

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121918\  
 Data File : BG038757.D  
 Acq On : 20 Dec 2018 10:54  
 Operator : JU/SJ  
 Sample : PB115840BS  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Dec 20 12:22:58 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 12 15:26:27 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.05  | 152  | 26190    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.87 | 136  | 103007   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.69 | 164  | 69291    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.44 | 188  | 172580   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.72 | 240  | 175500   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.02 | 264  | 190339   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.61  | 112  | 181414   | 122.86 | ng    | 0.00     |
| 7) Phenol-d6                | 7.21  | 99   | 248128   | 122.41 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.23  | 82   | 146789   | 72.80  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.18 | 330  | 124178   | 130.04 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.31 | 172  | 379615   | 75.16  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.04 | 244  | 702773   | 87.15  | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.49  | 88   | 18958    | 27.586 | ng    | 97     |
| 3) Pyridine                    | 3.89  | 79   | 54258    | 28.676 | ng    | 95     |
| 4) n-Nitrosodimethylamine      | 3.82  | 42   | 34666    | 37.392 | ng    | # 88   |
| 6) Aniline                     | 7.38  | 93   | 29757    | 11.499 | ng    | 97     |
| 8) 2-Chlorophenol              | 7.62  | 128  | 67689    | 39.612 | ng    | 97     |
| 9) Benzaldehyde                | 7.20  | 77   | 19501    | 14.830 | ng    | 97     |
| 10) Phenol                     | 7.24  | 94   | 84329    | 39.157 | ng    | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.48  | 93   | 57583    | 33.584 | ng    | 92     |
| 12) 1,3-Dichlorobenzene        | 7.94  | 146  | 69516    | 34.407 | ng    | 98     |
| 13) 1,4-Dichlorobenzene        | 8.09  | 146  | 71938    | 34.765 | ng    | 97     |
| 14) 1,2-Dichlorobenzene        | 8.41  | 146  | 67993    | 34.854 | ng    | 98     |
| 15) Benzyl Alcohol             | 8.30  | 79   | 60123    | 37.999 | ng    | 94     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.58  | 45   | 121311   | 30.886 | ng    | 97     |
| 17) 2-Methylphenol             | 8.50  | 107  | 56855    | 39.404 | ng    | 97     |
| 18) Hexachloroethane           | 9.13  | 117  | 25736    | 34.036 | ng    | 89     |
| 19) n-Nitroso-di-n-propylamine | 8.86  | 70   | 46990    | 33.005 | ng    | 99     |
| 20) 3+4-Methylphenols          | 8.82  | 107  | 77582    | 38.933 | ng    | 97     |
| 22) Acetophenone               | 8.89  | 105  | 95495    | 37.116 | ng    | # 96   |
| 24) Nitrobenzene               | 9.27  | 77   | 74071    | 36.314 | ng    | 98     |
| 25) Isophorone                 | 9.79  | 82   | 132862   | 36.675 | ng    | 99     |
| 26) 2-Nitrophenol              | 9.99  | 139  | 38641    | 37.013 | ng    | 94     |
| 27) 2,4-Dimethylphenol         | 10.03 | 122  | 65655    | 43.881 | ng    | 96     |
| 28) bis(2-Chloroethoxy)methane | 10.27 | 93   | 76391    | 37.366 | ng    | 97     |
| 29) 2,4-Dichlorophenol         | 10.52 | 162  | 73479    | 44.145 | ng    | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.73 | 180  | 77371    | 38.482 | ng    | 98     |
| 31) Naphthalene                | 10.93 | 128  | 207313   | 40.848 | ng    | 98     |
| 32) Benzoic acid               | 10.19 | 122  | 25835    | 31.592 | ng    | # 85   |
| 33) 4-Chloroaniline            | 11.04 | 127  | 15141    | 6.872  | ng    | 96     |
| 34) Hexachlorobutadiene        | 11.18 | 225  | 50666    | 37.242 | ng    | 95     |
| 35) Caprolactam                | 11.82 | 113  | 23301    | 33.826 | ng    | 99     |
| 36) 4-Chloro-3-methylphenol    | 12.15 | 107  | 75228    | 39.605 | ng    | 98     |
| 37) 2-Methylnaphthalene        | 12.52 | 142  | 155219   | 42.869 | ng    | 98     |
| 38) 1-Methylnaphthalene        | 12.74 | 142  | 146282   | 41.634 | ng    | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.88 | 216  | 94583    | 36.518 | ng    | 99     |

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 Sample : PB115840BS  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

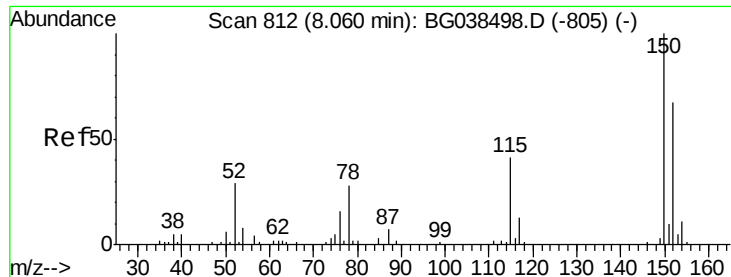
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Dec 20 12:22:58 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 12 15:26:27 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.85 | 237  | 113254   | 79.590 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol      | 13.13 | 196  | 65006    | 40.819 | ng    | 96       |
| 44) 2,4,5-Trichlorophenol      | 13.21 | 196  | 72849    | 43.205 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 13.52 | 154  | 203637   | 35.057 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.58 | 162  | 165891   | 36.971 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.79 | 65   | 51395    | 35.960 | ng    | 89       |
| 49) Acenaphthylene             | 14.42 | 152  | 271127   | 40.419 | ng    | 100      |
| 50) Dimethylphthalate          | 14.15 | 163  | 214888   | 37.976 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.27 | 165  | 48352    | 37.707 | ng    | 96       |
| 52) Acenaphthene               | 14.76 | 154  | 155170   | 38.685 | ng    | 99       |
| 53) 3-Nitroaniline             | 14.61 | 138  | 16795    | 12.848 | ng    | 100      |
| 54) 2,4-Dinitrophenol          | 14.82 | 184  | 41978    | 56.636 | ng    | 99       |
| 55) Dibenzofuran               | 15.09 | 168  | 263555   | 38.332 | ng    | 98       |
| 56) 4-Nitrophenol              | 14.92 | 139  | 71231    | 71.830 | ng    | 99       |
| 57) 2,4-Dinitrotoluene         | 15.06 | 165  | 70028    | 38.773 | ng    | 96       |
| 58) Fluorene                   | 15.74 | 166  | 211753   | 41.569 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.31 | 232  | 66039    | 43.533 | ng    | 96       |
| 60) Diethylphthalate           | 15.50 | 149  | 219343   | 35.310 | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.73 | 204  | 121973   | 38.376 | ng    | 96       |
| 62) 4-Nitroaniline             | 15.77 | 138  | 50599    | 37.599 | ng    | 95       |
| 63) Azobenzene                 | 16.02 | 77   | 189119   | 36.444 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 15.82 | 198  | 39390    | 31.996 | ng    | 96       |
| 66) n-Nitrosodiphenylamine     | 15.94 | 169  | 192492   | 37.961 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.63 | 248  | 81358    | 38.600 | ng    | 96       |
| 68) Hexachlorobenzene          | 16.74 | 284  | 85553    | 39.157 | ng    | 98       |
| 69) Atrazine                   | 16.88 | 200  | 79203    | 42.088 | ng    | 98       |
| 70) Pentachlorophenol          | 17.09 | 266  | 81283    | 62.897 | ng    | 96       |
| 71) Phenanthrene               | 17.48 | 178  | 369771   | 41.318 | ng    | 100      |
| 72) Anthracene                 | 17.58 | 178  | 378329   | 42.822 | ng    | 99       |
| 73) Carbazole                  | 17.85 | 167  | 326820   | 37.404 | ng    | 98       |
| 74) Di-n-butylphthalate        | 18.38 | 149  | 382631   | 38.164 | ng    | 98       |
| 75) Fluoranthene               | 19.49 | 202  | 459311   | 41.481 | ng    | 97       |
| 77) Benzidine                  | 19.67 | 184  | 117816   | 22.699 | ng    | 98       |
| 78) Pyrene                     | 19.86 | 202  | 456212   | 39.349 | ng    | 98       |
| 80) Butylbenzylphthalate       | 20.72 | 149  | 171525   | 37.867 | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.70 | 228  | 445329   | 41.643 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.61 | 252  | 78195    | 18.436 | ng    | 99       |
| 83) Chrysene                   | 21.77 | 228  | 415649   | 40.352 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.57 | 149  | 239129   | 37.223 | ng    | 97       |
| 85) Di-n-octyl phthalate       | 22.79 | 149  | 406053   | 37.741 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.80 | 276  | 504429   | 41.654 | ng    | # 94     |
| 88) Benzo(b)fluoranthene       | 23.96 | 252  | 444097   | 42.496 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 24.03 | 252  | 435053   | 41.806 | ng    | 98       |
| 90) Benzo(a)pyrene             | 24.86 | 252  | 436650   | 43.310 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 28.86 | 278  | 415223   | 41.364 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.99 | 276  | 417713   | 42.224 | ng    | 97       |

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



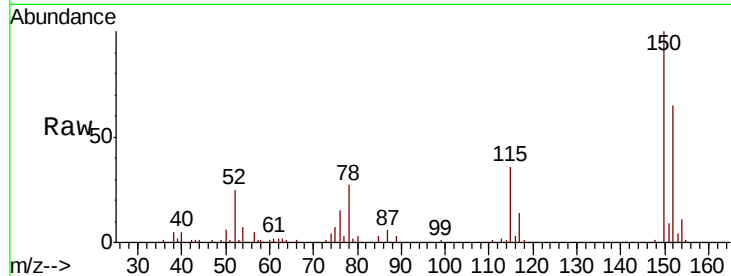


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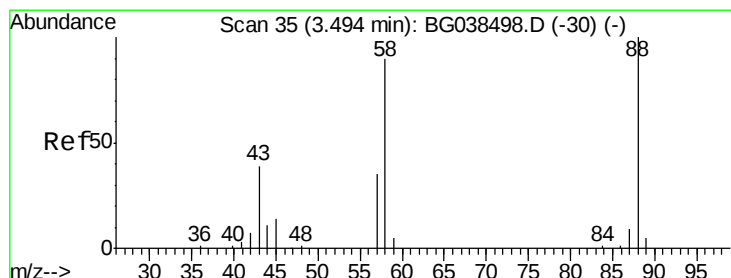
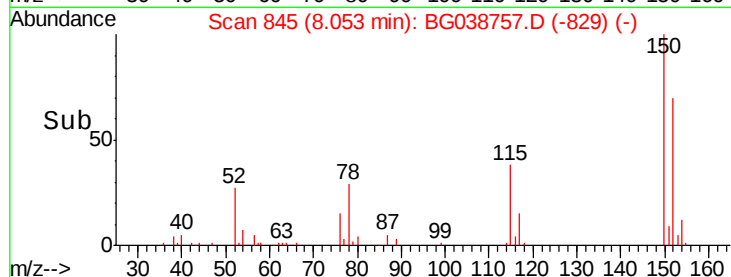
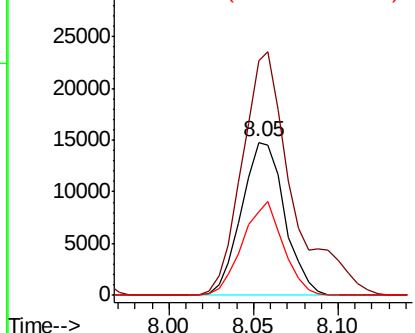
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.05 min Scan# 845  
Delta R.T. -0.01 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:152 Resp: 26190  
Ion Ratio Lower Upper  
152 100  
150 153.2 119.5 179.3  
115 54.5 49.6 74.4



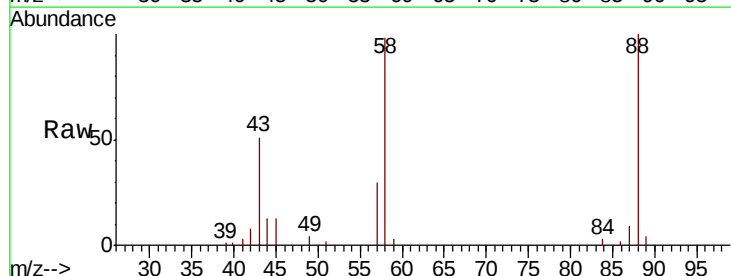
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



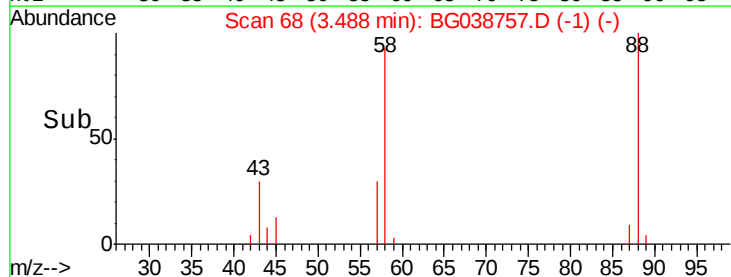
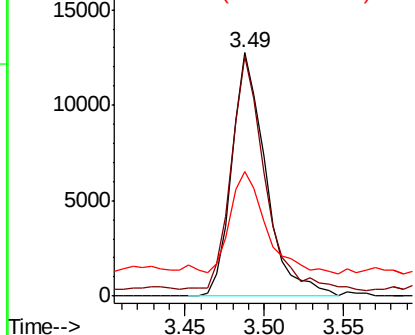
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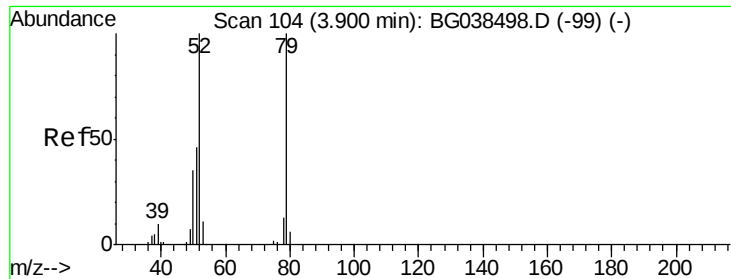
1,4-Dioxane  
Concen: 27.586 ng  
RT: 3.49 min Scan# 68  
Delta R.T. -0.01 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

Tgt Ion: 88 Resp: 18958  
Ion Ratio Lower Upper  
88 100  
58 95.3 75.7 113.5  
43 44.6 31.6 47.4



Abundance Ion 88.00 (87.70 to 88.70): BGC  
Ion 58.00 (57.70 to 58.70): BGC  
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 28.676 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

Instrument :

BNA\_G

ClientSampleId :

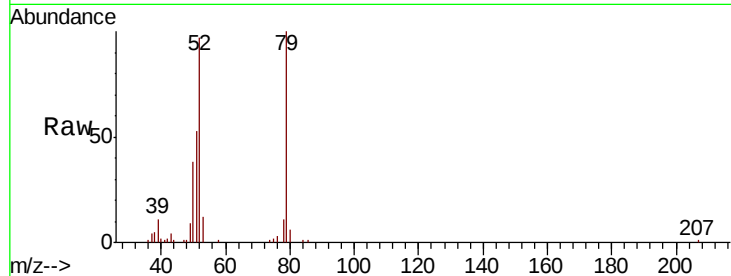
Tot Ion: 79 Resp: 54258

Ion Ratio Lower Upper

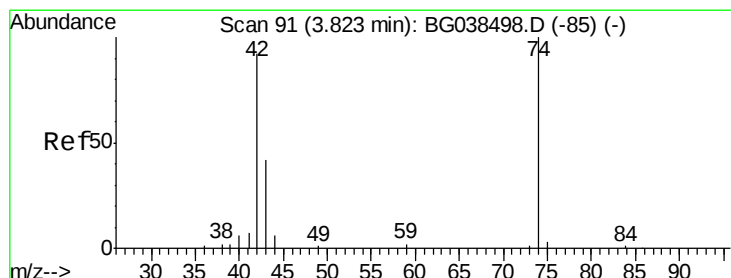
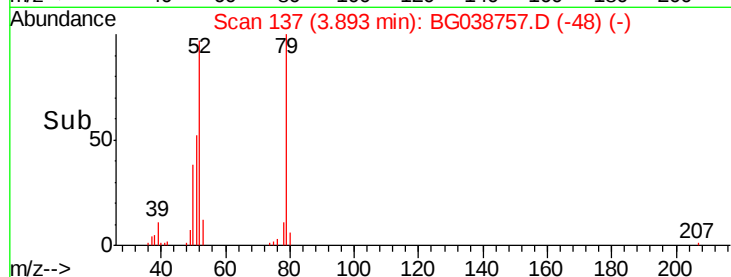
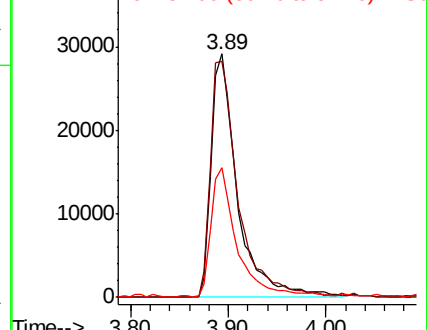
79 100

52 97.1 80.2 120.2

51 53.3 38.0 57.0



Abundance Ion 79.00 (78.70 to 79.70): BGC  
Ion 52.00 (51.70 to 52.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 37.392 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

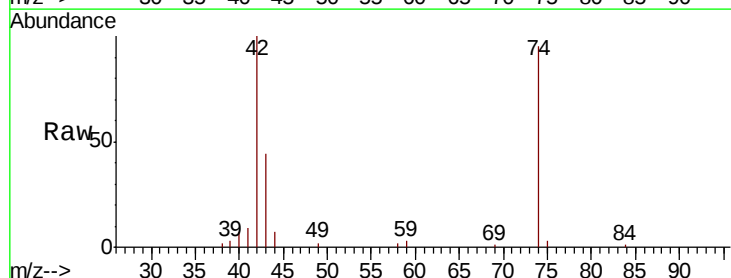
Tgt Ion: 42 Resp: 34666

Ion Ratio Lower Upper

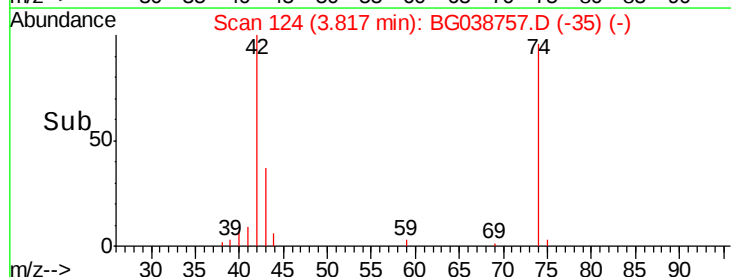
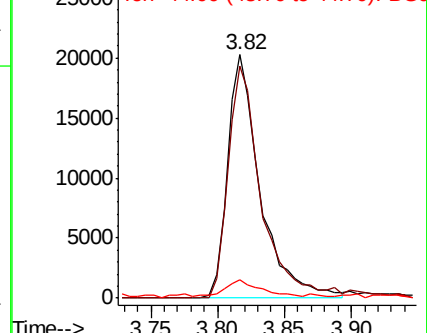
42 100

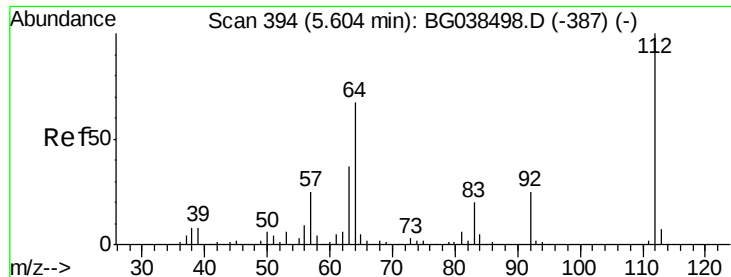
74 95.4 86.7 130.1

44 7.4 7.8 11.8#



Abundance Ion 42.00 (41.70 to 42.70): BGC  
Ion 74.00 (73.70 to 74.70): BGC  
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 122.858 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

Instrument :

BNA\_G

ClientSampled :

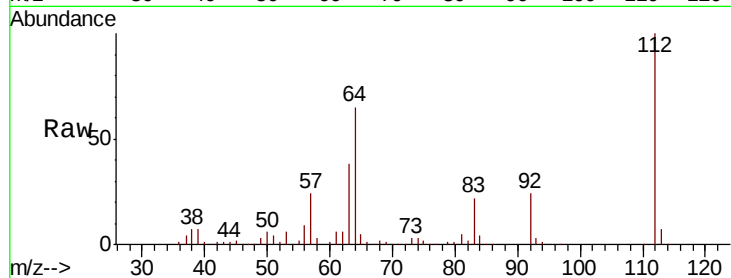
Tot Ion:112 Resp: 181414

Ion Ratio Lower Upper

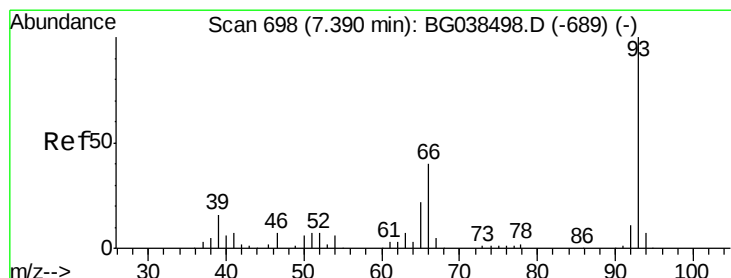
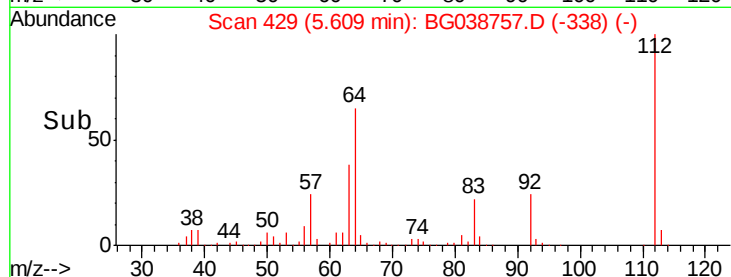
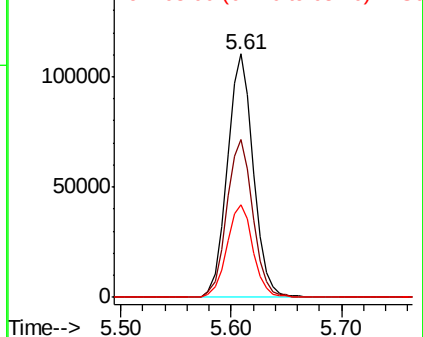
112 100

64 64.7 53.4 80.2

63 37.9 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): BGC  
Ion 64.00 (63.70 to 64.70): BGC  
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 11.499 ng

RT: 7.38 min Scan# 731

Delta R.T. -0.01 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

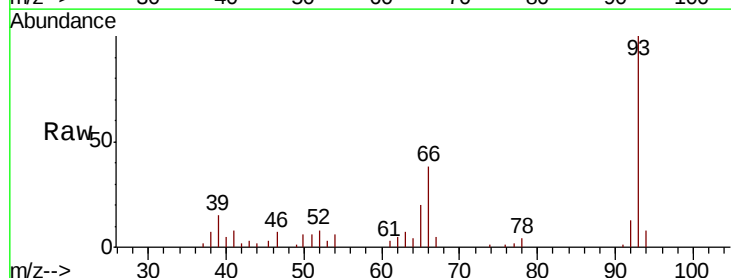
Tgt Ion: 93 Resp: 29757

Ion Ratio Lower Upper

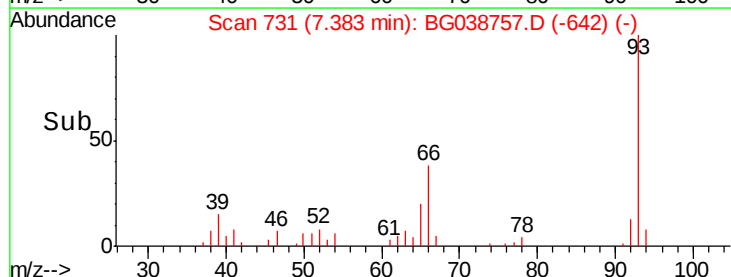
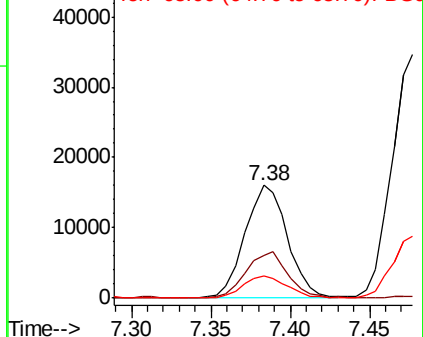
93 100

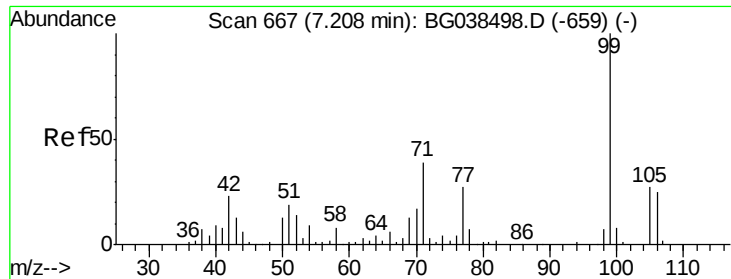
66 37.8 31.7 47.5

65 20.1 17.8 26.6



Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 122.405 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

Instrument :

BNA\_G

ClientSampleId :

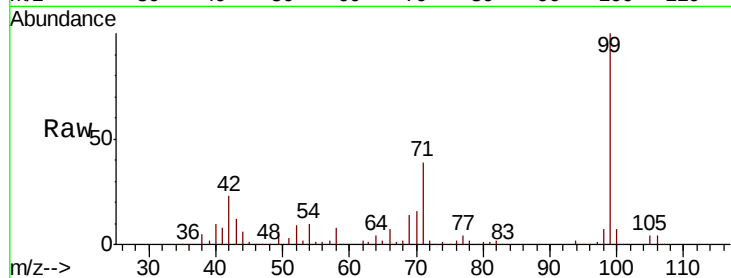
Tot Ion: 99 Resp: 248128

Ion Ratio Lower Upper

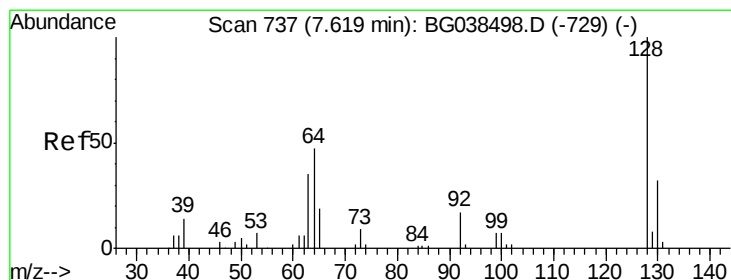
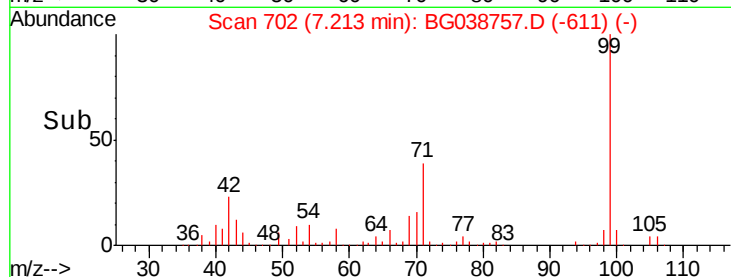
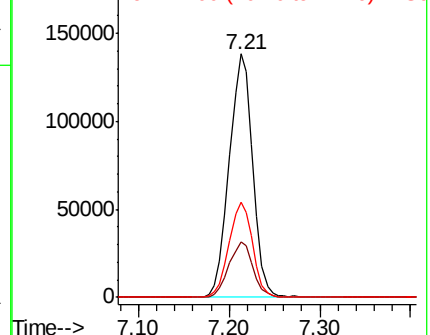
99 100

42 22.6 18.5 27.7

71 38.8 31.1 46.7



Abundance Ion 99.00 (98.70 to 99.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 39.612 ng

RT: 7.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

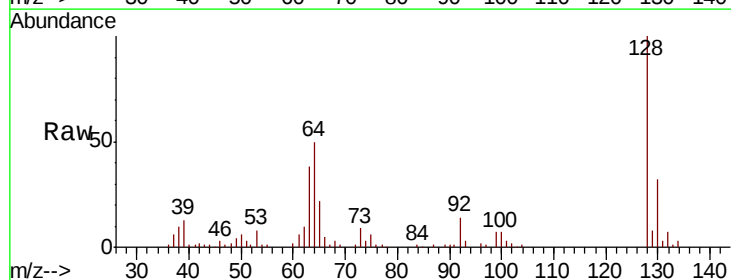
Tgt Ion: 128 Resp: 67689

Ion Ratio Lower Upper

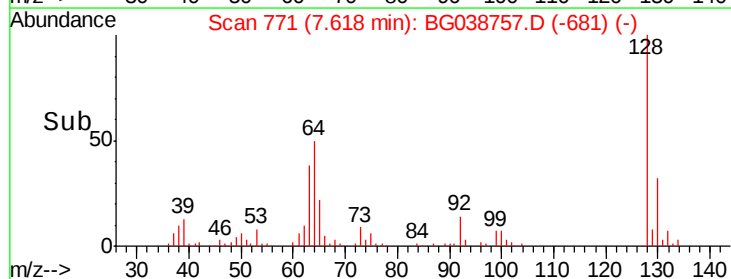
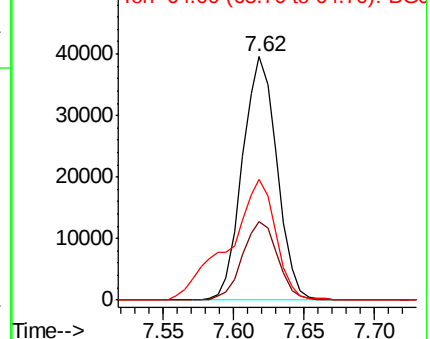
128 100

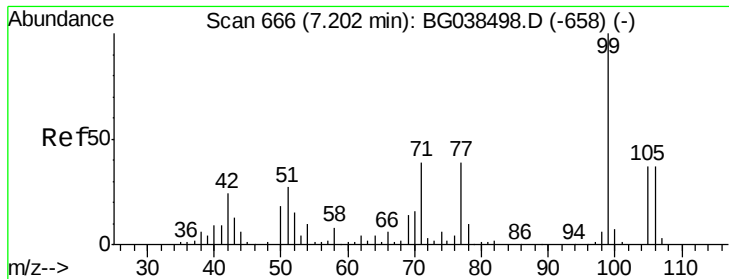
130 32.0 11.8 51.8

64 49.7 33.2 73.2



Abundance Ion 128.00 (127.70 to 128.70): BGC  
Ion 130.00 (129.70 to 130.70): BGC  
Ion 64.00 (63.70 to 64.70): BGC

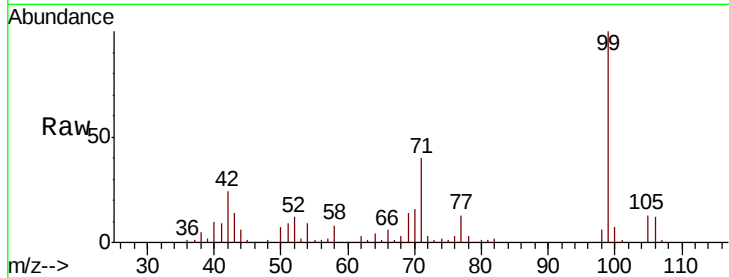




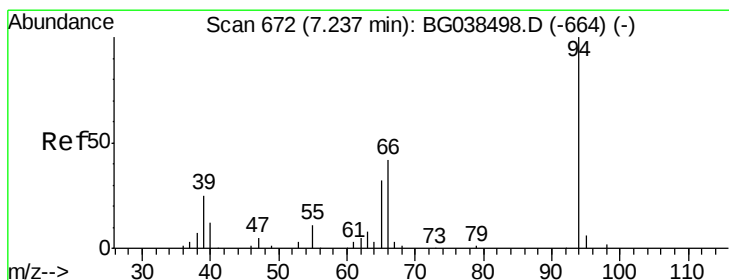
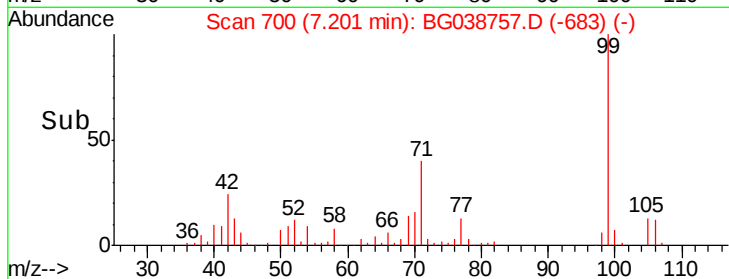
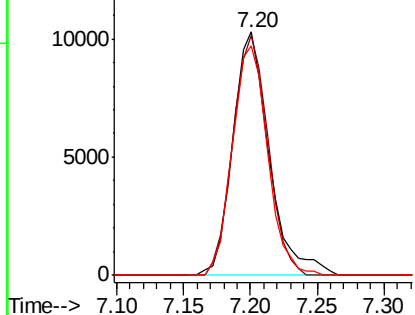
#9  
Benzaldehyde  
Concen: 14.830 ng  
RT: 7.20 min Scan# 700  
Delta R.T. -0.00 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion: 77 Resp: 19501  
Ion Ratio Lower Upper  
77 100  
105 98.7 74.0 114.0  
106 94.5 73.9 113.9

