

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083118\  
 Data File : BG036512.D  
 Acq On : 31 Aug 2018 19:08  
 Operator : JU/SJ  
 Sample : PB112535BS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Sep 01 01:02:40 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 31 13:03:20 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.06  | 152  | 60247    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.87 | 136  | 253132   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.69 | 164  | 167786   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.43 | 188  | 438746   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.70 | 240  | 439604   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.90 | 264  | 460407   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.63  | 112  | 465215   | 122.49 | ng    | 0.00     |
| 7) Phenol-d6                | 7.22  | 99   | 647361   | 119.05 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.22  | 82   | 380177   | 81.49  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 16.17 | 330  | 275662   | 137.69 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 13.31 | 172  | 904423   | 76.96  | ng    | 0.00     |
| 78) Terphenyl-d14           | 20.03 | 244  | 1524045  | 81.03  | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc    | Units | Qvalue |
|--------------------------------|-------|------|----------|---------|-------|--------|
| 2) 1,4-Dioxane                 | 3.53  | 88   | 55008    | 31.035  | ng    | 97     |
| 3) Pyridine                    | 3.92  | 79   | 165756   | 33.316  | ng    | 97     |
| 4) n-Nitrosodimethylamine      | 3.84  | 42   | 83806    | 37.819  | ng    | 88     |
| 6) Aniline                     | 7.38  | 93   | 263645   | 38.197  | ng    | 96     |
| 8) 2-Chlorophenol              | 7.62  | 128  | 175436   | 42.595  | ng    | 98     |
| 9) Benzaldehyde                | 7.20  | 77   | 96493    | 25.769  | ng    | 98     |
| 10) Phenol                     | 7.24  | 94   | 246039   | 43.237  | ng    | 97     |
| 11) bis(2-Chloroethyl)ether    | 7.48  | 93   | 170611   | 37.818  | ng    | 96     |
| 12) 1,3-Dichlorobenzene        | 7.95  | 146  | 177814   | 37.809  | ng    | 99     |
| 13) 1,4-Dichlorobenzene        | 8.09  | 146  | 180049   | 37.919  | ng    | 98     |
| 14) 1,2-Dichlorobenzene        | 8.42  | 146  | 173260   | 38.208  | ng    | 100    |
| 15) Benzyl Alcohol             | 8.29  | 79   | 175167   | 39.960  | ng    | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.59  | 45   | 312773   | 34.378  | ng    | 99     |
| 17) 2-Methylphenol             | 8.49  | 107  | 167282   | 44.272  | ng    | 99     |
| 18) Hexachloroethane           | 9.15  | 117  | 65846    | 38.679  | ng    | 96     |
| 19) n-Nitroso-di-n-propylamine | 8.86  | 70   | 145114   | 35.707  | ng    | 91     |
| 20) 3+4-Methylphenols          | 8.82  | 107  | 230327   | 43.661  | ng    | 98     |
| 22) Acetophenone               | 8.88  | 105  | 274477   | 41.293  | ng    | # 95   |
| 24) Nitrobenzene               | 9.26  | 77   | 210149   | 41.772  | ng    | 94     |
| 25) Isophorone                 | 9.79  | 82   | 406790   | 43.891  | ng    | 99     |
| 26) 2-Nitrophenol              | 9.97  | 139  | 95580    | 47.944  | ng    | 97     |
| 27) 2,4-Dimethylphenol         | 10.03 | 122  | 187791   | 50.880  | ng    | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.27 | 93   | 239587   | 42.121  | ng    | 98     |
| 29) 2,4-Dichlorophenol         | 10.51 | 162  | 196547   | 48.590  | ng    | 96     |
| 30) 1,2,4-Trichlorobenzene     | 10.73 | 180  | 196234   | 41.469  | ng    | 99     |
| 31) Naphthalene                | 10.91 | 128  | 553485   | 43.741  | ng    | 99     |
| 32) Benzoic acid               | 10.16 | 122  | 109732   | 40.838  | ng    | 96     |
| 33) 4-Chloroaniline            | 11.02 | 127  | 224710   | 38.753  | ng    | 98     |
| 34) Hexachlorobutadiene        | 11.20 | 225  | 128535   | 40.428  | ng    | 96     |
| 35) Caprolactam                | 11.79 | 113  | 49999    | 31.029  | ng    | 93     |
| 36) 4-Chloro-3-methylphenol    | 12.13 | 107  | 216051   | 45.967  | ng    | 99     |
| 37) 2-Methylnaphthalene        | 12.52 | 142  | 437245   | 47.225  | ng    | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.88 | 216  | 247972   | 41.762  | ng    | 98     |
| 40) Hexachlorocyclopentadiene  | 12.86 | 237  | 311917   | 100.963 | ng    | 99     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083118\  
 Data File : BG036512.D  
 Acq On : 31 Aug 2018 19:08  
 Operator : JU/SJ  
 Sample : PB112535BS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

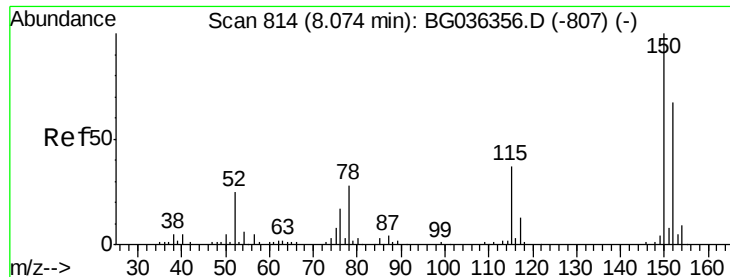
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Sep 01 01:02:40 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 31 13:03:20 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.12 | 196  | 168552   | 46.600 | nq    | 97       |
| 43) 2,4,5-Trichlorophenol      | 13.19 | 196  | 183525   | 47.571 | nq    | 99       |
| 45) 1,1'-Biphenyl              | 13.52 | 154  | 566153   | 40.650 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 13.56 | 162  | 437615   | 41.158 | nq    | 99       |
| 47) 2-Nitroaniline             | 13.76 | 65   | 154977   | 46.417 | nq    | 95       |
| 48) Acenaphthylene             | 14.41 | 152  | 739590   | 44.508 | nq    | 99       |
| 49) Dimethylphthalate          | 14.14 | 163  | 585445   | 42.731 | nq    | 98       |
| 50) 2,6-Dinitrotoluene         | 14.25 | 165  | 131311   | 46.577 | nq    | 90       |
| 51) Acenaphthene               | 14.75 | 154  | 484298   | 45.507 | nq    | 99       |
| 52) 3-Nitroaniline             | 14.59 | 138  | 129550   | 42.642 | nq    | # 94     |
| 53) 2,4-Dinitrophenol          | 14.79 | 184  | 102794   | 96.262 | nq    | 96       |
| 54) Dibenzofuran               | 15.09 | 168  | 709985   | 42.583 | nq    | 99       |
| 55) 4-Nitrophenol              | 14.89 | 139  | 218566   | 87.989 | nq    | 98       |
| 56) 2,4-Dinitrotoluene         | 15.04 | 165  | 186349   | 50.717 | nq    | 88       |
| 57) Fluorene                   | 15.73 | 166  | 568305   | 45.596 | nq    | 97       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.30 | 232  | 185200   | 51.094 | nq    | 95       |
| 59) Diethylphthalate           | 15.50 | 149  | 582263   | 42.170 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.72 | 204  | 324127   | 42.114 | nq    | 96       |
| 61) 4-Nitroaniline             | 15.75 | 138  | 148619   | 46.748 | nq    | 95       |
| 62) Azobenzene                 | 16.01 | 77   | 564859   | 40.207 | nq    | 98       |
| 64) 4,6-Dinitro-2-methylphenol | 15.80 | 198  | 89829    | 46.608 | nq    | 92       |
| 65) n-Nitrosodiphenylamine     | 15.94 | 169  | 525018   | 40.272 | nq    | 98       |
| 66) 4-Bromophenyl-phenylether  | 16.62 | 248  | 215185   | 41.891 | nq    | 98       |
| 67) Hexachlorobenzene          | 16.73 | 284  | 218652   | 41.628 | nq    | 99       |
| 68) Atrazine                   | 16.88 | 200  | 216793   | 44.304 | nq    | 100      |
| 69) Pentachlorophenol          | 17.07 | 266  | 273427   | 76.593 | nq    | 98       |
| 70) Phenanthrene               | 17.47 | 178  | 966002   | 43.330 | nq    | 99       |
| 71) Anthracene                 | 17.56 | 178  | 986127   | 44.374 | nq    | 98       |
| 72) Carbazole                  | 17.83 | 167  | 876151   | 39.477 | nq    | 100      |
| 73) Di-n-butylphthalate        | 18.39 | 149  | 992901   | 40.175 | nq    | 99       |
| 74) Fluoranthene               | 19.47 | 202  | 1192808  | 43.884 | nq    | 99       |
| 76) Benzidine                  | 19.65 | 184  | 821371   | 58.563 | nq    | 99       |
| 77) Pyrene                     | 19.83 | 202  | 1172189  | 43.361 | nq    | 98       |
| 79) Butylbenzylphthalate       | 20.72 | 149  | 462020   | 42.945 | nq    | 95       |
| 80) Benzo(a)anthracene         | 21.67 | 228  | 1177751  | 44.223 | nq    | 97       |
| 81) 3,3'-Dichlorobenzidine     | 21.59 | 252  | 380387   | 35.839 | nq    | 97       |
| 82) Chrysene                   | 21.74 | 228  | 1089032  | 43.141 | nq    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 21.58 | 149  | 628837   | 41.770 | nq    | 99       |
| 84) Di-n-octyl phthalate       | 22.80 | 149  | 1076609  | 42.814 | nq    | 96       |
| 85) Indeno(1,2,3-cd)pyrene     | 28.55 | 276  | 1252333  | 42.713 | nq    | 99       |
| 87) Benzo(b)fluoranthene       | 23.89 | 252  | 1194944  | 46.739 | nq    | 97       |
| 88) Benzo(k)fluoranthene       | 23.96 | 252  | 1111951  | 44.519 | nq    | 98       |
| 89) Benzo(a)pyrene             | 24.76 | 252  | 1137961  | 46.320 | nq    | 100      |
| 90) Dibenzo(a,h)anthracene     | 28.62 | 278  | 1025116  | 43.222 | nq    | 98       |
| 91) Benzo(g,h,i)perylene       | 29.70 | 276  | 1039003  | 43.593 | nq    | 97       |

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



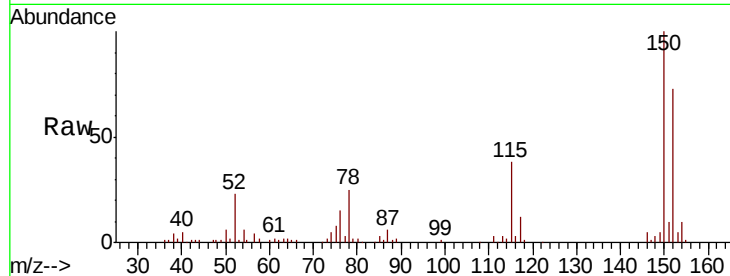


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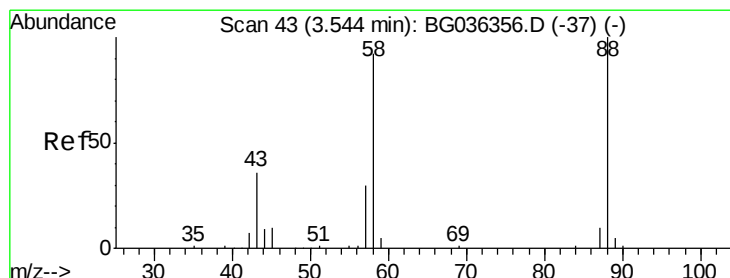
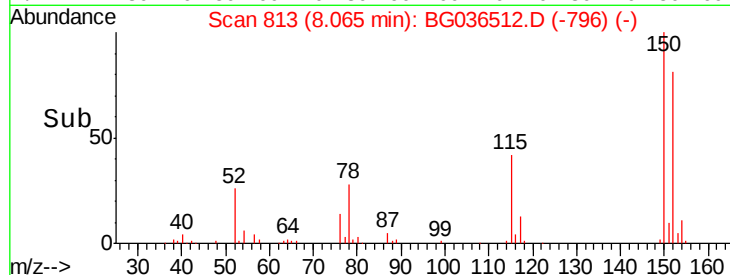
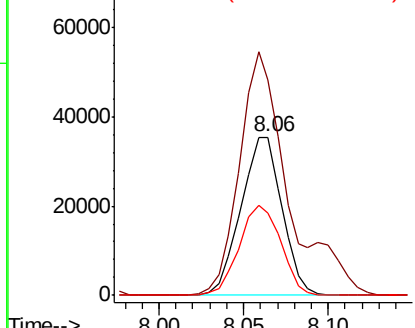
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.06 min Scan# 813  
Delta R.T. 0.00 min  
Lab File: BG036512.D  
Acq: 31 Aug 2018 19:08

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:152 Resp: 60247  
Ion Ratio Lower Upper  
152 100  
150 136.6 119.5 179.3  
115 52.4 44.5 66.7



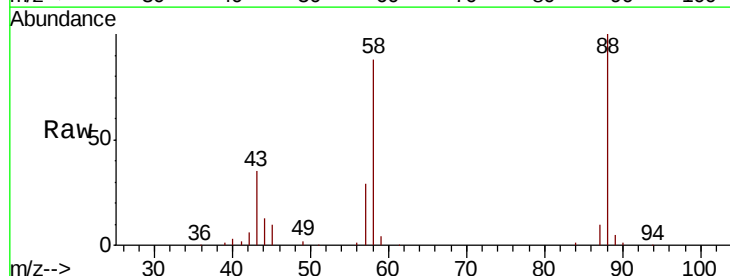
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



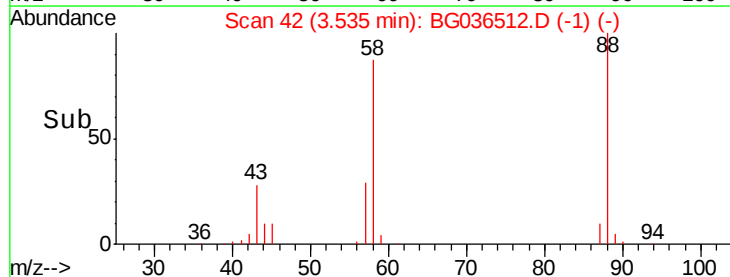
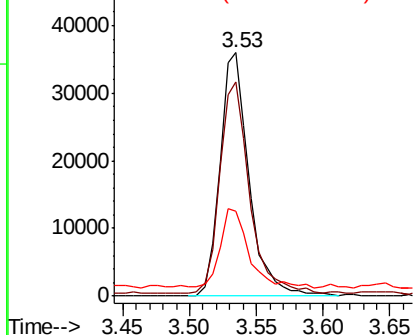
#2

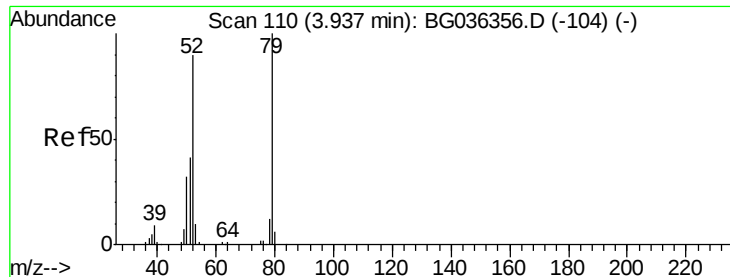
1,4-Dioxane  
Concen: 31.035 ng  
RT: 3.53 min Scan# 42  
Delta R.T. -0.00 min  
Lab File: BG036512.D  
Acq: 31 Aug 2018 19:08

Tgt Ion: 88 Resp: 55008  
Ion Ratio Lower Upper  
88 100  
58 89.5 72.6 109.0  
43 32.4 29.0 43.4



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: 33.316 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG036512.D

Acq: 31 Aug 2018 19:08

Instrument :

BNA\_G

ClientSampleId :

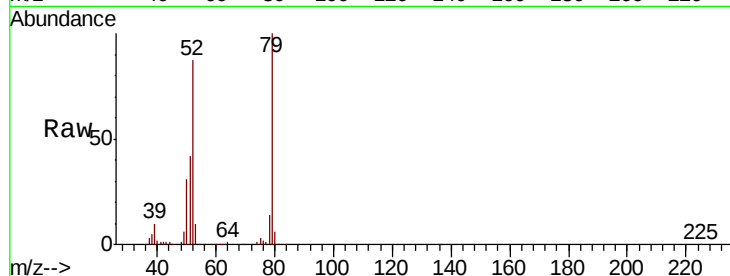
Tot Ion: 79 Resp: 165756

Ion Ratio Lower Upper

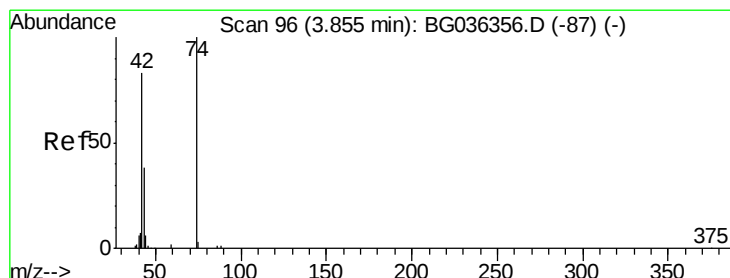
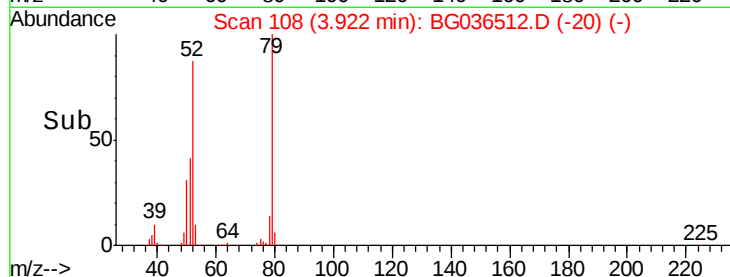
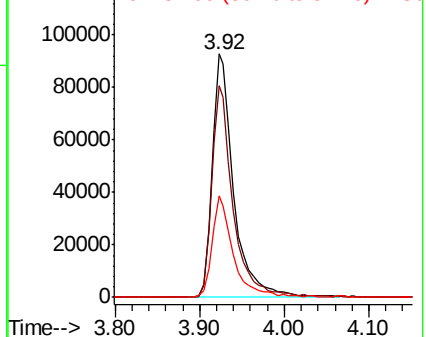
79 100

52 86.9 72.3 108.5

51 41.5 33.8 50.6



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: 37.819 ng

RT: 3.84 min Scan# 94

Delta R.T. -0.00 min

Lab File: BG036512.D

Acq: 31 Aug 2018 19:08

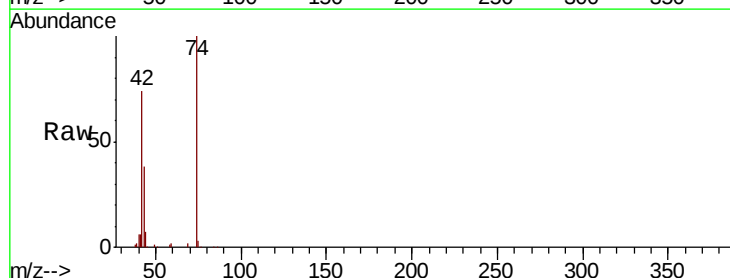
Tgt Ion: 42 Resp: 83806

Ion Ratio Lower Upper

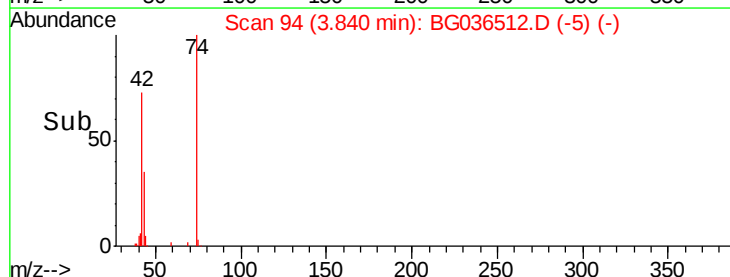
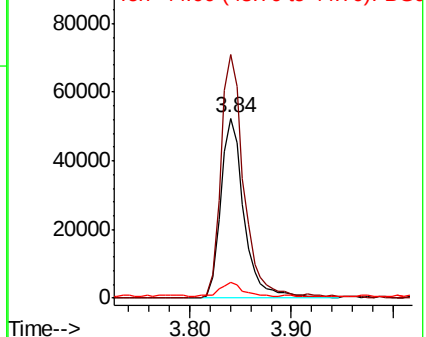
42 100

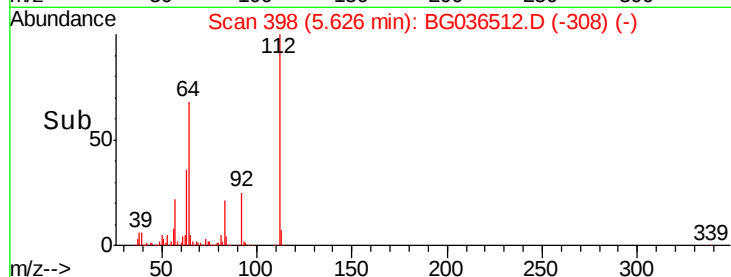
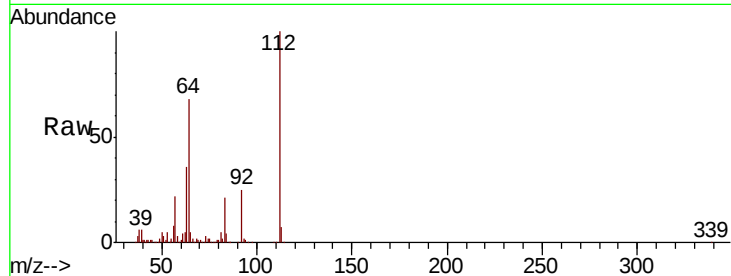
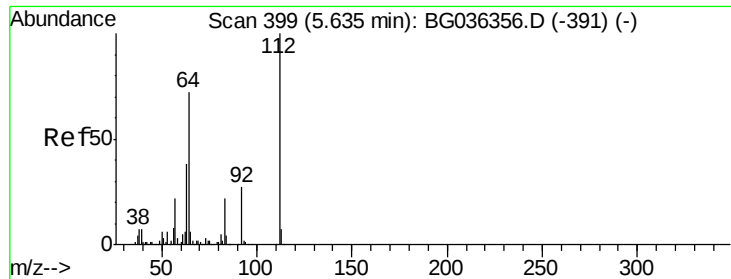
74 135.5 96.6 145.0

44 9.0 7.0 10.4



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

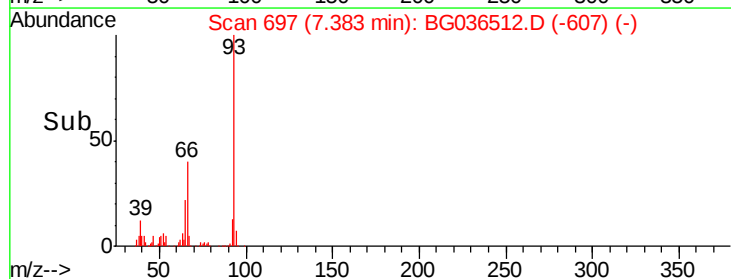
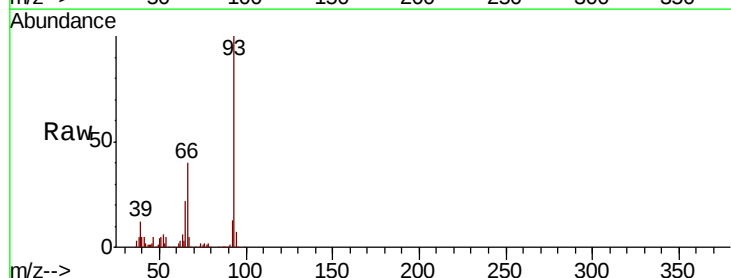
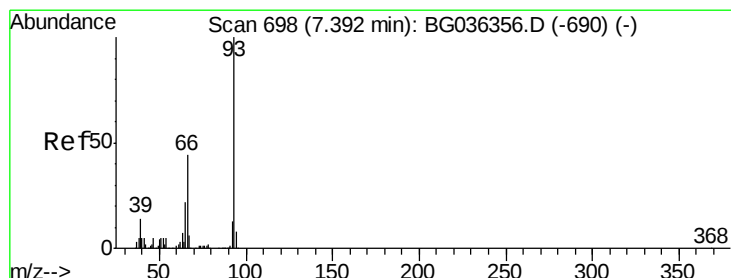
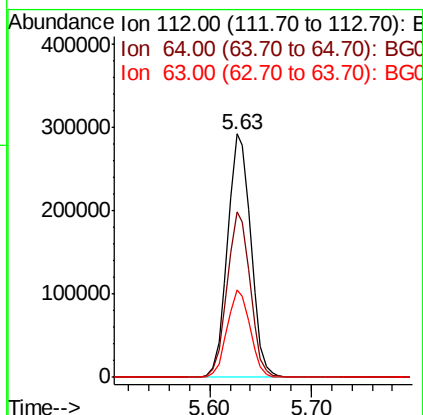




#5  
2-Fluorophenol  
Concen: 122.490 ng  
RT: 5.63 min Scan# 398  
Delta R.T. 0.00 min  
Lab File: BG036512.D  
Acq: 31 Aug 2018 19:08

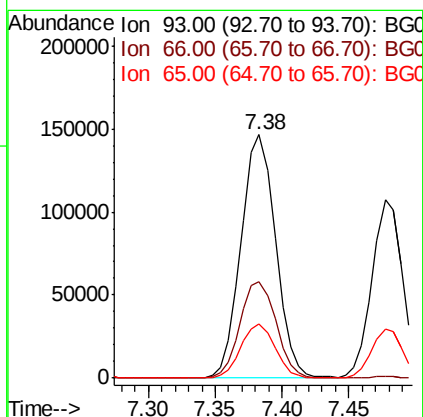
Instrument :  
BNA\_G  
ClientSampleId :

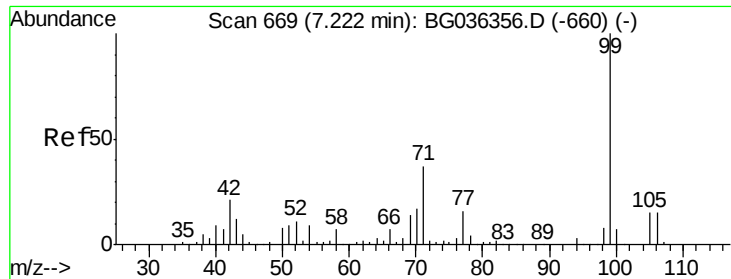
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 67.8  | 57.2  | 85.8  |
| 63      | 36.1  | 30.8  | 46.2  |



#6  
Aniline  
Concen: 38.197 ng  
RT: 7.38 min Scan# 697  
Delta R.T. 0.00 min  
Lab File: BG036512.D  
Acq: 31 Aug 2018 19:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 66      | 39.7  | 35.0  | 52.4  |
| 65      | 22.3  | 17.6  | 26.4  |





#7

Phenol-d6

Concen: 119.049 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG036512.D

Acq: 31 Aug 2018 19:08

Instrument :

BNA\_G

ClientSampled :

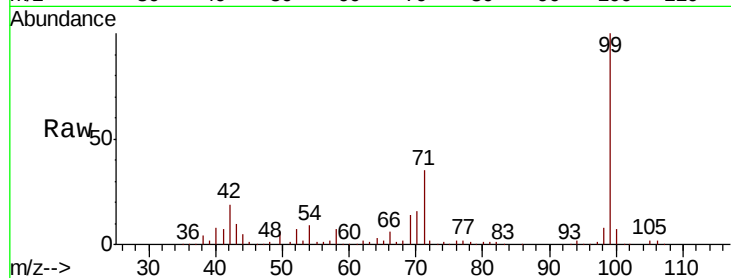
Tot Ion: 99 Resp: 647361

Ion Ratio Lower Upper

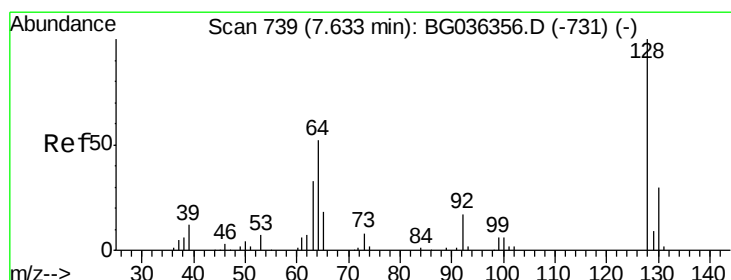
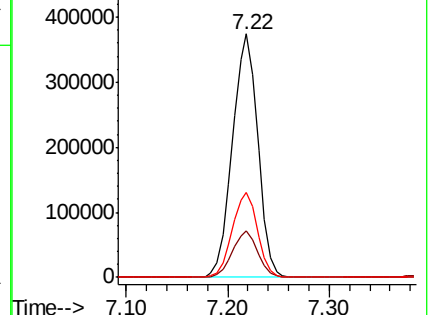
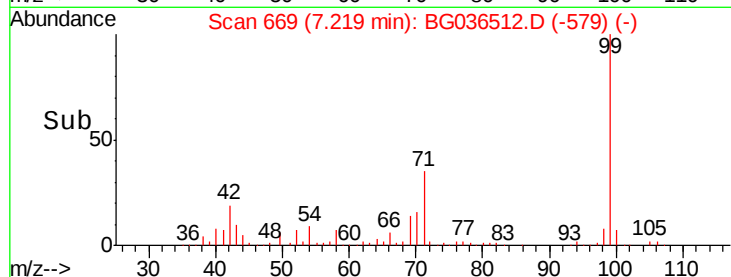
99 100

42 19.2 16.5 24.7

71 34.8 29.4 44.2



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: 42.595 ng

RT: 7.62 min Scan# 738

Delta R.T. 0.00 min

Lab File: BG036512.D

Acq: 31 Aug 2018 19:08

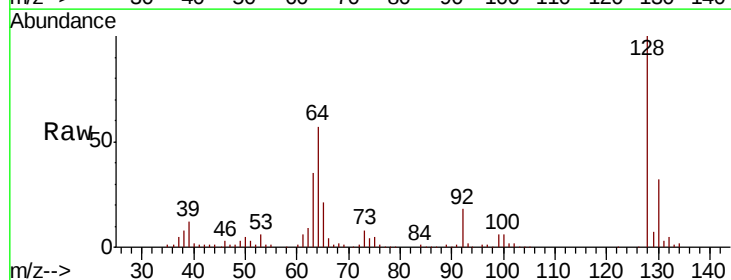
Tgt Ion: 128 Resp: 175436

Ion Ratio Lower Upper

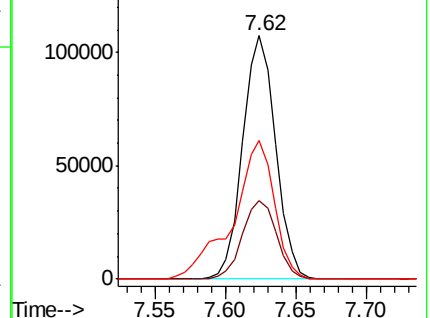
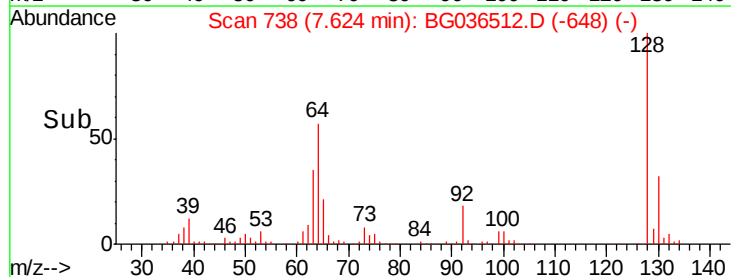
128 100

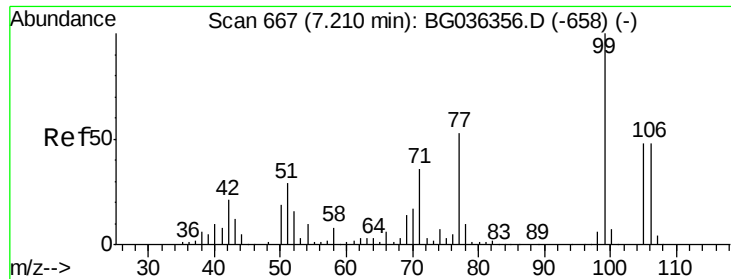
130 32.1 10.0 50.0

64 57.1 36.0 76.0



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





#9

Benzaldehyde

Concen: 25.769 ng

RT: 7.20 min Scan# 665

Delta R.T. 0.00 min

Lab File: BG036512.D

Acq: 31 Aug 2018 19:08

Instrument :

BNA\_G

ClientSampleId :

