

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110918\  
 Data File : BG037935.D  
 Acq On : 10 Nov 2018 00:30  
 Operator : JU/SJ  
 Sample : J5863-03MS  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 RT-3263MS

Quant Time: Nov 12 06:11:47 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 18 14:06:42 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.10  | 152  | 50529    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.92 | 136  | 224240   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 14.73 | 164  | 144895   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10      | 17.47 | 188  | 329840   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 21.76 | 240  | 294250   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 25.09 | 264  | 296336   | 20.00 | ng    | -0.02    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.64  | 112  | 350998   | 116.13 | ng    | 0.00     |
| 7) Phenol-d6                | 7.25  | 99   | 471868   | 103.25 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.27  | 82   | 324627   | 81.10  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 16.22 | 330  | 194533   | 123.09 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.35 | 172  | 737901   | 76.79  | ng    | -0.02    |
| 79) Terphenyl-d14           | 20.08 | 244  | 1133946  | 82.34  | ng    | -0.01    |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.54  | 88   | 48823    | 31.854 | ng    | # 12   |
| 3) Pyridine                    | 3.94  | 79   | 145808   | 37.744 | ng    | 99     |
| 4) n-Nitrosodimethylamine      | 3.85  | 42   | 69181    | 50.278 | ng    | 90     |
| 6) Aniline                     | 7.42  | 93   | 97729    | 17.529 | ng    | 97     |
| 8) 2-Chlorophenol              | 7.66  | 128  | 170133   | 48.119 | ng    | 97     |
| 9) Benzaldehyde                | 7.23  | 77   | 83566    | 29.231 | ng    | 95     |
| 10) Phenol                     | 7.27  | 94   | 197662   | 40.992 | ng    | 100    |
| 11) bis(2-Chloroethyl)ether    | 7.52  | 93   | 163428   | 44.624 | ng    | 96     |
| 12) 1,3-Dichlorobenzene        | 7.98  | 146  | 178824   | 45.431 | ng    | 99     |
| 13) 1,4-Dichlorobenzene        | 8.13  | 146  | 179528   | 44.589 | ng    | 98     |
| 14) 1,2-Dichlorobenzene        | 8.45  | 146  | 170771   | 44.092 | ng    | 98     |
| 15) Benzyl Alcohol             | 8.34  | 79   | 147469   | 43.670 | ng    | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.61  | 45   | 304650   | 46.491 | ng    | 98     |
| 17) 2-Methylphenol             | 8.53  | 107  | 151071   | 47.389 | ng    | 99     |
| 18) Hexachloroethane           | 9.18  | 117  | 64921    | 47.296 | ng    | 97     |
| 19) n-Nitroso-di-n-propylamine | 8.90  | 70   | 135097   | 42.928 | ng    | 95     |
| 20) 3+4-Methylphenols          | 8.85  | 107  | 213535   | 46.850 | ng    | 99     |
| 22) Acetophenone               | 8.93  | 105  | 255420   | 45.417 | ng    | # 98   |
| 24) Nitrobenzene               | 9.31  | 77   | 199963   | 48.086 | ng    | 94     |
| 25) Isophorone                 | 9.83  | 82   | 392362   | 53.645 | ng    | 97     |
| 26) 2-Nitrophenol              | 10.02 | 139  | 100697   | 53.752 | ng    | 99     |
| 27) 2,4-Dimethylphenol         | 10.07 | 122  | 179504   | 53.666 | ng    | 95     |
| 28) bis(2-Chloroethoxy)methane | 10.31 | 93   | 237445   | 49.550 | ng    | 97     |
| 29) 2,4-Dichlorophenol         | 10.55 | 162  | 187295   | 50.292 | ng    | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.77 | 180  | 190319   | 46.993 | ng    | 99     |
| 31) Naphthalene                | 10.96 | 128  | 561716   | 51.000 | ng    | 99     |
| 32) Benzoic acid               | 10.19 | 122  | 71231    | 32.788 | ng    | 99     |
| 33) 4-Chloroaniline            | 11.08 | 127  | 24764    | 4.785  | ng    | 96     |
| 34) Hexachlorobutadiene        | 11.23 | 225  | 110000   | 45.828 | ng    | 98     |
| 35) Caprolactam                | 11.86 | 113  | 42586    | 28.512 | ng    | 91     |
| 36) 4-Chloro-3-methylphenol    | 12.18 | 107  | 207517   | 49.409 | ng    | 98     |
| 37) 2-Methylnaphthalene        | 12.56 | 142  | 424837   | 52.914 | ng    | 99     |
| 38) 1-Methylnaphthalene        | 12.78 | 142  | 403923   | 51.804 | ng    | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.93 | 216  | 222164   | 47.535 | ng    | 99     |

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 Sample : J5863-03MS  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

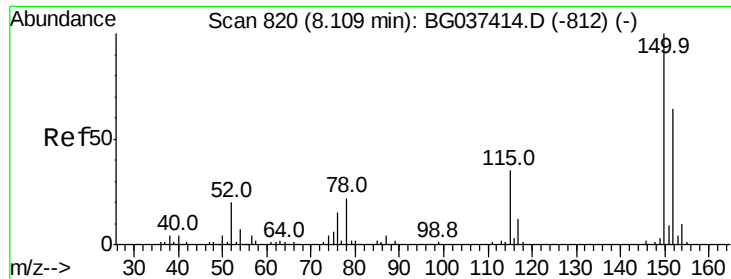
Instrument :  
 BNA\_G  
 ClientSampleId :  
 RT-3263MS

Quant Time: Nov 12 06:11:47 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 18 14:06:42 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.89 | 237  | 245328   | 109.890 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.16 | 196  | 159632   | 51.125  | ng    | 97       |
| 44) 2,4,5-Trichlorophenol      | 13.23 | 196  | 170671   | 50.204  | ng    | 96       |
| 46) 1,1'-Biphenyl              | 13.56 | 154  | 549060   | 45.756  | ng    | 98       |
| 47) 2-Chloronaphthalene        | 13.61 | 162  | 439396   | 48.400  | ng    | 98       |
| 48) 2-Nitroaniline             | 13.82 | 65   | 144589   | 52.520  | ng    | 95       |
| 49) Acenaphthylene             | 14.45 | 152  | 714159   | 52.295  | ng    | 99       |
| 50) Dimethylphthalate          | 14.18 | 163  | 558304   | 49.807  | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.31 | 165  | 128387   | 51.775  | ng    | 96       |
| 52) Acenaphthene               | 14.79 | 154  | 417848   | 49.682  | ng    | 98       |
| 53) 3-Nitroaniline             | 14.64 | 138  | 70477    | 25.602  | ng    | # 98     |
| 54) 2,4-Dinitrophenol          | 14.84 | 184  | 48419    | 55.484  | ng    | 90       |
| 55) Dibenzofuran               | 15.12 | 168  | 671566   | 48.194  | ng    | 98       |
| 56) 4-Nitrophenol              | 14.94 | 139  | 208629   | 102.387 | ng    | 99       |
| 57) 2,4-Dinitrotoluene         | 15.09 | 165  | 179302   | 55.084  | ng    | 95       |
| 58) Fluorene                   | 15.78 | 166  | 538293   | 51.585  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.35 | 232  | 146260   | 50.249  | ng    | 99       |
| 60) Diethylphthalate           | 15.54 | 149  | 573697   | 49.852  | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.76 | 204  | 281186   | 46.231  | ng    | 99       |
| 62) 4-Nitroaniline             | 15.81 | 138  | 129763   | 47.438  | ng    | 92       |
| 63) Azobenzene                 | 16.06 | 77   | 535725   | 48.791  | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.85 | 198  | 58812    | 36.464  | ng    | 97       |
| 66) n-Nitrosodiphenylamine     | 15.98 | 169  | 486874   | 49.072  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.66 | 248  | 178562   | 49.297  | ng    | 99       |
| 68) Hexachlorobenzene          | 16.77 | 284  | 178581   | 47.570  | ng    | 98       |
| 69) Atrazine                   | 16.92 | 200  | 179254   | 49.971  | ng    | 99       |
| 70) Pentachlorophenol          | 17.12 | 266  | 160394   | 63.785  | ng    | 94       |
| 71) Phenanthrene               | 17.52 | 178  | 864074   | 51.545  | ng    | 99       |
| 72) Anthracene                 | 17.61 | 178  | 880535   | 53.525  | ng    | 99       |
| 73) Carbazole                  | 17.89 | 167  | 785717   | 47.747  | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.41 | 149  | 949073   | 51.846  | ng    | 100      |
| 75) Fluoranthene               | 19.52 | 202  | 991346   | 52.141  | ng    | 99       |
| 77) Benzidine                  | 19.71 | 184  | 108688   | 10.863  | ng    | 100      |
| 78) Pyrene                     | 19.89 | 202  | 995987   | 51.778  | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.76 | 149  | 433325   | 55.044  | ng    | 94       |
| 81) Benzo(a)anthracene         | 21.74 | 228  | 923954   | 53.087  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.66 | 252  | 152005   | 22.532  | ng    | 99       |
| 83) Chrysene                   | 21.81 | 228  | 866664   | 51.785  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.61 | 149  | 606351   | 54.949  | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.85 | 149  | 1027704  | 57.114  | ng    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.91 | 276  | 758818   | 42.274  | ng    | # 90     |
| 88) Benzo(b)fluoranthene       | 24.03 | 252  | 874480   | 53.827  | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 24.10 | 252  | 901269   | 56.623  | ng    | 97       |
| 90) Benzo(a)pyrene             | 24.94 | 252  | 832970   | 53.957  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.97 | 278  | 586336   | 41.175  | ng    | 97       |
| 92) Benzo(g,h,i)perylene       | 30.11 | 276  | 646412   | 44.869  | ng    | 99       |

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



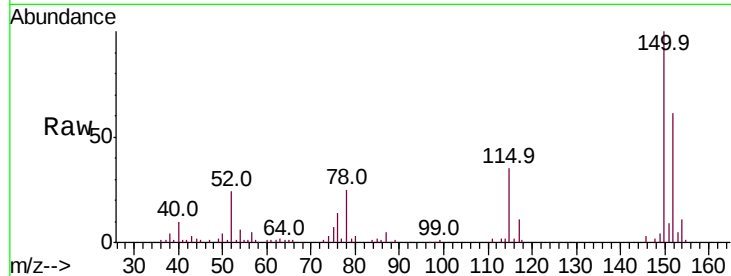


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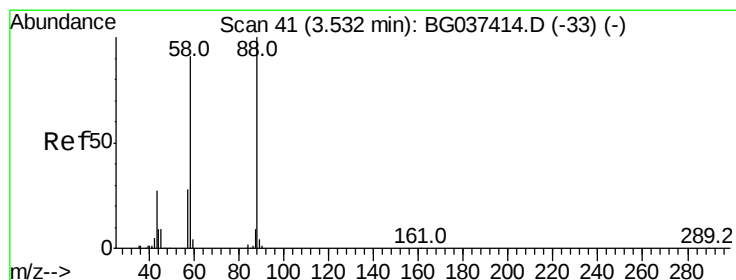
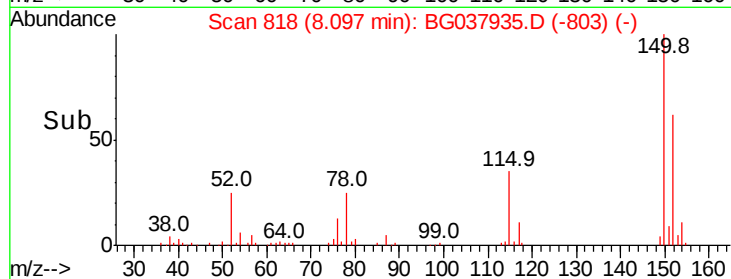
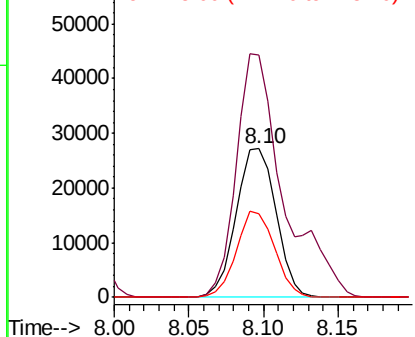
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.10 min Scan# 818  
Delta R.T. -0.01 min  
Lab File: BG037935.D  
Acq: 10 Nov 2018 00:30

Instrument :  
BNA\_G  
ClientSampleId :  
RT-3263MS

Tot Ion:152 Resp: 50529  
Ion Ratio Lower Upper  
152 100  
150 162.8 126.0 189.0  
115 56.5 45.5 68.3



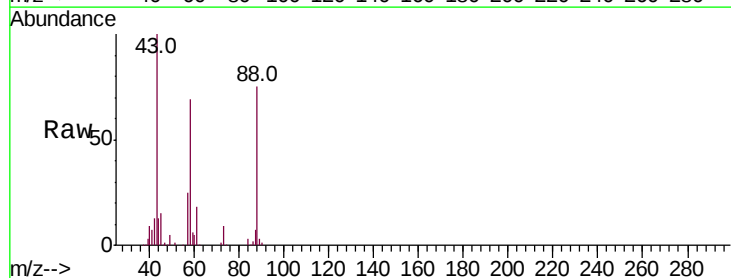
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



