 8.9 4.6 7.0#

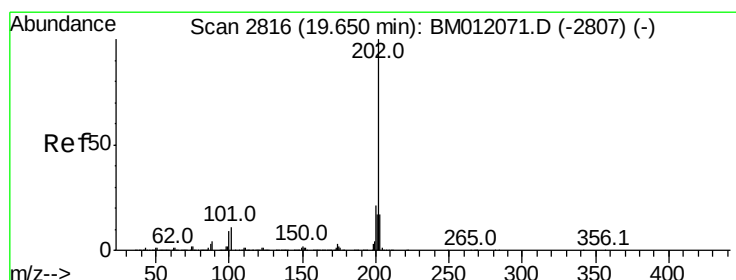
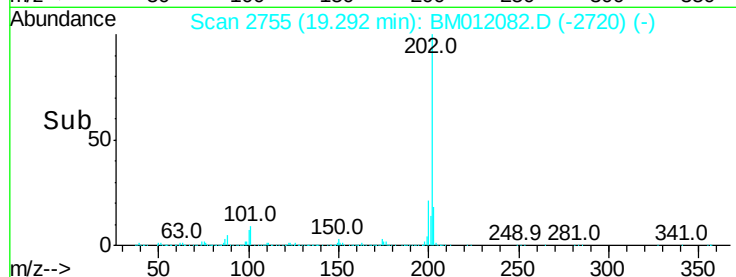
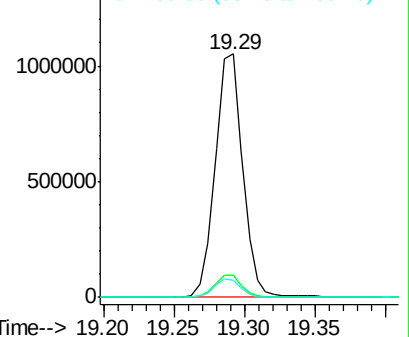
100 6.8 3.4 5.2#



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



#77

Pyrene

Concen: 22.465 ng/ul

RT: 19.65 min Scan# 2816

Delta R.T. 0.00 min

Lab File: BM012082.D

Acq: 11 Oct 2017 23:22

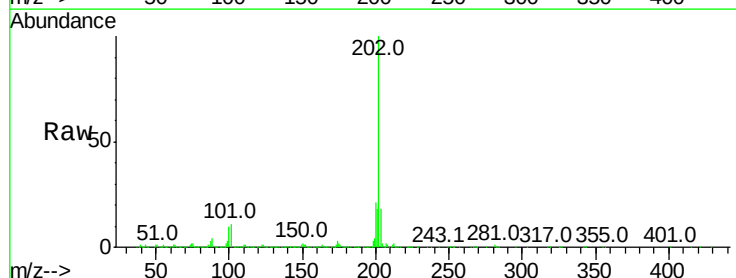
Tgt Ion:202 Resp: 1489124

Ion Ratio Lower Upper

202 100

101 10.9 5.1 7.7#

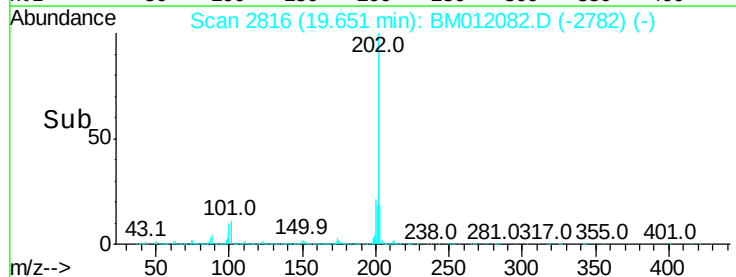
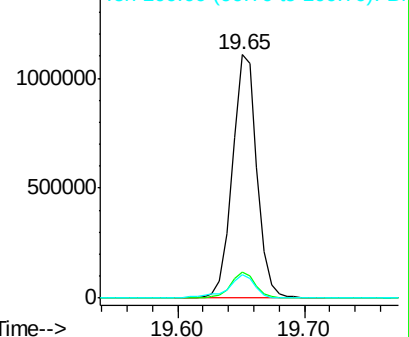
100 9.6 4.9 7.3#



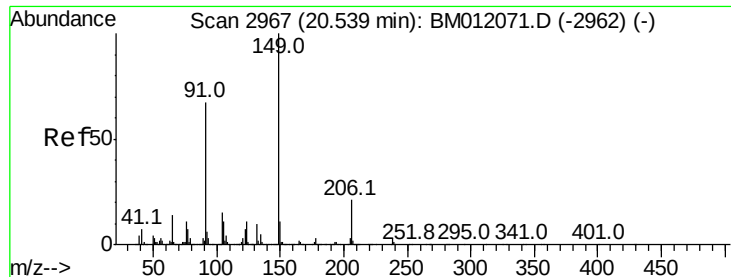
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