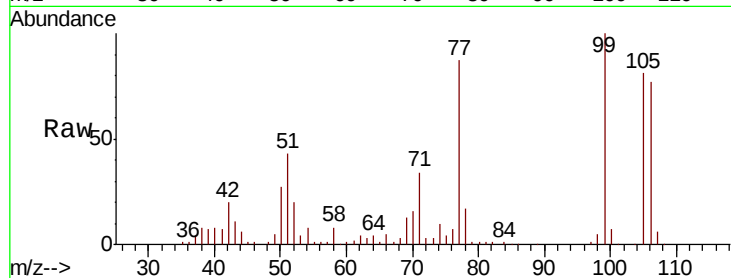
Tot Ion: 77 Resp: 96493

Ion Ratio Lower Upper

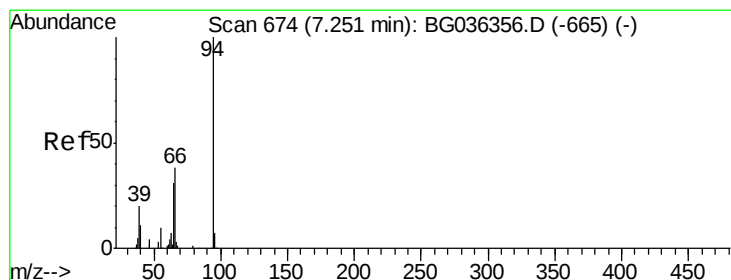
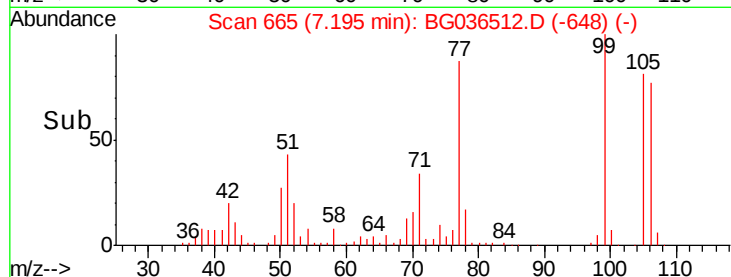
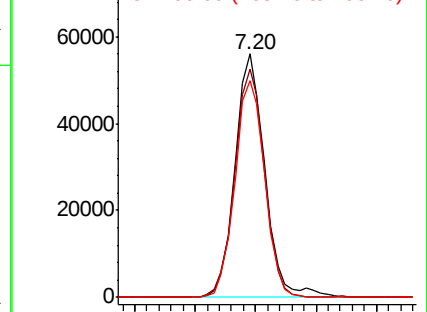
77 100

105 93.7 70.5 110.5

106 88.9 69.8 109.8



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: 43.237 ng

RT: 7.24 min Scan# 673

Delta R.T. 0.00 min

Lab File: BG036512.D

Acq: 31 Aug 2018 19:08

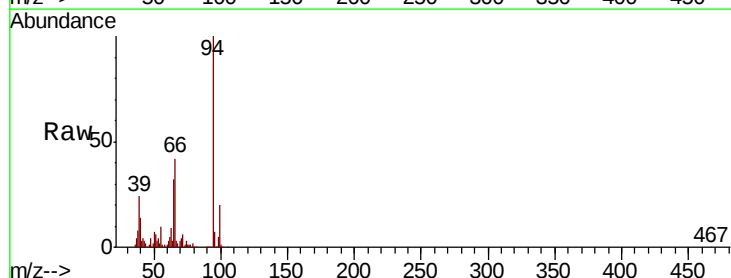
Tgt Ion: 94 Resp: 246039

Ion Ratio Lower Upper

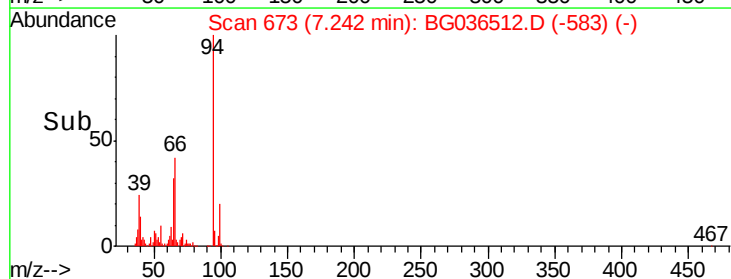
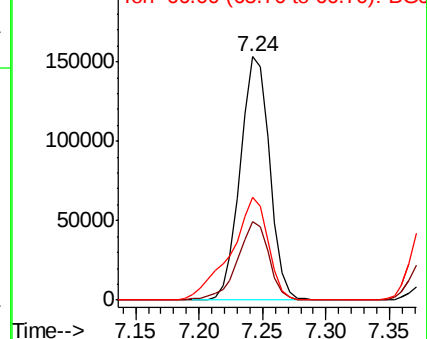
94 100

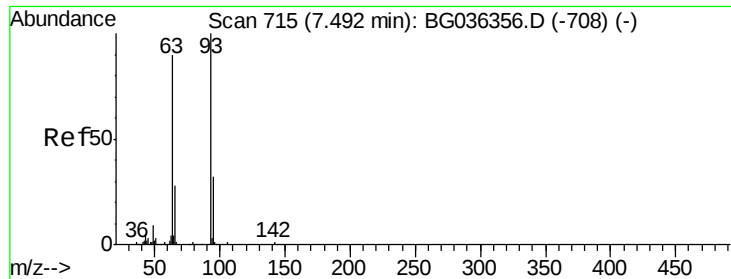
65 32.0 11.5 51.5

66 42.3 19.5 59.5



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

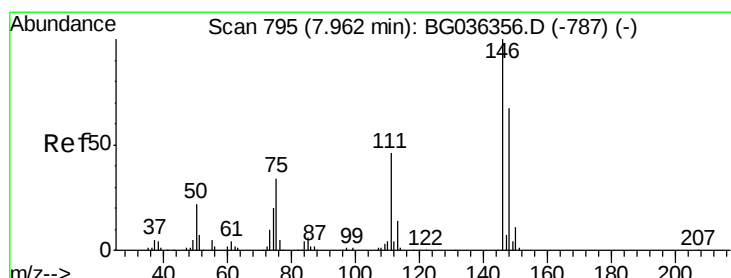
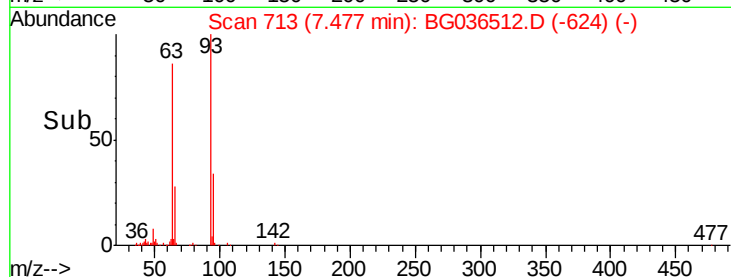
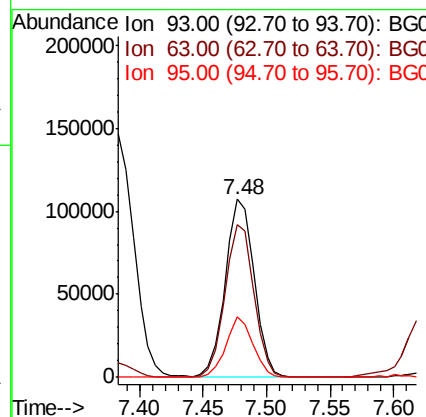
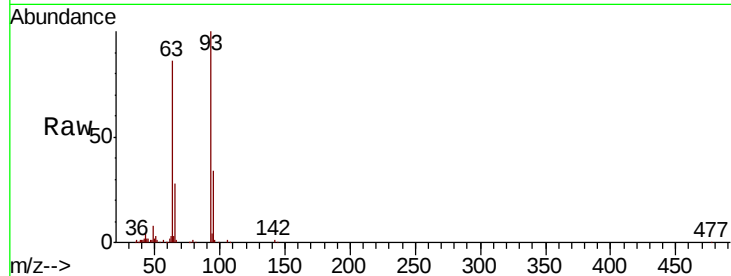




#11  
bis(2-Chloroethyl)ether  
Concen: 37.818 ng  
RT: 7.48 min Scan# 713  
Delta R.T. -0.00 min  
Lab File: BG036512.D  
Acq: 31 Aug 2018 19:08

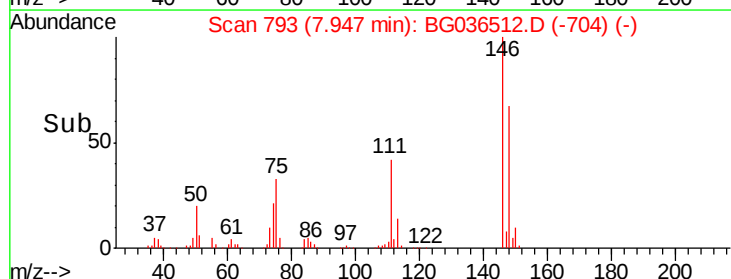
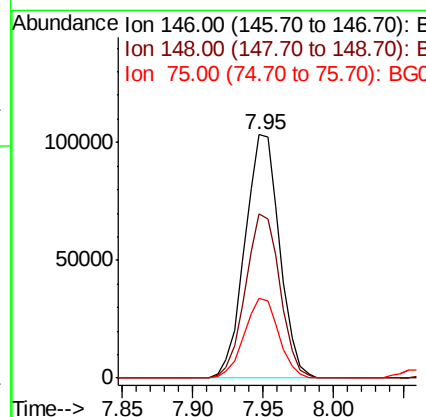
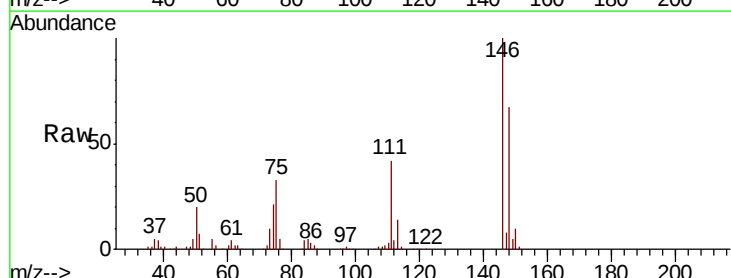
Instrument :  
BNA\_G  
ClientSampled :

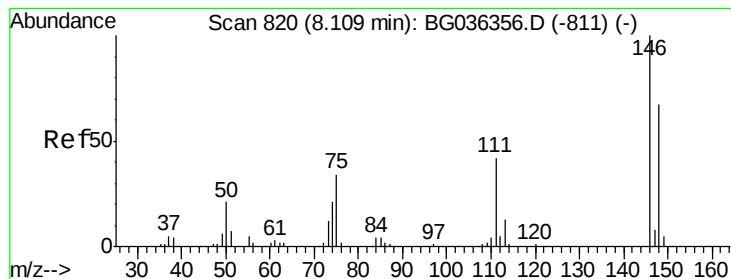
Tot Ion: 93 Resp: 170611  
Ion Ratio Lower Upper  
93 100  
63 86.1 69.9 109.9  
95 33.7 11.7 51.7



#12  
1,3-Dichlorobenzene  
Concen: 37.809 ng  
RT: 7.95 min Scan# 793  
Delta R.T. -0.00 min  
Lab File: BG036512.D  
Acq: 31 Aug 2018 19:08

Tgt Ion: 146 Resp: 177814  
Ion Ratio Lower Upper  
146 100  
148 67.3 53.8 80.6  
75 32.8 27.2 40.8





#13

1,4-Dichlorobenzene

Concen: 37.919 ng

RT: 8.09 min Scan# 818

Delta R.T. -0.00 min

Lab File: BG036512.D

Acq: 31 Aug 2018 19:08

Instrument :

BNA\_G

ClientSampled :

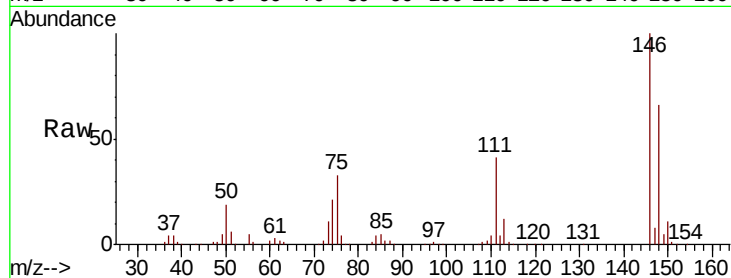
Tot Ion:146 Resp: 180049

Ion Ratio Lower Upper

146 100

148 66.0 53.9 80.9

111 40.8 33.8 50.6

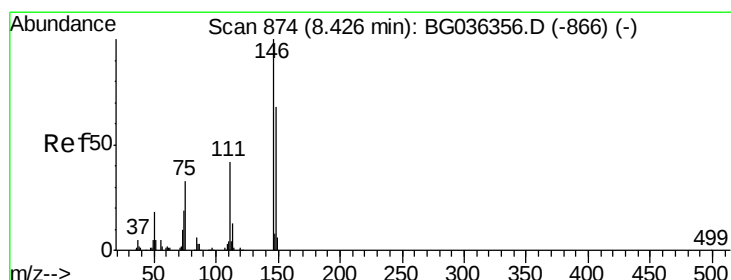
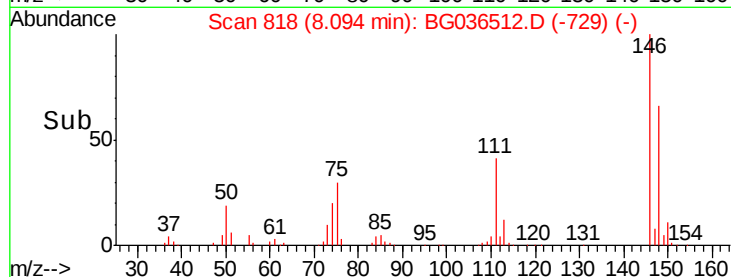
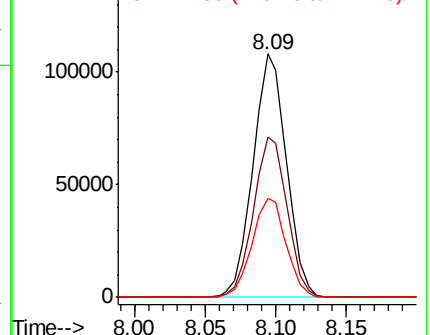


Abundance

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



#14

1,2-Dichlorobenzene

Concen: 38.208 ng

RT: 8.42 min Scan# 873

Delta R.T. 0.00 min

Lab File: BG036512.D

Acq: 31 Aug 2018 19:08

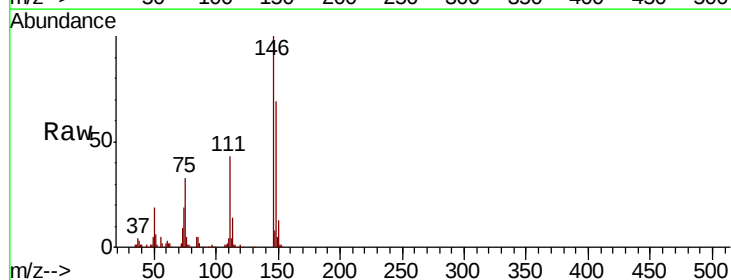
Tgt Ion:146 Resp: 173260

Ion Ratio Lower Upper

146 100

148 68.9 55.0 82.6

111 43.5 34.6 51.8

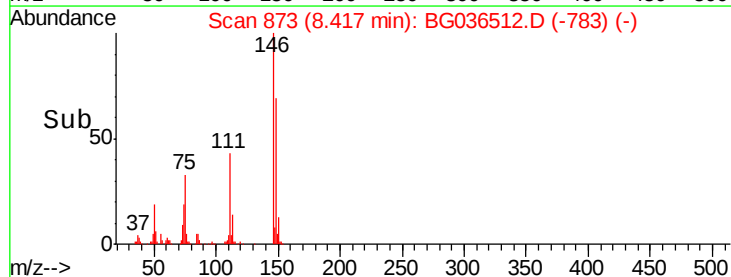
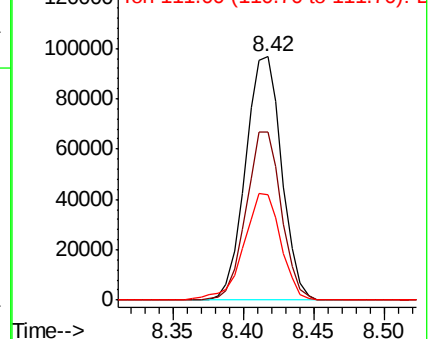


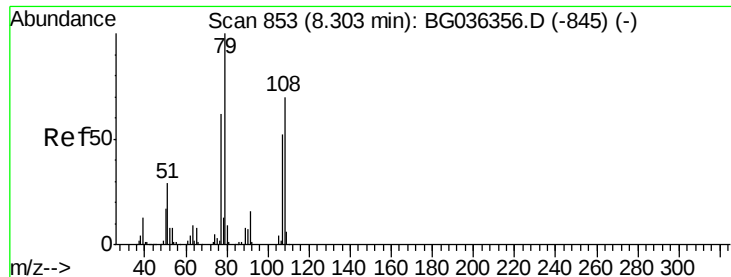
Abundance

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: 39.960 ng

RT: 8.29 min Scan# 852

Delta R.T. 0.00 min

Lab File: BG036512.D

Acq: 31 Aug 2018 19:08

Instrument :

BNA\_G

ClientSampled :

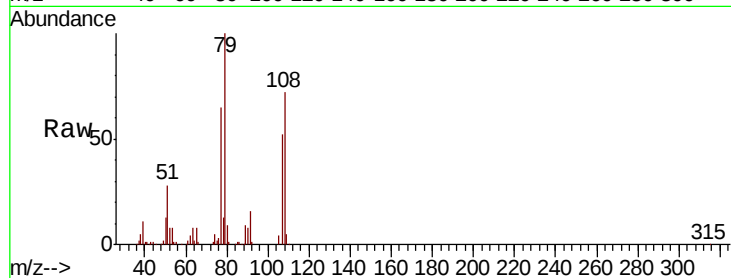
Tot Ion: 79 Resp: 175167

Ion Ratio Lower Upper

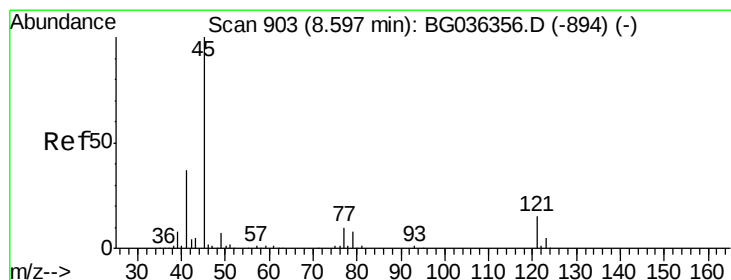
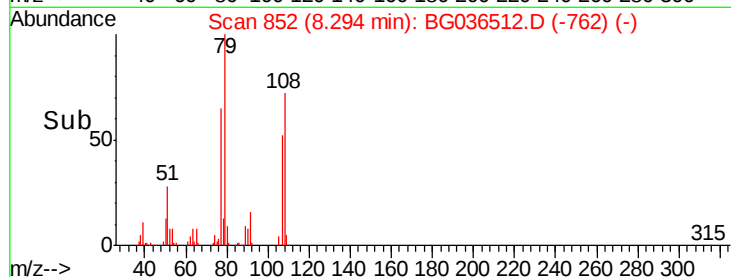
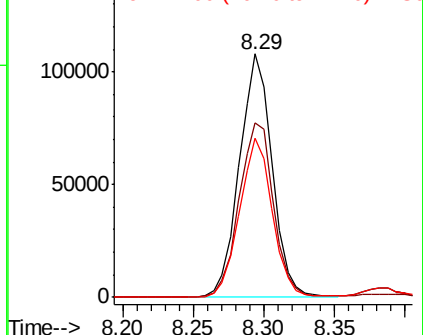
79 100

108 71.7 55.9 83.9

77 65.1 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BGC  
Ion 108.00 (107.70 to 108.70): BGC  
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.378 ng

RT: 8.59 min Scan# 902

Delta R.T. 0.00 min

Lab File: BG036512.D

Acq: 31 Aug 2018 19:08

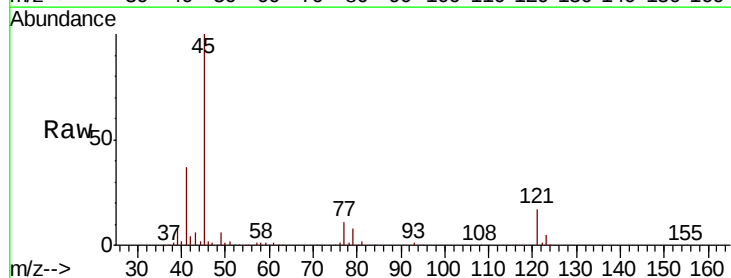
Tgt Ion: 45 Resp: 312773

Ion Ratio Lower Upper

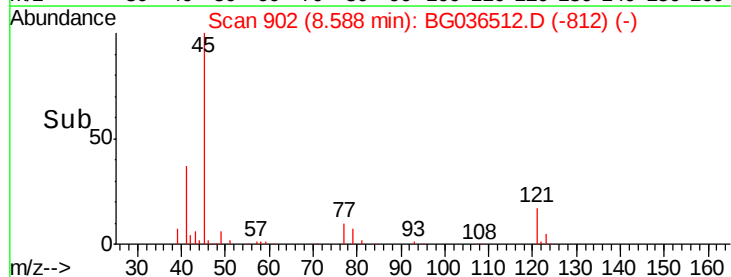
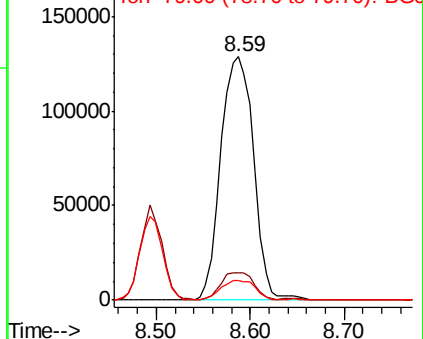
45 100

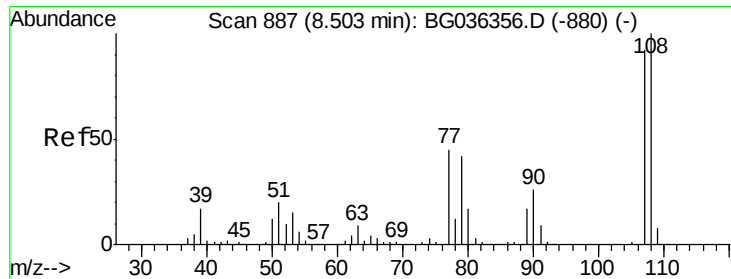
77 11.2 0.0 30.5

79 8.2 0.0 27.9



Abundance Ion 45.00 (44.70 to 45.70): BGC  
Ion 77.00 (76.70 to 77.70): BGC  
Ion 79.00 (78.70 to 79.70): BGC

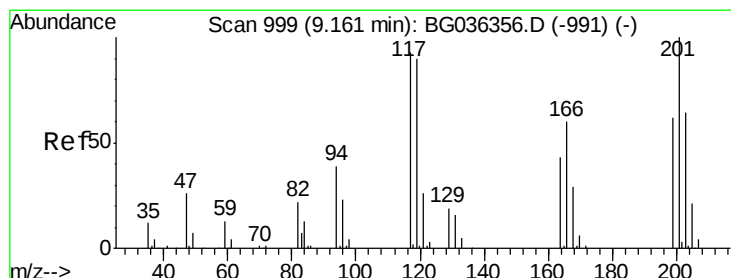
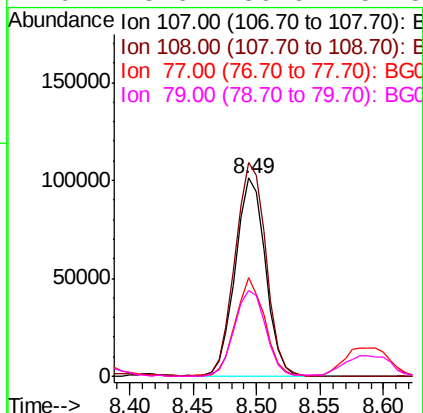
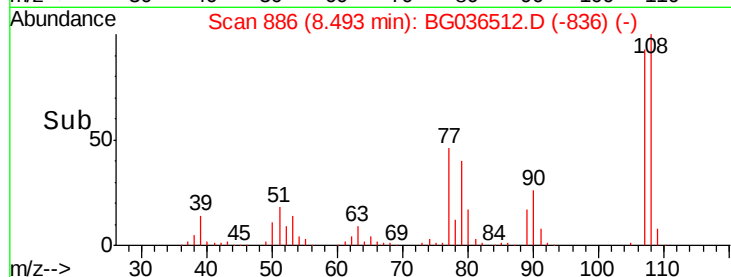
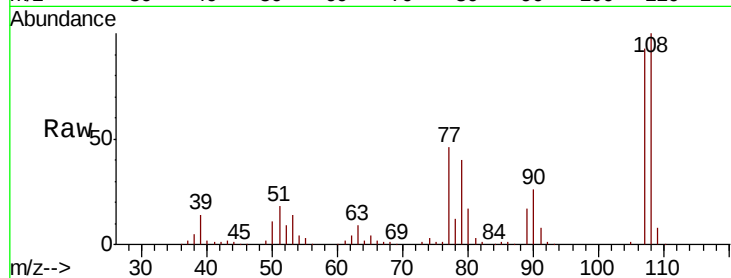




#17  
2-Methylphenol  
Concen: 44.272 ng  
RT: 8.49 min Scan# 886  
Delta R.T. -0.00 min  
Lab File: BG036512.D  
Acq: 31 Aug 2018 19:08

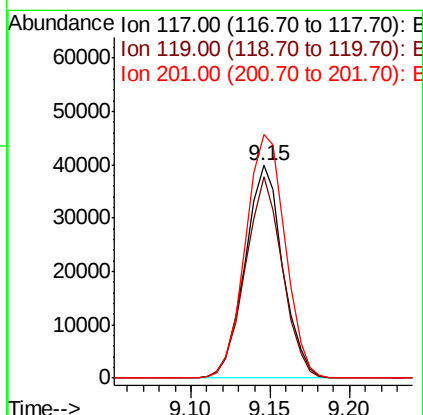
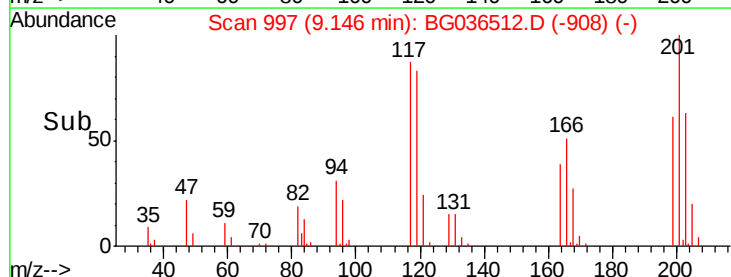
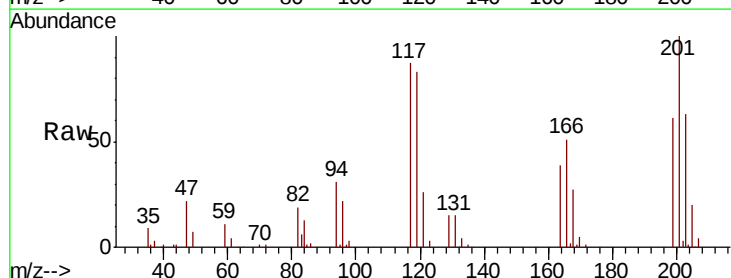
Instrument :  
BNA\_G  
ClientSampleId :

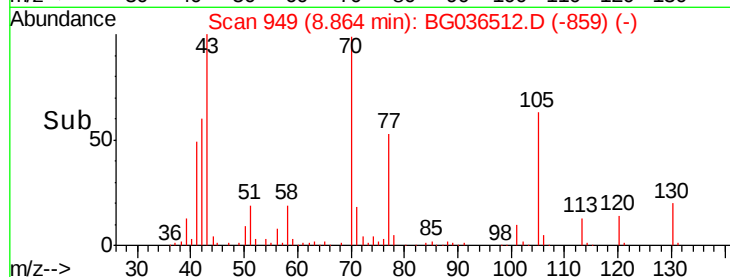
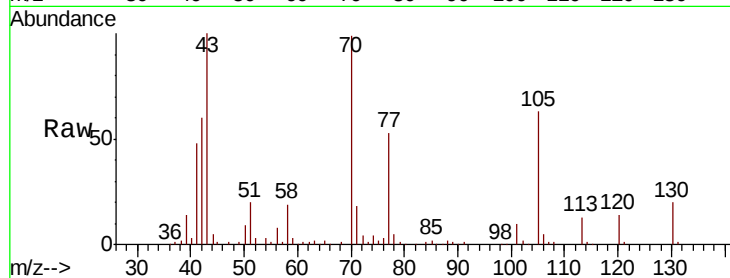
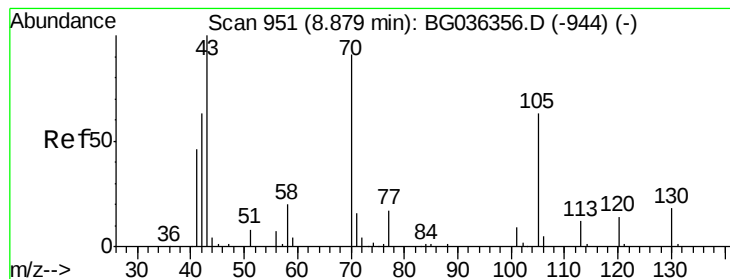
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 167282 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 107.9 | 86.7  | 130.1  |
| 77       | 49.8  | 39.0  | 58.4   |
| 79       | 43.6  | 36.6  | 54.8   |



#18  
Hexachloroethane  
Concen: 38.679 ng  
RT: 9.15 min Scan# 997  
Delta R.T. -0.00 min  
Lab File: BG036512.D  
Acq: 31 Aug 2018 19:08

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 65846 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 94.9  | 76.8  | 115.2 |
| 201      | 114.6 | 85.7  | 128.5 |





#19

n-Nitroso-di-n-propylamine

Concen: 35.707 ng

RT: 8.86 min Scan# 949

Delta R.T. 0.00 min

Lab File: BG036512.D

Acq: 31 Aug 2018 19:08

Instrument :

BNA\_G

ClientSampled :

Tot Ion: 70 Resp: 145114

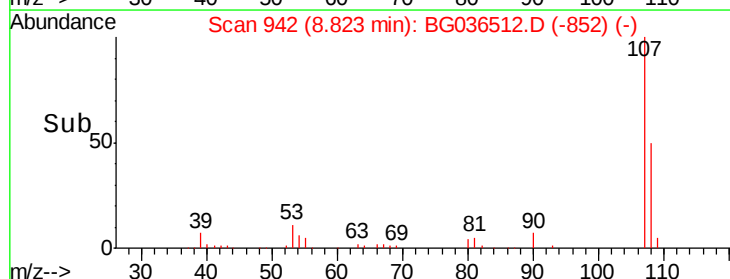
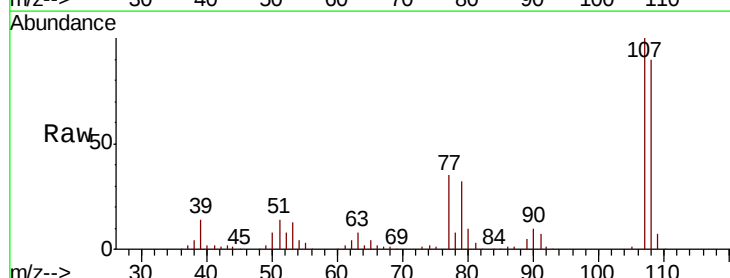
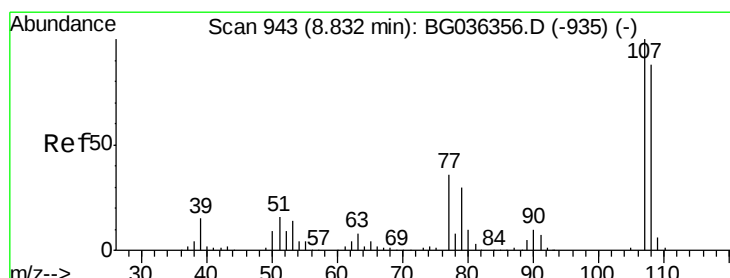
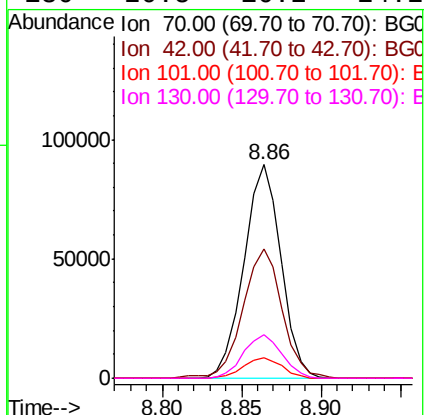
Ion Ratio Lower Upper