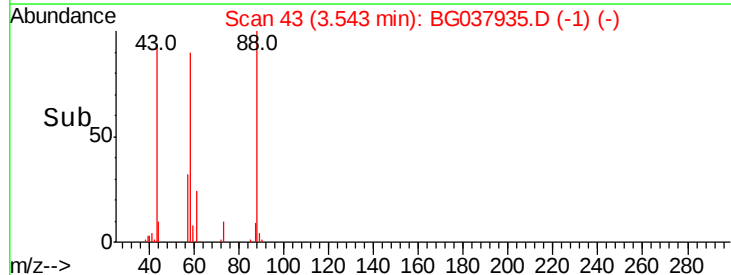
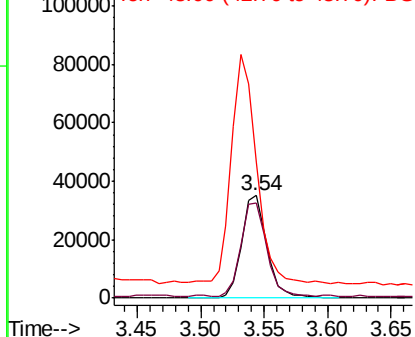
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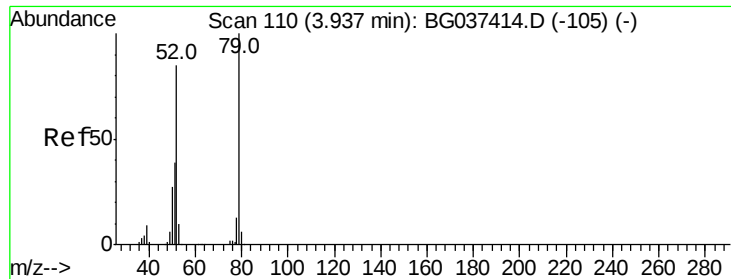
1,4-Dioxane  
Concen: 31.854 ng  
RT: 3.54 min Scan# 43  
Delta R.T. 0.01 min  
Lab File: BG037935.D  
Acq: 10 Nov 2018 00:30

Tgt Ion: 88 Resp: 48823  
Ion Ratio Lower Upper  
88 100  
58 91.3 74.4 111.6  
43 221.5 25.8 38.8#



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: 37.744 ng

RT: 3.94 min Scan# 111

Delta R.T. 0.01 min

Lab File: BG037935.D

Acq: 10 Nov 2018 00:30

Instrument :

BNA\_G

ClientSampleId :

RT-3263MS

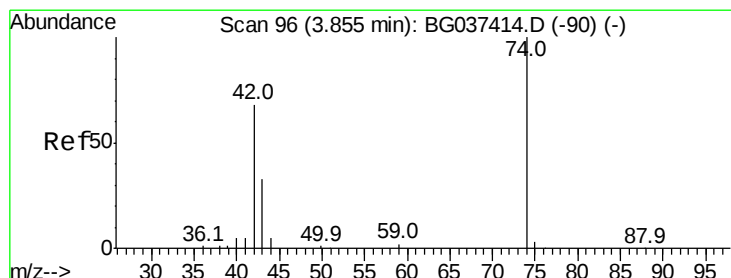
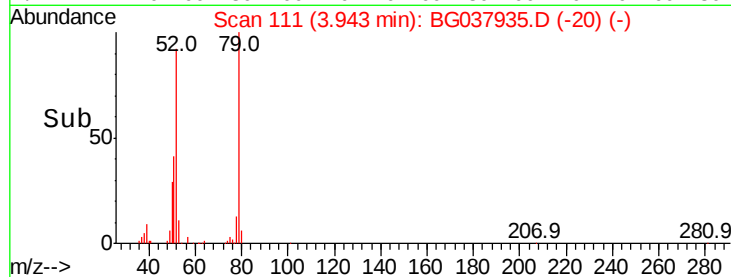
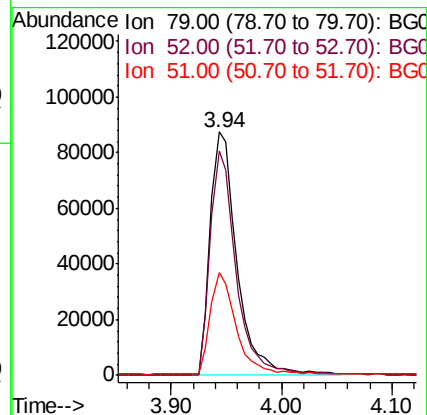
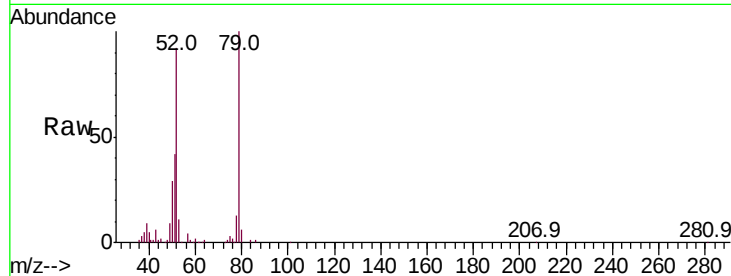
Tot Ion: 79 Resp: 145808

Ion Ratio Lower Upper

79 100

52 92.2 74.2 111.2

51 42.0 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 50.278 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.00 min

Lab File: BG037935.D

Acq: 10 Nov 2018 00:30

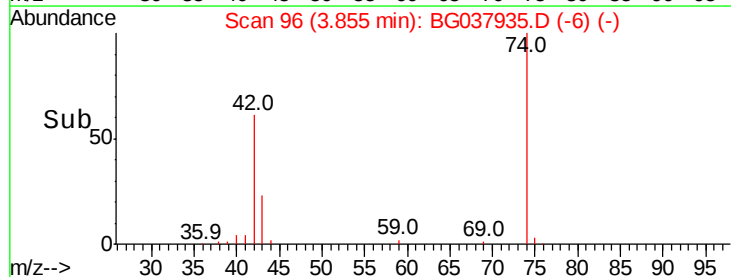
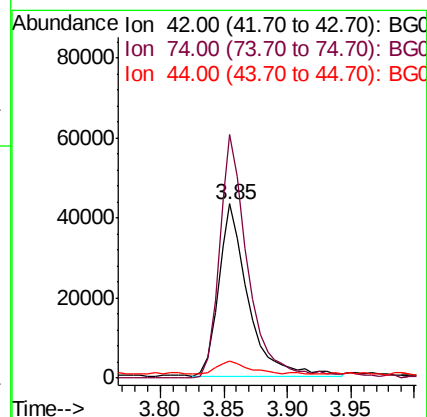
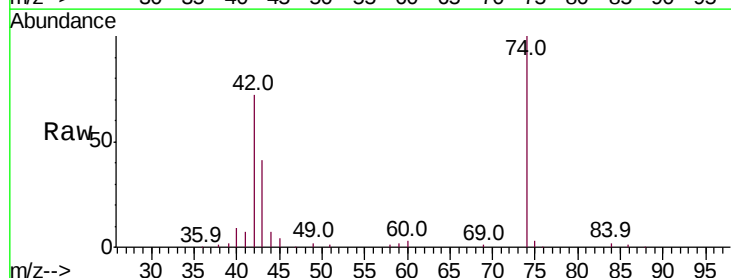
Tgt Ion: 42 Resp: 69181

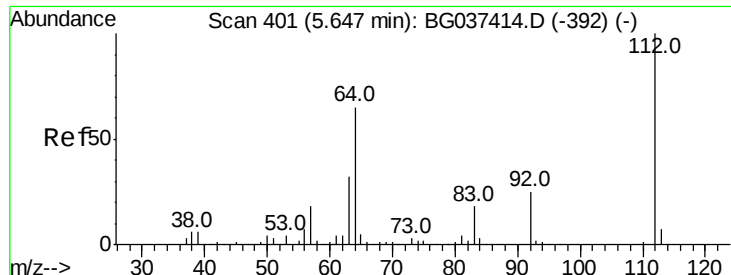
Ion Ratio Lower Upper

42 100

74 139.8 102.0 153.0

44 9.7 9.6 14.4





#5

2-Fluorophenol

Concen: 116.135 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG037935.D

Acq: 10 Nov 2018 00:30

Instrument :

BNA\_G

ClientSampled :

RT-3263MS

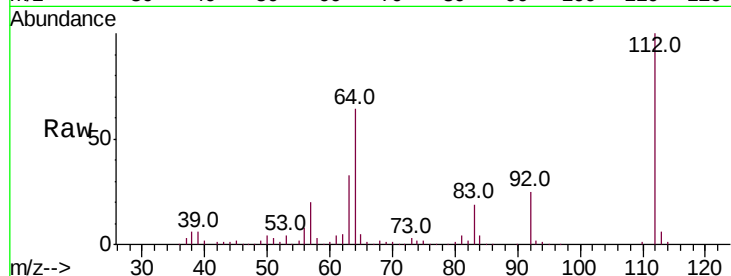
Tot Ion:112 Resp: 350998

Ion Ratio Lower Upper

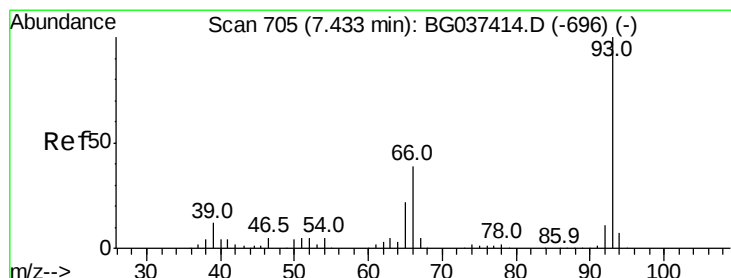
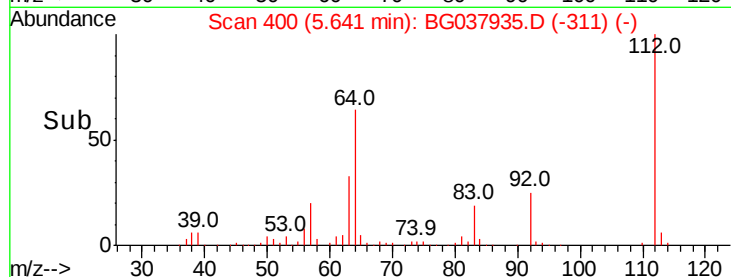
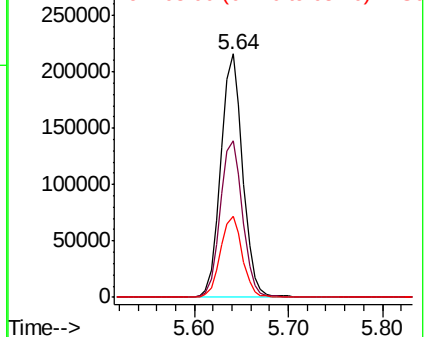
112 100

64 64.1 53.1 79.7

63 33.3 27.3 40.9



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



#6

Aniline

Concen: 17.529 ng

RT: 7.42 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG037935.D

Acq: 10 Nov 2018 00:30

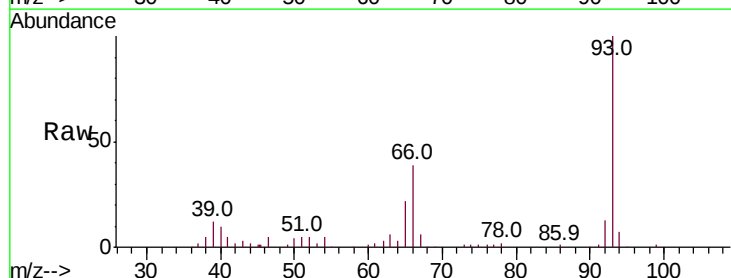
Tgt Ion: 93 Resp: 97729

Ion Ratio Lower Upper

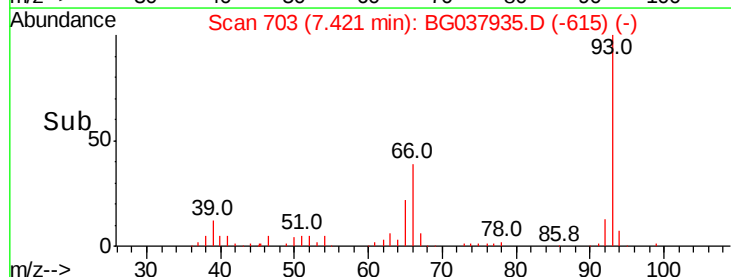
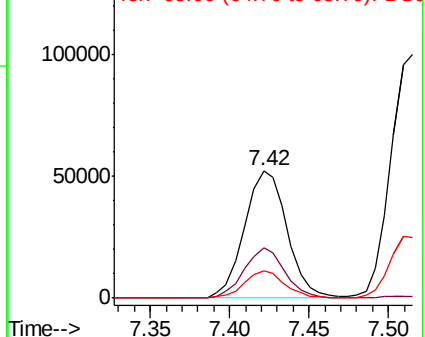
93 100