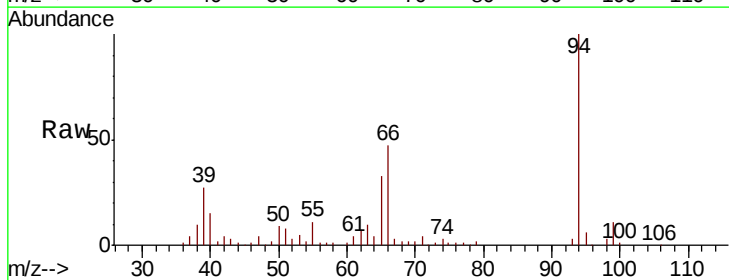


Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 106.00 (105.70 to 106.70): BGC

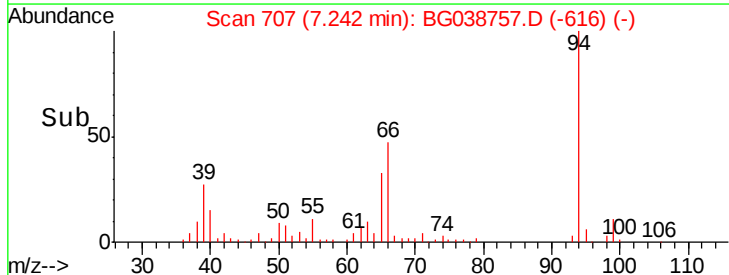
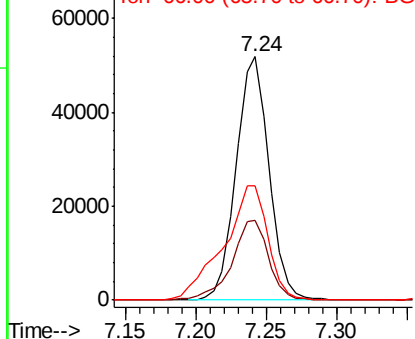


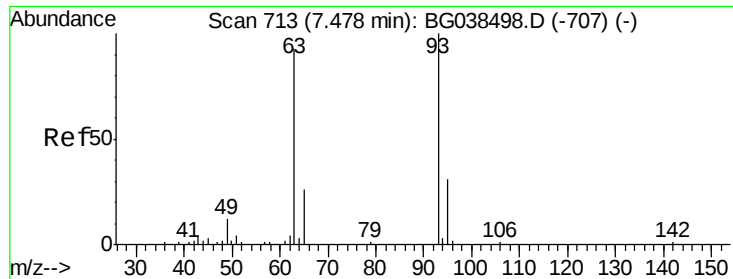
#10  
Phenol  
Concen: 39.157 ng  
RT: 7.24 min Scan# 707  
Delta R.T. 0.00 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

Tgt Ion: 94 Resp: 84329  
Ion Ratio Lower Upper  
94 100  
65 32.7 12.6 52.6  
66 46.8 24.1 64.1



Abundance Ion 94.00 (93.70 to 94.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC

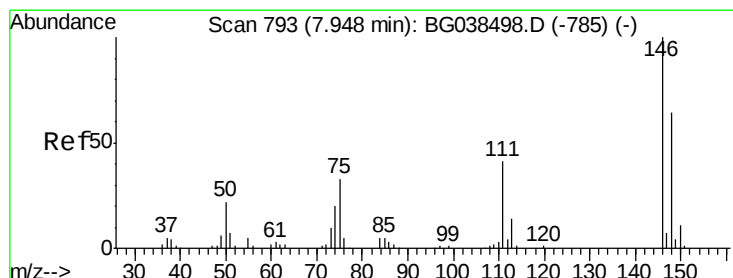
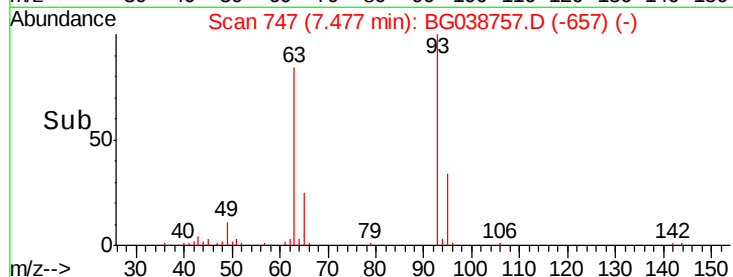
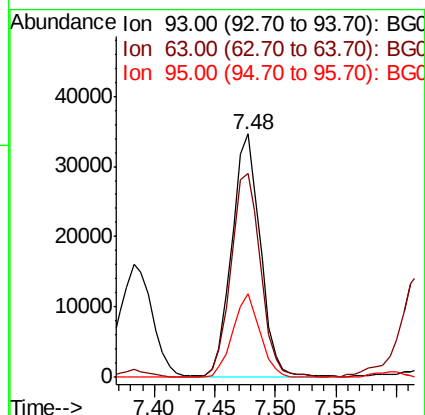
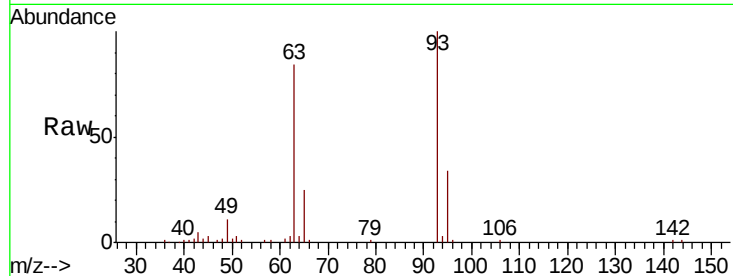




#11  
 bis(2-Chloroethyl)ether  
 Concen: 33.584 ng  
 RT: 7.48 min Scan# 747  
 Delta R.T. -0.00 min  
 Lab File: BG038757.D  
 Acq: 20 Dec 2018 10:54

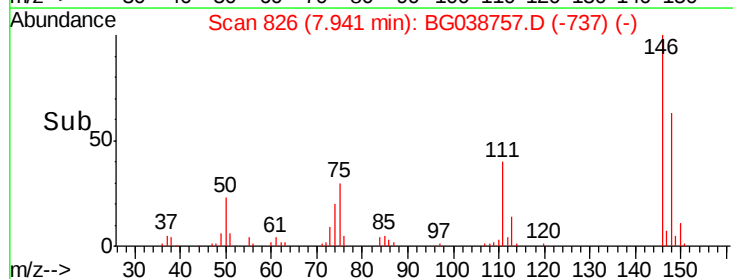
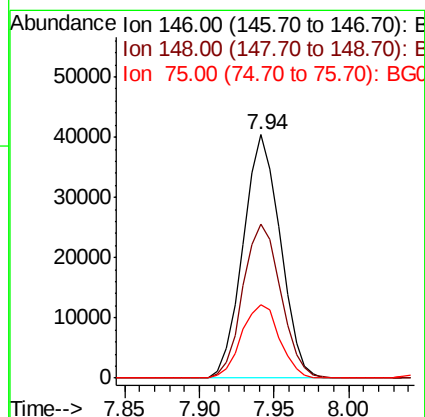
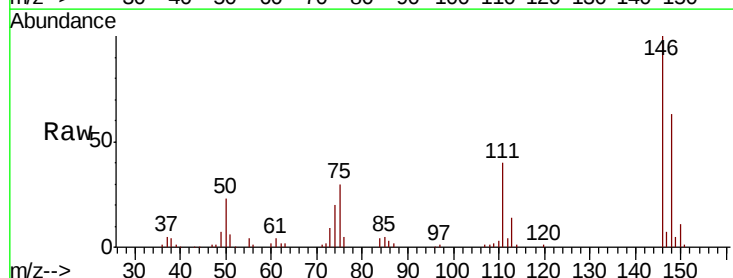
Instrument :  
 BNA\_G  
 ClientSampled :

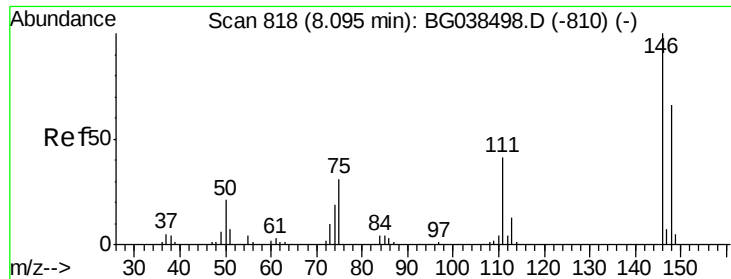
Tot Ion: 93 Resp: 57583  
 Ion Ratio Lower Upper  
 93 100  
 63 83.8 72.2 112.2  
 95 34.5 11.2 51.2



#12  
 1,3-Dichlorobenzene  
 Concen: 34.407 ng  
 RT: 7.94 min Scan# 826  
 Delta R.T. -0.01 min  
 Lab File: BG038757.D  
 Acq: 20 Dec 2018 10:54

Tgt Ion: 146 Resp: 69516  
 Ion Ratio Lower Upper  
 146 100  
 148 63.4 51.4 77.0  
 75 29.9 26.1 39.1

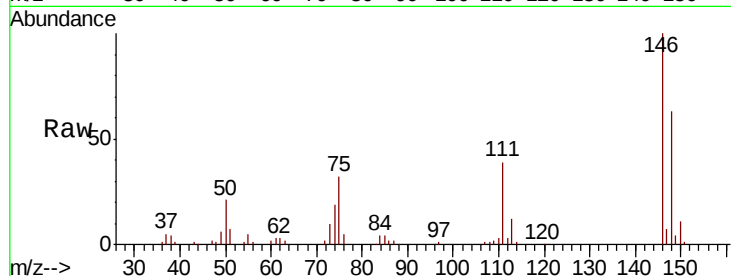




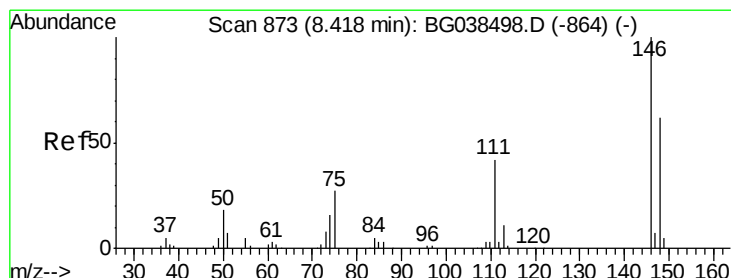
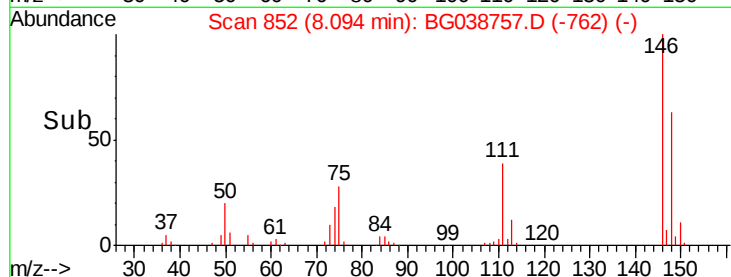
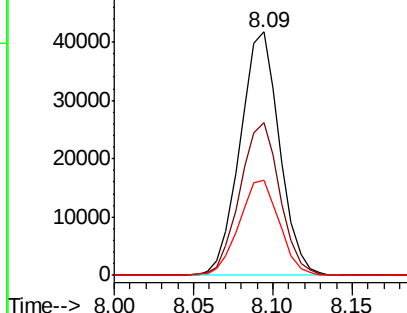
#13  
 1,4-Dichlorobenzene  
 Concen: 34.765 ng  
 RT: 8.09 min Scan# 852  
 Delta R.T. -0.00 min  
 Lab File: BG038757.D  
 Acq: 20 Dec 2018 10:54

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:146 Resp: 71938  
 Ion Ratio Lower Upper  
 146 100  
 148 62.9 52.4 78.6  
 111 39.0 33.0 49.4

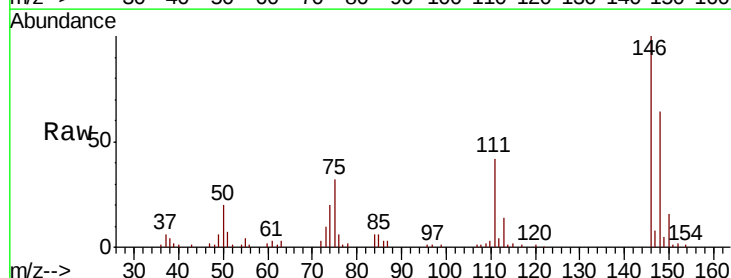


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

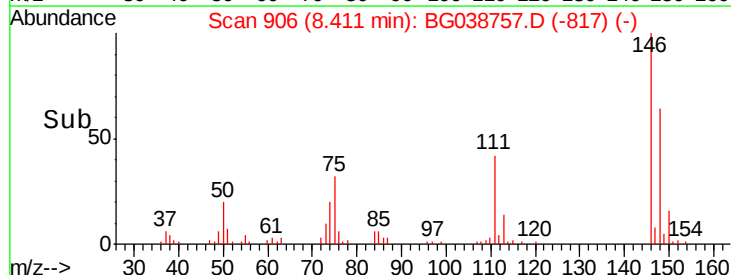
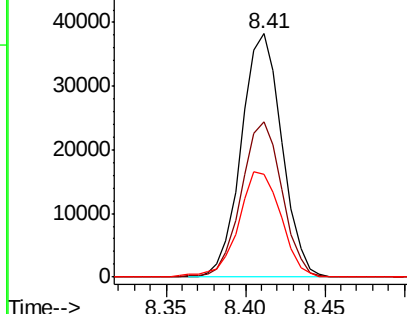


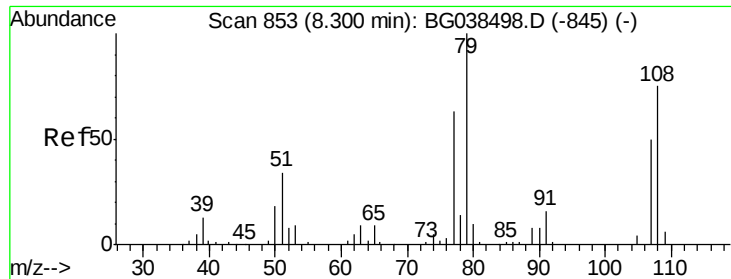
#14  
 1,2-Dichlorobenzene  
 Concen: 34.854 ng  
 RT: 8.41 min Scan# 906  
 Delta R.T. -0.01 min  
 Lab File: BG038757.D  
 Acq: 20 Dec 2018 10:54

Tgt Ion:146 Resp: 67993  
 Ion Ratio Lower Upper  
 146 100  
 148 63.8 49.4 74.0  
 111 42.2 33.8 50.6



Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.999 ng

RT: 8.30 min Scan# 887

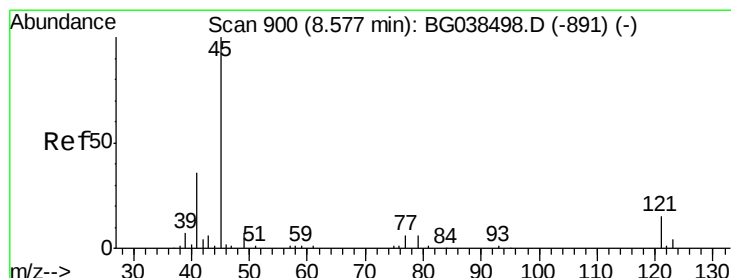
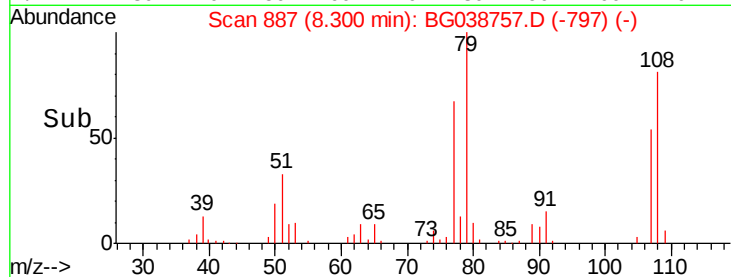
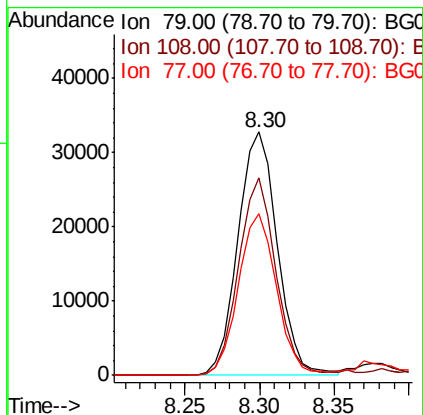
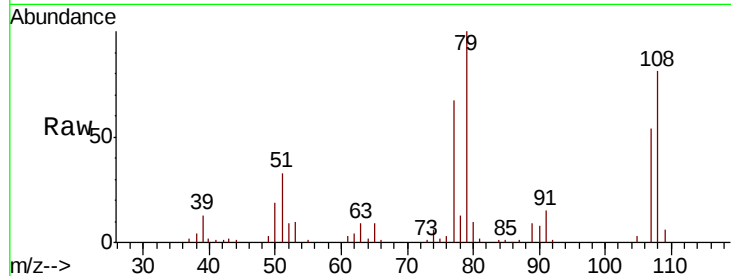
Delta R.T. -0.00 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

Instrument :  
BNA\_G  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 79    | Resp: | 60123 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 108      | 81.1  | 60.2  | 90.4  |
| 77       | 66.6  | 50.7  | 76.1  |



#16

2,2'-oxybis(1-chloropropane)

Concen: 30.886 ng

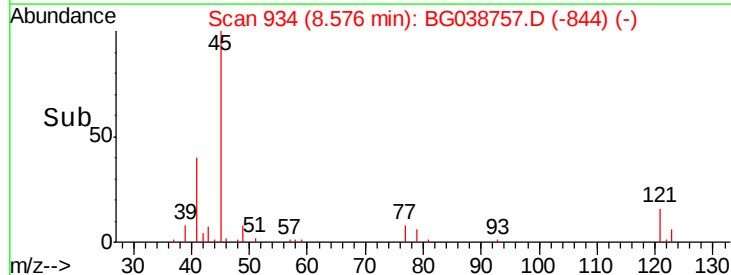
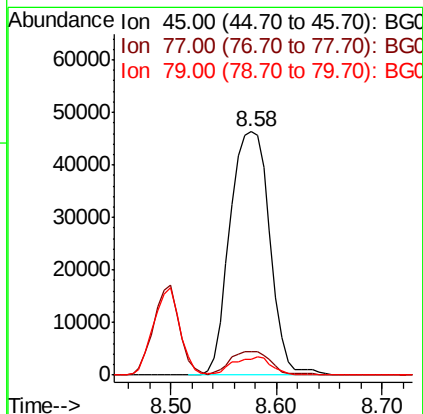
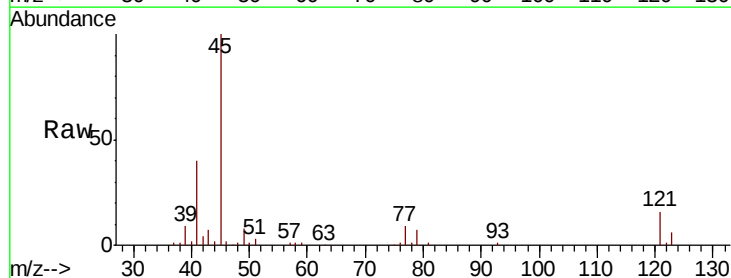
RT: 8.58 min Scan# 934

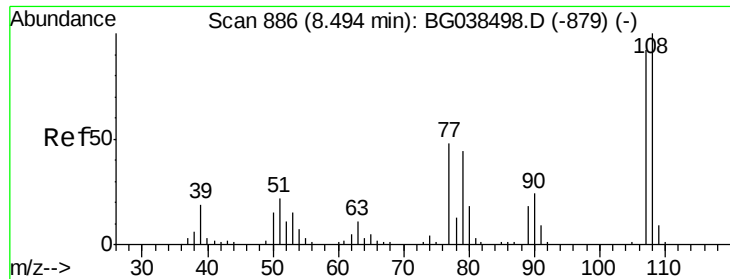
Delta R.T. -0.00 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 121311 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 77       | 9.4   | 0.0   | 28.2   |
| 79       | 6.6   | 0.0   | 27.2   |

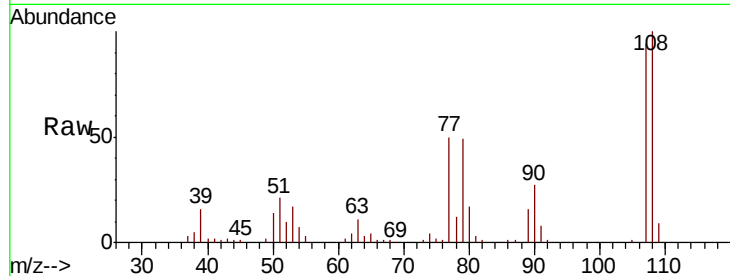




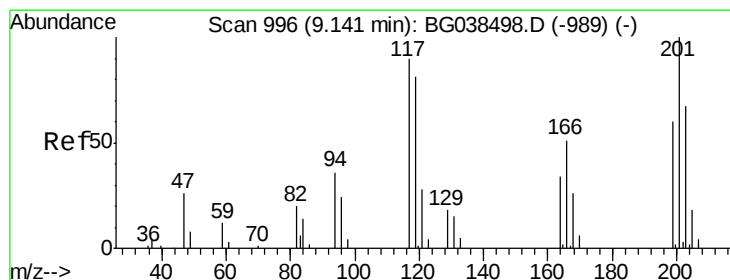
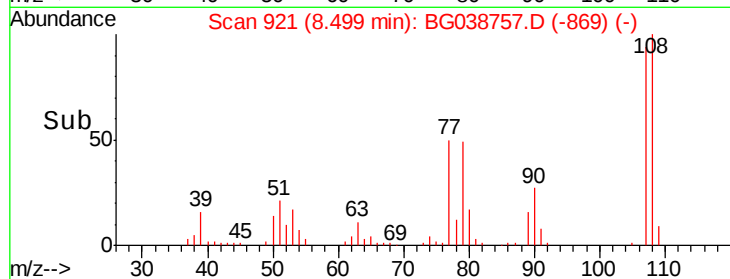
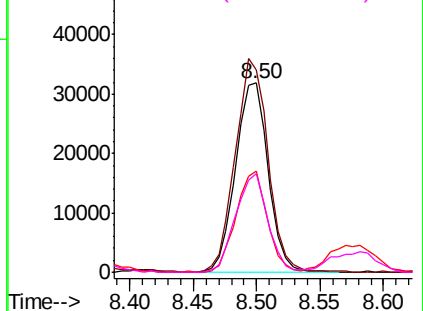
#17  
2-Methylphenol  
Concen: 39.404 ng  
RT: 8.50 min Scan# 921  
Delta R.T. 0.00 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:107 Resp: 56855  
Ion Ratio Lower Upper  
107 100  
108 106.8 87.1 130.7  
77 53.5 42.0 63.0  
79 52.2 38.2 57.2

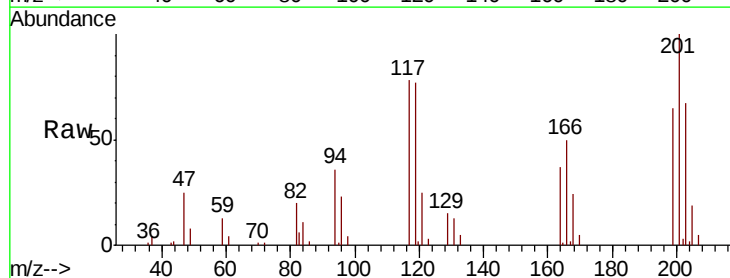


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

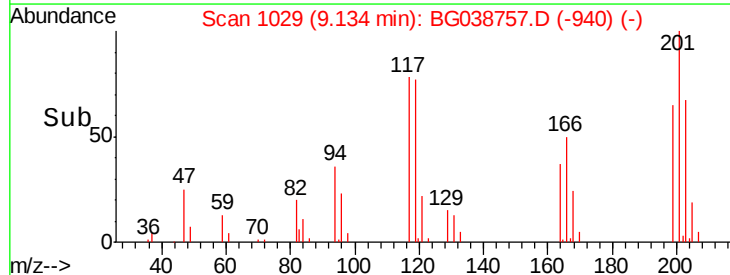
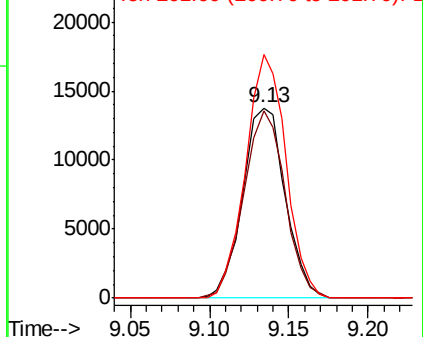


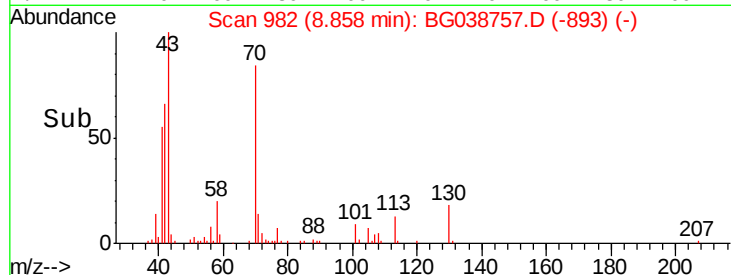
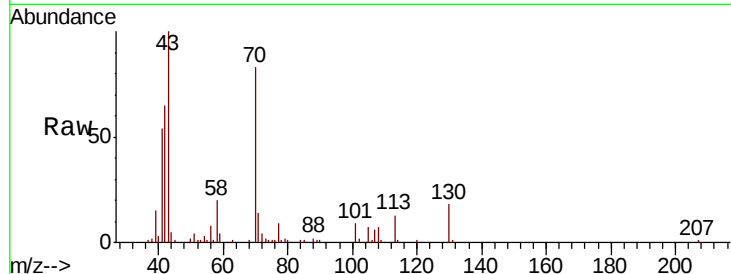
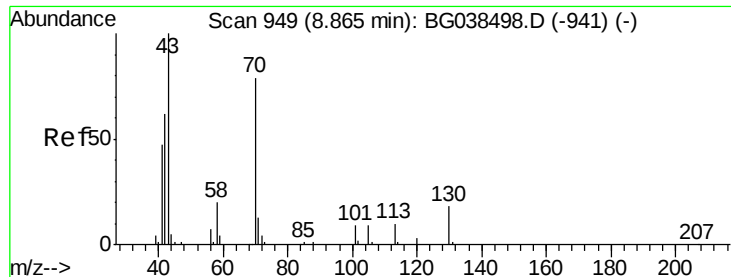
#18  
Hexachloroethane  
Concen: 34.036 ng  
RT: 9.13 min Scan# 1029  
Delta R.T. -0.01 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

Tgt Ion:117 Resp: 25736  
Ion Ratio Lower Upper  
117 100  
119 98.3 73.8 110.8  
201 128.0 89.4 134.0



Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E

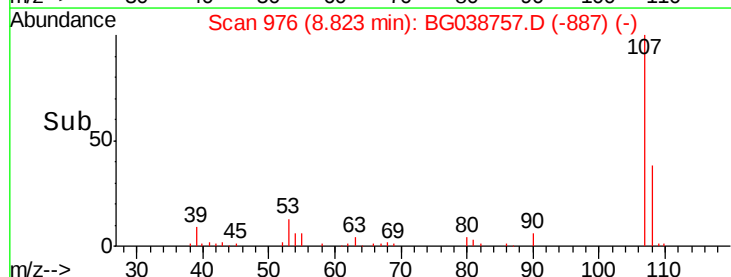
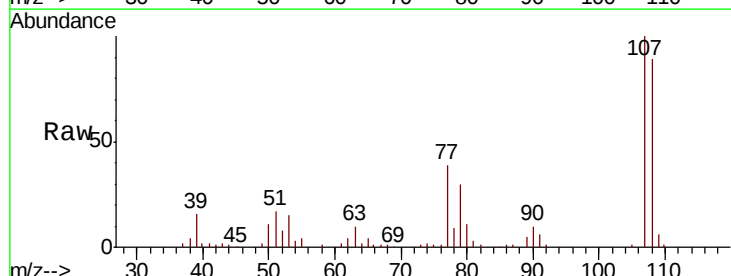
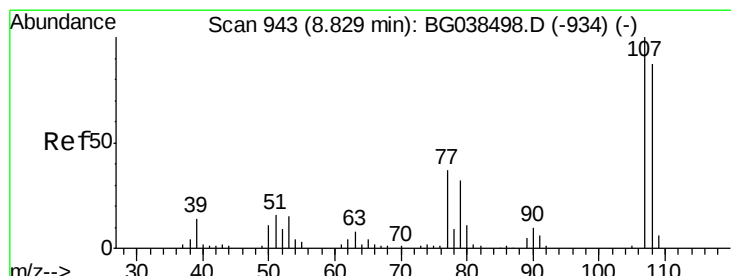
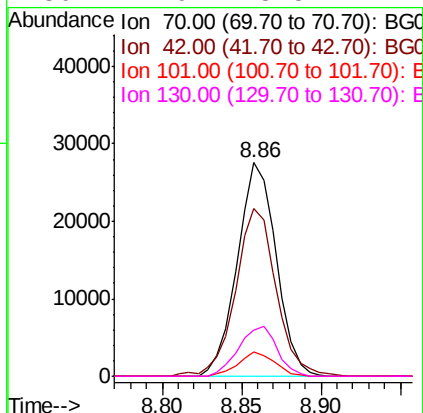




#19  
n-Nitroso-di-n-propylamine  
Concen: 33.005 ng  
RT: 8.86 min Scan# 982  
Delta R.T. -0.01 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

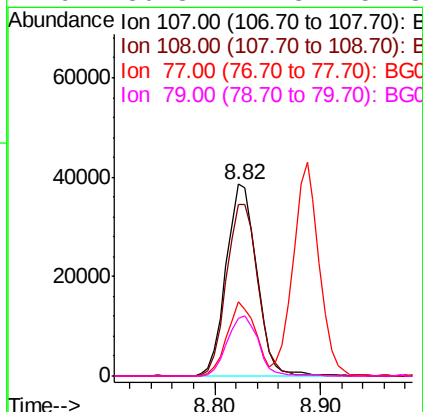
Instrument :  
BNA\_G  
ClientSampleId :

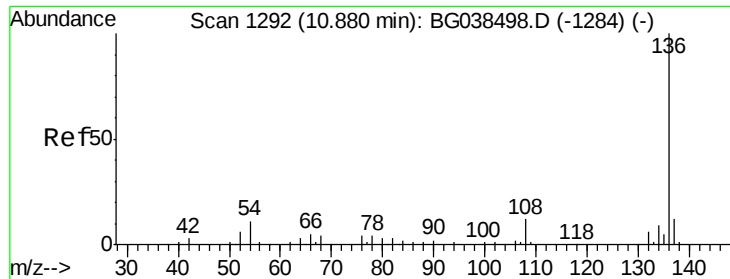
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 70    | Resp: | 46990 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 78.7  | 63.6  | 95.4  |
| 101      | 11.1  | 9.2   | 13.8  |
| 130      | 21.9  | 18.5  | 27.7  |



#20  
3+4-Methylphenols  
Concen: 38.933 ng  
RT: 8.82 min Scan# 976  
Delta R.T. -0.01 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 77582 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 89.4  | 66.7  | 106.7 |
| 77       | 38.7  | 17.3  | 57.3  |
| 79       | 30.3  | 12.3  | 52.3  |

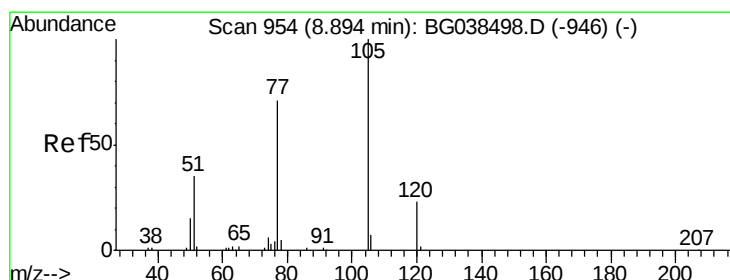
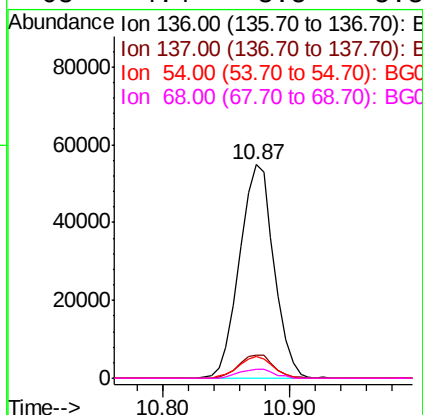
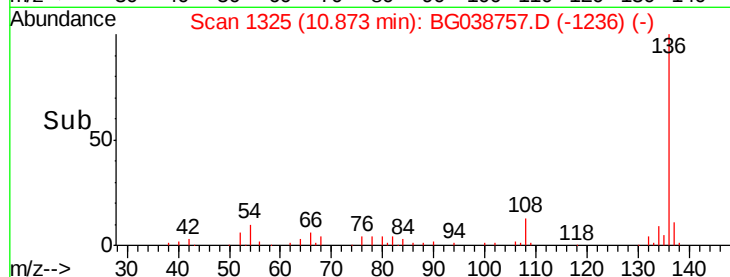
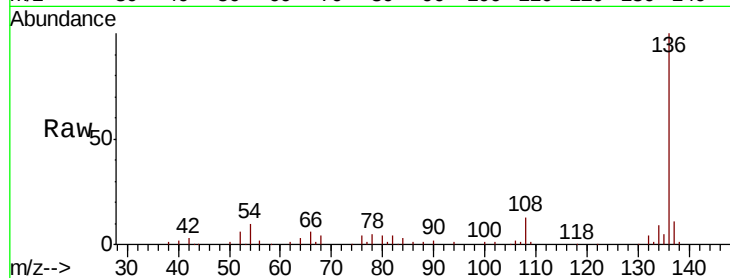