70 100

42 60.3 56.2 84.4

101 9.7 7.8 11.6

130 20.5 16.2 24.2



#20

3+4-Methylphenols

Concen: 43.661 ng

RT: 8.82 min Scan# 942

Delta R.T. 0.00 min

Lab File: BG036512.D

Acq: 31 Aug 2018 19:08

Tgt Ion:107 Resp: 230327

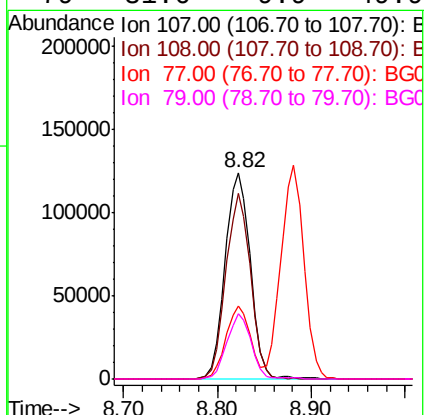
Ion Ratio Lower Upper

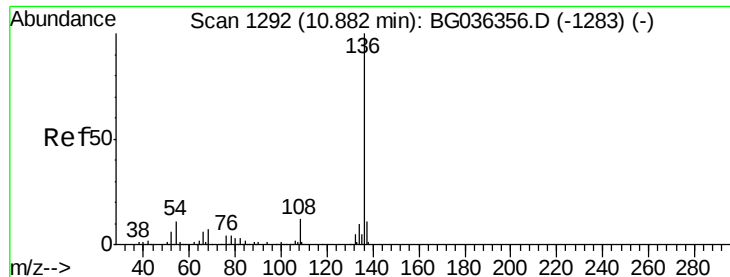
107 100

108 89.7 68.0 108.0

77 35.1 15.6 55.6

79 31.6 9.9 49.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1290

Delta R.T. 0.00 min

Lab File: BG036512.D

Acq: 31 Aug 2018 19:08

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:136 Resp: 253132

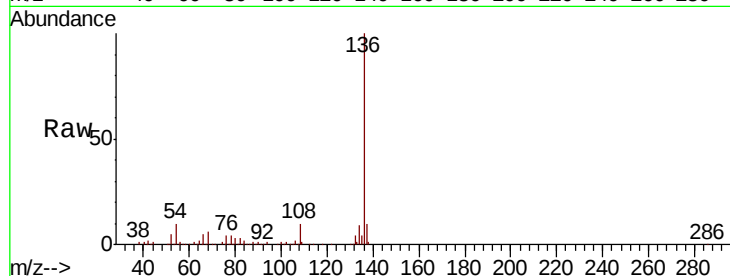
Ion Ratio Lower Upper

136 100

137 10.4 8.8 13.2

54 9.6 9.2 13.8

68 6.2 5.8 8.6

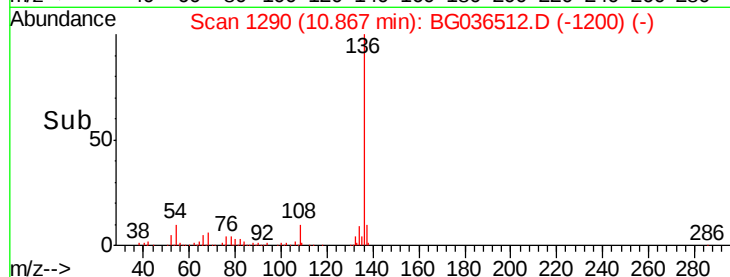


Abundance Ion 136.00 (135.70 to 136.70): E

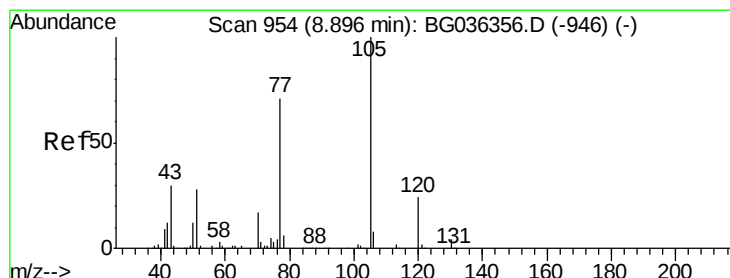
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->



#22

Acetophenone

Concen: 41.293 ng

RT: 8.88 min Scan# 952

Delta R.T. 0.00 min

Lab File: BG036512.D

Acq: 31 Aug 2018 19:08

Tgt Ion:105 Resp: 274477

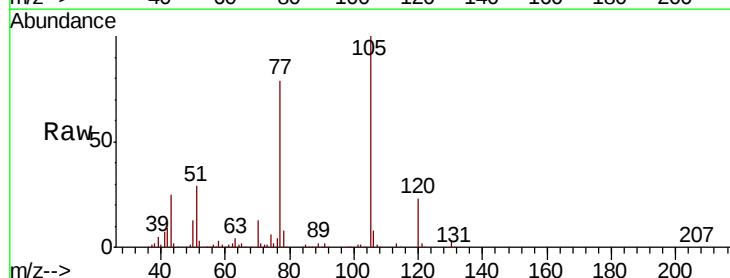
Ion Ratio Lower Upper

105 100

71 2.3 2.4 3.6#

51 28.8 25.9 38.9

120 23.1 19.4 29.0

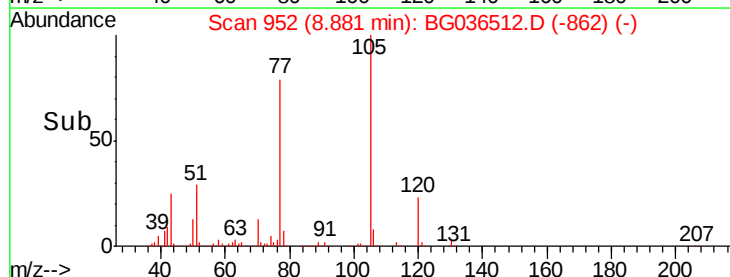


Abundance Ion 105.00 (104.70 to 105.70): E

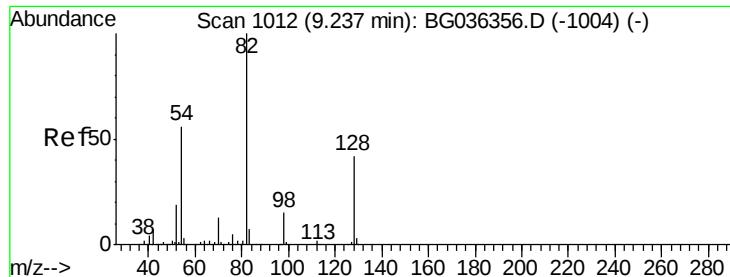
Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



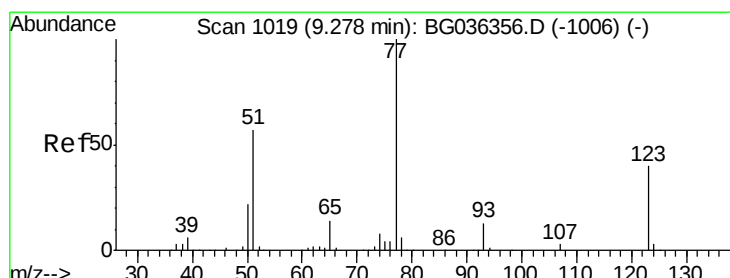
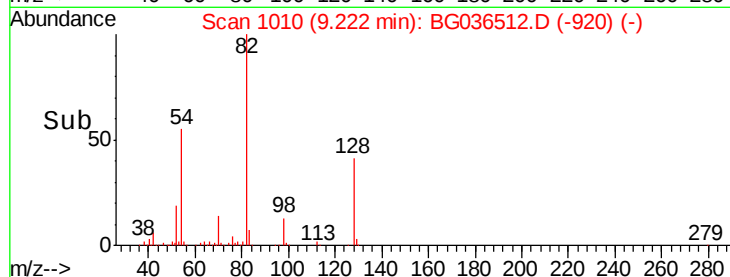
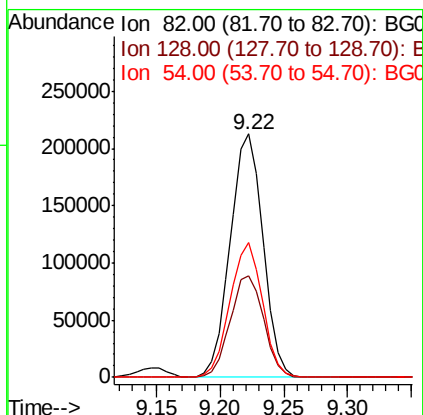
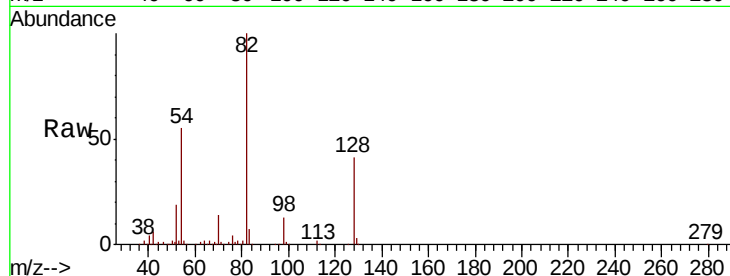
Time-->



#23  
 Nitrobenzene-d5  
 Concen: 81.488 ng  
 RT: 9.22 min Scan# 1010  
 Delta R.T. 0.00 min  
 Lab File: BG036512.D  
 Acq: 31 Aug 2018 19:08

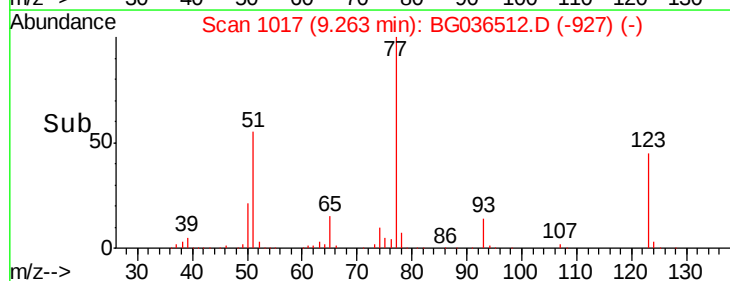
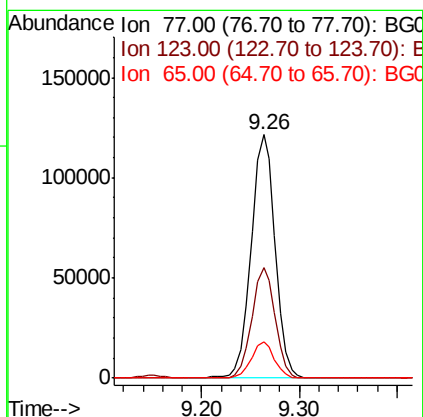
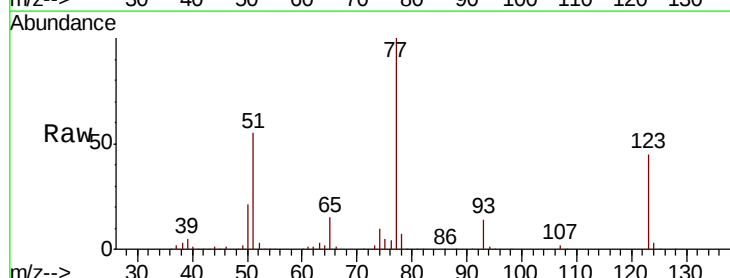
Instrument :  
 BNA\_G  
 ClientSampleId :

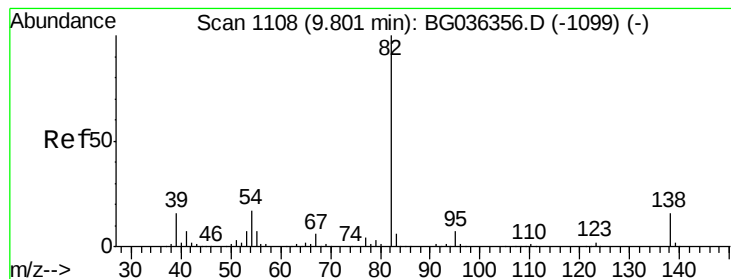
| Tot Ion   | 82    | Resp  | 380177 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 41.5  | 33.3  | 49.9   |
| 54        | 55.3  | 45.1  | 67.7   |



#24  
 Nitrobenzene  
 Concen: 41.772 ng  
 RT: 9.26 min Scan# 1017  
 Delta R.T. 0.00 min  
 Lab File: BG036512.D  
 Acq: 31 Aug 2018 19:08

| Tgt Ion   | 77    | Resp  | 210149 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 45.2  | 32.4  | 48.6   |
| 65        | 14.9  | 11.5  | 17.3   |





#25

Isophorone

Concen: 43.891 ng

RT: 9.79 min Scan# 1106

Delta R.T. 0.00 min

Lab File: BG036512.D

Acq: 31 Aug 2018 19:08

Instrument :

BNA\_G

ClientSampleId :

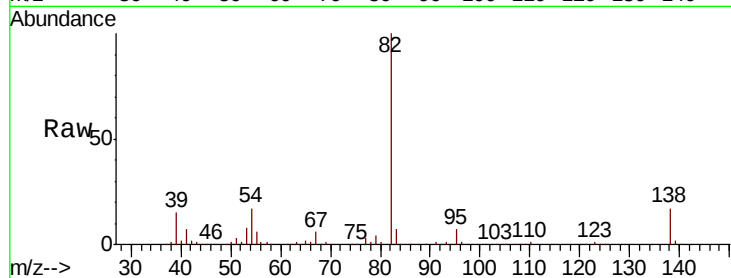
Tot Ion: 82 Resp: 406790

Ion Ratio Lower Upper

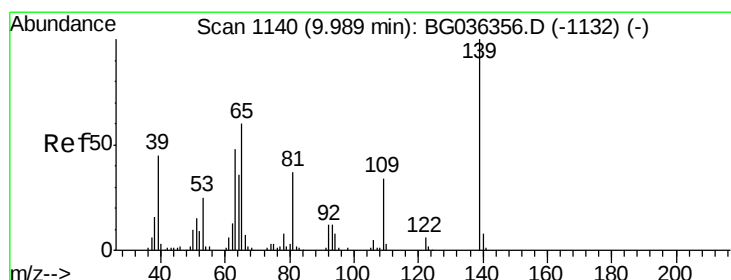
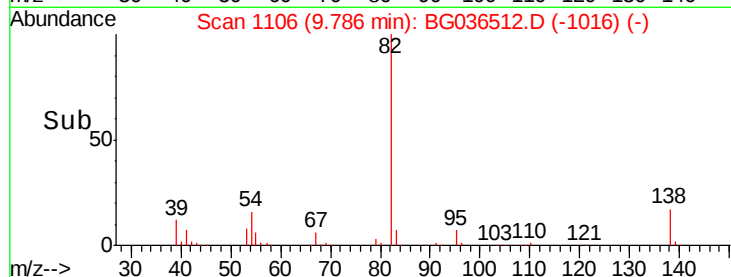
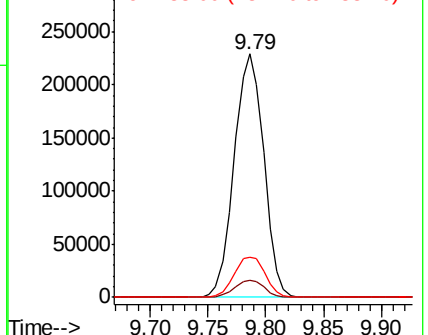
82 100

95 7.1 5.8 8.8

138 16.7 12.9 19.3



Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC  
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 47.944 ng

RT: 9.97 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BG036512.D

Acq: 31 Aug 2018 19:08

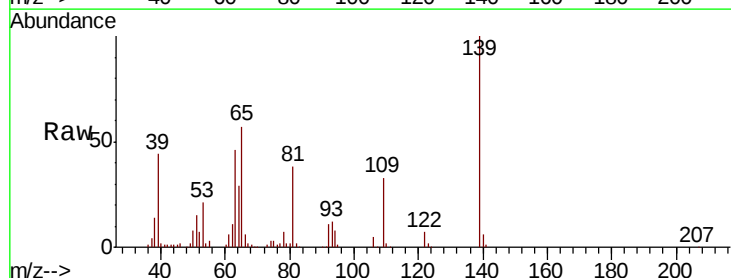
Tgt Ion: 139 Resp: 95580

Ion Ratio Lower Upper

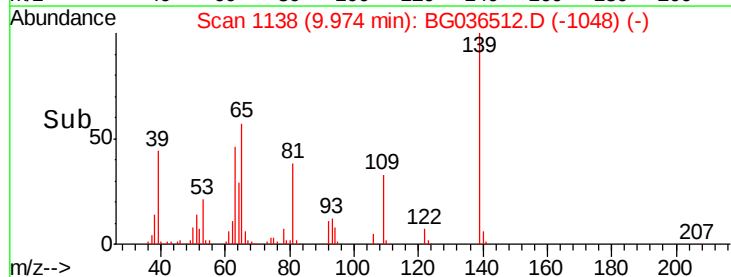
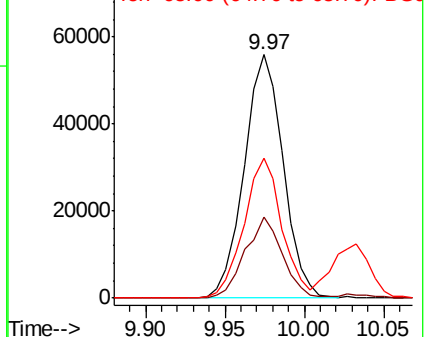
139 100

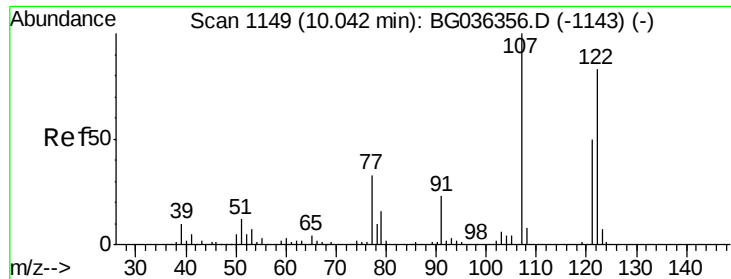
109 33.3 27.4 41.0

65 57.2 47.8 71.6



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

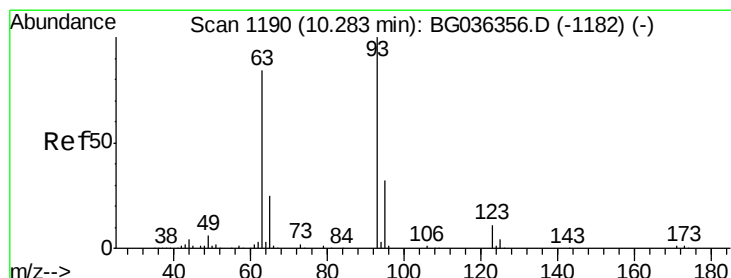
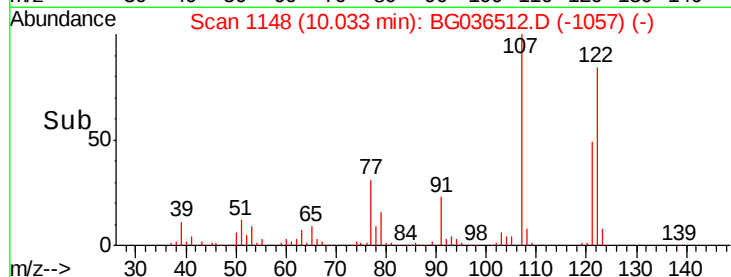
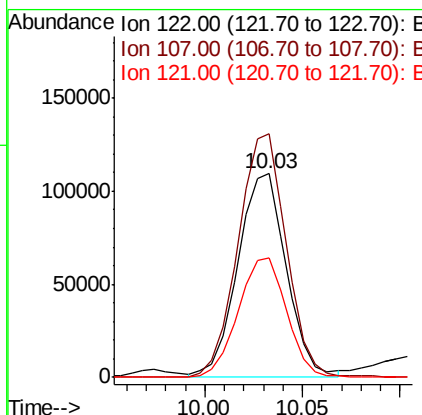
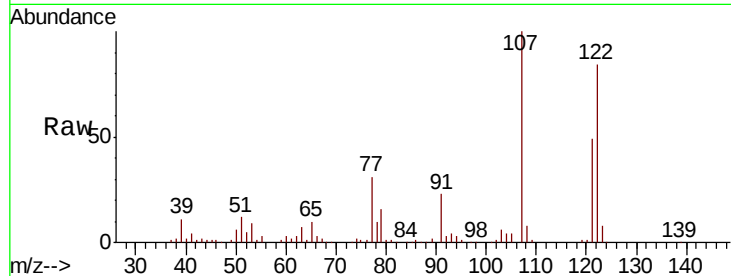




#27  
2,4-Dimethylphenol  
Concen: 50.880 ng  
RT: 10.03 min Scan# 1148  
Delta R.T. 0.01 min  
Lab File: BG036512.D  
Acq: 31 Aug 2018 19:08

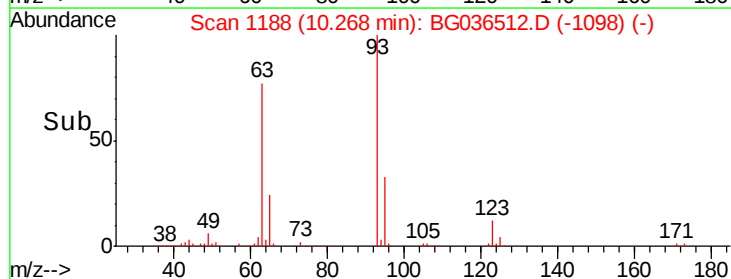
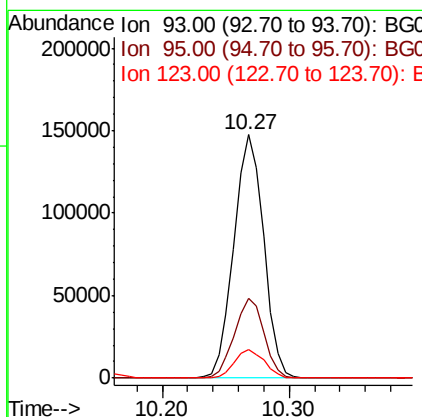
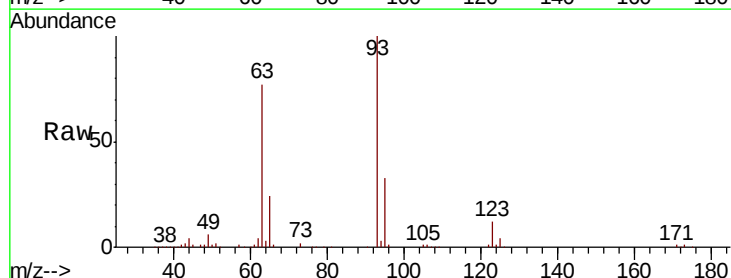
Instrument :  
BNA\_G  
ClientSampleId :

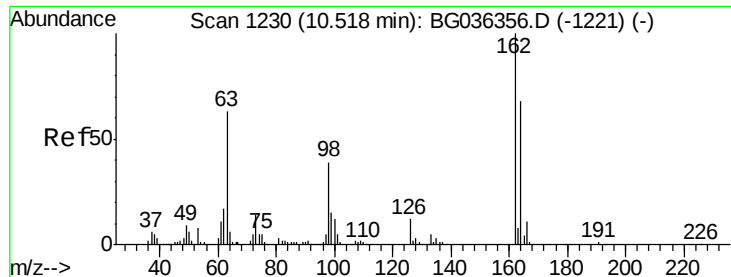
Tot Ion:122 Resp: 187791  
Ion Ratio Lower Upper  
122 100  
107 119.5 96.0 144.0  
121 58.4 48.2 72.4



#28  
bis(2-Chloroethoxy)methane  
Concen: 42.121 ng  
RT: 10.27 min Scan# 1188  
Delta R.T. 0.00 min  
Lab File: BG036512.D  
Acq: 31 Aug 2018 19:08

Tgt Ion: 93 Resp: 239587  
Ion Ratio Lower Upper  
93 100  
95 32.7 25.2 37.8  
123 11.6 8.6 12.8

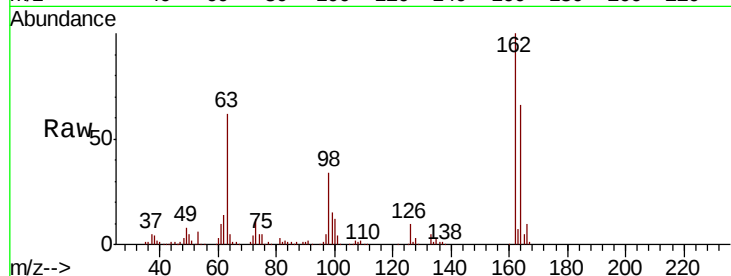




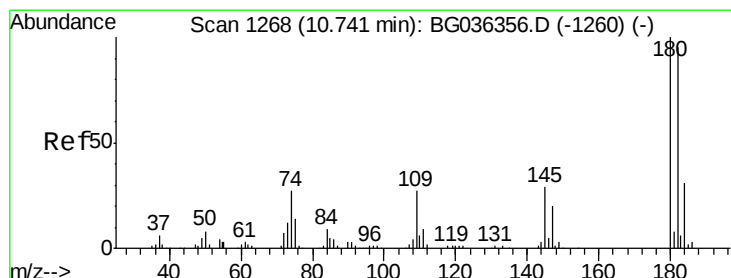
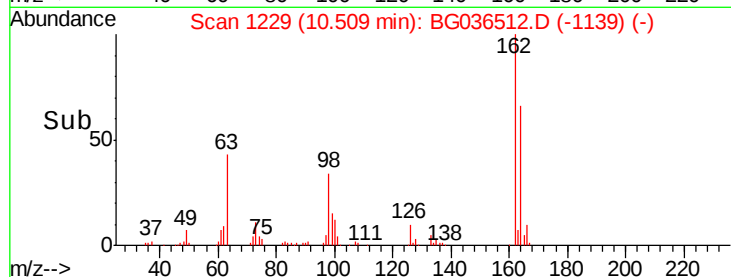
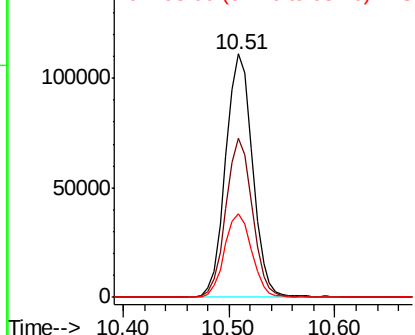
#29  
 2,4-Dichlorophenol  
 Concen: 48.590 ng  
 RT: 10.51 min Scan# 1229  
 Delta R.T. 0.00 min  
 Lab File: BG036512.D  
 Acq: 31 Aug 2018 19:08

Instrument :  
 BNA\_G  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.6  | 47.6  | 87.6  |
| 98      | 34.4  | 19.2  | 59.2  |

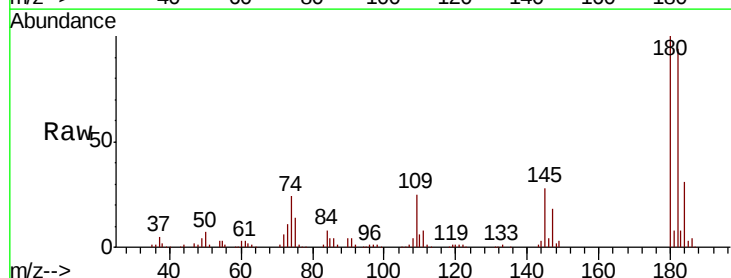


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BGC

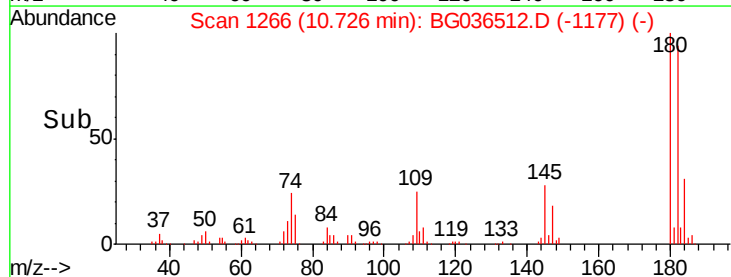
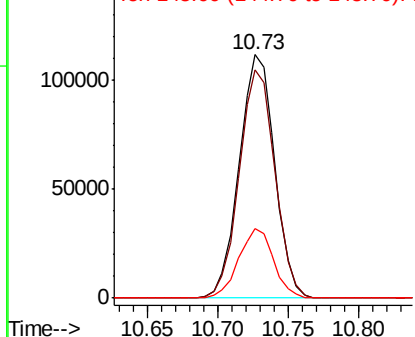


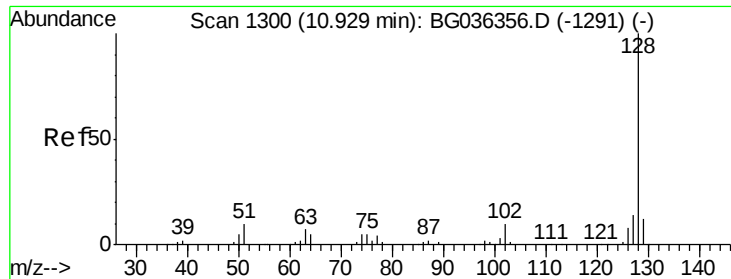
#30  
 1,2,4-Trichlorobenzene  
 Concen: 41.469 ng  
 RT: 10.73 min Scan# 1266  
 Delta R.T. -0.00 min  
 Lab File: BG036512.D  
 Acq: 31 Aug 2018 19:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.7  | 76.0  | 114.0 |
| 145     | 28.4  | 22.9  | 34.3  |



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

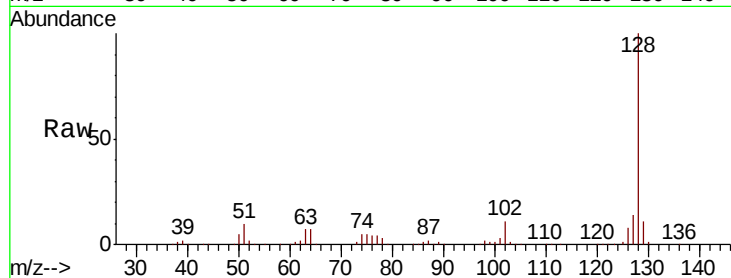




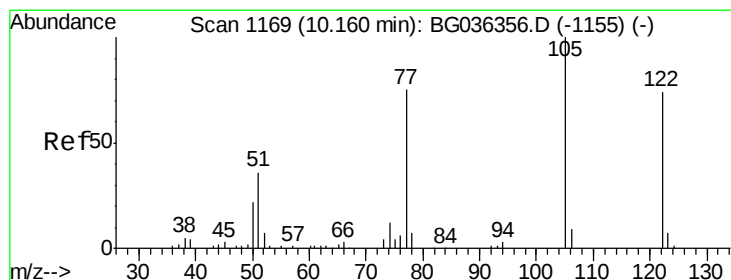
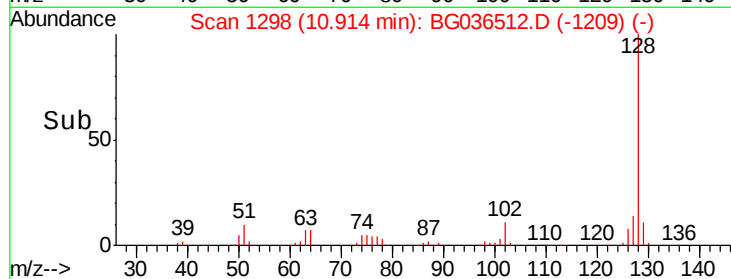
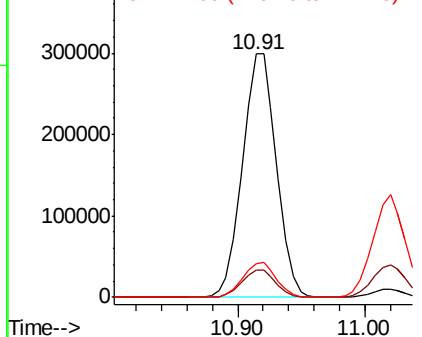
#31  
Naphthalene  
Concen: 43.741 ng  
RT: 10.91 min Scan# 1298  
Delta R.T. -0.00 min  
Lab File: BG036512.D  
Acq: 31 Aug 2018 19:08

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:128 Resp: 553485  
Ion Ratio Lower Upper  
128 100  
129 11.1 9.4 14.2  
127 13.7 11.0 16.4

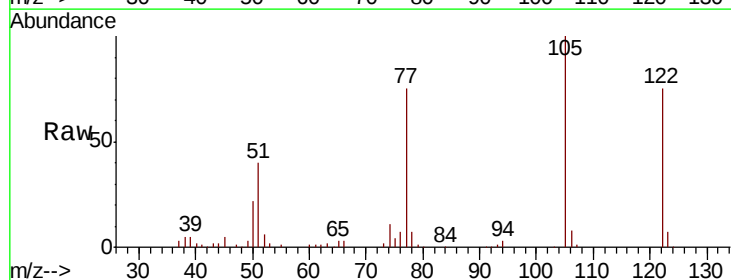


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

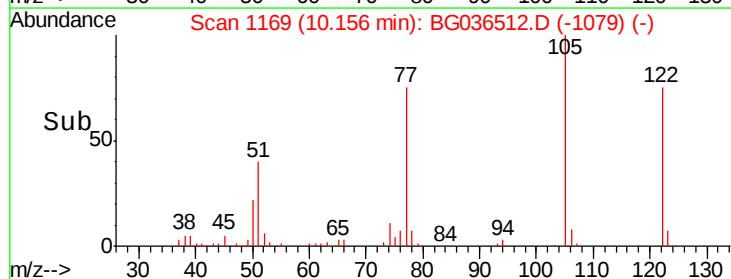
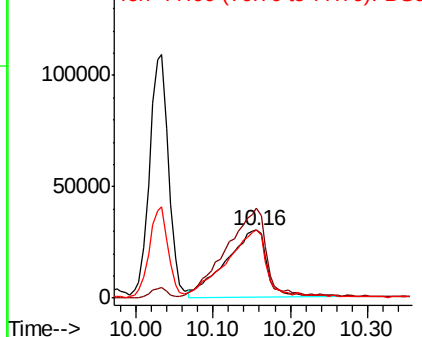