66 39.1 32.8 49.2

65 21.9 16.4 24.6



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





#7

Phenol-d6

Concen: 103.250 ng

RT: 7.25 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037935.D

Acq: 10 Nov 2018 00:30

Instrument :

BNA\_G

ClientSampleId :

RT-3263MS

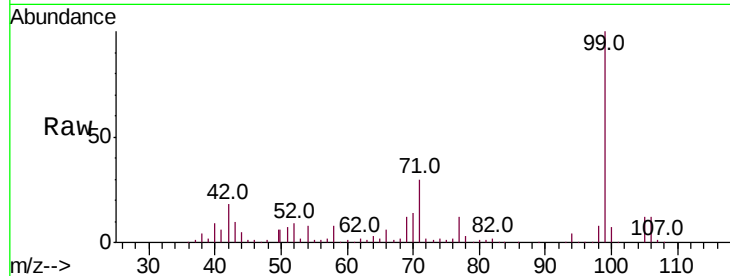
Tot Ion: 99 Resp: 471868

Ion Ratio Lower Upper

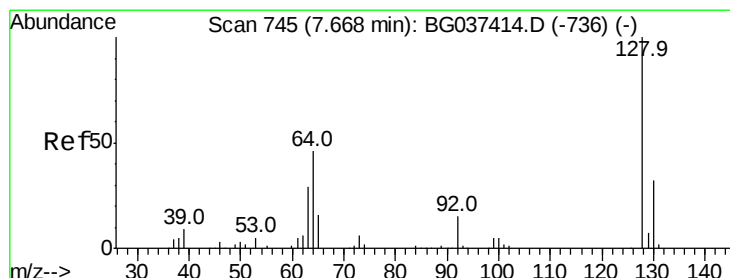
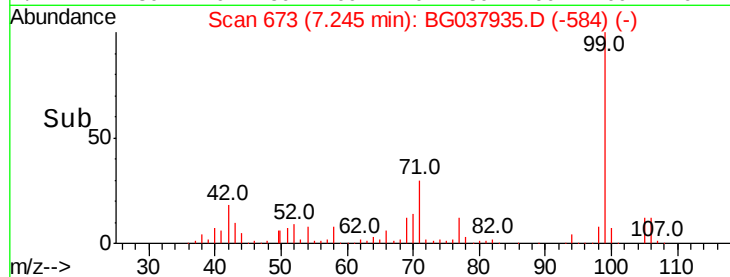
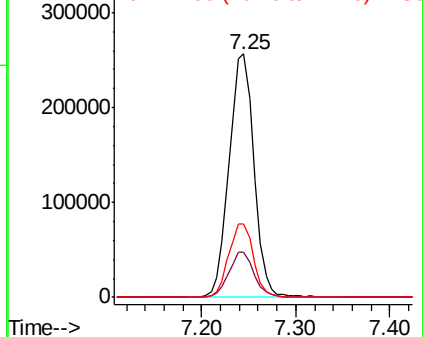
99 100

42 18.4 15.0 22.4

71 30.0 25.5 38.3



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: 48.119 ng

RT: 7.66 min Scan# 743

Delta R.T. -0.01 min

Lab File: BG037935.D

Acq: 10 Nov 2018 00:30

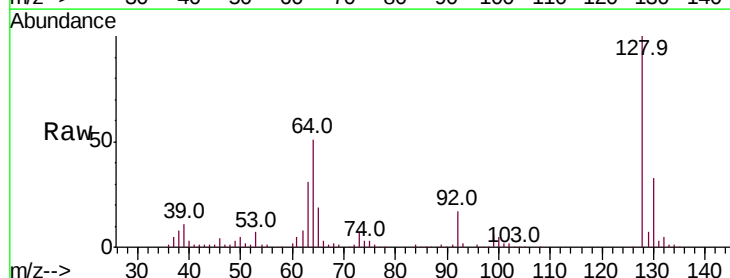
Tgt Ion: 128 Resp: 170133

Ion Ratio Lower Upper

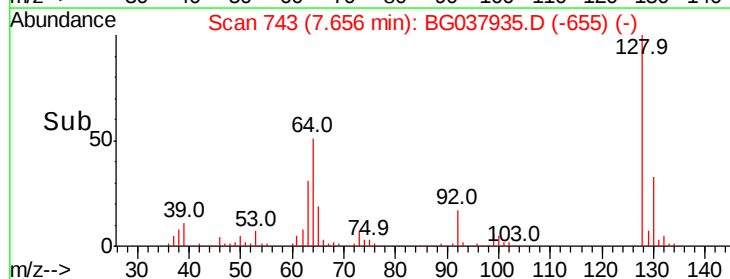
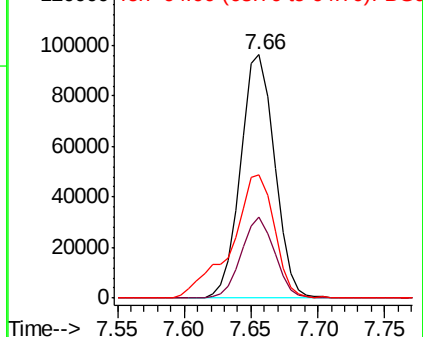
128 100

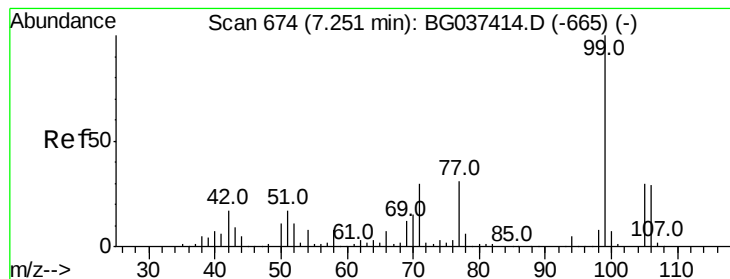
130 33.4 12.0 52.0

64 50.6 32.9 72.9



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: 29.231 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.02 min

Lab File: BG037935.D

Acq: 10 Nov 2018 00:30

Instrument :

BNA\_G

ClientSampleId :

RT-3263MS

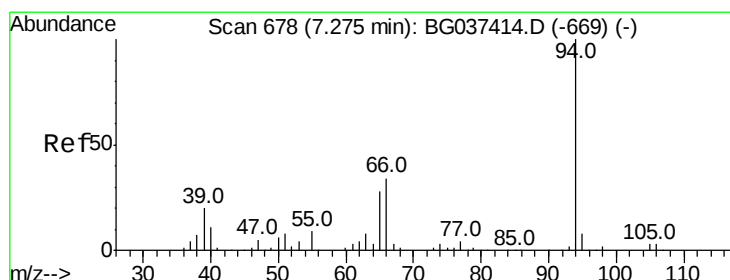
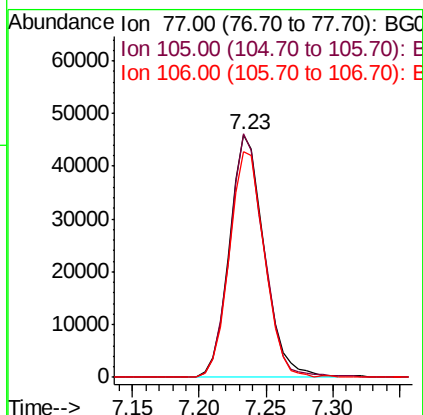
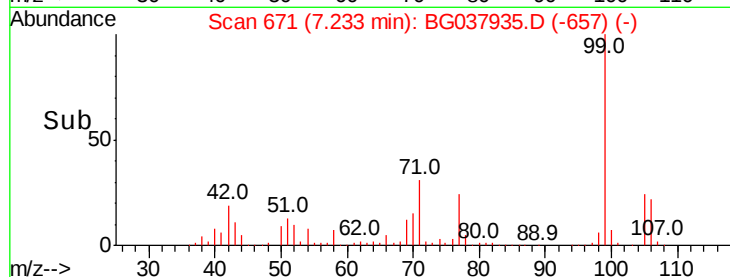
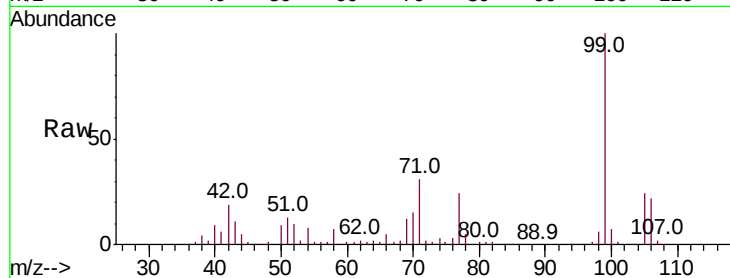
Tot Ion: 77 Resp: 83566

Ion Ratio Lower Upper

77 100

105 100.3 72.6 112.6

106 92.8 71.3 111.3



#10

Phenol

Concen: 40.992 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037935.D

Acq: 10 Nov 2018 00:30

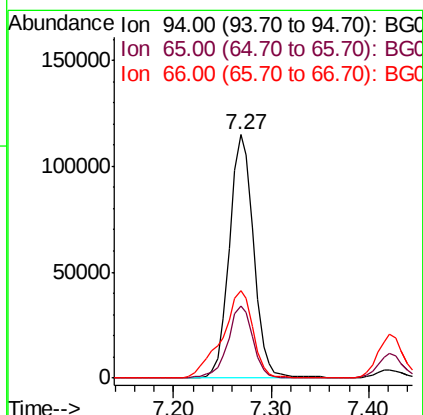
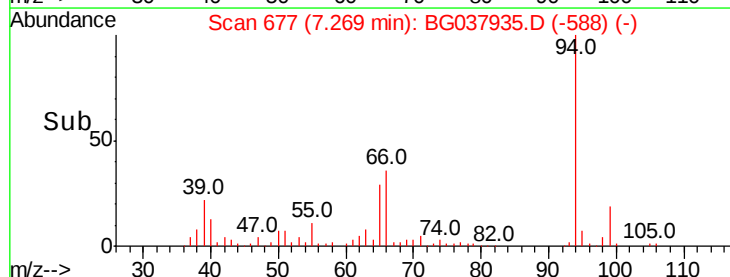
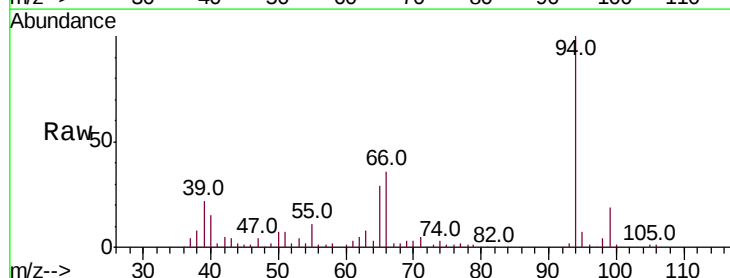
Tgt Ion: 94 Resp: 197662

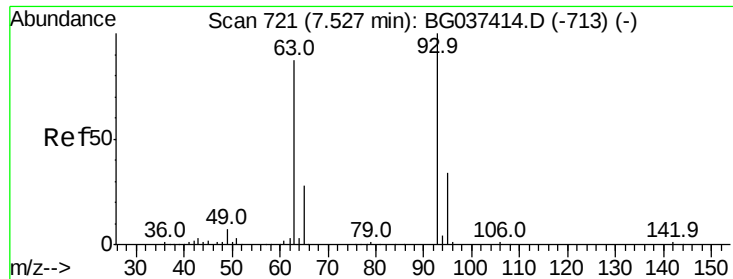
Ion Ratio Lower Upper

94 100

65 29.4 9.7 49.7

66 36.1 15.9 55.9

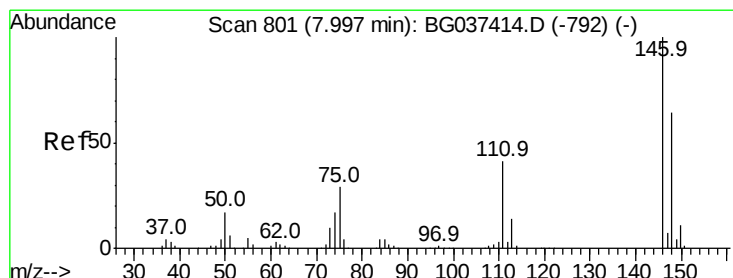
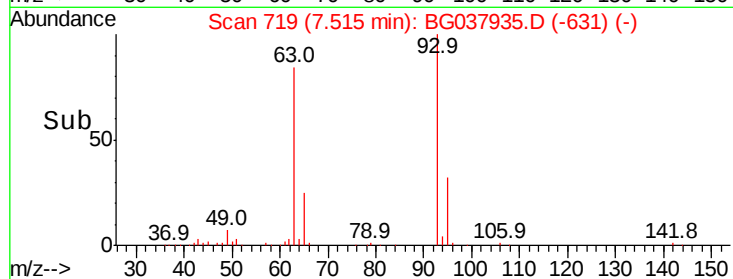
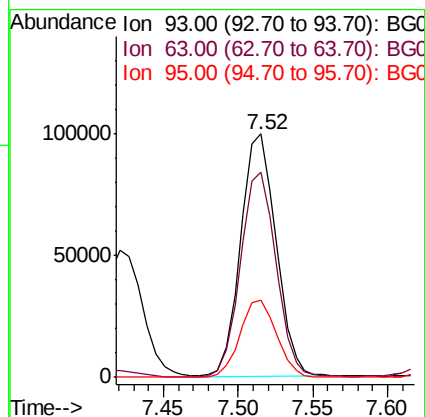
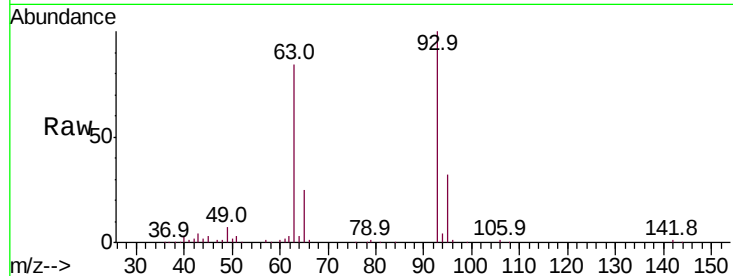