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.87 min Scan# 1325  
Delta R.T. -0.01 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

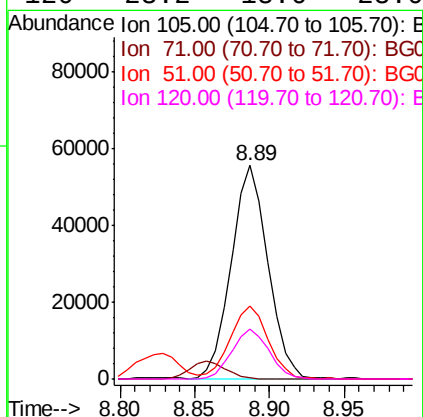
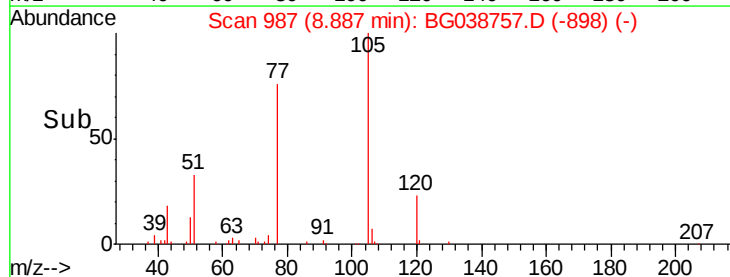
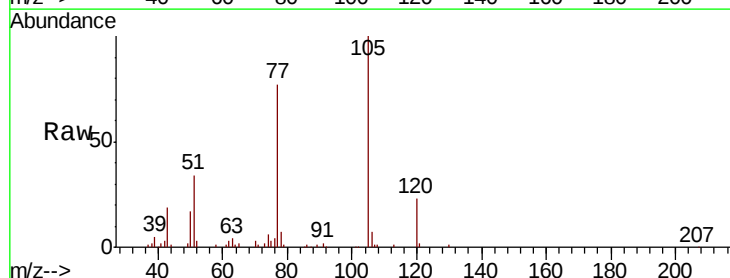
Instrument :  
BNA\_G  
ClientSampleId :

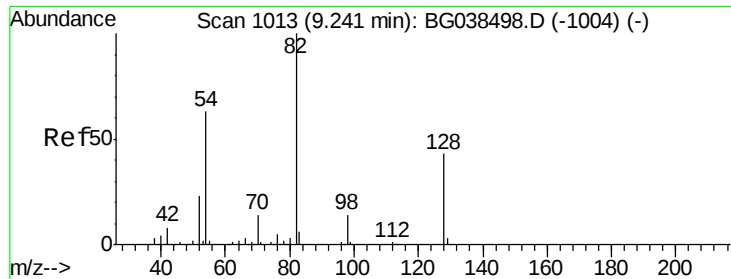
|             |       |             |
|-------------|-------|-------------|
| Tot Ion:136 | Resp: | 103007      |
| Ion         | Ratio | Lower Upper |
| 136         | 100   |             |
| 137         | 10.9  | 9.3 13.9    |
| 54          | 10.2  | 8.5 12.7    |
| 68          | 4.4   | 3.5 5.3     |



#22  
Acetophenone  
Concen: 37.116 ng  
RT: 8.89 min Scan# 987  
Delta R.T. -0.01 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:105 | Resp: | 95495       |
| Ion         | Ratio | Lower Upper |
| 105         | 100   |             |
| 71          | 0.6   | 0.4 0.6#    |
| 51          | 34.2  | 30.6 46.0   |
| 120         | 23.2  | 18.6 28.0   |

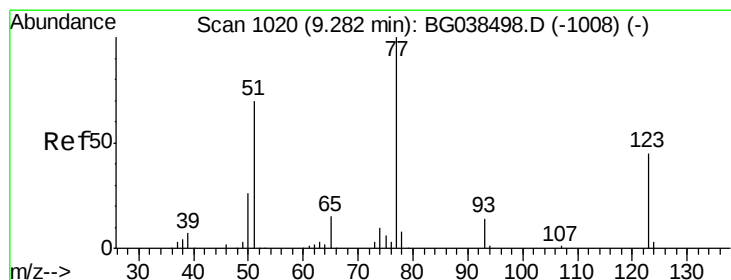
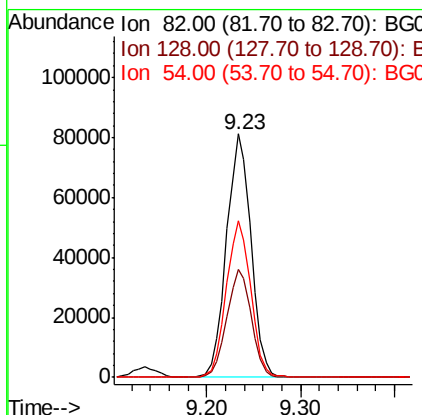
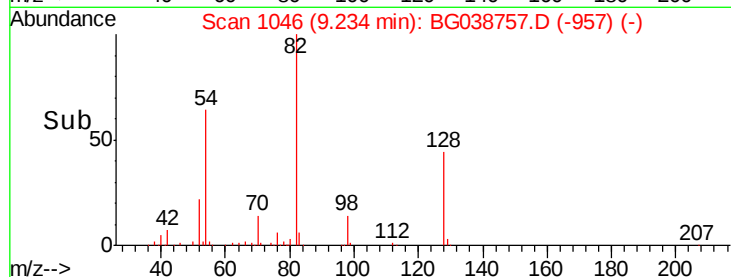
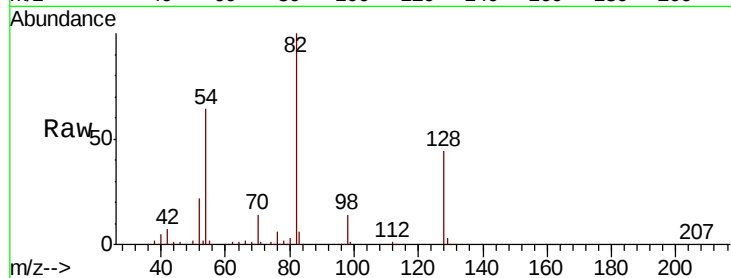




#23  
 Nitrobenzene-d5  
 Concen: 72.801 ng  
 RT: 9.23 min Scan# 1046  
 Delta R.T. -0.01 min  
 Lab File: BG038757.D  
 Acq: 20 Dec 2018 10:54

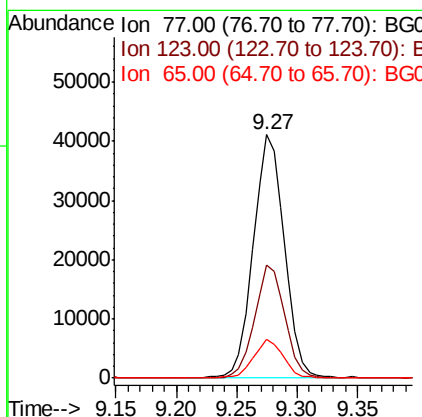
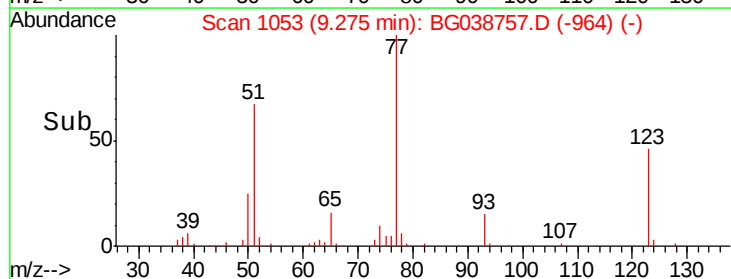
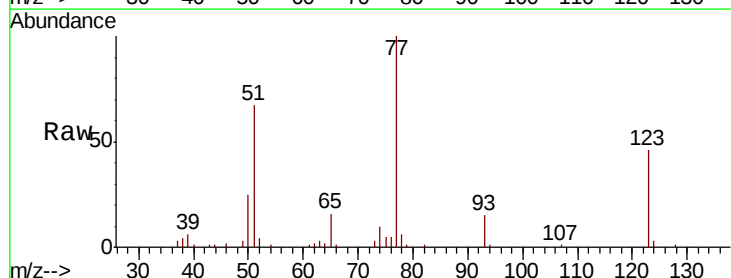
Instrument :  
 BNA\_G  
 ClientSampled :

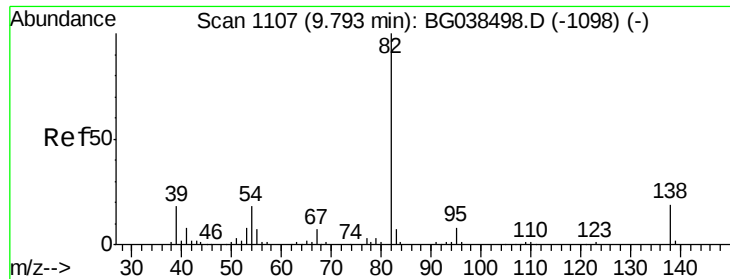
Tot Ion: 82 Resp: 146789  
 Ion Ratio Lower Upper  
 82 100  
 128 44.2 34.6 52.0  
 54 64.5 50.6 76.0



#24  
 Nitrobenzene  
 Concen: 36.314 ng  
 RT: 9.27 min Scan# 1053  
 Delta R.T. -0.01 min  
 Lab File: BG038757.D  
 Acq: 20 Dec 2018 10:54

Tgt Ion: 77 Resp: 74071  
 Ion Ratio Lower Upper  
 77 100  
 123 46.4 35.9 53.9  
 65 16.0 12.0 18.0





#25

Isophorone

Concen: 36.675 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

Instrument :

BNA\_G

ClientSampleId :

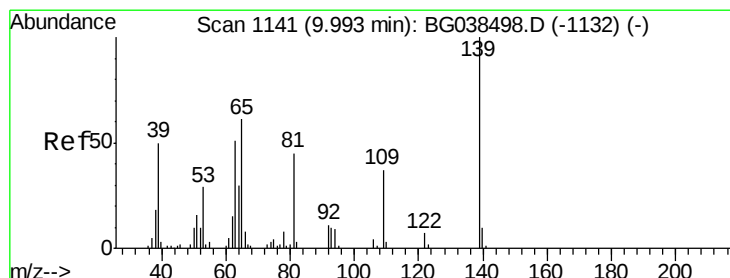
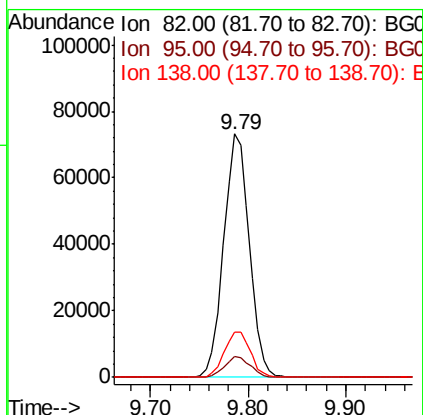
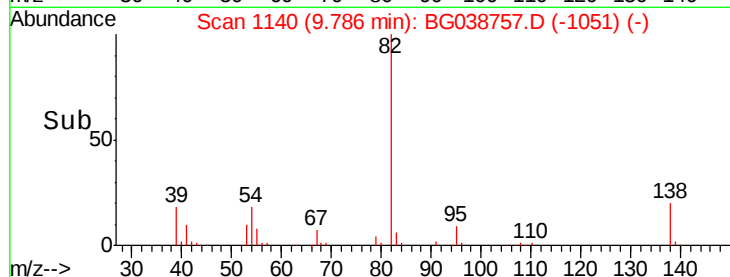
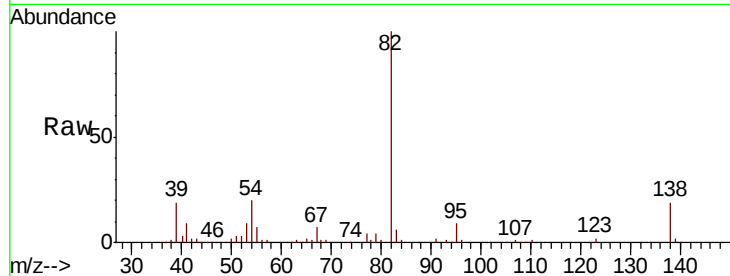
Tot Ion: 82 Resp: 132862

Ion Ratio Lower Upper

82 100

95 8.8 6.1 9.1

138 18.6 14.9 22.3



#26

2-Nitrophenol

Concen: 37.013 ng

RT: 9.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

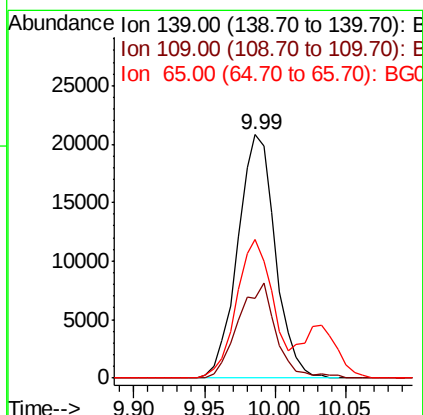
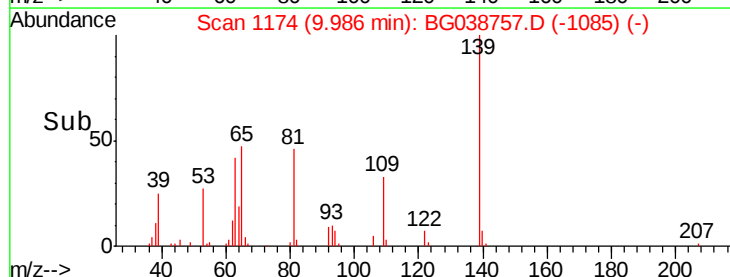
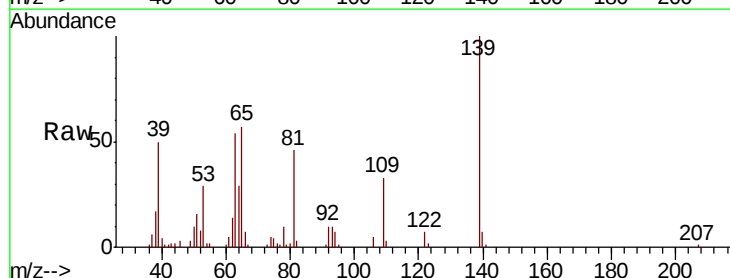
Tgt Ion: 139 Resp: 38641

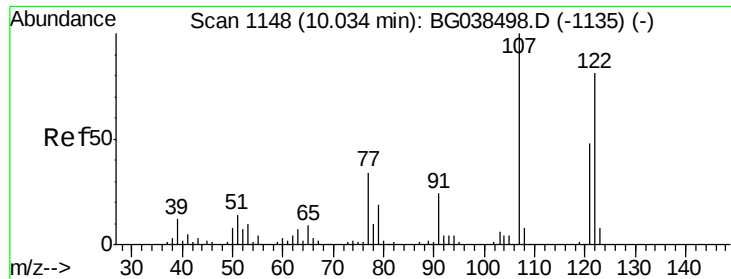
Ion Ratio Lower Upper

139 100

109 32.8 29.5 44.3

65 56.8 48.5 72.7

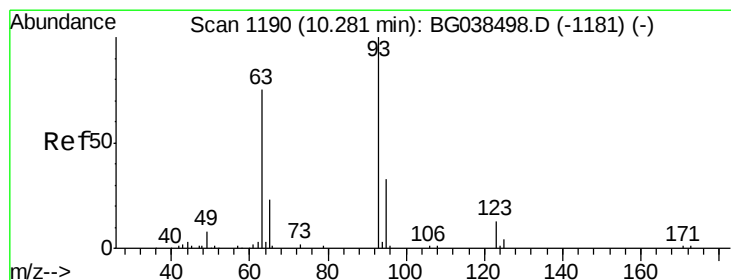
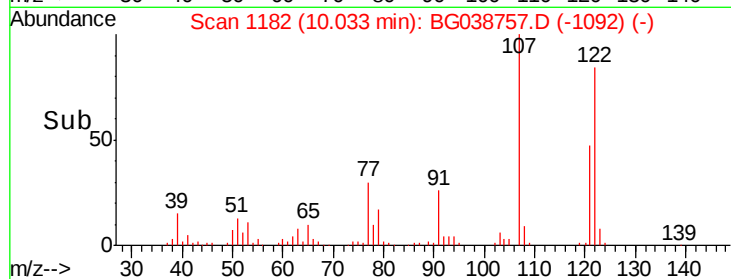
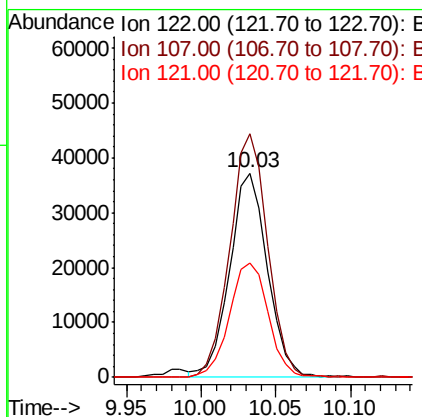
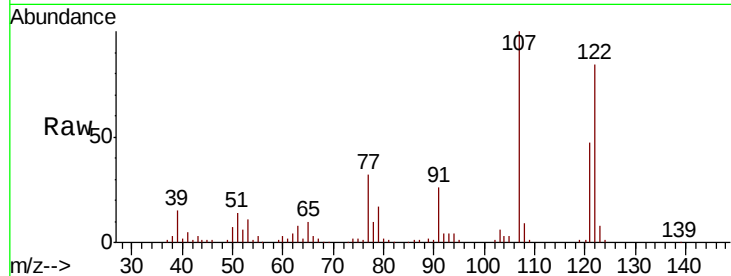




#27  
2,4-Dimethylphenol  
Concen: 43.881 ng  
RT: 10.03 min Scan# 1182  
Delta R.T. -0.00 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

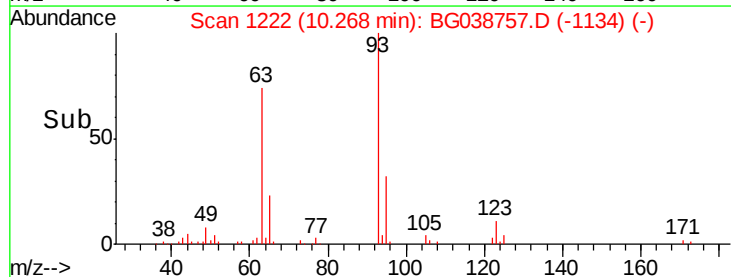
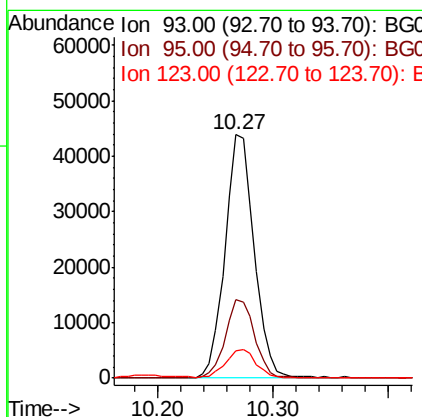
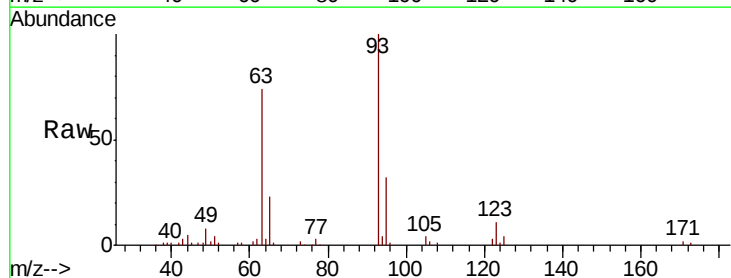
Instrument :  
BNA\_G  
ClientSampleId :

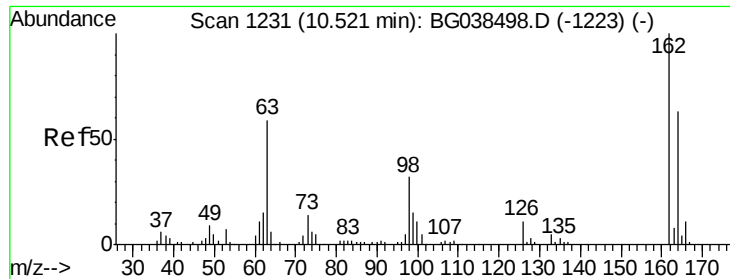
Tot Ion:122 Resp: 65655  
Ion Ratio Lower Upper  
122 100  
107 119.2 98.4 147.6  
121 56.1 47.2 70.8



#28  
bis(2-Chloroethoxy)methane  
Concen: 37.366 ng  
RT: 10.27 min Scan# 1222  
Delta R.T. -0.01 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

Tgt Ion: 93 Resp: 76391  
Ion Ratio Lower Upper  
93 100  
95 32.5 26.6 40.0  
123 11.2 10.6 16.0

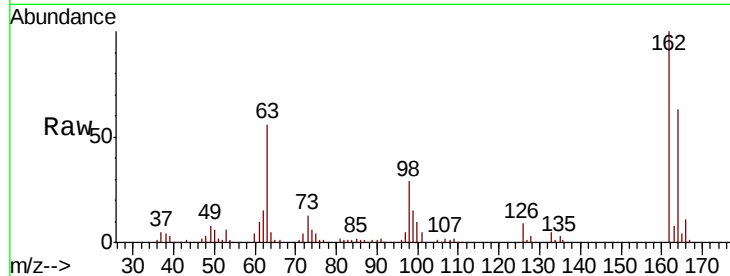




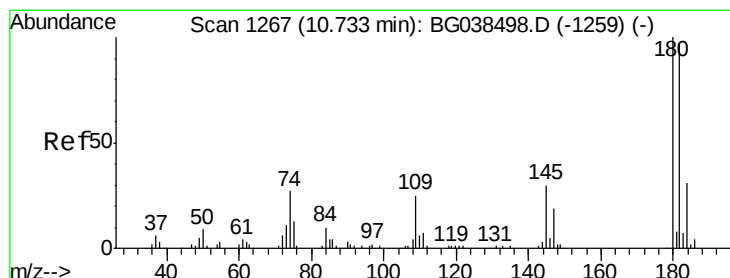
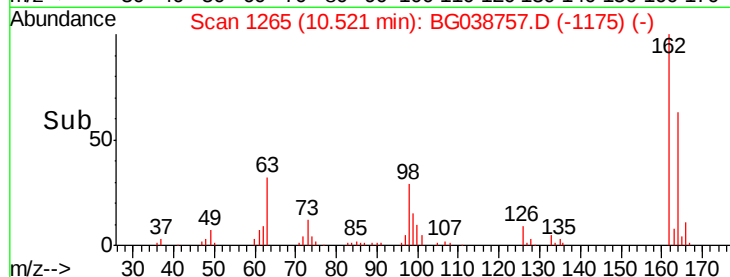
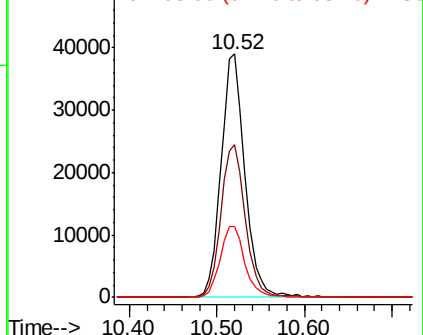
#29  
 2,4-Dichlorophenol  
 Concen: 44.145 ng  
 RT: 10.52 min Scan# 1265  
 Delta R.T. -0.00 min  
 Lab File: BG038757.D  
 Acq: 20 Dec 2018 10:54

Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion:162 Resp: 73479  
 Ion Ratio Lower Upper  
 162 100  
 164 62.8 42.9 82.9  
 98 29.2 12.1 52.1

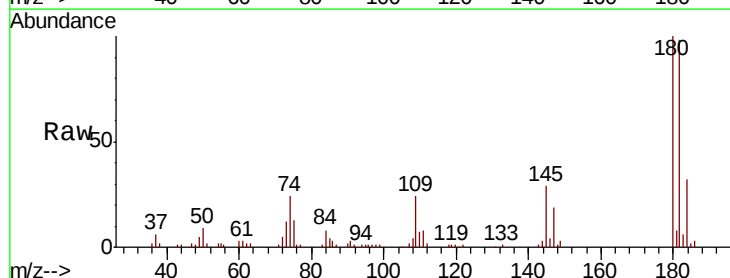


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): B

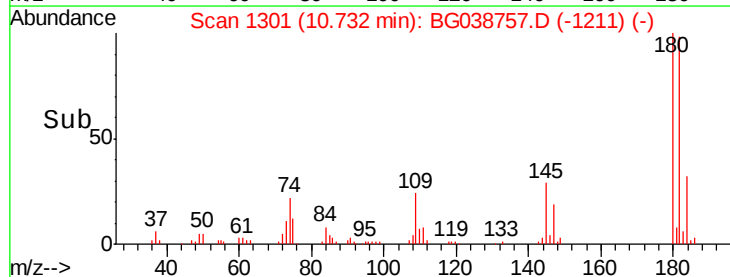
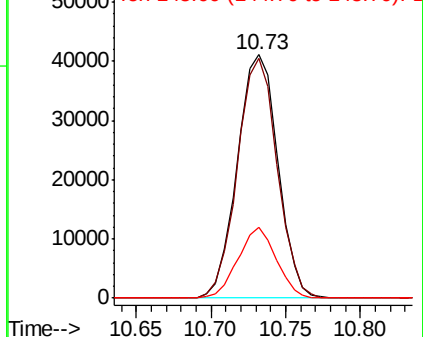


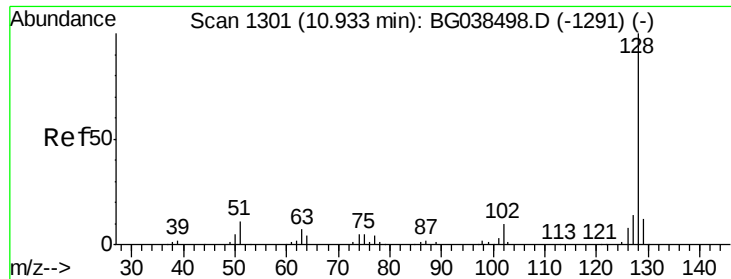
#30  
 1,2,4-Trichlorobenzene  
 Concen: 38.482 ng  
 RT: 10.73 min Scan# 1301  
 Delta R.T. -0.00 min  
 Lab File: BG038757.D  
 Acq: 20 Dec 2018 10:54

Tgt Ion:180 Resp: 77371  
 Ion Ratio Lower Upper  
 180 100  
 182 98.3 77.4 116.0  
 145 29.0 24.1 36.1



Abundance Ion 180.00 (179.70 to 180.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 145.00 (144.70 to 145.70): E

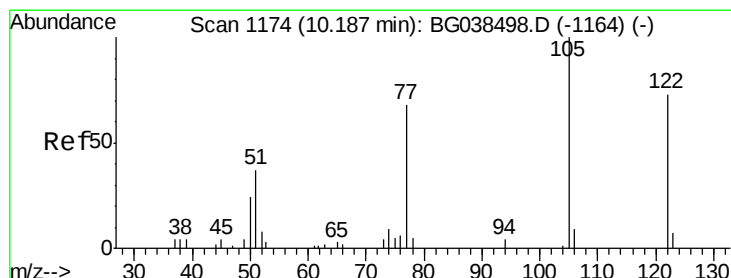
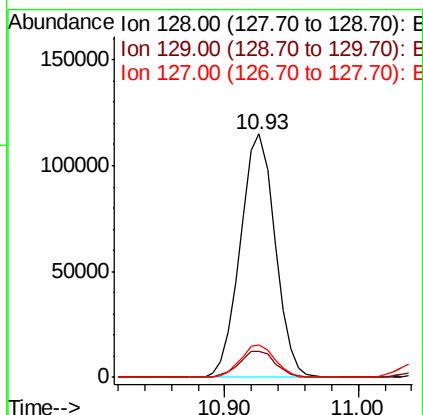
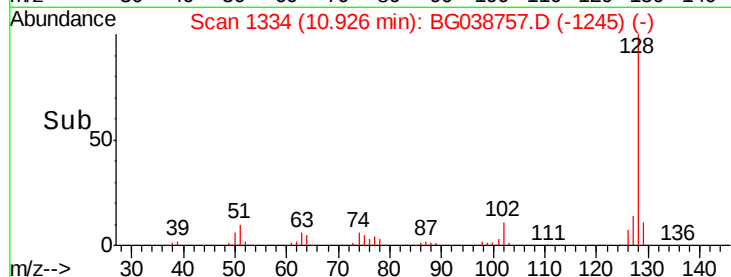
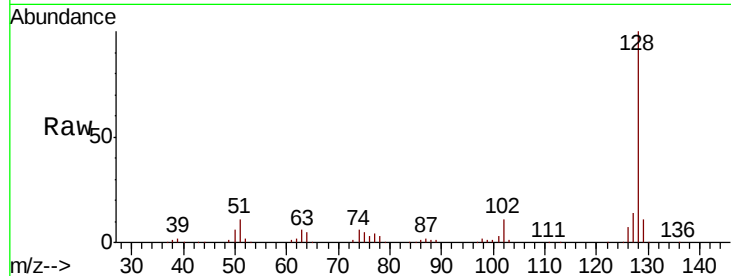




#31  
Naphthalene  
Concen: 40.848 ng  
RT: 10.93 min Scan# 1334  
Delta R.T. -0.01 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

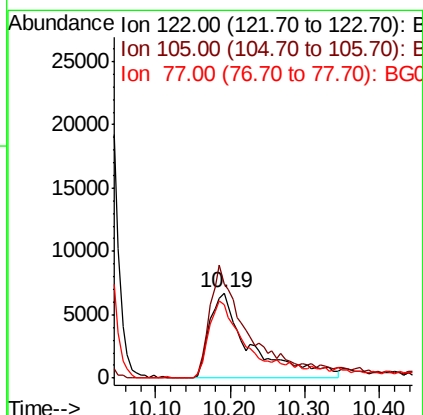
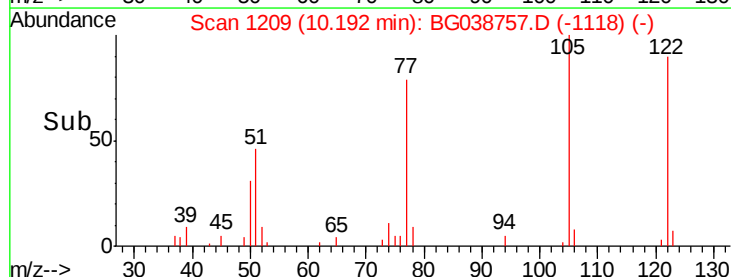
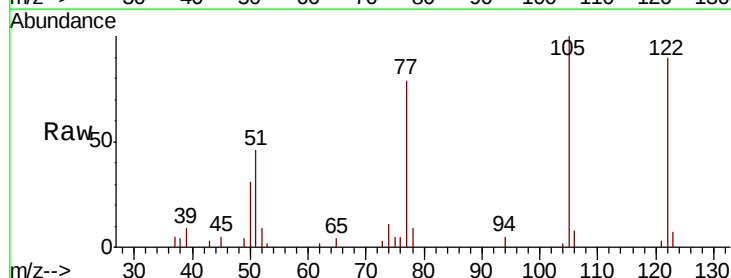
Instrument :  
BNA\_G  
ClientSampleId :

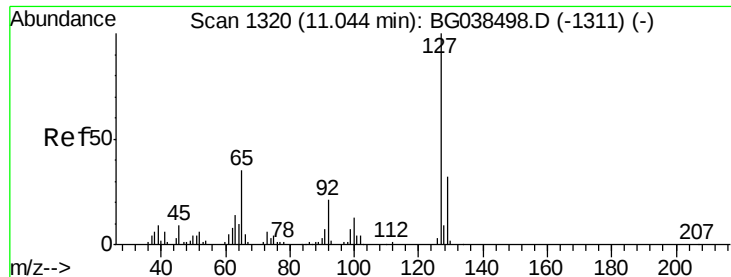
Tot Ion:128 Resp: 207313  
Ion Ratio Lower Upper  
128 100  
129 10.6 9.5 14.3  
127 13.6 10.9 16.3



#32  
Benzoic acid  
Concen: 31.592 ng  
RT: 10.19 min Scan# 1209  
Delta R.T. 0.01 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

Tgt Ion:122 Resp: 25835  
Ion Ratio Lower Upper  
122 100  
105 110.5 116.7 156.7#  
77 86.8 72.5 112.5