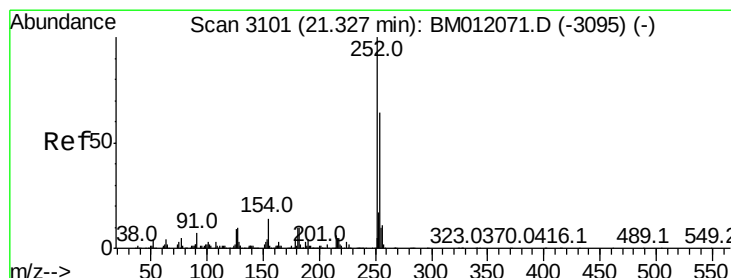
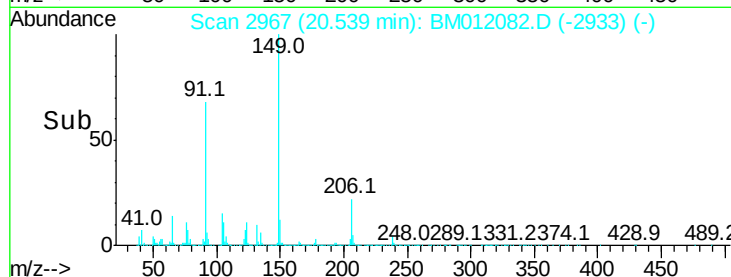
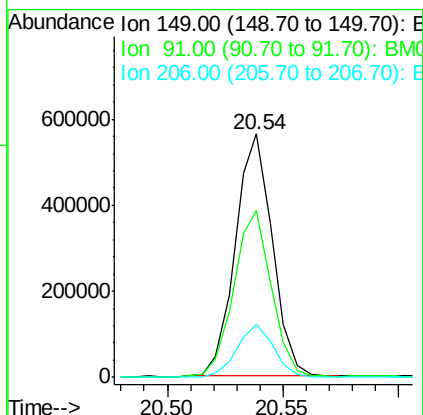
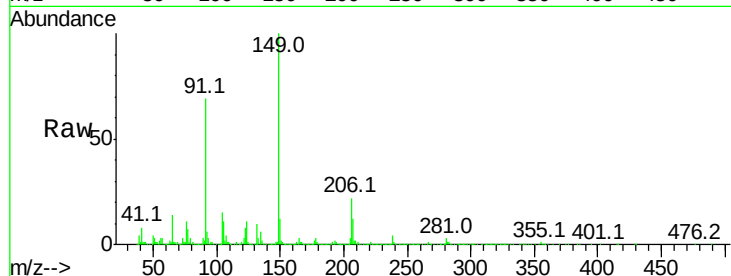




#78  
Butylbenzylphthalate  
Concen: 24.183 ng/ul  
RT: 20.54 min Scan# 2967  
Delta R.T. 0.00 min  
Lab File: BM012082.D  
Acq: 11 Oct 2017 23:22

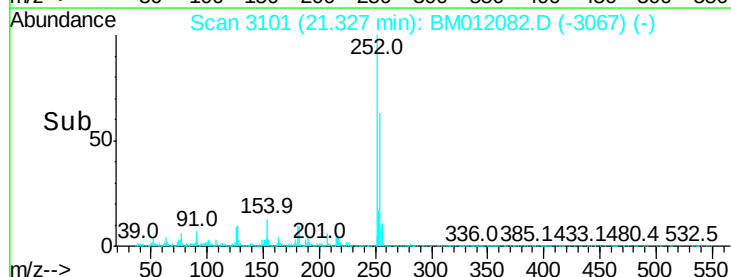
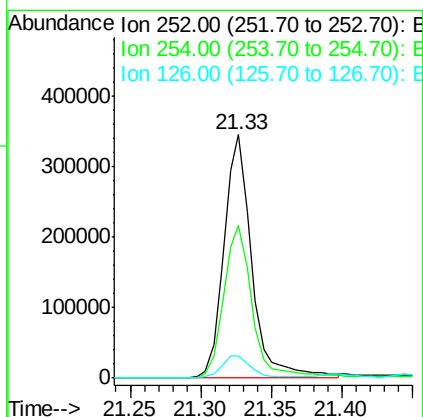
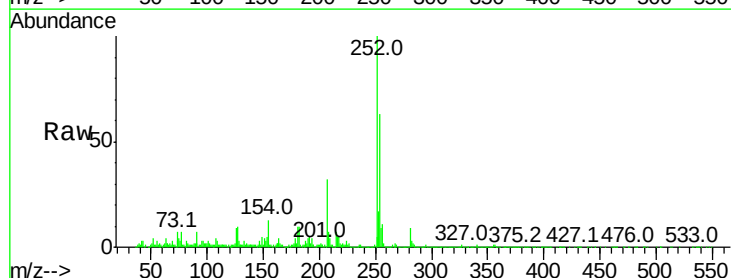
Instrument :  
BNA\_M  
ClientSampleId :