#11  
 bis(2-Chloroethyl)ether  
 Concen: 44.624 ng  
 RT: 7.52 min Scan# 719  
 Delta R.T. -0.01 min  
 Lab File: BG037935.D  
 Acq: 10 Nov 2018 00:30

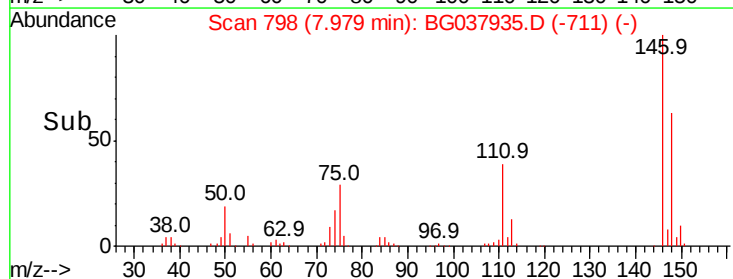
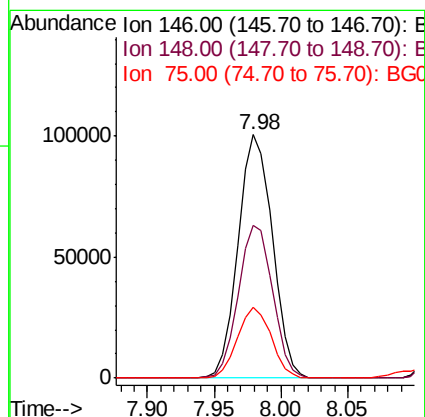
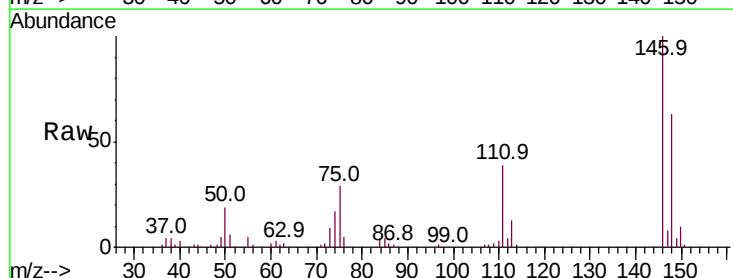
Instrument :  
 BNA\_G  
 ClientSampleId :  
 RT-3263MS

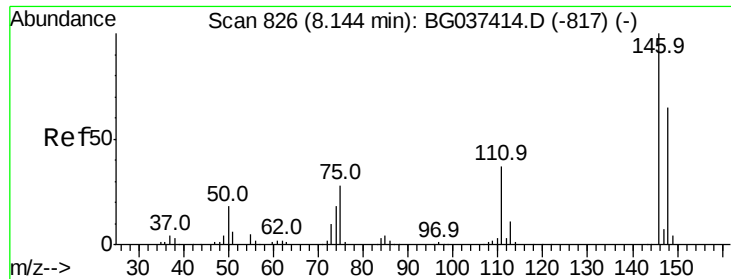
Tot Ion: 93 Resp: 163428  
 Ion Ratio Lower Upper  
 93 100  
 63 84.5 69.5 109.5  
 95 32.0 12.6 52.6



#12  
 1,3-Dichlorobenzene  
 Concen: 45.431 ng  
 RT: 7.98 min Scan# 798  
 Delta R.T. -0.02 min  
 Lab File: BG037935.D  
 Acq: 10 Nov 2018 00:30

Tgt Ion: 146 Resp: 178824  
 Ion Ratio Lower Upper  
 146 100  
 148 63.0 49.8 74.8  
 75 28.9 23.2 34.8

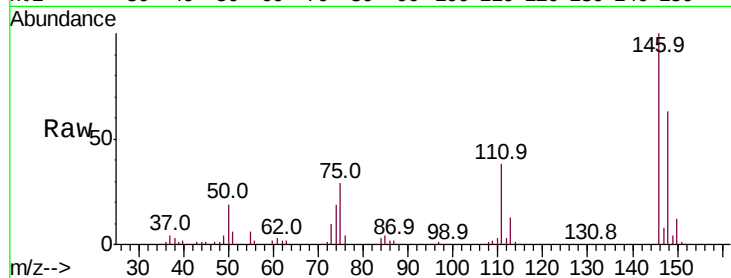




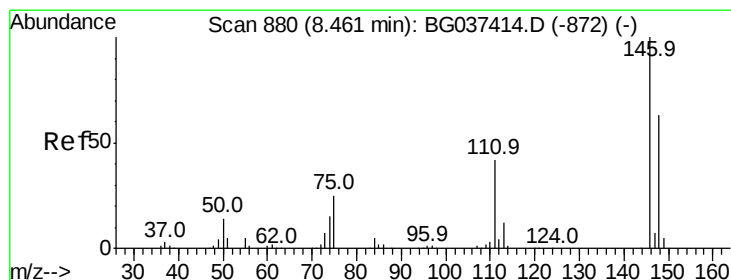
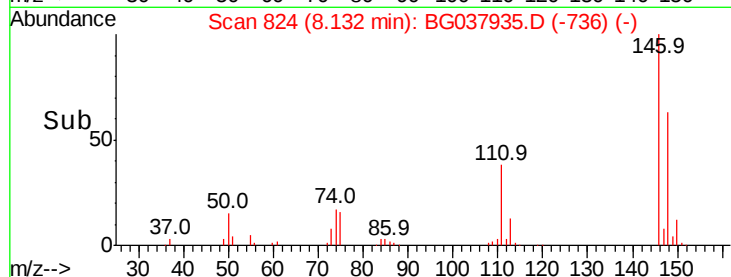
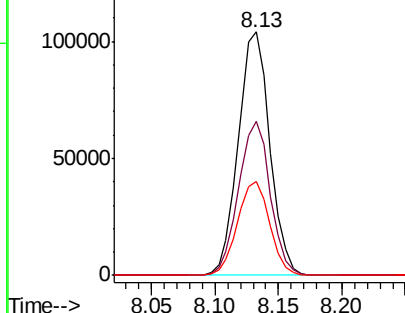
#13  
 1,4-Dichlorobenzene  
 Concen: 44.589 ng  
 RT: 8.13 min Scan# 824  
 Delta R.T. -0.01 min  
 Lab File: BG037935.D  
 Acq: 10 Nov 2018 00:30

Instrument :  
 BNA\_G  
 ClientSampled :  
 RT-3263MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.0  | 51.0  | 76.6  |
| 111     | 38.3  | 32.4  | 48.6  |

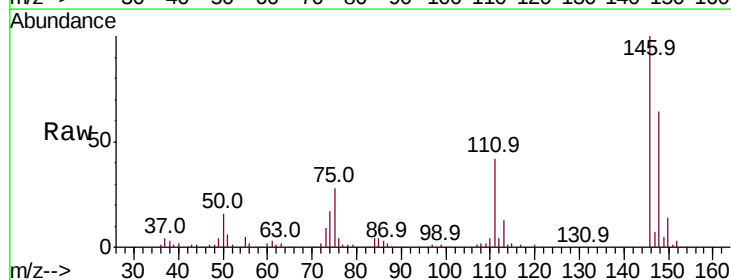


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

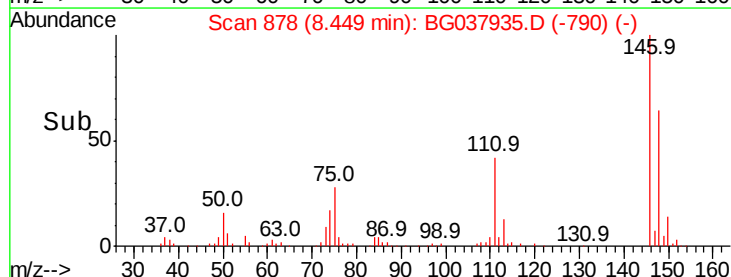
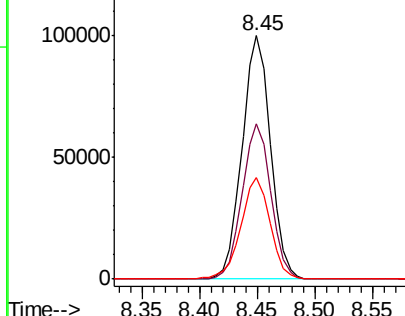


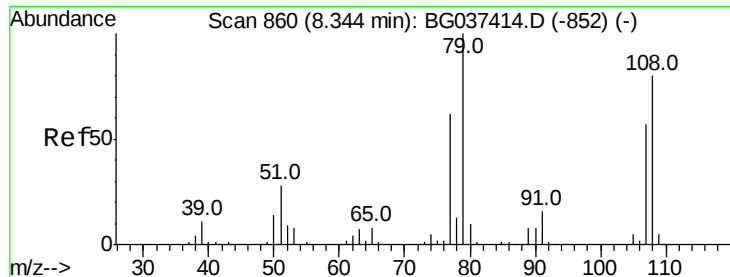
#14  
 1,2-Dichlorobenzene  
 Concen: 44.092 ng  
 RT: 8.45 min Scan# 878  
 Delta R.T. -0.01 min  
 Lab File: BG037935.D  
 Acq: 10 Nov 2018 00:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.9  | 50.4  | 75.6  |
| 111     | 41.8  | 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: 43.670 ng

RT: 8.34 min Scan# 859

Delta R.T. -0.01 min

Lab File: BG037935.D

Acq: 10 Nov 2018 00:30

Instrument :

BNA\_G

ClientSampleId :

RT-3263MS

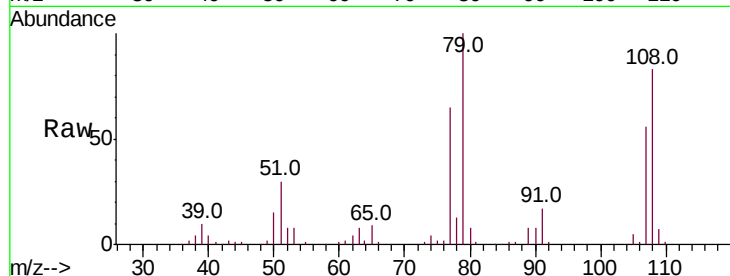
Tot Ion: 79 Resp: 147469

Ion Ratio Lower Upper

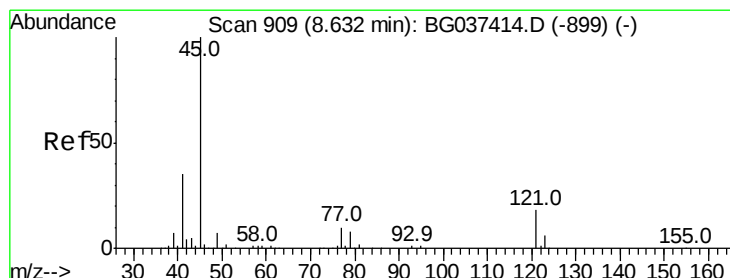
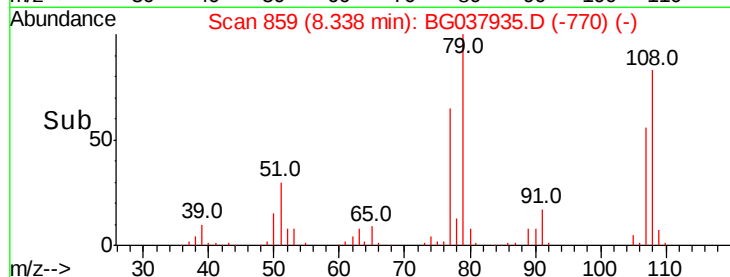
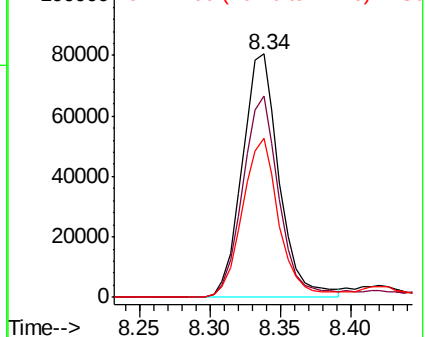
79 100

