

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\  
 Data File : BM012490.D  
 Acq On : 27 Oct 2017 18:07  
 Operator : SJ/JU  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Oct 28 00:19:00 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Oct 26 09:35:31 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.88  | 152  | 512429   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.67 | 136  | 2032999  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.51 | 164  | 1238662  | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.25 | 188  | 2796447  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.42 | 240  | 2600450  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.73 | 264  | 2497921  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.36  | 96  | 75201   | 7.50  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.05  | 99  | 765436  | 17.88 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.21  | 67  | 452616  | 17.81 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.42  | 132 | 605679  | 18.89 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.59  | 113 | 640614  | 17.51 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.03  | 128 | 289658  | 22.75 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.76  | 143 | 338238  | 25.78 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.30 | 165 | 681354  | 19.61 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.80 | 131 | 770004  | 21.02 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.92 | 166 | 1940412 | 17.93 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.20 | 160 | 2425674 | 18.95 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.72 | 143 | 312323  | 19.42 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.50 | 176 | 1619073 | 17.68 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.63 | 200 | 314389  | 23.23 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.35 | 188 | 2491012 | 18.69 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.64 | 212 | 2530891 | 21.21 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.59 | 264 | 2191815 | 18.47 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |         |       | Ovalue |    |
|--------------------------------|-------|-----|---------|-------|--------|----|
| 2) 1,4-Dioxane                 | 3.39  | 88  | 81743   | 7.63  | ng/uL# | 64 |
| 4) Benzaldehyde                | 7.02  | 77  | 528766  | 22.72 | ng/ul  | 94 |
| 6) Phenol                      | 7.07  | 94  | 785776  | 17.63 | ng/ul# | 85 |
| 8) Bis(2-Chloroethyl)ether     | 7.30  | 93  | 595758  | 18.18 | ng/ul  | 96 |
| 10) 2-Chlorophenol             | 7.45  | 128 | 619828  | 18.89 | ng/ul  | 99 |
| 11) 2-Methylphenol             | 8.32  | 108 | 587432  | 17.48 | ng/ul  | 99 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.42  | 45  | 654818  | 18.18 | ng/ul# | 80 |
| 14) Acetophenone               | 8.70  | 105 | 966174  | 16.81 | ng/ul  | 91 |
| 15) N-Nitroso-di-n-propylamine | 8.69  | 70  | 530352  | 16.91 | ng/ul# | 63 |
| 16) 4-Methylphenol             | 8.65  | 108 | 634067  | 17.24 | ng/ul  | 93 |
| 17) Hexachloroethane           | 8.96  | 117 | 265790  | 19.12 | ng/ul  | 87 |
| 20) Nitrobenzene               | 9.07  | 77  | 764511  | 20.84 | ng/ul  | 99 |
| 21) Isophorone                 | 9.60  | 82  | 1404750 | 18.10 | ng/ul  | 94 |
| 23) 2-Nitrophenol              | 9.79  | 139 | 361227  | 24.78 | ng/ul# | 81 |
| 24) 2,4-Dimethylphenol         | 9.85  | 107 | 746682  | 18.21 | ng/ul  | 91 |
| 25) Bis(2-Chloroethoxy)methane | 10.08 | 93  | 815434  | 18.69 | ng/ul  | 95 |
| 27) 2,4-Dichlorophenol         | 10.32 | 162 | 658204  | 19.42 | ng/ul# | 92 |
| 28) Naphthalene                | 10.72 | 128 | 1901336 | 18.86 | ng/ul  | 99 |
| 30) 4-Chloroaniline            | 10.83 | 127 | 767534  | 20.80 | ng/ul  | 94 |
| 31) Hexachlorobutadiene        | 11.00 | 225 | 496948  | 19.11 | ng/ul  | 96 |
| 32) Caprolactam                | 11.60 | 113 | 200207  | 18.24 | ng/ul# | 38 |
| 33) 4-Chloro-3-methylphenol    | 11.96 | 107 | 673238  | 17.68 | ng/ul  | 97 |
| 34) 2-Methylnaphthalene        | 12.33 | 142 | 1467574 | 17.93 | ng/ul  | 96 |

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 Operator : SJ/JU  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

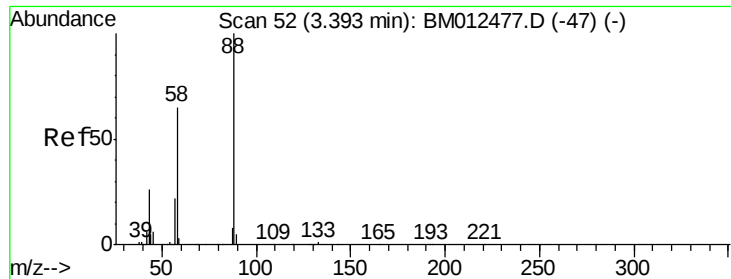
Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Oct 28 00:19:00 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Oct 26 09:35:31 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.70 | 216  | 864402   | 19.71 | ng/ul  | 96       |
| 37) Hexachlorocyclopentadiene  | 12.68 | 237  | 487930   | 17.23 | ng/ul  | 98       |
| 38) 2,4,6-Trichlorophenol      | 12.94 | 196  | 573165   | 21.82 | ng/ul  | 98       |
| 39) 2,4,5-Trichlorophenol      | 13.02 | 196  | 586189   | 21.05 | ng/ul  | 99       |
| 40) 1,1'-Biphenyl              | 13.34 | 154  | 1933003  | 19.56 | ng/ul  | 99       |
| 41) 2-Chloronaphthalene        | 13.39 | 162  | 1512886  | 19.52 | ng/ul  | 99       |
| 42) 2-Nitroaniline             | 13.59 | 65   | 448450   | 24.88 | ng/ul  | 96       |
| 44) Dimethylphthalate          | 13.96 | 163  | 1913891  | 17.88 | ng/ul  | 100      |
| 45) 2,6-Dinitrotoluene         | 14.09 | 165  | 395369   | 23.24 | ng/ul  | 91       |
| 47) Acenaphthylene             | 14.23 | 152  | 2321064  | 19.00 | ng/ul  | 99       |
| 48) 3-Nitroaniline             | 14.41 | 138  | 361602   | 22.69 | ng/ul  | 95       |
| 49) Acenaphthene               | 14.57 | 153  | 1562310  | 18.67 | ng/ul  | 100      |
| 50) 2,4-Dinitrophenol          | 14.63 | 184  | 216018   | 22.62 | ng/ul  | 95       |
| 52) 4-Nitrophenol              | 14.73 | 109  | 294223   | 18.03 | ng/ul# | 82       |
| 53) Dibenzofuran               | 14.91 | 168  | 2267102  | 18.31 | ng/ul  | 96       |
| 54) 2,4-Dinitrotoluene         | 14.87 | 165  | 564270   | 22.15 | ng/ul# | 85       |
| 55) 2,3,4,6-Tetrachlorophenol  | 15.14 | 232  | 534027   | 20.72 | ng/ul  | 97       |
| 56) Diethylphthalate           | 15.33 | 149  | 1892008  | 17.34 | ng/ul  | 96       |
| 58) Fluorene                   | 15.56 | 166  | 1861803  | 17.78 | ng/ul  | 100      |
| 59) 4-Chlorophenyl-phenylether | 15.55 | 204  | 1009148  | 17.71 | ng/ul  | 97       |
| 60) 4-Nitroaniline             | 15.57 | 138  | 376742   | 18.86 | ng/ul  | 94       |
| 63) 4,6-Dinitro-2-methylphenol | 15.64 | 198  | 333817   | 22.43 | ng/ul# | 89       |
| 64) N-Nitrosodiphenylamine     | 15.76 | 169  | 1595342  | 19.63 | ng/ul  | 100      |
| 65) 4-Bromophenyl-phenylether  | 16.44 | 248  | 657928   | 19.64 | ng/ul  | 96       |
| 66) Hexachlorobenzene          | 16.56 | 284  | 709896   | 19.16 | ng/ul  | 94       |
| 67) Atrazine                   | 16.72 | 200  | 647720   | 18.53 | ng/ul  | 93       |
| 68) Pentachlorophenol          | 16.91 | 266  | 394400   | 19.46 | ng/ul  | 97       |
| 69) Phenanthrene               | 17.30 | 178  | 2830934  | 18.72 | ng/ul  | 99       |
| 71) Anthracene                 | 17.39 | 178  | 2953237  | 18.89 | ng/ul  | 98       |
| 72) Carbazole                  | 17.66 | 167  | 2456120  | 18.97 | ng/ul  | 99       |
| 73) Di-n-butylphthalate        | 18.22 | 149  | 3065497  | 18.57 | ng/ul# | 98       |
| 74) Fluoranthene               | 19.30 | 202  | 3220671  | 18.79 | ng/ul# | 93       |
| 77) Pyrene                     | 19.67 | 202  | 3261378  | 22.05 | ng/ul# | 93       |
| 78) Butylbenzylphthalate       | 20.56 | 149  | 1244809  | 21.37 | ng/ul  | 89       |
| 79) 3,3'-Dichlorobenzidine     | 21.34 | 252  | 1100814  | 19.29 | ng/ul  | 95       |
| 80) Benzo(a)anthracene         | 21.41 | 228  | 3008039  | 19.32 | ng/ul  | 99       |
| 81) Bis(2-ethylhexyl)phthalate | 21.33 | 149  | 1778670  | 20.07 | ng/ul  | 99       |
| 82) Chrysene                   | 21.46 | 228  | 2686425  | 19.40 | ng/ul  | 99       |
| 84) Di-n-octyl phthalate       | 22.23 | 149  | 2944012  | 22.72 | ng/ul# | 94       |
| 85) Benzo(b)fluoranthene       | 23.04 | 252  | 2958000  | 19.16 | ng/ul# | 98       |
| 86) Benzo(k)fluoranthene       | 23.09 | 252  | 2681517  | 18.45 | ng/ul# | 97       |
| 88) Benzo(a)pyrene             | 23.63 | 252  | 2746652  | 18.66 | ng/ul# | 98       |
| 89) Indeno(1,2,3-cd)pyrene     | 26.09 | 276  | 3088730  | 17.83 | ng/ul# | 95       |
| 90) Dibenzo(a,h)anthracene     | 26.10 | 278  | 2617054  | 17.82 | ng/ul# | 97       |
| 91) Benzo(g,h,i)perylene       | 26.81 | 276  | 2514407  | 17.91 | ng/ul# | 96       |

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





#2

1,4-Dioxane

Concen: 7.63 ng/uL

RT: 3.39 min Scan# 52

Delta R.T. -0.01 min

Lab File: BM012490.D

Acq: 27 Oct 2017 18:07

Instrument :

BNA\_M

ClientSampleId :

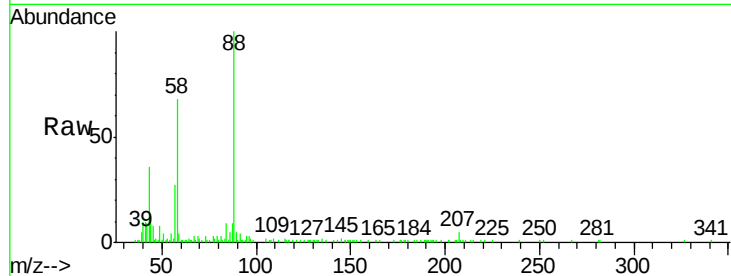
Tot Ion: 88 Resp: 81743

Ion Ratio Lower Upper

88 100

43 28.3 48.0 72.0#

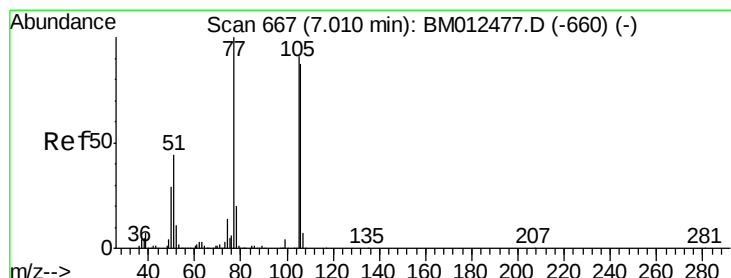
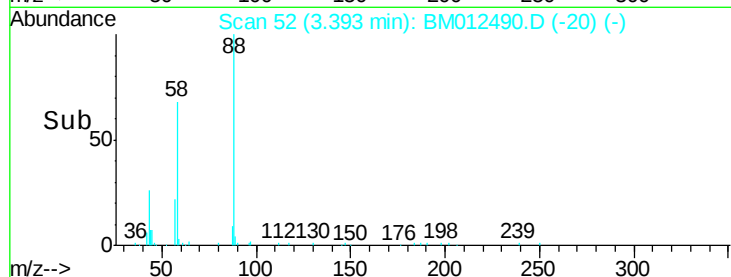
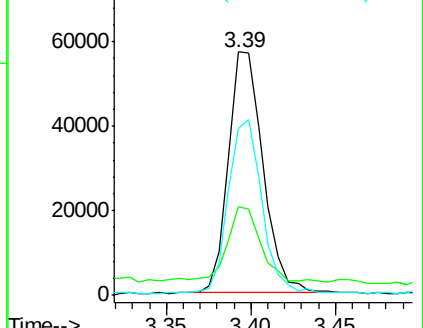
58 67.7 80.0 120.0#



Abundance Ion 88.00 (87.70 to 88.70): BM012477.D (-47) (-)

Ion 43.00 (42.70 to 43.70): BM012477.D (-47) (-)

Ion 58.00 (57.70 to 58.70): BM012477.D (-47) (-)



#4

Benzaldehyde

Concen: 22.72 ng/uL

RT: 7.02 min Scan# 669

Delta R.T. -0.00 min

Lab File: BM012490.D

Acq: 27 Oct 2017 18:07

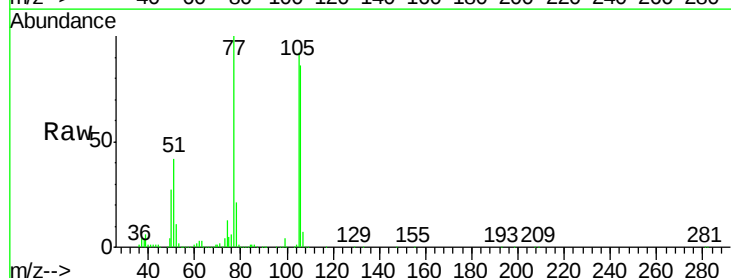
Tgt Ion: 77 Resp: 528766

Ion Ratio Lower Upper

77 100

105 92.3 66.1 99.1

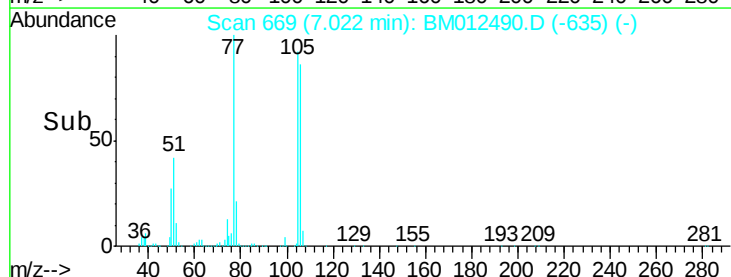
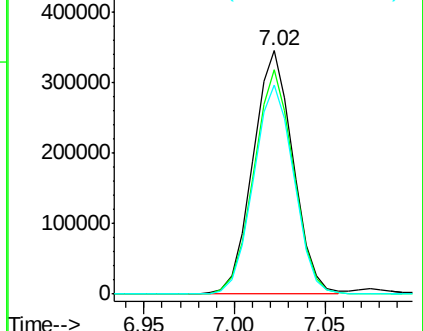
106 85.9 67.8 101.6

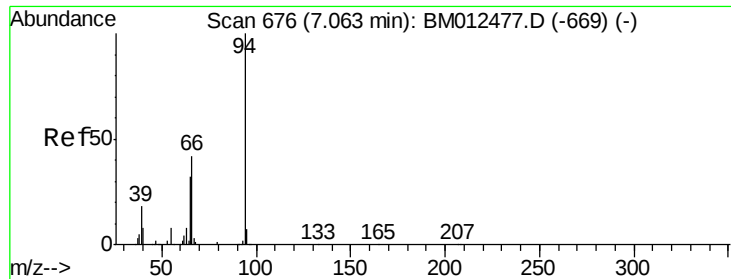


Abundance Ion 77.00 (76.70 to 77.70): BM012477.D (-660) (-)

Ion 105.00 (104.70 to 105.70): BM012477.D (-660) (-)

Ion 106.00 (105.70 to 106.70): BM012477.D (-660) (-)





#6

Phenol

Concen: 17.63 ng/ul

RT: 7.07 min Scan# 678

Delta R.T. -0.00 min

Lab File: BM012490.D

Acq: 27 Oct 2017 18:07

Instrument :

BNA\_M

ClientSampleId :

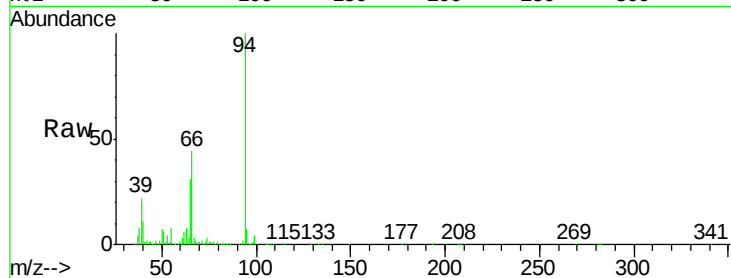
Tot Ion: 94 Resp: 785776

Ion Ratio Lower Upper

94 100

65 30.8 28.2 42.4

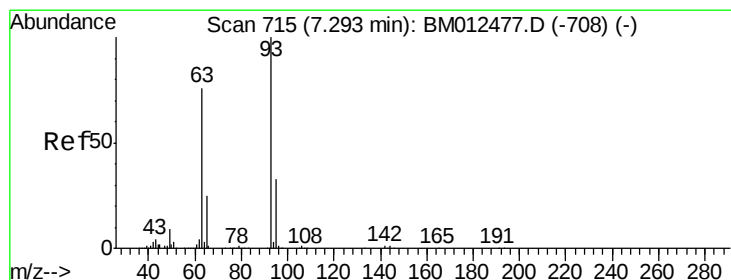
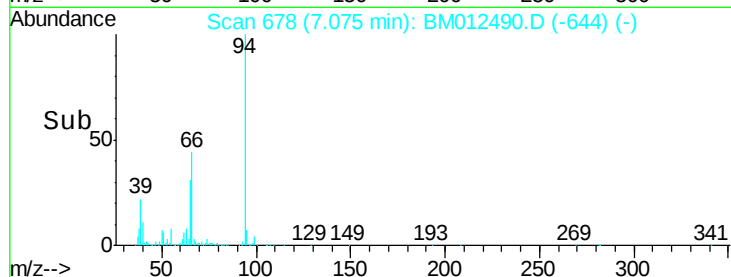
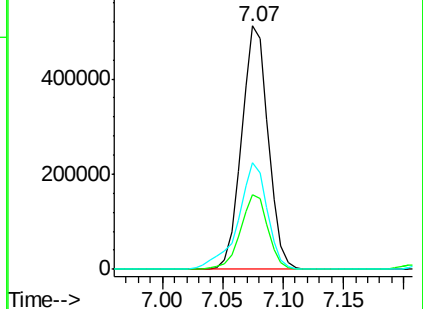
66 43.9 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM012477.D (-669) (-)

Ion 65.00 (64.70 to 65.70): BM012477.D (-669) (-)

Ion 66.00 (65.70 to 66.70): BM012477.D (-669) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 18.18 ng/ul

RT: 7.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BM012490.D

Acq: 27 Oct 2017 18:07

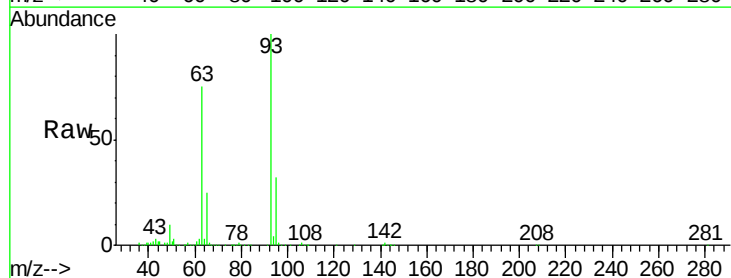
Tgt Ion: 93 Resp: 595758

Ion Ratio Lower Upper

93 100

63 75.4 57.3 85.9

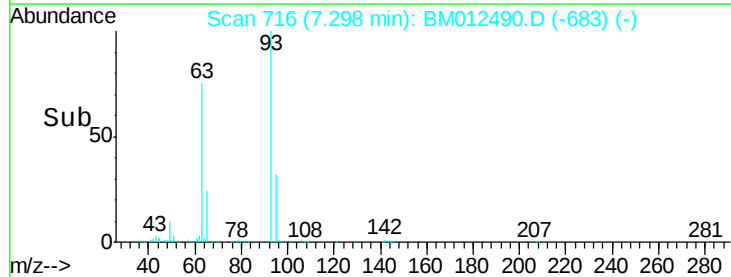
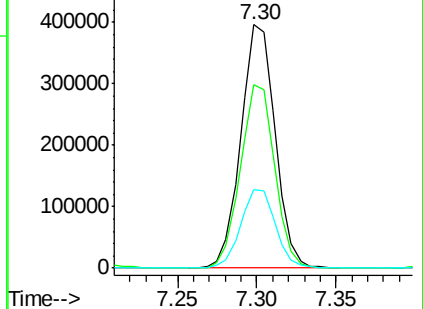
95 32.1 26.6 39.8

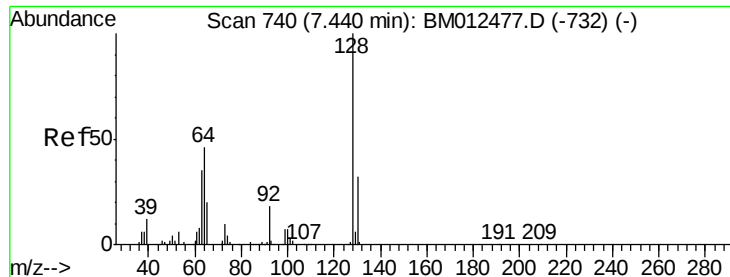


Abundance Ion 93.00 (92.70 to 93.70): BM012477.D (-708) (-)

Ion 63.00 (62.70 to 63.70): BM012477.D (-708) (-)

Ion 95.00 (94.70 to 95.70): BM012477.D (-708) (-)

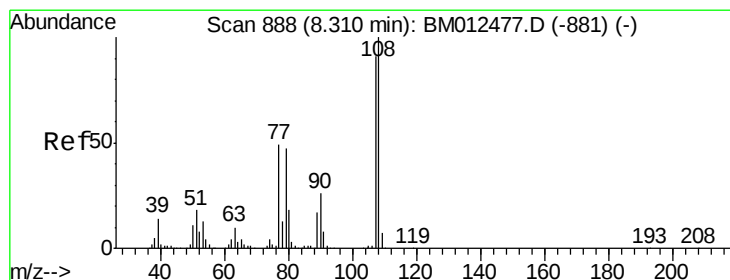
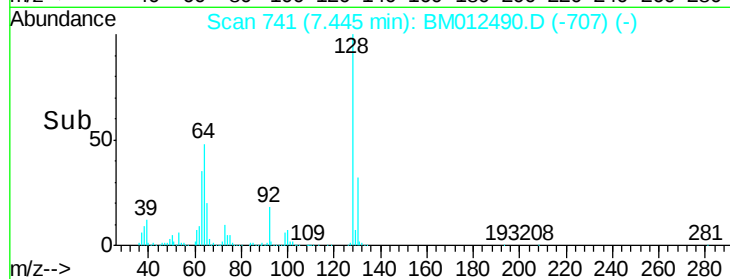
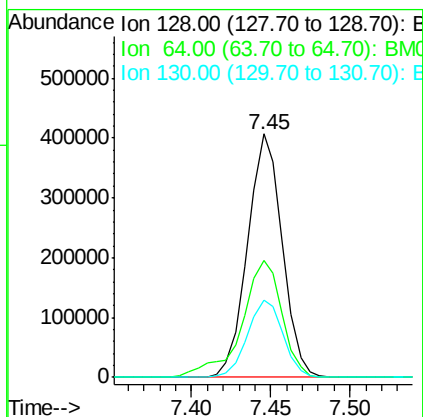
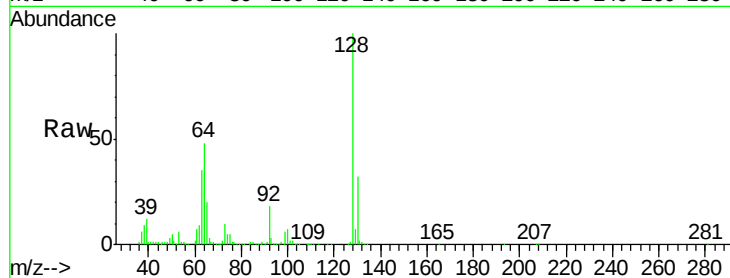




#10  
 2-Chlorophenol  
 Concen: 18.89 ng/ul  
 RT: 7.45 min Scan# 741  
 Delta R.T. -0.00 min  
 Lab File: BM012490.D  
 Acq: 27 Oct 2017 18:07