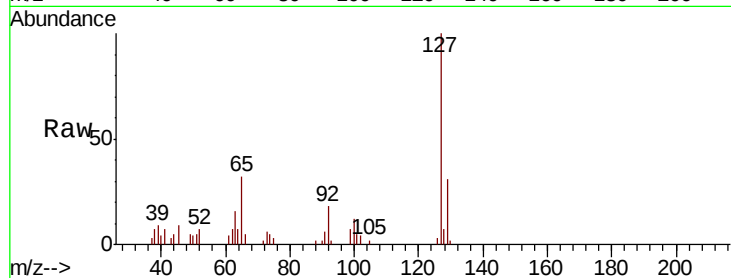




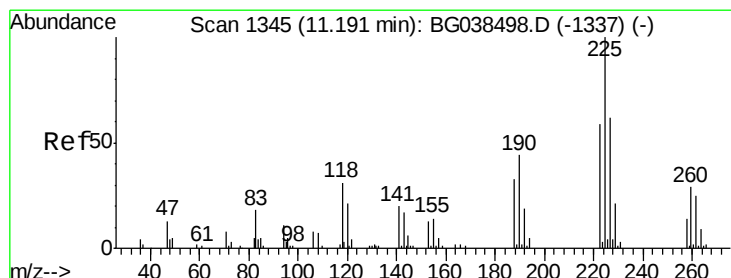
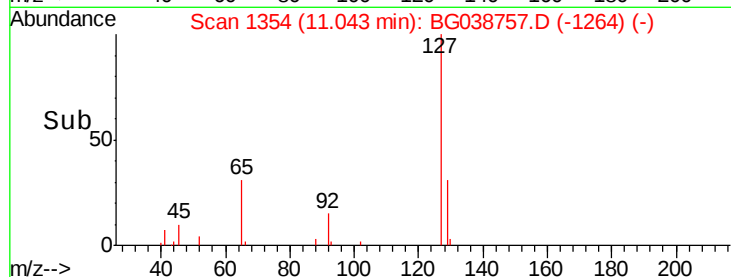
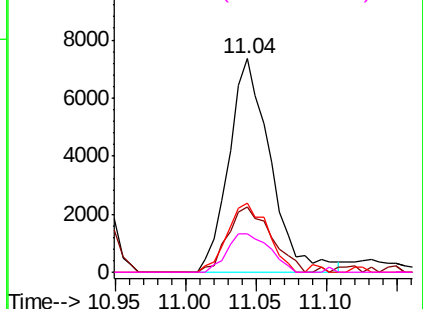
#33  
4-Chloroaniline  
Concen: 6.872 ng  
RT: 11.04 min Scan# 1354  
Delta R.T. -0.00 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

Instrument :  
BNA\_G  
ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:127 | Resp: | 15141     |
| Ion Ratio   | Lower | Upper     |
| 127         | 100   |           |
| 129         | 30.8  | 25.8 38.8 |
| 65          | 32.4  | 27.8 41.6 |
| 92          | 18.3  | 17.0 25.6 |

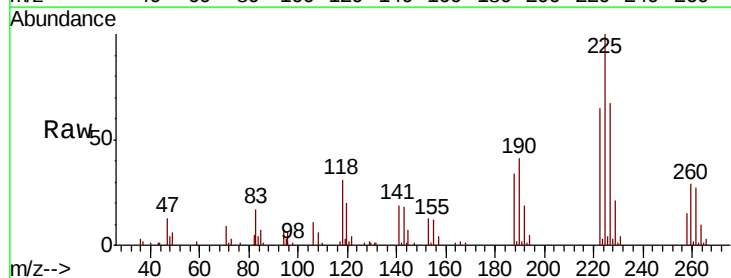


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

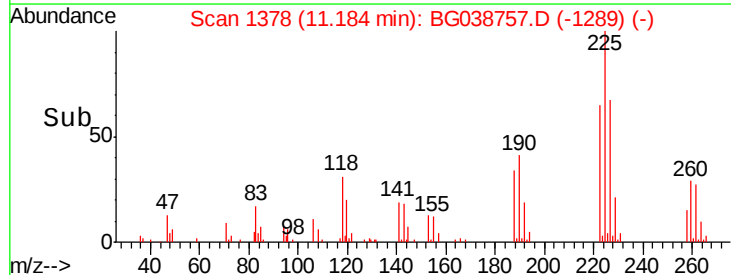
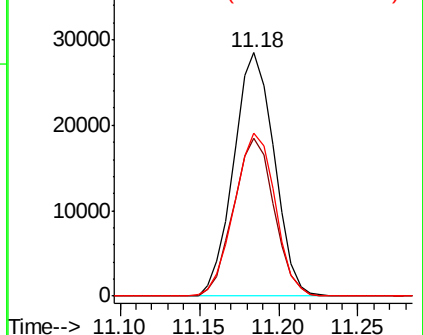


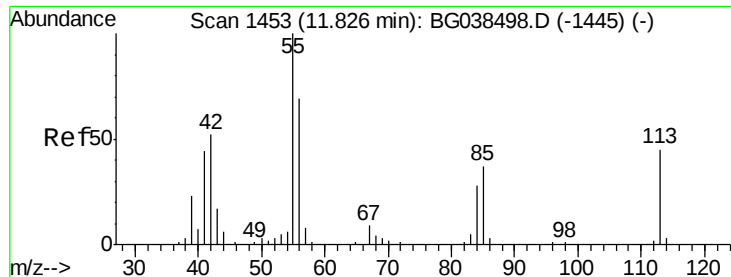
#34  
Hexachlorobutadiene  
Concen: 37.242 ng  
RT: 11.18 min Scan# 1378  
Delta R.T. -0.01 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 50666     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 62.1  | 45.0 67.6 |
| 227         | 64.5  | 50.6 75.8 |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E

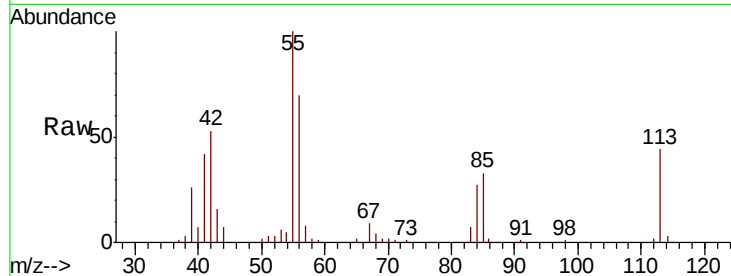




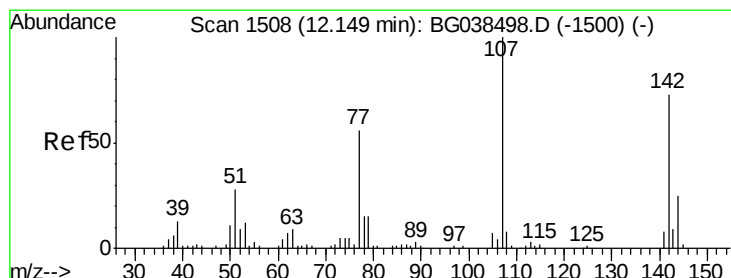
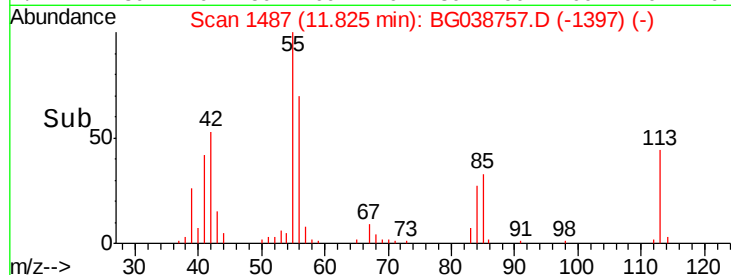
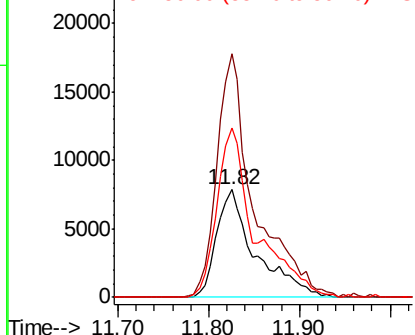
#35  
 Caprolactam  
 Concen: 33.826 ng  
 RT: 11.82 min Scan# 1487  
 Delta R.T. -0.00 min  
 Lab File: BG038757.D  
 Acq: 20 Dec 2018 10:54

Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion:113 Resp: 23301  
 Ion Ratio Lower Upper  
 113 100  
 55 226.3 204.3 244.3  
 56 157.5 135.0 175.0

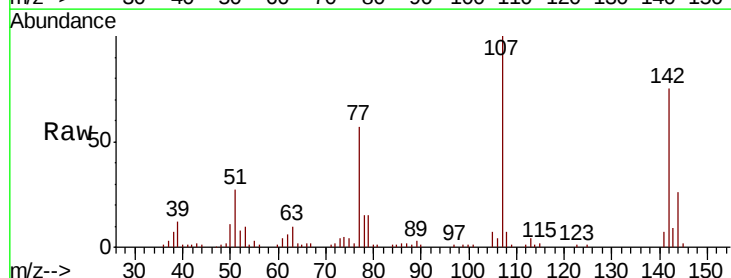


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BG  
 Ion 56.00 (55.70 to 56.70): BG

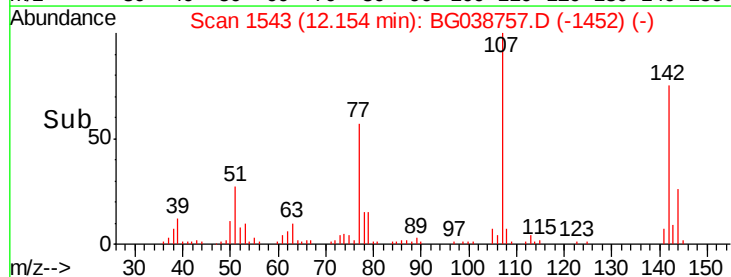
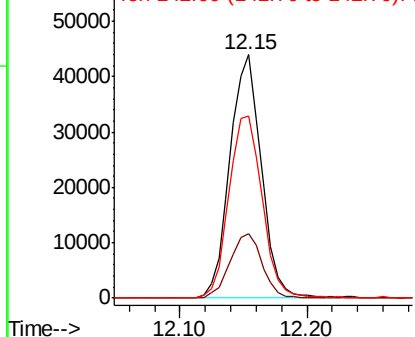


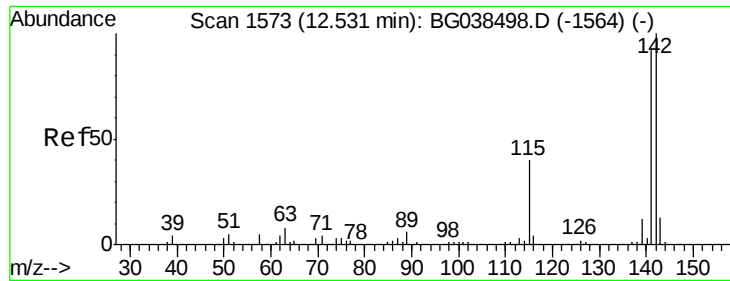
#36  
 4-Chloro-3-methylphenol  
 Concen: 39.605 ng  
 RT: 12.15 min Scan# 1543  
 Delta R.T. 0.00 min  
 Lab File: BG038757.D  
 Acq: 20 Dec 2018 10:54

Tgt Ion:107 Resp: 75228  
 Ion Ratio Lower Upper  
 107 100  
 144 26.4 20.1 30.1  
 142 74.6 58.7 88.1



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

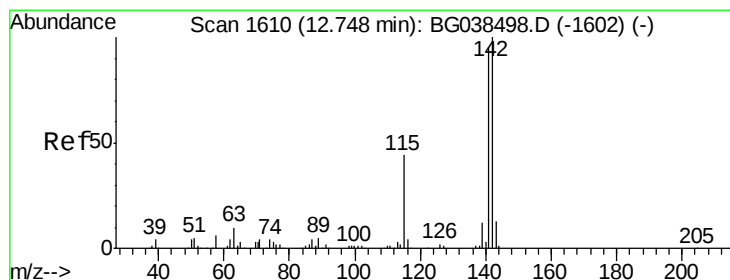
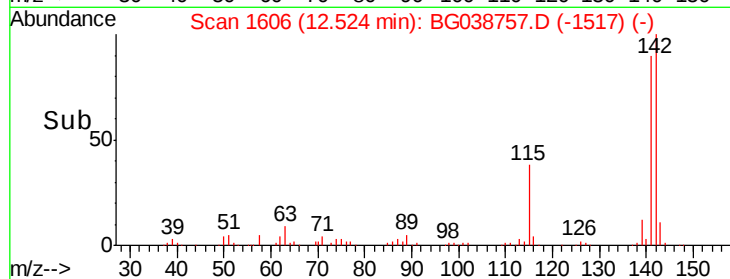
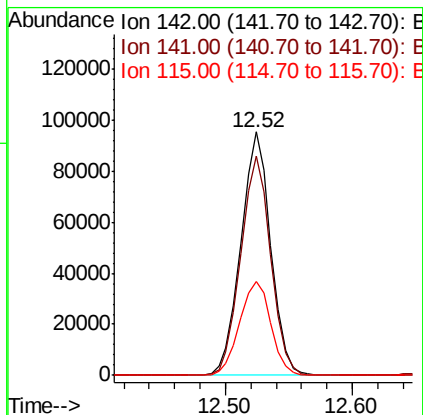
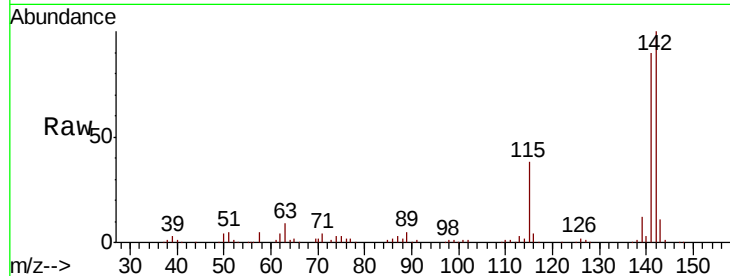




#37  
 2-Methylnaphthalene  
 Concen: 42.869 ng  
 RT: 12.52 min Scan# 1606  
 Delta R.T. -0.01 min  
 Lab File: BG038757.D  
 Acq: 20 Dec 2018 10:54

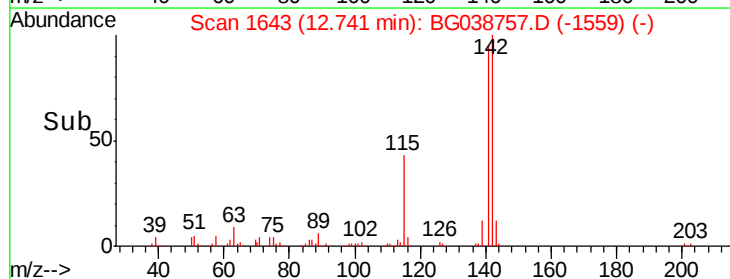
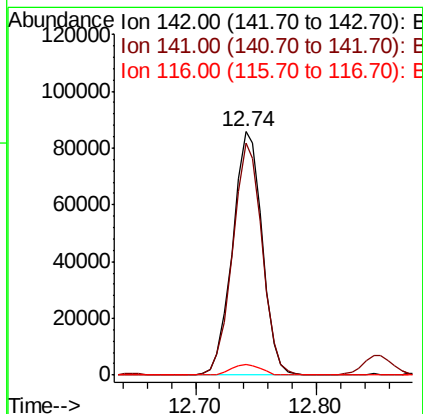
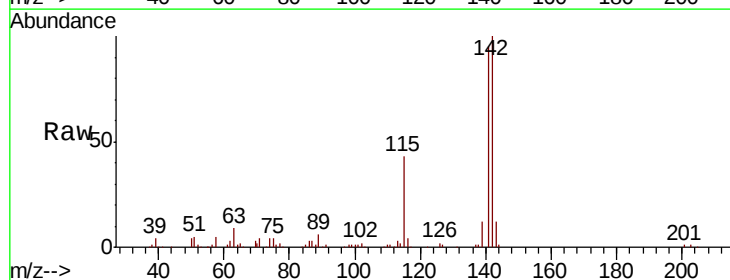
Instrument :  
 BNA\_G  
 ClientSampleId :

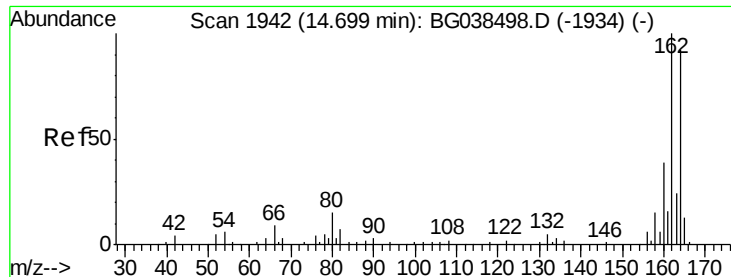
Tot Ion:142 Resp: 155219  
 Ion Ratio Lower Upper  
 142 100  
 141 90.0 73.5 110.3  
 115 38.5 31.7 47.5



#38  
 1-Methylnaphthalene  
 Concen: 41.634 ng  
 RT: 12.74 min Scan# 1643  
 Delta R.T. -0.01 min  
 Lab File: BG038757.D  
 Acq: 20 Dec 2018 10:54

Tgt Ion:142 Resp: 146282  
 Ion Ratio Lower Upper  
 142 100  
 141 95.3 75.8 113.8  
 116 4.3 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

Instrument :

BNA\_G

ClientSampleId :

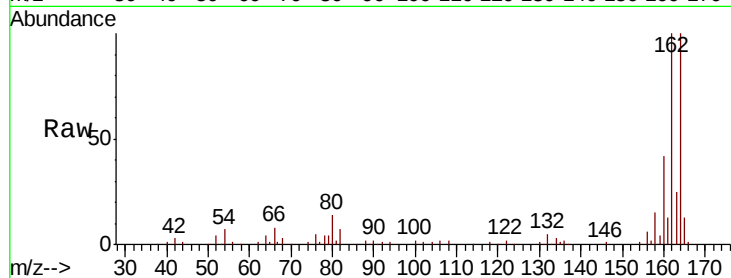
Tot Ion:164 Resp: 69291

Ion Ratio Lower Upper

164 100

162 99.9 86.6 130.0

160 41.6 34.2 51.2

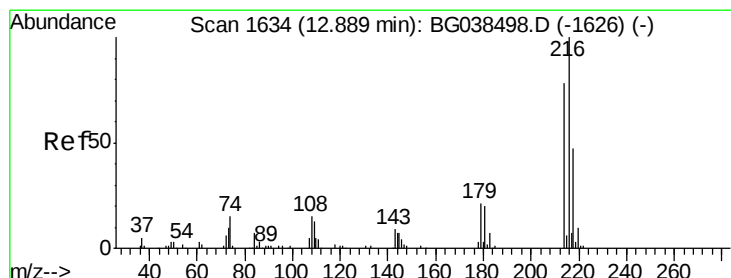
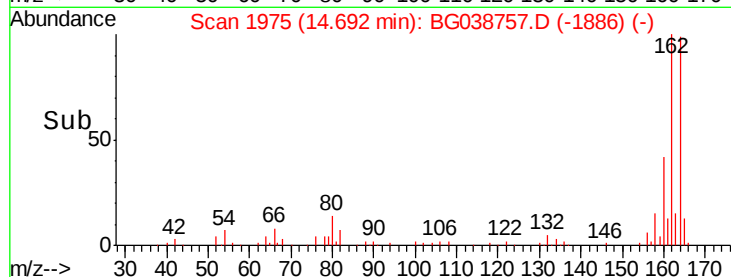
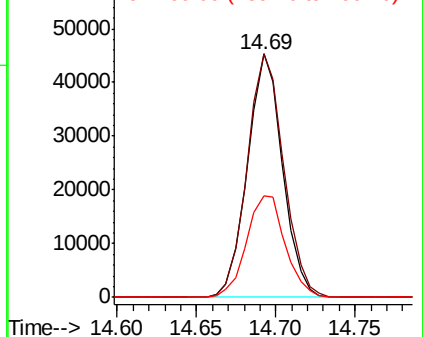


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.518 ng

RT: 12.88 min Scan# 1667

Delta R.T. -0.01 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

Tgt Ion:216 Resp: 94583

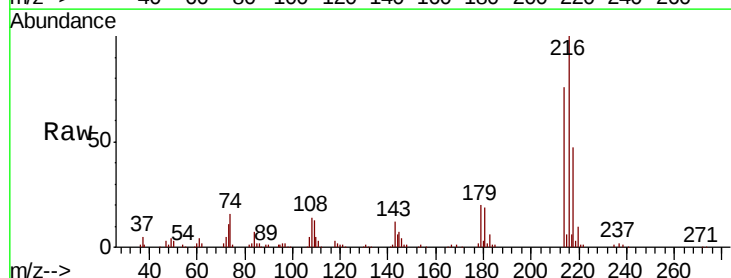
Ion Ratio Lower Upper

216 100

214 79.6 64.1 96.1

179 19.6 16.4 24.6

108 17.7 13.9 20.9



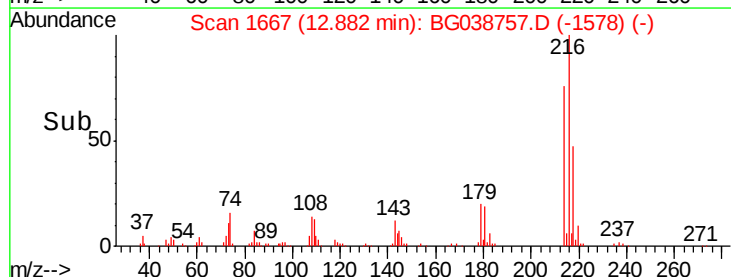
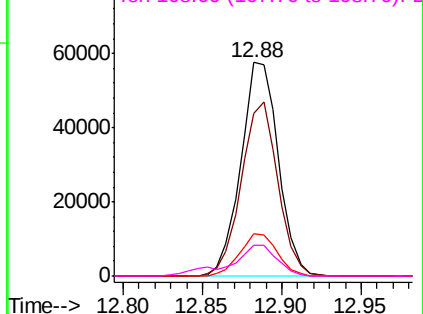
Abundance

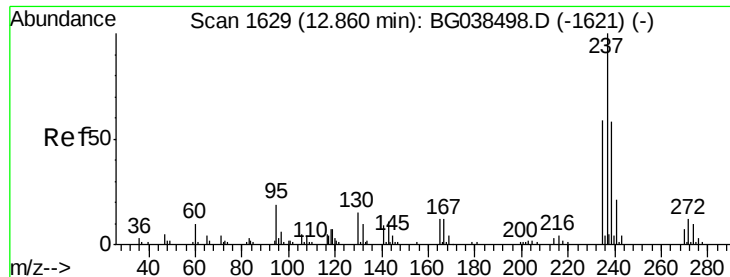
Ion 216.00 (215.70 to 216.70): E

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

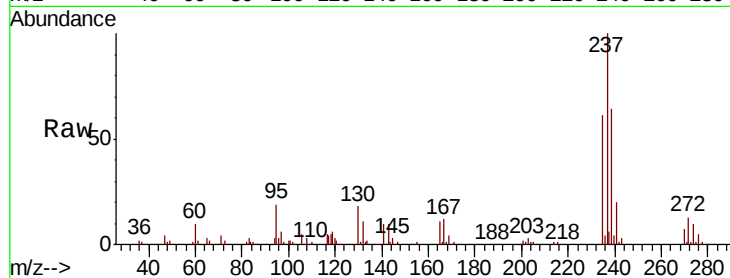




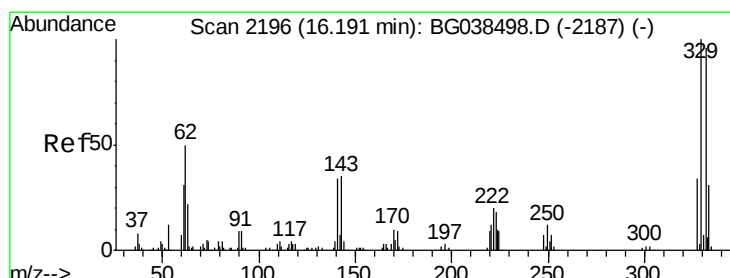
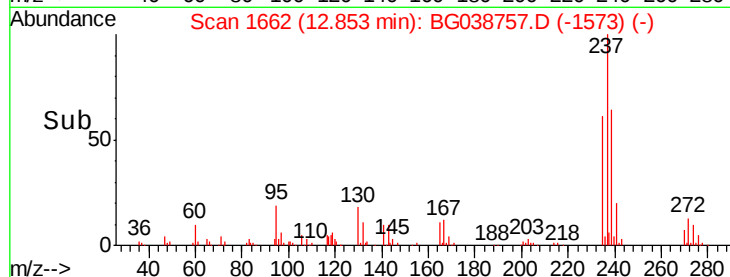
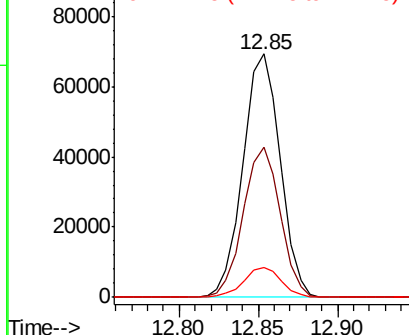
#41  
Hexachlorocyclopentadiene  
Concen: 79.590 ng  
RT: 12.85 min Scan# 1662  
Delta R.T. -0.01 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:237 Resp: 113254  
Ion Ratio Lower Upper  
237 100  
235 61.4 38.8 78.8  
272 12.5 0.0 32.0

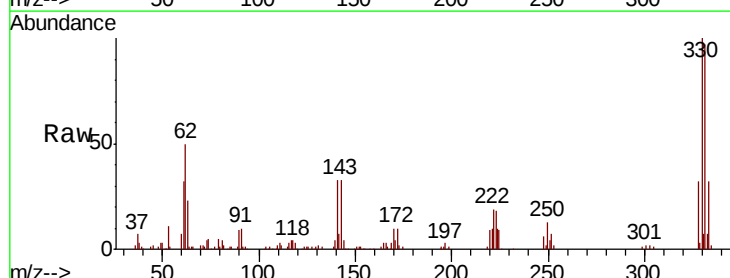


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

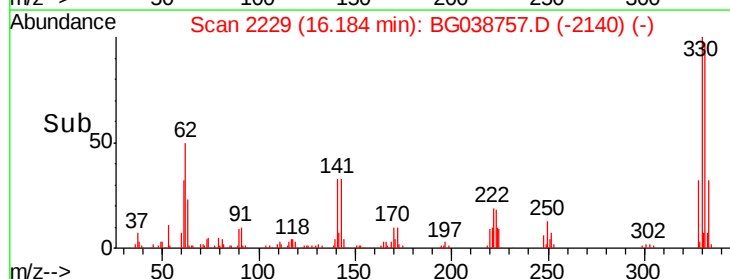
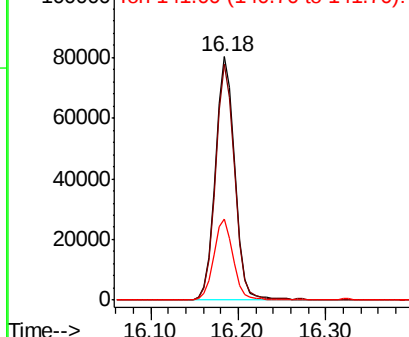


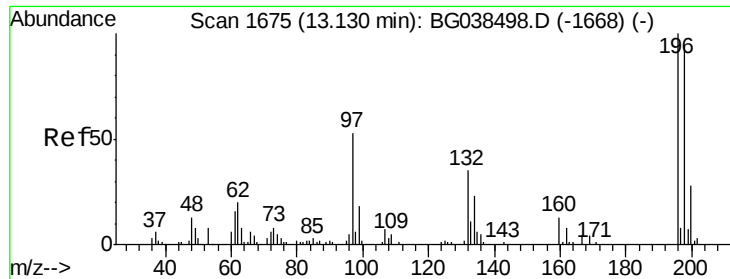
#42  
2,4,6-Tribromophenol  
Concen: 130.035 ng  
RT: 16.18 min Scan# 2229  
Delta R.T. -0.01 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

Tgt Ion:330 Resp: 124178  
Ion Ratio Lower Upper  
330 100  
332 95.3 76.9 115.3  
141 33.0 28.8 43.2



Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E

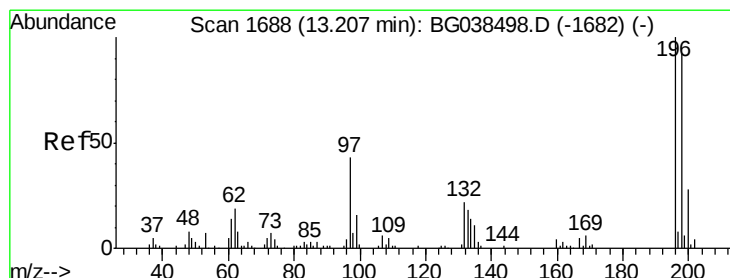
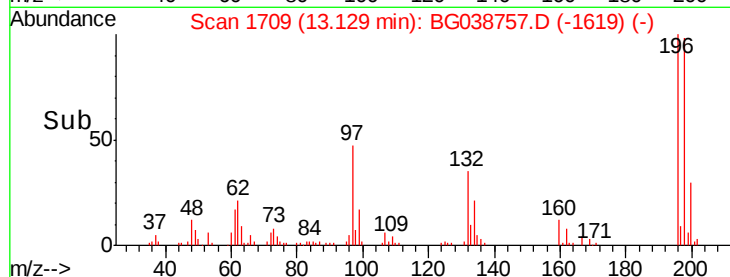
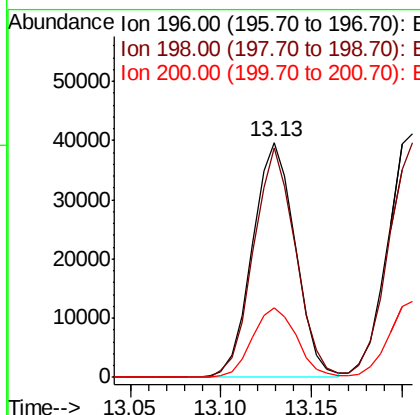
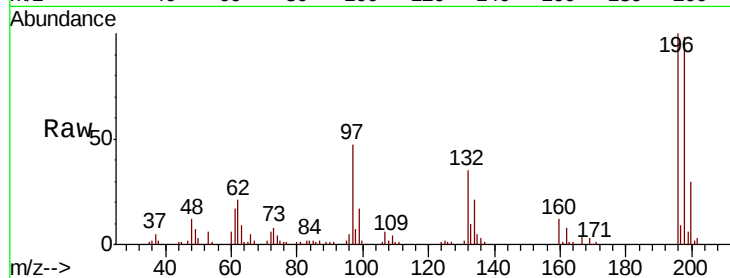




#43  
 2,4,6-Trichlorophenol  
 Concen: 40.819 ng  
 RT: 13.13 min Scan# 1709  
 Delta R.T. -0.00 min  
 Lab File: BG038757.D  
 Acq: 20 Dec 2018 10:54

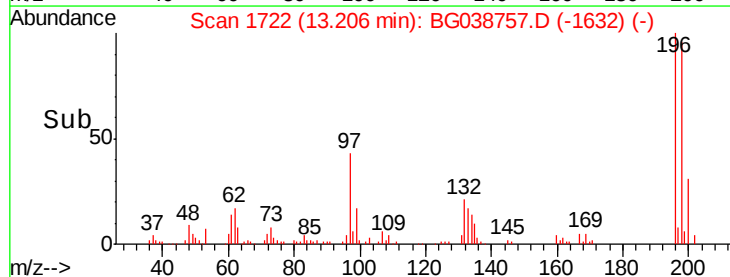
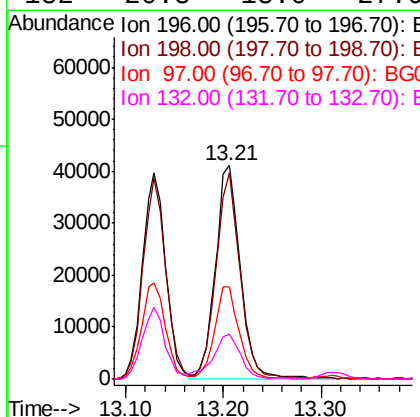
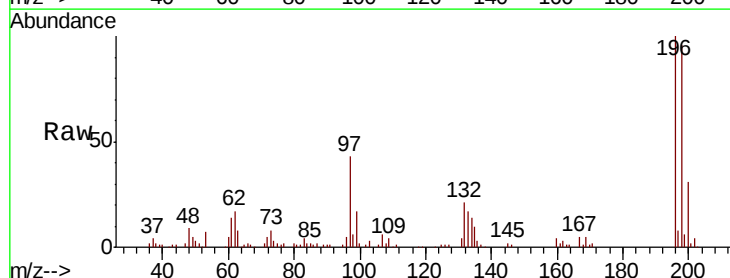
Instrument :  
 BNA\_G  
 ClientSampleId :