108 82.5 65.8 98.8

77 65.3 52.9 79.3



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: 46.491 ng

RT: 8.61 min Scan# 906

Delta R.T. -0.02 min

Lab File: BG037935.D

Acq: 10 Nov 2018 00:30

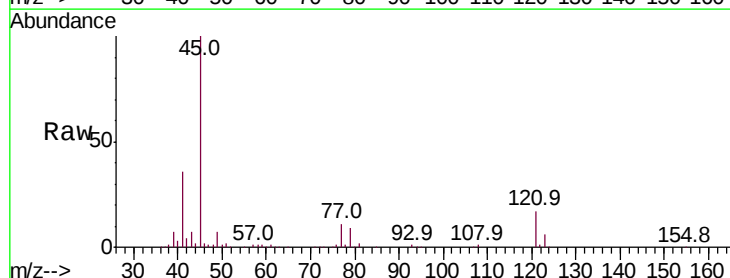
Tgt Ion: 45 Resp: 304650

Ion Ratio Lower Upper

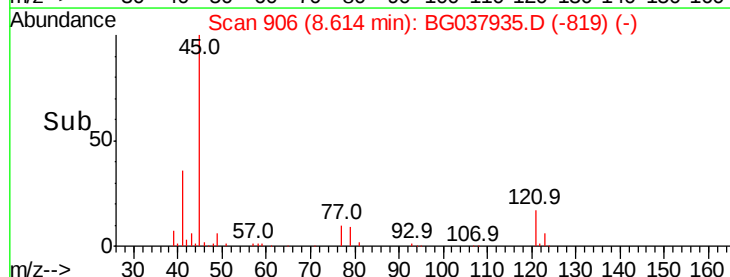
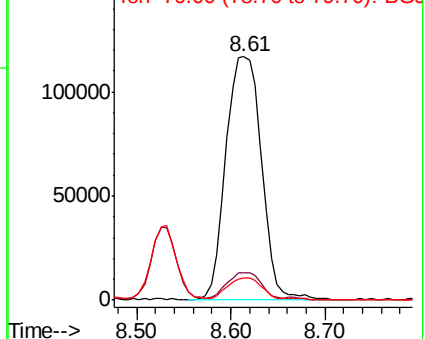
45 100

77 11.1 0.0 30.0

79 9.1 0.0 29.0



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

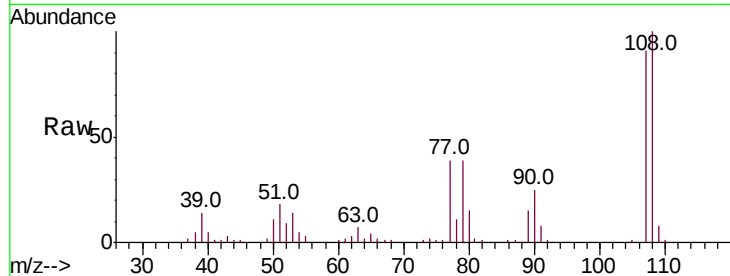




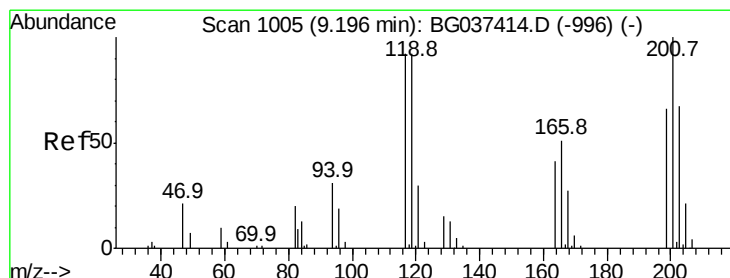
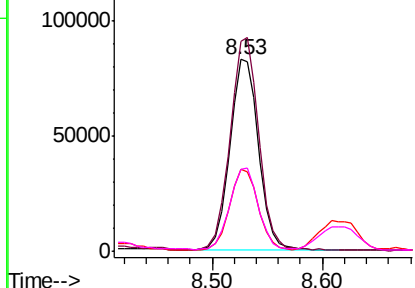
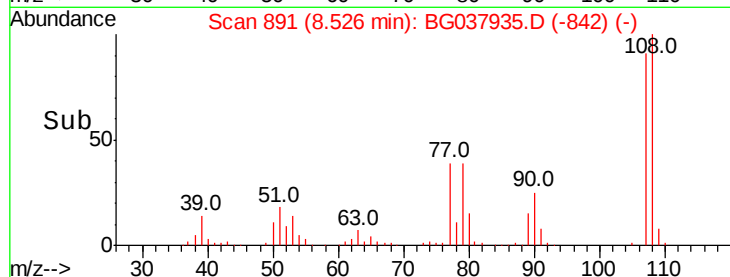
#17  
2-Methylphenol  
Concen: 47.389 ng  
RT: 8.53 min Scan# 891  
Delta R.T. -0.01 min  
Lab File: BG037935.D  
Acq: 10 Nov 2018 00:30

Instrument :  
BNA\_G  
ClientSampleId :  
RT-3263MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 151071 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 109.5 | 87.9  | 131.9  |
| 77       | 42.6  | 35.1  | 52.7   |
| 79       | 42.5  | 34.5  | 51.7   |

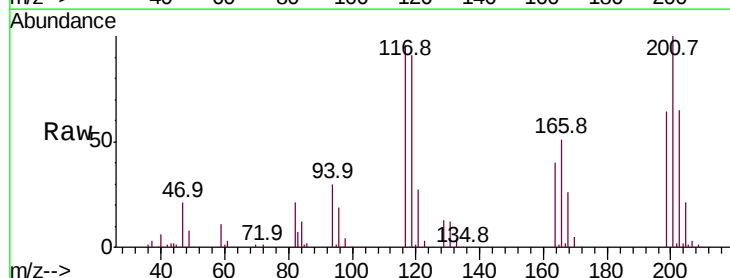


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

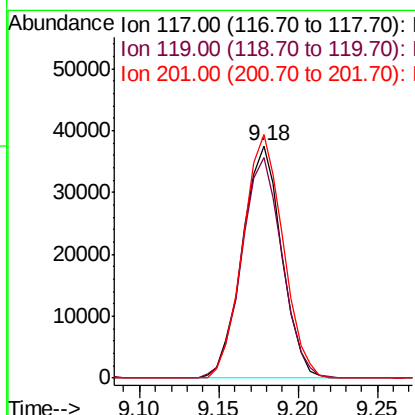
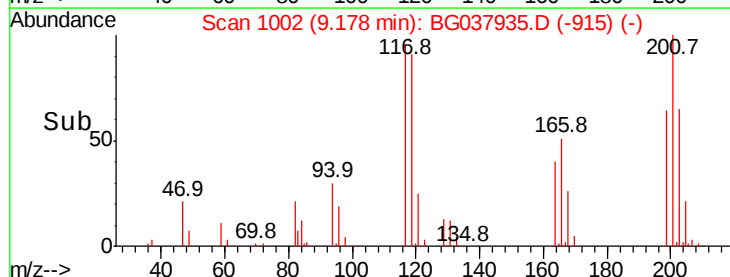


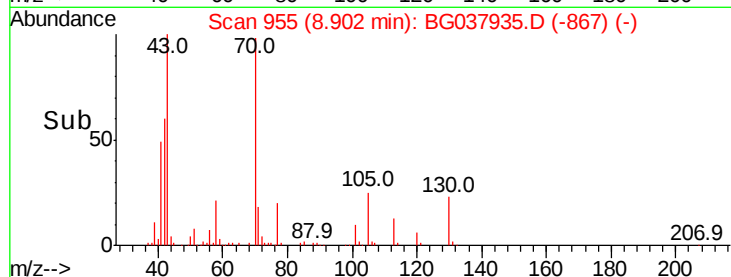
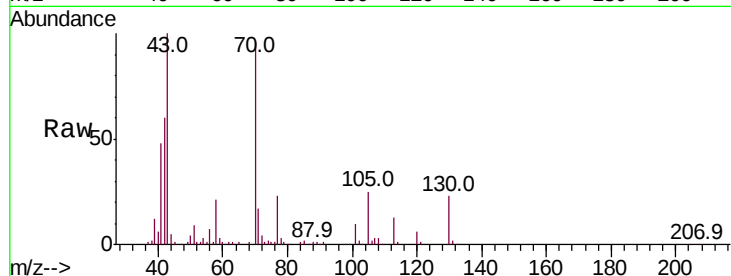
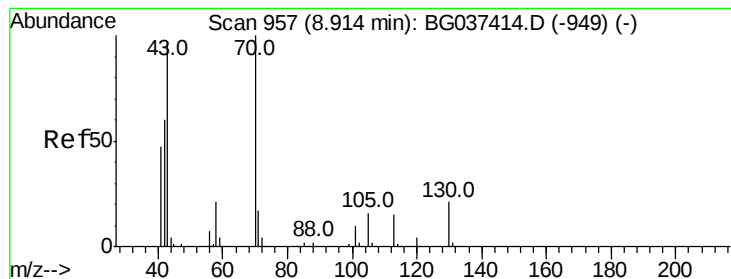
#18  
Hexachloroethane  
Concen: 47.296 ng  
RT: 9.18 min Scan# 1002  
Delta R.T. -0.02 min  
Lab File: BG037935.D  
Acq: 10 Nov 2018 00:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 64921 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 94.9  | 74.6  | 111.8 |
| 201      | 104.7 | 80.8  | 121.2 |



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





#19

n-Nitroso-di-n-propylamine

Concen: 42.928 ng

RT: 8.90 min Scan# 955

Delta R.T. -0.01 min

Lab File: BG037935.D

Acq: 10 Nov 2018 00:30

Instrument :

BNA\_G

ClientSampleId :

RT-3263MS

Tot Ion: 70 Resp: 135097

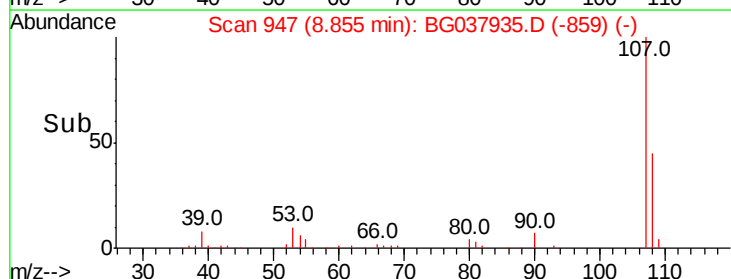
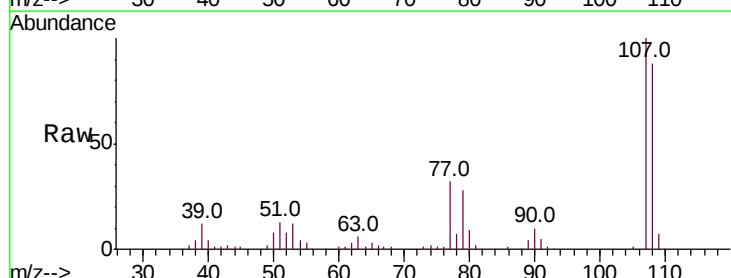
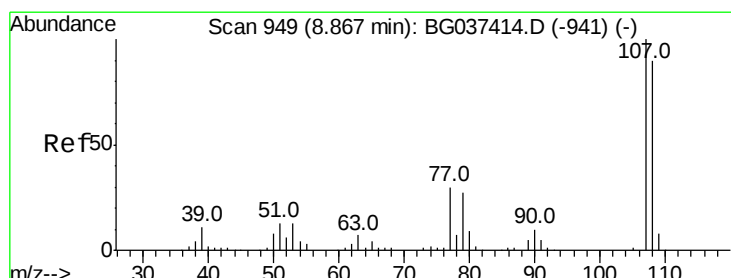
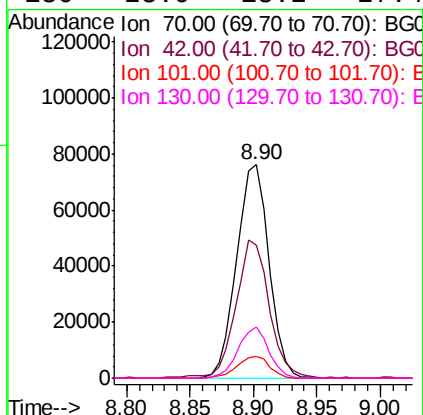
Ion Ratio Lower Upper