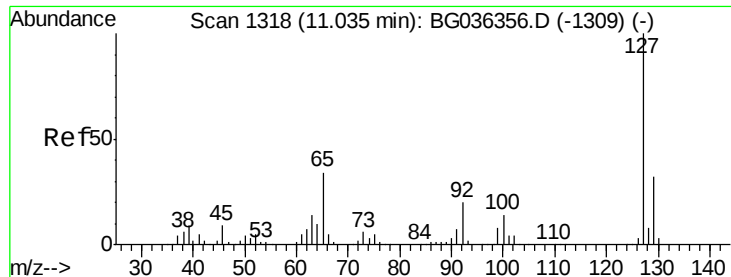
#32  
Benzoic acid  
Concen: 40.838 ng  
RT: 10.16 min Scan# 1169  
Delta R.T. 0.00 min  
Lab File: BG036512.D  
Acq: 31 Aug 2018 19:08

Tgt Ion:122 Resp: 109732  
Ion Ratio Lower Upper  
122 100  
105 132.8 108.1 148.1  
77 100.1 76.3 116.3



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BG

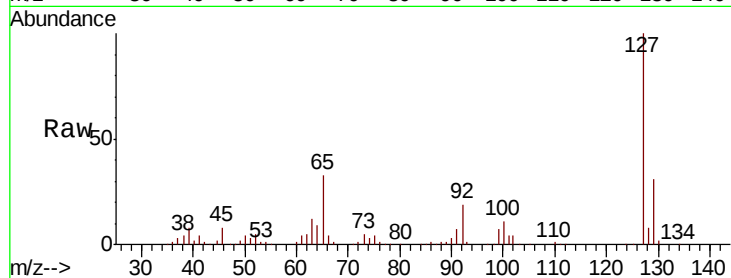




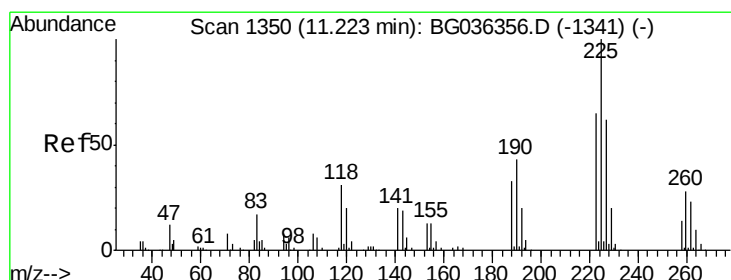
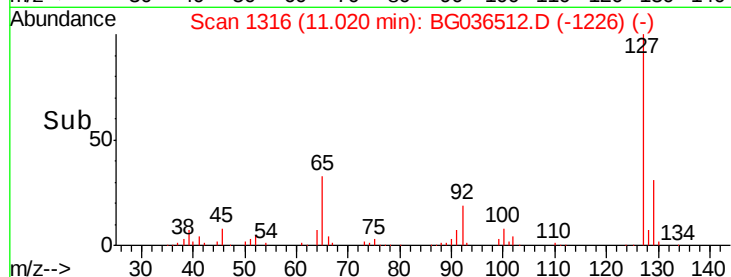
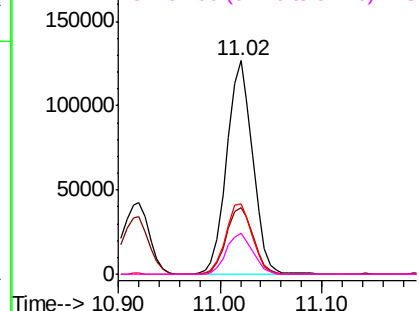
#33  
4-Chloroaniline  
Concen: 38.753 ng  
RT: 11.02 min Scan# 1316  
Delta R.T. 0.00 min  
Lab File: BG036512.D  
Acq: 31 Aug 2018 19:08

Instrument :  
BNA\_G  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 224710 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.4  | 25.9  | 38.9   |
| 65       | 32.9  | 27.5  | 41.3   |
| 92       | 19.3  | 16.2  | 24.2   |

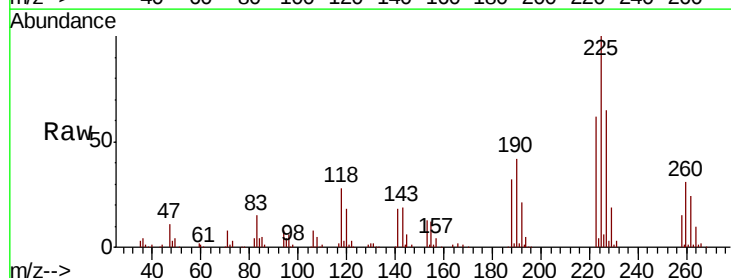


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC

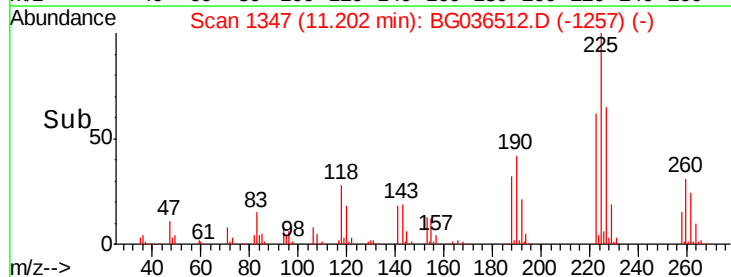
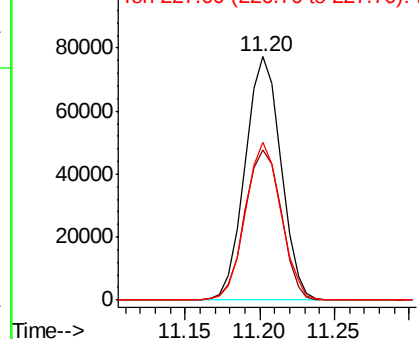


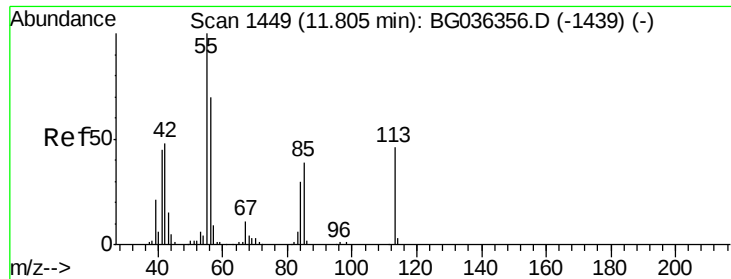
#34  
Hexachlorobutadiene  
Concen: 40.428 ng  
RT: 11.20 min Scan# 1347  
Delta R.T. 0.00 min  
Lab File: BG036512.D  
Acq: 31 Aug 2018 19:08

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 128535 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 61.7  | 51.8  | 77.8   |
| 227      | 64.9  | 49.8  | 74.6   |



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: 31.029 ng

RT: 11.79 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BG036512.D

Acq: 31 Aug 2018 19:08

Instrument :

BNA\_G

ClientSampleId :

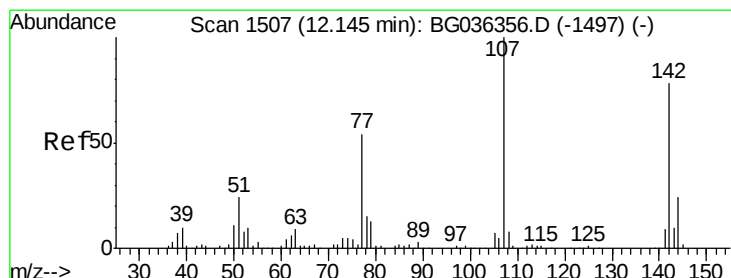
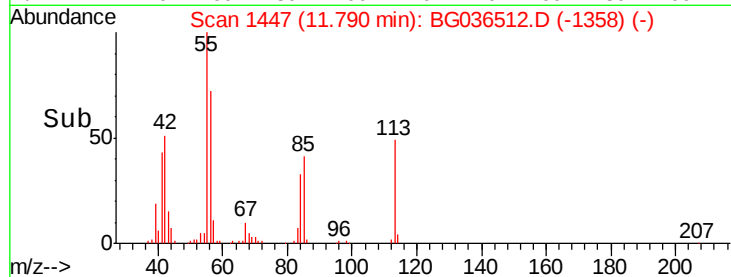
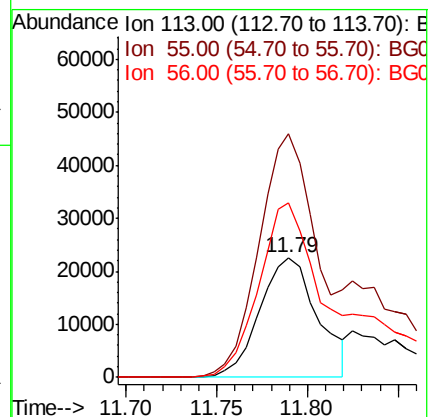
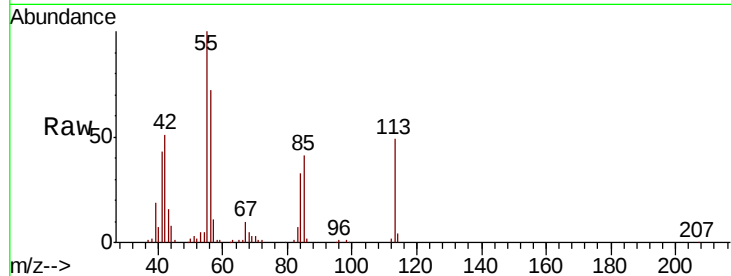
Tot Ion:113 Resp: 49999

Ion Ratio Lower Upper

113 100

55 203.0 197.7 237.7

56 145.5 131.7 171.7



#36

4-Chloro-3-methylphenol

Concen: 45.967 ng

RT: 12.13 min Scan# 1505

Delta R.T. -0.00 min

Lab File: BG036512.D

Acq: 31 Aug 2018 19:08

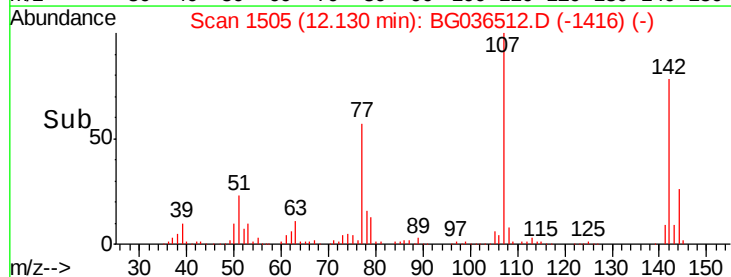
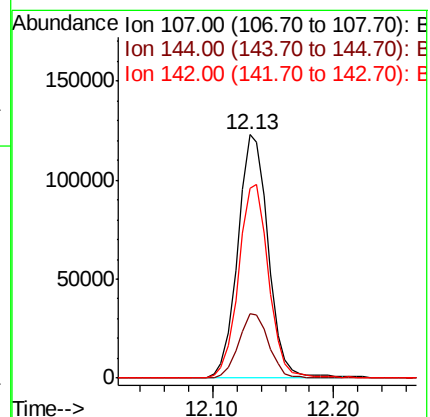
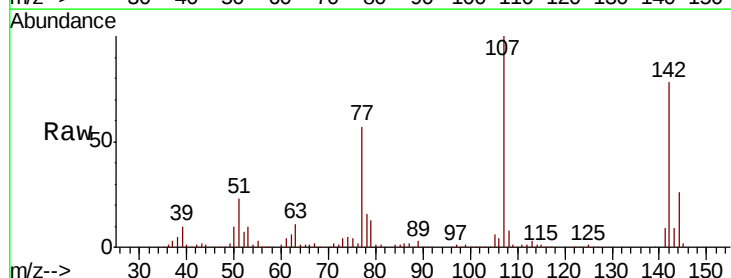
Tgt Ion:107 Resp: 216051

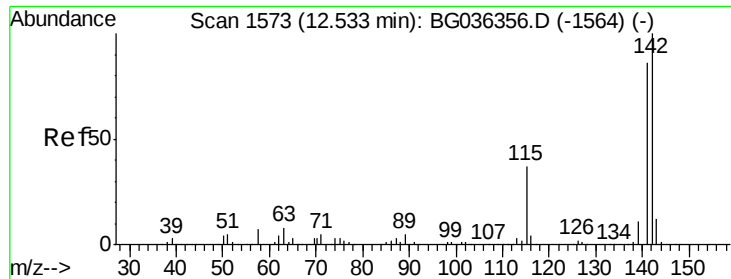
Ion Ratio Lower Upper

107 100

144 26.3 19.5 29.3

142 78.1 62.4 93.6

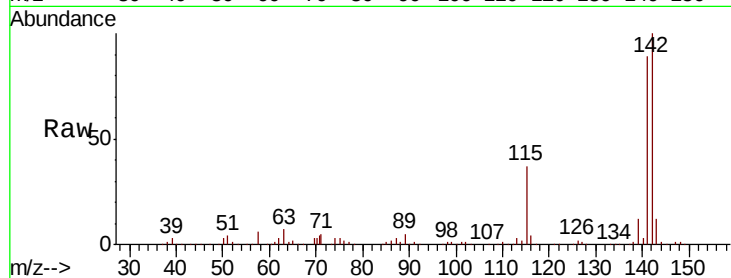




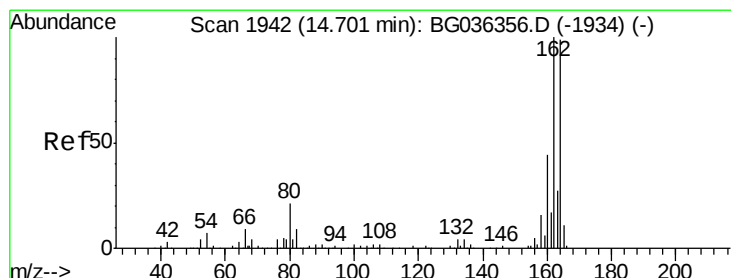
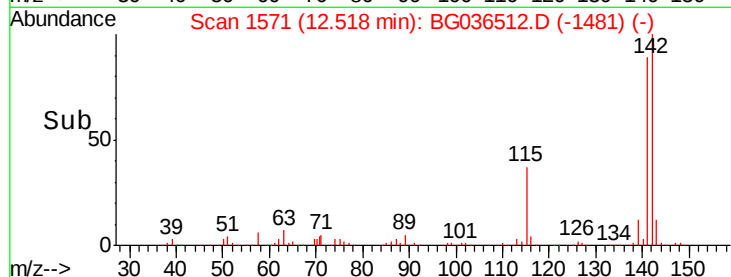
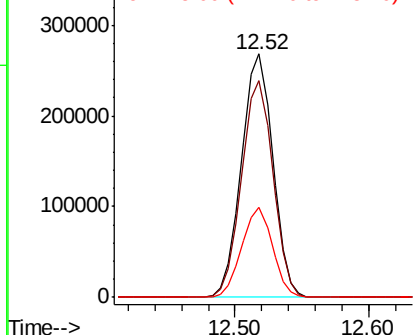
#37  
2-Methylnaphthalene  
Concen: 47.225 ng  
RT: 12.52 min Scan# 1571  
Delta R.T. 0.00 min  
Lab File: BG036512.D  
Acq: 31 Aug 2018 19:08

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.9  | 68.5  | 102.7 |
| 115     | 37.1  | 29.8  | 44.8  |

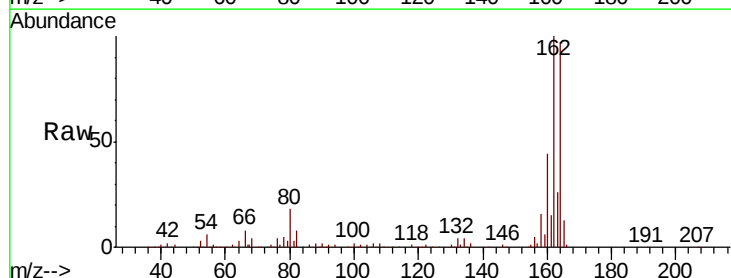


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

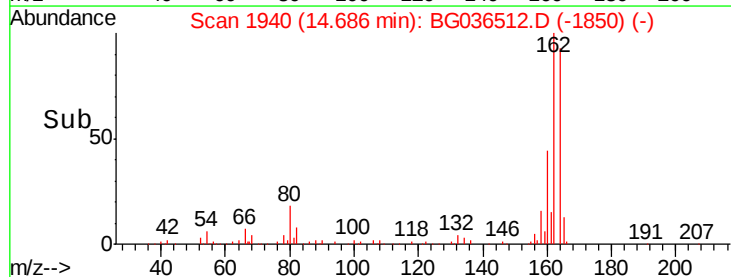
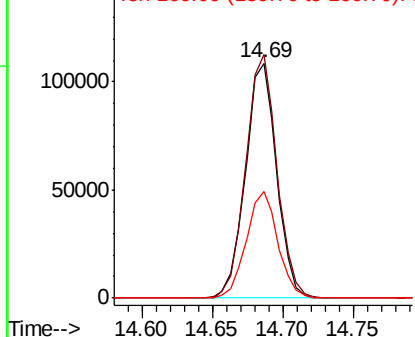


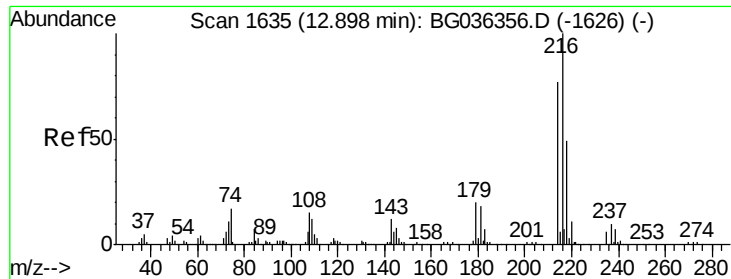
#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.69 min Scan# 1940  
Delta R.T. 0.00 min  
Lab File: BG036512.D  
Acq: 31 Aug 2018 19:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.5 | 80.7  | 121.1 |
| 160     | 45.2  | 35.3  | 52.9  |



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

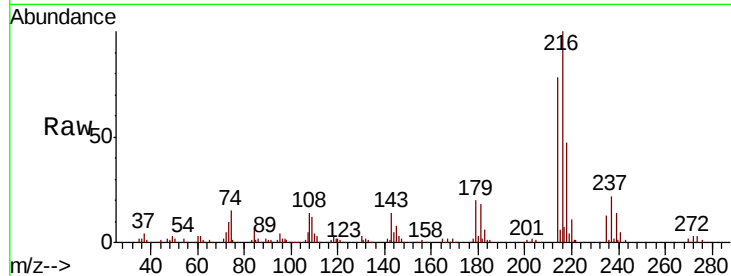




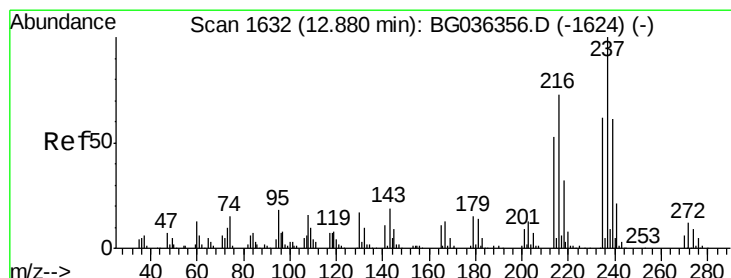
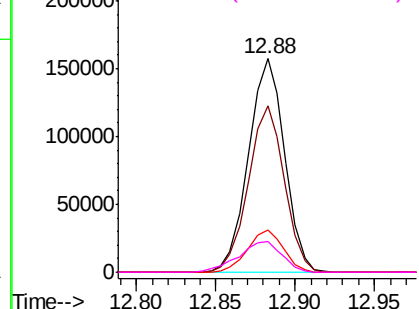
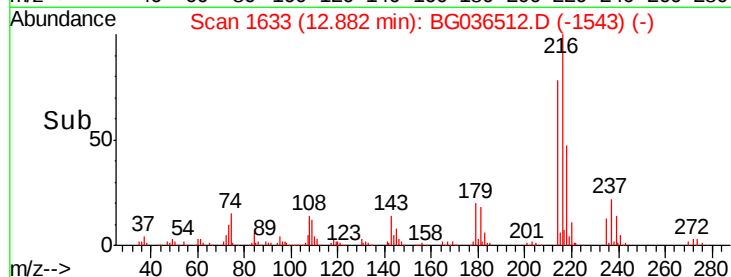
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 41.762 ng  
 RT: 12.88 min Scan# 1633  
 Delta R.T. 0.00 min  
 Lab File: BG036512.D  
 Acq: 31 Aug 2018 19:08

Instrument :  
 BNA\_G  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 216   | Resp: | 247972 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 78.0  | 61.0  | 91.6   |
| 179      | 19.7  | 15.7  | 23.5   |
| 108      | 17.2  | 13.1  | 19.7   |

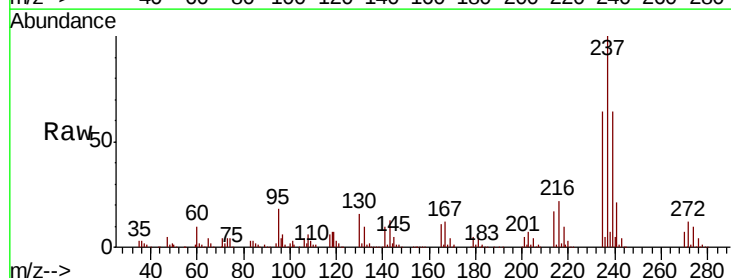


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

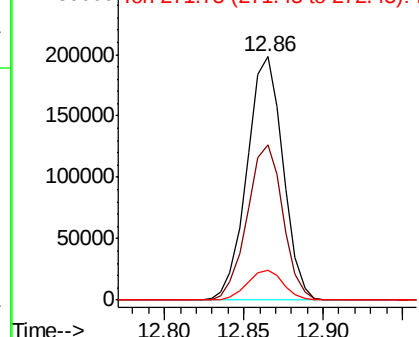
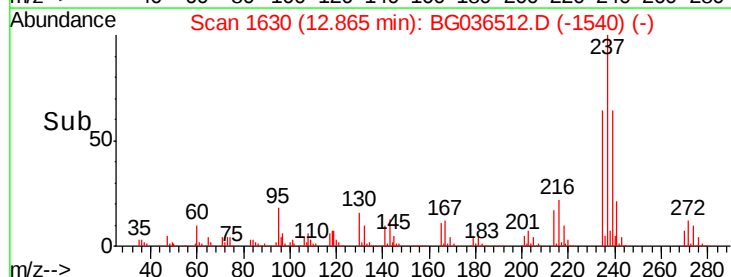


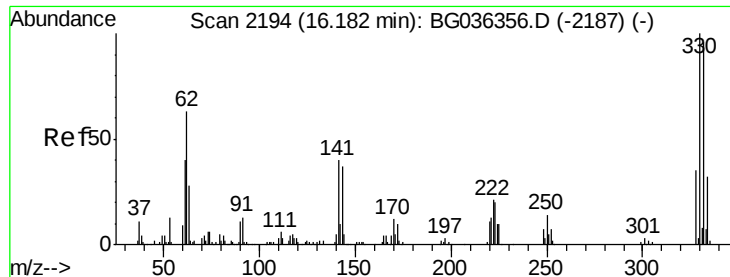
#40  
 Hexachlorocyclopentadiene  
 Concen: 100.963 ng  
 RT: 12.86 min Scan# 1630  
 Delta R.T. 0.00 min  
 Lab File: BG036512.D  
 Acq: 31 Aug 2018 19:08

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 311917 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 63.5  | 42.2  | 82.2   |
| 272      | 12.1  | 0.0   | 32.1   |



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

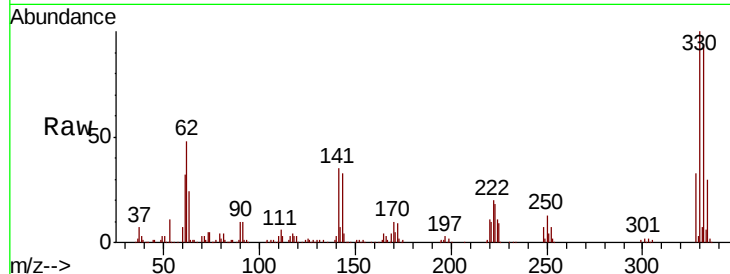




#41  
 2,4,6-Tribromophenol  
 Concen: 137.689 ng  
 RT: 16.17 min Scan# 2193  
 Delta R.T. 0.00 min  
 Lab File: BG036512.D  
 Acq: 31 Aug 2018 19:08

Instrument :  
 BNA\_G  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.0  | 75.4  | 113.2 |
| 141     | 36.0  | 30.7  | 46.1  |

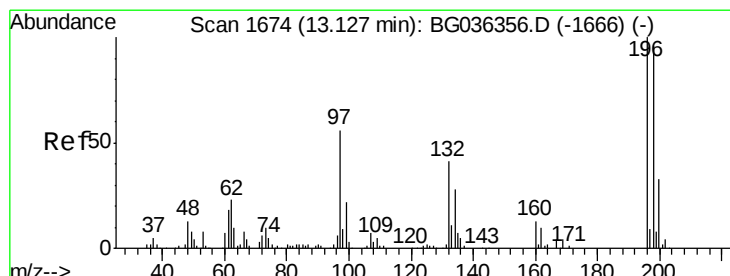
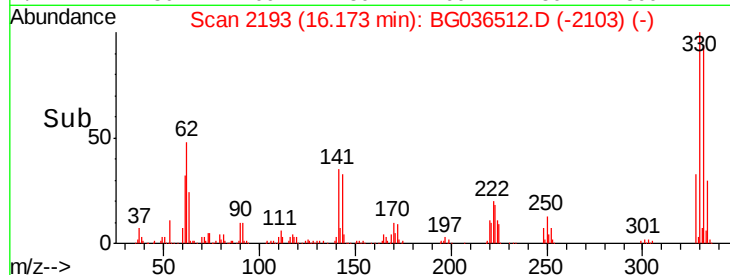
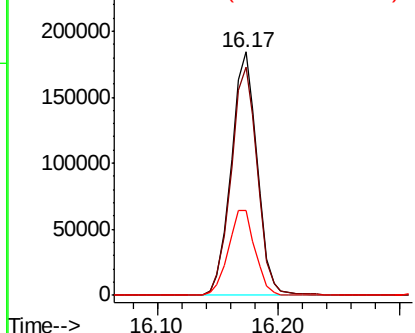


Abundance

Ion 329.80 (329.50 to 330.50): E

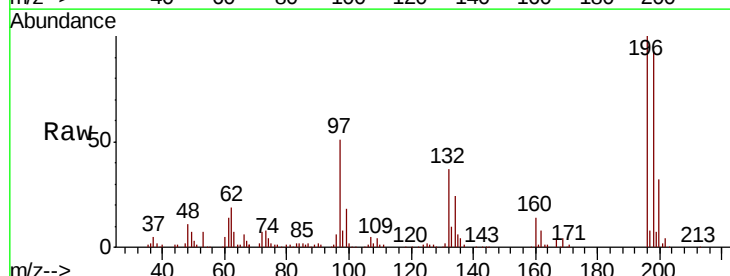
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42  
 2,4,6-Trichlorophenol  
 Concen: 46.600 ng  
 RT: 13.12 min Scan# 1673  
 Delta R.T. 0.00 min  
 Lab File: BG036512.D  
 Acq: 31 Aug 2018 19:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 93.5  | 77.2  | 115.8 |
| 200     | 32.3  | 26.3  | 39.5  |

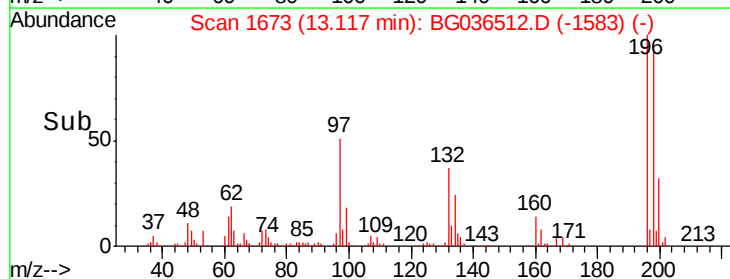
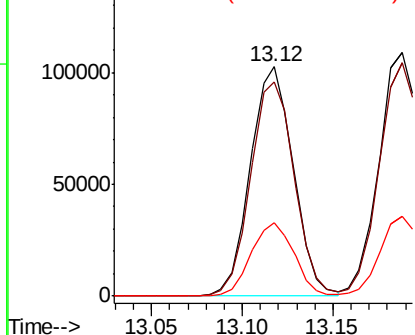


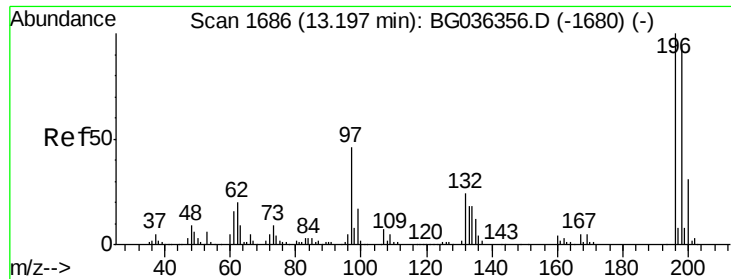
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

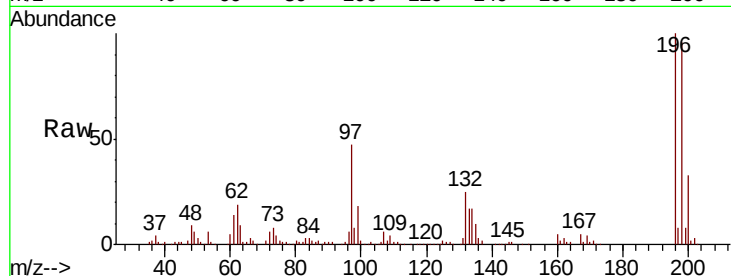




#43  
 2,4,5-Trichlorophenol  
 Concen: 47.571 ng  
 RT: 13.19 min Scan# 1685  
 Delta R.T. 0.00 min  
 Lab File: BG036512.D  
 Acq: 31 Aug 2018 19:08

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 96.1  | 75.6  | 113.4 |
| 97      | 46.6  | 37.2  | 55.8  |
| 132     | 24.9  | 19.4  | 29.2  |



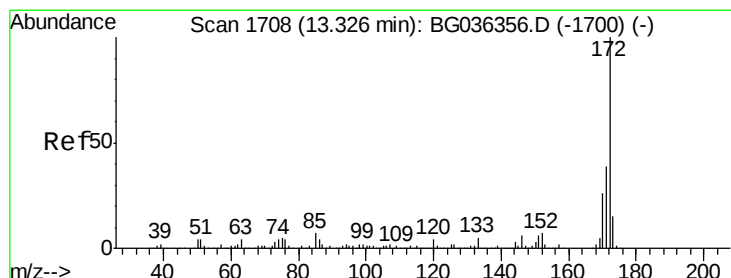
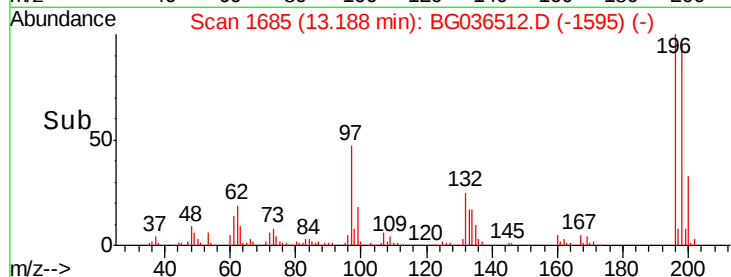
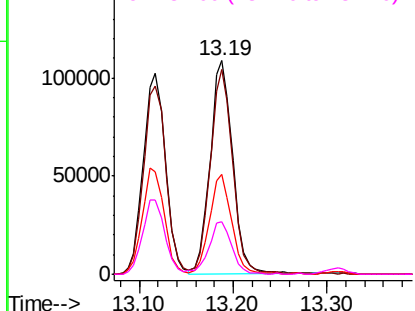
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

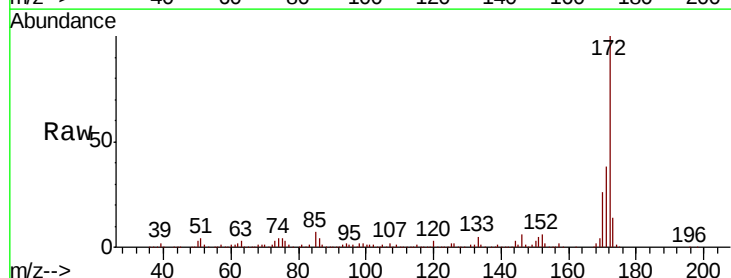
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 76.964 ng  
 RT: 13.31 min Scan# 1706  
 Delta R.T. 0.00 min  
 Lab File: BG036512.D  
 Acq: 31 Aug 2018 19:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 38.4  | 31.3  | 46.9  |
| 170     | 25.8  | 21.0  | 31.6  |