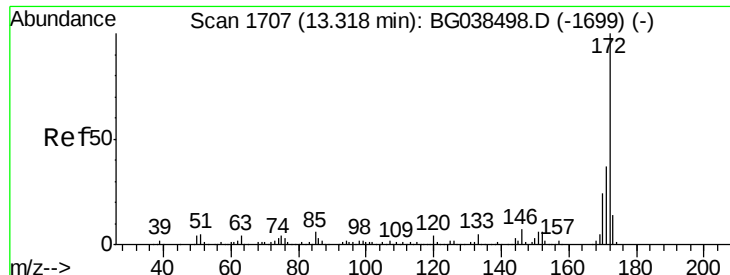
Tot Ion:196 Resp: 65006  
 Ion Ratio Lower Upper  
 196 100  
 198 97.5 75.0 112.4  
 200 29.8 22.4 33.6



#44  
 2,4,5-Trichlorophenol  
 Concen: 43.205 ng  
 RT: 13.21 min Scan# 1722  
 Delta R.T. -0.00 min  
 Lab File: BG038757.D  
 Acq: 20 Dec 2018 10:54

Tgt Ion:196 Resp: 72849  
 Ion Ratio Lower Upper  
 196 100  
 198 96.2 74.0 111.0  
 97 43.4 35.1 52.7  
 132 20.8 18.0 27.0

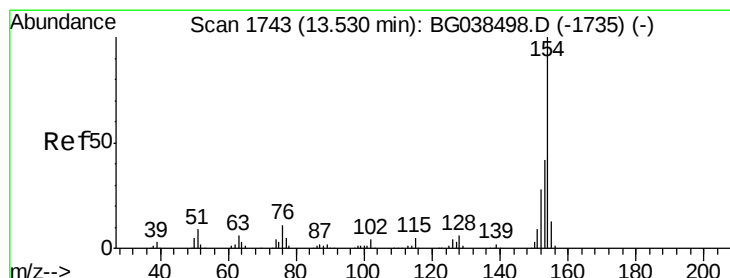
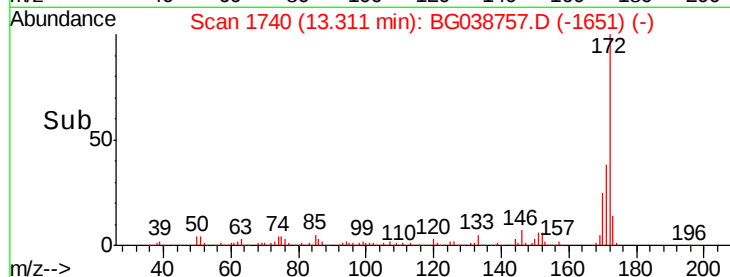
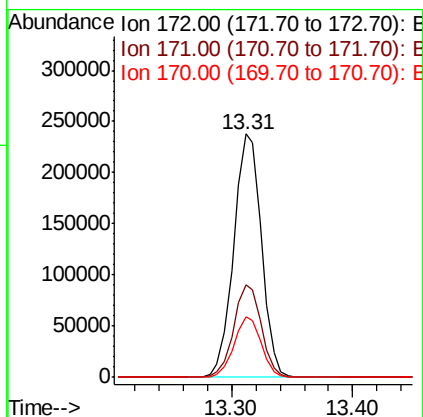
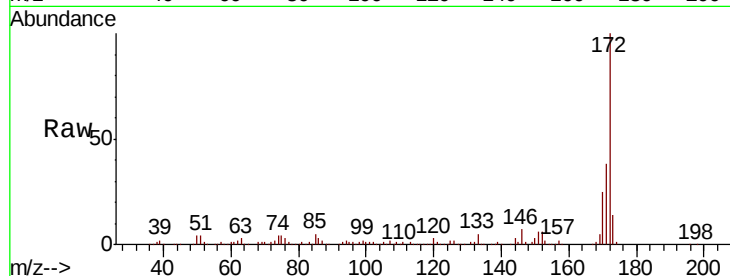




#45  
2-Fluorobiphenyl  
Concen: 75.158 ng  
RT: 13.31 min Scan# 1740  
Delta R.T. -0.01 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

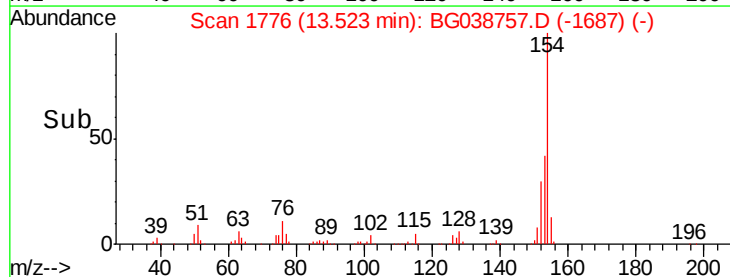
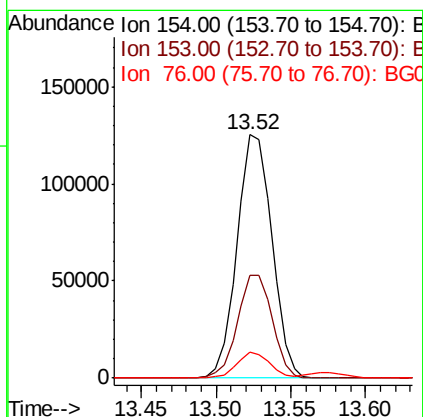
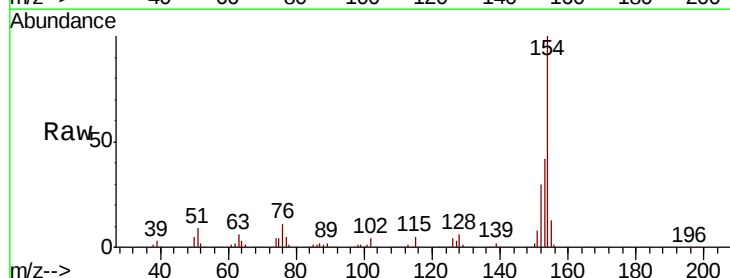
Instrument :  
BNA\_G  
ClientSampleId :

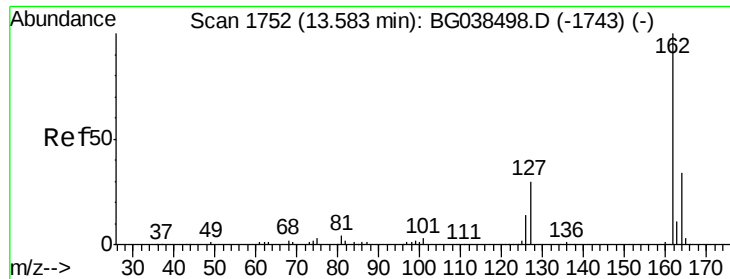
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.9  | 29.8  | 44.6  |
| 170     | 24.8  | 19.5  | 29.3  |



#46  
1,1'-Biphenyl  
Concen: 35.057 ng  
RT: 13.52 min Scan# 1776  
Delta R.T. -0.01 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.4  | 22.1  | 62.1  |
| 76      | 10.7  | 0.0   | 31.2  |

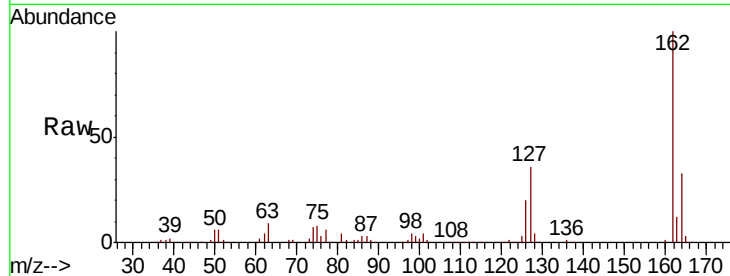




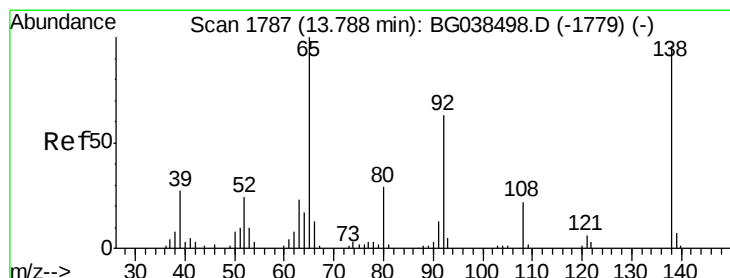
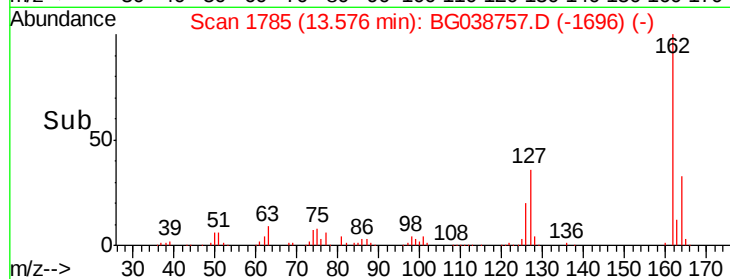
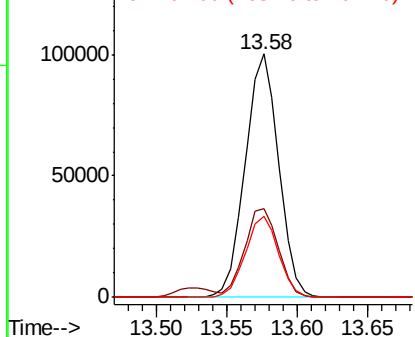
#47  
 2-Chloronaphthalene  
 Concen: 36.971 ng  
 RT: 13.58 min Scan# 1785  
 Delta R.T. -0.01 min  
 Lab File: BG038757.D  
 Acq: 20 Dec 2018 10:54

Instrument :  
 BNA\_G  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 36.2  | 27.8  | 41.8  |
| 164     | 33.4  | 26.9  | 40.3  |

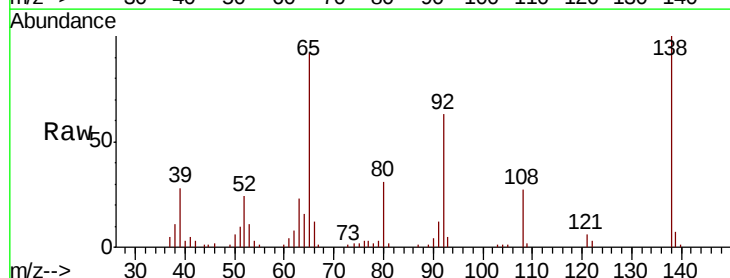


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

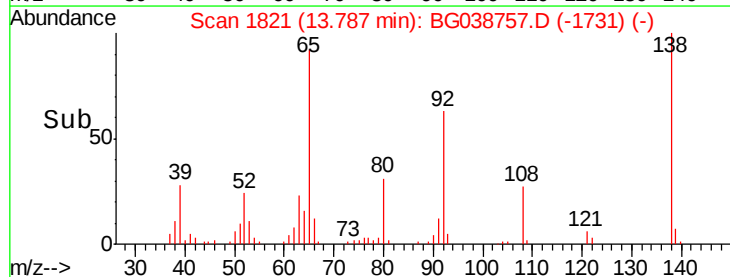
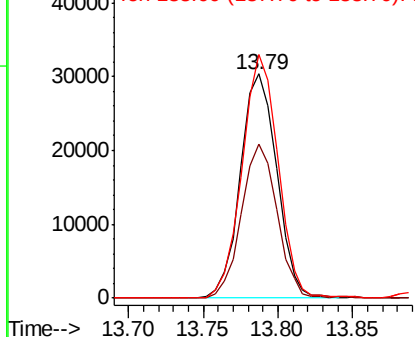


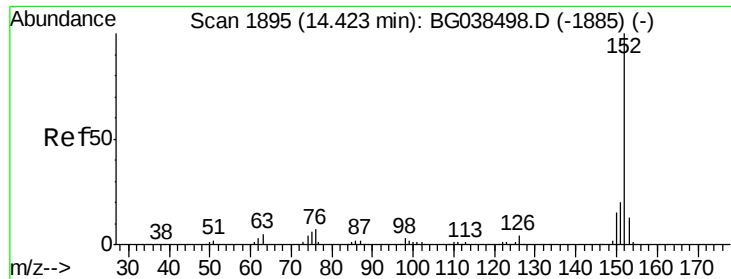
#48  
 2-Nitroaniline  
 Concen: 35.960 ng  
 RT: 13.79 min Scan# 1821  
 Delta R.T. -0.00 min  
 Lab File: BG038757.D  
 Acq: 20 Dec 2018 10:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 68.9  | 50.0  | 75.0  |
| 138     | 108.7 | 76.9  | 115.3 |



Abundance Ion 65.00 (64.70 to 65.70): BGC  
 Ion 92.00 (91.70 to 92.70): BGC  
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.419 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

Instrument :

BNA\_G

ClientSampleId :

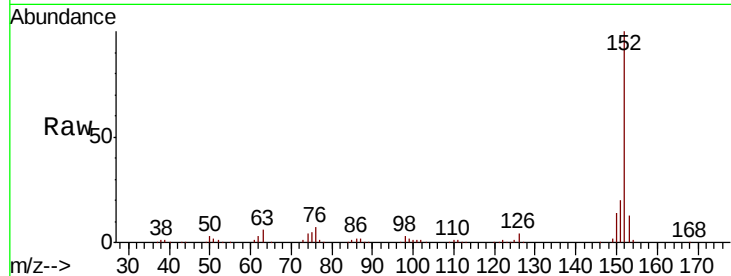
Tot Ion:152 Resp: 271127

Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6

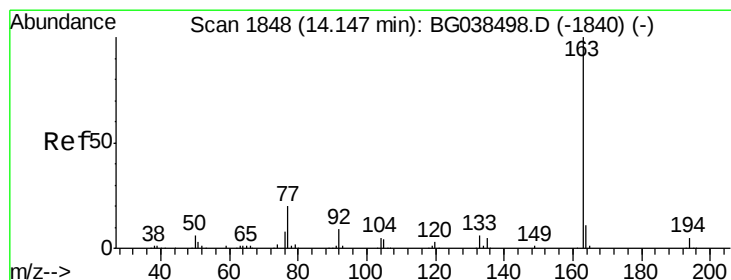
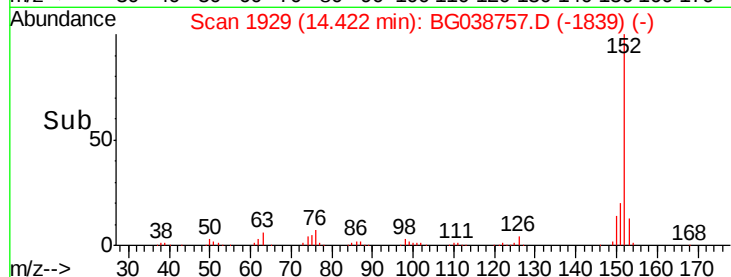
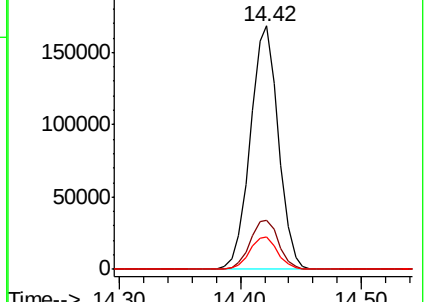
153 13.2 10.4 15.6



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



#50

Dimethylphthalate

Concen: 37.976 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

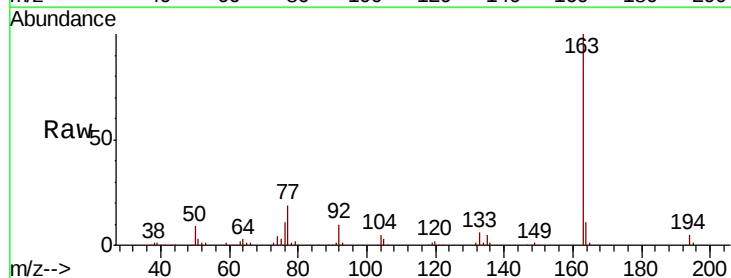
Tgt Ion:163 Resp: 214888

Ion Ratio Lower Upper

163 100

194 4.8 3.7 5.5

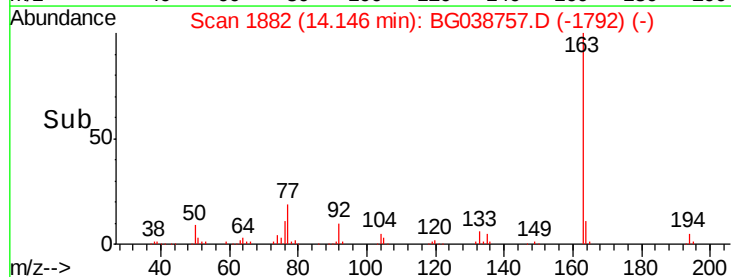
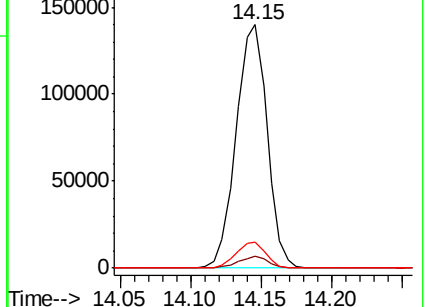
164 10.8 8.6 12.8

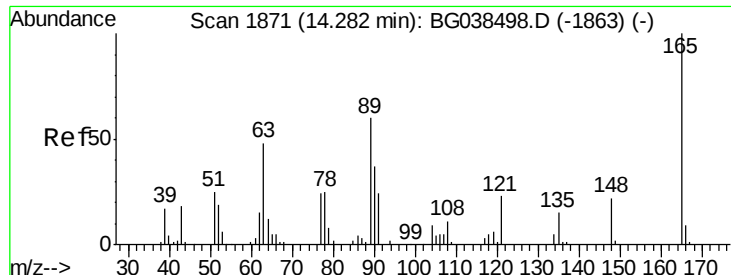


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

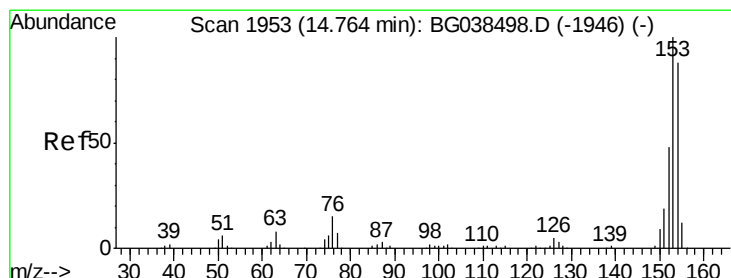
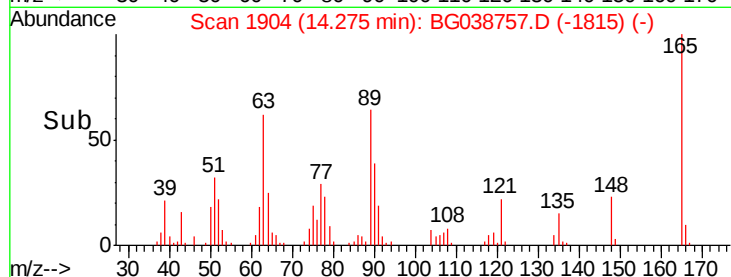
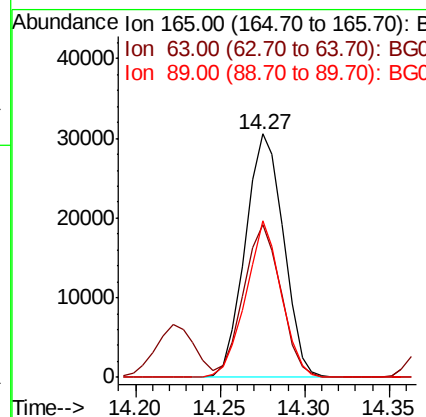
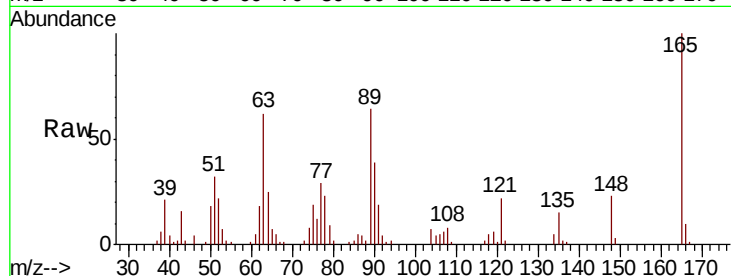




#51  
 2,6-Dinitrotoluene  
 Concen: 37.707 ng  
 RT: 14.27 min Scan# 1904  
 Delta R.T. -0.01 min  
 Lab File: BG038757.D  
 Acq: 20 Dec 2018 10:54

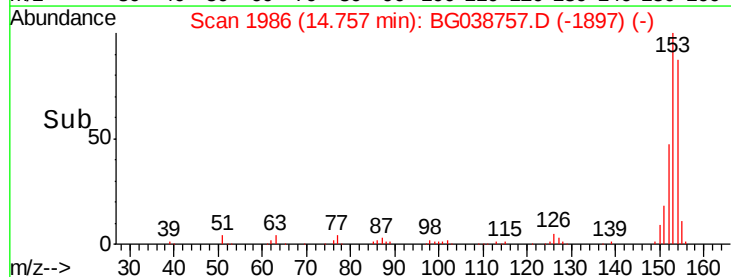
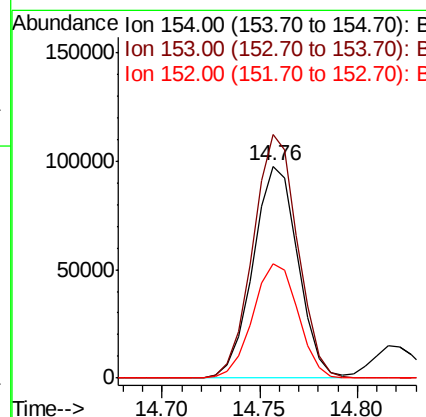
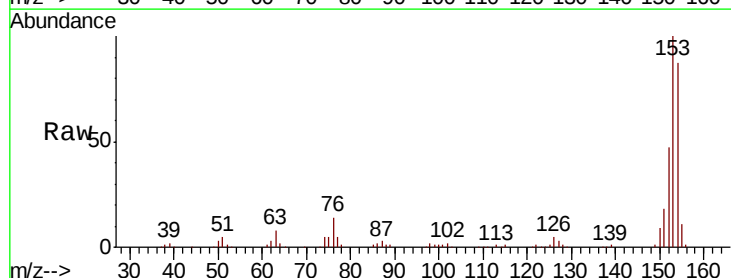
Instrument :  
 BNA\_G  
 ClientSampleId :

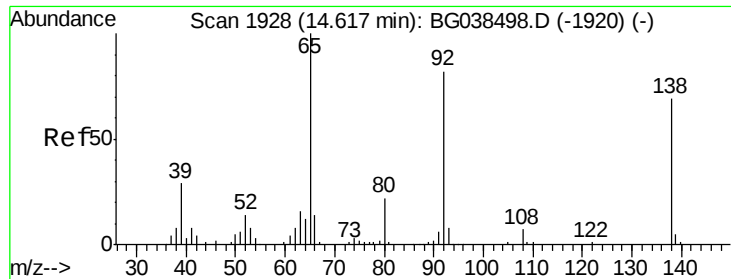
Tot Ion:165 Resp: 48352  
 Ion Ratio Lower Upper  
 165 100  
 63 62.5 51.8 77.6  
 89 64.4 47.9 71.9



#52  
 Acenaphthene  
 Concen: 38.685 ng  
 RT: 14.76 min Scan# 1986  
 Delta R.T. -0.01 min  
 Lab File: BG038757.D  
 Acq: 20 Dec 2018 10:54

Tgt Ion:154 Resp: 155170  
 Ion Ratio Lower Upper  
 154 100  
 153 114.9 90.6 136.0  
 152 54.1 43.5 65.3

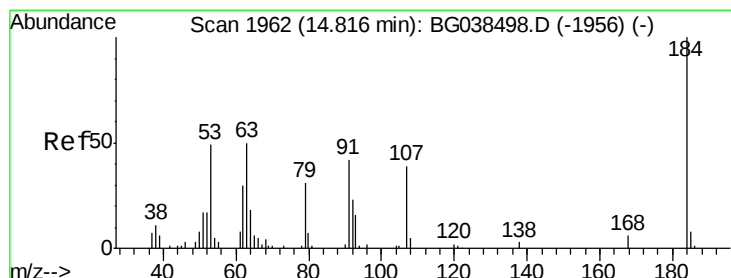
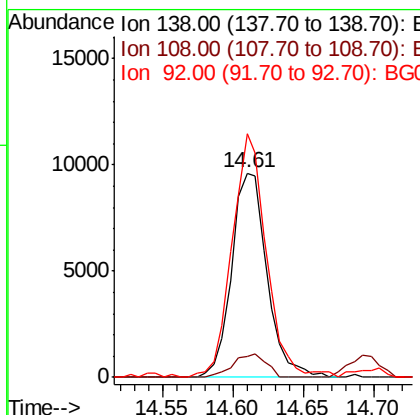
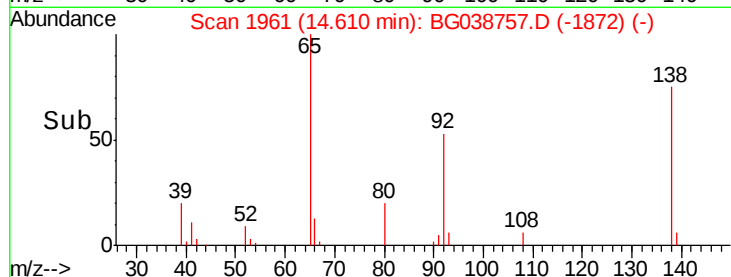
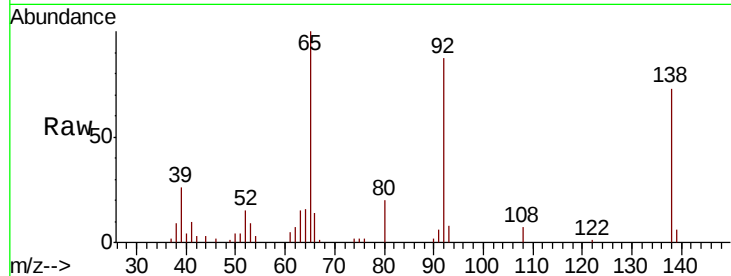




#53  
3-Nitroaniline  
Concen: 12.848 ng  
RT: 14.61 min Scan# 1961  
Delta R.T. -0.01 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

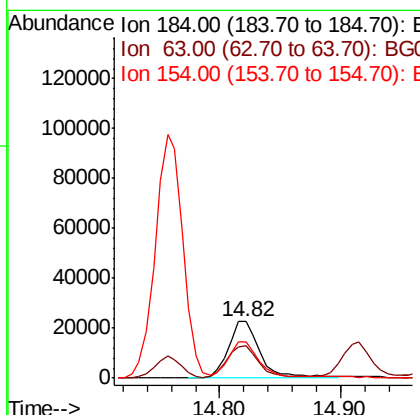
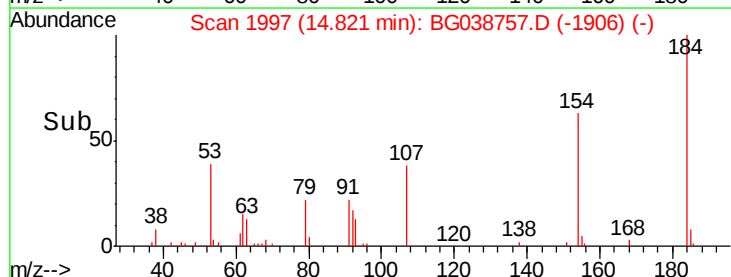
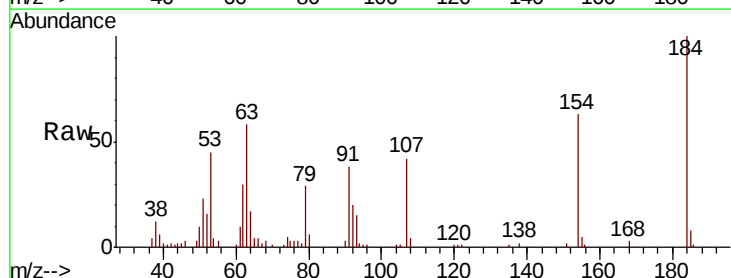
Instrument :  
BNA\_G  
ClientSampleId :

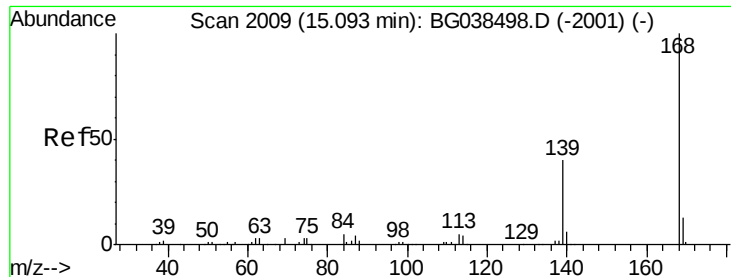
Tot Ion:138 Resp: 16795  
Ion Ratio Lower Upper  
138 100  
108 10.1 7.9 11.9  
92 119.2 95.3 142.9



#54  
2,4-Dinitrophenol  
Concen: 56.636 ng  
RT: 14.82 min Scan# 1997  
Delta R.T. 0.01 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

Tgt Ion:184 Resp: 41978  
Ion Ratio Lower Upper  
184 100  
63 58.0 47.0 70.6  
154 63.0 50.3 75.5

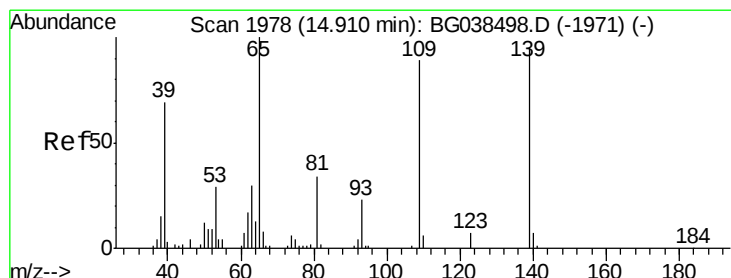
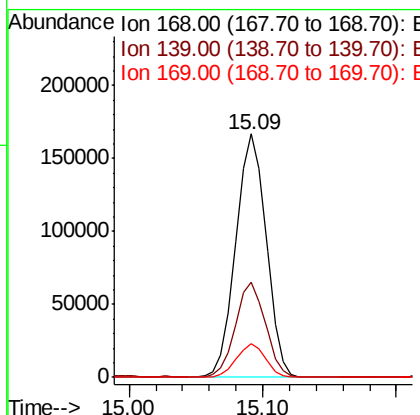
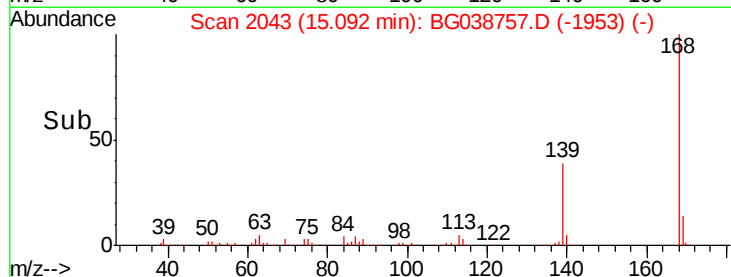
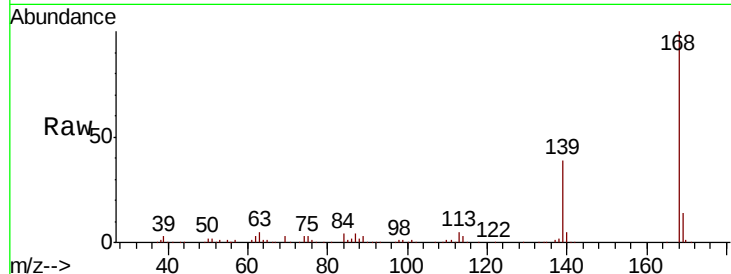




#55  
Dibenzenofuran  
Concen: 38.332 ng  
RT: 15.09 min Scan# 2043  
Delta R.T. -0.00 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

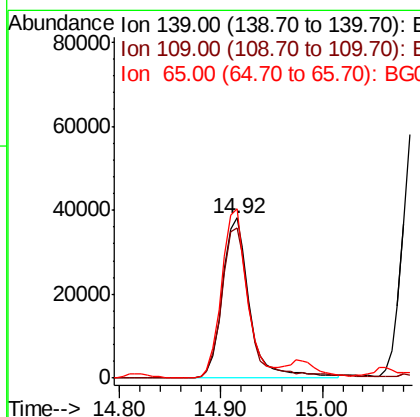
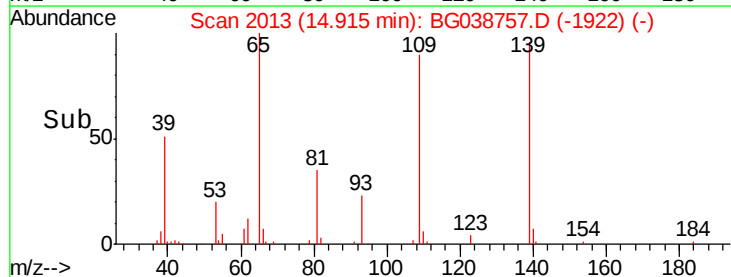
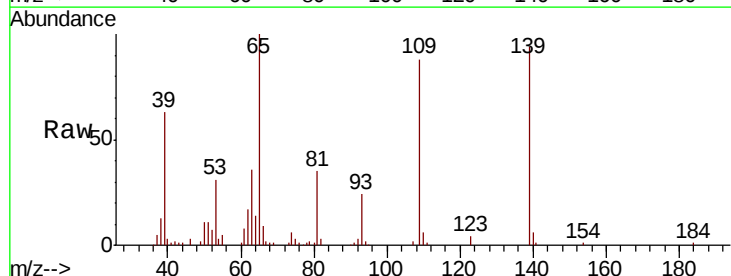
Instrument :  
BNA\_G  
ClientSampleId :