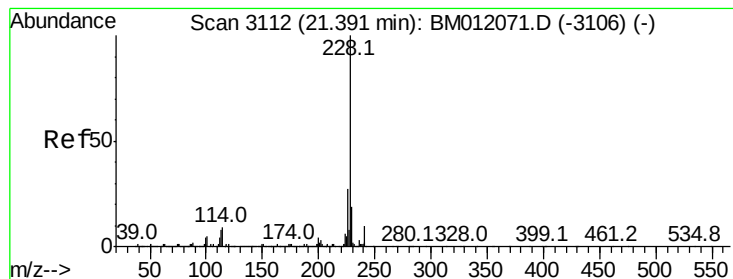
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 68.6  | 62.7  | 94.1  |
| 206     | 21.9  | 20.8  | 31.2  |



#79  
3,3'-Dichlorobenzidine  
Concen: 20.950 ng/ul  
RT: 21.33 min Scan# 3101  
Delta R.T. 0.00 min  
Lab File: BM012082.D  
Acq: 11 Oct 2017 23:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 62.8  | 54.5  | 81.7  |
| 126     | 8.9   | 5.8   | 8.8   |





#80

Benzo(a)anthracene

Concen: 21.593 ng/ul

RT: 21.39 min Scan# 3112

Delta R.T. 0.00 min

Lab File: BM012082.D

Acq: 11 Oct 2017 23:22

Instrument :

BNA\_M

ClientSampleId :

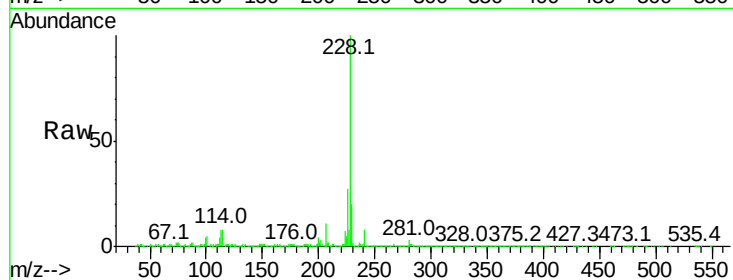
Tot Ion:228 Resp: 1478797

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 229 | 19.6  | 15.4  | 23.0  |
| 226 | 27.0  | 21.4  | 32.0  |

228 100

229 19.6 15.4 23.0

226 27.0 21.4 32.0

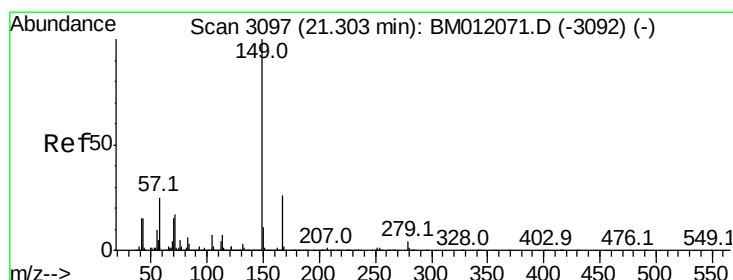
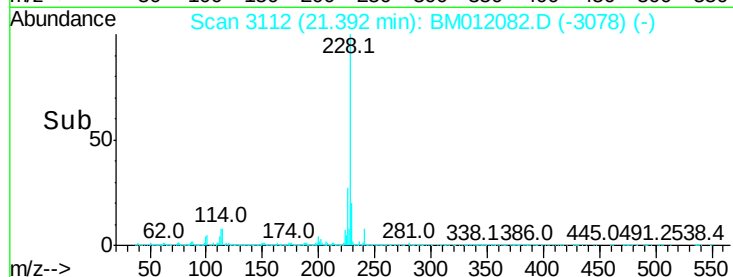
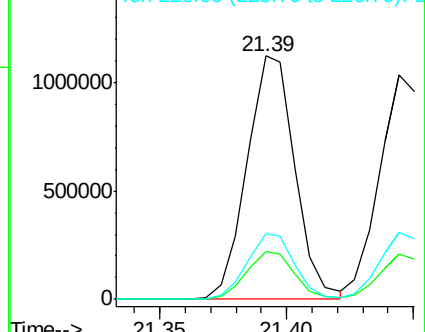