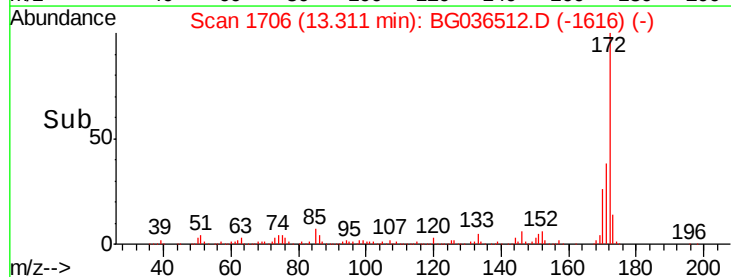
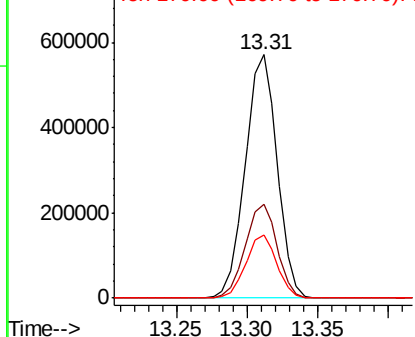


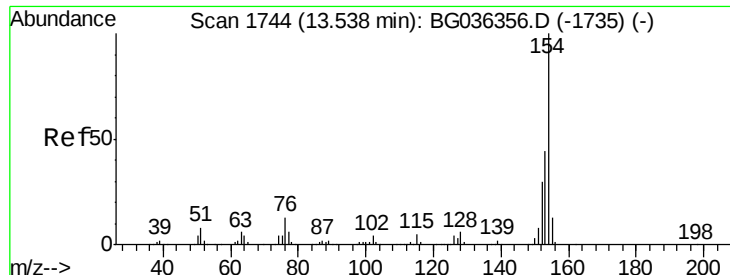
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 40.650 ng

RT: 13.52 min Scan# 1742

Delta R.T. 0.00 min

Lab File: BG036512.D

Acq: 31 Aug 2018 19:08

Instrument :

BNA\_G

ClientSampleId :

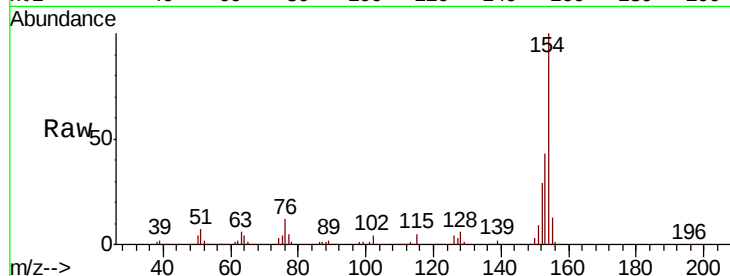
Tot Ion:154 Resp: 566153

Ion Ratio Lower Upper

154 100

153 42.9 24.0 64.0

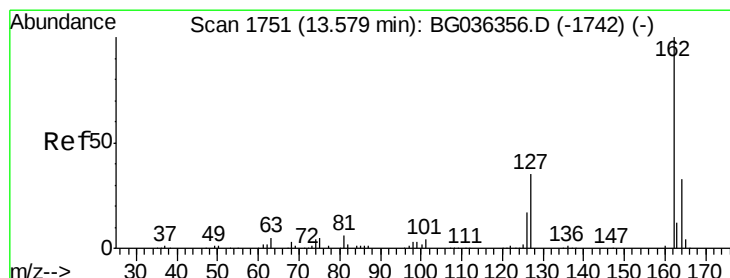
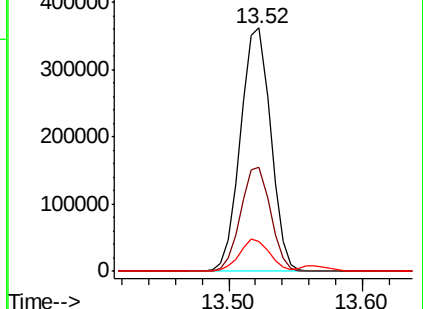
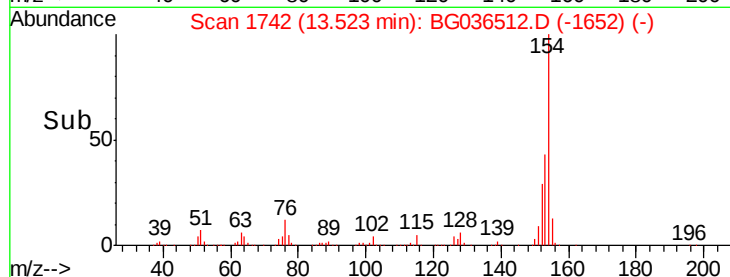
76 12.4 0.0 32.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 41.158 ng

RT: 13.56 min Scan# 1749

Delta R.T. 0.00 min

Lab File: BG036512.D

Acq: 31 Aug 2018 19:08

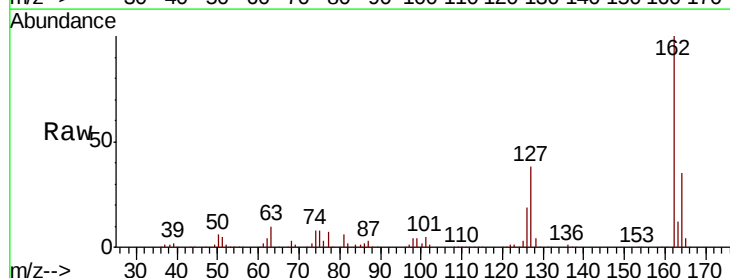
Tgt Ion:162 Resp: 437615

Ion Ratio Lower Upper

162 100

127 38.4 30.7 46.1

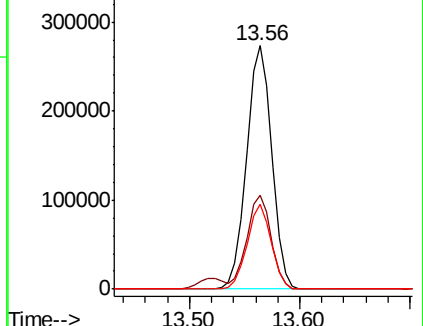
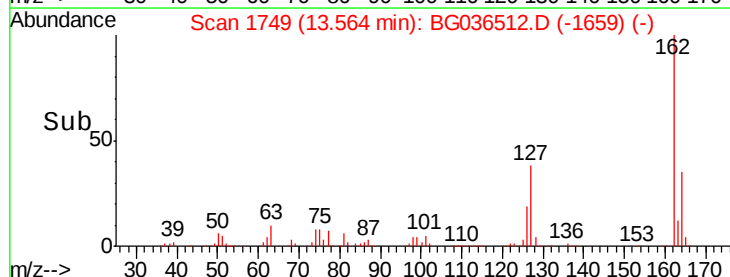
164 34.7 26.7 40.1

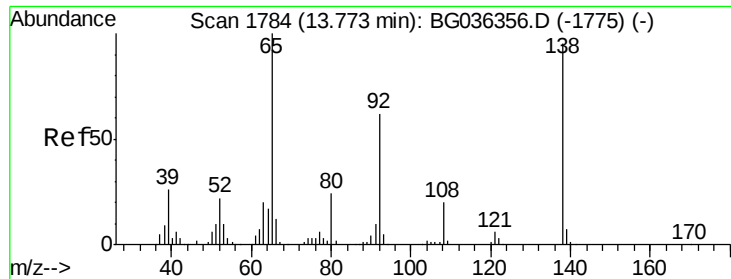


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

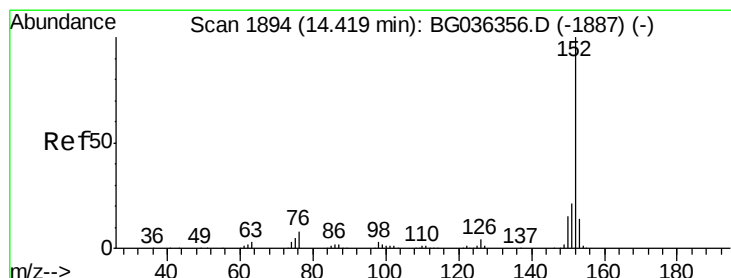
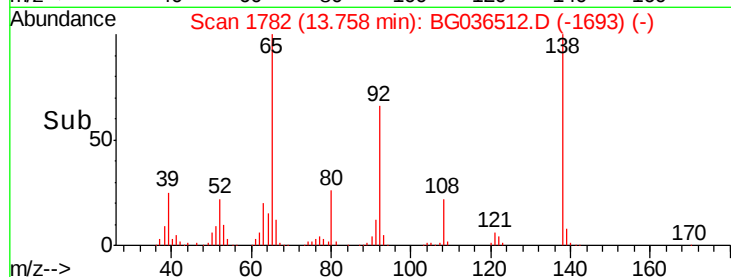
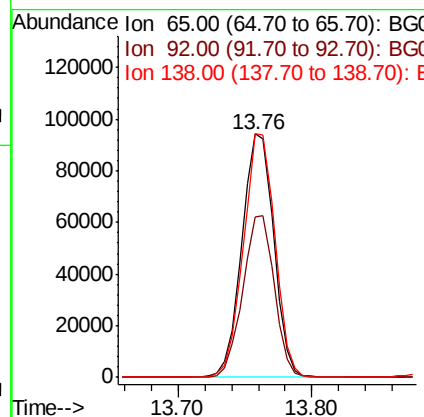
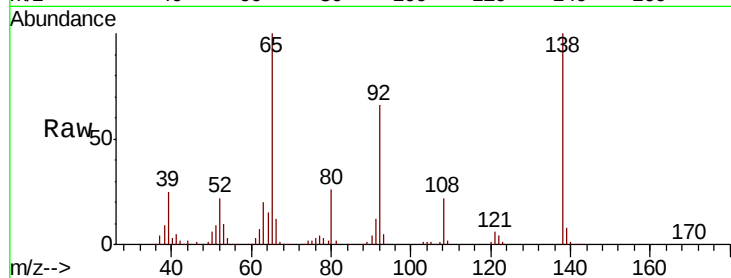




#47  
2-Nitroaniline  
Concen: 46.417 ng  
RT: 13.76 min Scan# 1782  
Delta R.T. -0.00 min  
Lab File: BG036512.D  
Acq: 31 Aug 2018 19:08

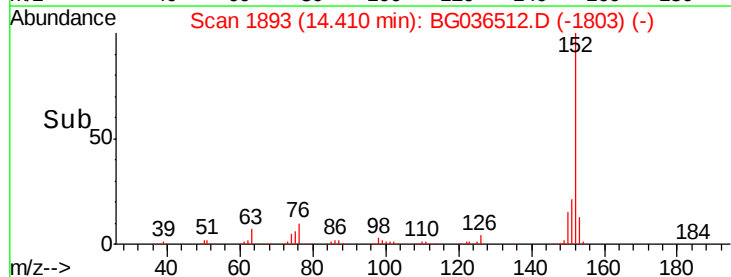
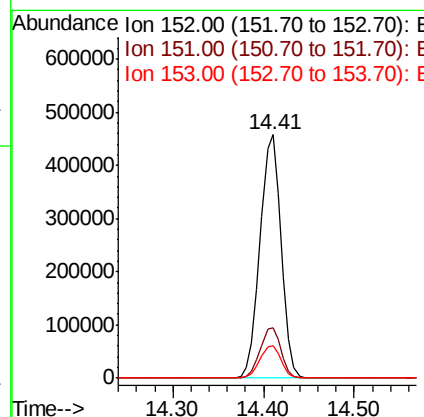
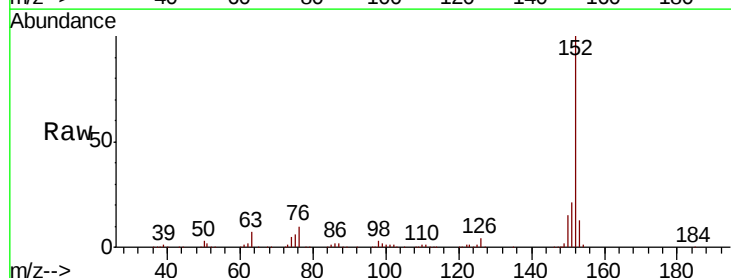
Instrument :  
BNA\_G  
ClientSampleId :

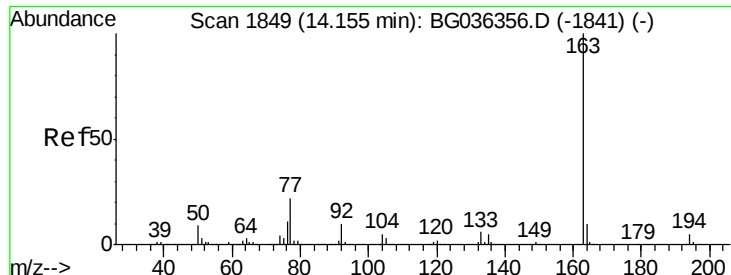
Tot Ion: 65 Resp: 154977  
Ion Ratio Lower Upper  
65 100  
92 66.2 49.9 74.9  
138 100.1 76.2 114.4



#48  
Acenaphthylene  
Concen: 44.508 ng  
RT: 14.41 min Scan# 1893  
Delta R.T. 0.00 min  
Lab File: BG036512.D  
Acq: 31 Aug 2018 19:08

Tgt Ion: 152 Resp: 739590  
Ion Ratio Lower Upper  
152 100  
151 20.9 16.9 25.3  
153 13.4 11.2 16.8

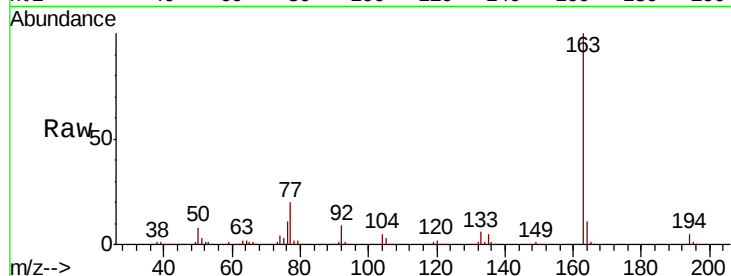




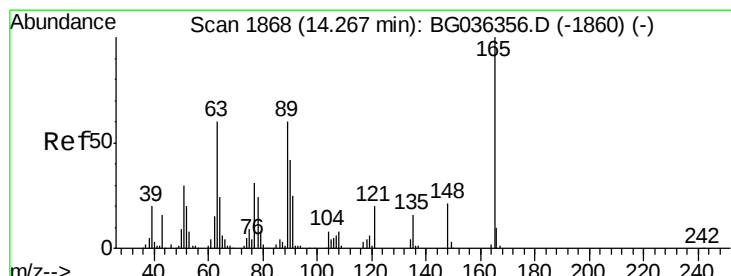
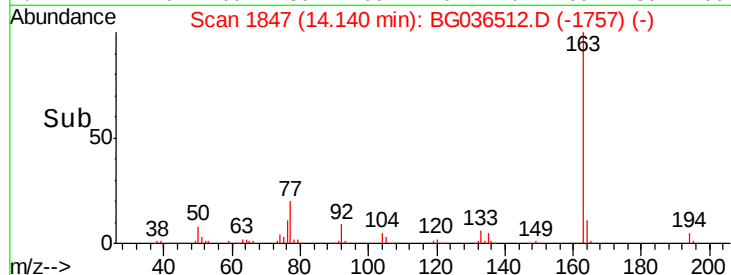
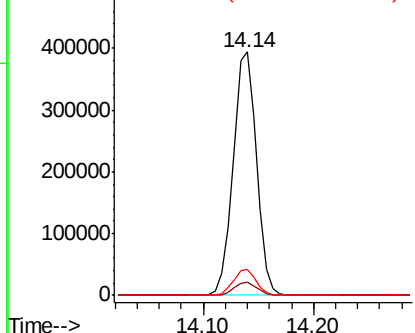
#49  
Dimethylphthalate  
Concen: 42.731 ng  
RT: 14.14 min Scan# 1847  
Delta R.T. 0.00 min  
Lab File: BG036512.D  
Acq: 31 Aug 2018 19:08

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:163 Resp: 585445  
Ion Ratio Lower Upper  
163 100  
194 5.4 4.0 6.0  
164 10.8 8.1 12.1

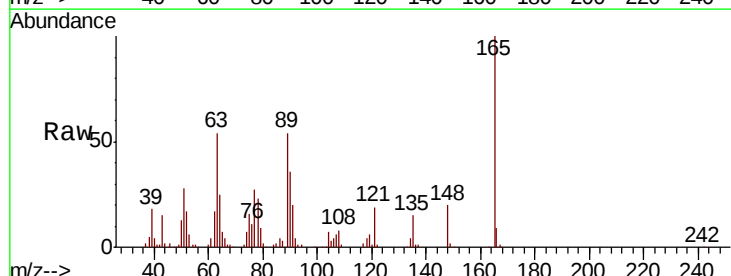


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

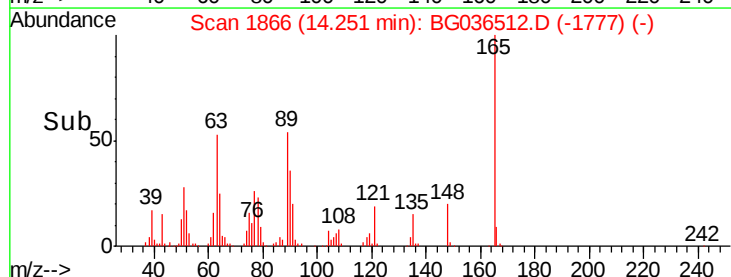
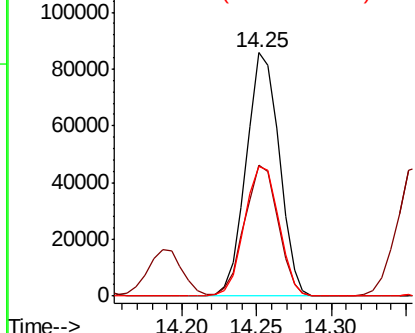


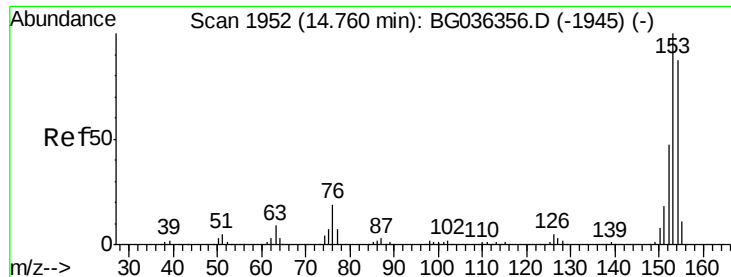
#50  
2,6-Dinitrotoluene  
Concen: 46.577 ng  
RT: 14.25 min Scan# 1866  
Delta R.T. -0.00 min  
Lab File: BG036512.D  
Acq: 31 Aug 2018 19:08

Tgt Ion:165 Resp: 131311  
Ion Ratio Lower Upper  
165 100  
63 53.8 50.1 75.1  
89 53.5 47.8 71.6



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BG  
Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 45.507 ng

RT: 14.75 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG036512.D

Acq: 31 Aug 2018 19:08

Instrument :

BNA\_G

ClientSampleId :

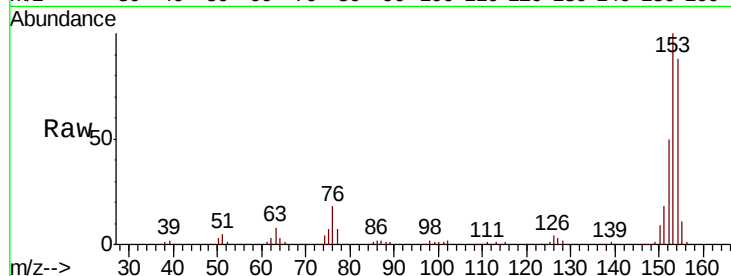
Tot Ion:154 Resp: 484298

Ion Ratio Lower Upper

154 100

153 114.2 91.8 137.6

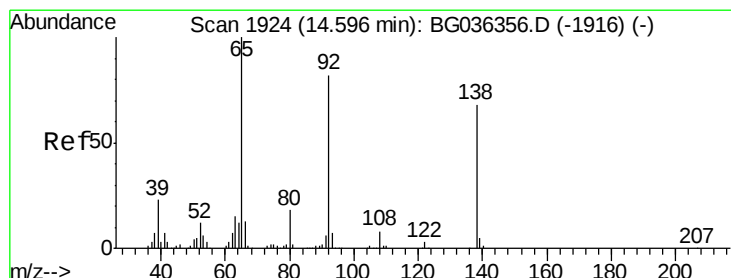
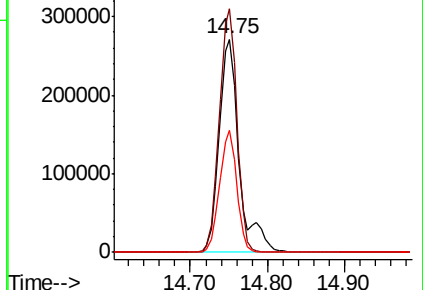
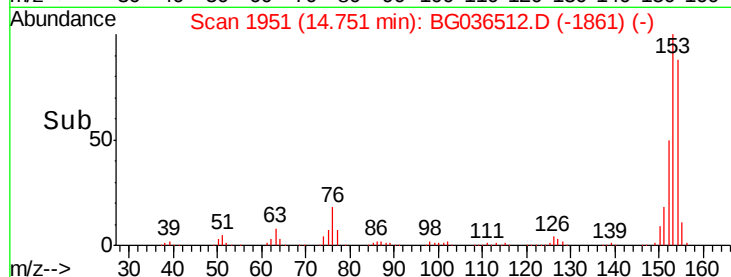
152 57.0 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 42.642 ng

RT: 14.59 min Scan# 1923

Delta R.T. 0.00 min

Lab File: BG036512.D

Acq: 31 Aug 2018 19:08

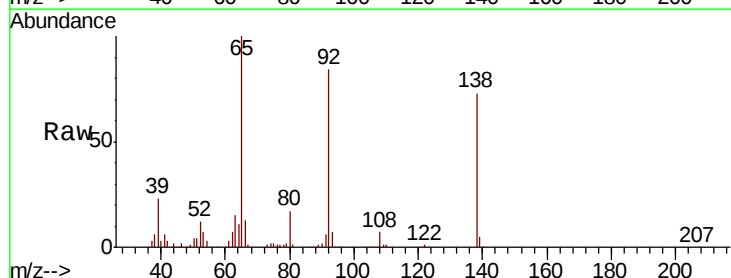
Tgt Ion:138 Resp: 129550

Ion Ratio Lower Upper

138 100

108 9.4 9.4 14.2#

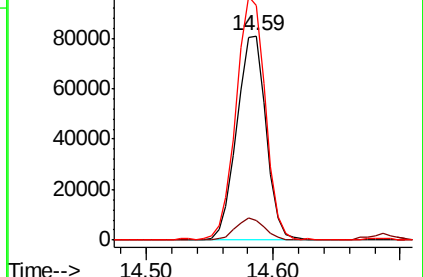
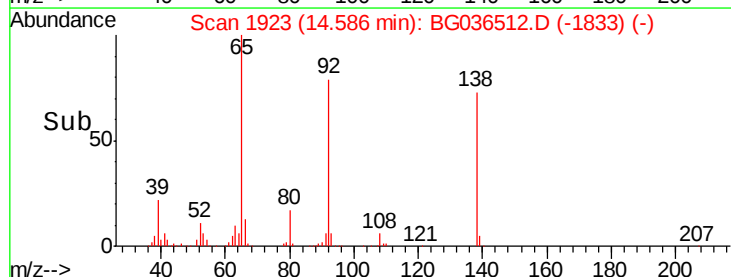
92 114.9 96.8 145.2

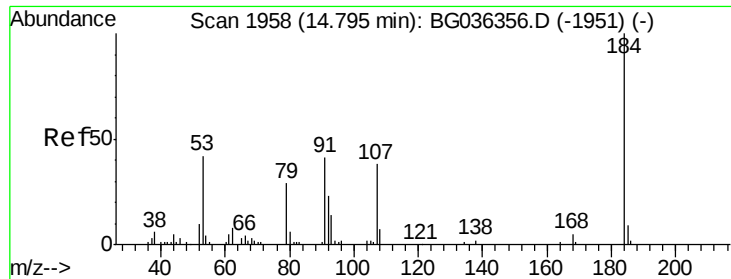


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

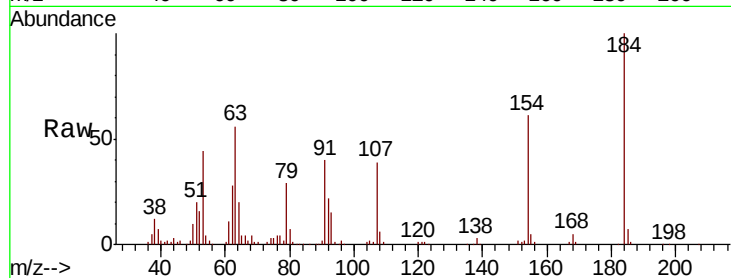




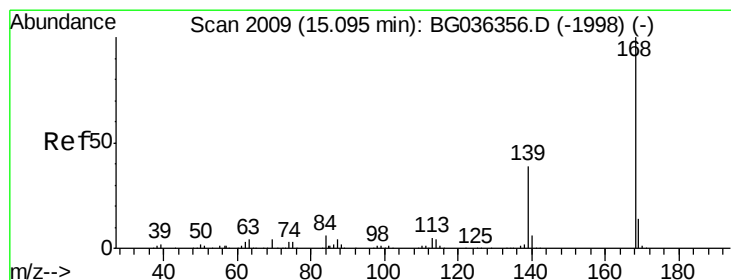
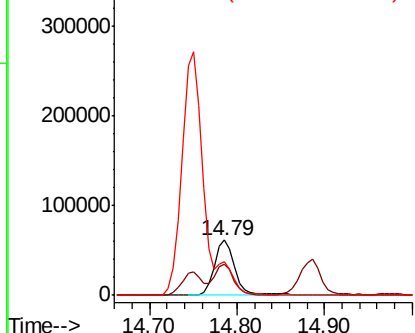
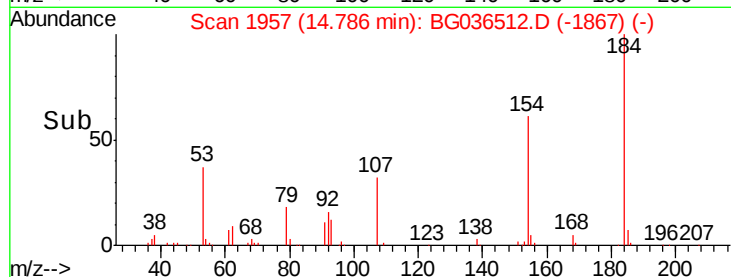
#53  
2,4-Dinitrophenol  
Concen: 96.262 ng  
RT: 14.79 min Scan# 1957  
Delta R.T. 0.00 min  
Lab File: BG036512.D  
Acq: 31 Aug 2018 19:08

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:184 Resp: 102794  
Ion Ratio Lower Upper  
184 100  
63 56.3 47.3 70.9  
154 60.7 51.1 76.7

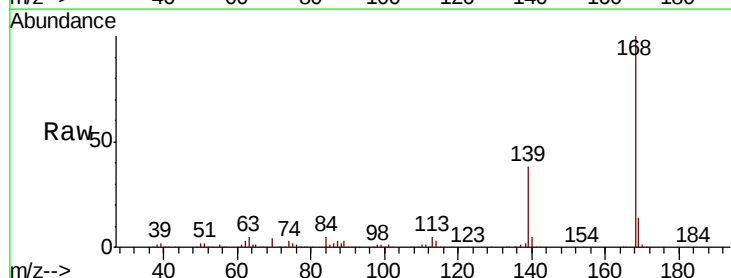


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BG  
Ion 154.00 (153.70 to 154.70): E

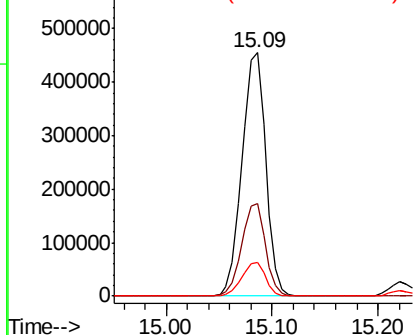
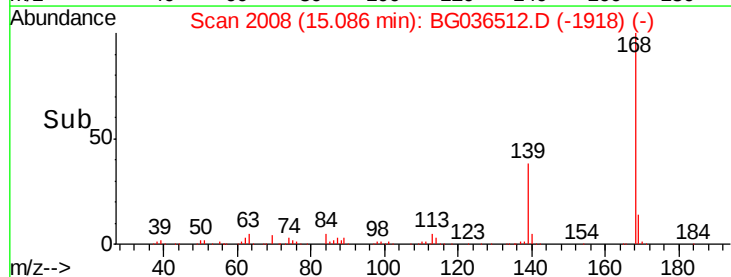


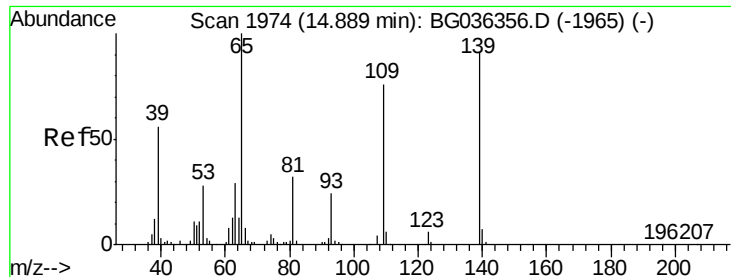
#54  
Dibenzofuran  
Concen: 42.583 ng  
RT: 15.09 min Scan# 2008  
Delta R.T. 0.00 min  
Lab File: BG036512.D  
Acq: 31 Aug 2018 19:08

Tgt Ion:168 Resp: 709985  
Ion Ratio Lower Upper  
168 100  
139 37.8 31.0 46.6  
169 14.1 11.1 16.7



Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

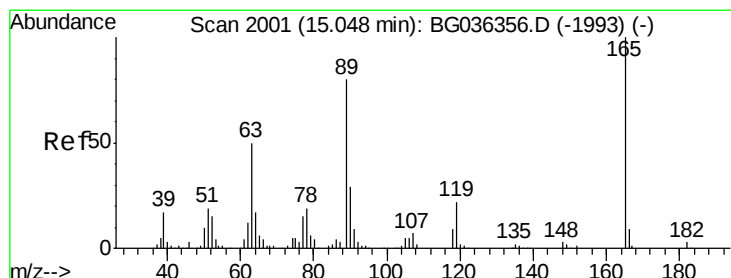
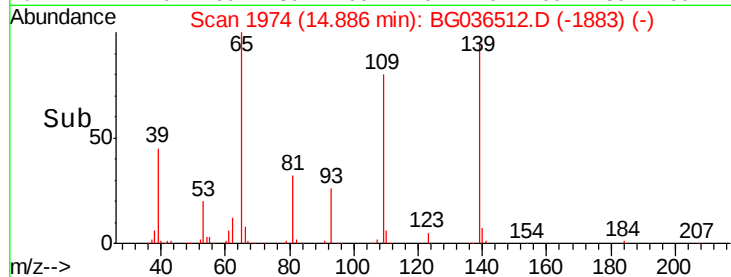
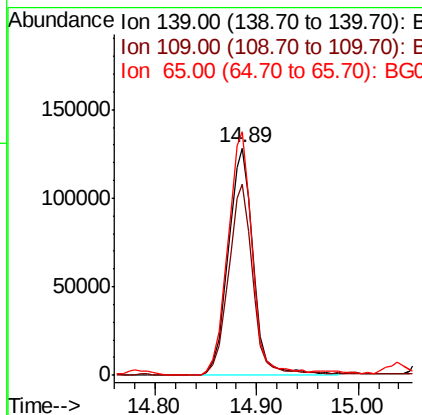
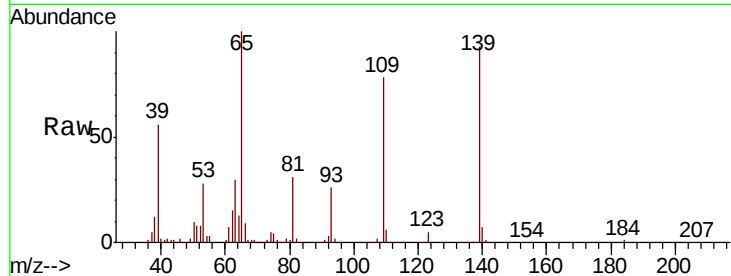




#55  
4-Nitrophenol  
Concen: 87.989 ng  
RT: 14.89 min Scan# 1974  
Delta R.T. 0.01 min  
Lab File: BG036512.D  
Acq: 31 Aug 2018 19:08