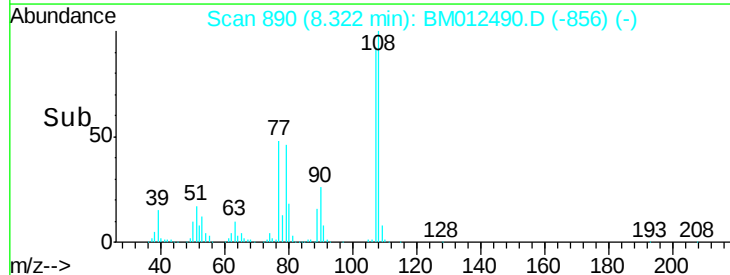
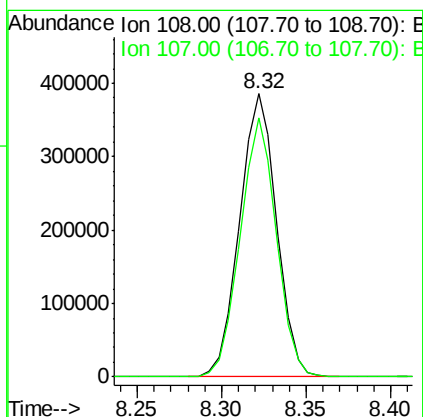
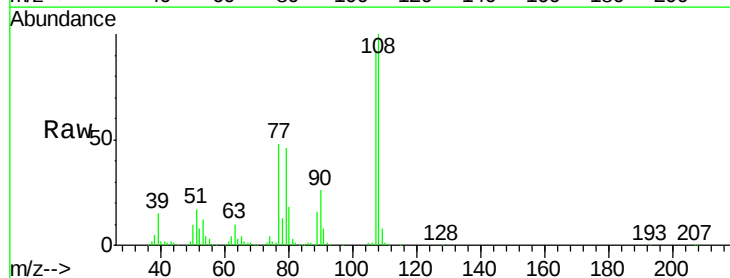
Instrument :  
 BNA\_M  
 ClientSampleId :

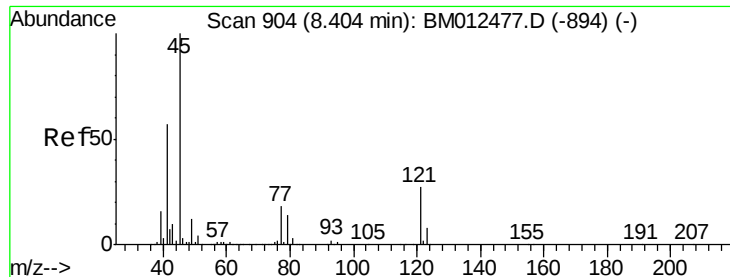
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 64      | 48.0  | 38.0  | 57.0  |
| 130     | 31.8  | 24.4  | 36.6  |



#11  
 2-Methylphenol  
 Concen: 17.48 ng/ul  
 RT: 8.32 min Scan# 890  
 Delta R.T. -0.00 min  
 Lab File: BM012490.D  
 Acq: 27 Oct 2017 18:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 108     | 100   |       |       |
| 107     | 91.7  | 72.6  | 108.8 |

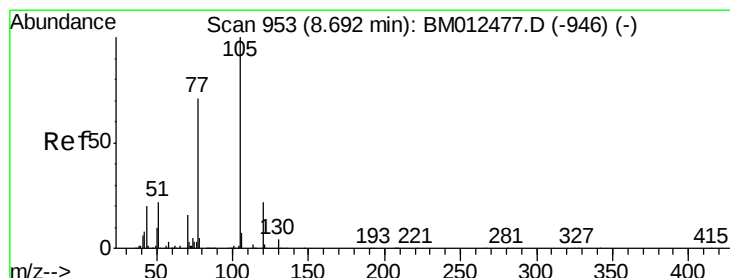
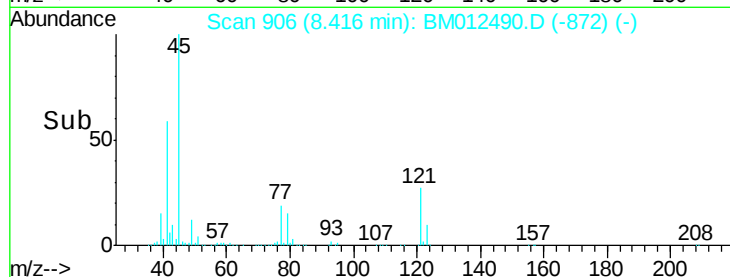
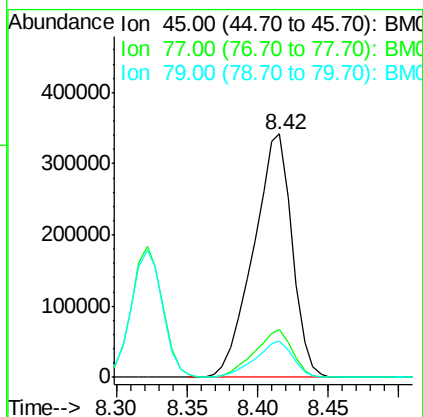
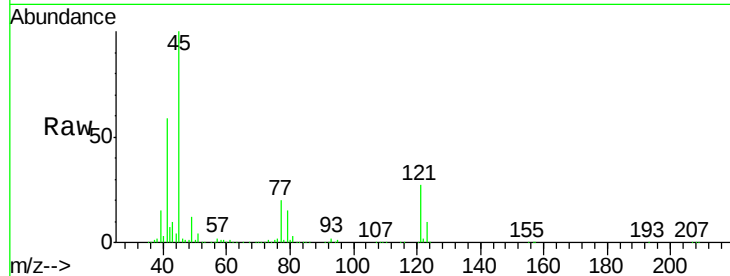




#12  
2,2'-oxvbis(1-Chloropropane)  
Concen: 18.18 ng/ul  
RT: 8.42 min Scan# 906  
Delta R.T. -0.00 min  
Lab File: BM012490.D  
Acq: 27 Oct 2017 18:07

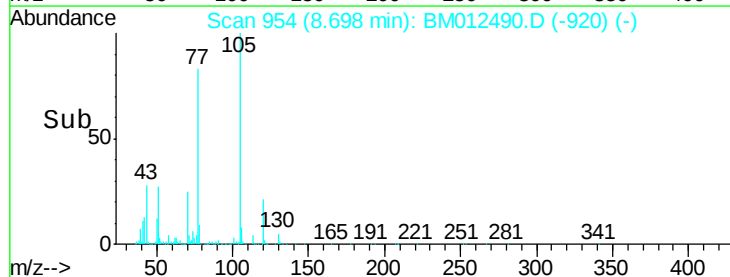
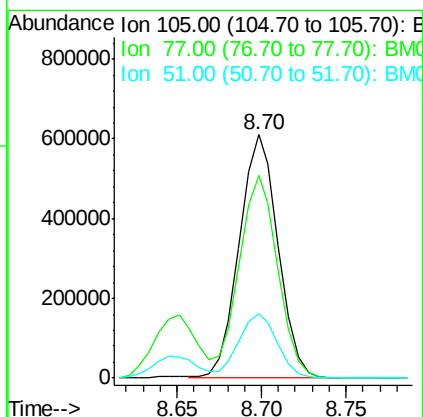
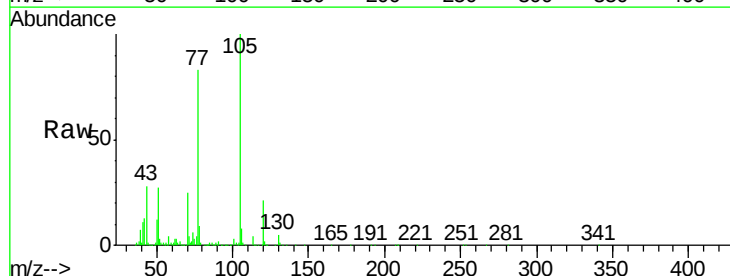
Instrument :  
BNA\_M  
ClientSampleId :

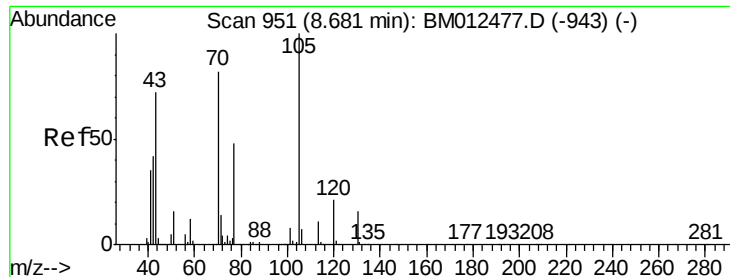
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 19.7  | 8.0   | 12.0# |
| 79      | 15.0  | 8.0   | 12.0# |



#14  
Acetophenone  
Concen: 16.81 ng/ul  
RT: 8.70 min Scan# 954  
Delta R.T. -0.00 min  
Lab File: BM012490.D  
Acq: 27 Oct 2017 18:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 77      | 83.4  | 74.2  | 111.4 |
| 51      | 26.6  | 23.4  | 35.2  |





#15

N-Nitroso-di-n-propylamine

Concen: 16.91 ng/ul

RT: 8.69 min Scan# 952

Delta R.T. -0.00 min

Lab File: BM012490.D

Acq: 27 Oct 2017 18:07

Instrument :

BNA\_M

ClientSampleId :

Tot Ion: 70 Resp: 530352

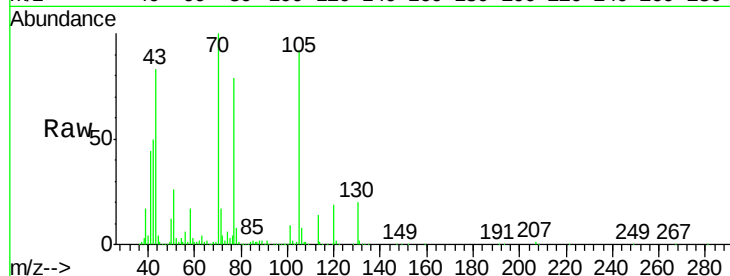
Ion Ratio Lower Upper

70 100

42 49.8 76.0 114.0#

101 9.4 6.7 10.1

130 20.3 14.6 22.0

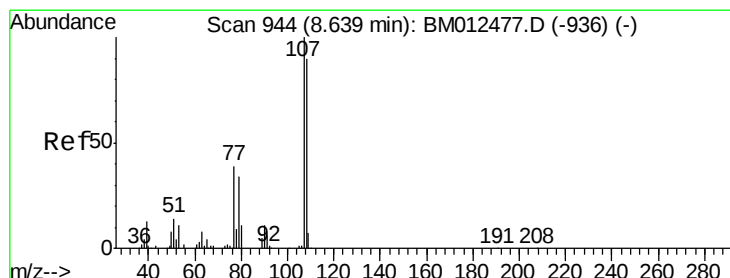
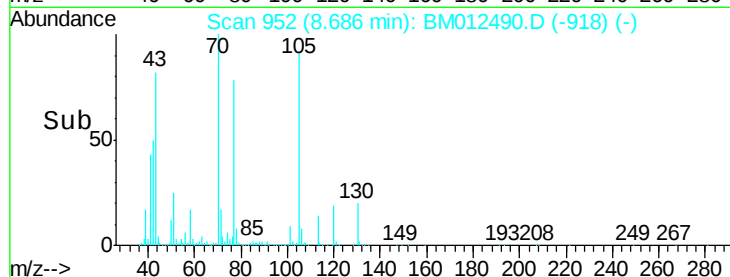
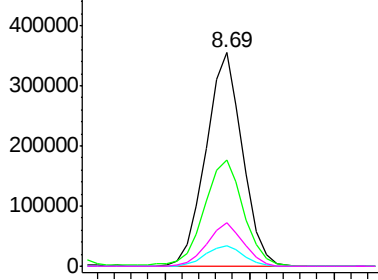


Abundance Ion 70.00 (69.70 to 70.70): BM012477.D (-943) (-)

Ion 42.00 (41.70 to 42.70): BM012477.D (-943) (-)

Ion 101.00 (100.70 to 101.70): BM012477.D (-943) (-)

Ion 130.00 (129.70 to 130.70): BM012477.D (-943) (-)



#16

4-Methylphenol

Concen: 17.24 ng/ul

RT: 8.65 min Scan# 946

Delta R.T. -0.00 min

Lab File: BM012490.D

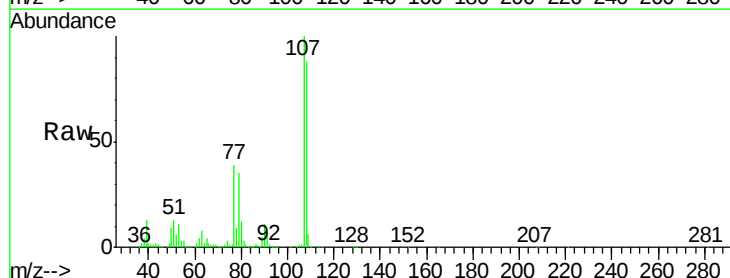
Acq: 27 Oct 2017 18:07

Tgt Ion: 108 Resp: 634067

Ion Ratio Lower Upper

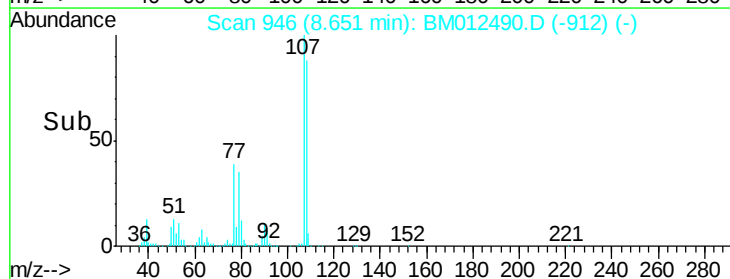
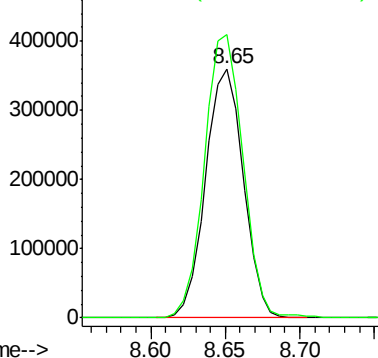
108 100

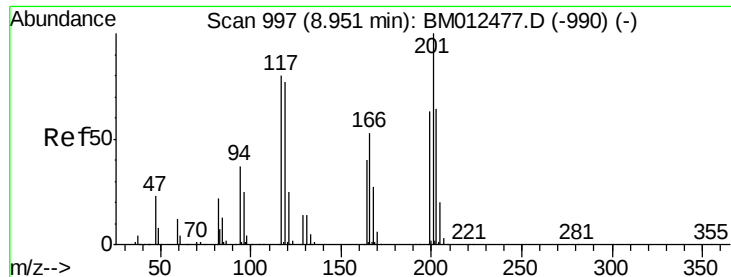
107 113.6 84.9 127.3



Abundance Ion 108.00 (107.70 to 108.70): BM012477.D (-936) (-)

Ion 107.00 (106.70 to 107.70): BM012477.D (-936) (-)

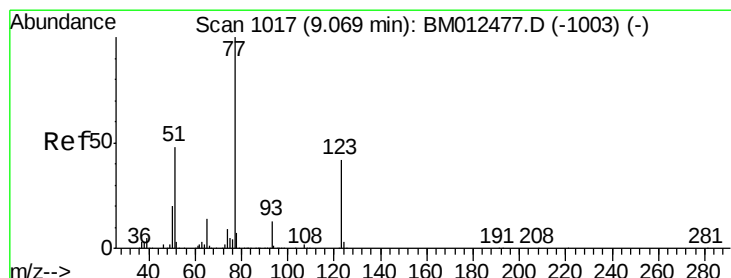
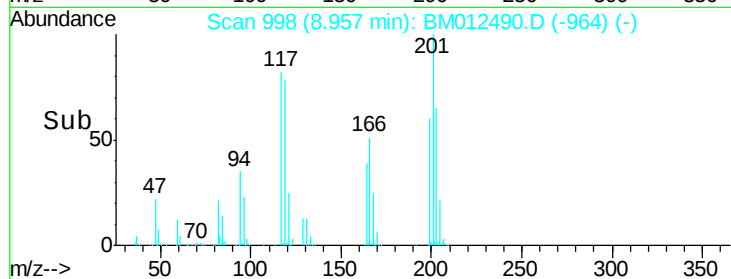
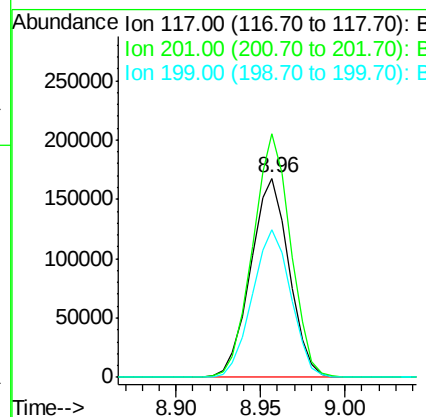
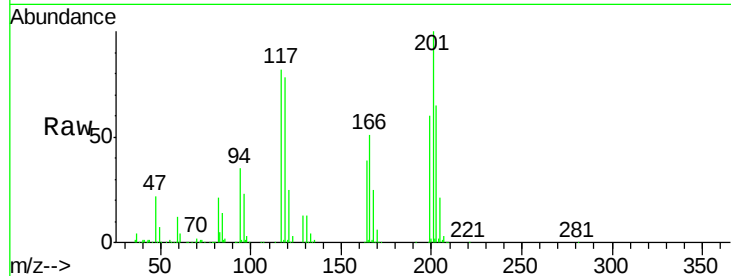




#17  
Hexachloroethane  
Concen: 19.12 ng/ul  
RT: 8.96 min Scan# 998  
Delta R.T. -0.00 min  
Lab File: BM012490.D  
Acq: 27 Oct 2017 18:07

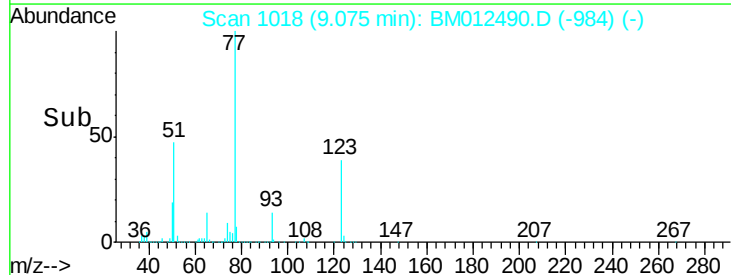
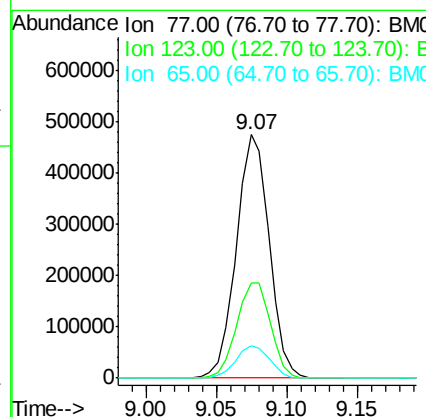
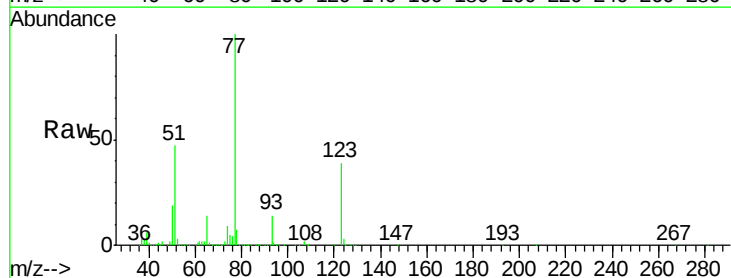
Instrument :  
BNA\_M  
ClientSampled :

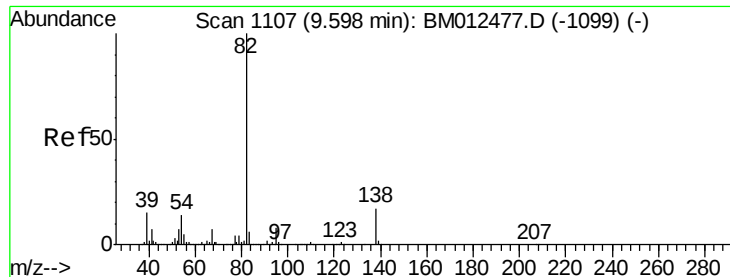
Tot Ion:117 Resp: 265790  
Ion Ratio Lower Upper  
117 100  
201 122.1 111.6 167.4  
199 73.7 67.8 101.6



#20  
Nitrobenzene  
Concen: 20.84 ng/ul  
RT: 9.07 min Scan# 1018  
Delta R.T. -0.00 min  
Lab File: BM012490.D  
Acq: 27 Oct 2017 18:07

Tgt Ion: 77 Resp: 764511  
Ion Ratio Lower Upper  
77 100  
123 38.9 31.0 46.6  
65 13.6 12.2 18.2





#21

Isophorone

Concen: 18.10 ng/ul

RT: 9.60 min Scan# 1108

Delta R.T. -0.00 min

Lab File: BM012490.D

Acq: 27 Oct 2017 18:07

Instrument :

BNA\_M

ClientSampleId :

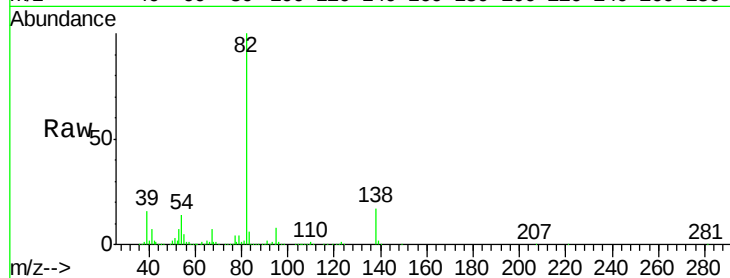
Tot Ion: 82 Resp: 1404750

Ion Ratio Lower Upper

82 100

95 7.9 7.8 11.8

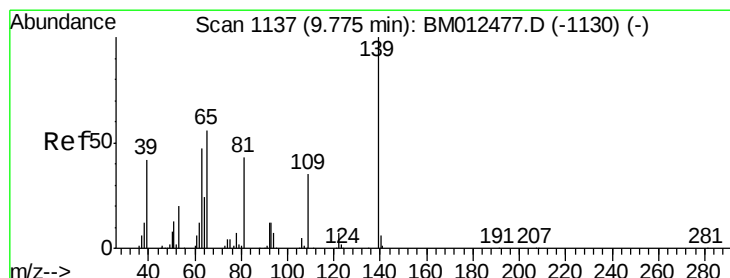
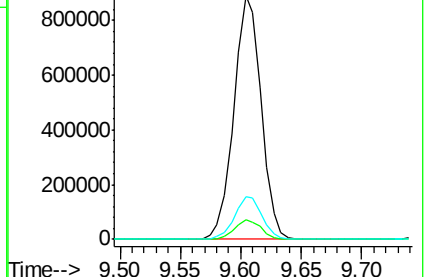
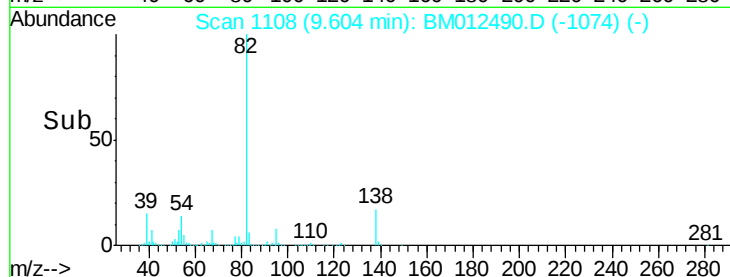
138 17.4 11.9 17.9



Abundance Ion 82.00 (81.70 to 82.70): BM012490.D (-1074) (-)

Ion 95.00 (94.70 to 95.70): BM012490.D (-1074) (-)

Ion 138.00 (137.70 to 138.70): BM012490.D (-1074) (-)



#23

2-Nitrophenol

Concen: 24.78 ng/ul

RT: 9.79 min Scan# 1139

Delta R.T. -0.00 min

Lab File: BM012490.D

Acq: 27 Oct 2017 18:07

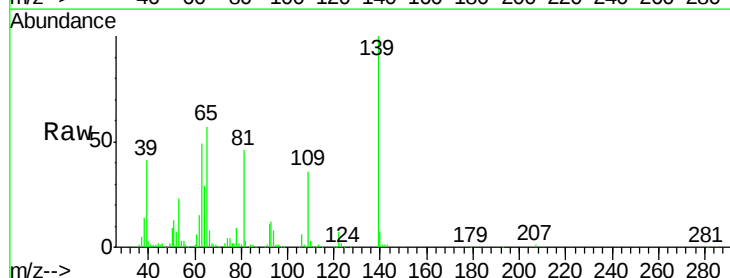
Tgt Ion: 139 Resp: 361227

Ion Ratio Lower Upper

139 100

65 56.9 55.4 83.0

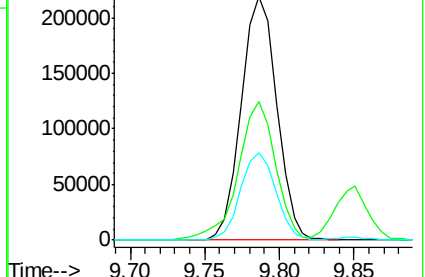
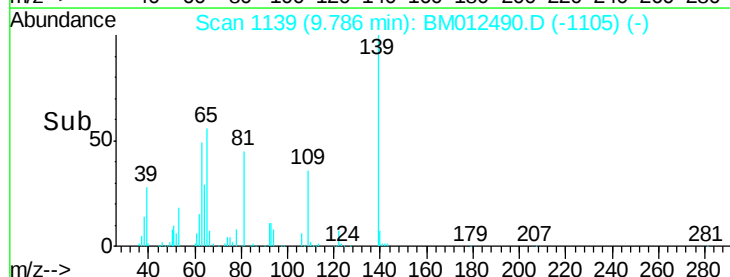
109 35.9 42.2 63.2#