Abundance

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



#81

Bis(2-ethylhexyl)phthalate

Concen: 23.942 ng/ul

RT: 21.30 min Scan# 3097

Delta R.T. 0.00 min

Lab File: BM012082.D

Acq: 11 Oct 2017 23:22

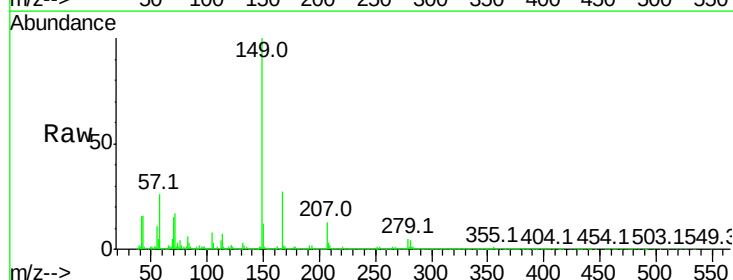
Tgt Ion:149 Resp: 924844

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 27.4  | 22.8  | 34.2  |
| 279 | 4.6   | 4.9   | 7.3   |

149 100

167 27.4 22.8 34.2

279 4.6 4.9 7.3

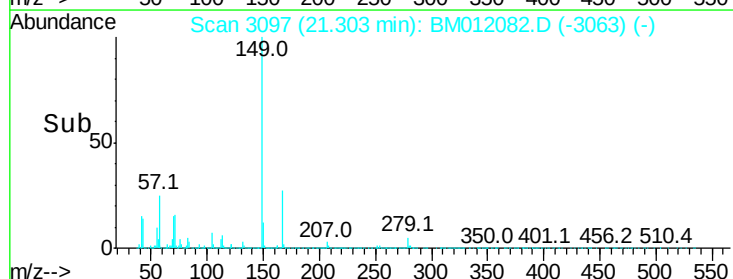
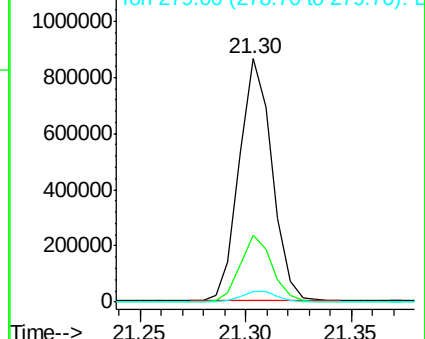


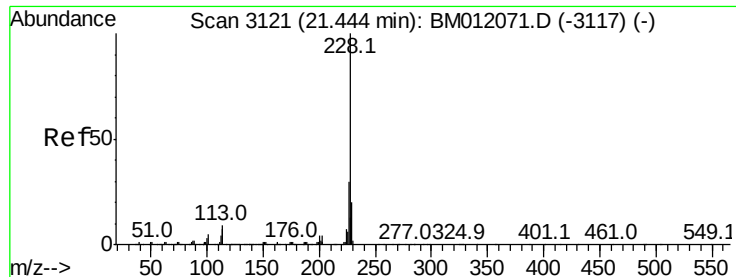
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 20.855 ng/ul

RT: 21.44 min Scan# 3121

Delta R.T. 0.00 min

Lab File: BM012082.D

Acq: 11 Oct 2017 23:22

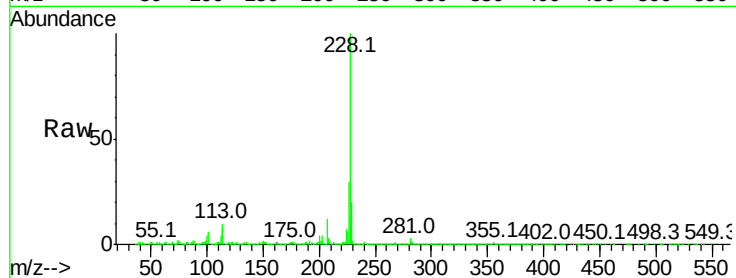
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:228 Resp: 1357042

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.6  | 23.4  | 35.2  |
| 229 | 20.3  | 15.5  | 23.3  |

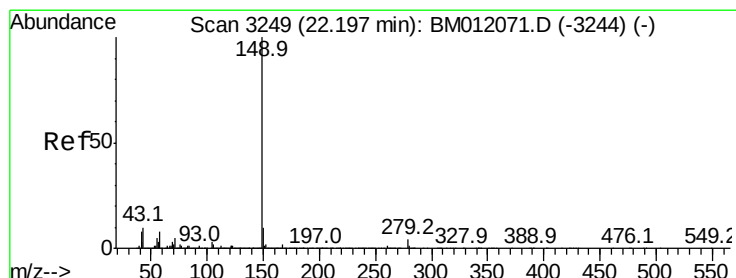
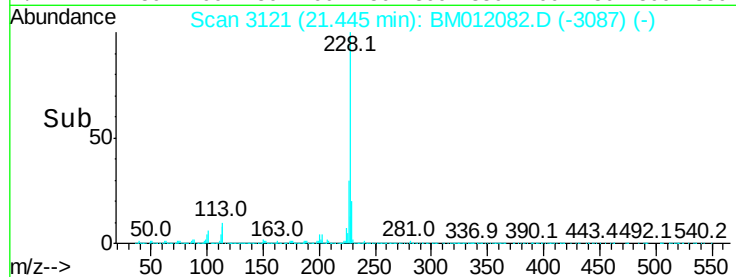