70 100

42 62.1 53.9 80.9

101 10.1 8.2 12.2

130 23.9 18.2 27.4



#20

3+4-Methylphenols

Concen: 46.850 ng

RT: 8.85 min Scan# 947

Delta R.T. -0.01 min

Lab File: BG037935.D

Acq: 10 Nov 2018 00:30

Tgt Ion: 107 Resp: 213535

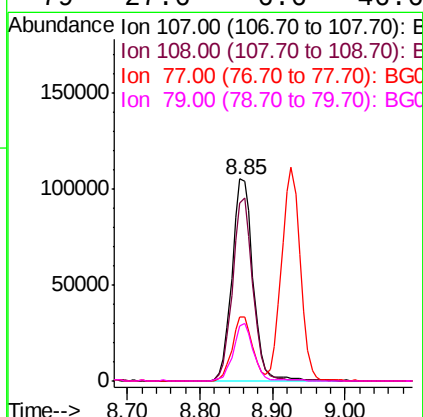
Ion Ratio Lower Upper

107 100

108 88.5 69.9 109.9

77 31.6 11.2 51.2

79 27.6 6.6 46.6

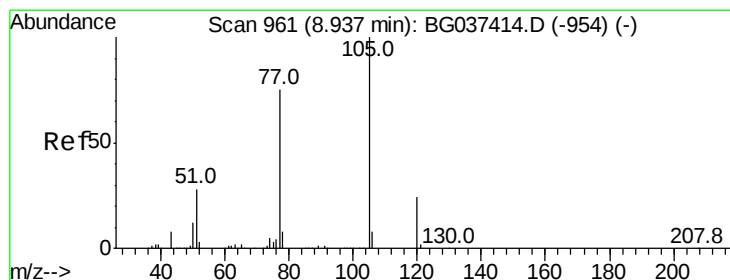
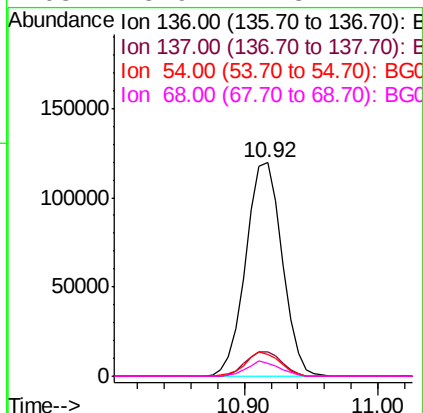
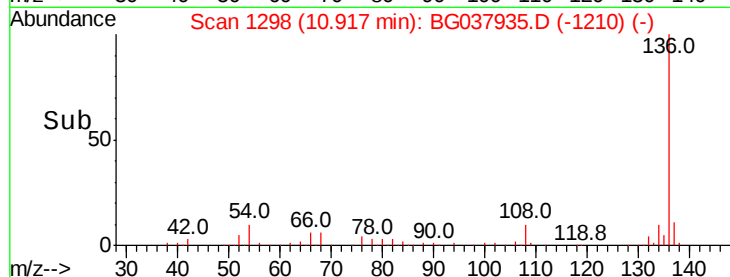
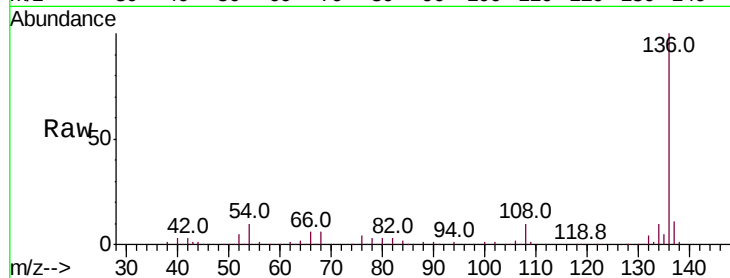




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.92 min Scan# 1298  
Delta R.T. -0.01 min  
Lab File: BG037935.D  
Acq: 10 Nov 2018 00:30

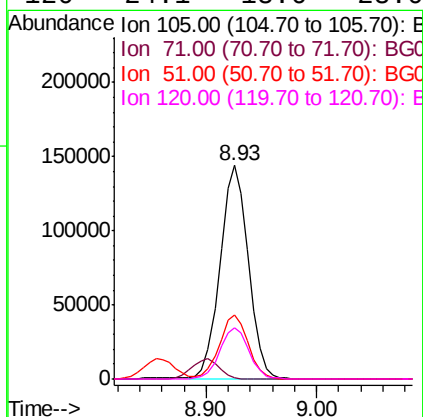
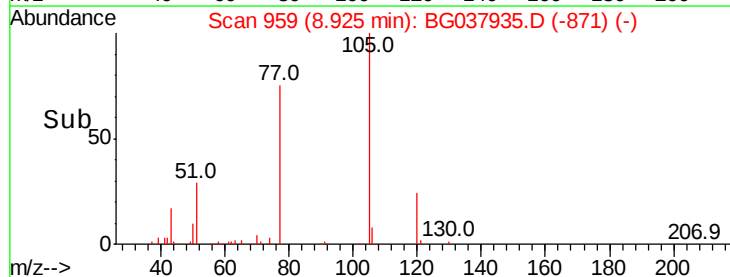
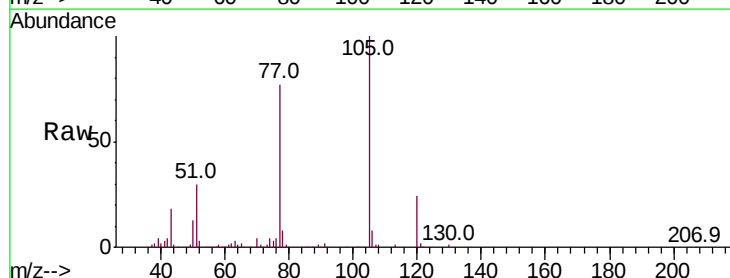
Instrument :  
BNA\_G  
ClientSampleId :  
RT-3263MS

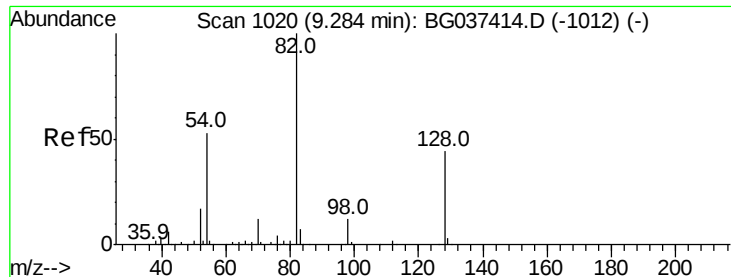
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 136   | Resp: | 224240 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.2  | 9.6   | 14.4   |
| 54       | 10.1  | 7.9   | 11.9   |
| 68       | 5.9   | 4.8   | 7.2    |



#22  
Acetophenone  
Concen: 45.417 ng  
RT: 8.93 min Scan# 959  
Delta R.T. -0.01 min  
Lab File: BG037935.D  
Acq: 10 Nov 2018 00:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 255420 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 0.8   | 1.2   | 1.8#   |
| 51       | 30.0  | 25.0  | 37.6   |
| 120      | 24.1  | 18.6  | 28.0   |

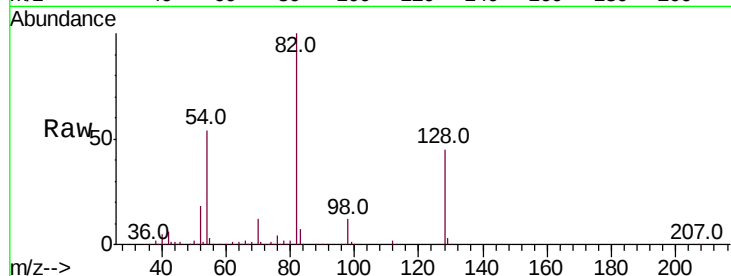




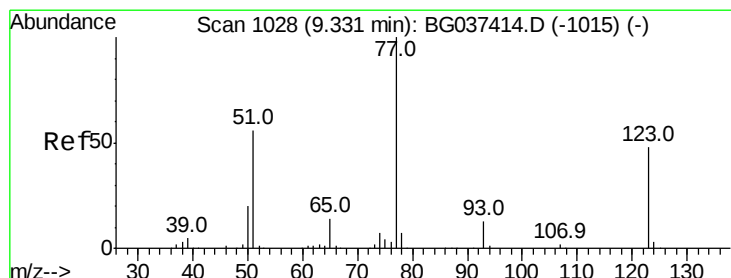
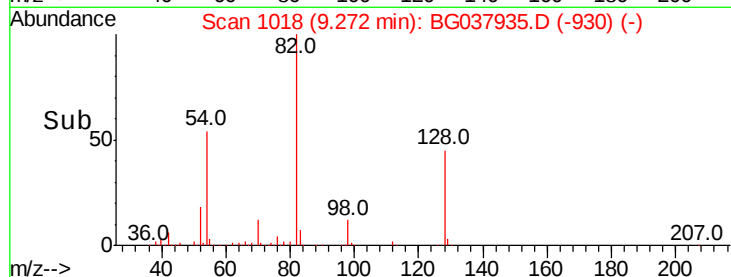
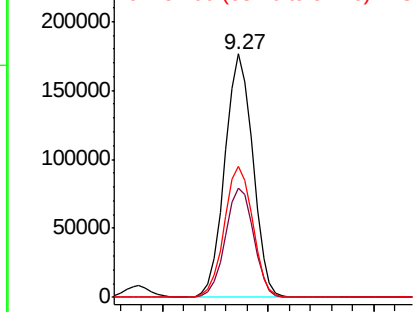
#23  
Nitrobenzene-d5  
Concen: 81.097 ng  
RT: 9.27 min Scan# 1018  
Delta R.T. -0.01 min  
Lab File: BG037935.D  
Acq: 10 Nov 2018 00:30

Instrument :  
BNA\_G  
ClientSampleId :  
RT-3263MS

Tot Ion: 82 Resp: 324627  
Ion Ratio Lower Upper  
82 100  
128 44.9 34.6 51.8  
54 53.6 45.3 67.9

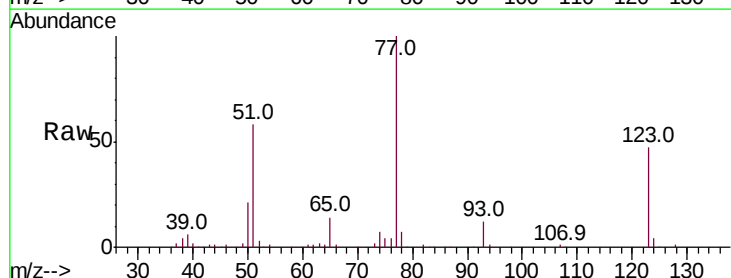


Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 128.00 (127.70 to 128.70): BGC  
Ion 54.00 (53.70 to 54.70): BGC

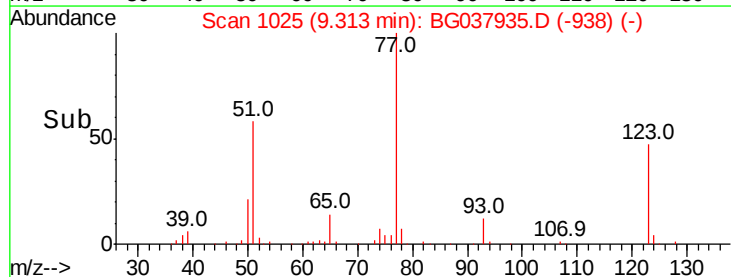
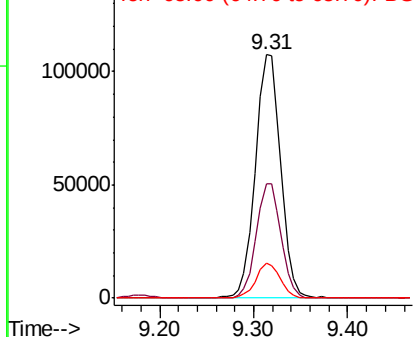


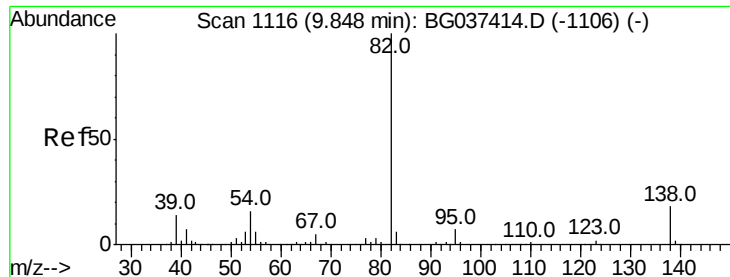
#24  
Nitrobenzene  
Concen: 48.086 ng  
RT: 9.31 min Scan# 1025  
Delta R.T. -0.02 min  
Lab File: BG037935.D  
Acq: 10 Nov 2018 00:30

Tgt Ion: 77 Resp: 199963  
Ion Ratio Lower Upper  
77 100  
123 47.2 33.6 50.4  
65 14.2 11.3 16.9



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





#25

Isophorone

Concen: 53.645 ng

RT: 9.83 min Scan# 1113

Delta R.T. -0.02 min

Lab File: BG037935.D

Acq: 10 Nov 2018 00:30

Instrument :

BNA\_G

ClientSampleId :