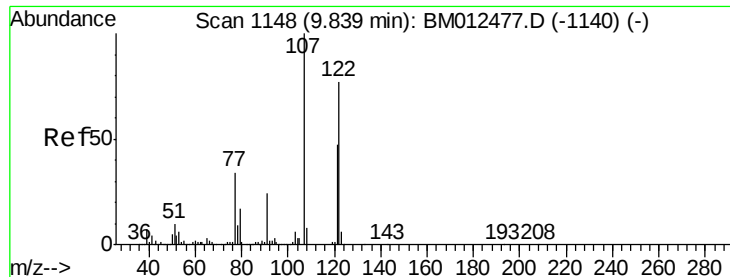


Abundance Ion 139.00 (138.70 to 139.70): BM012490.D (-1105) (-)

Ion 65.00 (64.70 to 65.70): BM012490.D (-1105) (-)

Ion 109.00 (108.70 to 109.70): BM012490.D (-1105) (-)

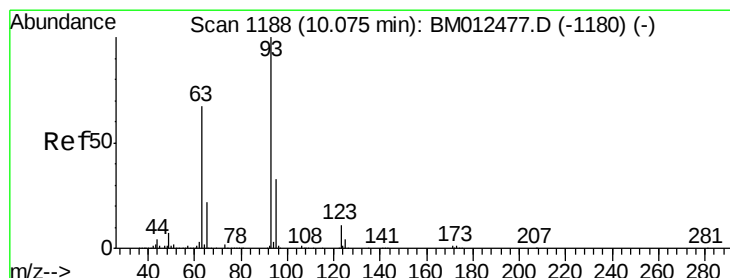
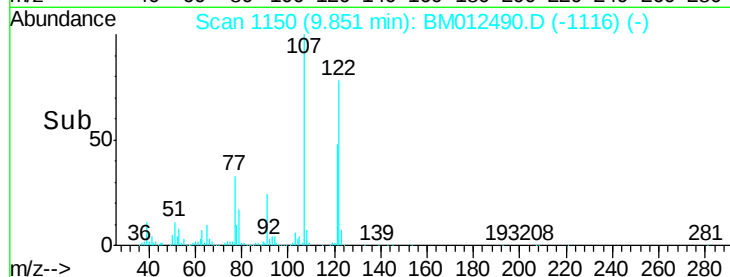
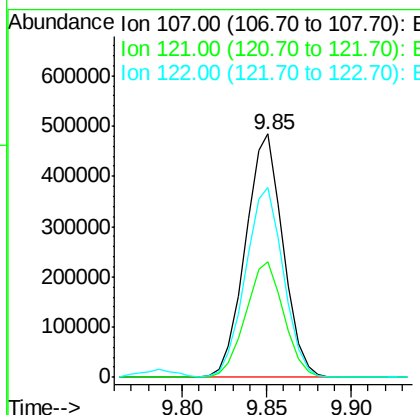
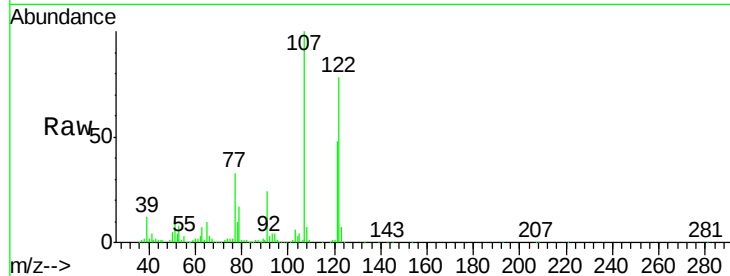




#24  
 2,4-Dimethylphenol  
 Concen: 18.21 ng/ul  
 RT: 9.85 min Scan# 1150  
 Delta R.T. -0.00 min  
 Lab File: BM012490.D  
 Acq: 27 Oct 2017 18:07

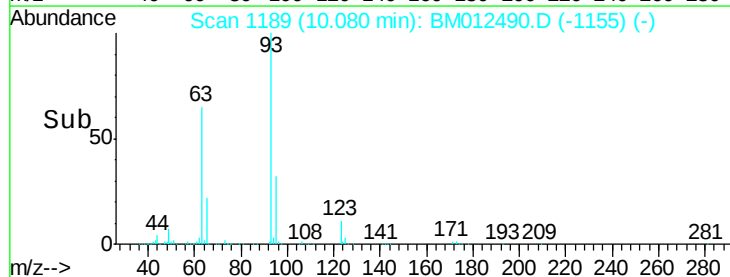
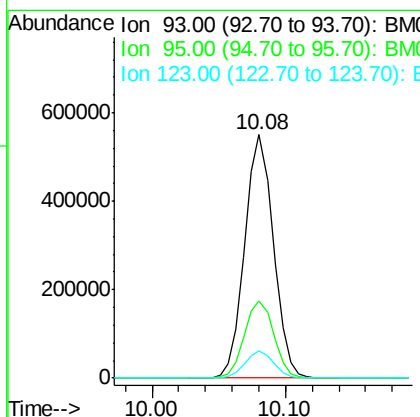
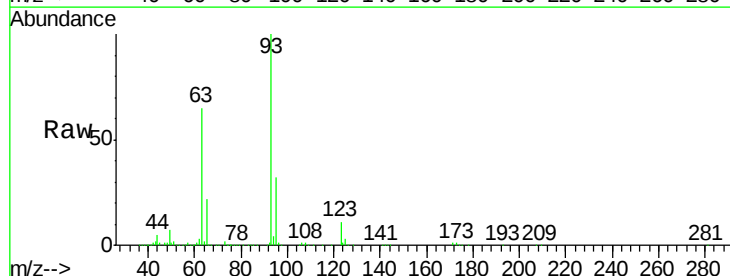
Instrument :  
 BNA\_M  
 ClientSampleId :

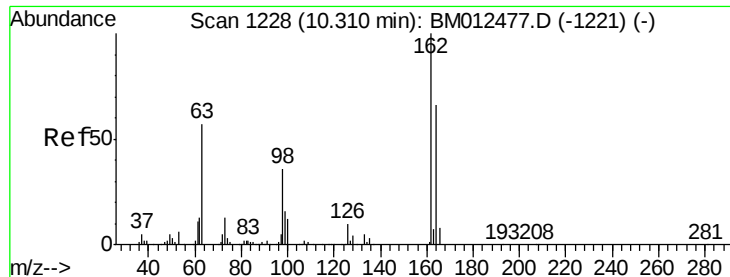
Tot Ion:107 Resp: 746682  
 Ion Ratio Lower Upper  
 107 100  
 121 47.6 31.9 47.9  
 122 77.9 57.8 86.6



#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 18.69 ng/ul  
 RT: 10.08 min Scan# 1189  
 Delta R.T. -0.00 min  
 Lab File: BM012490.D  
 Acq: 27 Oct 2017 18:07

Tgt Ion: 93 Resp: 815434  
 Ion Ratio Lower Upper  
 93 100  
 95 32.0 28.5 42.7  
 123 11.0 8.9 13.3

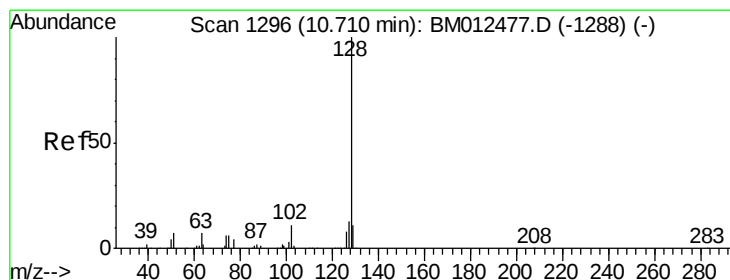
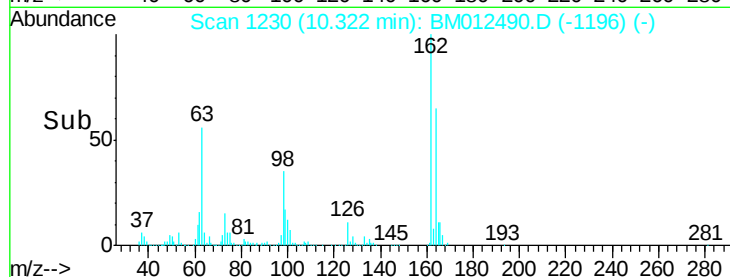
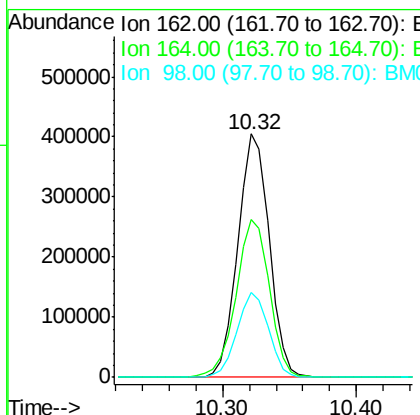
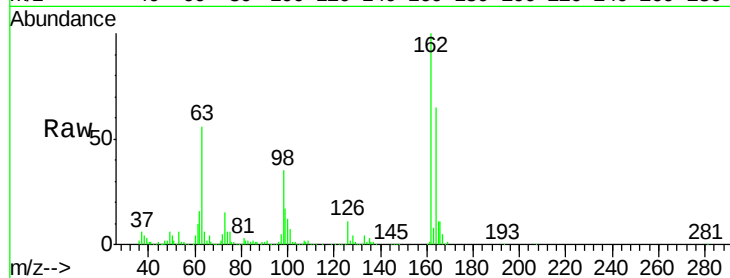




#27  
 2,4-Dichlorophenol  
 Concen: 19.42 ng/ul  
 RT: 10.32 min Scan# 1230  
 Delta R.T. -0.00 min  
 Lab File: BM012490.D  
 Acq: 27 Oct 2017 18:07

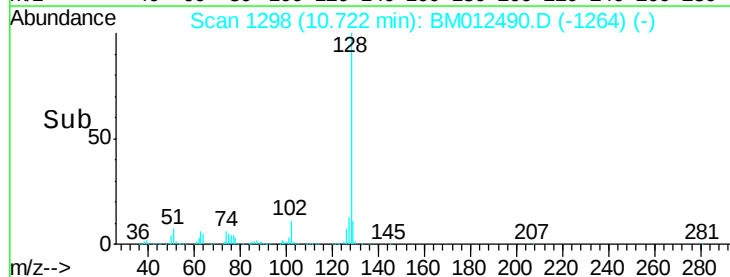
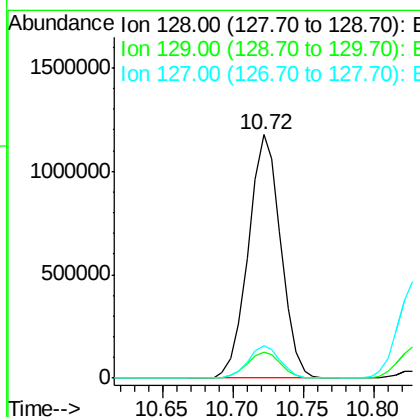
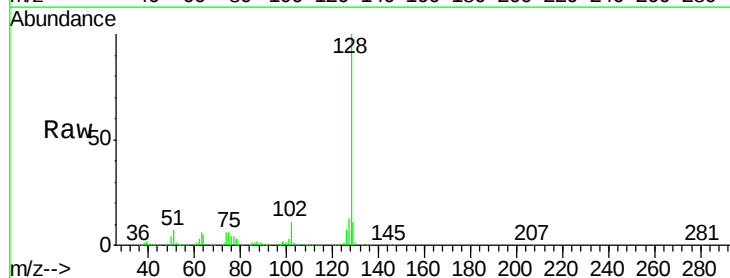
Instrument :  
 BNA\_M  
 ClientSampleId :

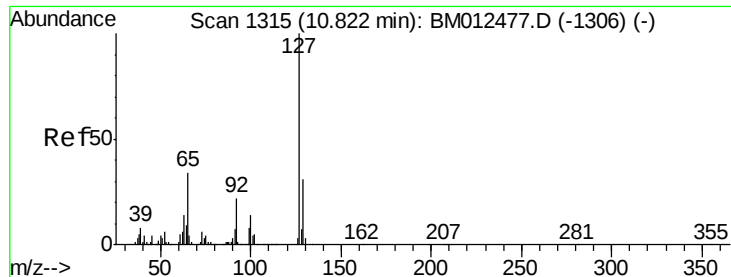
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.6  | 47.8  | 71.6  |
| 98      | 35.1  | 23.0  | 34.4  |



#28  
 Naphthalene  
 Concen: 18.86 ng/ul  
 RT: 10.72 min Scan# 1298  
 Delta R.T. -0.00 min  
 Lab File: BM012490.D  
 Acq: 27 Oct 2017 18:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.5  | 8.8   | 13.2  |
| 127     | 13.4  | 10.6  | 16.0  |

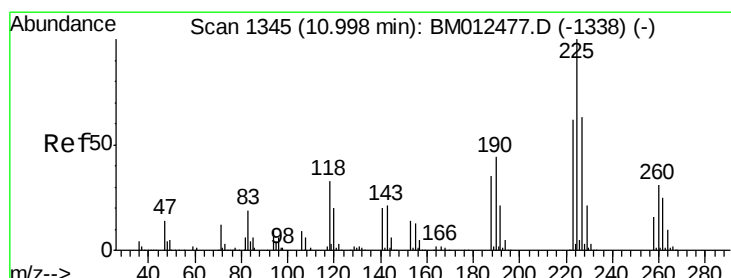
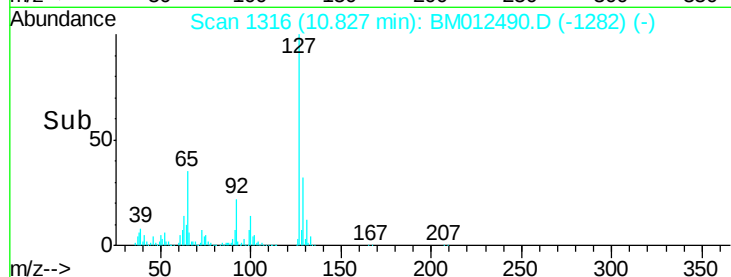
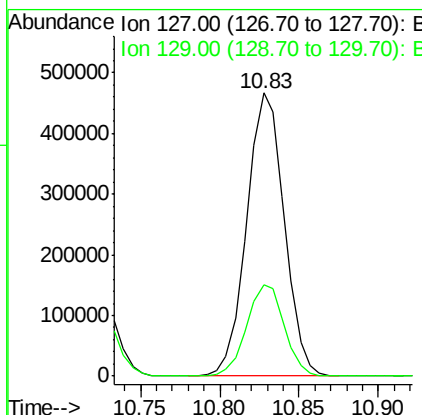
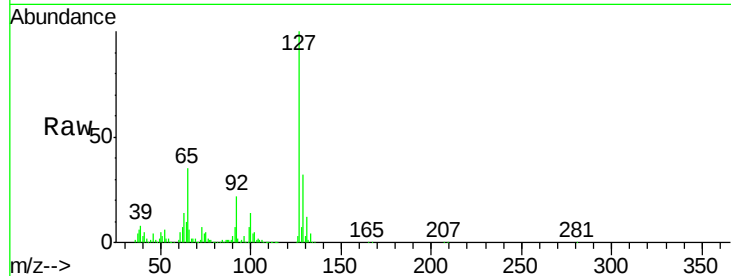




#30  
4-Chloroaniline  
Concen: 20.80 ng/ul  
RT: 10.83 min Scan# 1316  
Delta R.T. -0.00 min  
Lab File: BM012490.D  
Acq: 27 Oct 2017 18:07

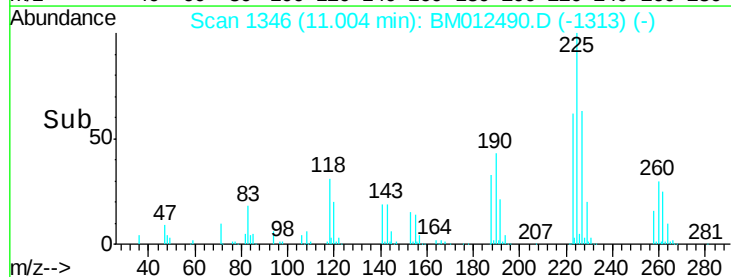
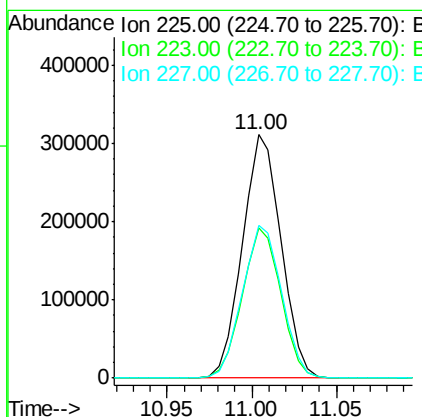
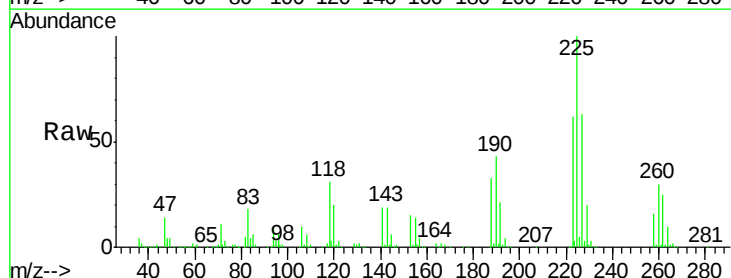
Instrument :  
BNA\_M  
ClientSampleId :

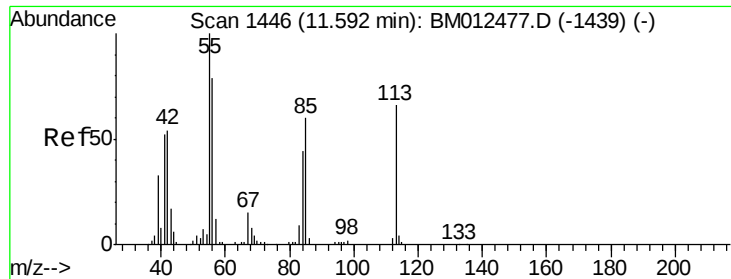
Tot Ion:127 Resp: 767534  
Ion Ratio Lower Upper  
127 100  
129 32.1 28.4 42.6



#31  
Hexachlorobutadiene  
Concen: 19.11 ng/ul  
RT: 11.00 min Scan# 1346  
Delta R.T. -0.01 min  
Lab File: BM012490.D  
Acq: 27 Oct 2017 18:07

Tgt Ion:225 Resp: 496948  
Ion Ratio Lower Upper  
225 100  
223 61.8 49.4 74.2  
227 63.0 45.4 68.2





#32

Caprolactam

Concen: 18.24 ng/ul

RT: 11.60 min Scan# 1448

Delta R.T. -0.00 min

Lab File: BM012490.D

Acq: 27 Oct 2017 18:07

Instrument :

BNA\_M

ClientSampleId :

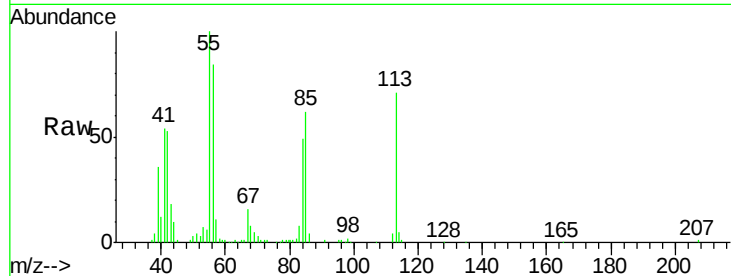
Tot Ion:113 Resp: 200207

Ion Ratio Lower Upper

113 100

55 140.2 208.0 312.0#

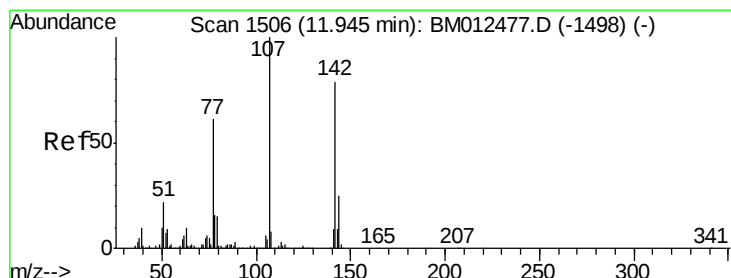
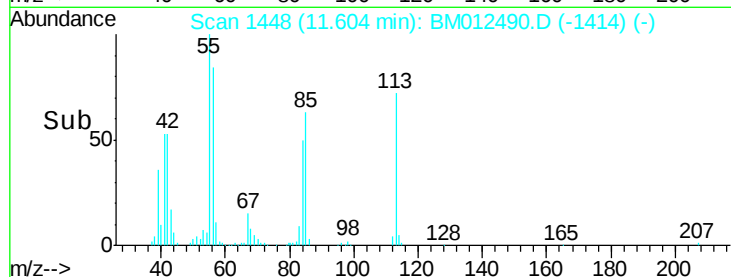
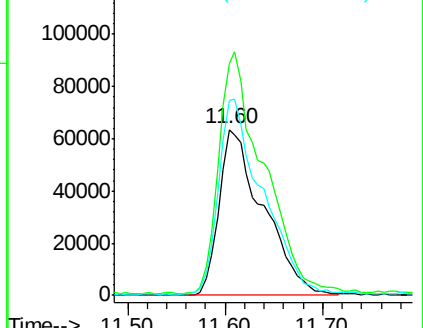
56 117.2 160.0 240.0#



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: 17.68 ng/ul

RT: 11.96 min Scan# 1508

Delta R.T. -0.00 min

Lab File: BM012490.D

Acq: 27 Oct 2017 18:07

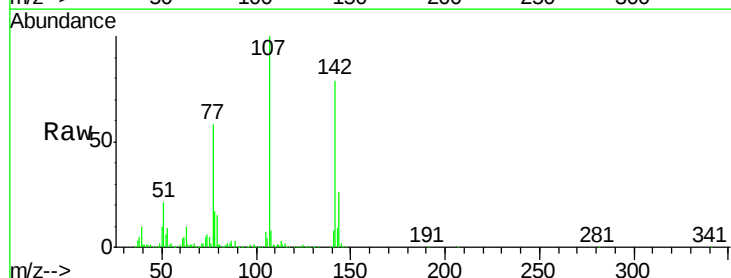
Tgt Ion:107 Resp: 673238

Ion Ratio Lower Upper

107 100

144 26.0 20.4 30.6

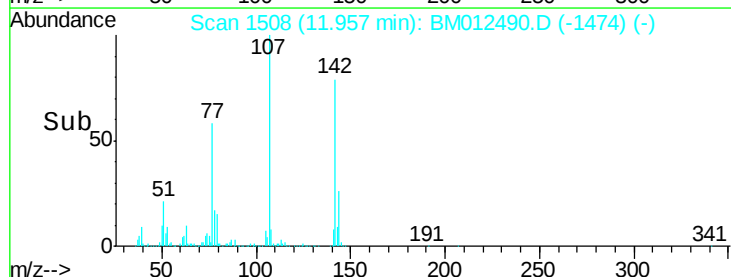
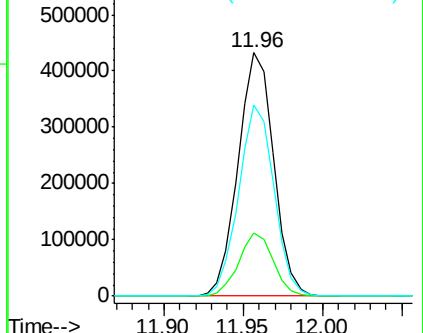
142 78.5 60.5 90.7

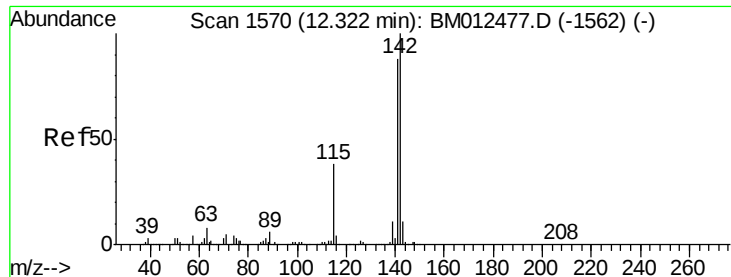


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 17.93 ng/ul

RT: 12.33 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BM012490.D

Acq: 27 Oct 2017 18:07

Instrument :

BNA\_M

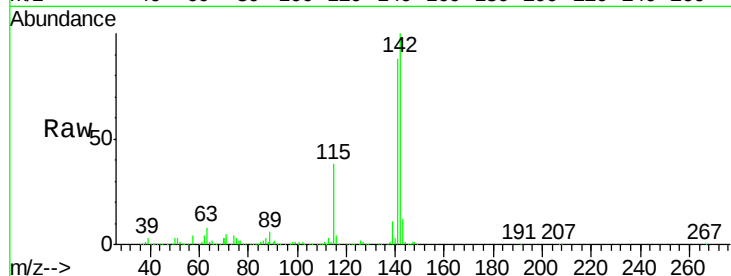
ClientSampled :