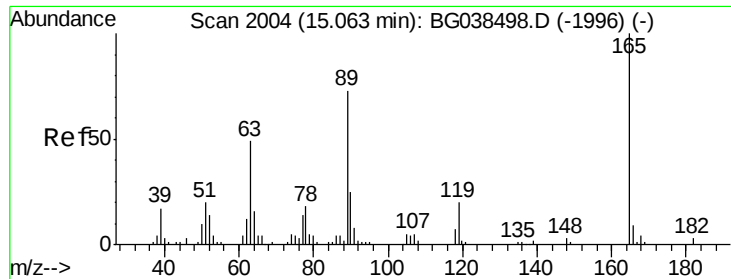
Tot Ion:168 Resp: 263555  
Ion Ratio Lower Upper  
168 100  
139 39.1 32.2 48.2  
169 13.8 10.6 16.0



#56  
4-Nitrophenol  
Concen: 71.830 ng  
RT: 14.92 min Scan# 2013  
Delta R.T. 0.00 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

Tgt Ion:139 Resp: 71231  
Ion Ratio Lower Upper  
139 100  
109 93.4 73.6 113.6  
65 106.0 84.8 124.8

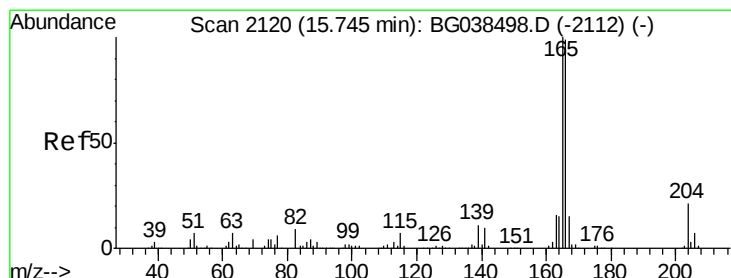
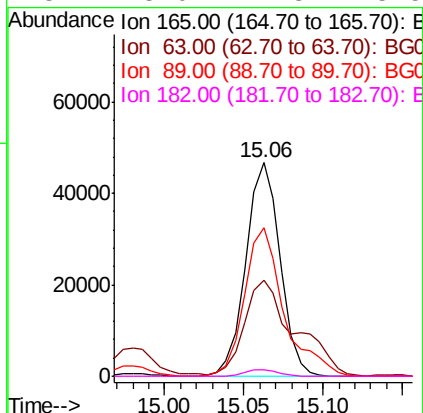
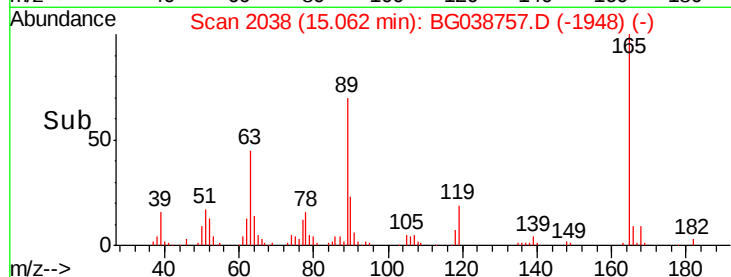
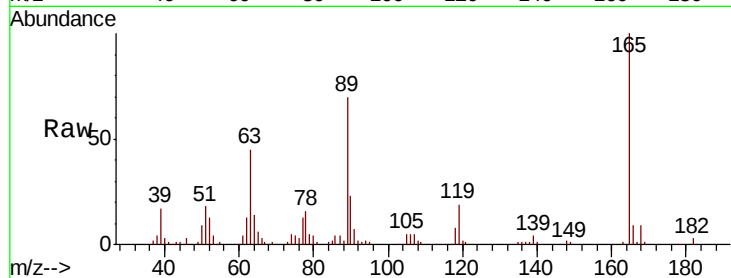




#57  
2,4-Dinitrotoluene  
Concen: 38.773 ng  
RT: 15.06 min Scan# 2038  
Delta R.T. -0.00 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

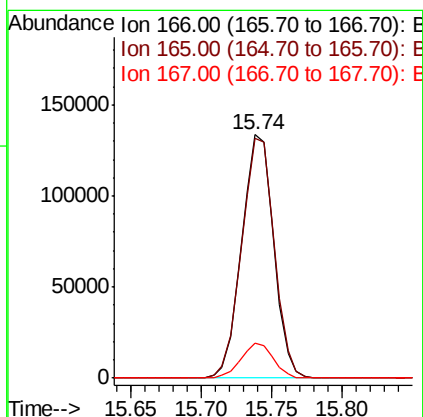
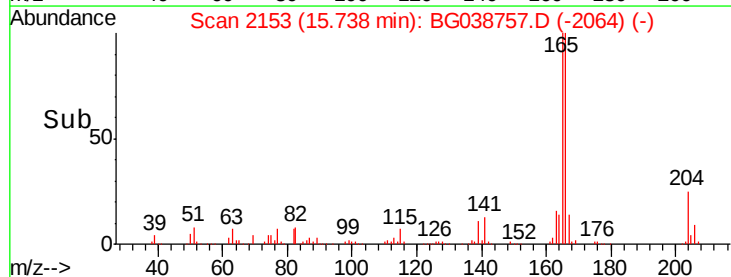
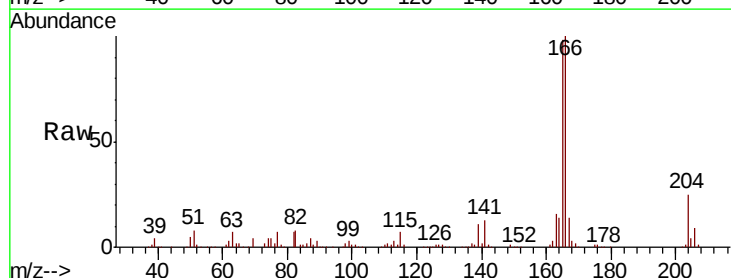
Instrument :  
BNA\_G  
ClientSampleId :

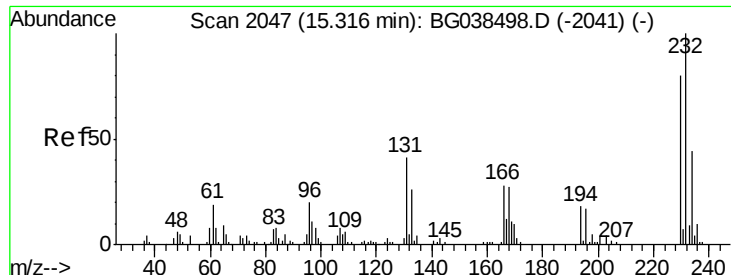
Tot Ion:165 Resp: 70028  
Ion Ratio Lower Upper  
165 100  
63 45.0 39.0 58.4  
89 69.6 58.0 87.0  
182 3.0 2.3 3.5



#58  
Fluorene  
Concen: 41.569 ng  
RT: 15.74 min Scan# 2153  
Delta R.T. -0.01 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

Tgt Ion:166 Resp: 211753  
Ion Ratio Lower Upper  
166 100  
165 98.4 80.6 120.8  
167 14.3 12.0 18.0

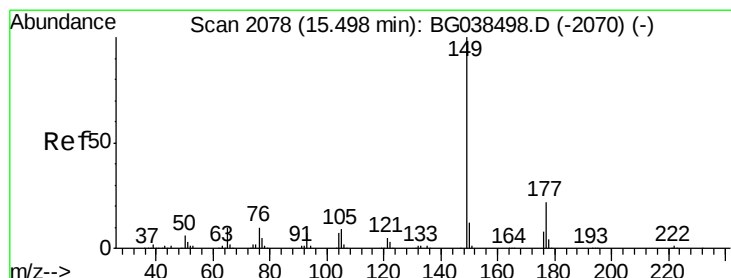
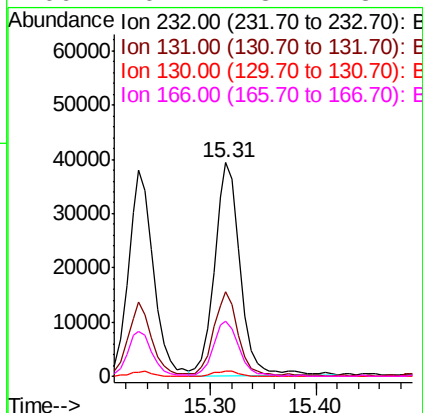
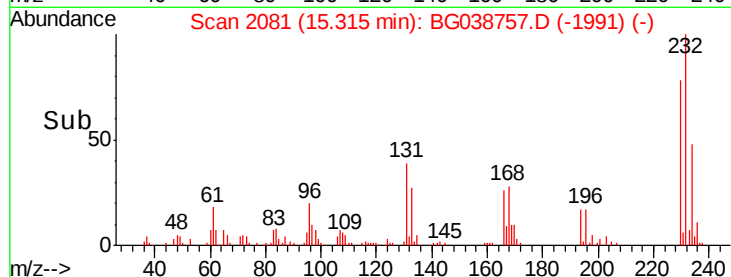
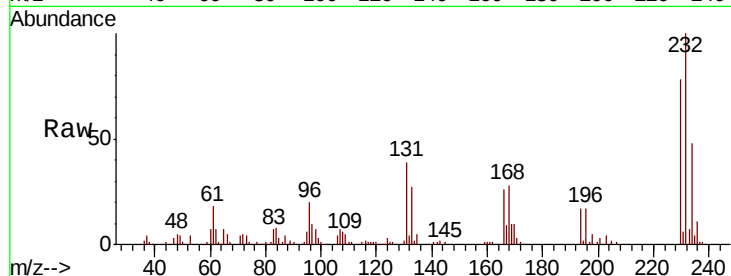




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 43.533 ng  
 RT: 15.31 min Scan# 2081  
 Delta R.T. -0.00 min  
 Lab File: BG038757.D  
 Acq: 20 Dec 2018 10:54

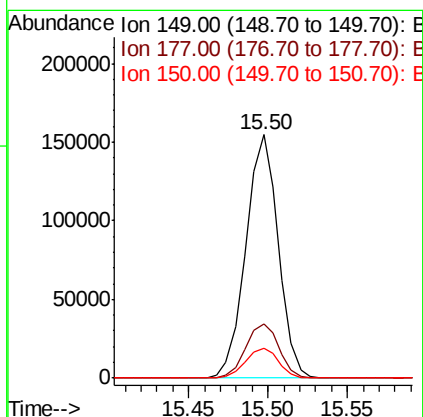
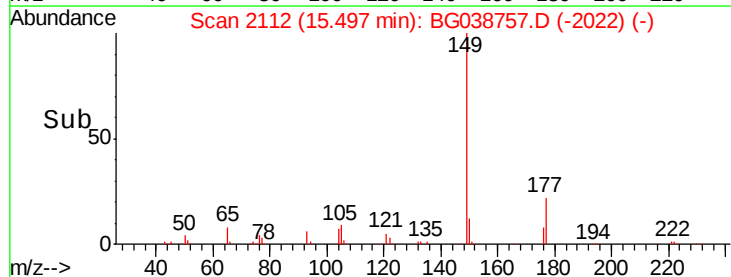
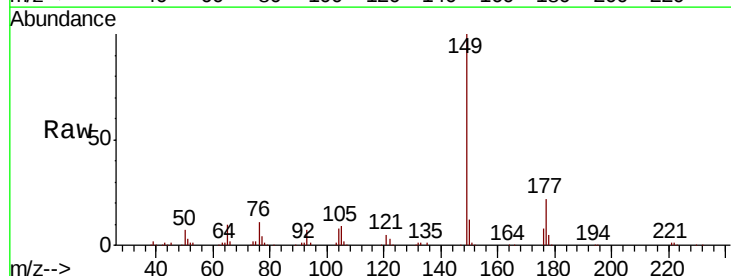
Instrument :  
 BNA\_G  
 ClientSampleId :

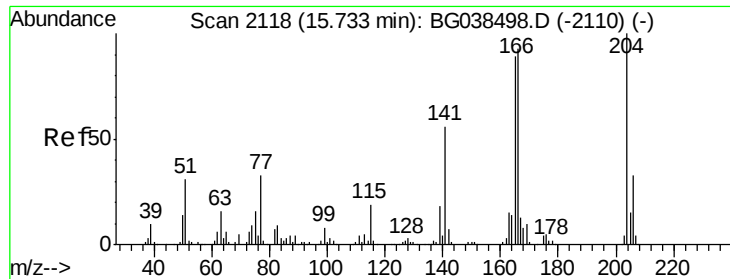
|             |             |
|-------------|-------------|
| Tot Ion:232 | Resp: 66039 |
| Ion Ratio   | Lower Upper |
| 232 100     |             |
| 131 39.4    | 33.0 49.4   |
| 130 2.3     | 2.0 3.0     |
| 166 26.2    | 23.1 34.7   |



#60  
 Diethylphthalate  
 Concen: 35.310 ng  
 RT: 15.50 min Scan# 2112  
 Delta R.T. -0.00 min  
 Lab File: BG038757.D  
 Acq: 20 Dec 2018 10:54

|         |         |       |        |
|---------|---------|-------|--------|
| Tgt Ion | Ion:149 | Resp: | 219343 |
|         | Ratio   | Lower | Upper  |
| 149     | 100     |       |        |
| 177     | 22.4    | 17.7  | 26.5   |
| 150     | 12.4    | 9.9   | 14.9   |

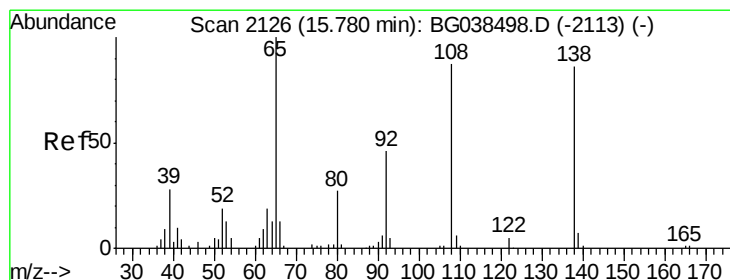
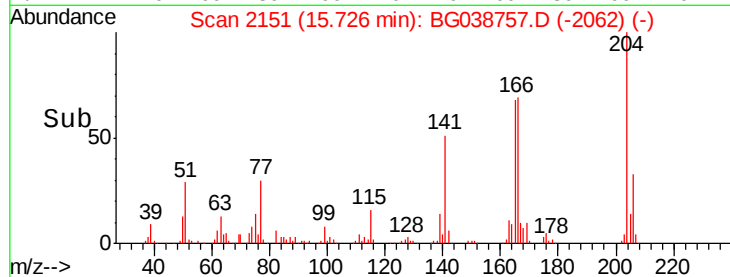
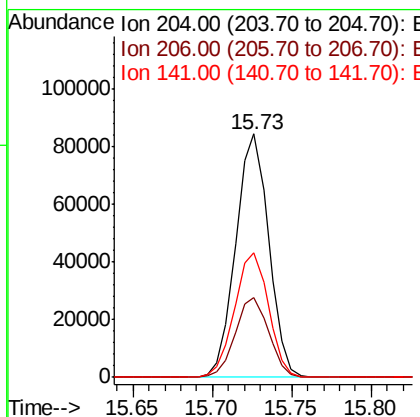
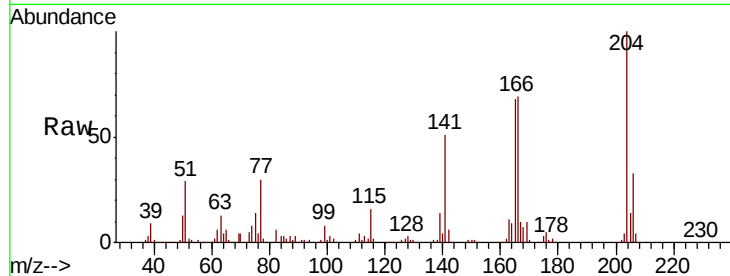




#61  
 4-Chlorophenyl-phenylether  
 Concen: 38.376 ng  
 RT: 15.73 min Scan# 2151  
 Delta R.T. -0.01 min  
 Lab File: BG038757.D  
 Acq: 20 Dec 2018 10:54

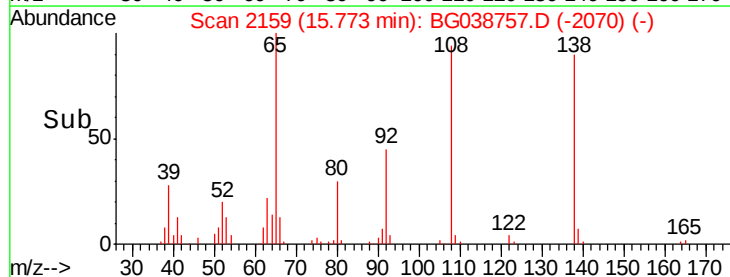
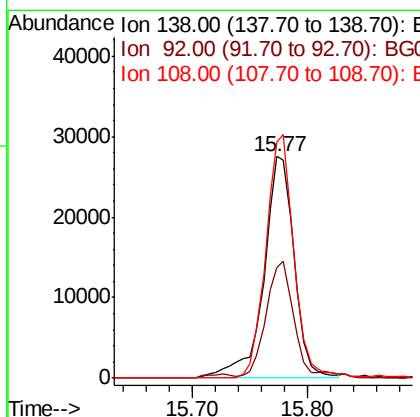
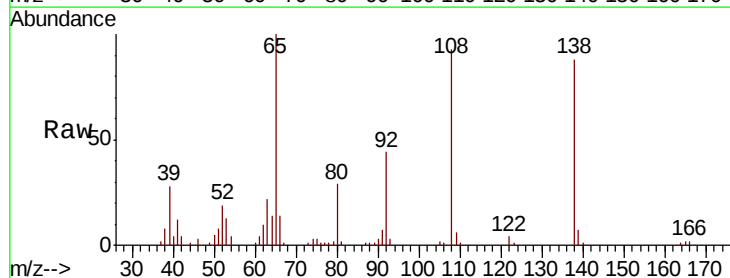
Instrument :  
 BNA\_G  
 ClientSampled :

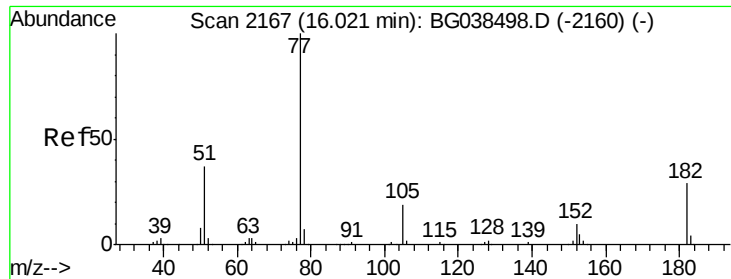
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.6  | 26.0  | 39.0  |
| 141     | 51.1  | 44.4  | 66.6  |



#62  
 4-Nitroaniline  
 Concen: 37.599 ng  
 RT: 15.77 min Scan# 2159  
 Delta R.T. -0.01 min  
 Lab File: BG038757.D  
 Acq: 20 Dec 2018 10:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 50.1  | 33.3  | 73.3  |
| 108     | 106.2 | 81.4  | 121.4 |

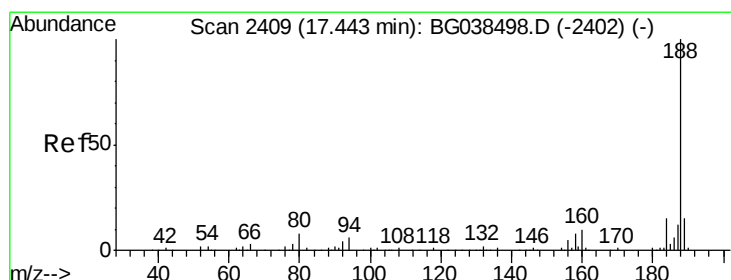
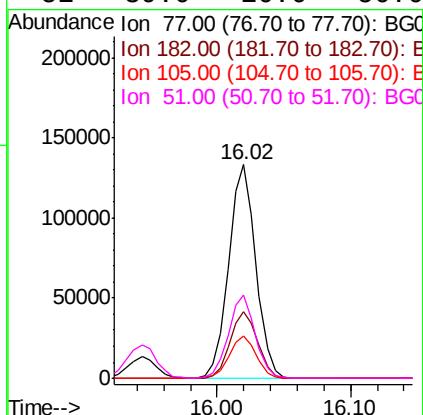
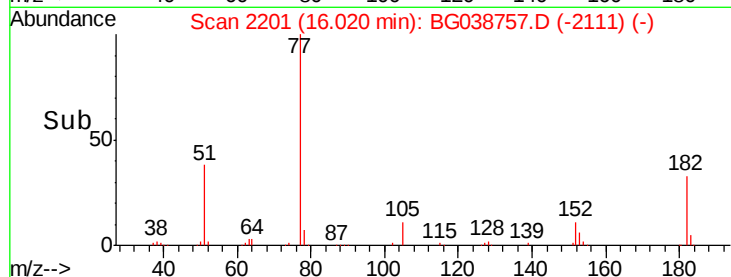
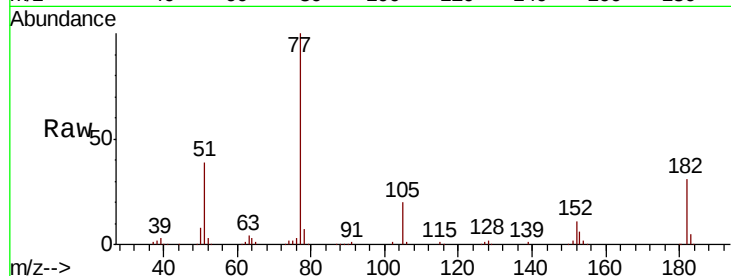




#63  
Azobenzene  
Concen: 36.444 ng  
RT: 16.02 min Scan# 2201  
Delta R.T. -0.00 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

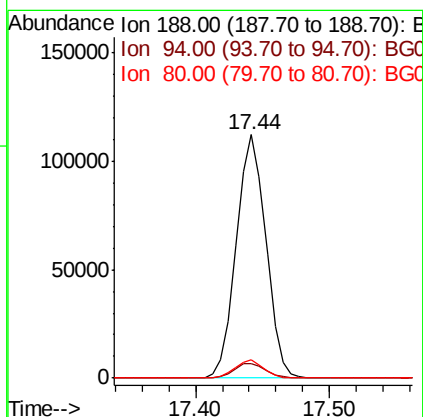
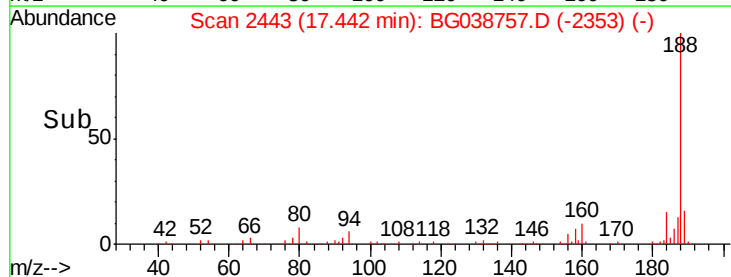
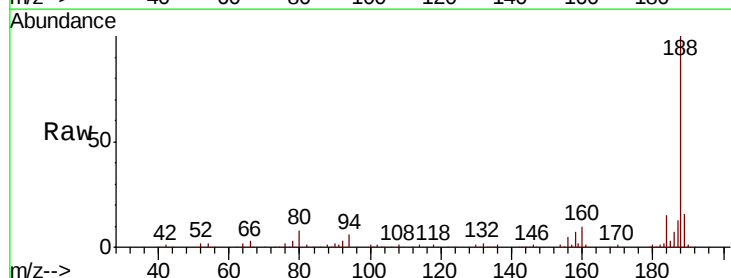
Instrument :  
BNA\_G  
ClientSampleId :

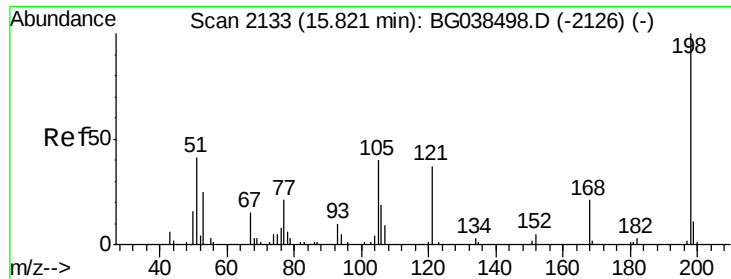
| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 77      | 100  |       |       |       |
| 182     | 31.5 | 8.7   | 48.7  |       |
| 105     | 19.6 | 0.0   | 38.7  |       |
| 51      | 39.0 | 16.6  | 56.6  |       |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.44 min Scan# 2443  
Delta R.T. -0.00 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 188     | 100 |       |       |       |
| 94      | 5.9 | 5.1   | 7.7   |       |
| 80      | 7.6 | 6.1   | 9.1   |       |

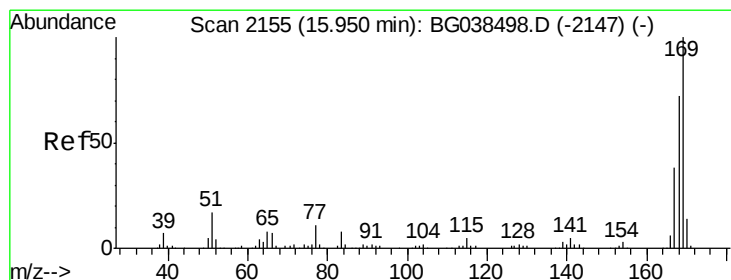
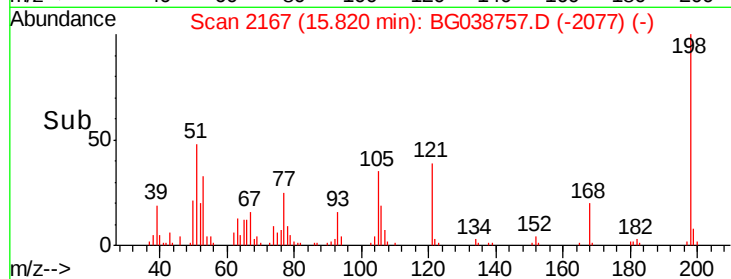
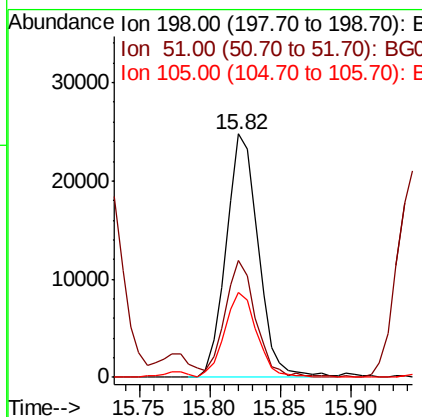
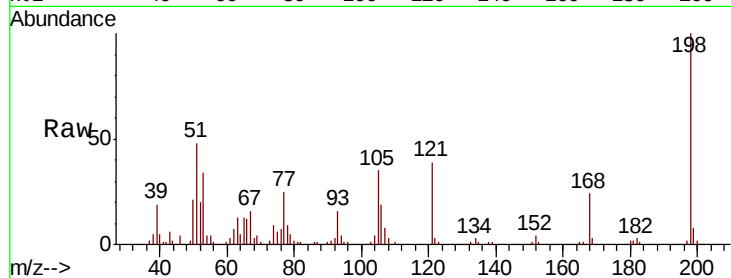




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 31.996 ng  
 RT: 15.82 min Scan# 2167  
 Delta R.T. -0.00 min  
 Lab File: BG038757.D  
 Acq: 20 Dec 2018 10:54

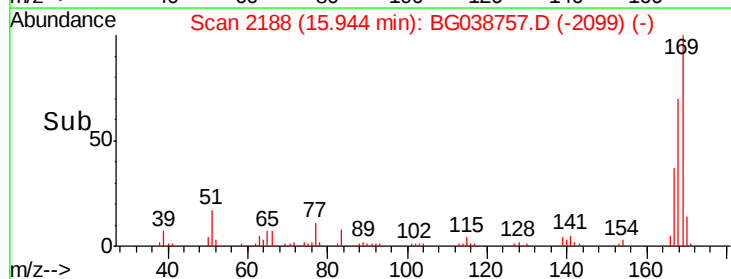
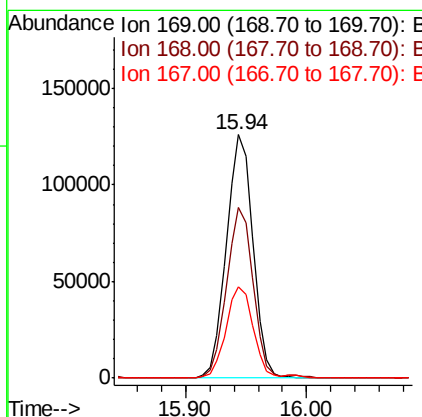
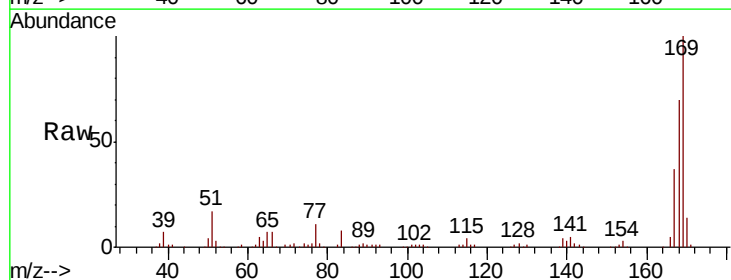
Instrument :  
 BNA\_G  
 ClientSampleId :

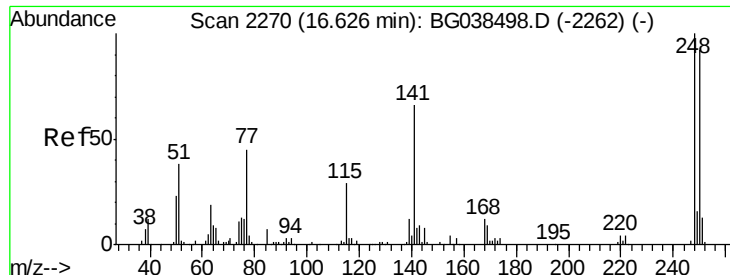
Tot Ion:198 Resp: 39390  
 Ion Ratio Lower Upper  
 198 100  
 51 48.2 28.6 68.6  
 105 34.7 20.4 60.4



#66  
 n-Nitrosodiphenylamine  
 Concen: 37.961 ng  
 RT: 15.94 min Scan# 2188  
 Delta R.T. -0.01 min  
 Lab File: BG038757.D  
 Acq: 20 Dec 2018 10:54

Tgt Ion:169 Resp: 192492  
 Ion Ratio Lower Upper  
 169 100  
 168 70.0 57.5 86.3  
 167 37.3 30.2 45.2

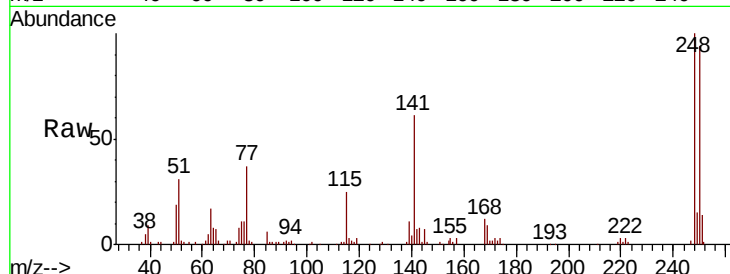




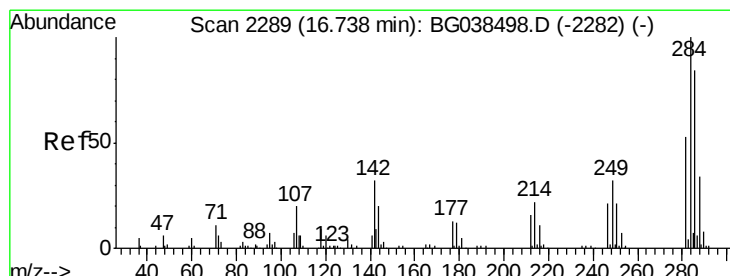
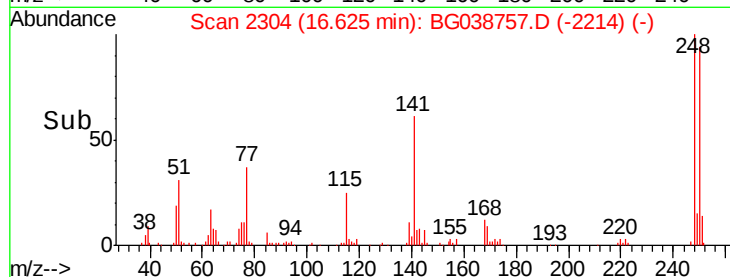
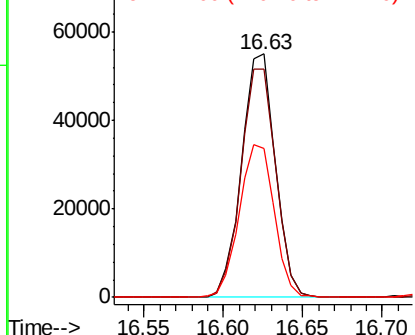
#67  
 4-Bromophenyl-phenylether  
 Concen: 38.600 ng  
 RT: 16.63 min Scan# 2304  
 Delta R.T. -0.00 min  
 Lab File: BG038757.D  
 Acq: 20 Dec 2018 10:54