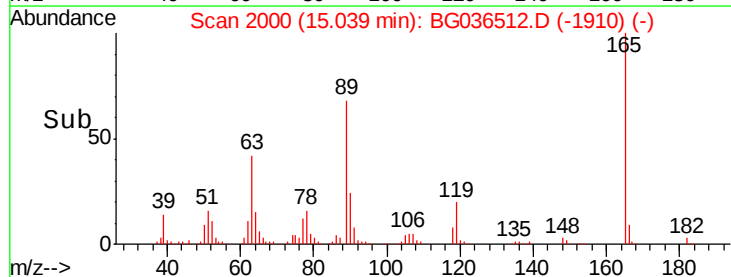
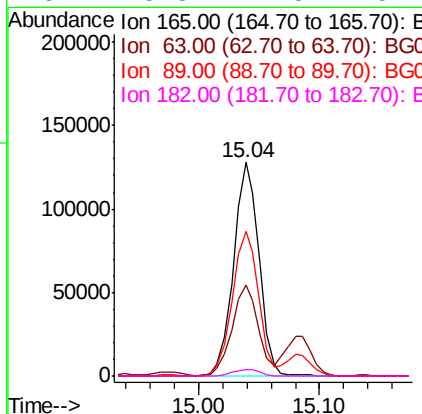
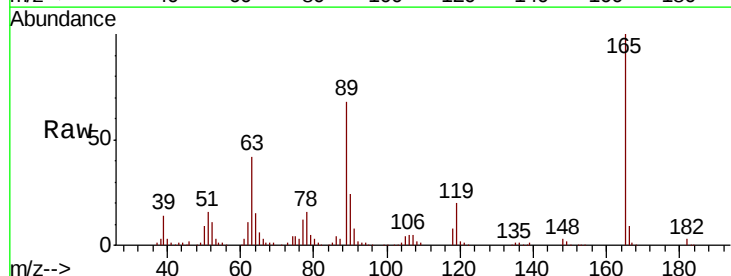
Instrument :  
BNA\_G  
ClientSampleId :

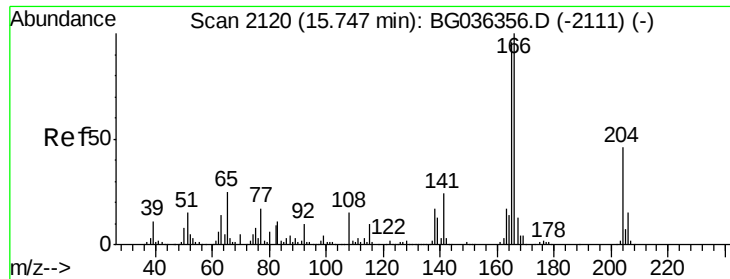
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 84.1  | 63.9  | 103.9 |
| 65      | 107.2 | 90.0  | 130.0 |



#56  
2,4-Dinitrotoluene  
Concen: 50.717 ng  
RT: 15.04 min Scan# 2000  
Delta R.T. 0.00 min  
Lab File: BG036512.D  
Acq: 31 Aug 2018 19:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 42.3  | 40.1  | 60.1  |
| 89      | 67.9  | 63.7  | 95.5  |
| 182     | 3.3   | 2.5   | 3.7   |

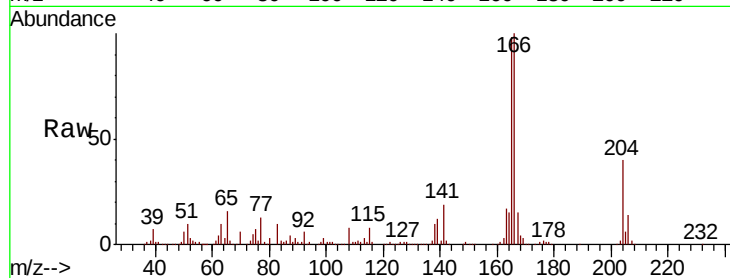




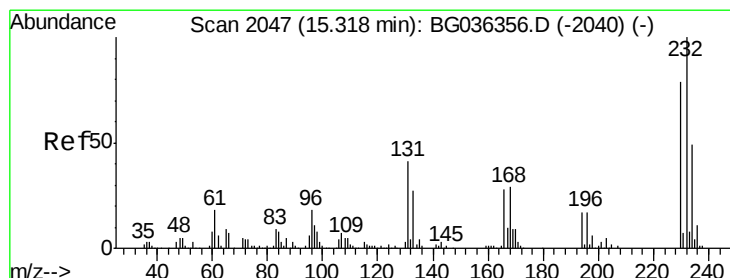
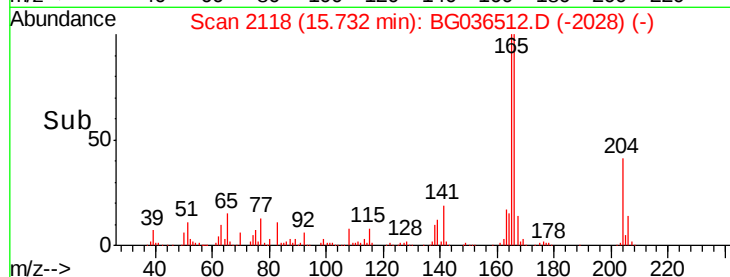
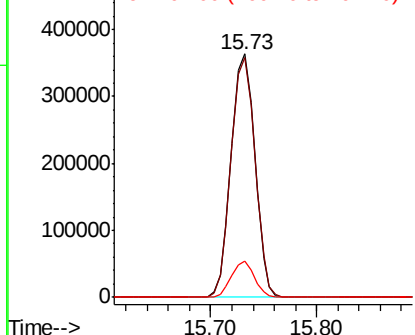
#57  
 Fluorene  
 Concen: 45.596 ng  
 RT: 15.73 min Scan# 2118  
 Delta R.T. 0.00 min  
 Lab File: BG036512.D  
 Acq: 31 Aug 2018 19:08

Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion:166 Resp: 568305  
 Ion Ratio Lower Upper  
 166 100  
 165 98.5 77.0 115.4  
 167 14.8 10.6 16.0

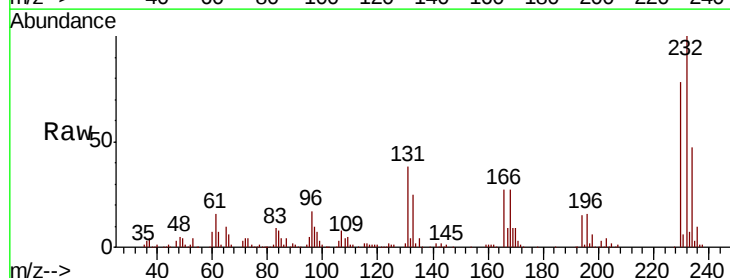


Abundance Ion 166.00 (165.70 to 166.70): E  
 Ion 165.00 (164.70 to 165.70): E  
 Ion 167.00 (166.70 to 167.70): E

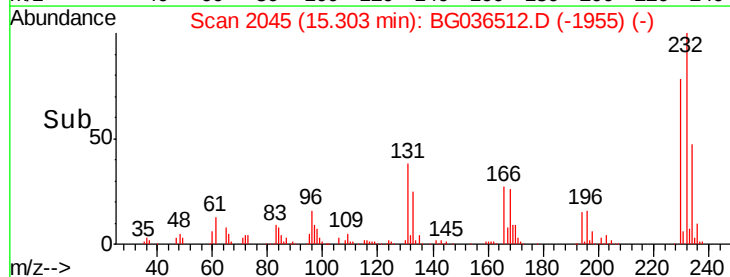
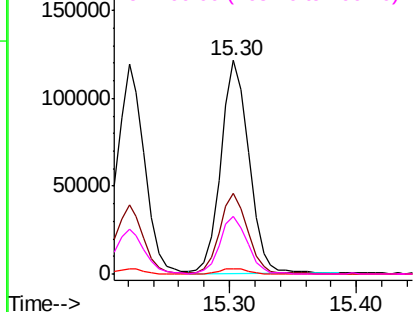


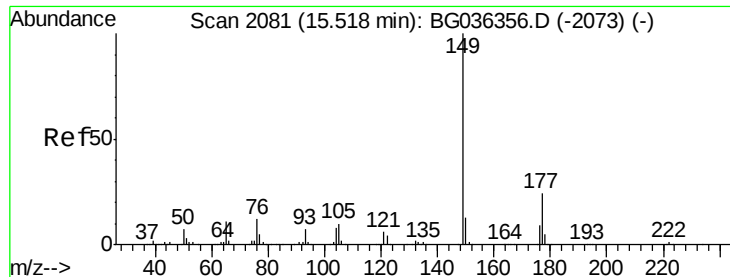
#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 51.094 ng  
 RT: 15.30 min Scan# 2045  
 Delta R.T. 0.00 min  
 Lab File: BG036512.D  
 Acq: 31 Aug 2018 19:08

Tgt Ion:232 Resp: 185200  
 Ion Ratio Lower Upper  
 232 100  
 131 37.8 33.8 50.8  
 130 2.4 2.1 3.1  
 166 26.6 22.3 33.5



Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

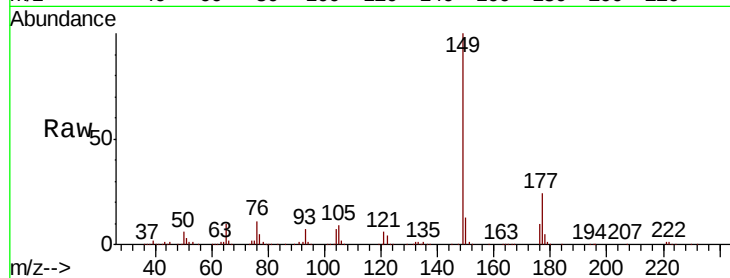




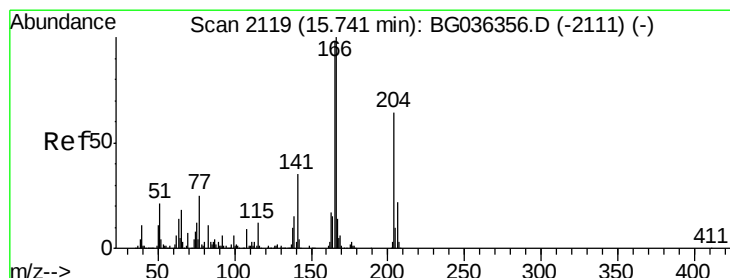
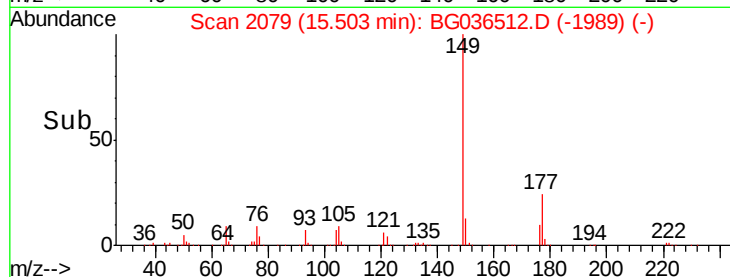
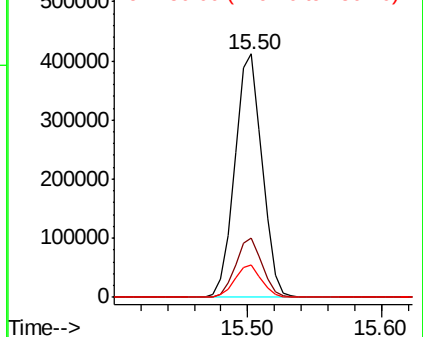
#59  
Diethylphthalate  
Concen: 42.170 ng  
RT: 15.50 min Scan# 2079  
Delta R.T. 0.00 min  
Lab File: BG036512.D  
Acq: 31 Aug 2018 19:08

Instrument :  
BNA\_G  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 24.1  | 19.1  | 28.7  |
| 150     | 13.1  | 10.7  | 16.1  |

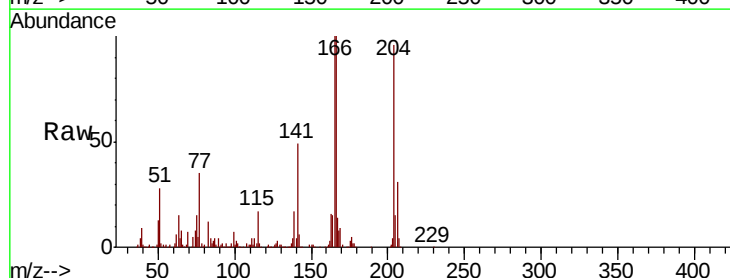


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

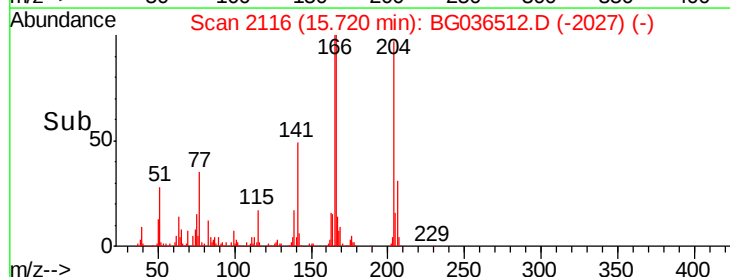
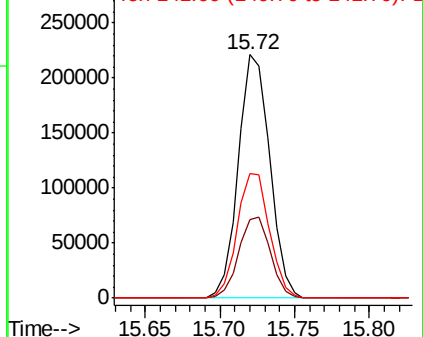


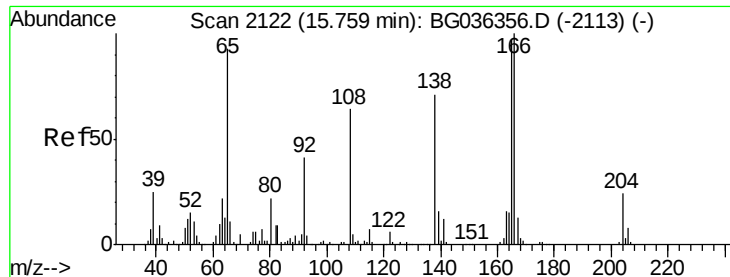
#60  
4-Chlorophenyl-phenylether  
Concen: 42.114 ng  
RT: 15.72 min Scan# 2116  
Delta R.T. -0.00 min  
Lab File: BG036512.D  
Acq: 31 Aug 2018 19:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.5  | 27.0  | 40.4  |
| 141     | 51.2  | 43.8  | 65.6  |



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

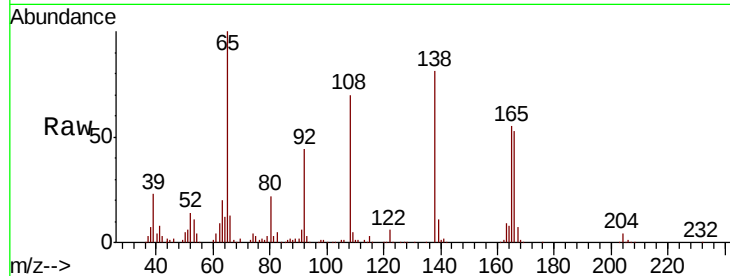




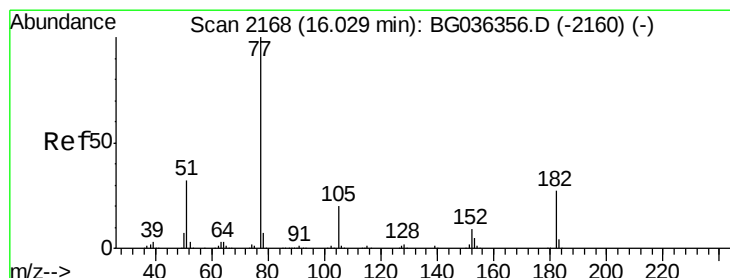
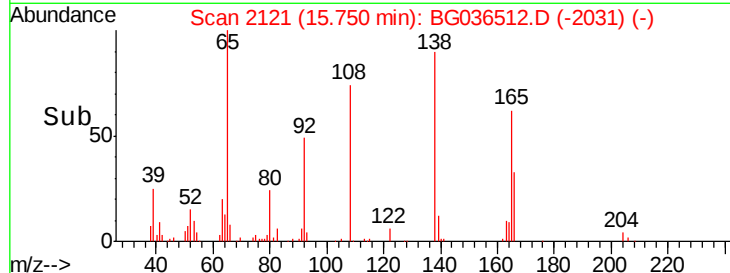
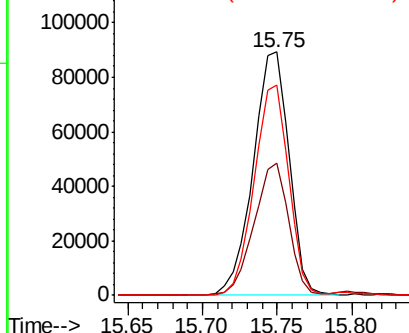
#61  
4-Nitroaniline  
Concen: 46.748 ng  
RT: 15.75 min Scan# 2121  
Delta R.T. 0.00 min  
Lab File: BG036512.D  
Acq: 31 Aug 2018 19:08

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:138 Resp: 148619  
Ion Ratio Lower Upper  
138 100  
92 54.3 38.5 78.5  
108 86.3 70.3 110.3

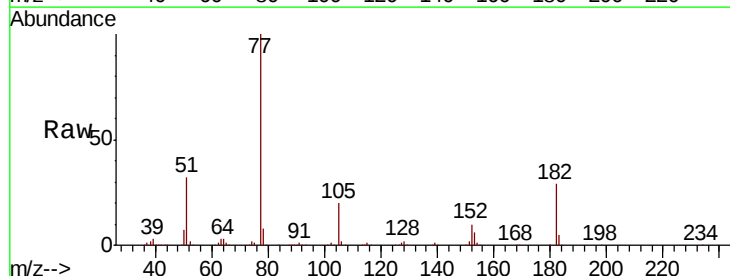


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BG  
Ion 108.00 (107.70 to 108.70): E

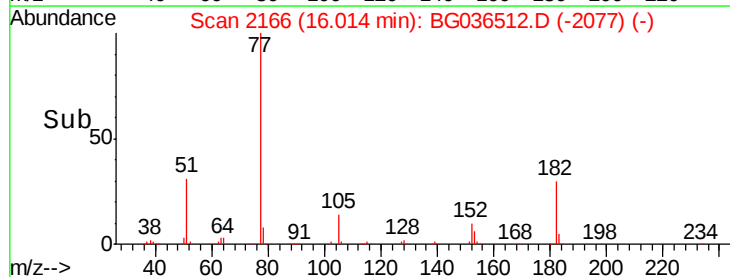
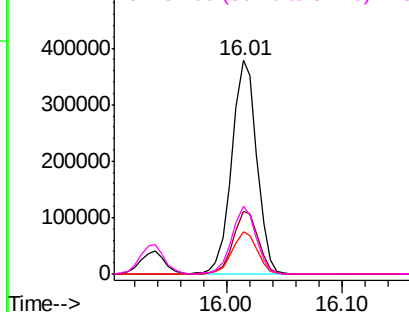


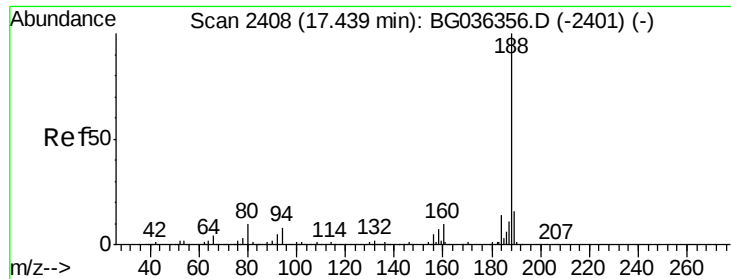
#62  
Azobenzene  
Concen: 40.207 ng  
RT: 16.01 min Scan# 2166  
Delta R.T. -0.00 min  
Lab File: BG036512.D  
Acq: 31 Aug 2018 19:08

Tgt Ion: 77 Resp: 564859  
Ion Ratio Lower Upper  
77 100  
182 29.3 6.7 46.7  
105 19.7 0.0 39.8  
51 31.9 12.4 52.4



Abundance Ion 77.00 (76.70 to 77.70): BG  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BG





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2407

Delta R.T. 0.00 min

Lab File: BG036512.D

Acq: 31 Aug 2018 19:08

Instrument :

BNA\_G

ClientSampleId :

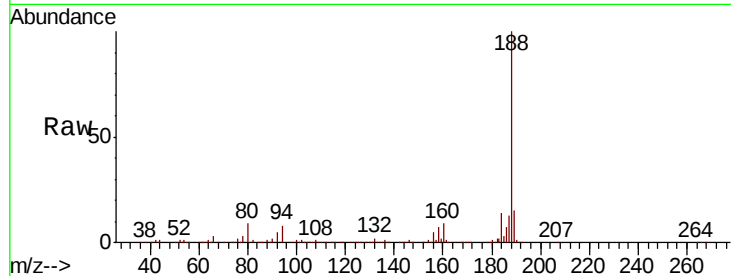
Tot Ion:188 Resp: 438746

Ion Ratio Lower Upper

188 100

94 7.8 6.7 10.1

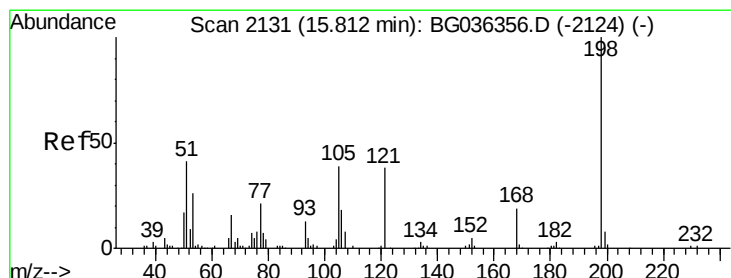
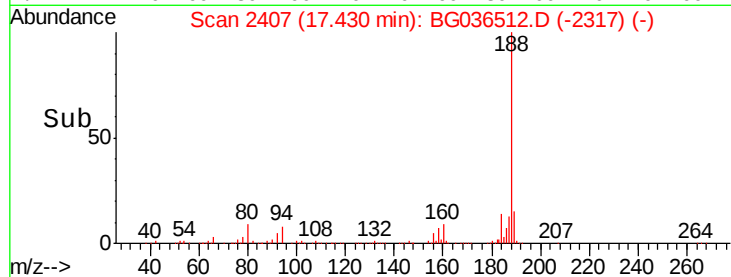
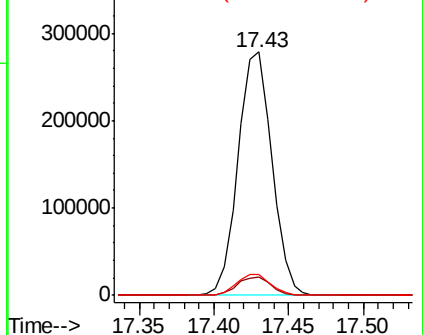
80 8.7 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#64

4,6-Dinitro-2-methylphenol

Concen: 46.608 ng

RT: 15.80 min Scan# 2130

Delta R.T. 0.00 min

Lab File: BG036512.D

Acq: 31 Aug 2018 19:08

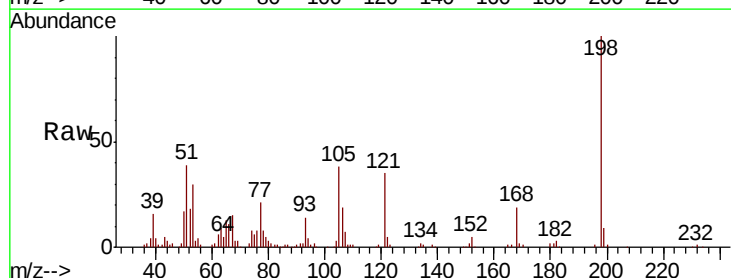
Tgt Ion:198 Resp: 89829

Ion Ratio Lower Upper

198 100

51 39.0 26.5 66.5

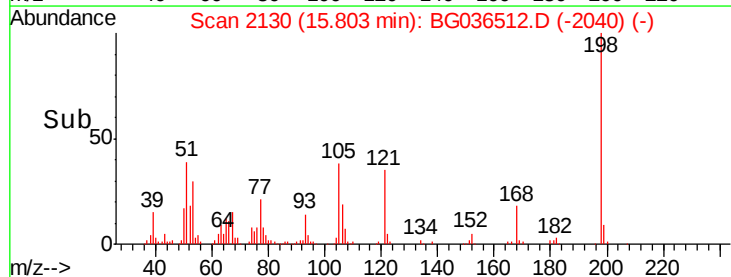
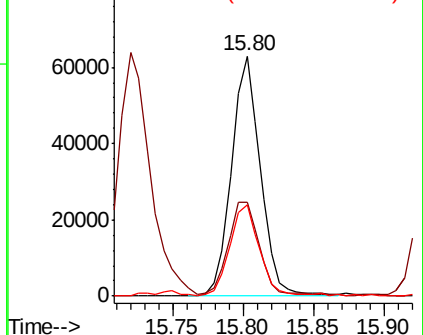
105 37.8 20.2 60.2

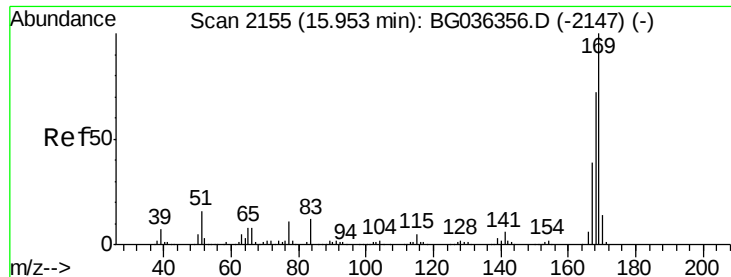


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.272 ng

RT: 15.94 min Scan# 2153

Delta R.T. 0.00 min

Lab File: BG036512.D

Acq: 31 Aug 2018 19:08

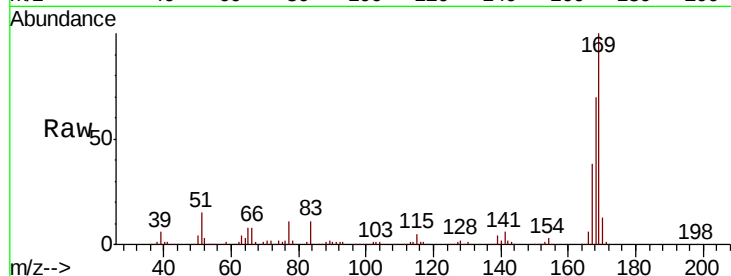
Instrument :

BNA\_G

ClientSampled :

Tot Ion:169 Resp: 525018

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 69.8  | 57.6  | 86.4  |
| 167 | 38.1  | 31.0  | 46.4  |

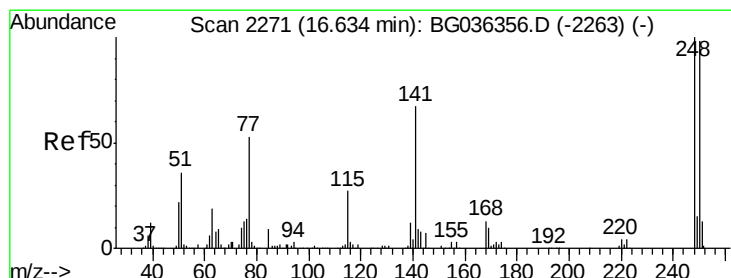
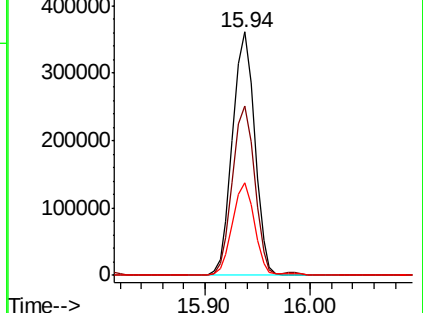
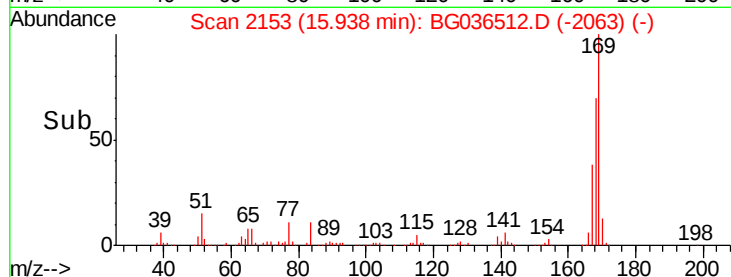


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.891 ng

RT: 16.62 min Scan# 2269

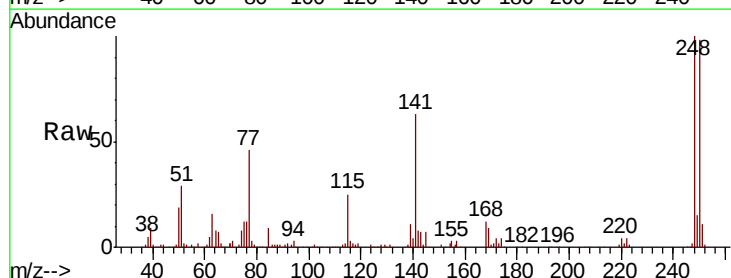
Delta R.T. 0.00 min

Lab File: BG036512.D

Acq: 31 Aug 2018 19:08

Tgt Ion:248 Resp: 215185

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 248 | 100   |       |       |
| 250 | 97.7  | 78.1  | 117.1 |
| 141 | 63.3  | 53.7  | 80.5  |

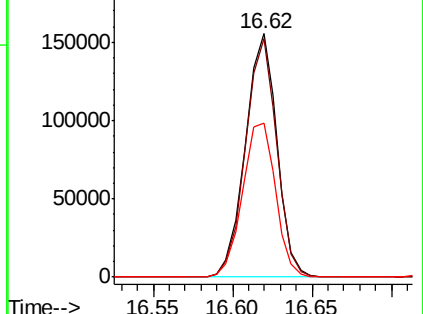
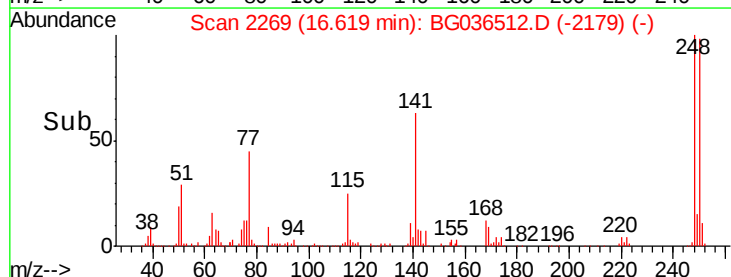


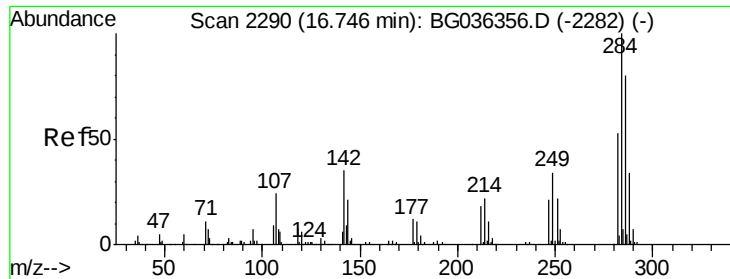
Abundance

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





#67

Hexachlorobenzene

Concen: 41.628 ng

RT: 16.73 min Scan# 2288

Delta R.T. 0.00 min

Lab File: BG036512.D

Acq: 31 Aug 2018 19:08

Instrument :

BNA\_G

ClientSampleId :

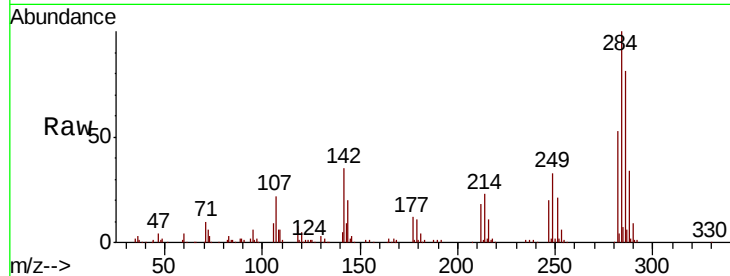
Tot Ion:284 Resp: 218652

Ion Ratio Lower Upper

284 100

142 34.7 27.8 41.6

249 32.6 27.4 41.2



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

16.73

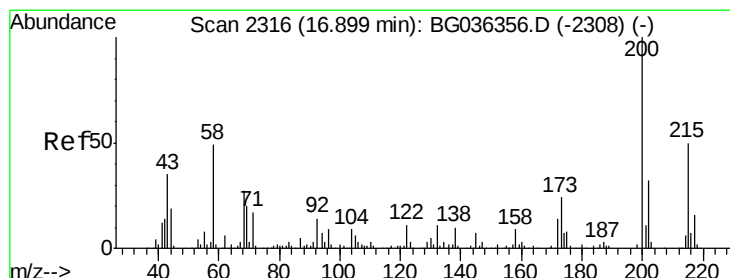
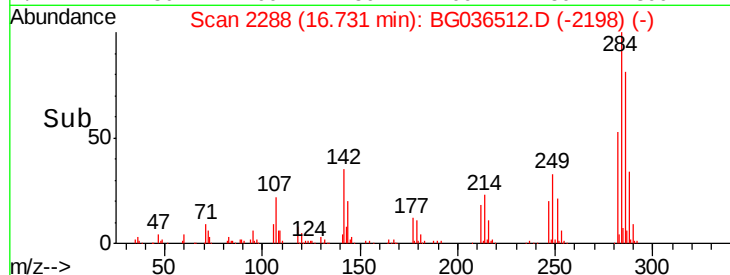
150000