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Di-n-octyl phthalate

Concen: 21.022 ng/ul

RT: 22.20 min Scan# 3249

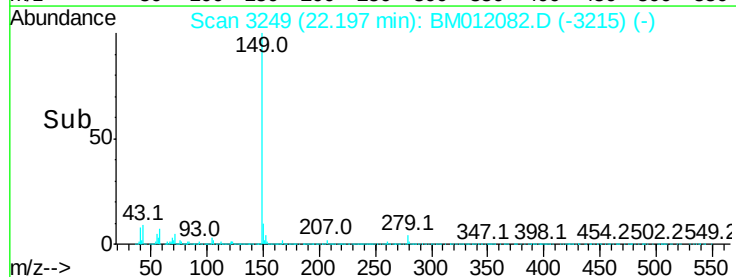
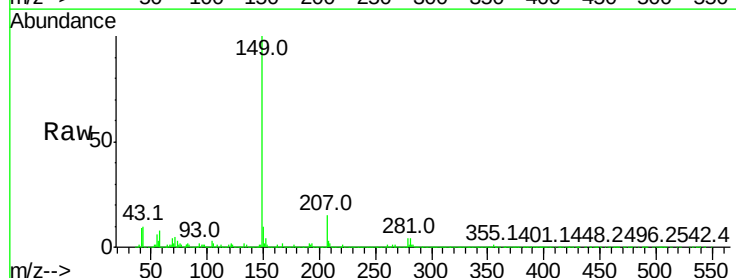
Delta R.T. 0.00 min

Lab File: BM012082.D

Acq: 11 Oct 2017 23:22

Tgt Ion:149 Resp: 1631238

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 1.7   | 1.3   | 1.9   |
| 43  | 10.3  | 7.3   | 10.9  |

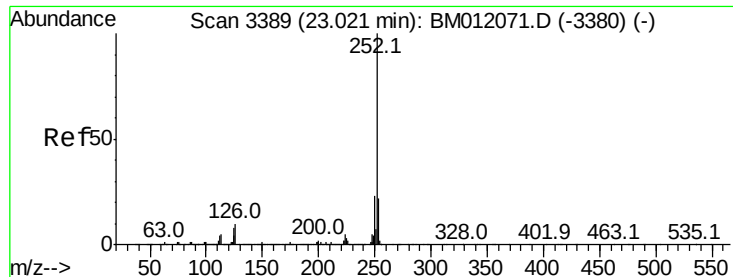


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

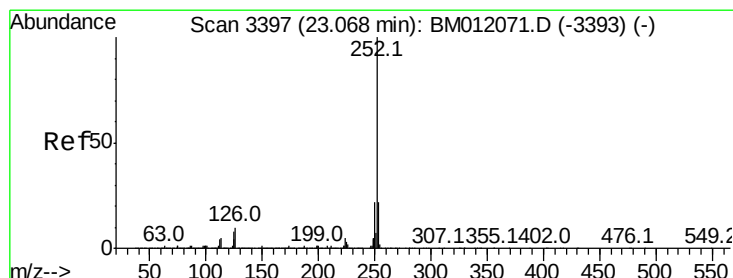
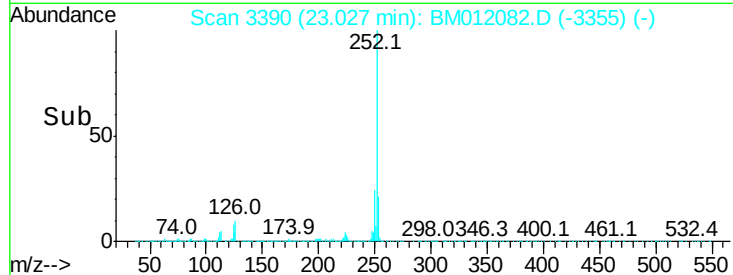
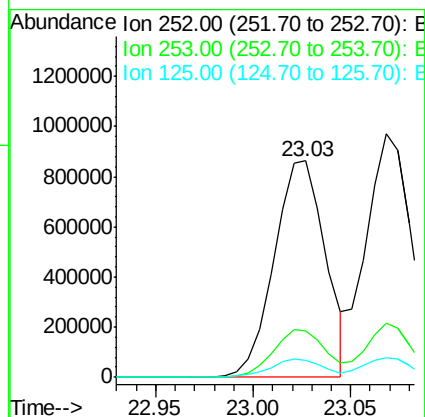
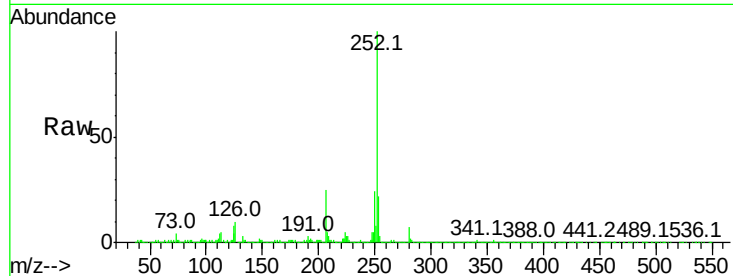
Ion 43.00 (42.70 to 43.70): BM