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:248 Resp: 81358  
 Ion Ratio Lower Upper  
 248 100  
 250 93.7 73.4 110.2  
 141 61.2 52.9 79.3

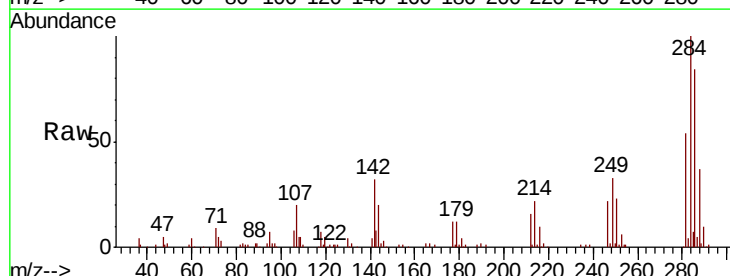


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

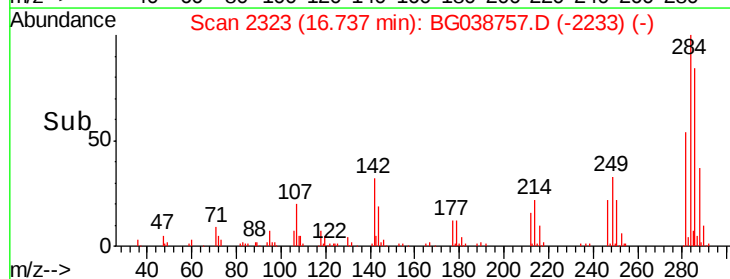
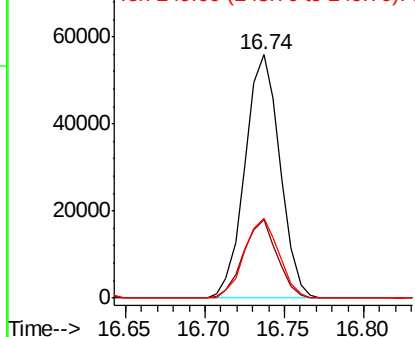


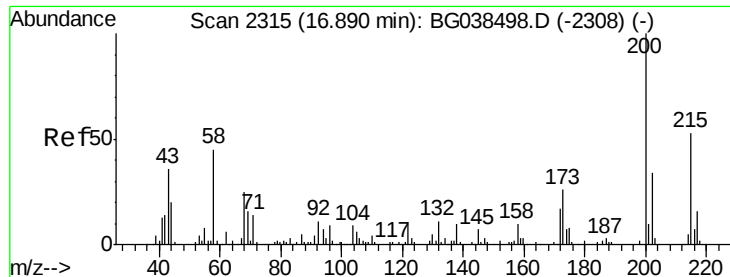
#68  
 Hexachlorobenzene  
 Concen: 39.157 ng  
 RT: 16.74 min Scan# 2323  
 Delta R.T. -0.00 min  
 Lab File: BG038757.D  
 Acq: 20 Dec 2018 10:54

Tgt Ion:284 Resp: 85553  
 Ion Ratio Lower Upper  
 284 100  
 142 32.4 25.8 38.6  
 249 35.4 27.0 40.4



Abundance Ion 283.80 (283.50 to 284.50): E  
 Ion 142.00 (141.70 to 142.70): E  
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 42.088 ng

RT: 16.88 min Scan# 2348

Delta R.T. -0.01 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

Instrument :

BNA\_G

ClientSampleId :

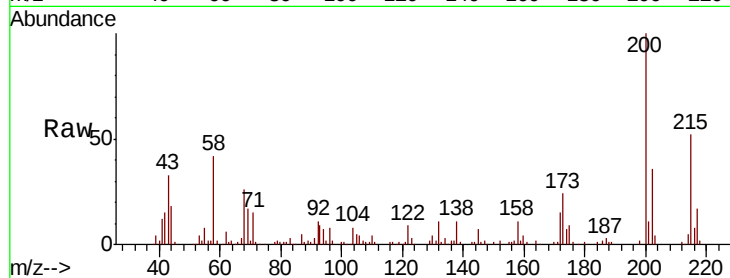
Tot Ion:200 Resp: 79203

Ion Ratio Lower Upper

200 100

173 24.2 5.9 45.9

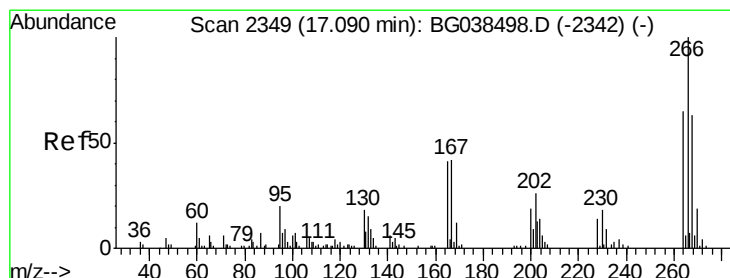
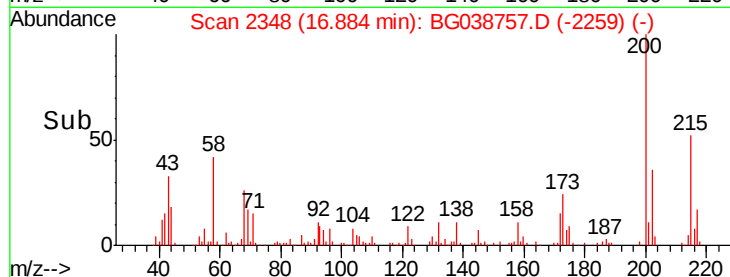
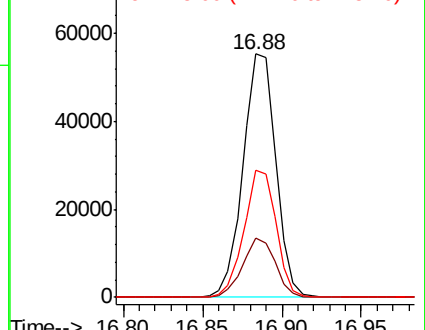
215 52.1 33.1 73.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 62.897 ng

RT: 17.09 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

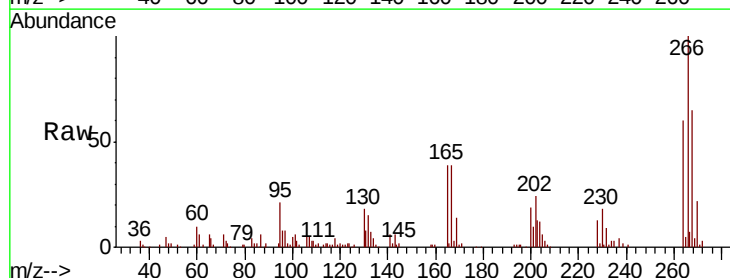
Tgt Ion:266 Resp: 81283

Ion Ratio Lower Upper

266 100

268 69.0 55.0 82.6

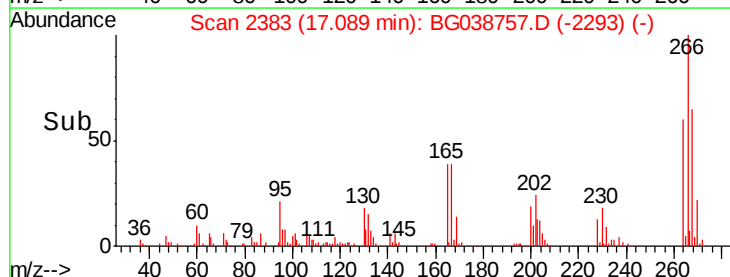
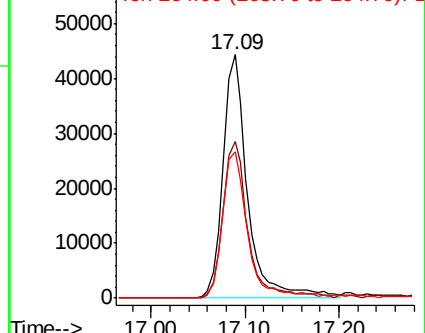
264 64.9 56.7 85.1

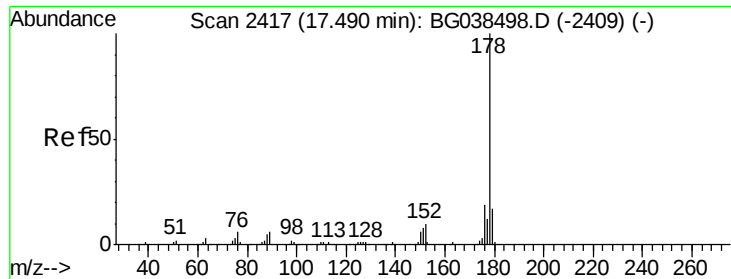


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

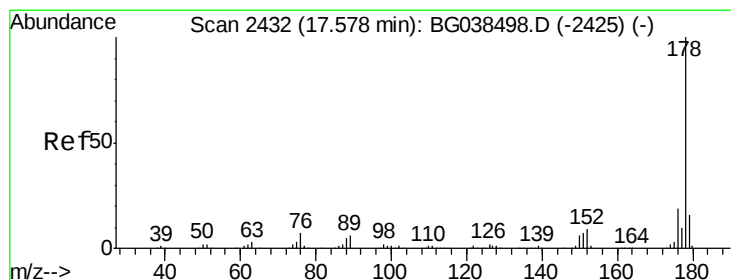
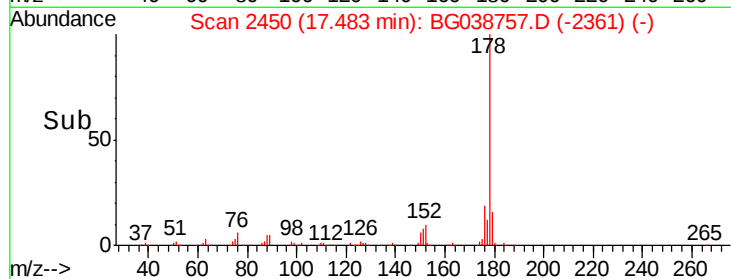
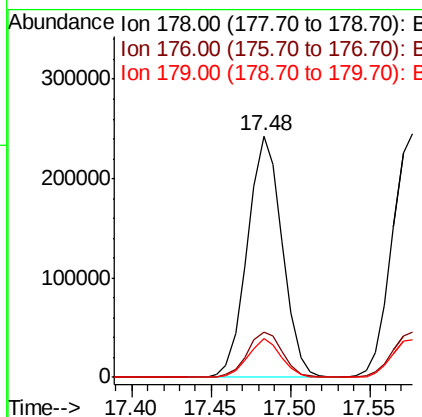
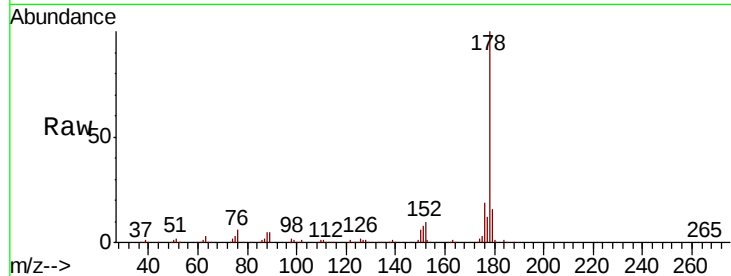




#71  
Phenanthrene  
Concen: 41.318 ng  
RT: 17.48 min Scan# 2450  
Delta R.T. -0.01 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

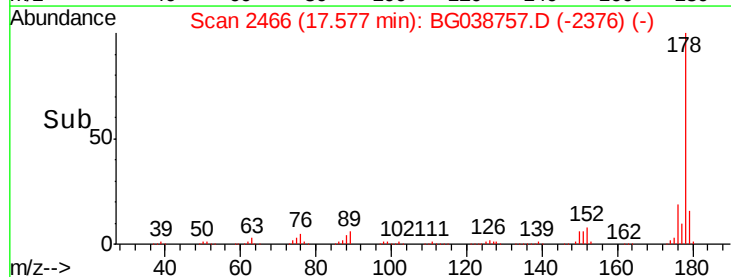
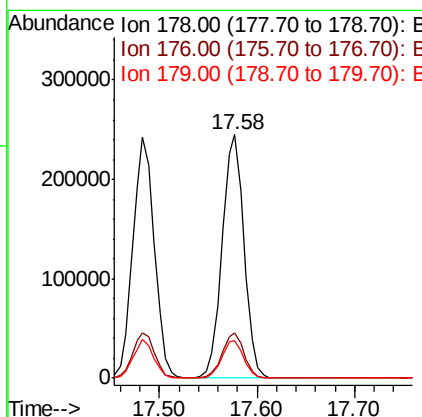
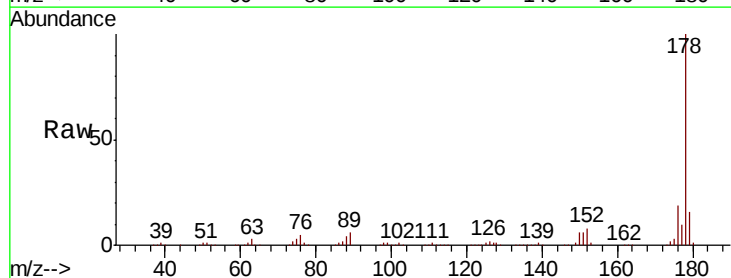
Instrument :  
BNA\_G  
ClientSampleId :

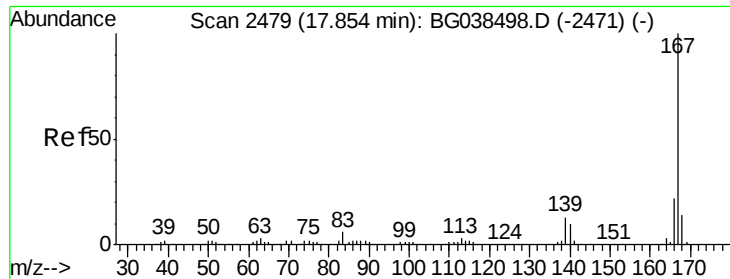
Tot Ion:178 Resp: 369771  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.1 22.7  
179 16.3 13.2 19.8



#72  
Anthracene  
Concen: 42.822 ng  
RT: 17.58 min Scan# 2466  
Delta R.T. -0.00 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

Tgt Ion:178 Resp: 378329  
Ion Ratio Lower Upper  
178 100  
176 18.6 15.1 22.7  
179 15.6 12.9 19.3

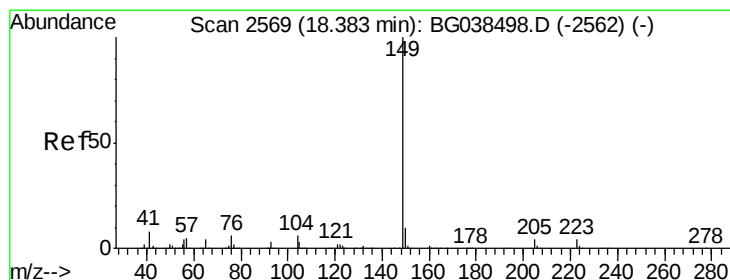
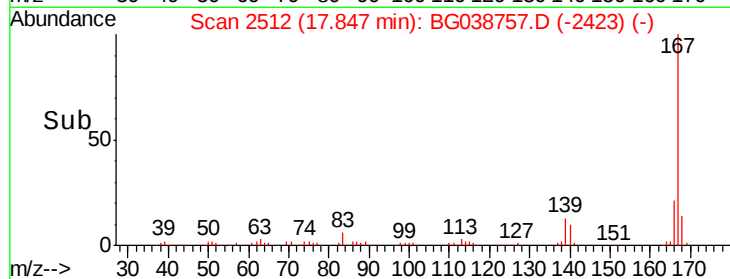
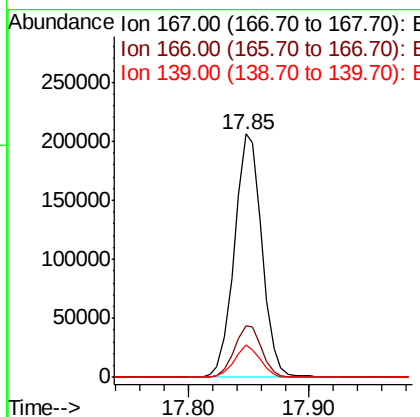
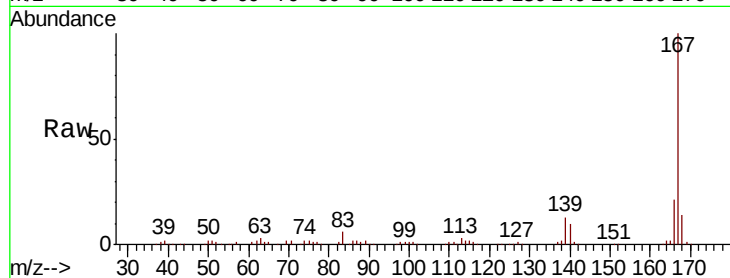




#73  
 Carbazole  
 Concen: 37.404 ng  
 RT: 17.85 min Scan# 2512  
 Delta R.T. -0.01 min  
 Lab File: BG038757.D  
 Acq: 20 Dec 2018 10:54

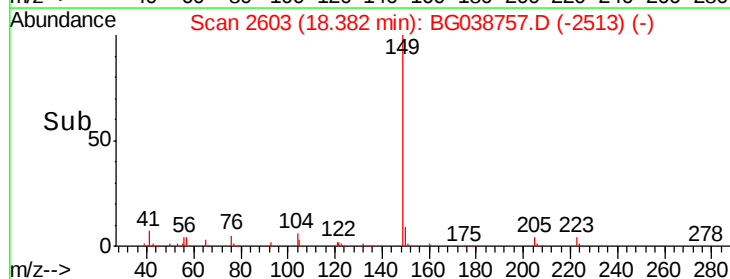
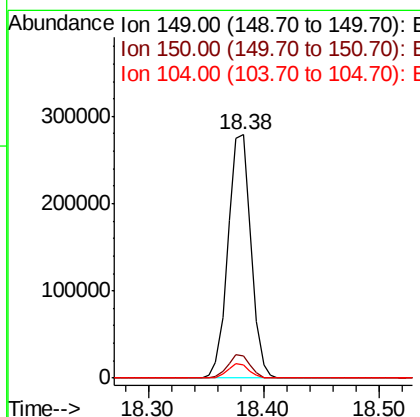
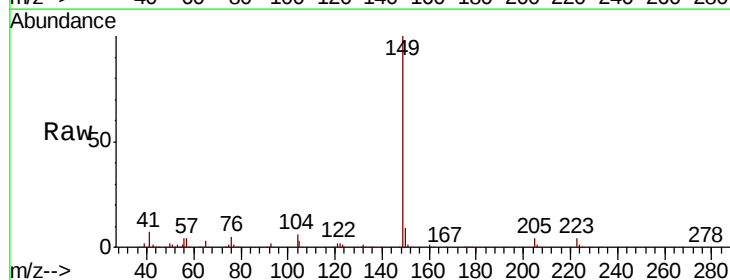
Instrument :  
 BNA\_G  
 ClientSampleId :

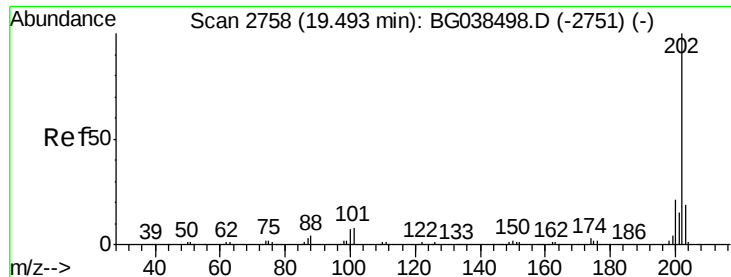
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.3  | 17.9  | 26.9  |
| 139     | 13.2  | 10.2  | 15.2  |



#74  
 Di-n-butylphthalate  
 Concen: 38.164 ng  
 RT: 18.38 min Scan# 2603  
 Delta R.T. -0.00 min  
 Lab File: BG038757.D  
 Acq: 20 Dec 2018 10:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.1   | 7.6   | 11.4  |
| 104     | 5.5   | 5.0   | 7.4   |

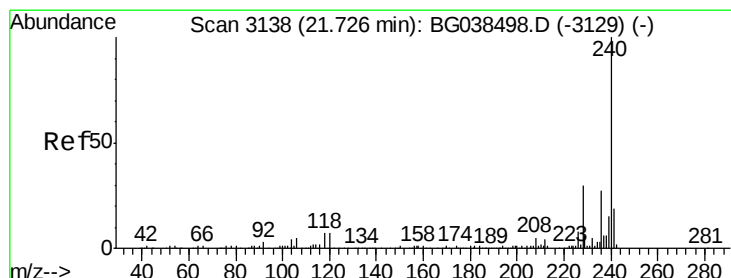
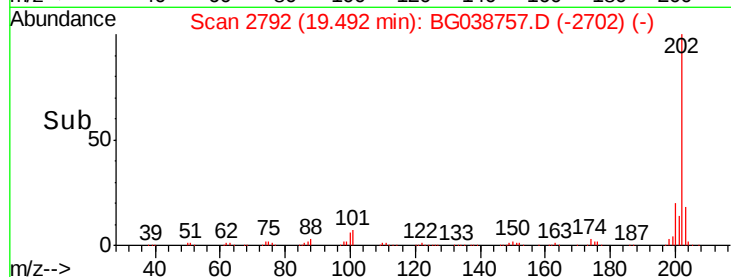
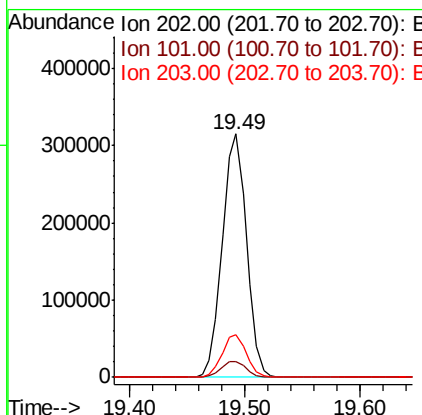
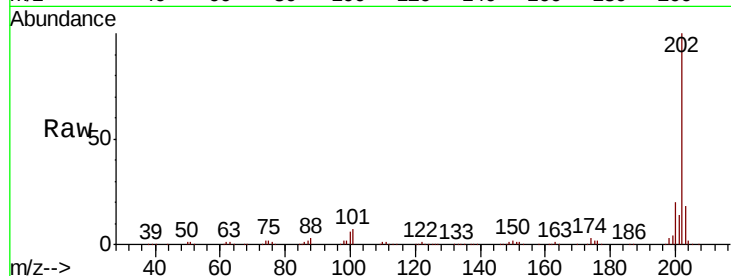




#75  
 Fluoranthene  
 Concen: 41.481 ng  
 RT: 19.49 min Scan# 2792  
 Delta R.T. -0.00 min  
 Lab File: BG038757.D  
 Acq: 20 Dec 2018 10:54

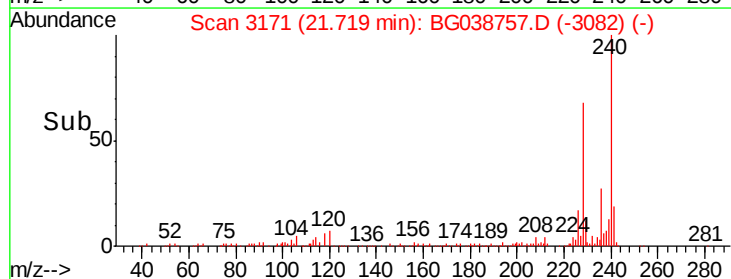
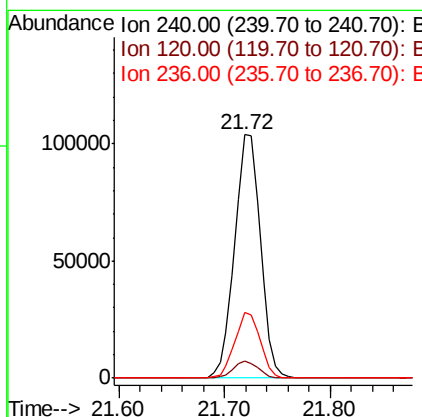
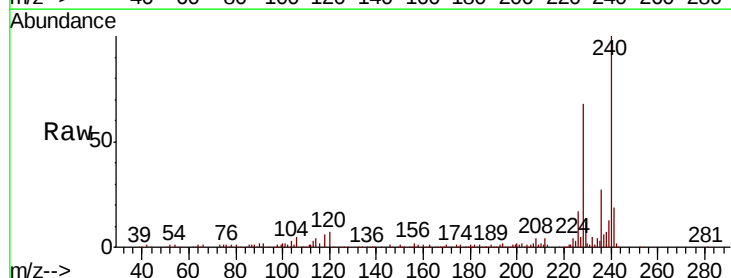
Instrument :  
 BNA\_G  
 ClientSampleId :

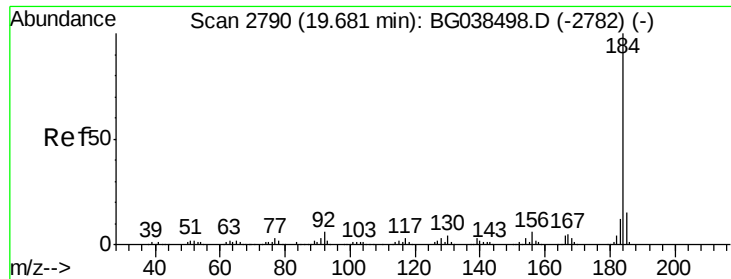
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 6.6   | 0.0   | 28.1  |
| 203     | 17.6  | 0.0   | 39.0  |



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.72 min Scan# 3171  
 Delta R.T. -0.01 min  
 Lab File: BG038757.D  
 Acq: 20 Dec 2018 10:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 7.1   | 5.3   | 7.9   |
| 236     | 27.0  | 21.4  | 32.2  |





#77

Benzidine

Concen: 22.699 ng

RT: 19.67 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

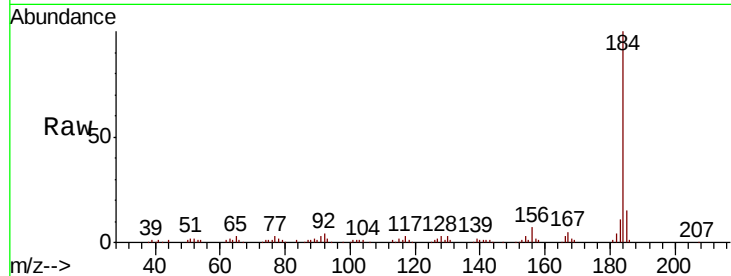
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:184 Resp: 117816

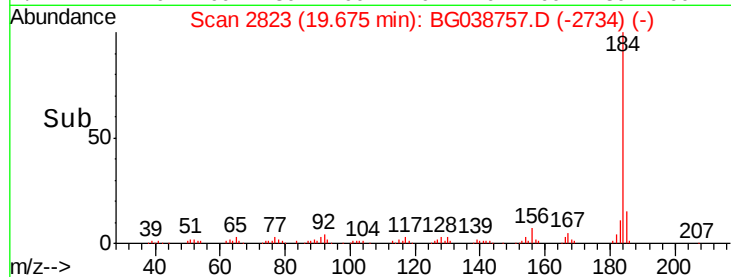
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 15.3  | 12.2  | 18.2  |
| 183 | 10.8  | 9.6   | 14.4  |



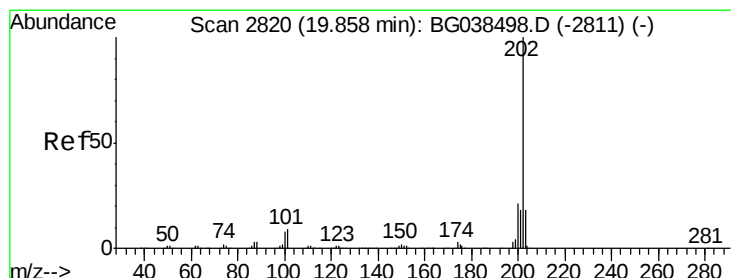
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 39.349 ng

RT: 19.86 min Scan# 2854

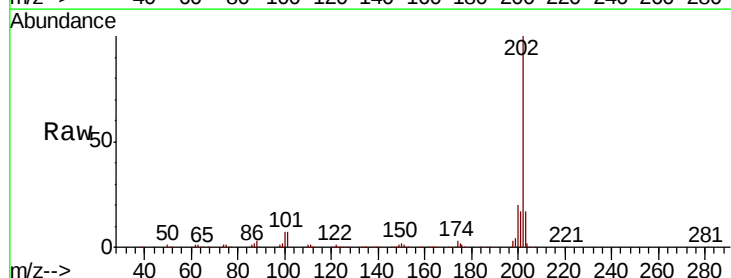
Delta R.T. -0.00 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

Tgt Ion:202 Resp: 456212

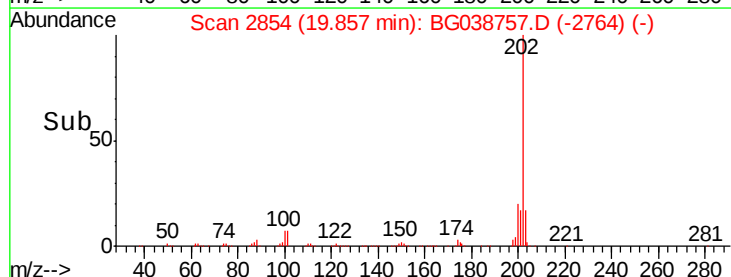
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 20.2  | 16.6  | 25.0  |
| 203 | 17.3  | 14.6  | 21.8  |



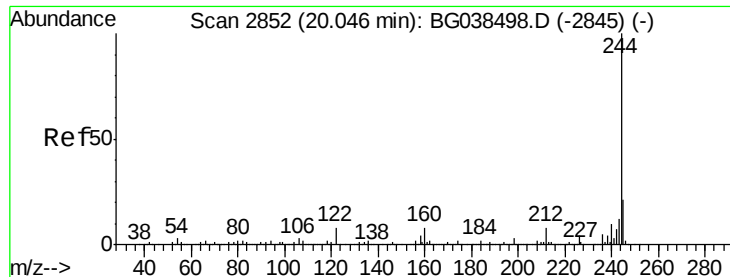
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#79

Terphenyl-d14

Concen: 87.149 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

Instrument :

BNA\_G

ClientSampleId :

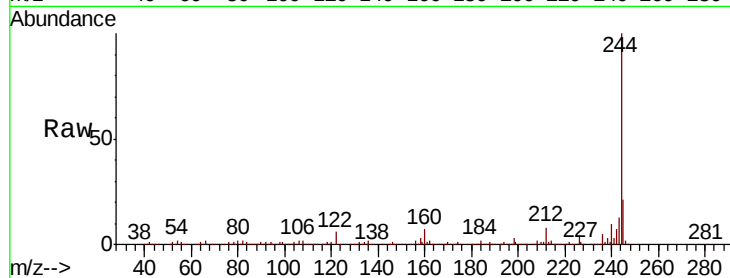
Tot Ion:244 Resp: 702773

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

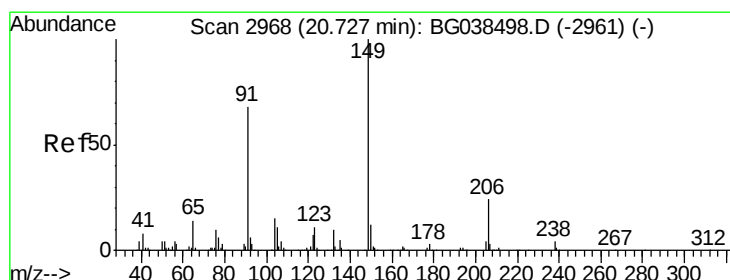
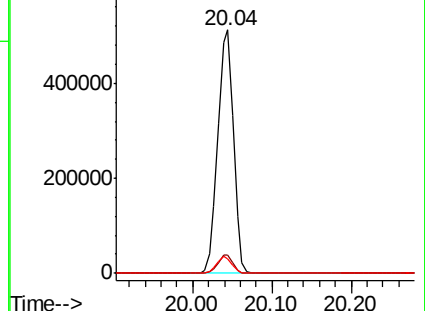
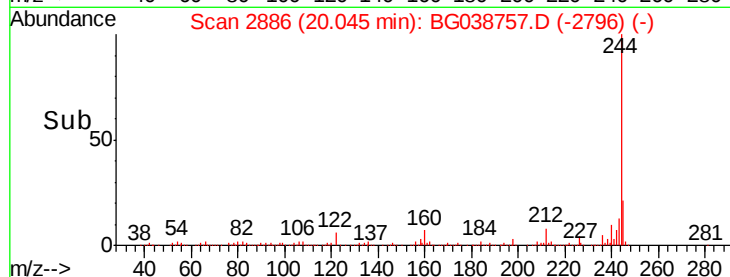
122 6.2 6.3 9.5#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.867 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.01 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