100000

50000

0

Time-->



#68

Atrazine

Concen: 44.304 ng

RT: 16.88 min Scan# 2314

Delta R.T. 0.00 min

Lab File: BG036512.D

Acq: 31 Aug 2018 19:08

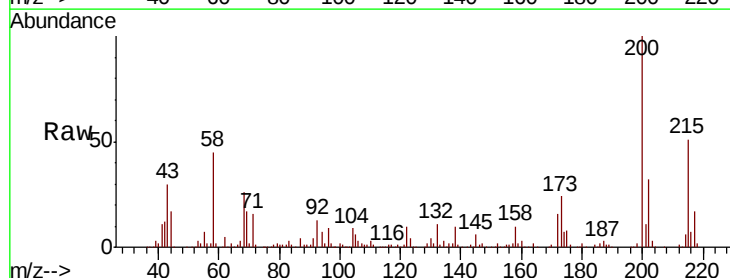
Tgt Ion:200 Resp: 216793

Ion Ratio Lower Upper

200 100

173 24.1 3.9 43.9

215 50.6 30.4 70.4



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

16.88

200000

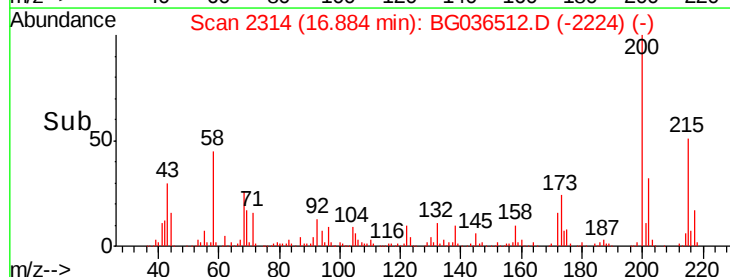
150000

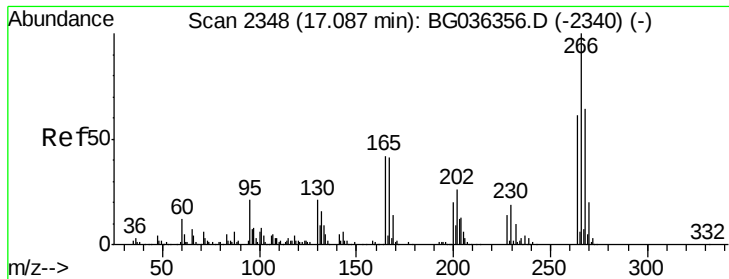
100000

50000

0

Time-->

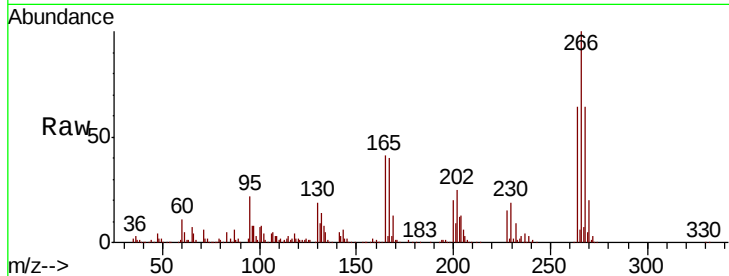




#69  
 Pentachlorophenol  
 Concen: 76.593 ng  
 RT: 17.07 min Scan# 2346  
 Delta R.T. 0.00 min  
 Lab File: BG036512.D  
 Acq: 31 Aug 2018 19:08

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.5  | 51.4  | 77.2  |
| 264     | 64.2  | 48.9  | 73.3  |

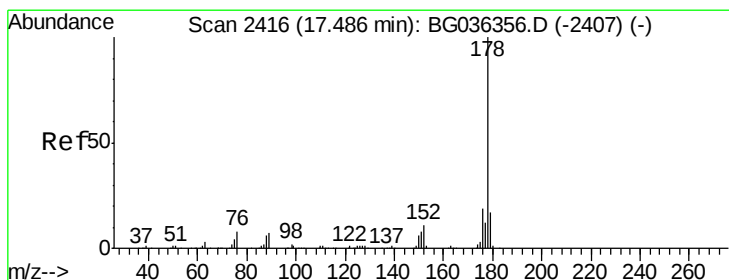
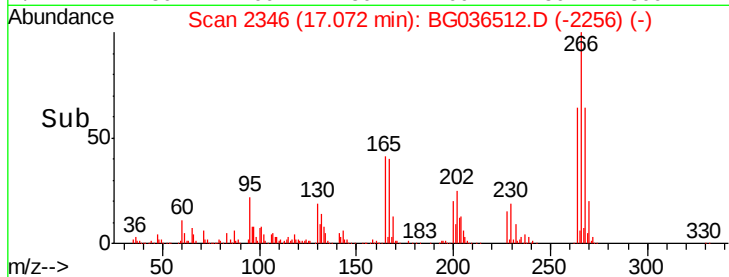
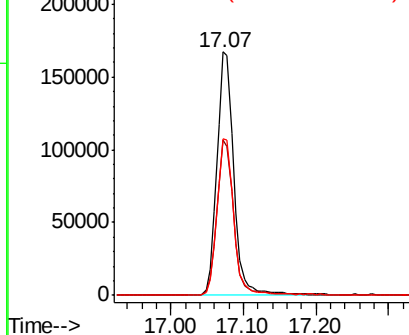


Abundance

Ion 265.70 (265.40 to 266.40): E

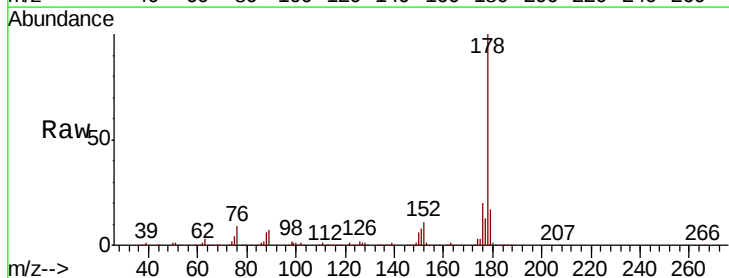
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70  
 Phenanthrene  
 Concen: 43.330 ng  
 RT: 17.47 min Scan# 2414  
 Delta R.T. 0.00 min  
 Lab File: BG036512.D  
 Acq: 31 Aug 2018 19:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.1  | 15.4  | 23.2  |
| 179     | 17.0  | 13.4  | 20.2  |

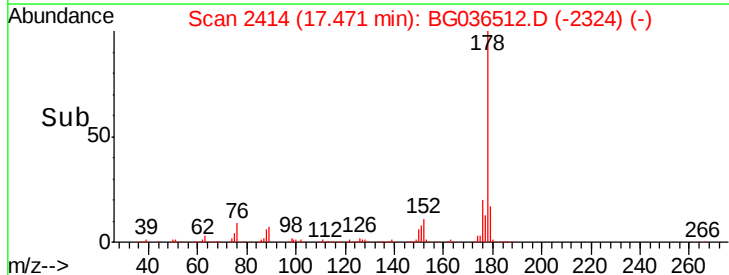
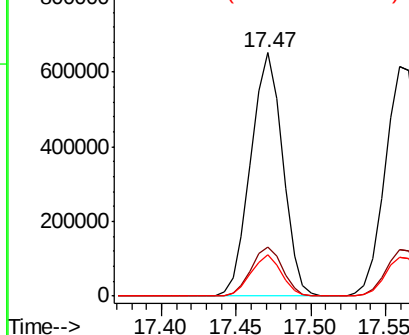


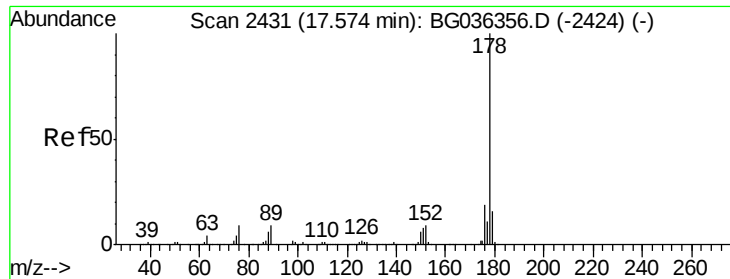
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

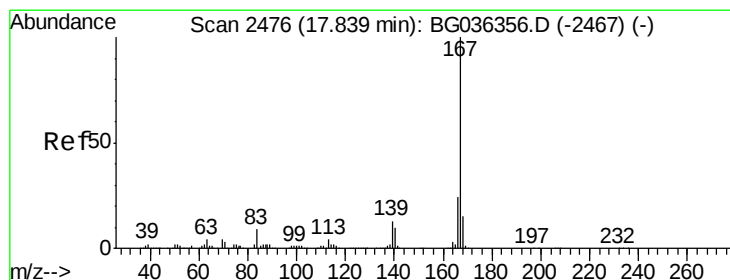
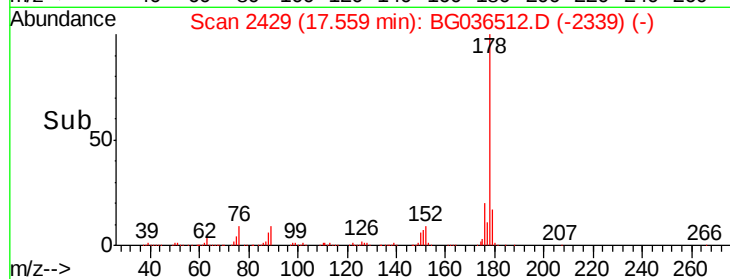
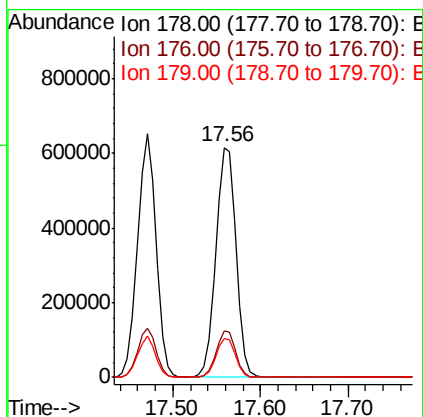
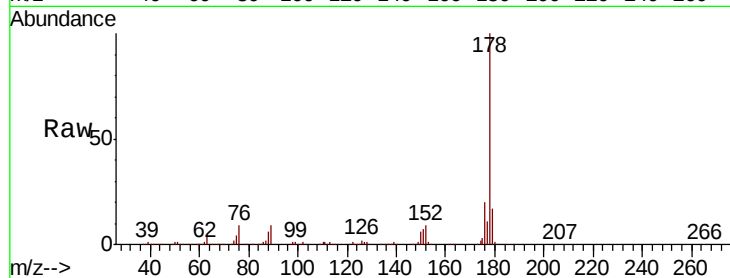




#71  
 Anthracene  
 Concen: 44.374 ng  
 RT: 17.56 min Scan# 2429  
 Delta R.T. 0.00 min  
 Lab File: BG036512.D  
 Acq: 31 Aug 2018 19:08

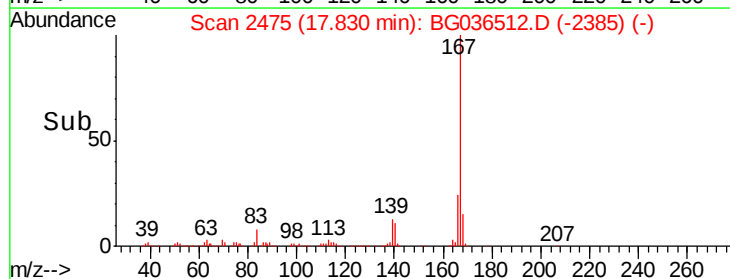
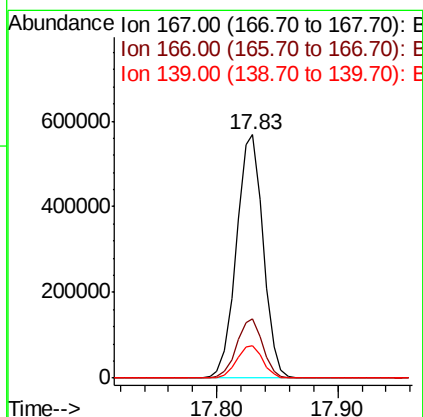
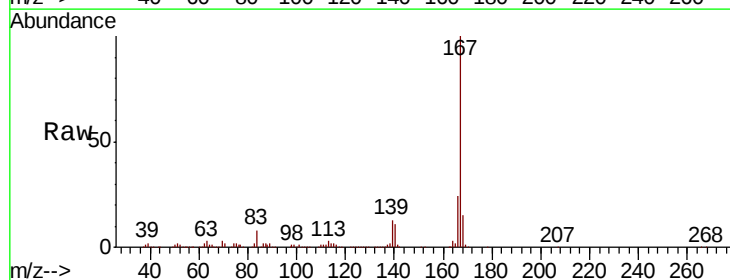
Instrument :  
 BNA\_G  
 ClientSampleId :

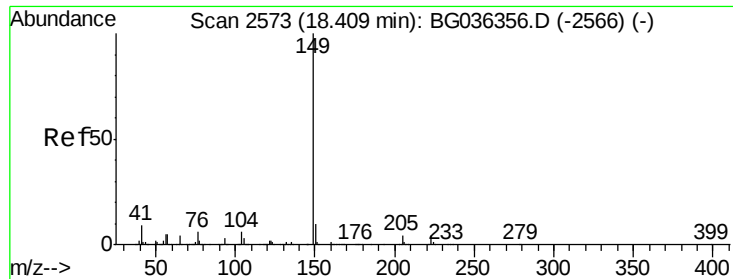
Tot Ion:178 Resp: 986127  
 Ion Ratio Lower Upper  
 178 100  
 176 20.4 15.4 23.2  
 179 17.1 13.0 19.4



#72  
 Carbazole  
 Concen: 39.477 ng  
 RT: 17.83 min Scan# 2475  
 Delta R.T. 0.00 min  
 Lab File: BG036512.D  
 Acq: 31 Aug 2018 19:08

Tgt Ion:167 Resp: 876151  
 Ion Ratio Lower Upper  
 167 100  
 166 24.3 19.5 29.3  
 139 13.4 10.7 16.1

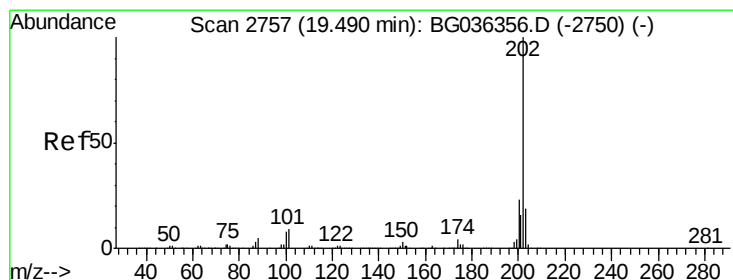
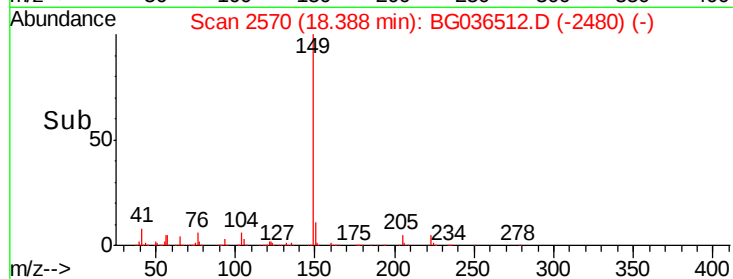
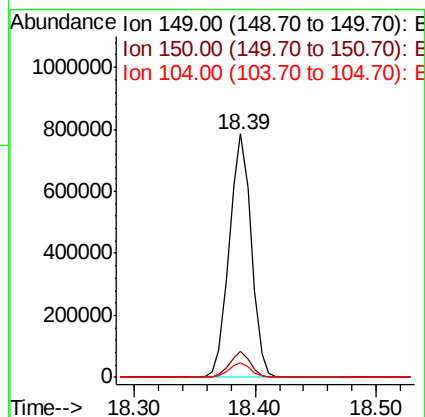
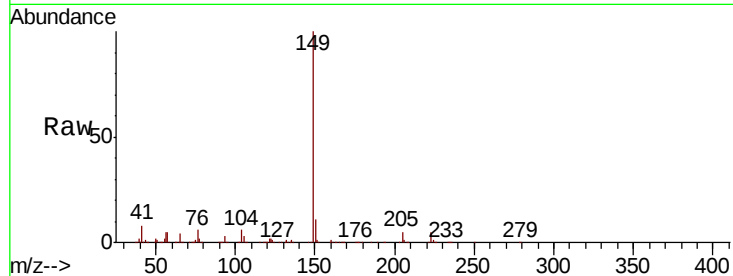




#73  
Di-n-butylphthalate  
Concen: 40.175 ng  
RT: 18.39 min Scan# 2570  
Delta R.T. 0.00 min  
Lab File: BG036512.D  
Acq: 31 Aug 2018 19:08

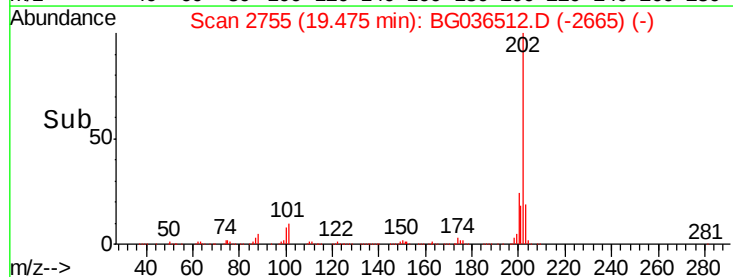
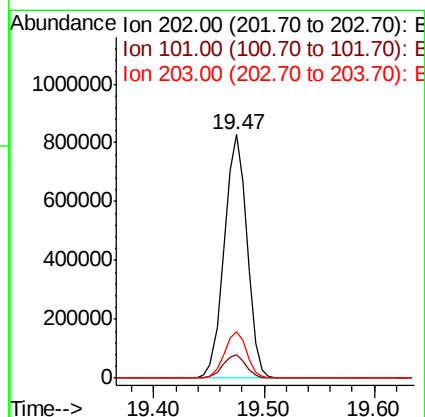
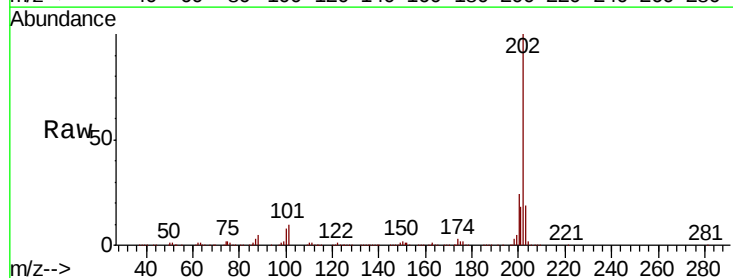
Instrument :  
BNA\_G  
ClientSampled :

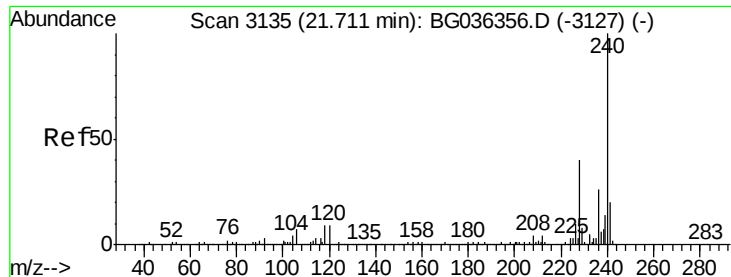
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.6  | 8.1   | 12.1  |
| 104     | 6.0   | 4.6   | 6.8   |



#74  
Fluoranthene  
Concen: 43.884 ng  
RT: 19.47 min Scan# 2755  
Delta R.T. 0.00 min  
Lab File: BG036512.D  
Acq: 31 Aug 2018 19:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 9.7   | 0.0   | 29.4  |
| 203     | 19.2  | 0.0   | 38.9  |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3133

Delta R.T. 0.00 min

Lab File: BG036512.D

Acq: 31 Aug 2018 19:08

Instrument :

BNA\_G

ClientSampleId :

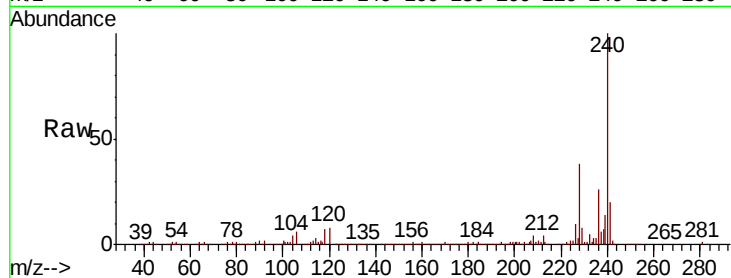
Tot Ion:240 Resp: 439604

Ion Ratio Lower Upper

240 100

120 7.7 6.9 10.3

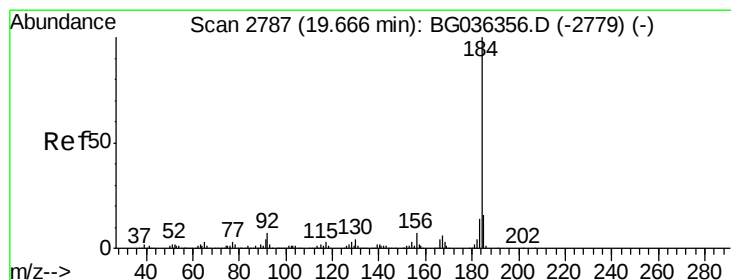
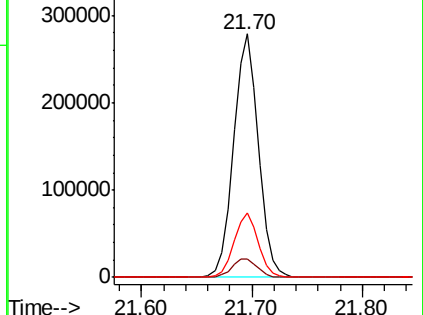
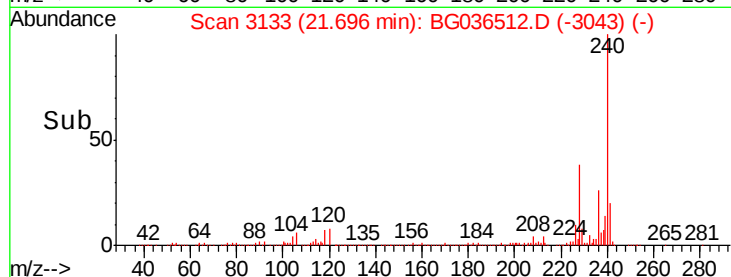
236 26.4 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 58.563 ng

RT: 19.65 min Scan# 2785

Delta R.T. 0.00 min

Lab File: BG036512.D

Acq: 31 Aug 2018 19:08

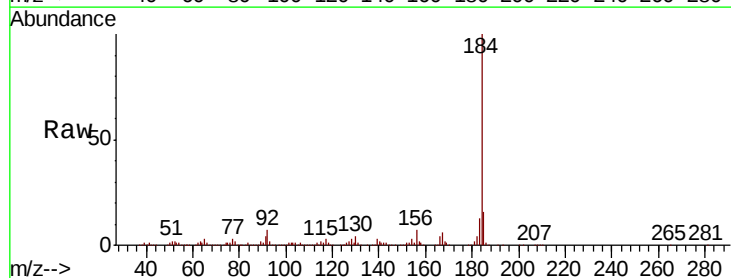
Tgt Ion:184 Resp: 821371

Ion Ratio Lower Upper

184 100

185 16.0 12.6 18.8

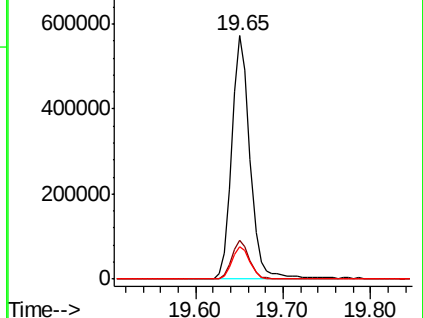
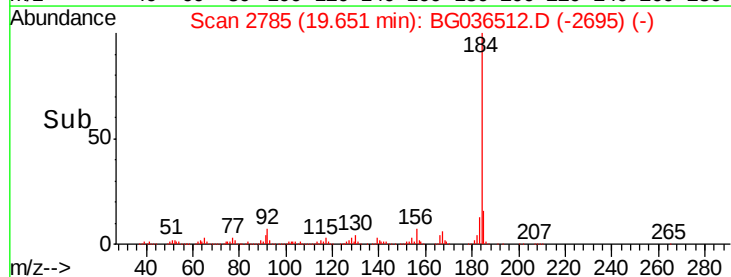
183 13.3 10.9 16.3

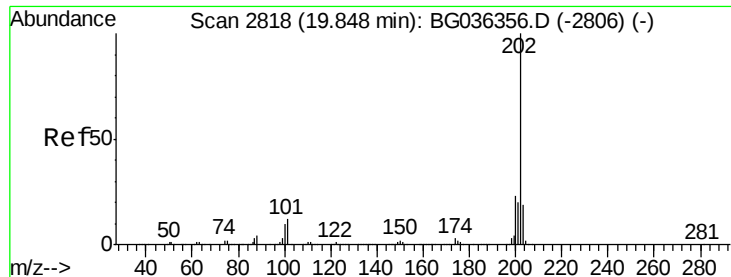


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

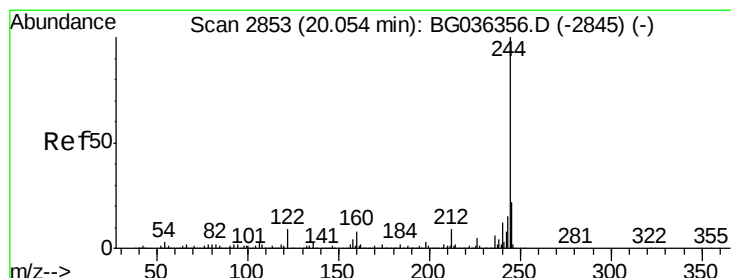
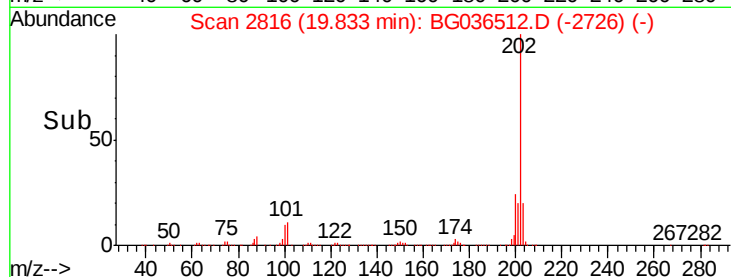
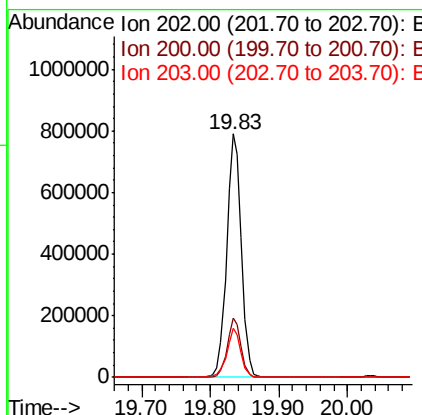
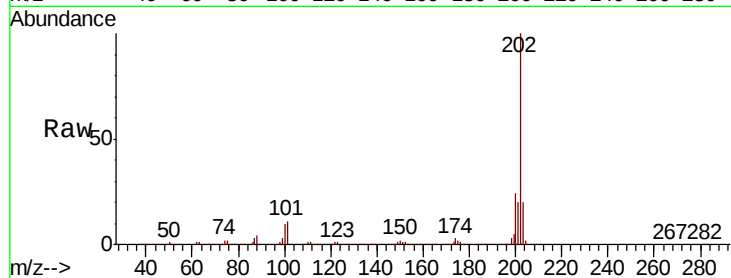




#77  
Pvrene  
Concen: 43.361 ng  
RT: 19.83 min Scan# 2816  
Delta R.T. 0.00 min  
Lab File: BG036512.D  
Acq: 31 Aug 2018 19:08

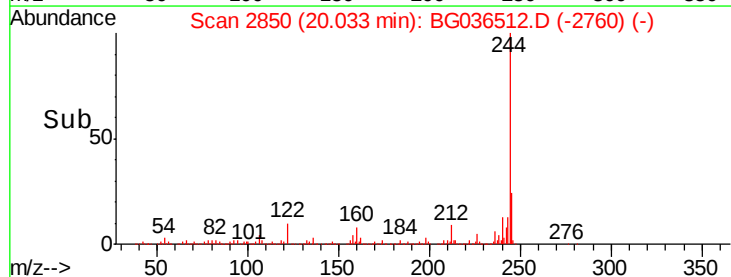
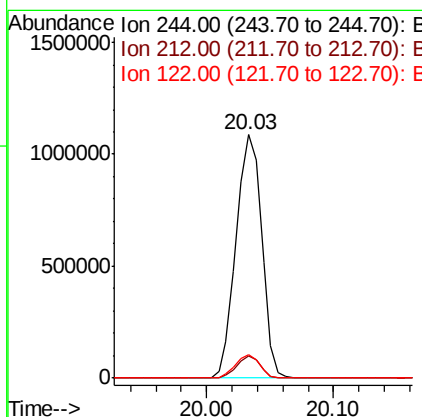
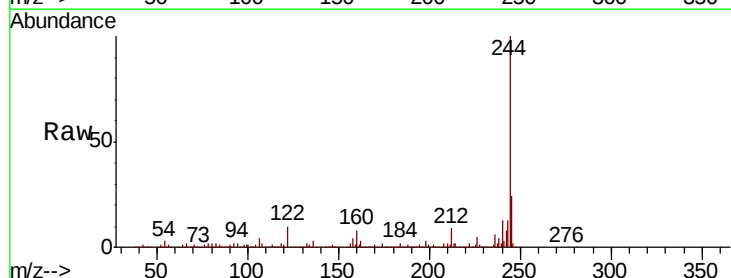
Instrument :  
BNA\_G  
ClientSampled :

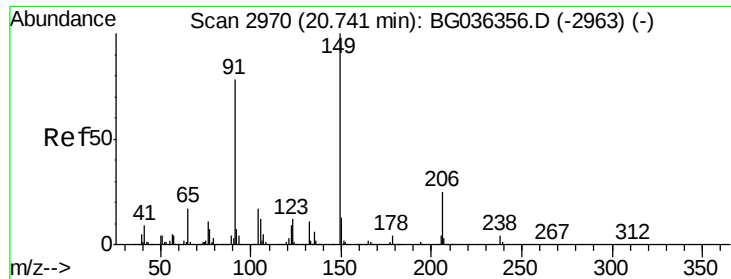
Tot Ion:202 Resp: 1172189  
Ion Ratio Lower Upper  
202 100  
200 24.1 18.3 27.5  
203 19.9 15.1 22.7



#78  
Terphenyl-d14  
Concen: 81.032 ng  
RT: 20.03 min Scan# 2850  
Delta R.T. 0.00 min  
Lab File: BG036512.D  
Acq: 31 Aug 2018 19:08

Tgt Ion:244 Resp: 1524045  
Ion Ratio Lower Upper  
244 100  
212 9.2 7.0 10.6  
122 9.7 7.1 10.7

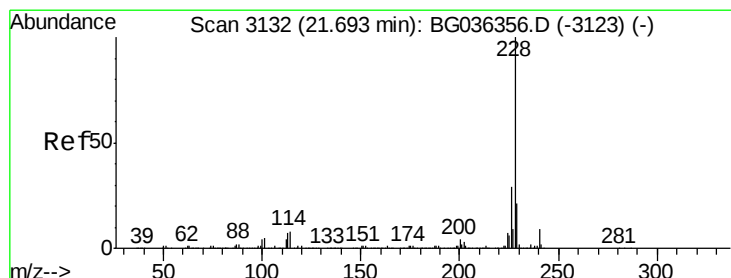
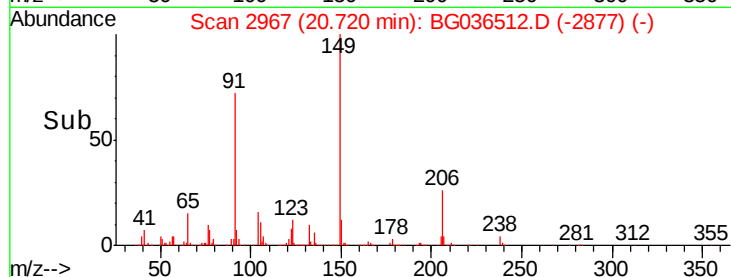
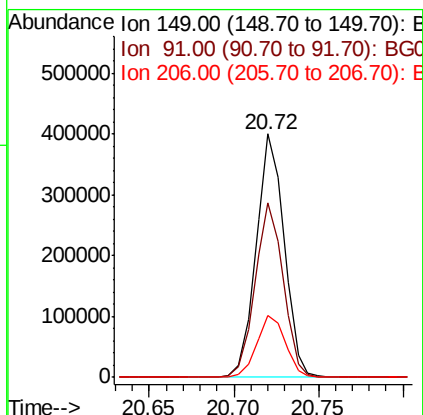
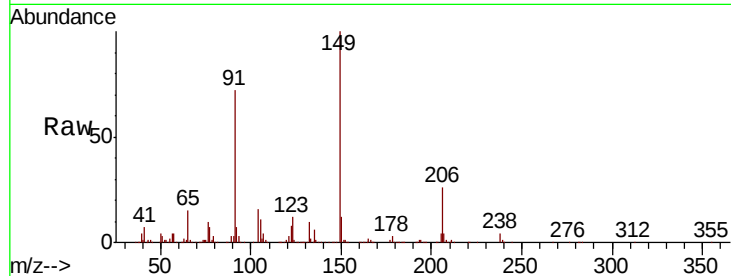