RT-3263MS

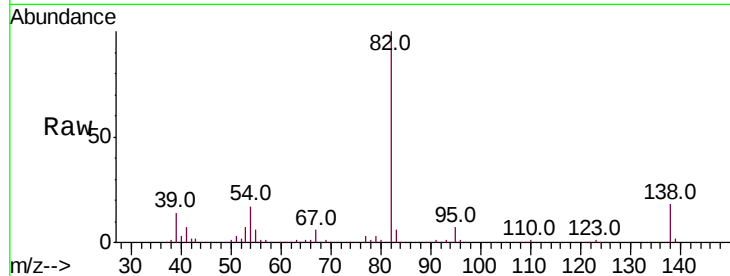
Tot Ion: 82 Resp: 392362

Ion Ratio Lower Upper

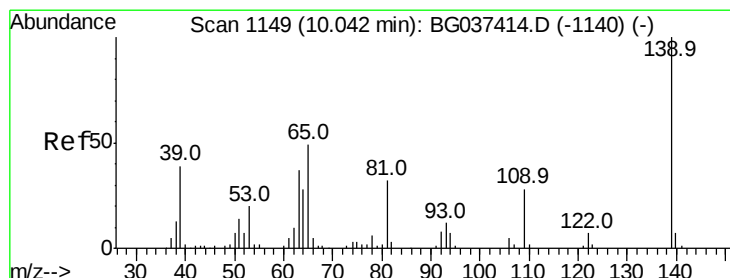
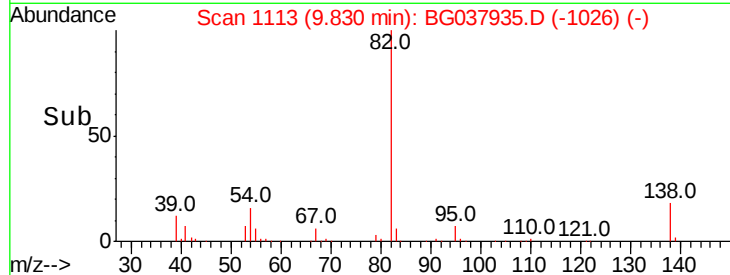
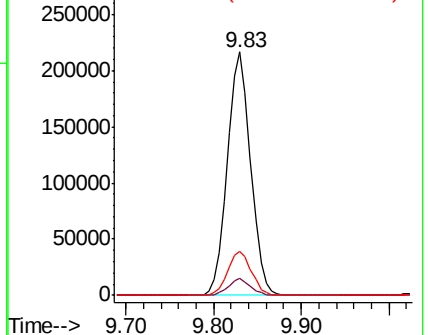
82 100

95 7.3 5.3 7.9

138 18.2 13.3 19.9



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: 53.752 ng

RT: 10.02 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BG037935.D

Acq: 10 Nov 2018 00:30

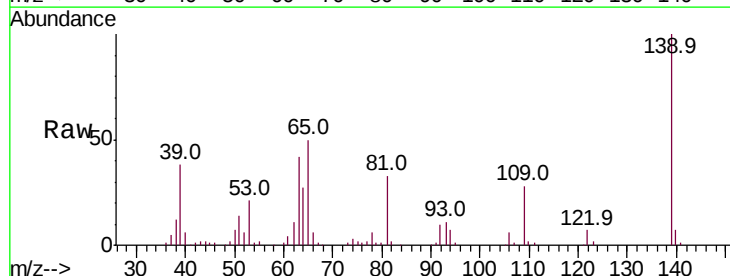
Tgt Ion: 139 Resp: 100697

Ion Ratio Lower Upper

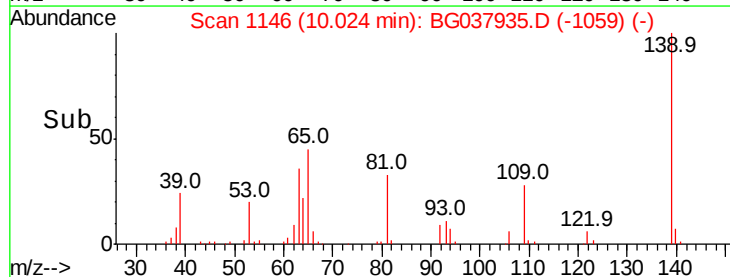
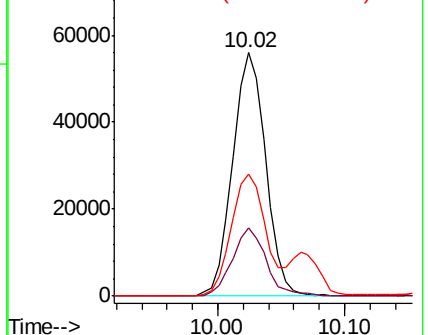
139 100

109 28.0 23.3 34.9

65 50.2 39.8 59.8



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

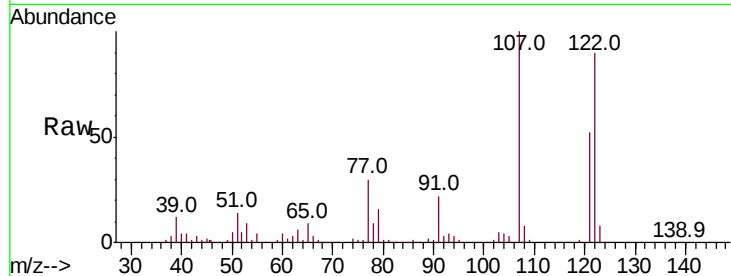




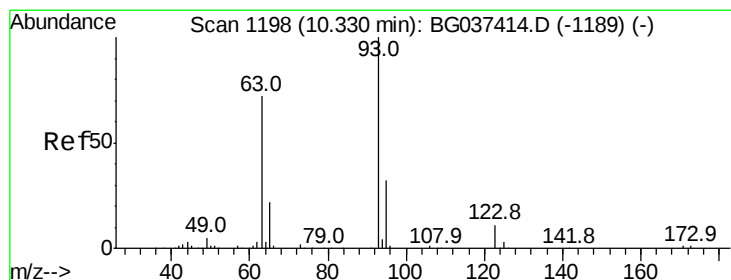
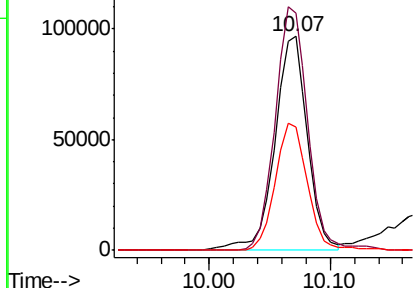
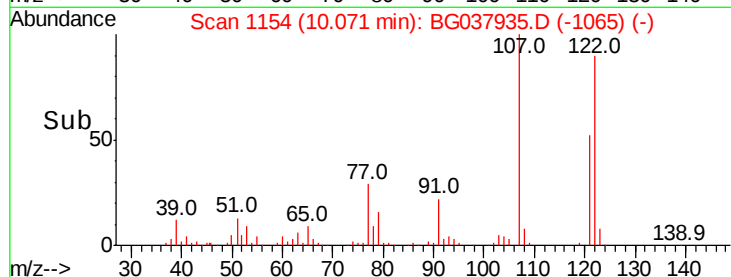
#27  
2,4-Dimethylphenol  
Concen: 53.666 ng  
RT: 10.07 min Scan# 1154  
Delta R.T. -0.01 min  
Lab File: BG037935.D  
Acq: 10 Nov 2018 00:30

Instrument :  
BNA\_G  
ClientSampled :  
RT-3263MS

Tot Ion:122 Resp: 179504  
Ion Ratio Lower Upper  
122 100  
107 110.9 94.2 141.2  
121 57.4 47.3 70.9

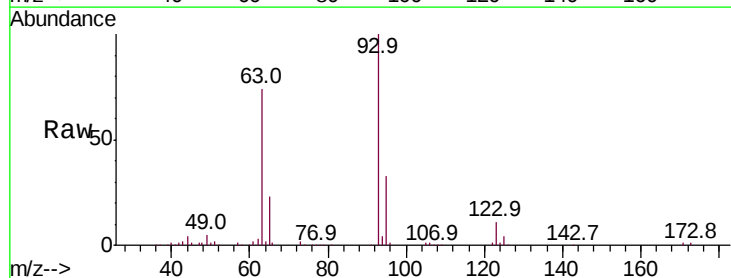


Abundance Ion 122.00 (121.70 to 122.70): E  
150000  
Ion 107.00 (106.70 to 107.70): E  
Ion 121.00 (120.70 to 121.70): E

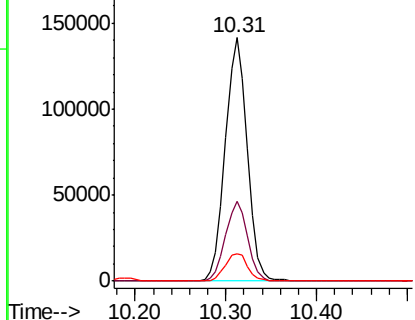
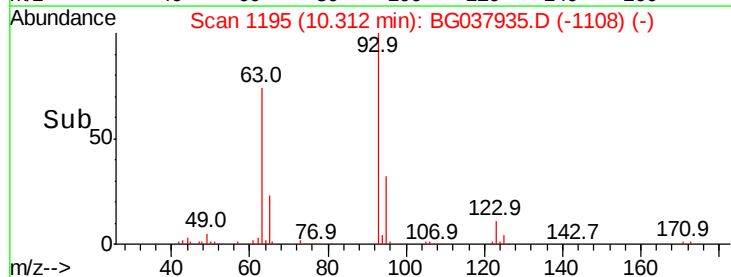


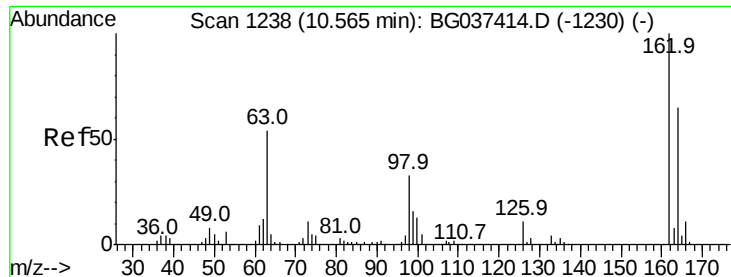
#28  
bis(2-Chloroethoxy)methane  
Concen: 49.550 ng  
RT: 10.31 min Scan# 1195  
Delta R.T. -0.02 min  
Lab File: BG037935.D  
Acq: 10 Nov 2018 00:30

Tgt Ion: 93 Resp: 237445  
Ion Ratio Lower Upper  
93 100  
95 32.9 24.6 37.0  
123 11.3 9.1 13.7



Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC  
Ion 123.00 (122.70 to 123.70): E

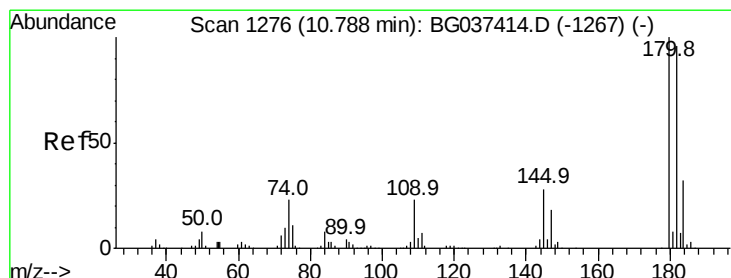
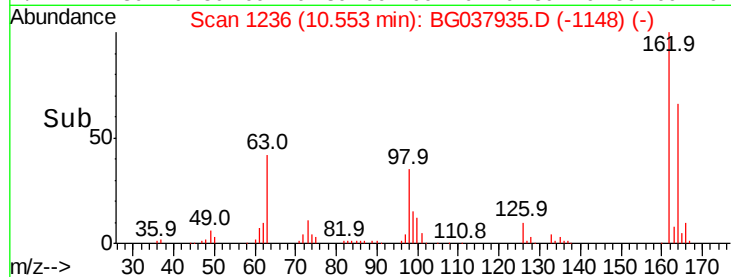
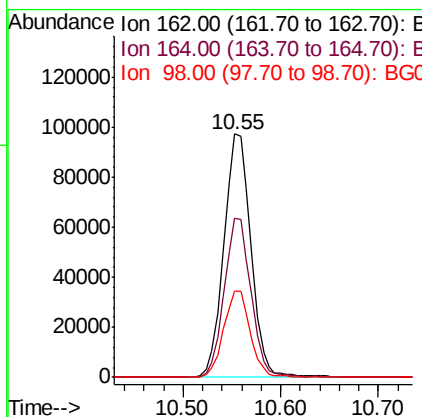
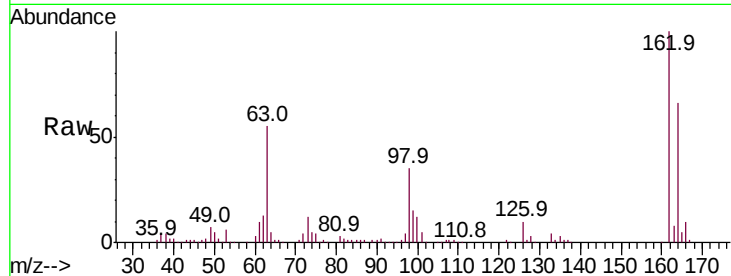




#29  
 2,4-Dichlorophenol  
 Concen: 50.292 ng  
 RT: 10.55 min Scan# 1236  
 Delta R.T. -0.01 min  
 Lab File: BG037935.D  
 Acq: 10 Nov 2018 00:30