#85  
Benzo(b)fluoranthene  
Concen: 19.332 ng/ul  
RT: 23.03 min Scan# 3390  
Delta R.T. 0.01 min  
Lab File: BM012082.D  
Acq: 11 Oct 2017 23:22

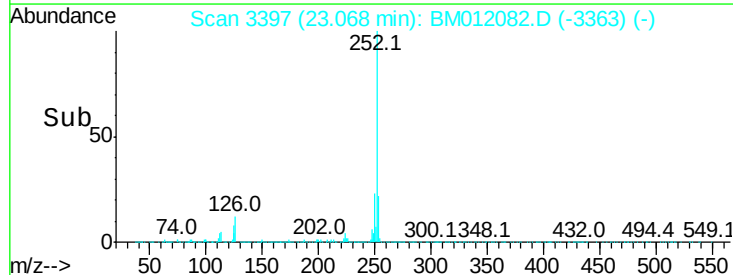
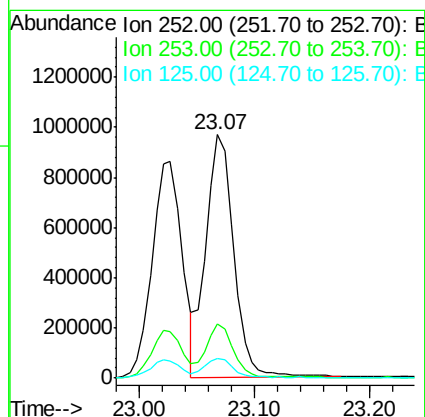
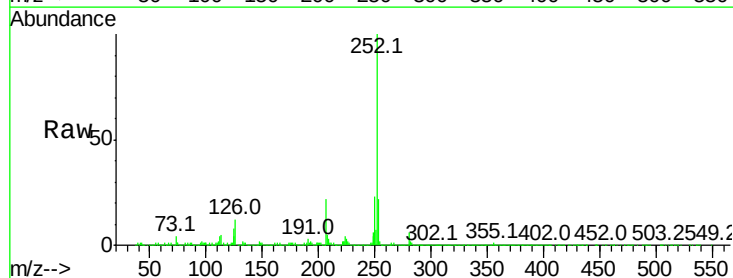
Instrument :  
BNA\_M  
ClientSampleId :

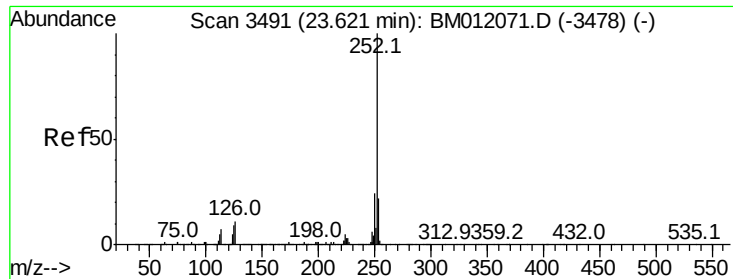
Tot Ion:252 Resp: 1560716  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.9 26.9  
125 8.1 3.6 5.4#



#86  
Benzo(k)fluoranthene  
Concen: 20.125 ng/ul  
RT: 23.07 min Scan# 3397  
Delta R.T. 0.00 min  
Lab File: BM012082.D  
Acq: 11 Oct 2017 23:22

Tgt Ion:252 Resp: 1622089  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.1 25.7  
125 8.1 3.4 5.2#