Tot Ion:142 Resp: 1467574

Ion Ratio Lower Upper

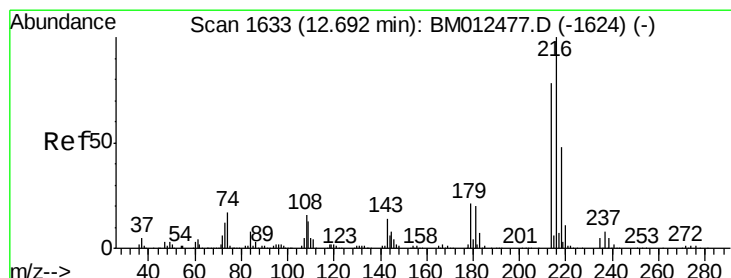
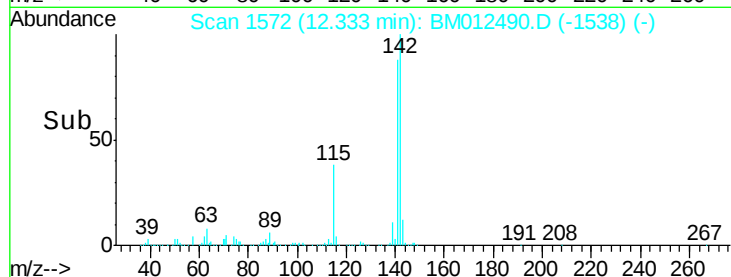
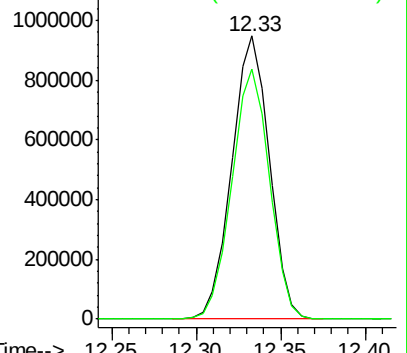
142 100

141 88.4 74.1 111.1



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: 19.71 ng/ul

RT: 12.70 min Scan# 1635

Delta R.T. -0.00 min

Lab File: BM012490.D

Acq: 27 Oct 2017 18:07

Tgt Ion:216 Resp: 864402

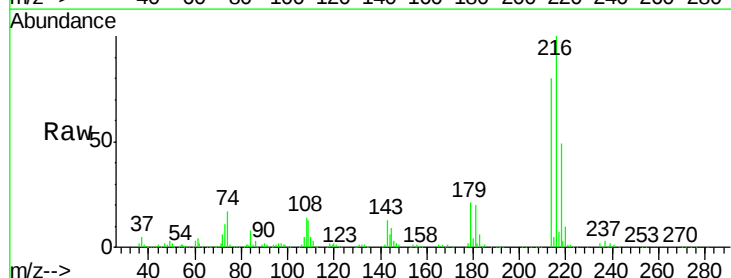
Ion Ratio Lower Upper

216 100

214 80.3 60.6 90.8

179 21.2 17.5 26.3

108 14.3 11.3 16.9

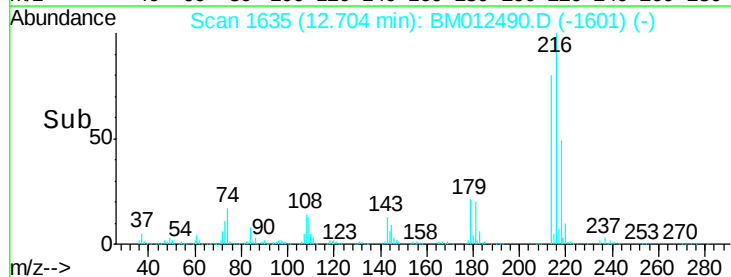
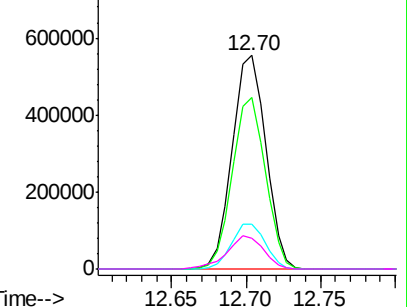


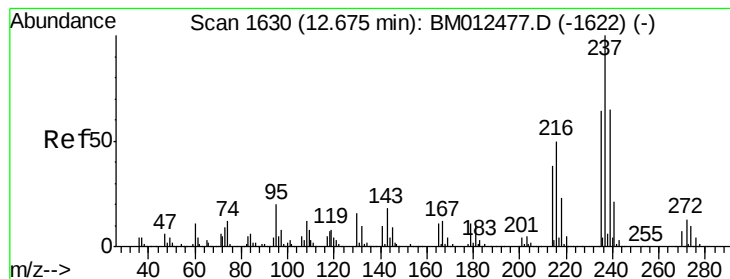
Abundance Ion 216.00 (215.70 to 216.70): E

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: 17.23 ng/ul

RT: 12.68 min Scan# 1631

Delta R.T. -0.00 min

Lab File: BM012490.D

Acq: 27 Oct 2017 18:07

Instrument :

BNA\_M

ClientSampleId :

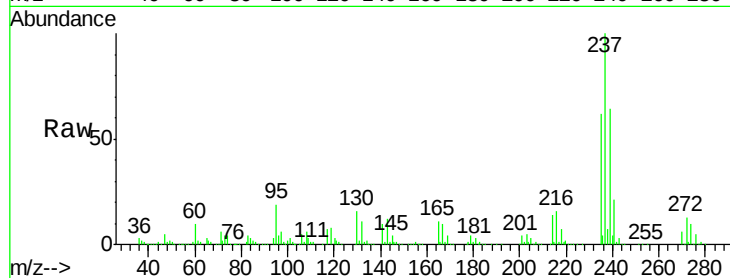
Tot Ion:237 Resp: 487930

Ion Ratio Lower Upper

237 100

235 61.8 50.2 75.4

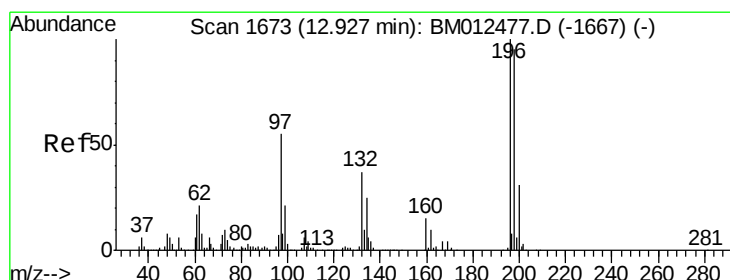
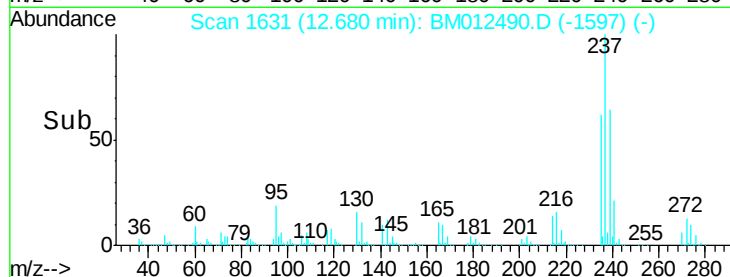
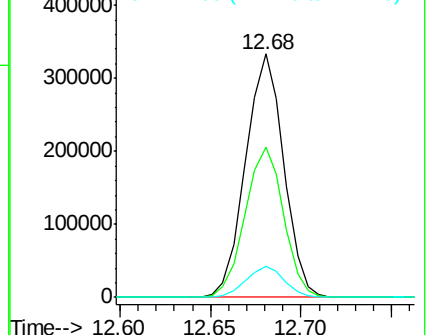
272 12.7 11.0 16.6



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: 21.82 ng/ul

RT: 12.94 min Scan# 1676

Delta R.T. 0.01 min

Lab File: BM012490.D

Acq: 27 Oct 2017 18:07

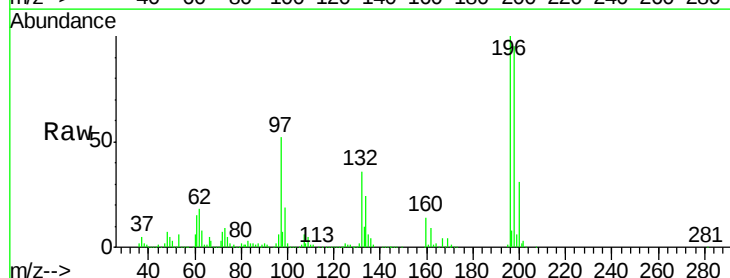
Tgt Ion:196 Resp: 573165

Ion Ratio Lower Upper

196 100

198 94.7 74.1 111.1

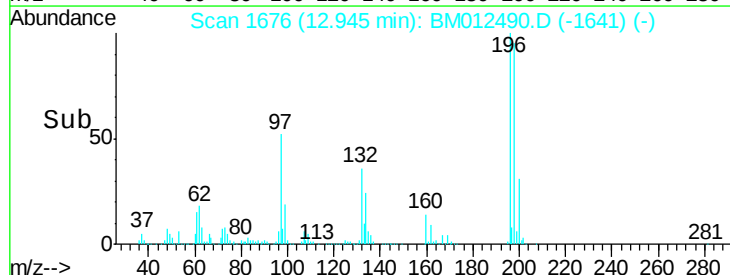
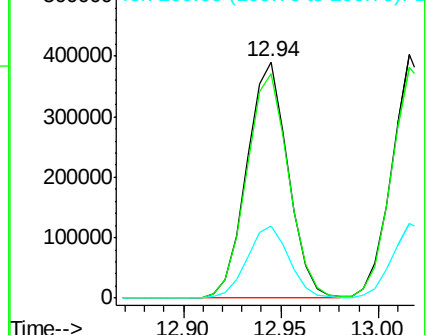
200 30.8 25.2 37.8

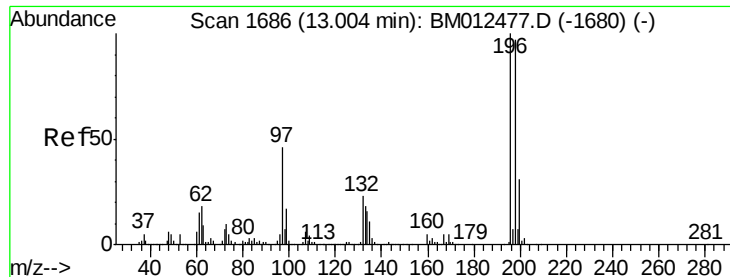


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

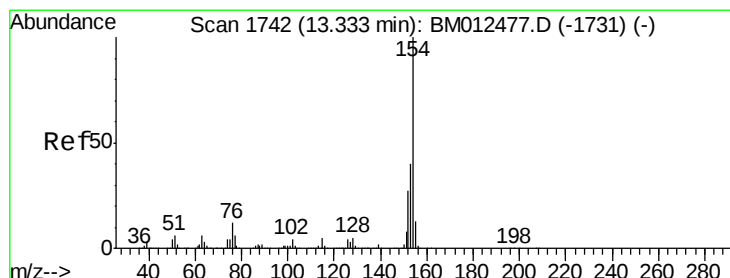
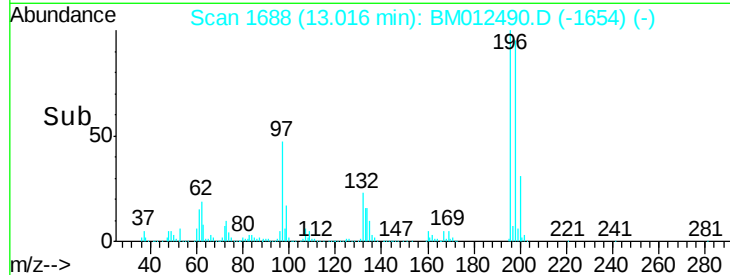
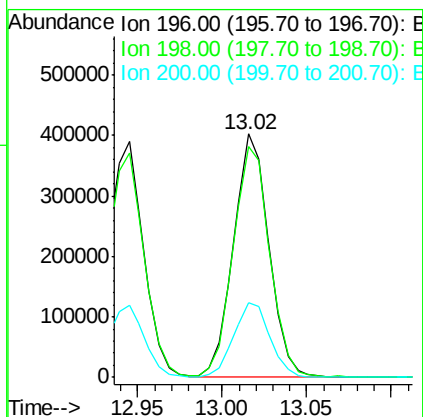
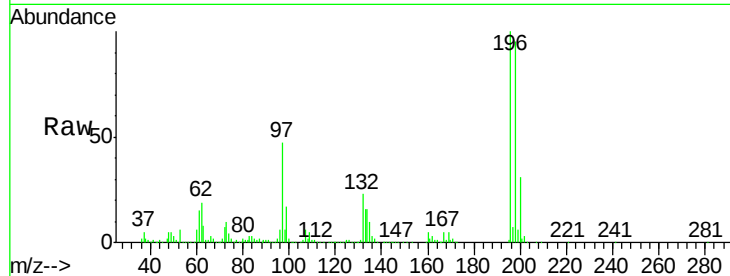




#39  
 2,4,5-Trichlorophenol  
 Concen: 21.05 ng/ul  
 RT: 13.02 min Scan# 1688  
 Delta R.T. -0.00 min  
 Lab File: BM012490.D  
 Acq: 27 Oct 2017 18:07

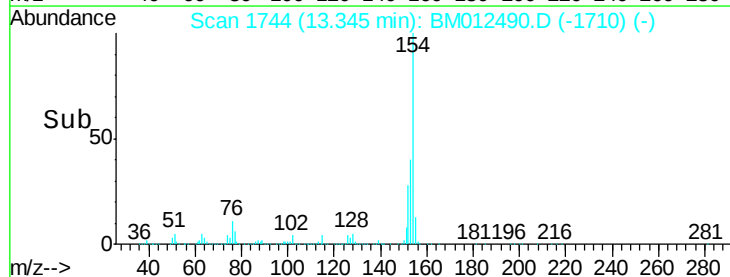
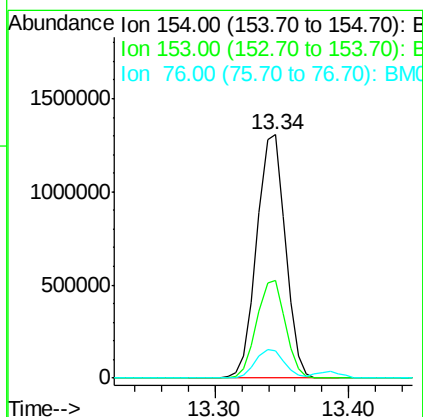
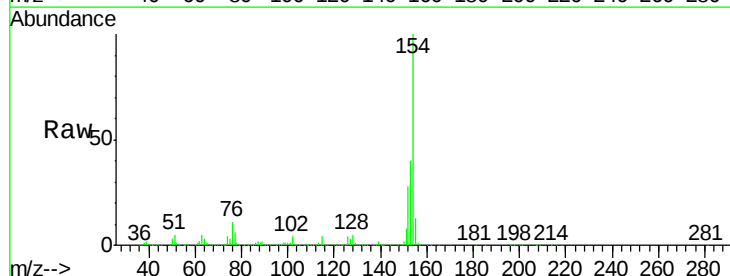
Instrument :  
 BNA\_M  
 ClientSampled :

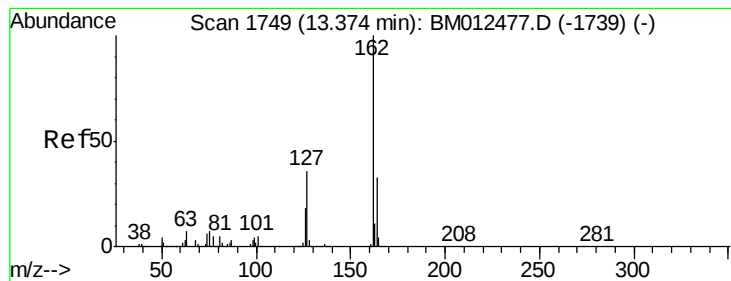
Tot Ion:196 Resp: 586189  
 Ion Ratio Lower Upper  
 196 100  
 198 95.0 75.6 113.4  
 200 30.5 25.5 38.3



#40  
 1,1'-Biphenyl  
 Concen: 19.56 ng/ul  
 RT: 13.34 min Scan# 1744  
 Delta R.T. -0.00 min  
 Lab File: BM012490.D  
 Acq: 27 Oct 2017 18:07

Tgt Ion:154 Resp: 1933003  
 Ion Ratio Lower Upper  
 154 100  
 153 39.9 32.6 48.8  
 76 11.5 8.5 12.7





#41

2-Chloronaphthalene

Concen: 19.52 ng/ul

RT: 13.39 min Scan# 1751

Delta R.T. -0.00 min

Lab File: BM012490.D

Acq: 27 Oct 2017 18:07

Instrument :

BNA\_M

ClientSampleId :

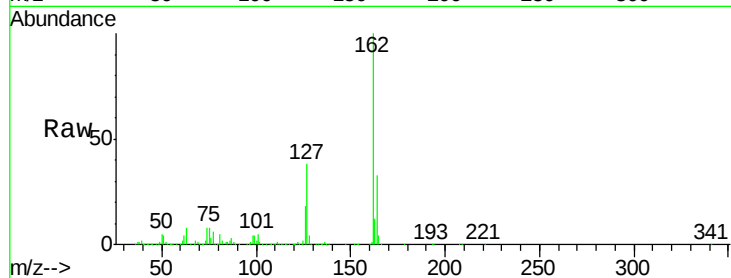
Tot Ion:162 Resp: 1512886

Ion Ratio Lower Upper

162 100

164 32.8 25.9 38.9

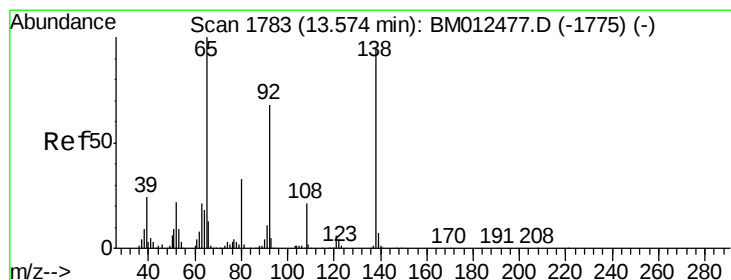
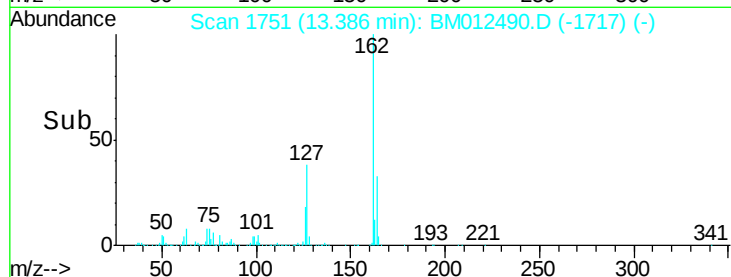
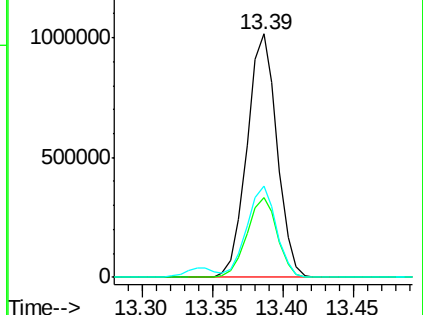
127 37.6 29.4 44.2



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: 24.88 ng/ul

RT: 13.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BM012490.D

Acq: 27 Oct 2017 18:07

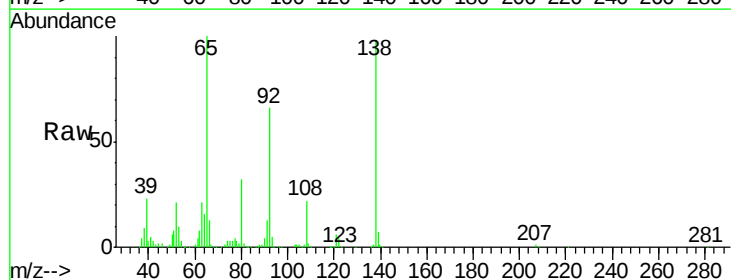
Tgt Ion: 65 Resp: 448450

Ion Ratio Lower Upper

65 100

92 66.2 51.8 77.6

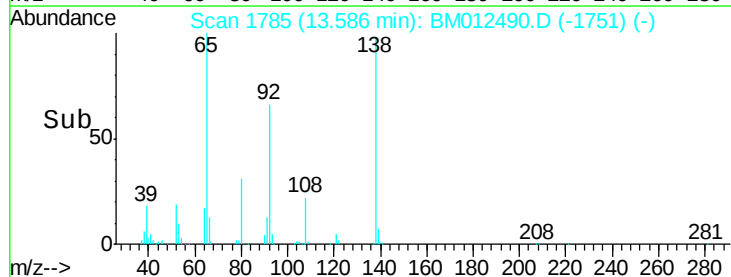
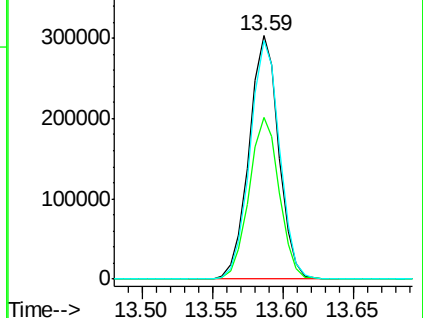
138 98.1 74.2 111.4

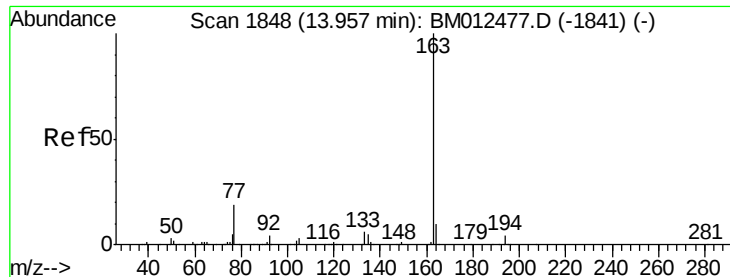


Abundance Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E

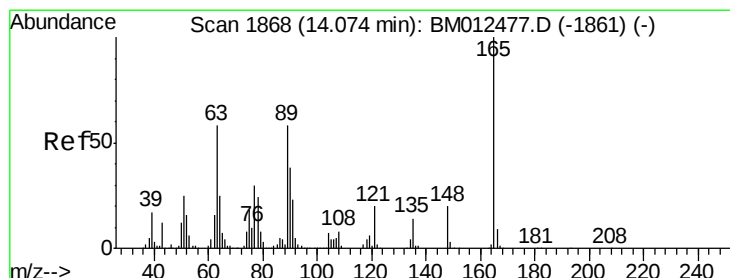
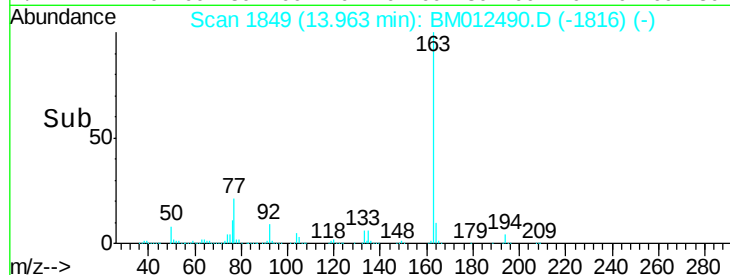
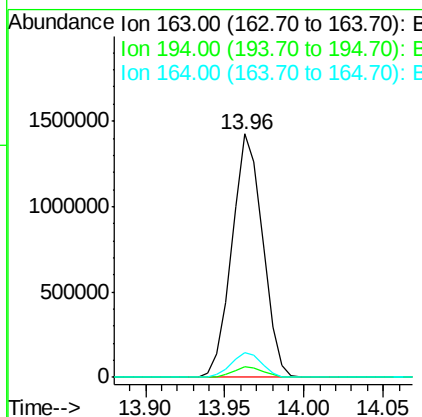
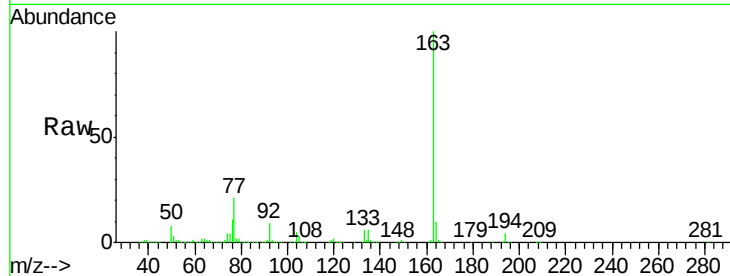




#44  
Dimethylphthalate  
Concen: 17.88 ng/ul  
RT: 13.96 min Scan# 1849  
Delta R.T. -0.01 min  
Lab File: BM012490.D  
Acq: 27 Oct 2017 18:07

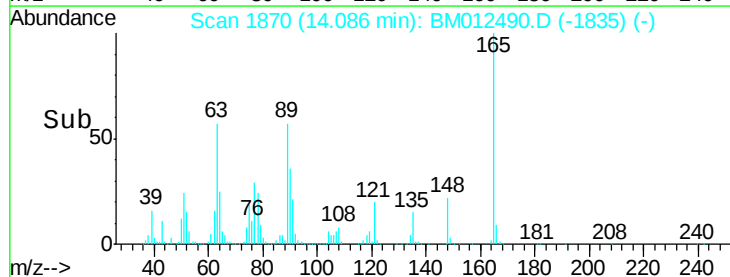
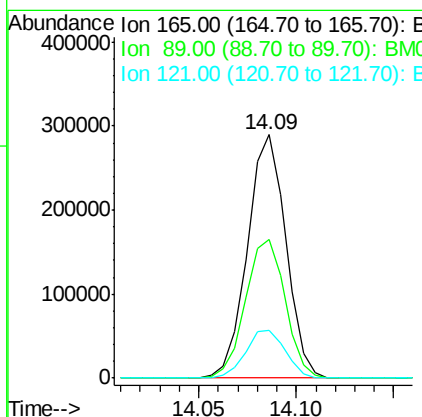
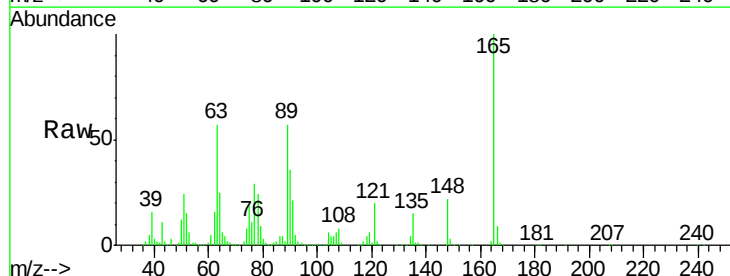
Instrument :  
BNA\_M  
ClientSampleId :