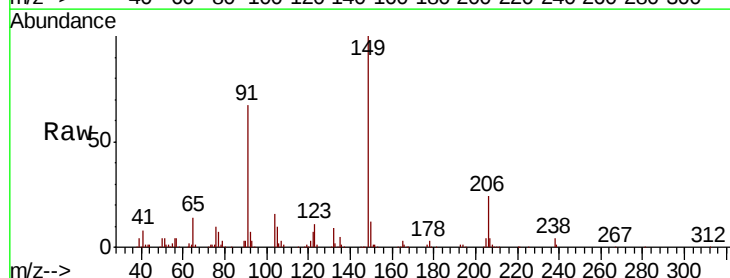
Tgt Ion:149 Resp: 171525

Ion Ratio Lower Upper

149 100

91 67.4 54.5 81.7

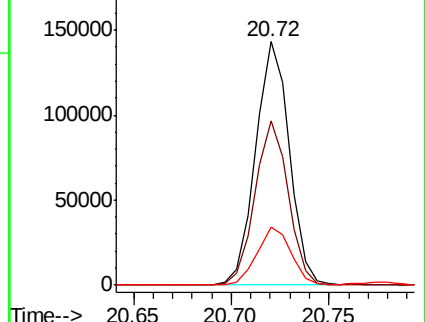
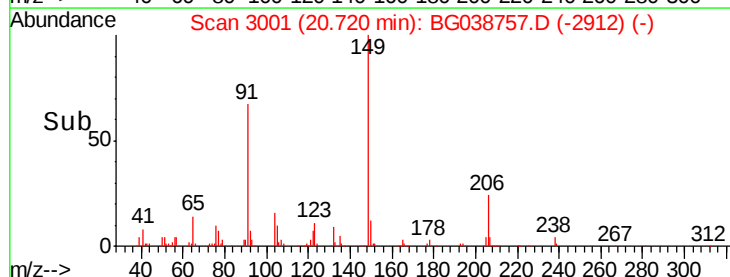
206 23.7 19.0 28.6

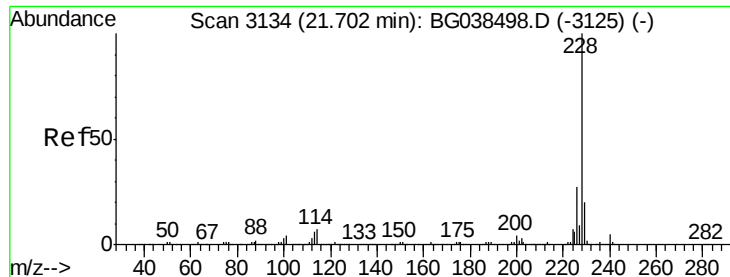


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.643 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

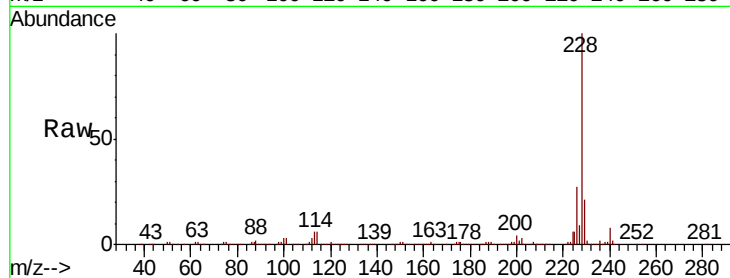
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:228 Resp: 445329

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 27.3  | 21.8  | 32.8  |
| 229 | 21.2  | 15.8  | 23.6  |

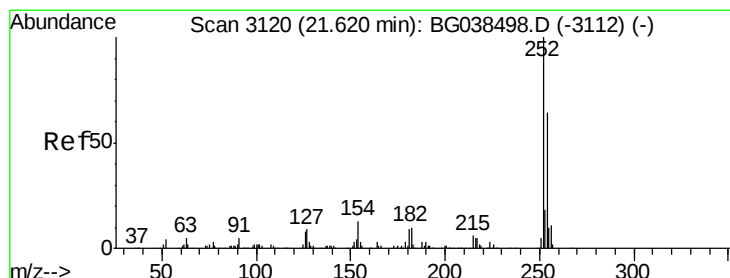
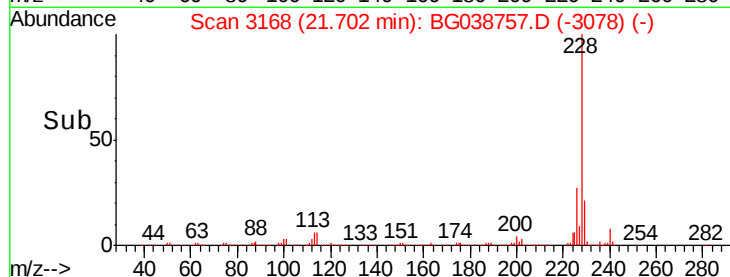
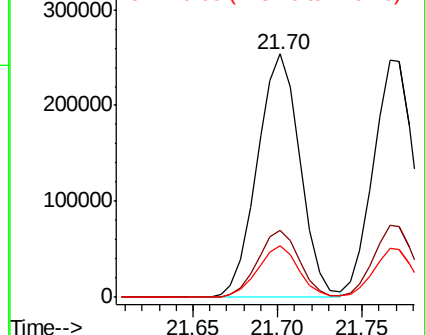


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 18.436 ng

RT: 21.61 min Scan# 3153

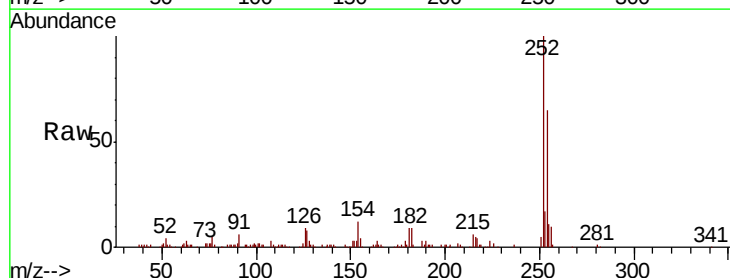
Delta R.T. -0.01 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

Tgt Ion:252 Resp: 78195

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 64.7  | 50.9  | 76.3  |
| 126 | 8.6   | 6.3   | 9.5   |

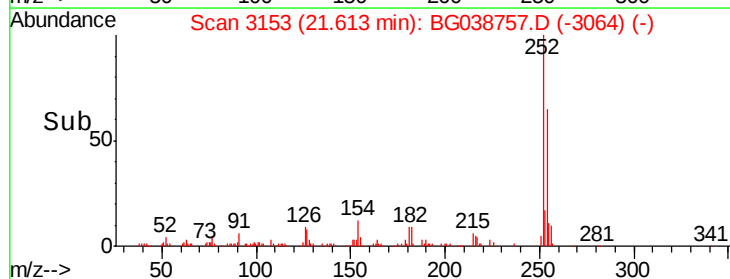
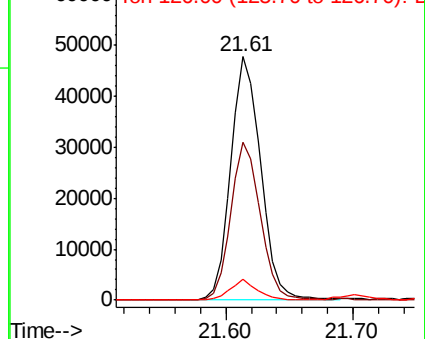


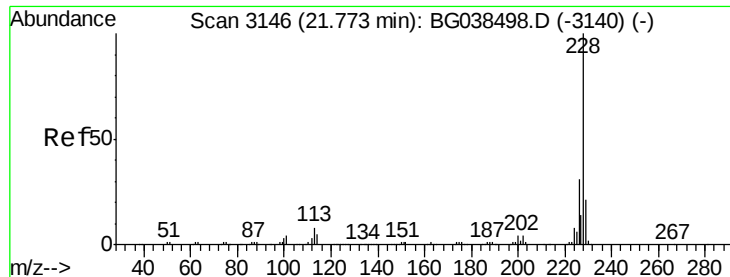
Abundance

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





#83

Chrysene

Concen: 40.352 ng

RT: 21.77 min Scan# 3179

Delta R.T. -0.01 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

Instrument :

BNA\_G

ClientSampleId :

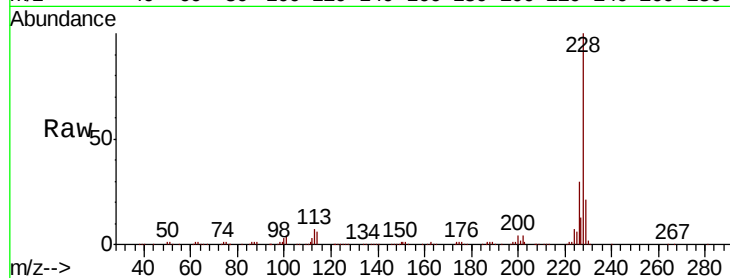
Tot Ion:228 Resp: 415649

Ion Ratio Lower Upper

228 100

226 30.5 25.0 37.4

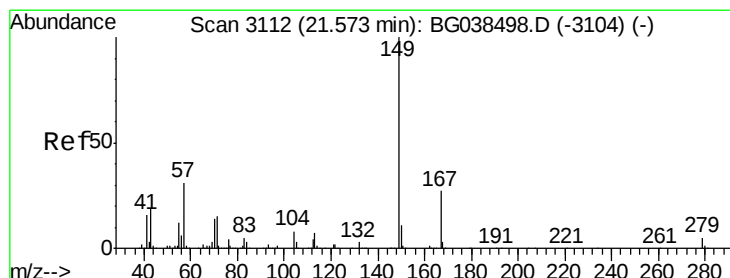
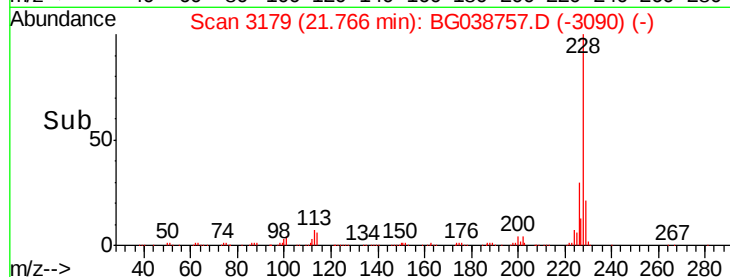
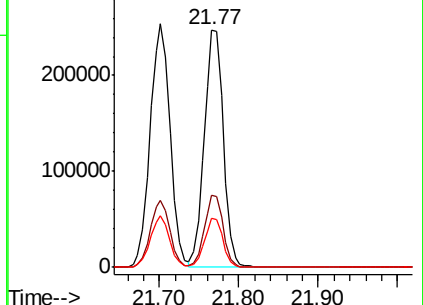
229 20.6 16.5 24.7



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

Bis(2-ethylhexyl)phthalate

Concen: 37.223 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

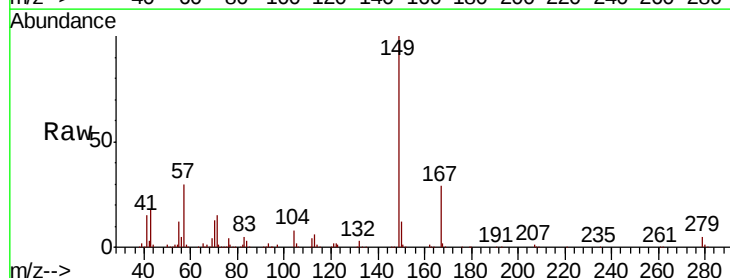
Tgt Ion:149 Resp: 239129

Ion Ratio Lower Upper

149 100

167 29.5 21.9 32.9

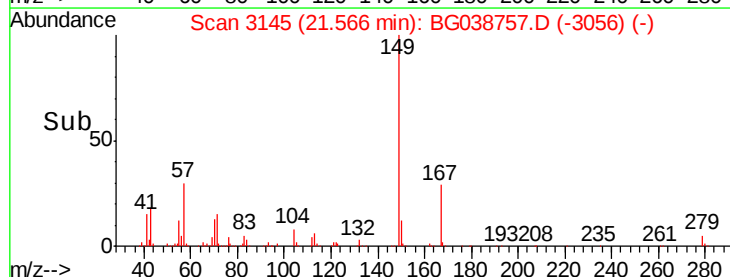
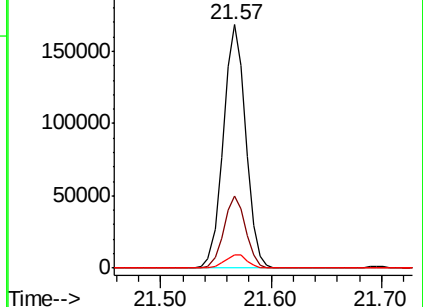
279 5.4 4.2 6.2

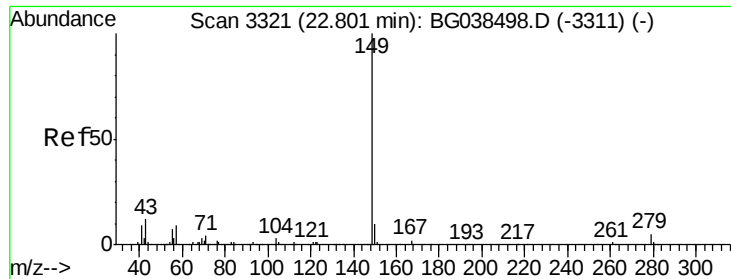


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 37.741 ng

RT: 22.79 min Scan# 3354

Delta R.T. -0.01 min

Lab File: BG038757.D

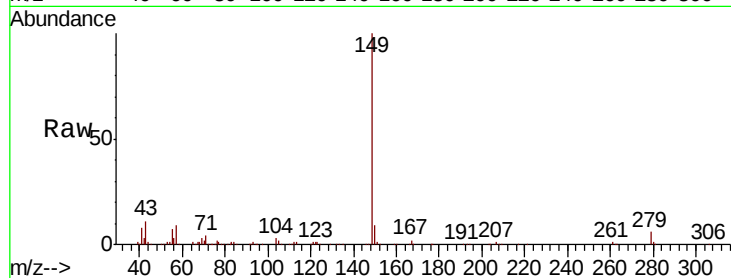
Acq: 20 Dec 2018 10:54

Instrument :

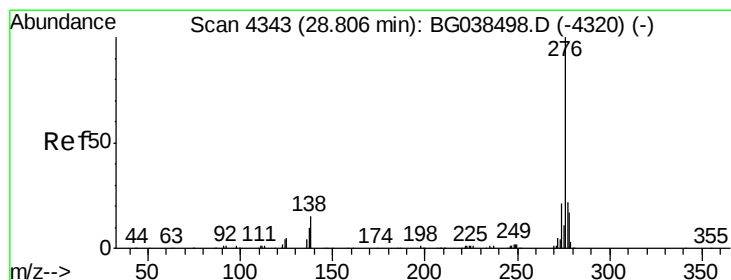
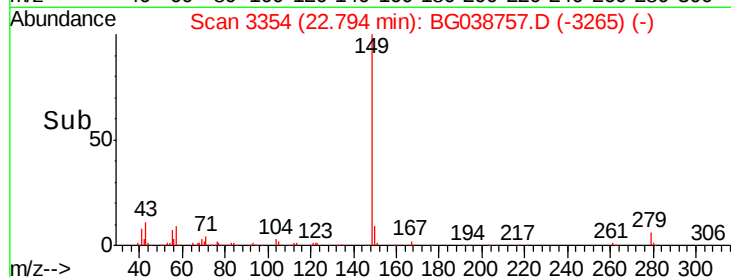
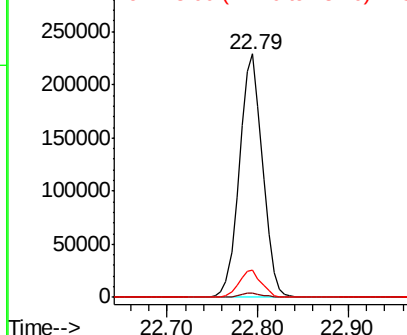
BNA\_G

ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 149   | Resp: | 406053 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 167      | 1.7   | 1.2   | 1.8    |
| 43       | 11.2  | 9.3   | 13.9   |



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): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.654 ng

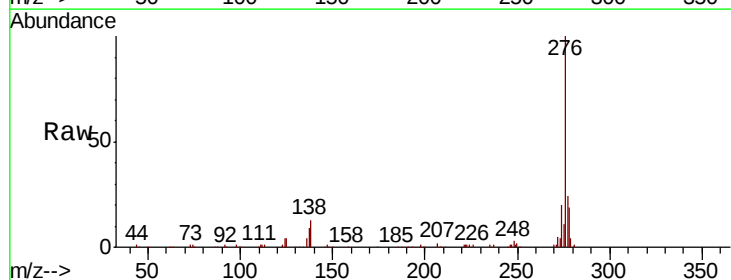
RT: 28.80 min Scan# 4376

Delta R.T. -0.01 min

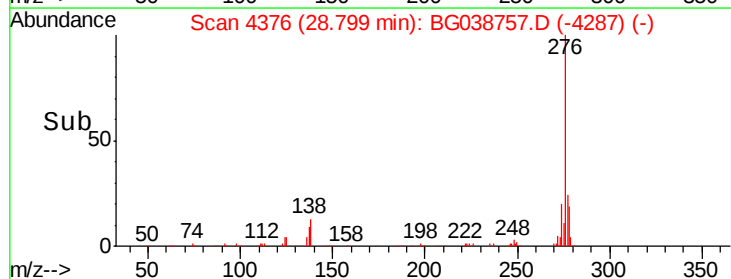
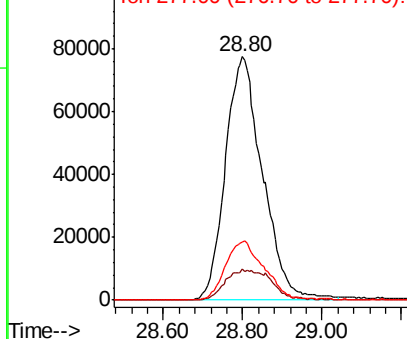
Lab File: BG038757.D

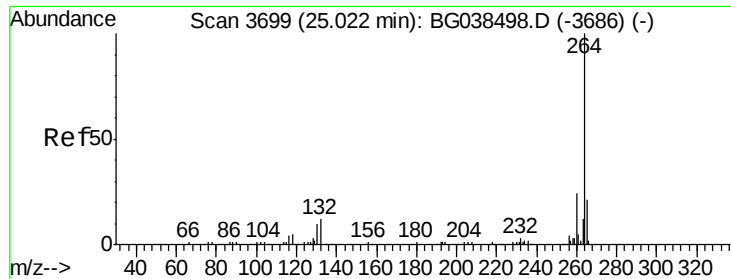
Acq: 20 Dec 2018 10:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 276   | Resp: | 504429 |
| Ion      | Ratio | Lower | Upper  |
| 276      | 100   |       |        |
| 138      | 15.2  | 14.4  | 21.6   |
| 277      | 25.3  | 0.0   | 0.0#   |



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

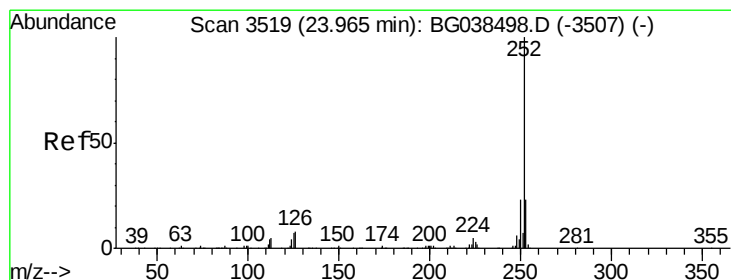
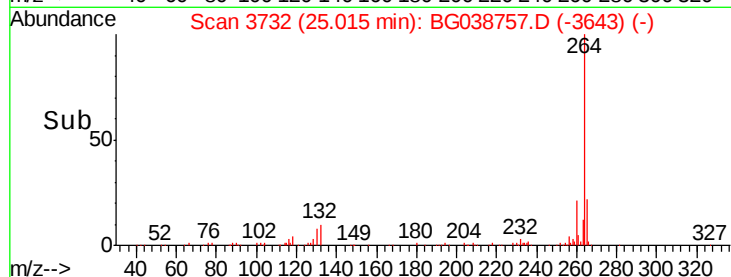
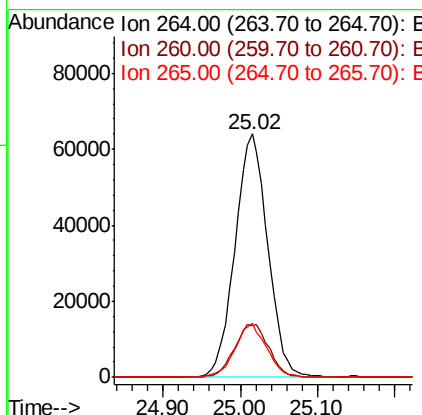
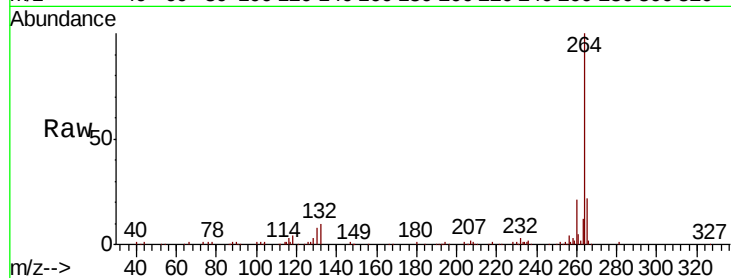




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 25.02 min Scan# 3732  
Delta R.T. -0.01 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

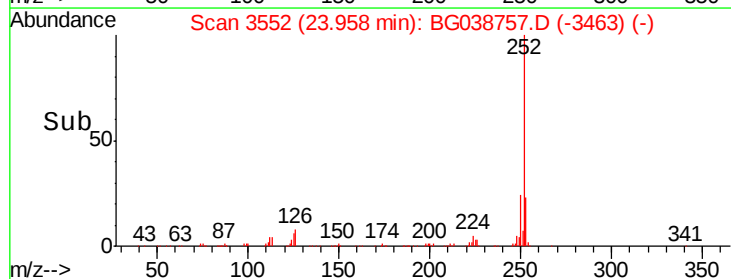
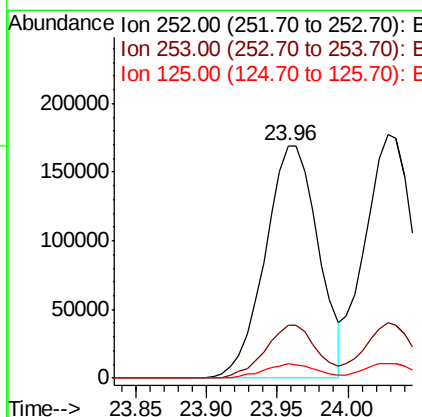
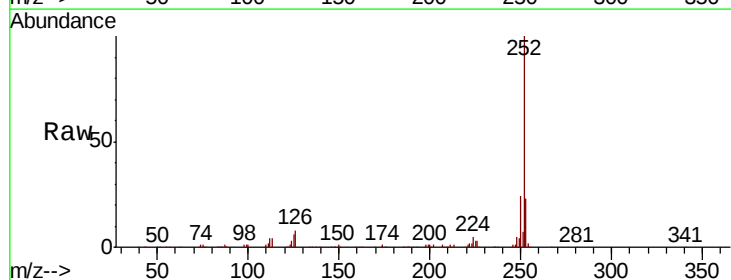
Instrument :  
BNA\_G  
ClientSampleId :

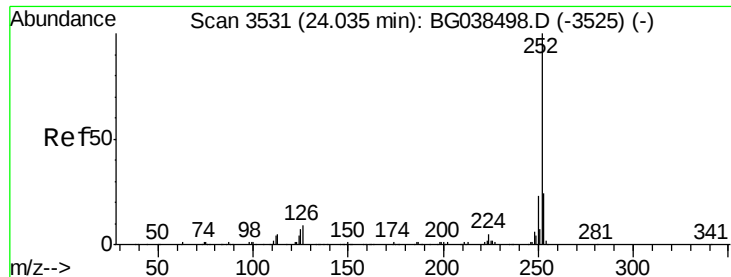
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 21.4  | 18.9  | 28.3  |
| 265     | 22.2  | 17.0  | 25.4  |



#88  
Benzo(b)fluoranthene  
Concen: 42.496 ng  
RT: 23.96 min Scan# 3552  
Delta R.T. -0.01 min  
Lab File: BG038757.D  
Acq: 20 Dec 2018 10:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.6  | 18.1  | 27.1  |
| 125     | 6.0   | 5.5   | 8.3   |





#89

Benzo(k)fluoranthene

Concen: 41.806 ng

RT: 24.03 min Scan# 3564

Delta R.T. -0.01 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

Instrument :

BNA\_G

ClientSampleId :

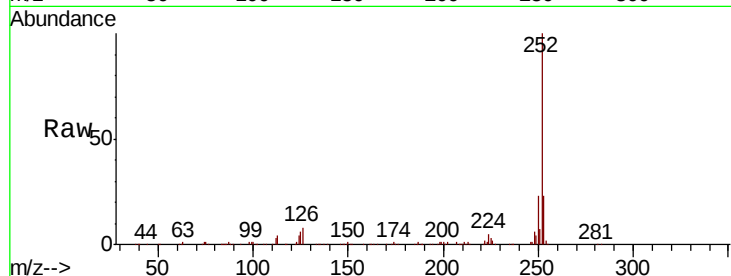
Tot Ion:252 Resp: 435053

Ion Ratio Lower Upper

252 100

253 22.9 18.9 28.3

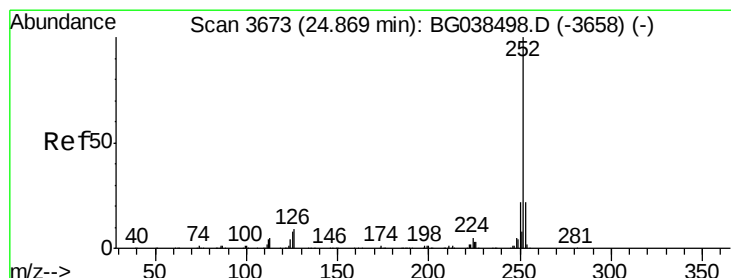
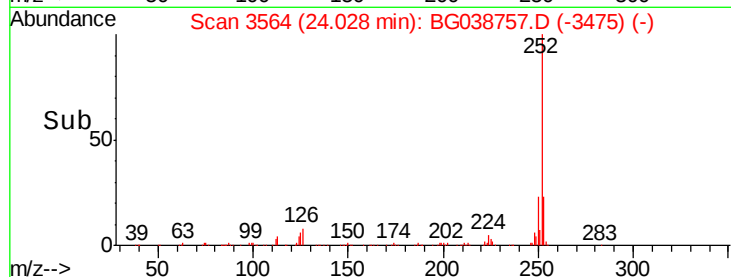
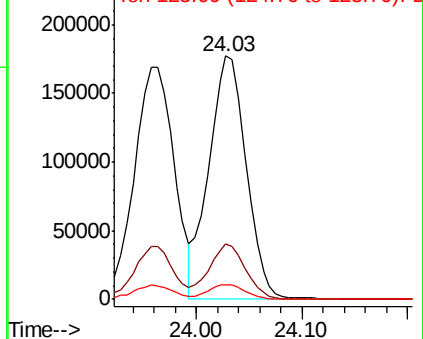
125 5.9 5.4 8.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 43.310 ng

RT: 24.86 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

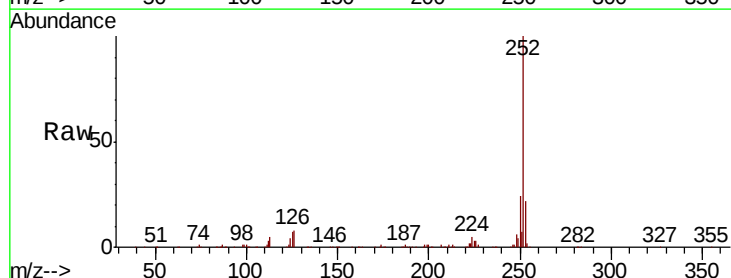
Tgt Ion:252 Resp: 436650

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

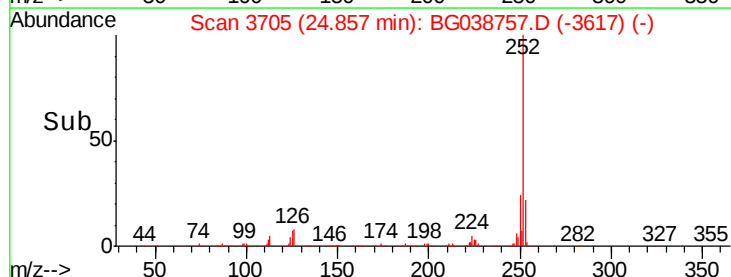
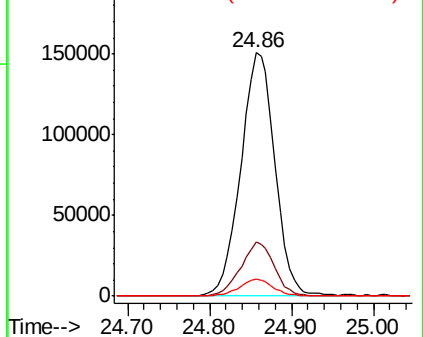
125 6.8 6.4 9.6

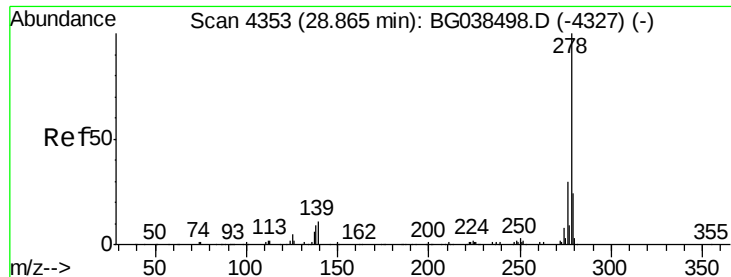


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 41.364 ng

RT: 28.86 min Scan# 4387

Delta R.T. -0.00 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

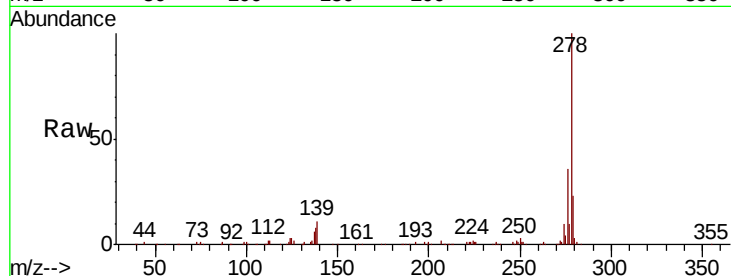
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:278 Resp: 415223

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 10.9  | 8.6   | 12.8  |
| 279 | 23.3  | 19.0  | 28.6  |

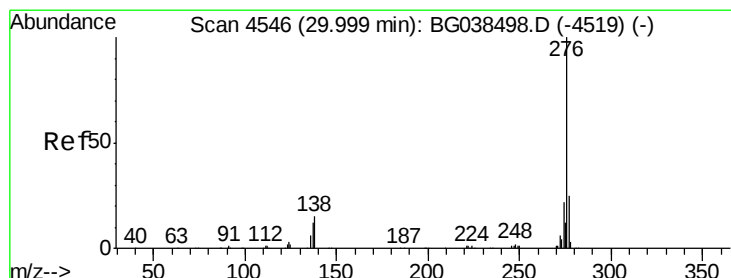
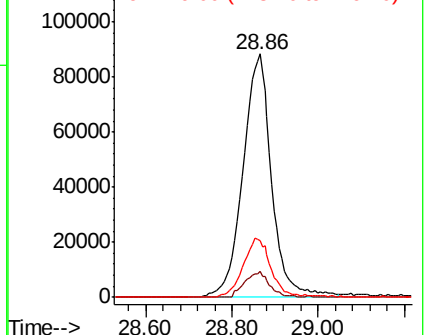
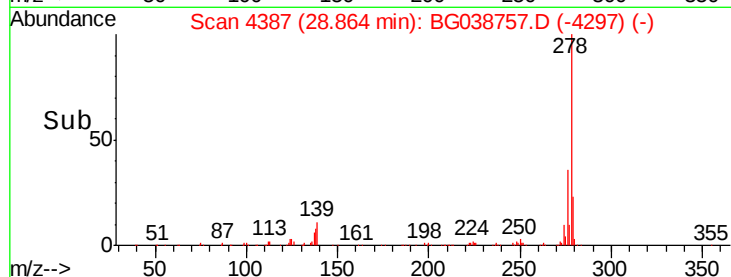


Abundance

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



#92

Benzo(g,h,i)perylene

Concen: 42.224 ng

RT: 29.99 min Scan# 4579

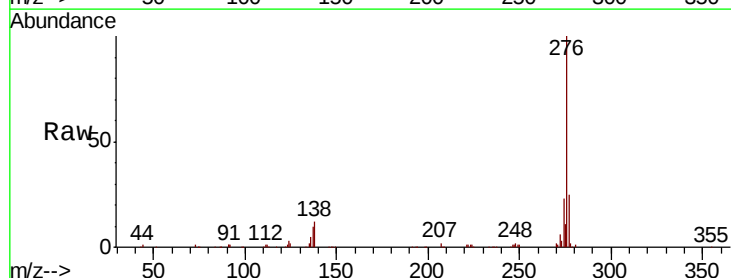
Delta R.T. -0.01 min

Lab File: BG038757.D

Acq: 20 Dec 2018 10:54

Tgt Ion:276 Resp: 417713

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 25.4  | 19.8  | 29.8  |
| 138 | 12.0  | 11.8  | 17.6  |



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