#88

Benzo(a)pyrene

Concen: 20.325 ng/ul

RT: 23.63 min Scan# 3492

Delta R.T. 0.01 min

Lab File: BM012082.D

Acq: 11 Oct 2017 23:22

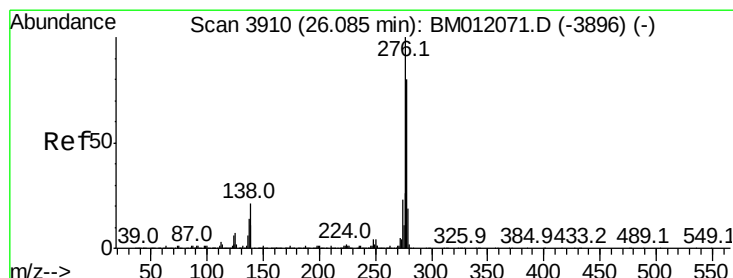
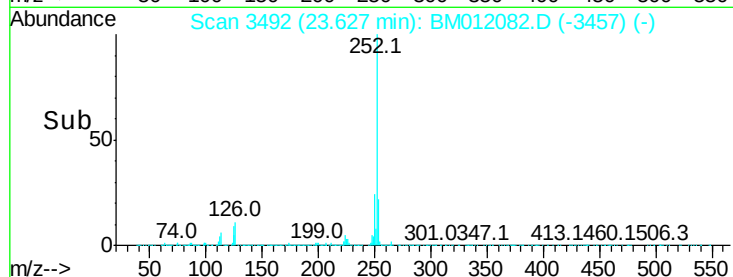
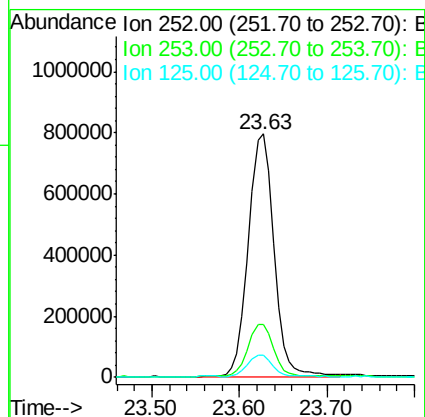
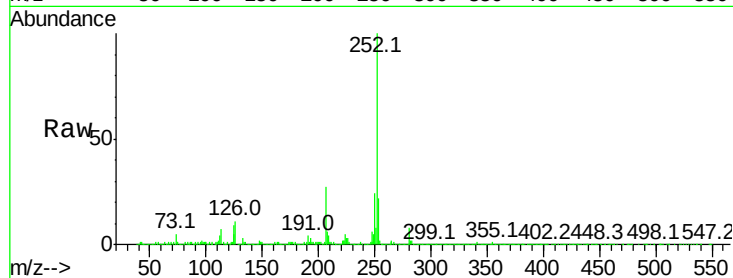
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:252 Resp: 1576736

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.0  | 18.2  | 27.2  |
| 125 | 9.0   | 4.0   | 6.0#  |



#89

Indeno(1,2,3-cd)pyrene

Concen: 23.130 ng/ul

RT: 26.09 min Scan# 3911

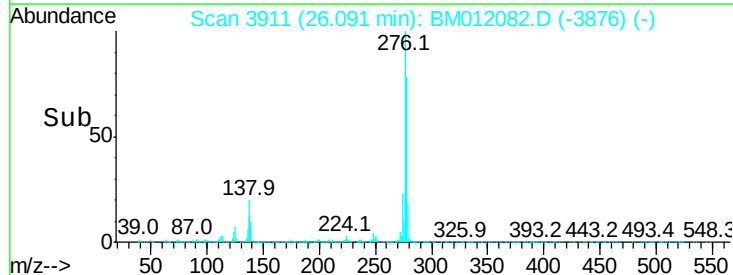
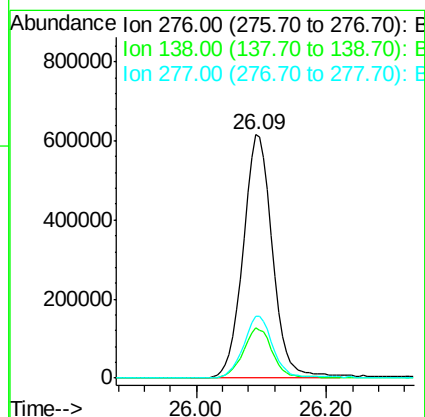
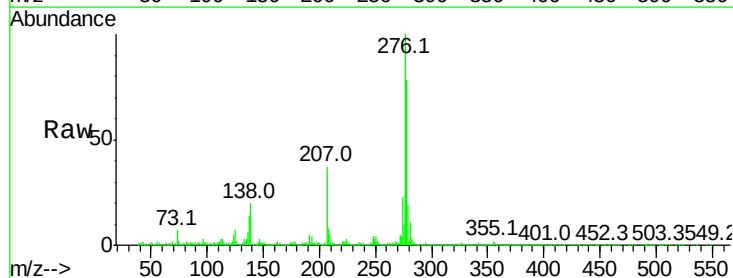
Delta R.T. 0.01 min