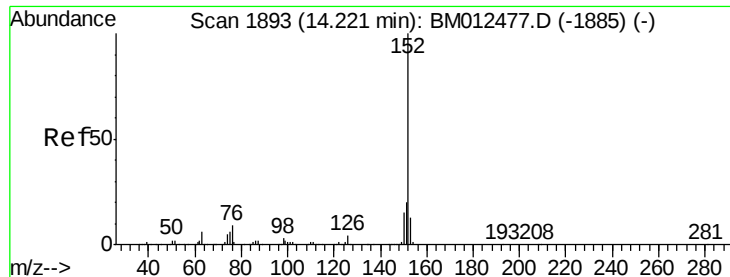
Tot Ion:163 Resp: 1913891  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.5 5.3  
164 10.3 8.2 12.4



#45  
2,6-Dinitrotoluene  
Concen: 23.24 ng/ul  
RT: 14.09 min Scan# 1870  
Delta R.T. 0.01 min  
Lab File: BM012490.D  
Acq: 27 Oct 2017 18:07

Tgt Ion:165 Resp: 395369  
Ion Ratio Lower Upper  
165 100  
89 57.1 52.6 79.0  
121 19.9 14.6 22.0





#47

Acenaphthylene

Concen: 19.00 ng/ul

RT: 14.23 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BM012490.D

Acq: 27 Oct 2017 18:07

Instrument :

BNA\_M

ClientSampleId :

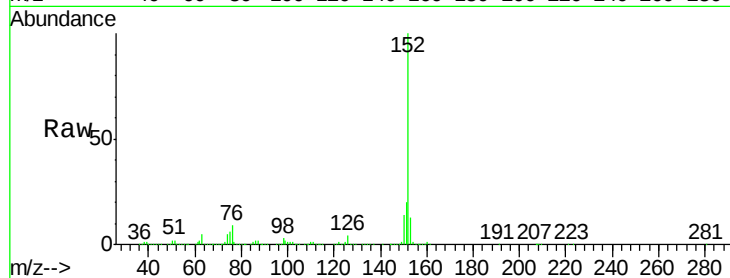
Tot Ion:152 Resp: 2321064

Ion Ratio Lower Upper

152 100

151 20.0 16.3 24.5

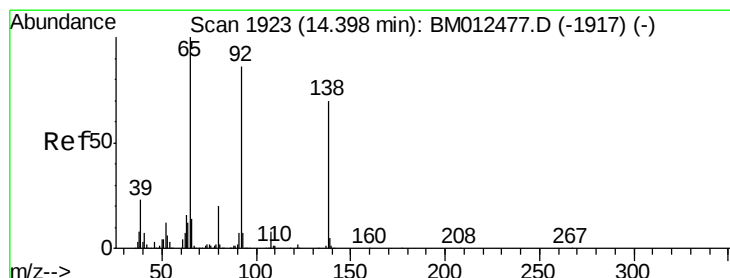
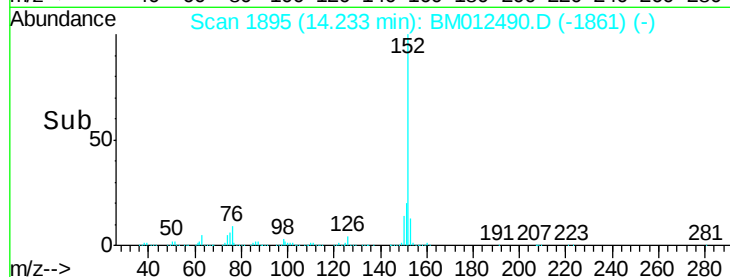
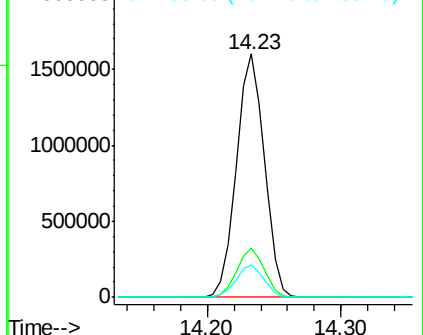
153 13.3 10.2 15.4



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



#48

3-Nitroaniline

Concen: 22.69 ng/ul

RT: 14.41 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BM012490.D

Acq: 27 Oct 2017 18:07

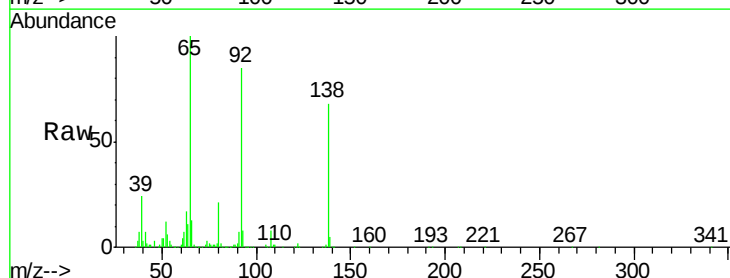
Tgt Ion:138 Resp: 361602

Ion Ratio Lower Upper

138 100

108 11.5 9.9 14.9

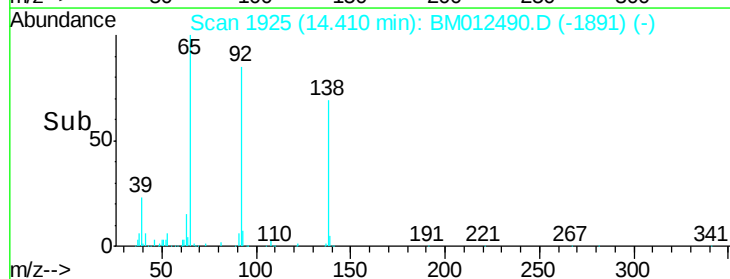
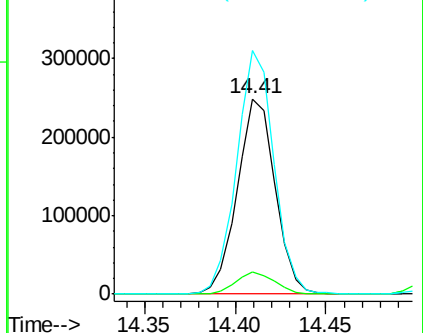
92 124.6 105.0 157.4

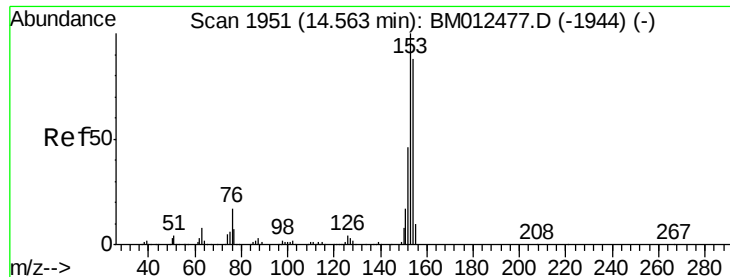


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 18.67 ng/ul

RT: 14.57 min Scan# 1953

Delta R.T. -0.00 min

Lab File: BM012490.D

Acq: 27 Oct 2017 18:07

Instrument :

BNA\_M

ClientSampleId :

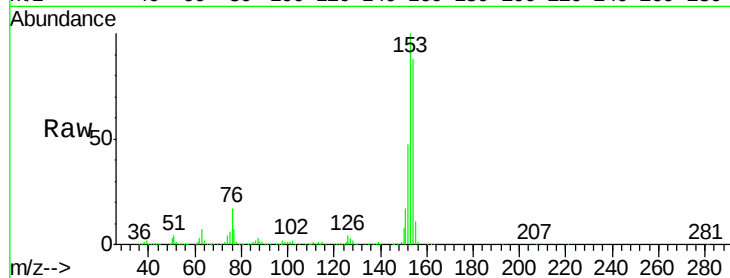
Tot Ion:153 Resp: 1562310

Ion Ratio Lower Upper

153 100

152 47.1 37.6 56.4

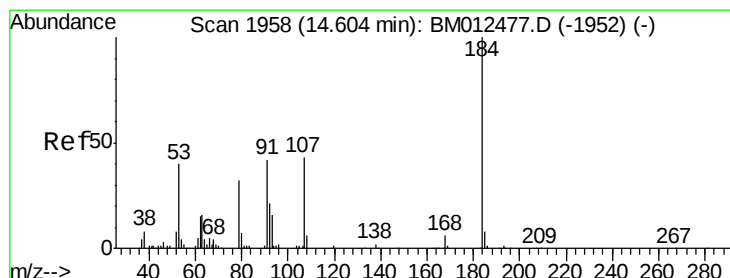
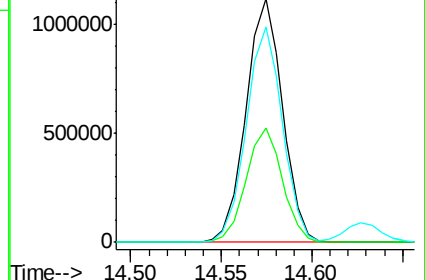
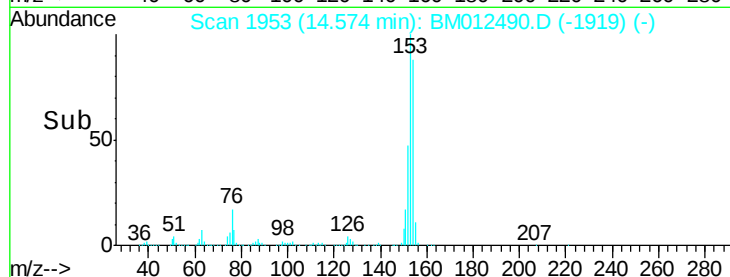
154 88.3 70.4 105.6



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: 22.62 ng/ul

RT: 14.63 min Scan# 1962

Delta R.T. 0.01 min

Lab File: BM012490.D

Acq: 27 Oct 2017 18:07

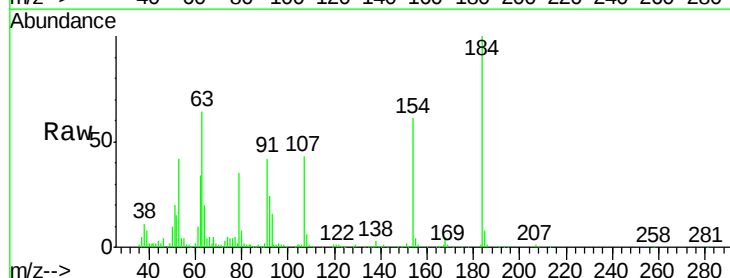
Tgt Ion:184 Resp: 216018

Ion Ratio Lower Upper

184 100

63 63.9 50.1 75.1

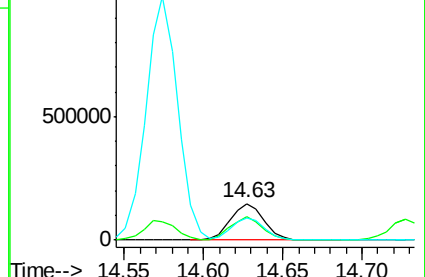
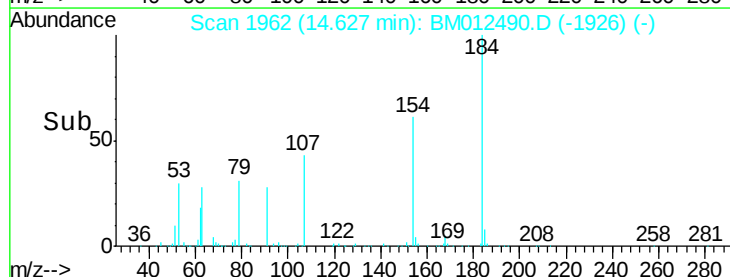
154 61.1 54.5 81.7

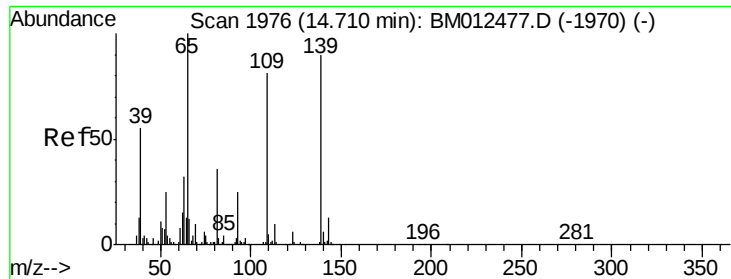


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E

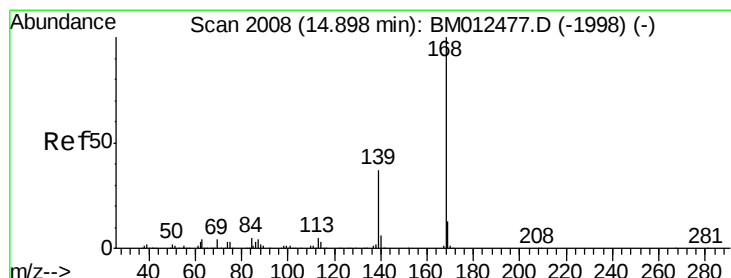
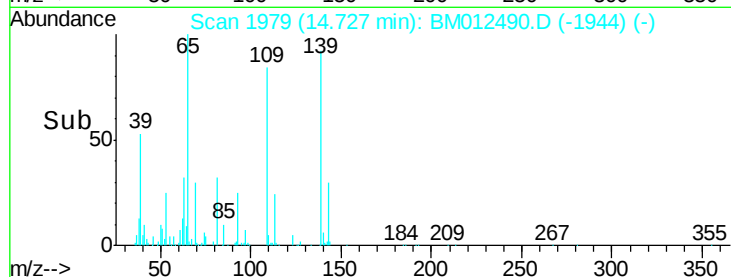
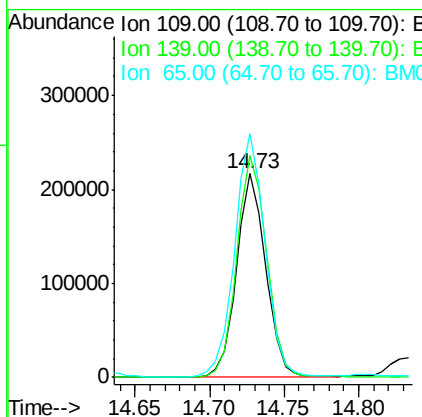
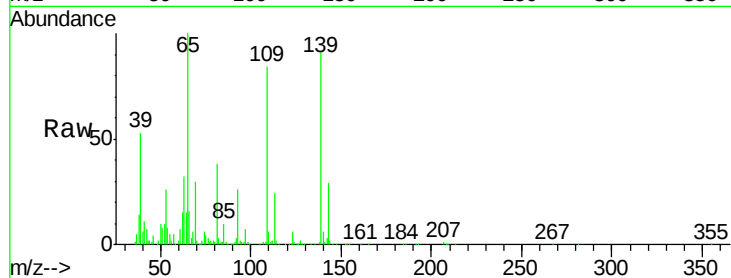




#52  
4-Nitrophenol  
Concen: 18.03 ng/ul  
RT: 14.73 min Scan# 1979  
Delta R.T. 0.01 min  
Lab File: BM012490.D  
Acq: 27 Oct 2017 18:07

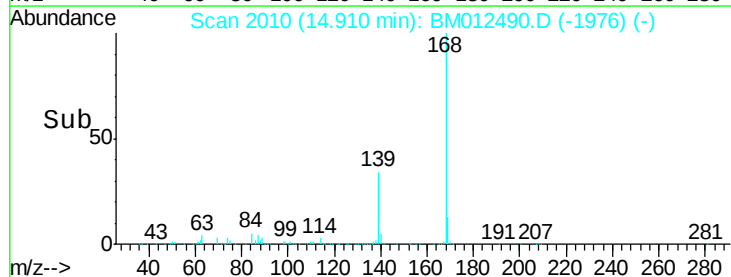
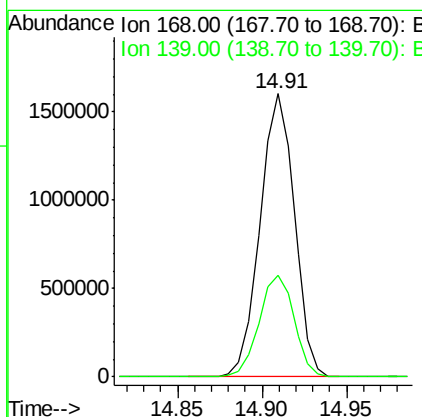
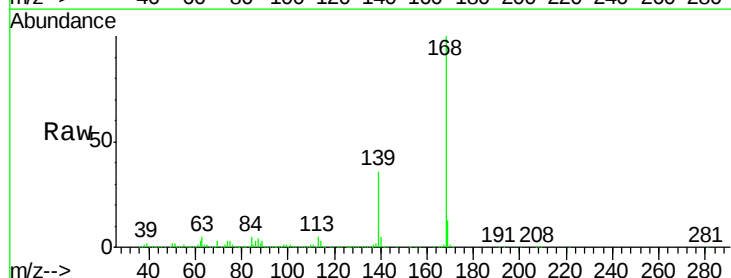
Instrument :  
BNA\_M  
ClientSampleId :

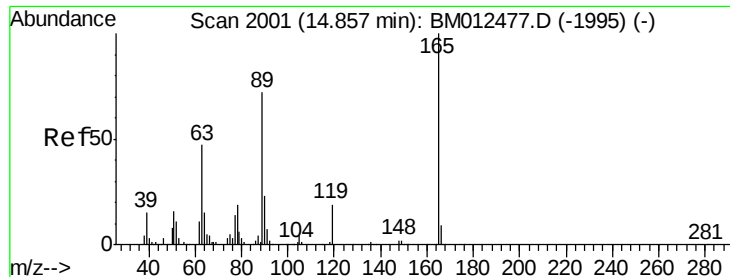
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 109     | 100   |       |       |
| 139     | 108.8 | 80.0  | 120.0 |
| 65      | 119.6 | 120.0 | 180.0 |



#53  
Dibenzofuran  
Concen: 18.31 ng/ul  
RT: 14.91 min Scan# 2010  
Delta R.T. -0.00 min  
Lab File: BM012490.D  
Acq: 27 Oct 2017 18:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 36.0  | 30.8  | 46.2  |





#54

2,4-Dinitrotoluene

Concen: 22.15 ng/ul

RT: 14.87 min Scan# 2004

Delta R.T. 0.01 min

Lab File: BM012490.D

Acq: 27 Oct 2017 18:07

Instrument :

BNA\_M

ClientSampled :

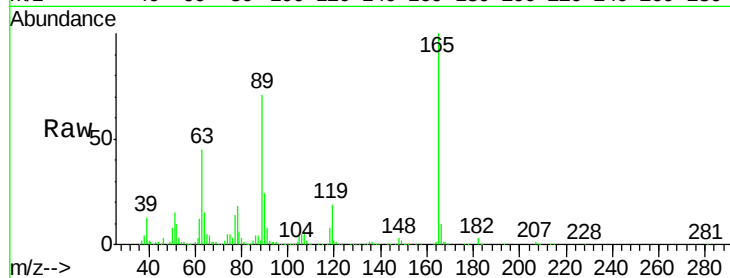
Tot Ion:165 Resp: 564270

Ion Ratio Lower Upper

165 100

63 45.3 45.8 68.8#

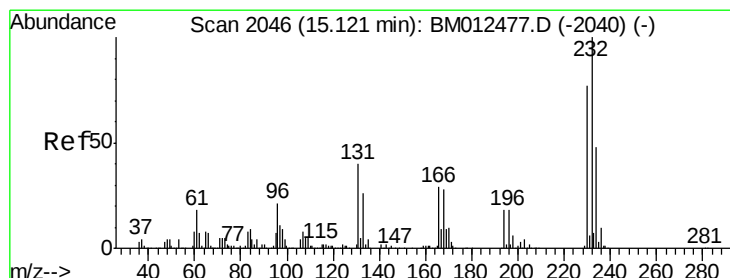
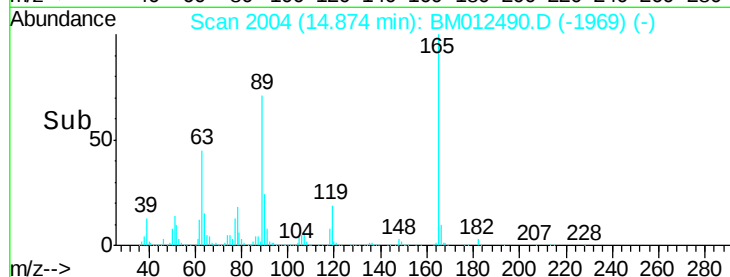
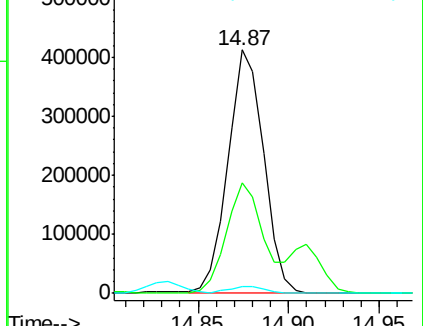
182 3.0 2.6 4.0



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: 20.72 ng/ul

RT: 15.14 min Scan# 2049

Delta R.T. 0.01 min

Lab File: BM012490.D

Acq: 27 Oct 2017 18:07

Tgt Ion:232 Resp: 534027

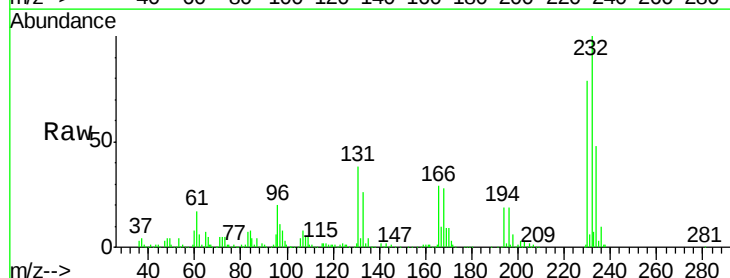
Ion Ratio Lower Upper

232 100

131 37.7 29.0 43.4

130 2.0 2.0 3.0

166 29.4 21.4 32.2

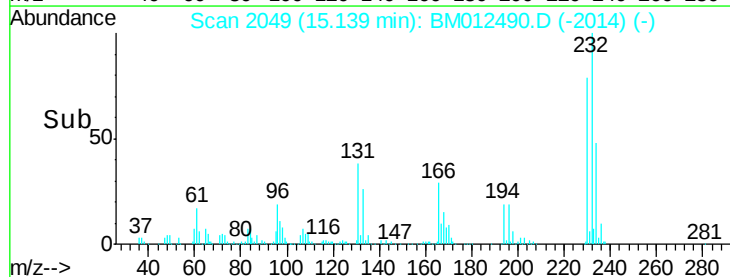
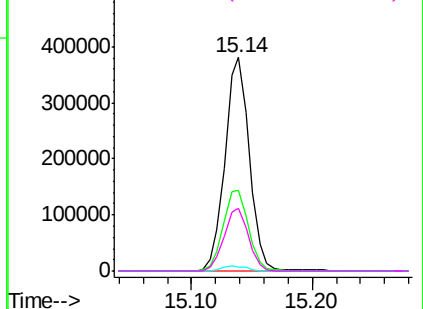


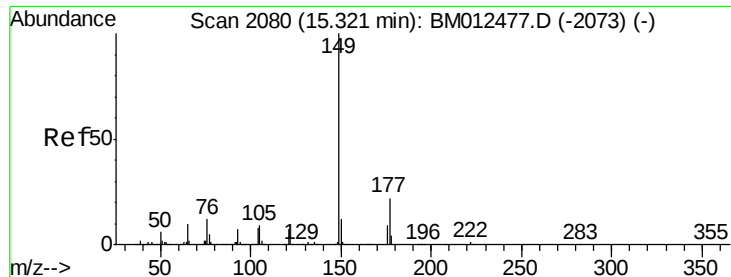
Abundance Ion 232.00 (231.70 to 232.70): E

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

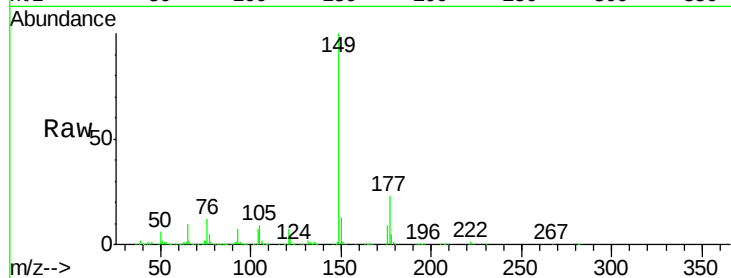




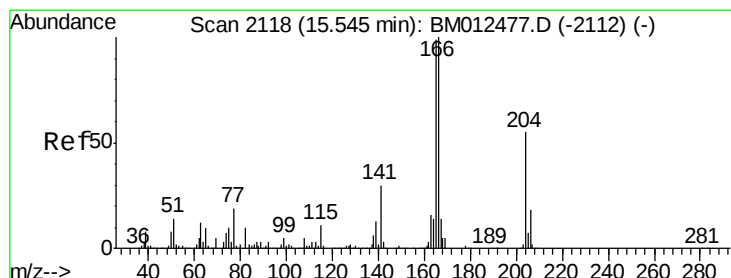
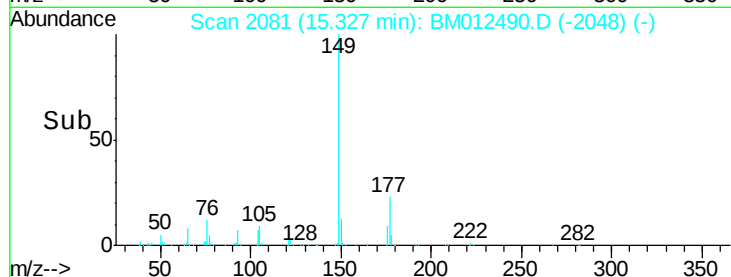
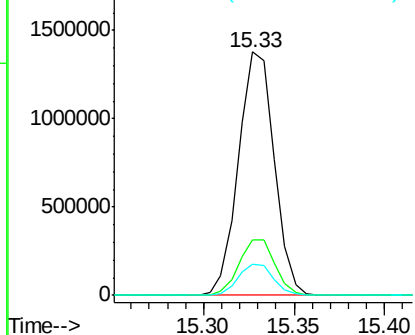
#56  
Diethylphthalate  
Concen: 17.34 ng/ul  
RT: 15.33 min Scan# 2081  
Delta R.T. -0.01 min  
Lab File: BM012490.D  
Acq: 27 Oct 2017 18:07