#79  
Butylbenzylphthalate  
Concen: 42.945 ng  
RT: 20.72 min Scan# 2967  
Delta R.T. 0.00 min  
Lab File: BG036512.D  
Acq: 31 Aug 2018 19:08

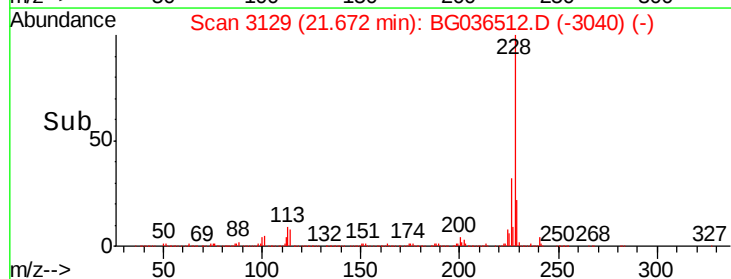
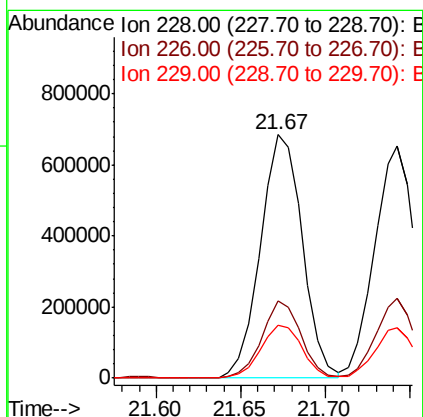
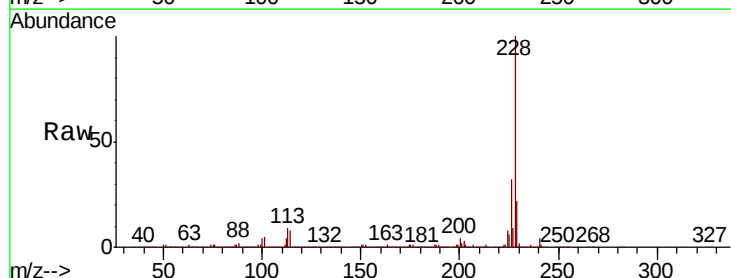
Instrument :  
BNA\_G  
ClientSampled :

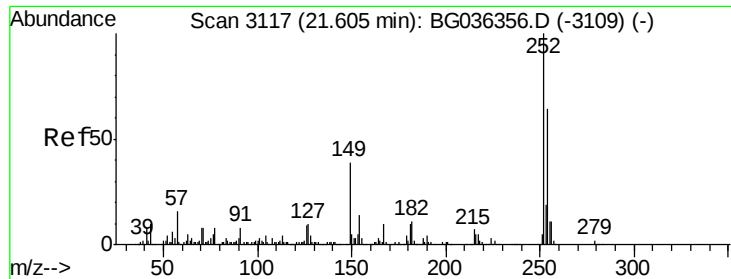
Tot Ion:149 Resp: 462020  
Ion Ratio Lower Upper  
149 100  
91 71.9 62.0 93.0  
206 25.6 19.6 29.4



#80  
Benzo(a)anthracene  
Concen: 44.223 ng  
RT: 21.67 min Scan# 3129  
Delta R.T. -0.00 min  
Lab File: BG036512.D  
Acq: 31 Aug 2018 19:08

Tgt Ion:228 Resp: 1177751  
Ion Ratio Lower Upper  
228 100  
226 31.5 23.4 35.2  
229 21.7 17.1 25.7

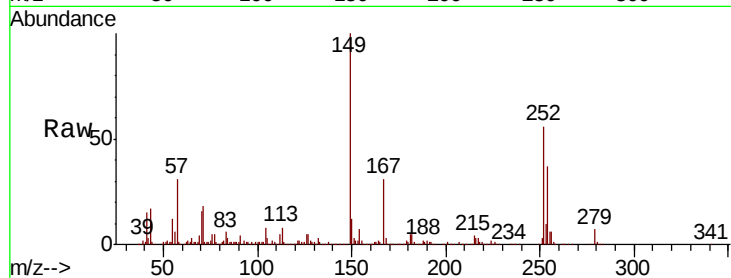




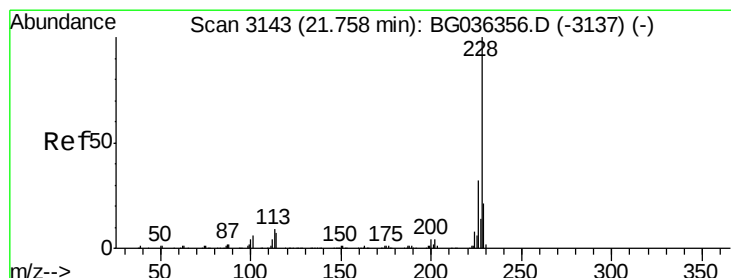
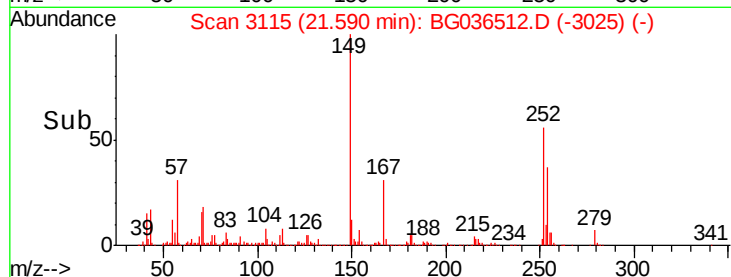
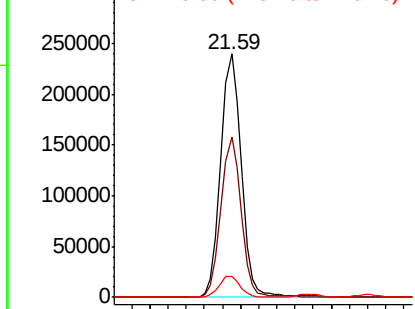
#81  
 3,3'-Dichlorobenzidine  
 Concen: 35.839 ng  
 RT: 21.59 min Scan# 3115  
 Delta R.T. 0.00 min  
 Lab File: BG036512.D  
 Acq: 31 Aug 2018 19:08

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:252 Resp: 380387  
 Ion Ratio Lower Upper  
 252 100  
 254 65.8 51.0 76.4  
 126 8.6 7.4 11.0

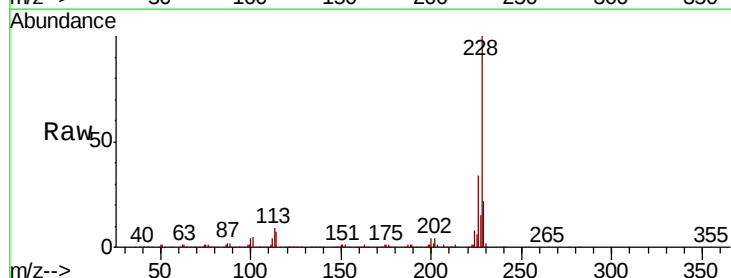


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

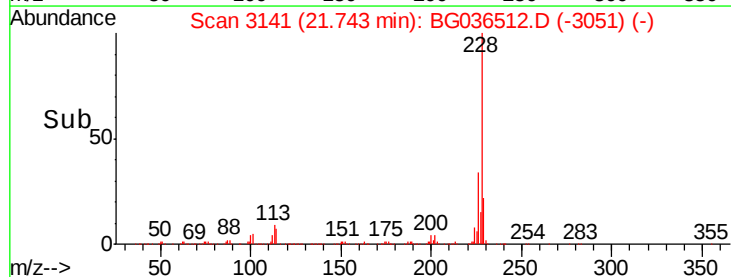
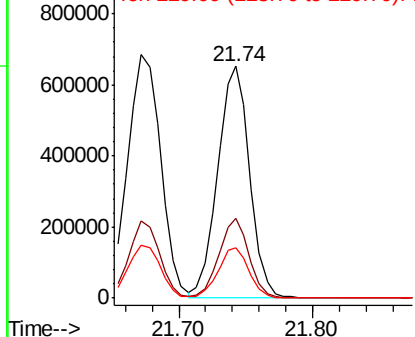


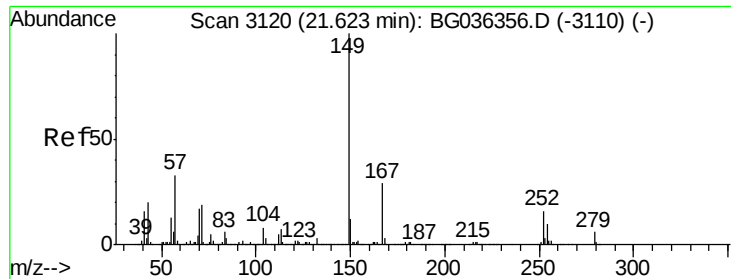
#82  
 Chrysene  
 Concen: 43.141 ng  
 RT: 21.74 min Scan# 3141  
 Delta R.T. 0.00 min  
 Lab File: BG036512.D  
 Acq: 31 Aug 2018 19:08

Tgt Ion:228 Resp: 1089032  
 Ion Ratio Lower Upper  
 228 100  
 226 34.3 25.5 38.3  
 229 21.6 16.9 25.3



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

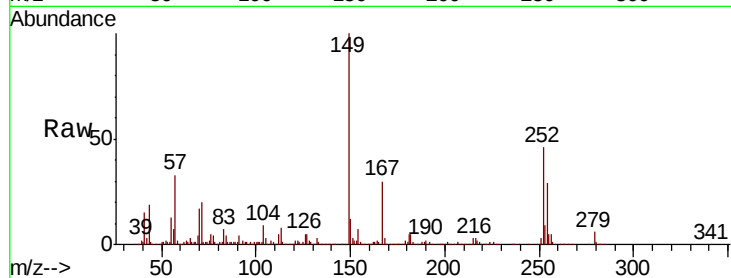




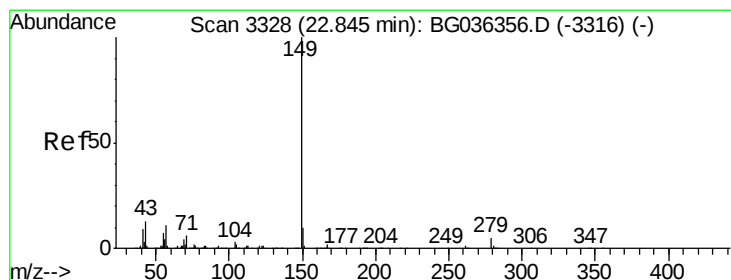
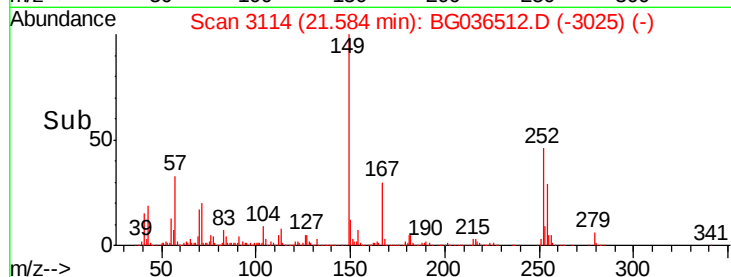
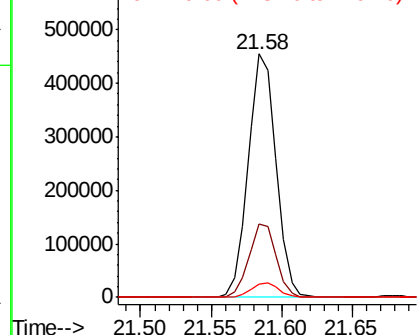
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 41.770 ng  
 RT: 21.58 min Scan# 3114  
 Delta R.T. -0.00 min  
 Lab File: BG036512.D  
 Acq: 31 Aug 2018 19:08

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:149 Resp: 628837  
 Ion Ratio Lower Upper  
 149 100  
 167 29.9 23.4 35.0  
 279 5.7 4.6 7.0

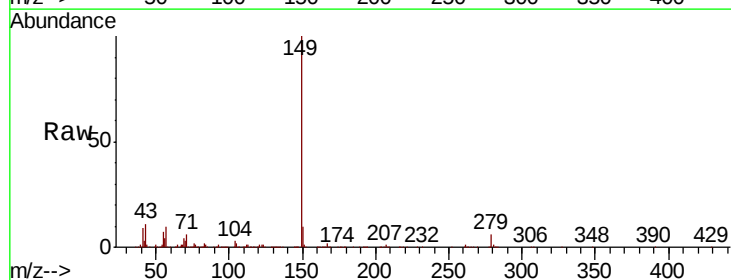


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

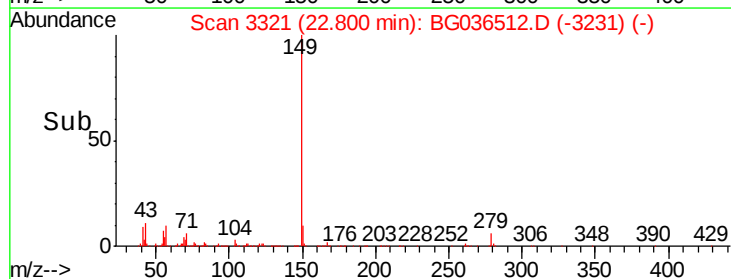
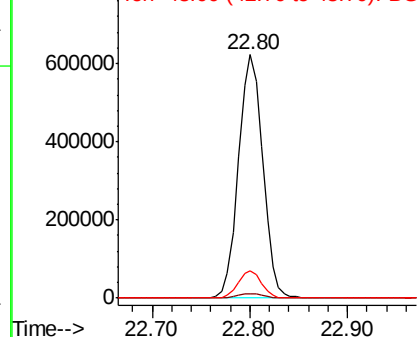


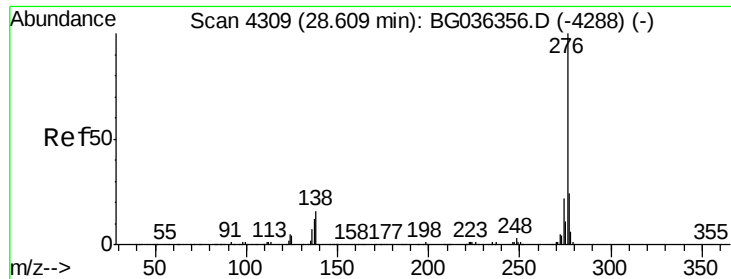
#84  
 Di-n-octyl phthalate  
 Concen: 42.814 ng  
 RT: 22.80 min Scan# 3321  
 Delta R.T. 0.00 min  
 Lab File: BG036512.D  
 Acq: 31 Aug 2018 19:08

Tgt Ion:149 Resp: 1076609  
 Ion Ratio Lower Upper  
 149 100  
 167 1.9 1.3 1.9  
 43 10.9 10.0 15.0



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

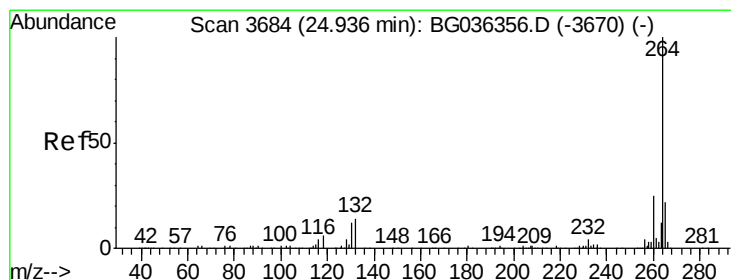
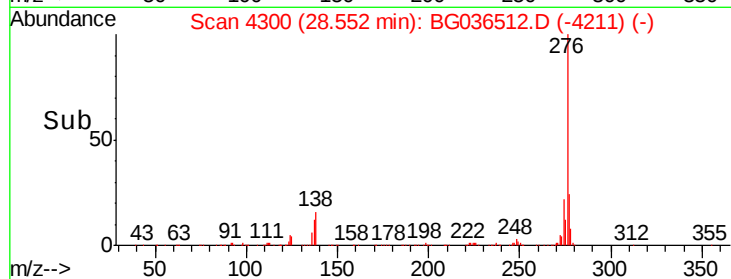
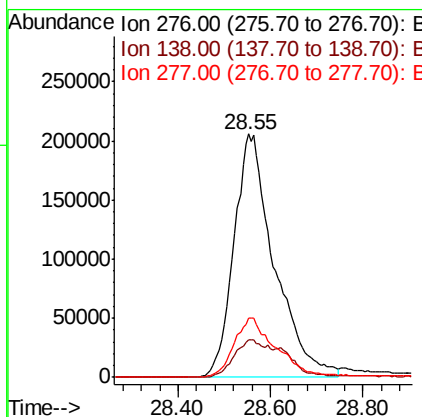
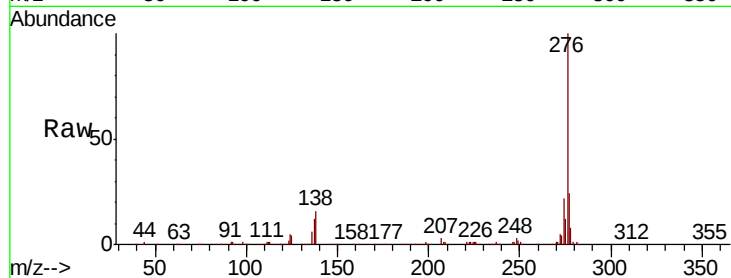




#85  
Indeno(1,2,3-cd)pyrene  
Concen: 42.713 ng  
RT: 28.55 min Scan# 4300  
Delta R.T. -0.00 min  
Lab File: BG036512.D  
Acq: 31 Aug 2018 19:08

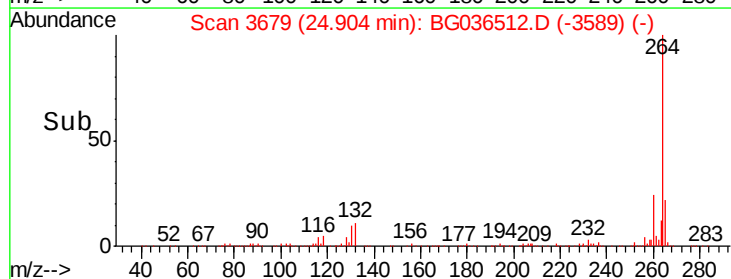
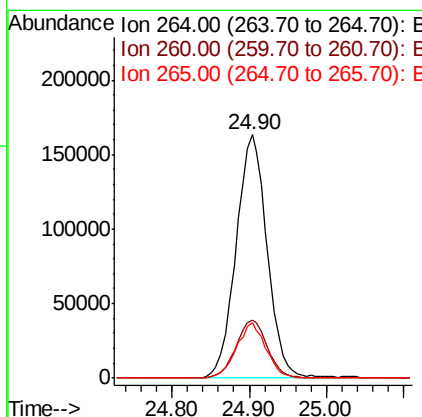
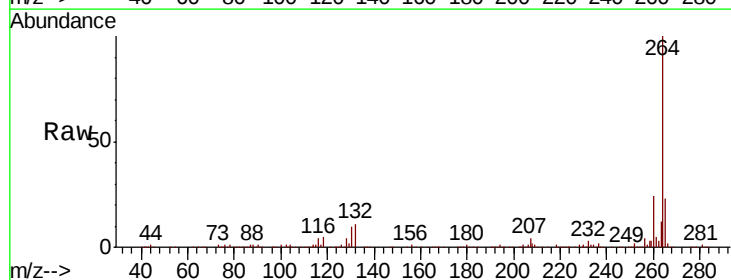
Instrument :  
BNA\_G  
ClientSampled :

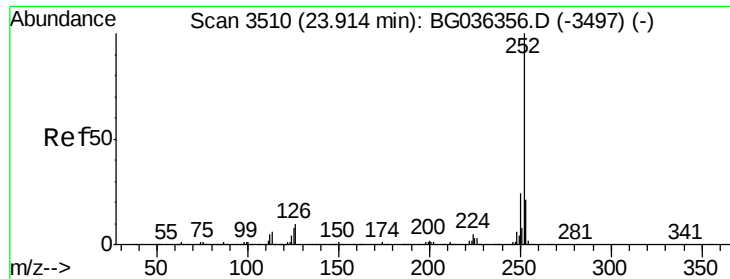
Tot Ion:276 Resp: 1252333  
Ion Ratio Lower Upper  
276 100  
138 13.0 10.6 15.8  
277 25.4 20.6 30.8



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.90 min Scan# 3679  
Delta R.T. 0.00 min  
Lab File: BG036512.D  
Acq: 31 Aug 2018 19:08

Tgt Ion:264 Resp: 460407  
Ion Ratio Lower Upper  
264 100  
260 23.8 19.6 29.4  
265 22.6 17.4 26.0

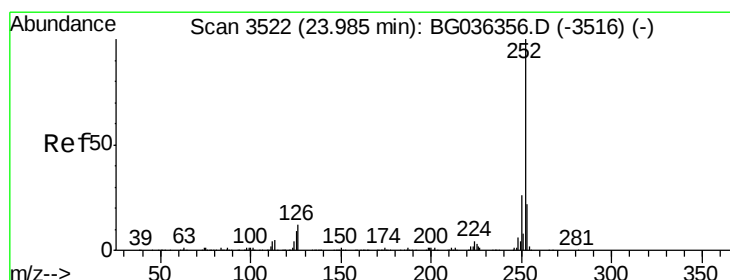
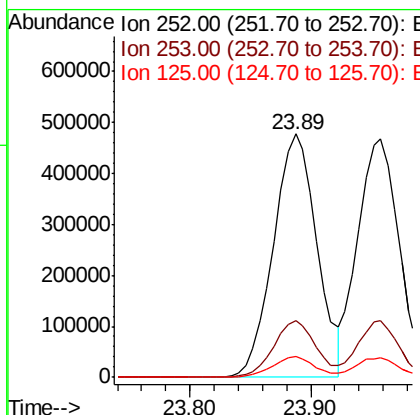
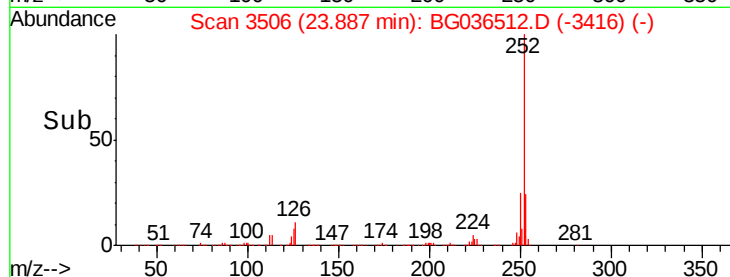
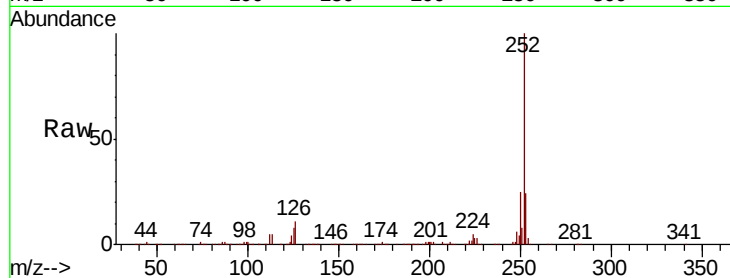




#87  
Benzo(b)fluoranthene  
Concen: 46.739 ng  
RT: 23.89 min Scan# 3506  
Delta R.T. 0.00 min  
Lab File: BG036512.D  
Acq: 31 Aug 2018 19:08

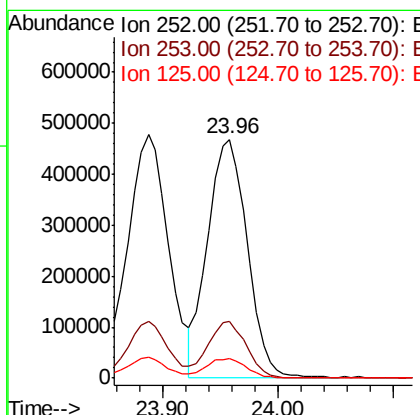
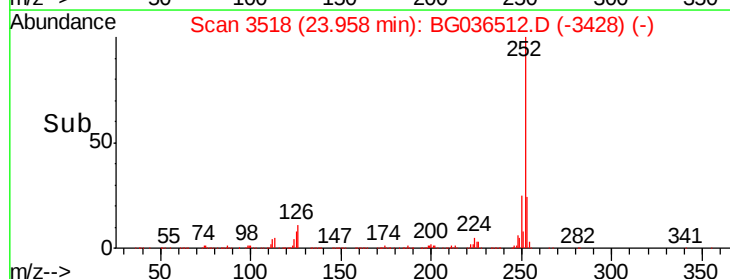
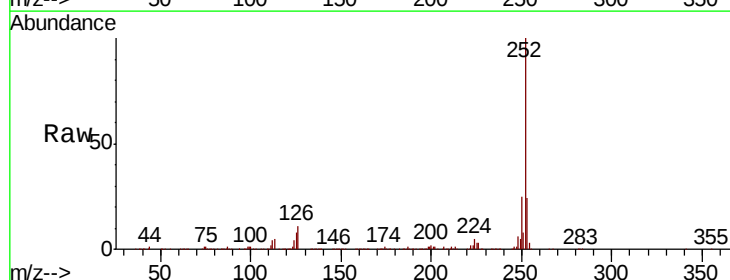
Instrument :  
BNA\_G  
ClientSampleId :

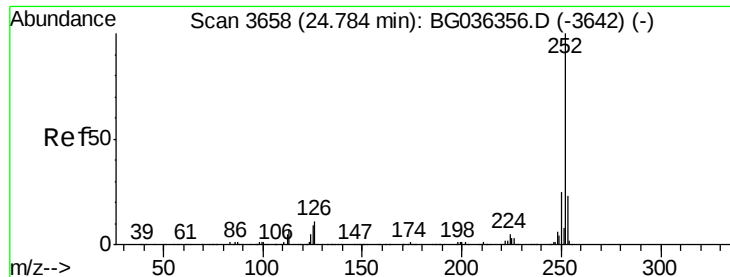
Tot Ion:252 Resp: 1194944  
Ion Ratio Lower Upper  
252 100  
253 23.5 17.1 25.7  
125 8.5 6.6 10.0



#88  
Benzo(k)fluoranthene  
Concen: 44.519 ng  
RT: 23.96 min Scan# 3518  
Delta R.T. 0.00 min  
Lab File: BG036512.D  
Acq: 31 Aug 2018 19:08

Tgt Ion:252 Resp: 1111951  
Ion Ratio Lower Upper  
252 100  
253 23.5 18.0 27.0  
125 8.0 7.0 10.6





#89

Benzo(a)pyrene

Concen: 46.320 ng

RT: 24.76 min Scan# 3654

Delta R.T. 0.00 min

Lab File: BG036512.D

Acq: 31 Aug 2018 19:08

Instrument :

BNA\_G

ClientSampleId :

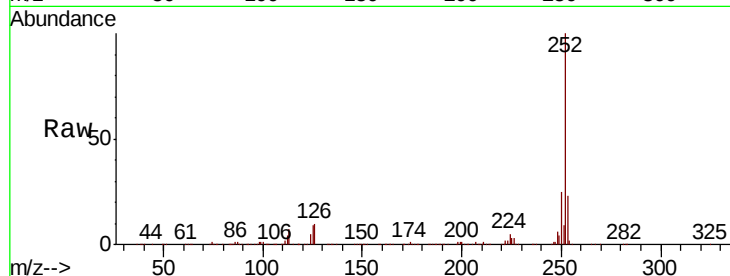
Tot Ion:252 Resp: 1137961

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

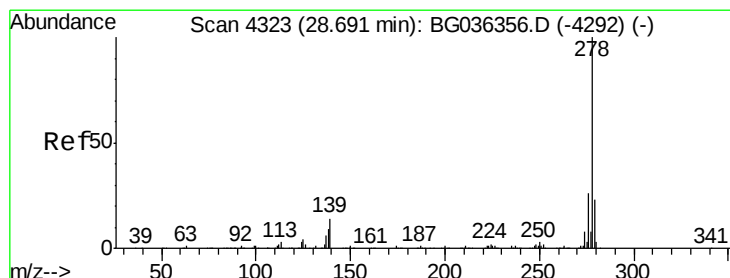
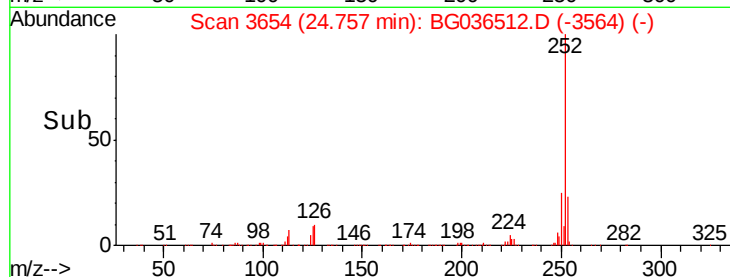
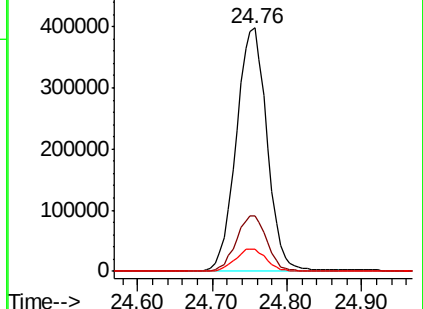
125 8.9 7.3 10.9



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

Dibenzo(a,h)anthracene

Concen: 43.222 ng

RT: 28.62 min Scan# 4312

Delta R.T. -0.00 min

Lab File: BG036512.D

Acq: 31 Aug 2018 19:08

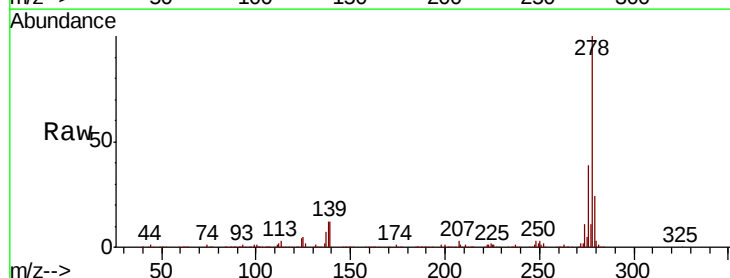
Tgt Ion:278 Resp: 1025116

Ion Ratio Lower Upper

278 100

139 12.5 11.0 16.4

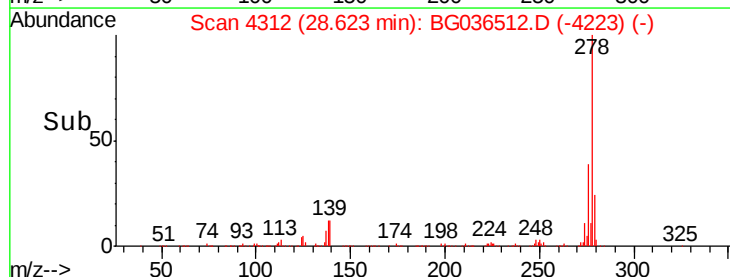
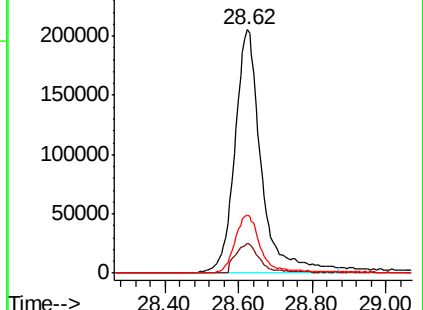
279 23.8 18.7 28.1

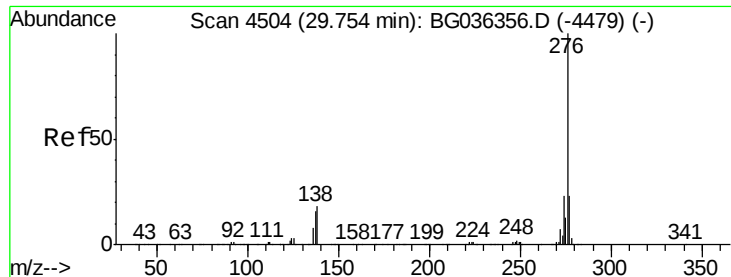


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 43.593 ng

RT: 29.70 min Scan# 4495

Delta R.T. 0.00 min

Lab File: BG036512.D

Acq: 31 Aug 2018 19:08

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:276 Resp: 1039003

Ion Ratio Lower Upper

276 100

277 23.3 18.4 27.6

138 15.6 14.6 22.0