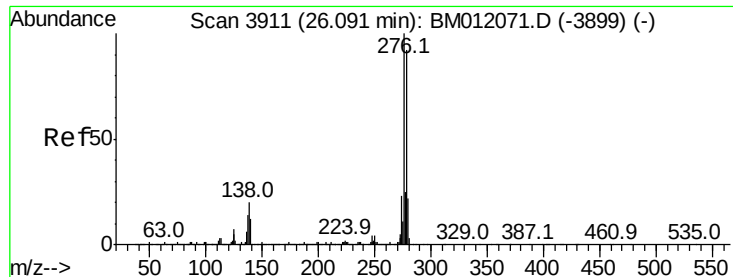
Lab File: BM012082.D

Acq: 11 Oct 2017 23:22

Tgt Ion:276 Resp: 1920100

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 20.4  | 9.3   | 13.9# |
| 277 | 25.5  | 19.9  | 29.9  |

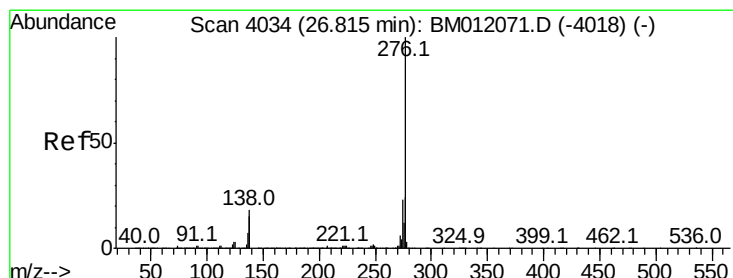
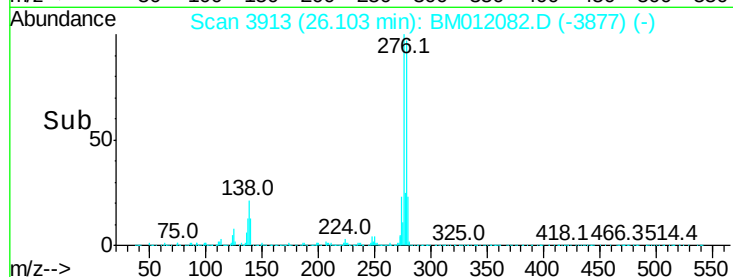
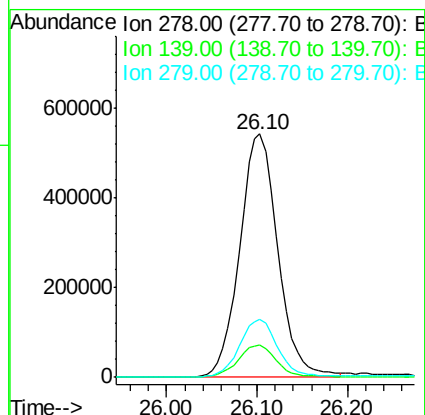
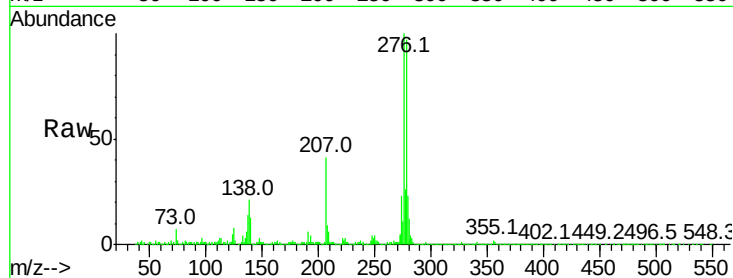




#90  
Dibenzo(a,h)anthracene  
Concen: 23.256 ng/ul  
RT: 26.10 min Scan# 3913  
Delta R.T. 0.01 min  
Lab File: BM012082.D  
Acq: 11 Oct 2017 23:22

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:278 Resp: 1586332  
Ion Ratio Lower Upper  
278 100  
139 13.5 5.8 8.8#  
279 23.9 18.6 27.8



#91  
Benzo(g,h,i)perylene  
Concen: 23.449 ng/ul  
RT: 26.82 min Scan# 4035  
Delta R.T. 0.01 min  
Lab File: BM012082.D  
Acq: 11 Oct 2017 23:22

Tgt Ion:276 Resp: 1610189  
Ion Ratio Lower Upper  
276 100  
138 16.7 8.5 12.7#  
277 24.0 18.6 28.0