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:149 Resp: 1892008  
Ion Ratio Lower Upper  
149 100  
177 23.0 20.5 30.7  
150 12.7 10.6 15.8

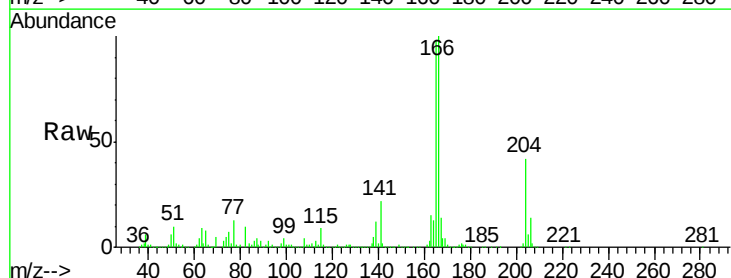


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

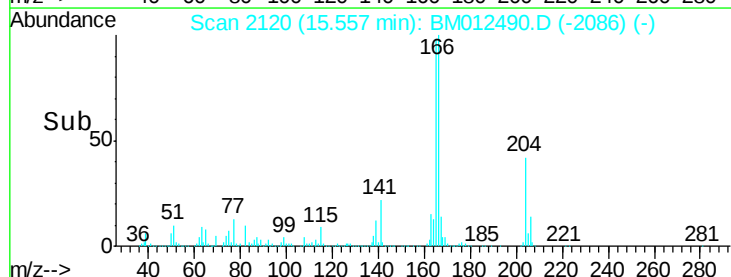
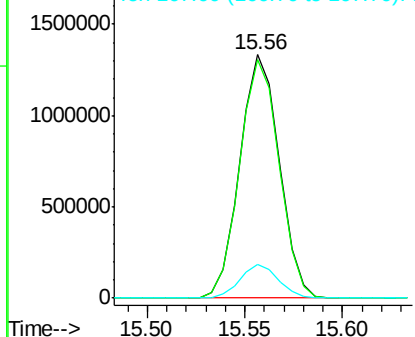


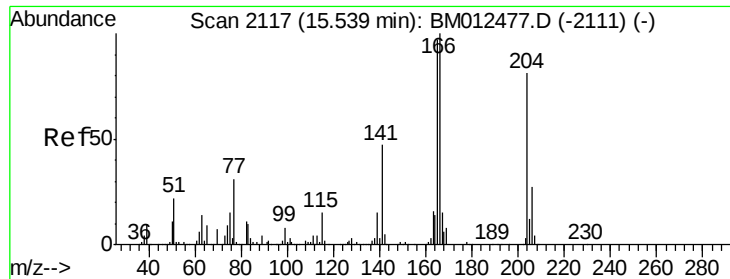
#58  
Fluorene  
Concen: 17.78 ng/ul  
RT: 15.56 min Scan# 2120  
Delta R.T. -0.00 min  
Lab File: BM012490.D  
Acq: 27 Oct 2017 18:07

Tgt Ion:166 Resp: 1861803  
Ion Ratio Lower Upper  
166 100  
165 97.7 77.9 116.9  
167 13.7 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

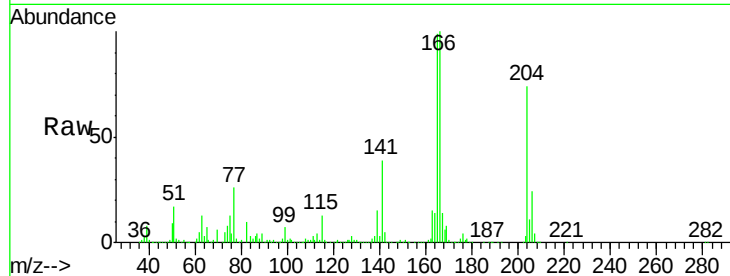




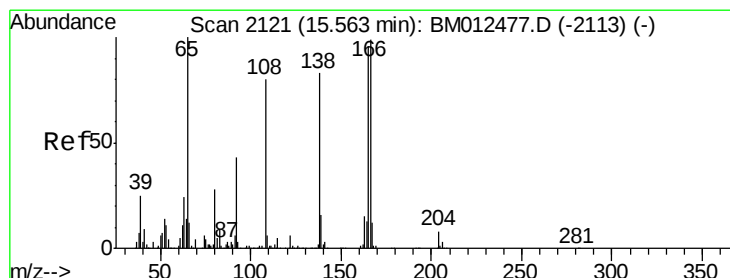
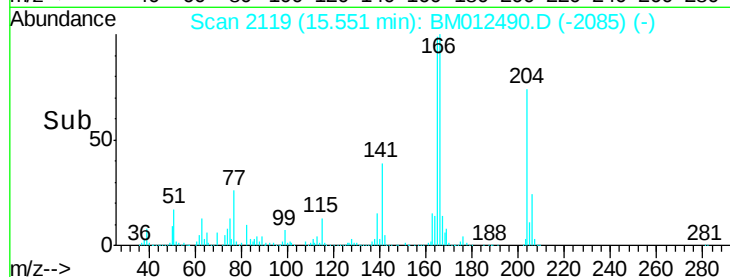
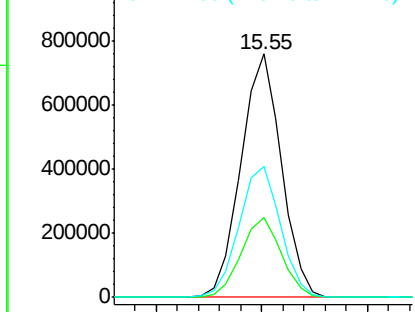
#59  
4-Chlorophenyl-phenylether  
Concen: 17.71 ng/ul  
RT: 15.55 min Scan# 2119  
Delta R.T. -0.00 min  
Lab File: BM012490.D  
Acq: 27 Oct 2017 18:07

Instrument :  
BNA\_M  
ClientSampled :

Tot Ion:204 Resp: 1009148  
Ion Ratio Lower Upper  
204 100  
206 32.8 24.8 37.2  
141 53.6 44.3 66.5

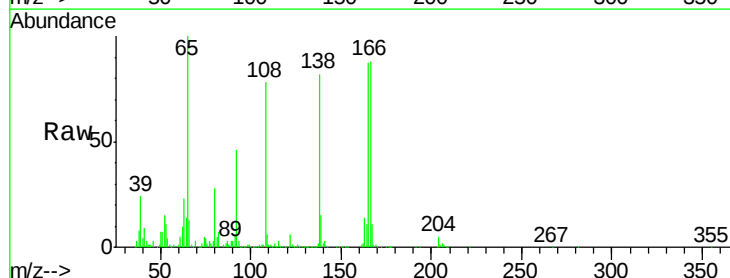


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

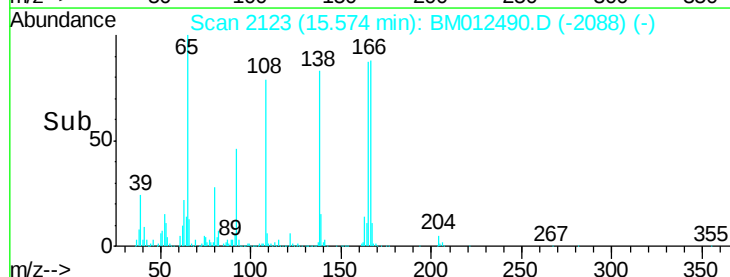
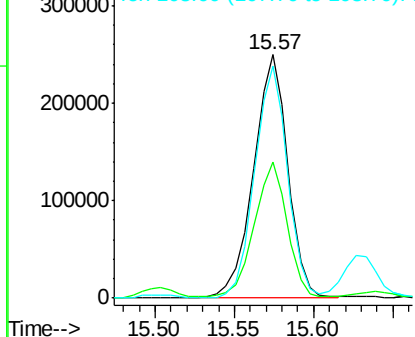


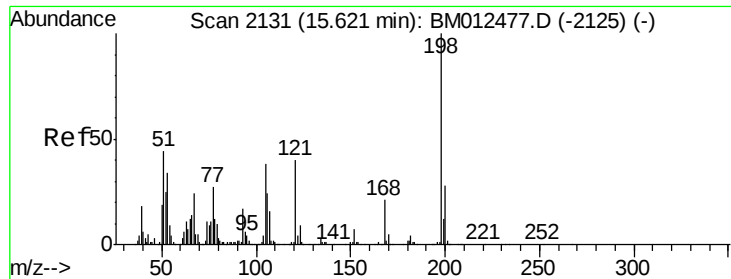
#60  
4-Nitroaniline  
Concen: 18.86 ng/ul  
RT: 15.57 min Scan# 2123  
Delta R.T. 0.01 min  
Lab File: BM012490.D  
Acq: 27 Oct 2017 18:07

Tgt Ion:138 Resp: 376742  
Ion Ratio Lower Upper  
138 100  
92 55.8 40.0 60.0  
108 95.3 80.0 120.0



Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BM0  
Ion 108.00 (107.70 to 108.70): E

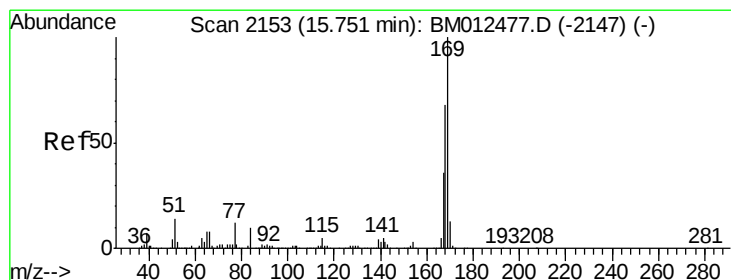
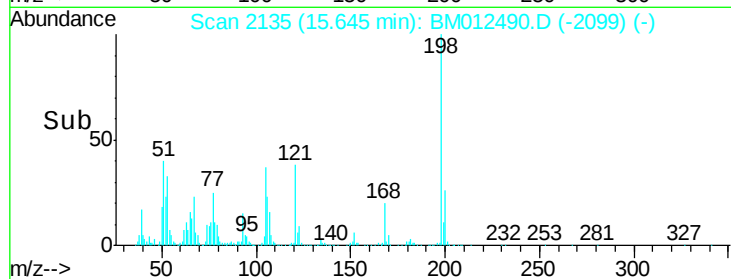
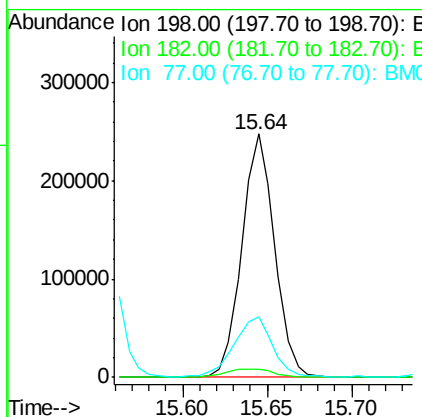
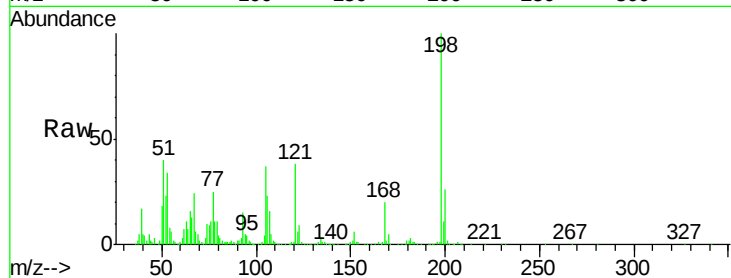




#63  
 4,6-Dinitro-2-methylphenol  
 Concen: 22.43 ng/ul  
 RT: 15.64 min Scan# 2135  
 Delta R.T. 0.01 min  
 Lab File: BM012490.D  
 Acq: 27 Oct 2017 18:07

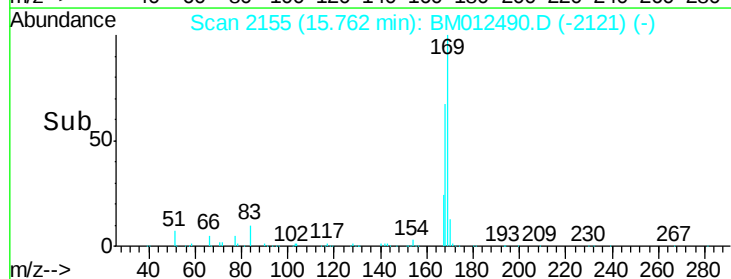
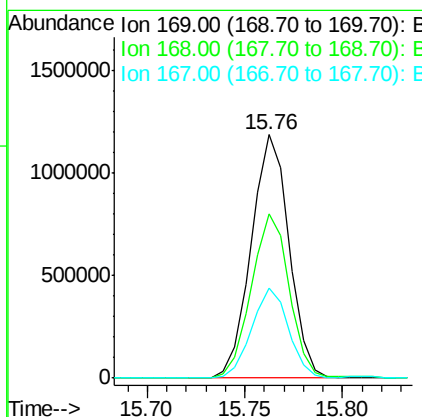
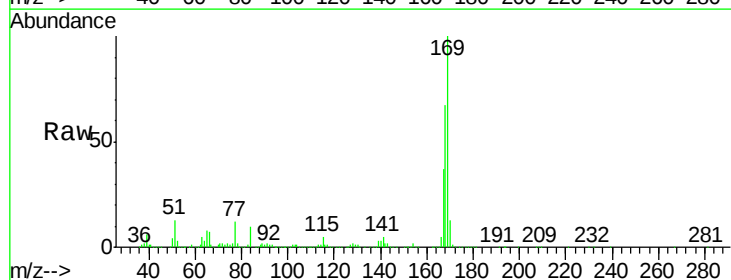
Instrument :  
 BNA\_M  
 ClientSampleId :

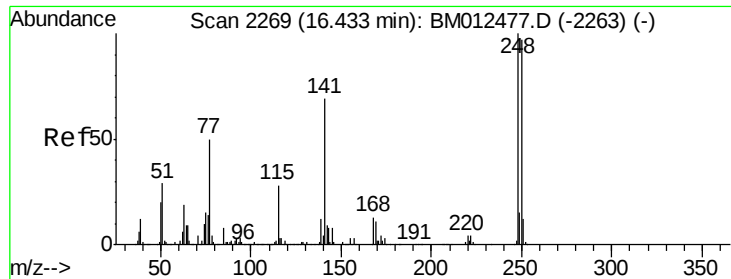
Tot Ion:198 Resp: 333817  
 Ion Ratio Lower Upper  
 198 100  
 182 3.5 3.8 5.6#  
 77 24.8 25.2 37.8#



#64  
 N-Nitrosodiphenylamine  
 Concen: 19.63 ng/ul  
 RT: 15.76 min Scan# 2155  
 Delta R.T. -0.00 min  
 Lab File: BM012490.D  
 Acq: 27 Oct 2017 18:07

Tgt Ion:169 Resp: 1595342  
 Ion Ratio Lower Upper  
 169 100  
 168 67.3 54.0 81.0  
 167 36.8 29.1 43.7

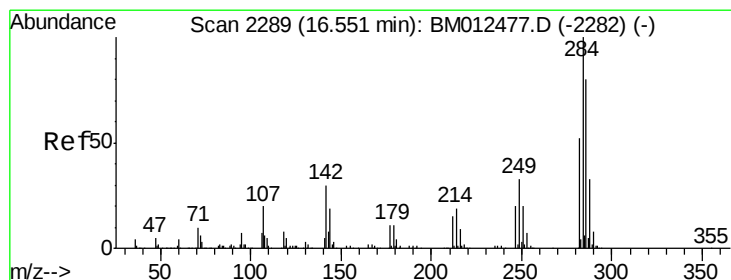
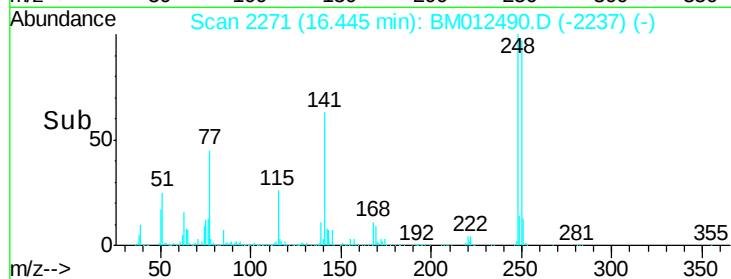
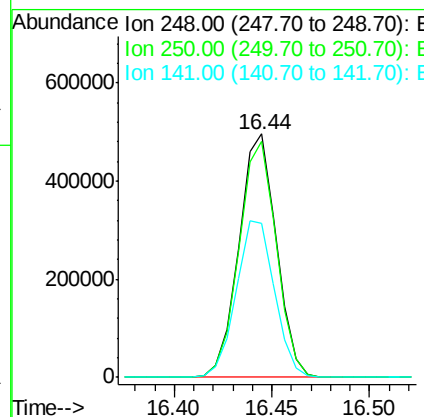
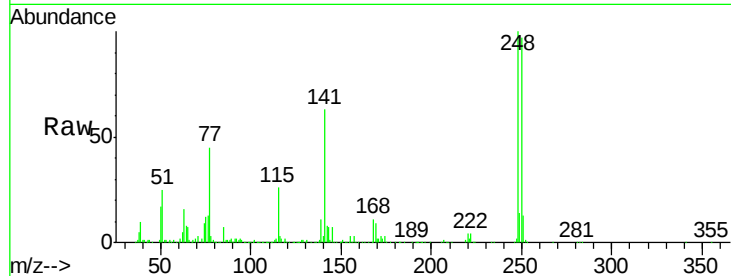




#65  
4-Bromophenyl-phenylether  
Concen: 19.64 ng/ul  
RT: 16.44 min Scan# 2271  
Delta R.T. -0.00 min  
Lab File: BM012490.D  
Acq: 27 Oct 2017 18:07

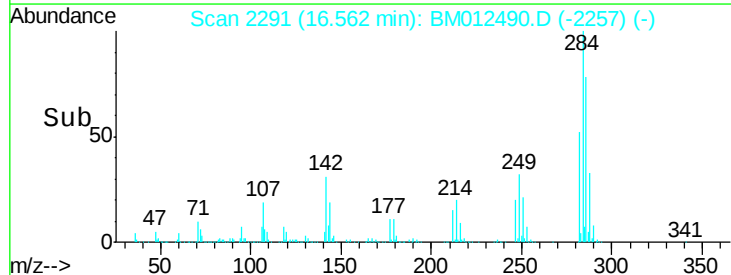
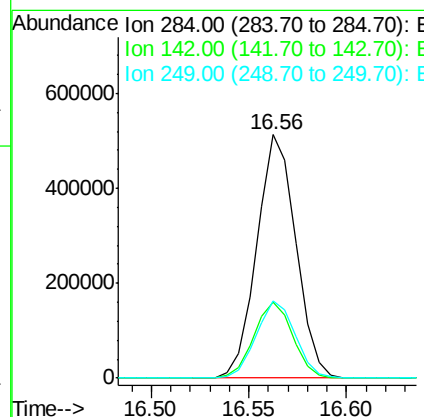
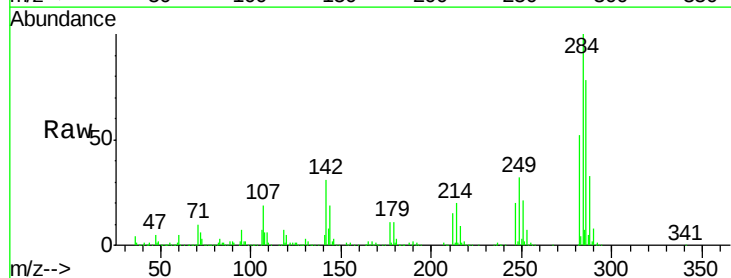
Instrument :  
BNA\_M  
ClientSampleId :

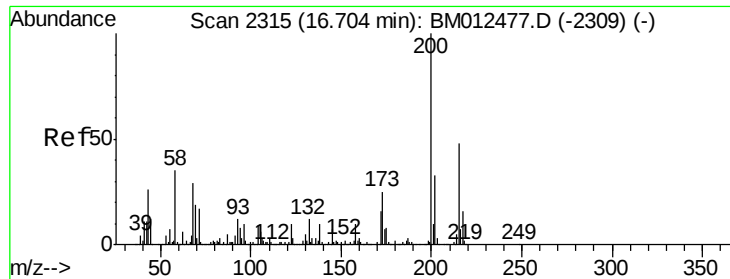
Tot Ion:248 Resp: 657928  
Ion Ratio Lower Upper  
248 100  
250 96.9 80.5 120.7  
141 63.1 53.6 80.4



#66  
Hexachlorobenzene  
Concen: 19.16 ng/ul  
RT: 16.56 min Scan# 2291  
Delta R.T. -0.00 min  
Lab File: BM012490.D  
Acq: 27 Oct 2017 18:07

Tgt Ion:284 Resp: 709896  
Ion Ratio Lower Upper  
284 100  
142 31.2 21.2 31.8  
249 32.0 24.5 36.7

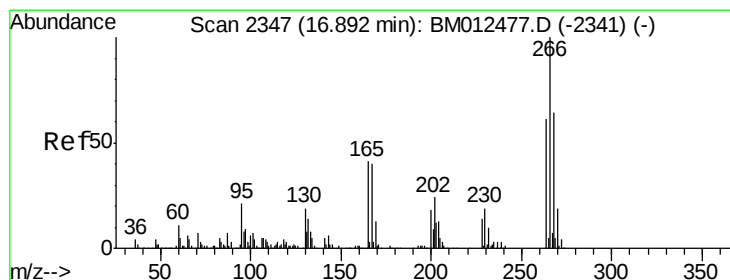
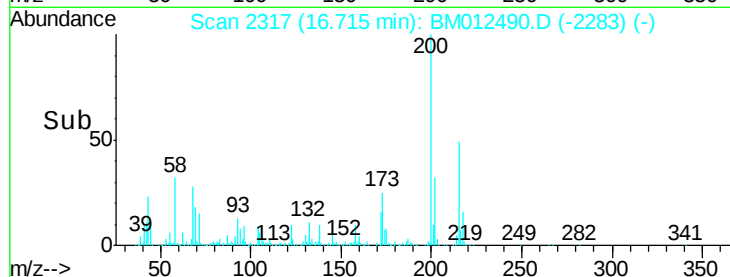
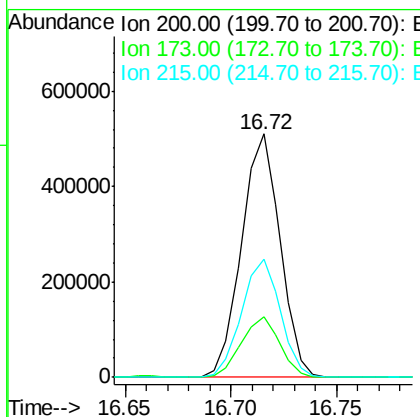
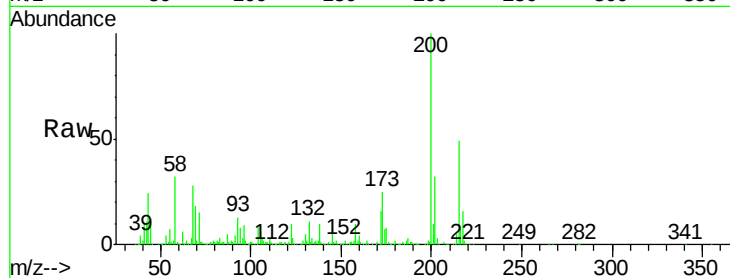




#67  
 Atrazine  
 Concen: 18.53 ng/ul  
 RT: 16.72 min Scan# 2317  
 Delta R.T. -0.00 min  
 Lab File: BM012490.D  
 Acq: 27 Oct 2017 18:07

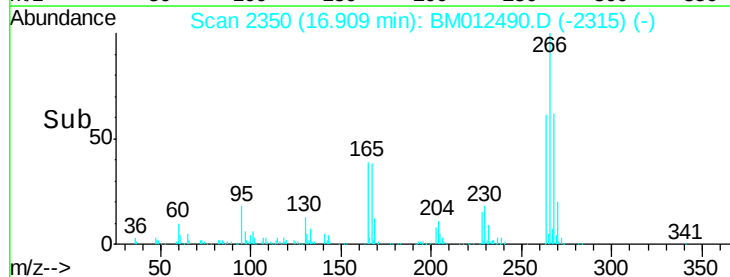
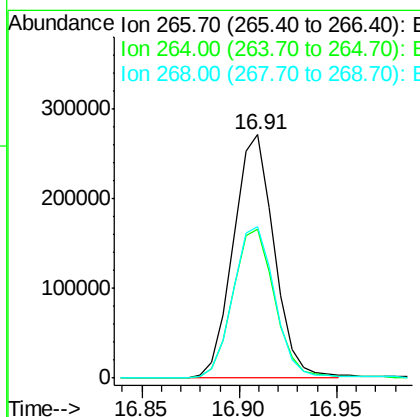
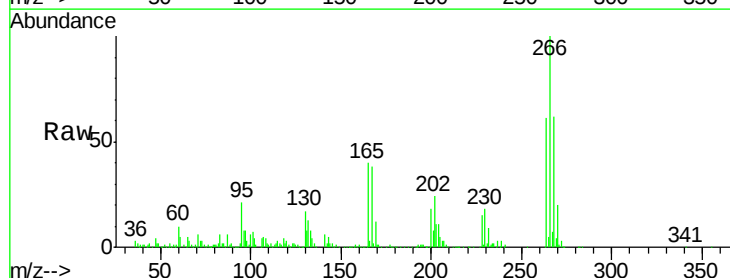
Instrument :  
 BNA\_M  
 ClientSampleId :

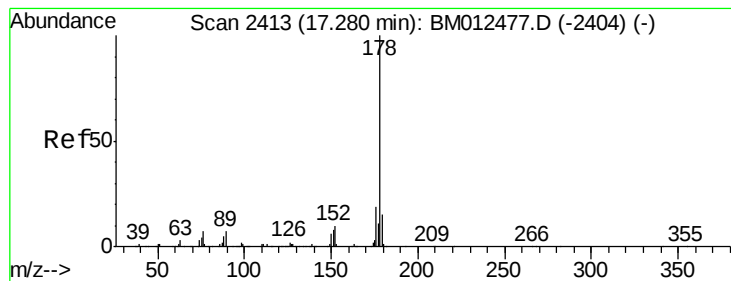
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 25.1  | 18.2  | 27.2  |
| 215     | 48.7  | 35.0  | 52.4  |



#68  
 Pentachlorophenol  
 Concen: 19.46 ng/ul  
 RT: 16.91 min Scan# 2350  
 Delta R.T. 0.01 min  
 Lab File: BM012490.D  
 Acq: 27 Oct 2017 18:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 60.9  | 49.3  | 73.9  |
| 268     | 62.3  | 52.6  | 78.8  |





#69

Phenanthrene

Concen: 18.72 ng/ul

RT: 17.30 min Scan# 2416

Delta R.T. 0.01 min

Lab File: BM012490.D

Acq: 27 Oct 2017 18:07

Instrument :

BNA\_M

ClientSampled :

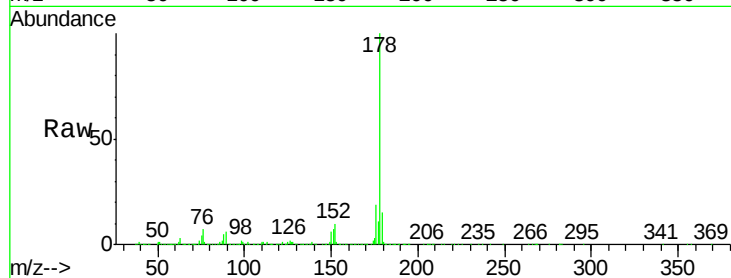
Tot Ion:178 Resp: 2830934

Ion Ratio Lower Upper

178 100

179 14.8 12.6 19.0

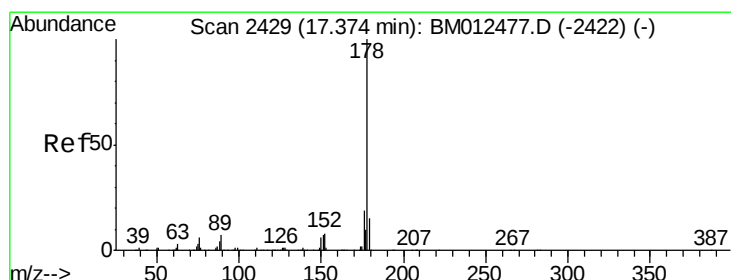
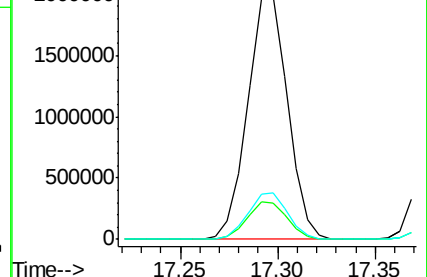
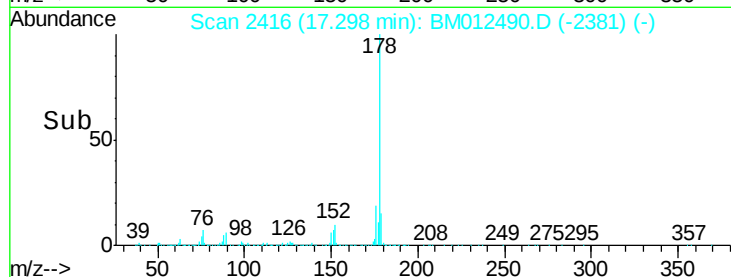
176 18.9 14.9 22.3



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: 18.89 ng/ul

RT: 17.39 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BM012490.D

Acq: 27 Oct 2017 18:07

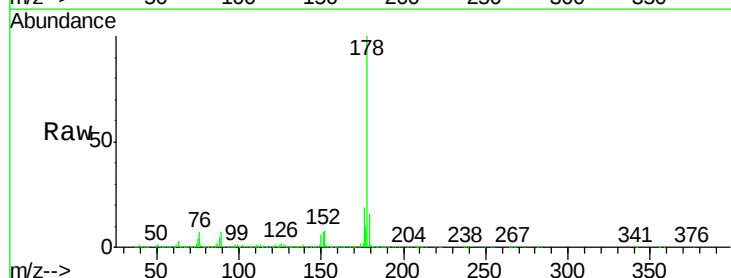
Tgt Ion:178 Resp: 2953237

Ion Ratio Lower Upper

178 100

179 15.6 11.7 17.5

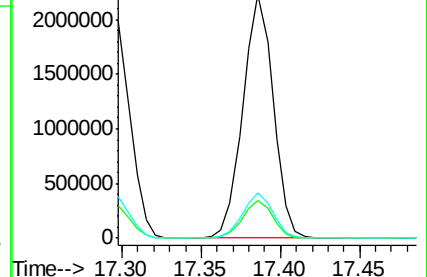
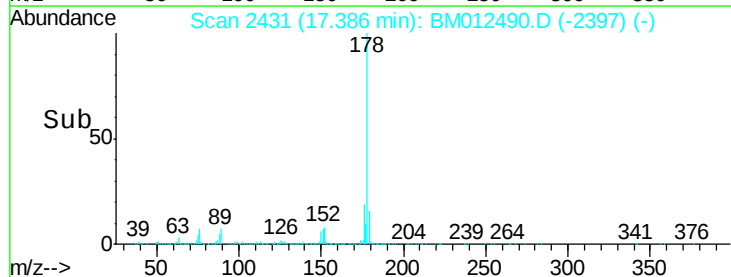
176 18.7 14.6 21.8

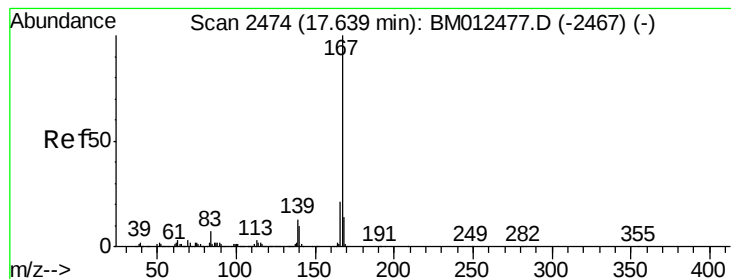


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 18.97 ng/ul

RT: 17.66 min Scan# 2477

Delta R.T. 0.01 min

Lab File: BM012490.D

Acq: 27 Oct 2017 18:07

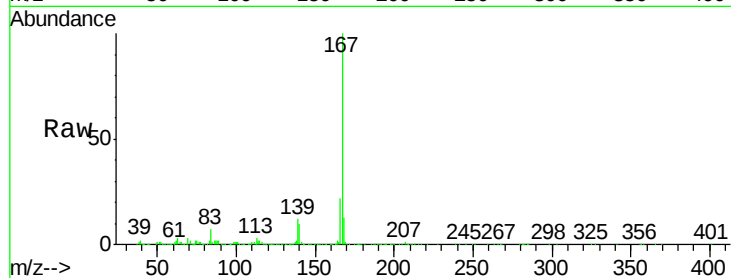
Instrument :

BNA\_M

ClientSampled :

Tot Ion:167 Resp: 2456120

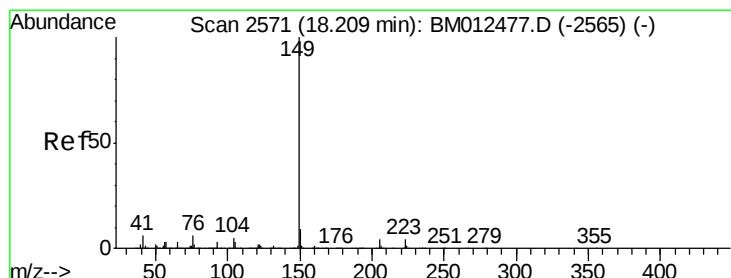
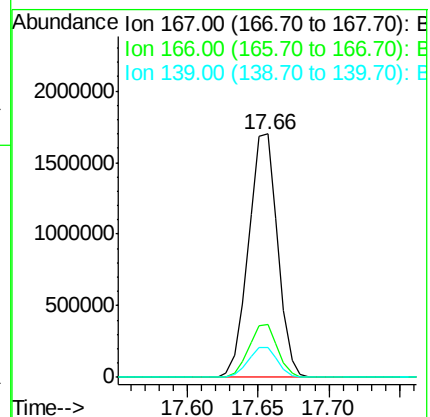
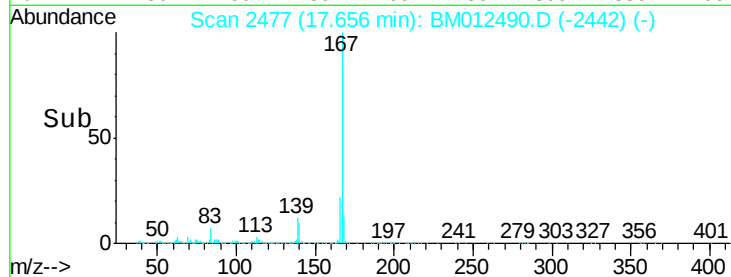
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.8  | 17.1  | 25.7  |
| 139 | 12.4  | 10.0  | 15.0  |



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



#73

Di-n-butylphthalate

Concen: 18.57 ng/ul

RT: 18.22 min Scan# 2572

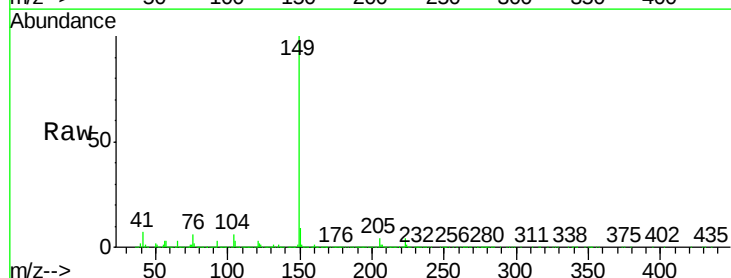
Delta R.T. -0.00 min

Lab File: BM012490.D

Acq: 27 Oct 2017 18:07

Tgt Ion:149 Resp: 3065497

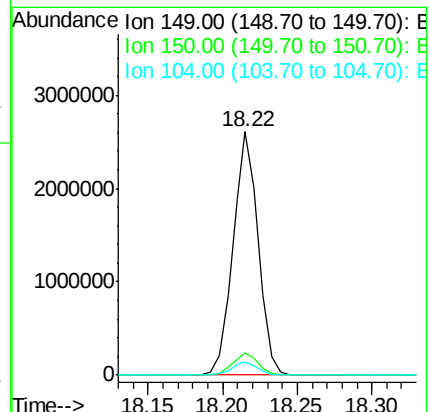
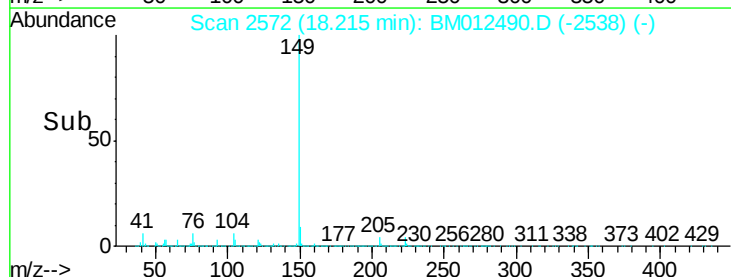
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.2   | 7.1   | 10.7  |
| 104 | 5.6   | 5.6   | 8.4#  |

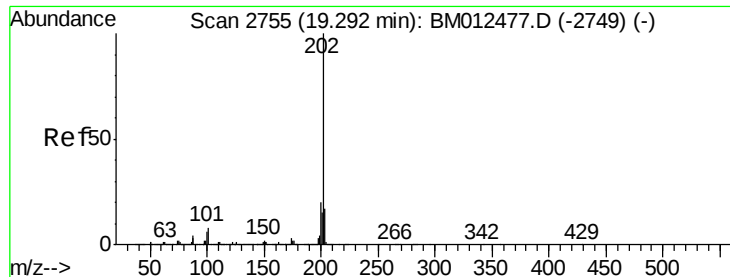


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

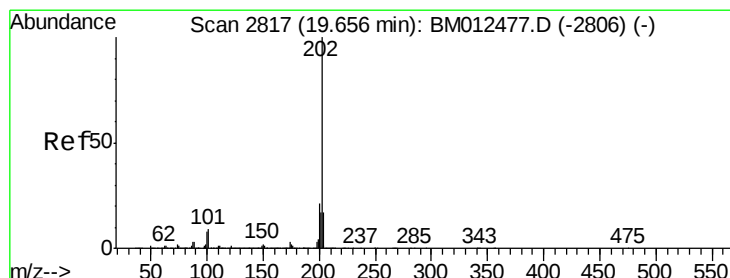
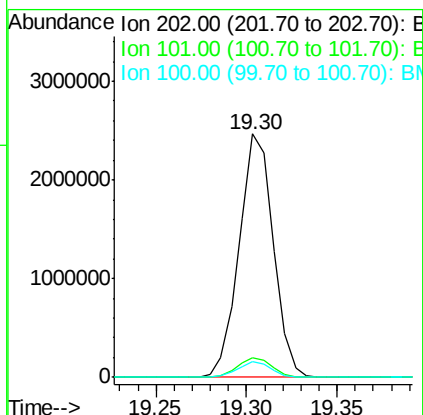
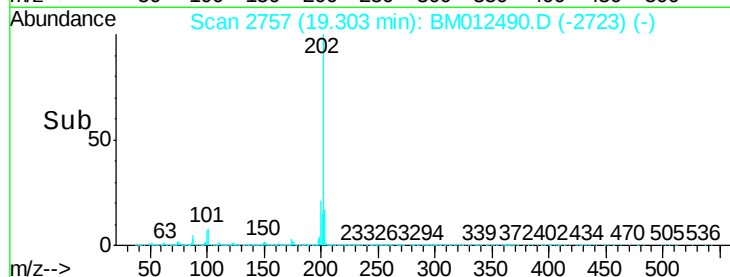
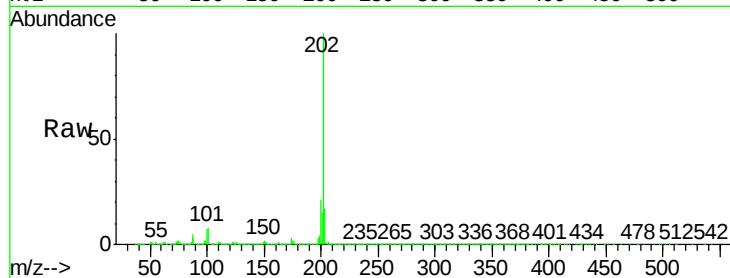




#74  
 Fluoranthene  
 Concen: 18.79 ng/ul  
 RT: 19.30 min Scan# 2757  
 Delta R.T. -0.00 min  
 Lab File: BM012490.D  
 Acq: 27 Oct 2017 18:07

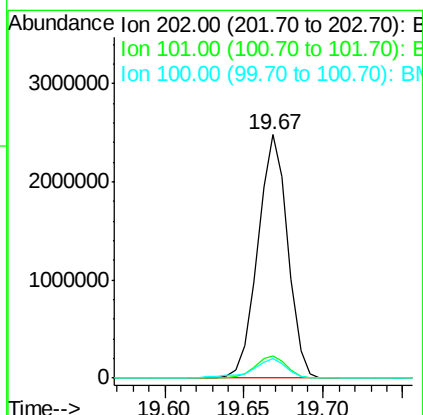
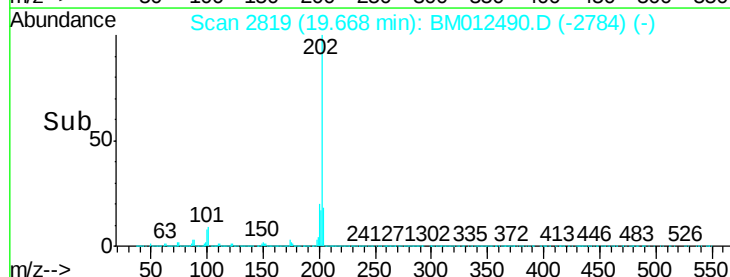
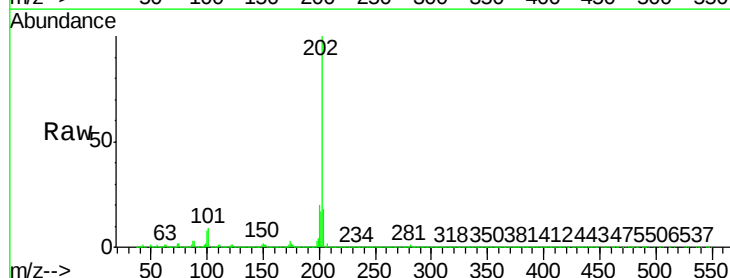
Instrument :  
 BNA\_M  
 ClientSampleId :

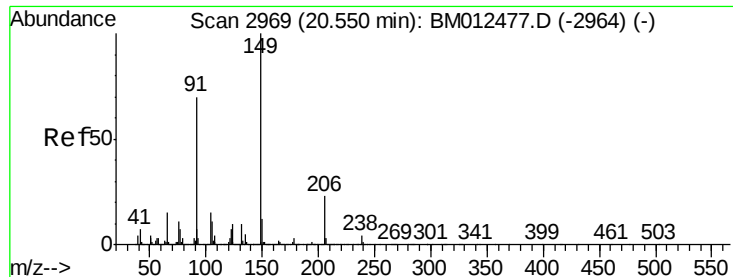
Tot Ion:202 Resp: 3220671  
 Ion Ratio Lower Upper  
 202 100  
 101 8.2 4.6 7.0#  
 100 6.5 3.4 5.2#



#77  
 Pyrene  
 Concen: 22.05 ng/ul  
 RT: 19.67 min Scan# 2819  
 Delta R.T. 0.01 min  
 Lab File: BM012490.D  
 Acq: 27 Oct 2017 18:07

Tgt Ion:202 Resp: 3261378  
 Ion Ratio Lower Upper  
 202 100  
 101 9.3 5.1 7.7#  
 100 7.9 4.9 7.3#

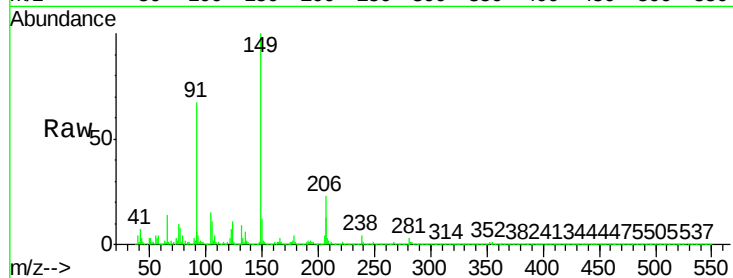




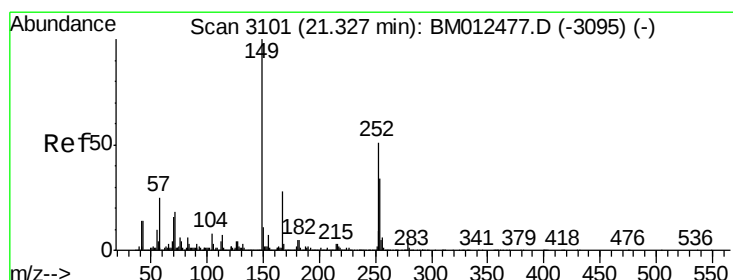
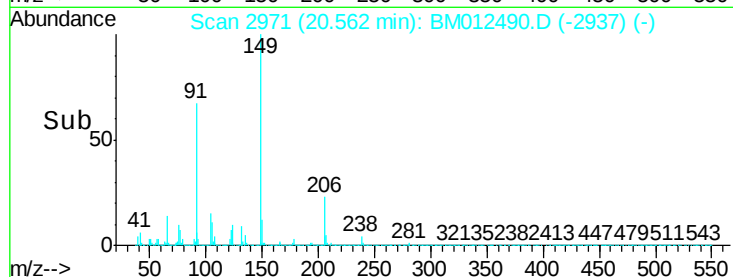
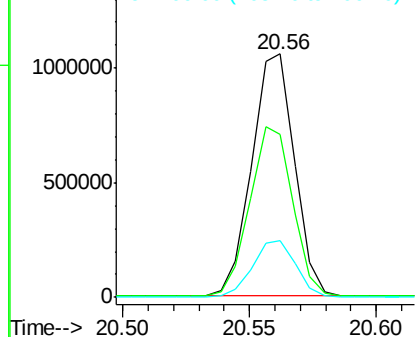
#78  
Butylbenzylphthalate  
Concen: 21.37 ng/ul  
RT: 20.56 min Scan# 2971  
Delta R.T. -0.00 min  
Lab File: BM012490.D  
Acq: 27 Oct 2017 18:07

Instrument :  
BNA\_M  
ClientSampled :

Tot Ion:149 Resp: 1244809  
Ion Ratio Lower Upper  
149 100  
91 67.1 62.7 94.1  
206 23.5 20.8 31.2

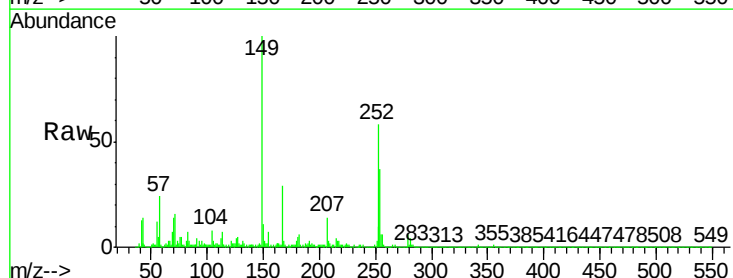


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): BM0  
Ion 206.00 (205.70 to 206.70): E

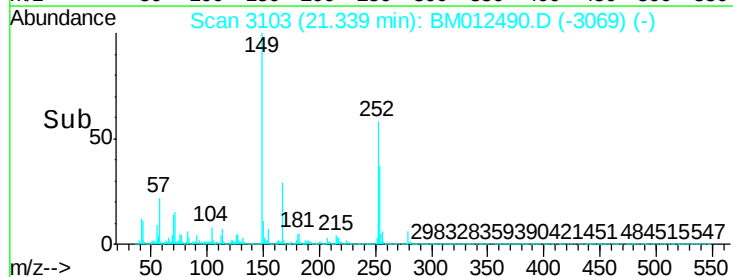
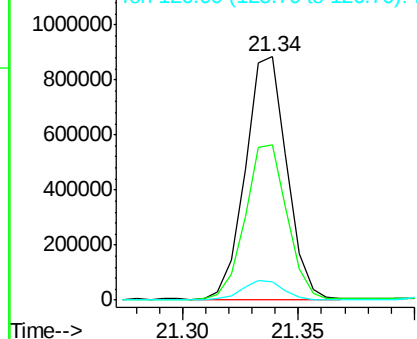


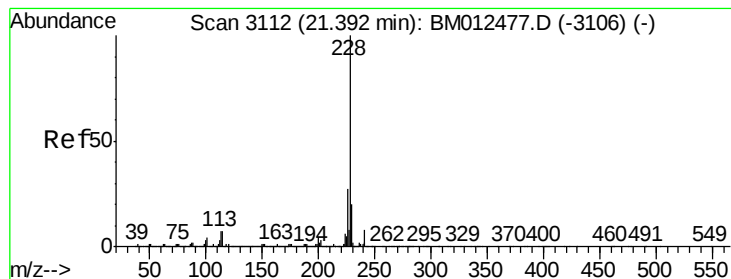
#79  
3,3'-Dichlorobenzidine  
Concen: 19.29 ng/ul  
RT: 21.34 min Scan# 3103  
Delta R.T. -0.00 min  
Lab File: BM012490.D  
Acq: 27 Oct 2017 18:07

Tgt Ion:252 Resp: 1100814  
Ion Ratio Lower Upper  
252 100  
254 63.7 54.5 81.7  
126 7.5 5.8 8.8



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

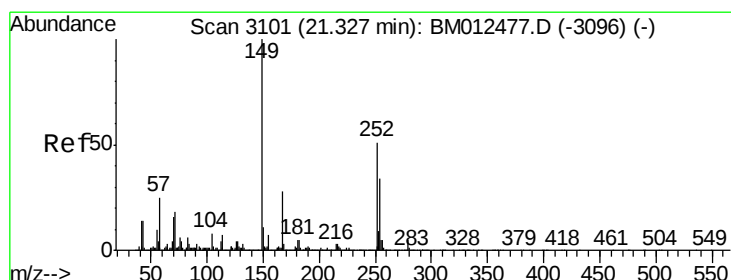
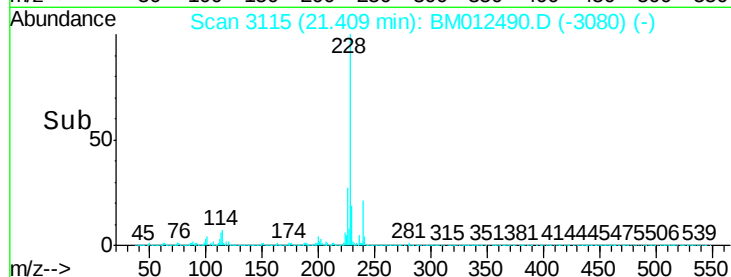
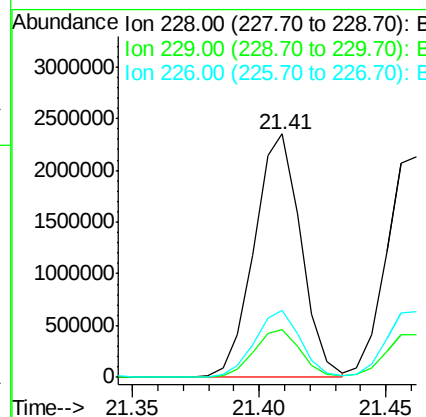
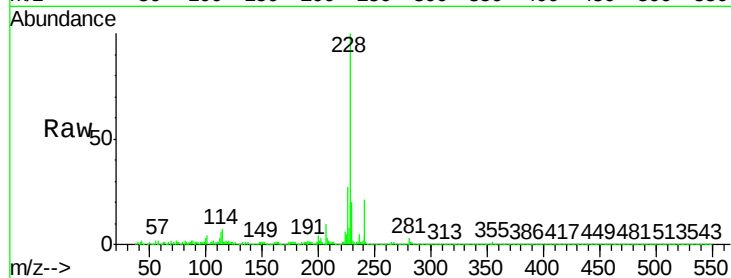




#80  
Benzo(a)anthracene  
Concen: 19.32 ng/ul  
RT: 21.41 min Scan# 3115  
Delta R.T. 0.01 min  
Lab File: BM012490.D  
Acq: 27 Oct 2017 18:07

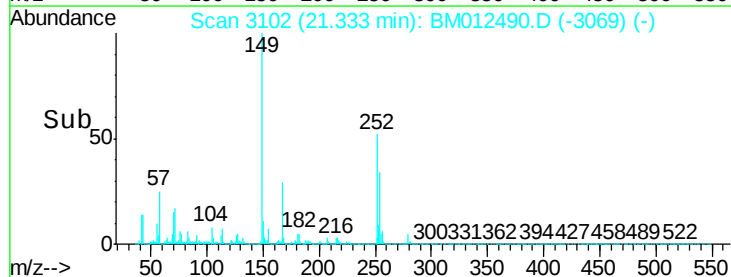
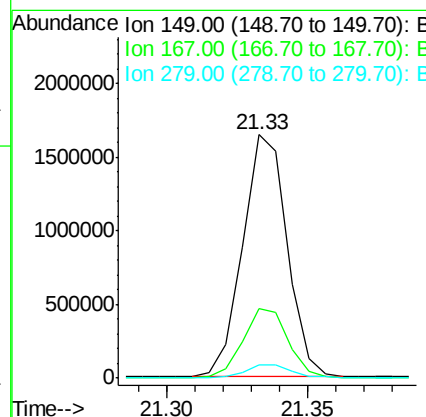
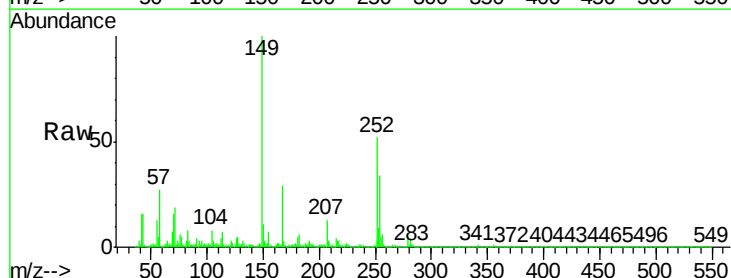
Instrument :  
BNA\_M  
ClientSampleId :

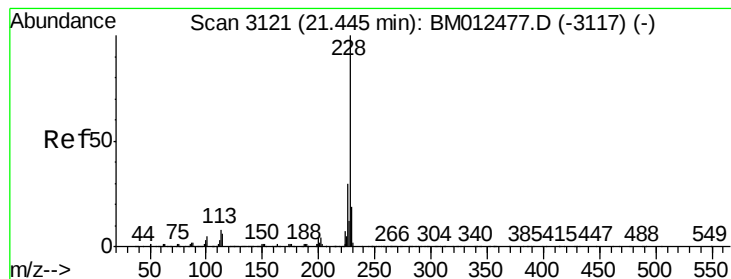
Tot Ion:228 Resp: 3008039  
Ion Ratio Lower Upper  
228 100  
229 19.6 15.4 23.0  
226 27.4 21.4 32.0



#81  
Bis(2-ethylhexyl)phthalate  
Concen: 20.07 ng/ul  
RT: 21.33 min Scan# 3102  
Delta R.T. -0.01 min  
Lab File: BM012490.D  
Acq: 27 Oct 2017 18:07

Tgt Ion:149 Resp: 1778670  
Ion Ratio Lower Upper  
149 100  
167 28.8 22.8 34.2  
279 5.4 4.9 7.3





#82

Chrysene

Concen: 19.40 ng/ul

RT: 21.46 min Scan# 3124

Delta R.T. 0.01 min

Lab File: BM012490.D

Acq: 27 Oct 2017 18:07

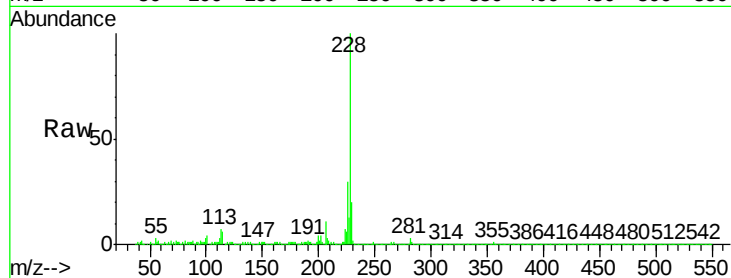
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:228 Resp: 2686425

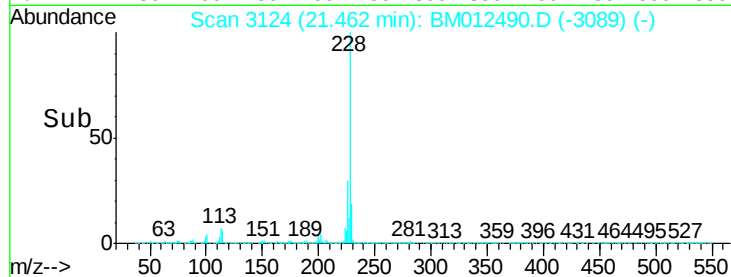
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.9  | 23.4  | 35.2  |
| 229 | 19.5  | 15.5  | 23.3  |



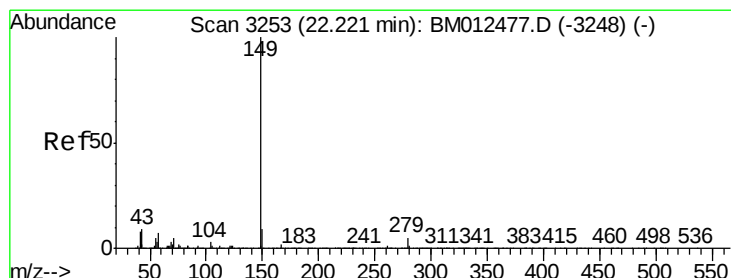
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Di-n-octyl phthalate

Concen: 22.72 ng/ul

RT: 22.23 min Scan# 3255

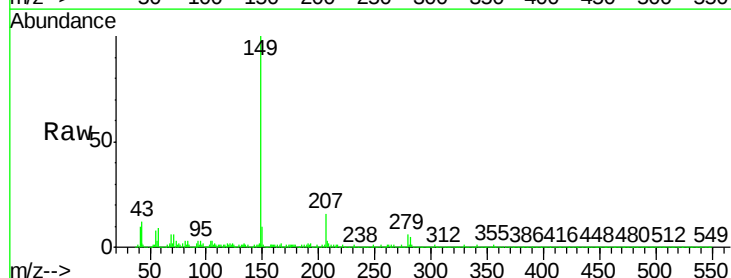
Delta R.T. -0.00 min

Lab File: BM012490.D

Acq: 27 Oct 2017 18:07

Tgt Ion:149 Resp: 2944012

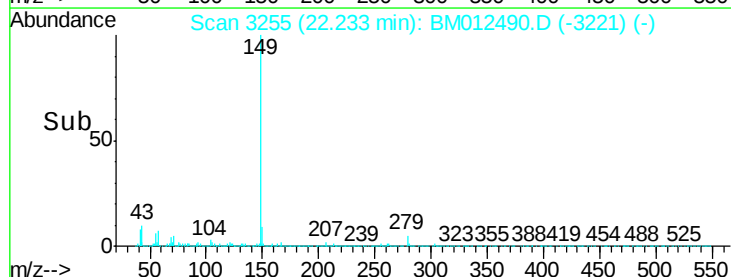
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 1.9   | 1.3   | 1.9   |
| 43  | 11.7  | 7.3   | 10.9  |



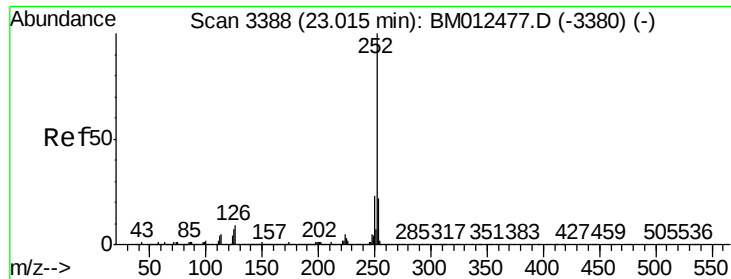
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



Time-->



#85

Benzo(b)fluoranthene

Concen: 19.16 ng/ul

RT: 23.04 min Scan# 3392

Delta R.T. 0.01 min

Lab File: BM012490.D

Acq: 27 Oct 2017 18:07

Instrument :

BNA\_M

ClientSampleId :

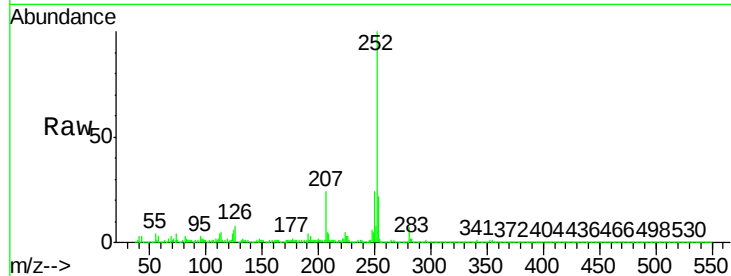
Tot Ion:252 Resp: 2958000

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

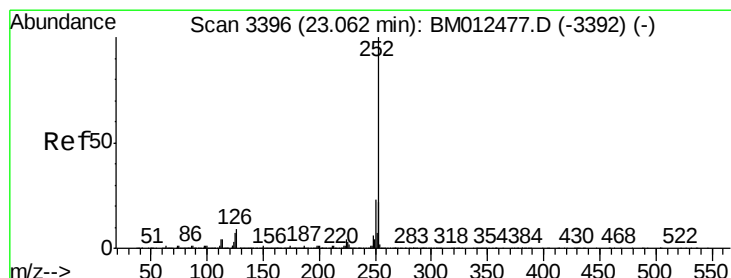
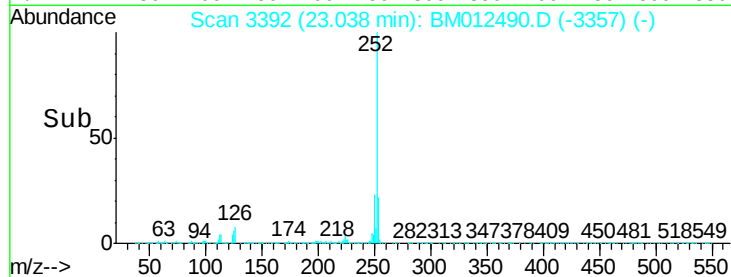
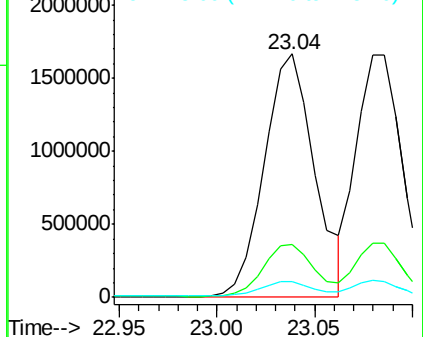
125 6.4 3.6 5.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#86

Benzo(k)fluoranthene

Concen: 18.45 ng/ul

RT: 23.09 min Scan# 3400

Delta R.T. 0.01 min

Lab File: BM012490.D

Acq: 27 Oct 2017 18:07

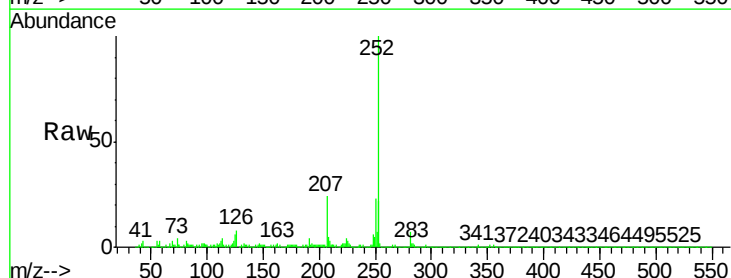
Tgt Ion:252 Resp: 2681517

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

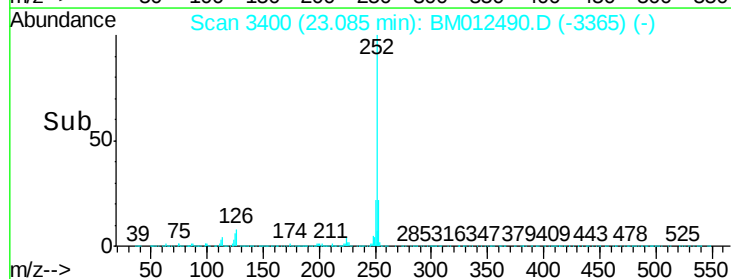
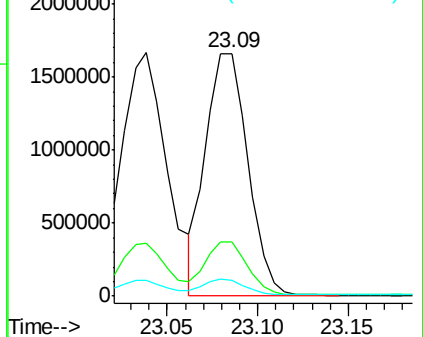
125 6.4 3.4 5.2#

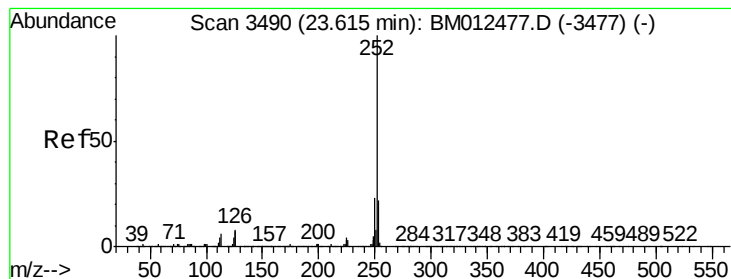


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 18.66 ng/ul

RT: 23.63 min Scan# 3493

Delta R.T. 0.01 min

Lab File: BM012490.D

Acq: 27 Oct 2017 18:07

Instrument :

BNA\_M

ClientSampleId :

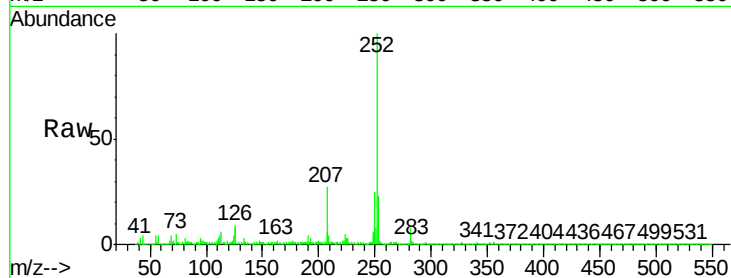
Tot Ion:252 Resp: 2746652

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.3  | 18.2  | 27.2  |
| 125 | 7.5   | 4.0   | 6.0   |

252 100

253 23.3 18.2 27.2

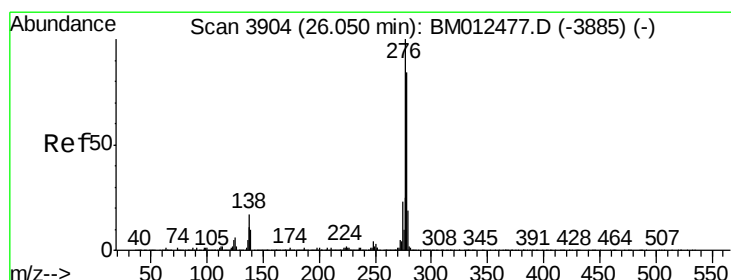
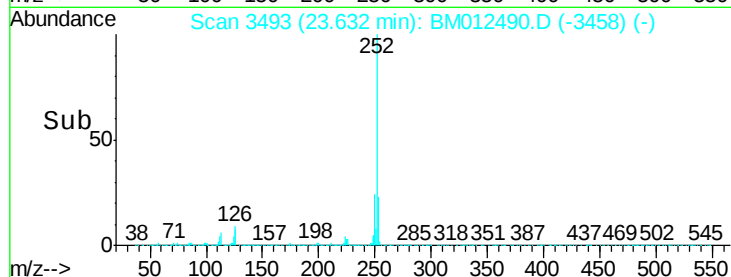
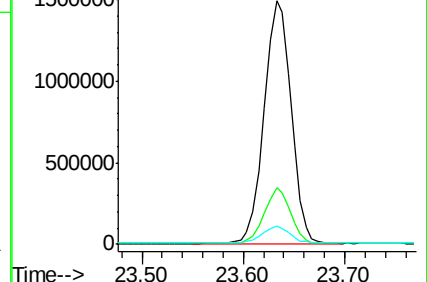
125 7.5 4.0 6.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Indeno(1,2,3-cd)pyrene

Concen: 17.83 ng/ul

RT: 26.09 min Scan# 3910

Delta R.T. 0.01 min

Lab File: BM012490.D

Acq: 27 Oct 2017 18:07

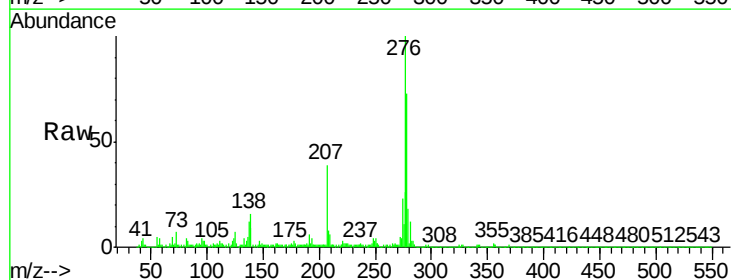
Tgt Ion:276 Resp: 3088730

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 16.0  | 9.3   | 13.9  |
| 277 | 25.9  | 19.9  | 29.9  |

276 100

138 16.0 9.3 13.9

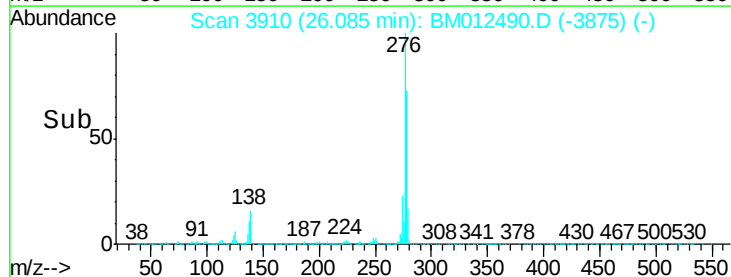
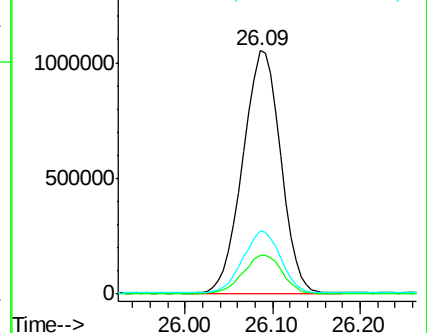
277 25.9 19.9 29.9

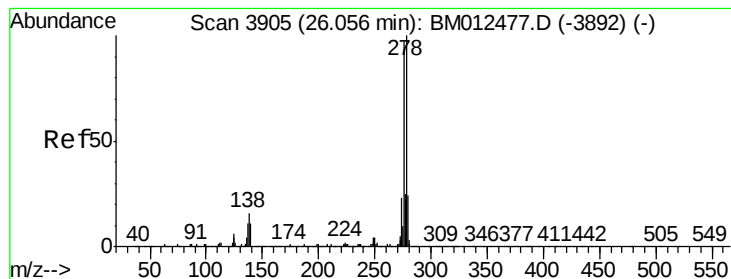


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 17.82 ng/ul

RT: 26.10 min Scan# 3912

Delta R.T. 0.01 min

Lab File: BM012490.D

Acq: 27 Oct 2017 18:07

Instrument :

BNA\_M

ClientSampleId :

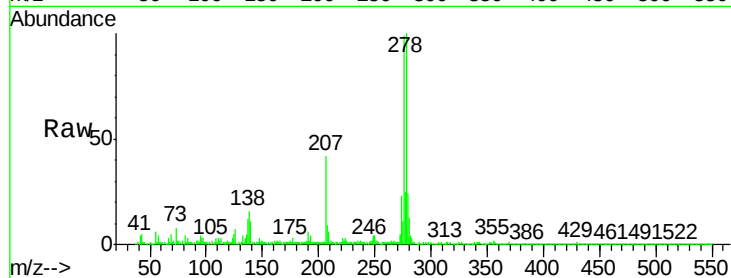
Tot Ion:278 Resp: 2617054

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 11.0  | 5.8   | 8.8#  |
| 279 | 23.6  | 18.6  | 27.8  |

278 100

139 11.0 5.8 8.8#

279 23.6 18.6 27.8

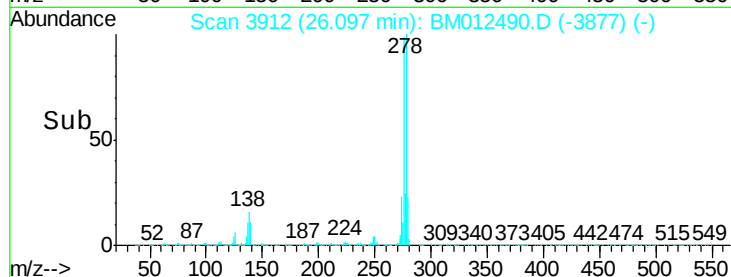


Abundance Ion 278.00 (277.70 to 278.70): E

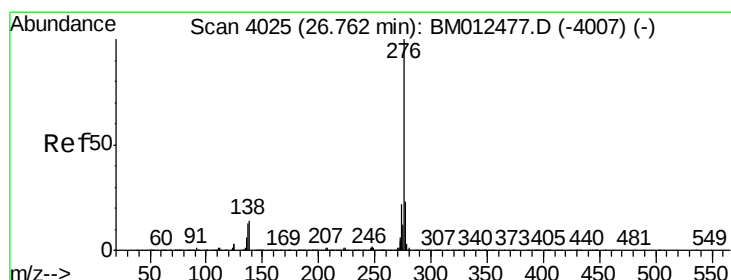
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->



Time-->



#91

Benzo(g,h,i)perylene

Concen: 17.91 ng/ul

RT: 26.81 min Scan# 4033

Delta R.T. 0.01 min

Lab File: BM012490.D

Acq: 27 Oct 2017 18:07

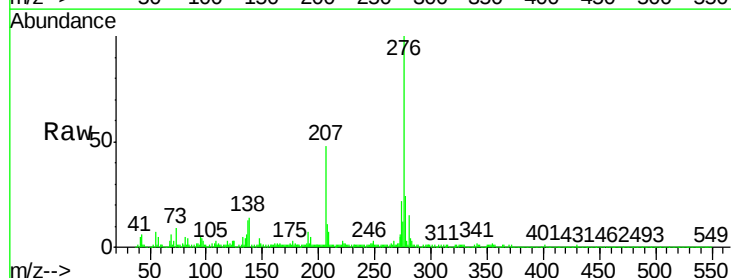
Tgt Ion:276 Resp: 2514407

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 13.8  | 8.5   | 12.7# |
| 277 | 24.1  | 18.6  | 28.0  |

276 100

138 13.8 8.5 12.7#

277 24.1 18.6 28.0

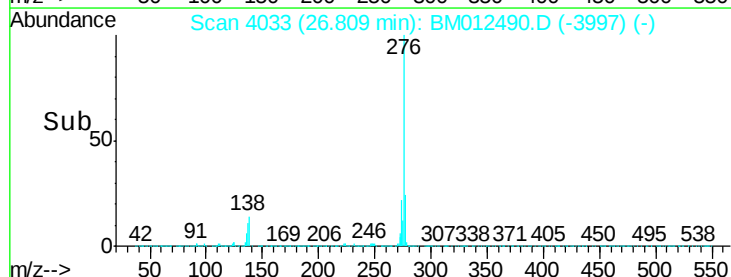


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

Time-->



Time-->