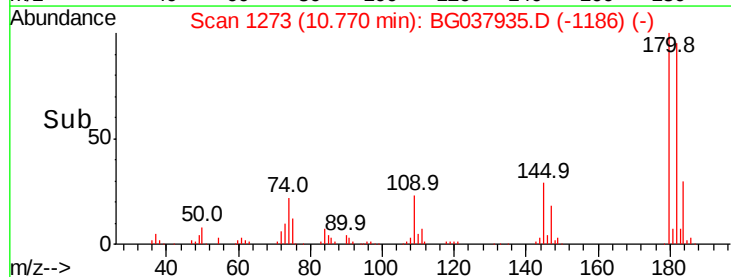
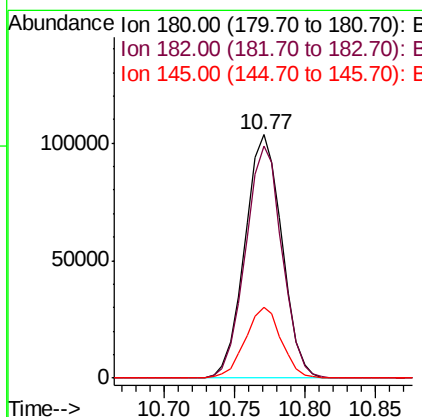
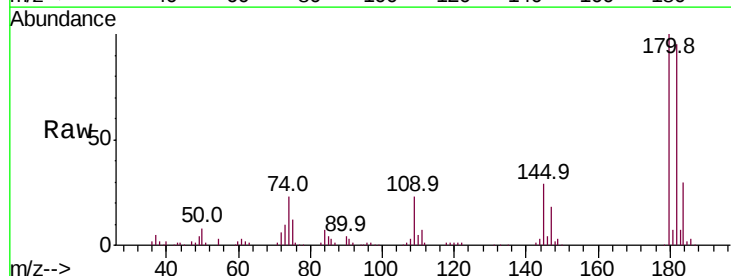
Instrument :  
 BNA\_G  
 ClientSampleId :  
 RT-3263MS

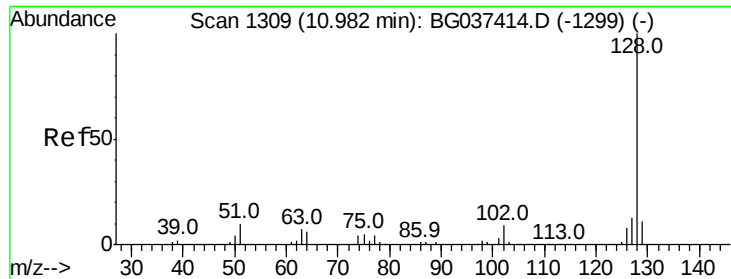
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.6  | 43.2  | 83.2  |
| 98      | 35.3  | 16.0  | 56.0  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 46.993 ng  
 RT: 10.77 min Scan# 1273  
 Delta R.T. -0.02 min  
 Lab File: BG037935.D  
 Acq: 10 Nov 2018 00:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.5  | 77.7  | 116.5 |
| 145     | 29.1  | 23.3  | 34.9  |

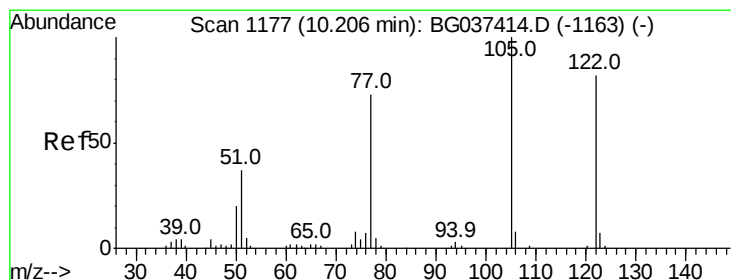
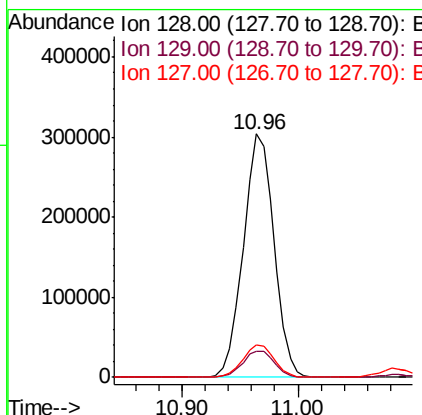
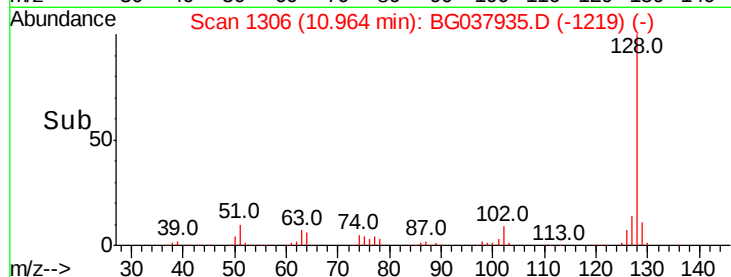
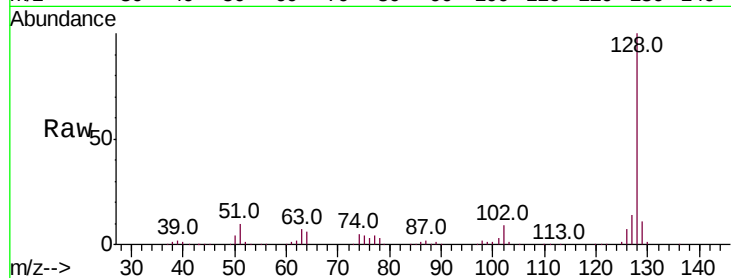




#31  
Naphthalene  
Concen: 51.000 ng  
RT: 10.96 min Scan# 1306  
Delta R.T. -0.02 min  
Lab File: BG037935.D  
Acq: 10 Nov 2018 00:30

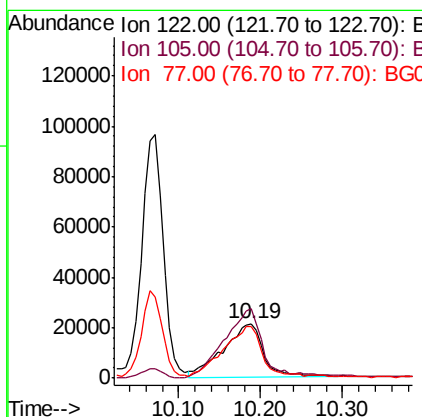
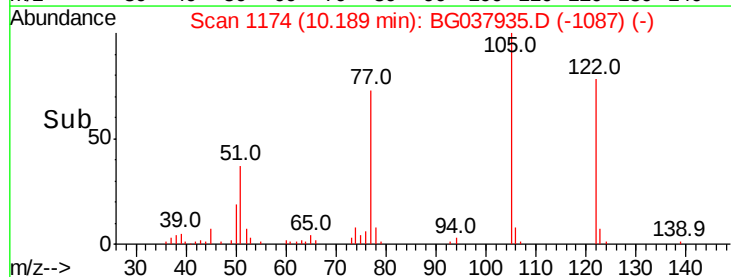
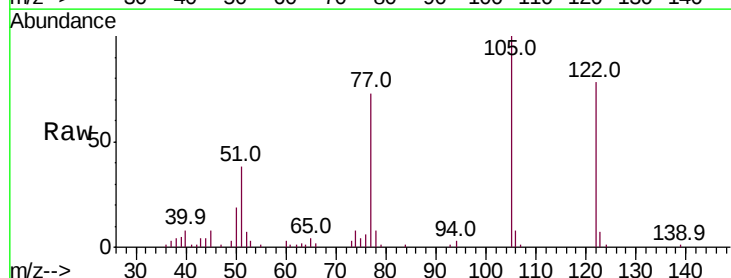
Instrument :  
BNA\_G  
ClientSampleId :  
RT-3263MS

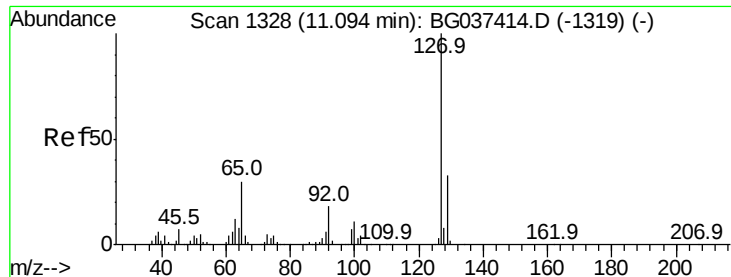
Tot Ion:128 Resp: 561716  
Ion Ratio Lower Upper  
128 100  
129 10.8 9.0 13.6  
127 13.5 11.1 16.7



#32  
Benzoic acid  
Concen: 32.788 ng  
RT: 10.19 min Scan# 1174  
Delta R.T. -0.02 min  
Lab File: BG037935.D  
Acq: 10 Nov 2018 00:30

Tgt Ion:122 Resp: 71231  
Ion Ratio Lower Upper  
122 100  
105 127.8 106.7 146.7  
77 93.8 72.2 112.2

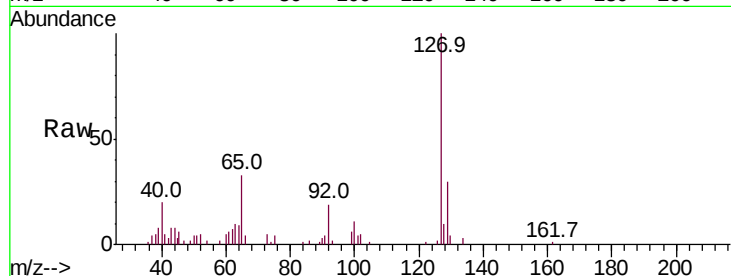




#33  
4-Chloroaniline  
Concen: 4.785 ng  
RT: 11.08 min Scan# 1326  
Delta R.T. -0.01 min  
Lab File: BG037935.D  
Acq: 10 Nov 2018 00:30

Instrument :  
BNA\_G  
ClientSampleId :  
RT-3263MS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 24764 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 29.7  | 27.1  | 40.7  |
| 65       | 33.1  | 26.6  | 39.8  |
| 92       | 19.1  | 16.4  | 24.6  |



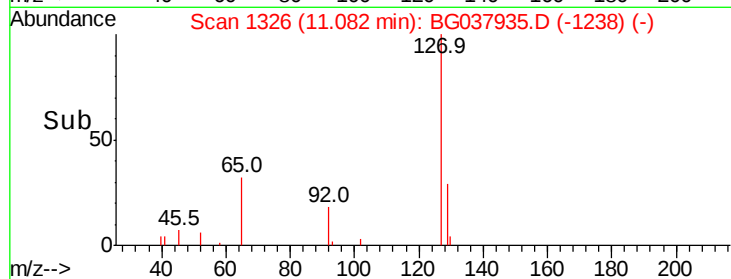
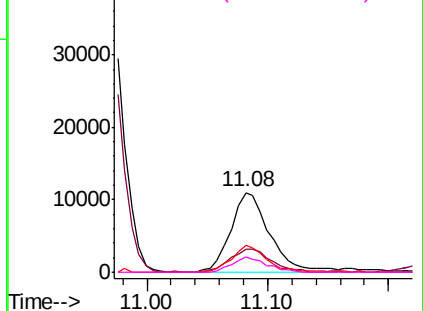
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

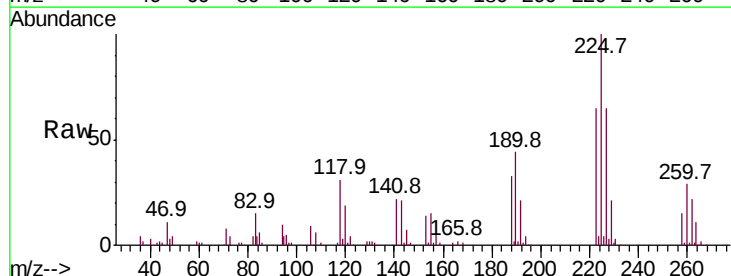
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34  
Hexachlorobutadiene  
Concen: 45.828 ng  
RT: 11.23 min Scan# 1351  
Delta R.T. -0.02 min  
Lab File: BG037935.D  
Acq: 10 Nov 2018 00:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 110000 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.5  | 48.2  | 72.4   |
| 227      | 65.3  | 51.6  | 77.4   |

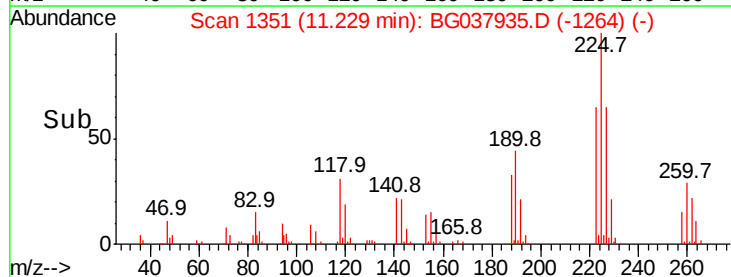
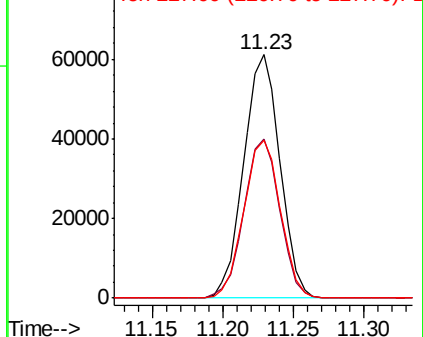


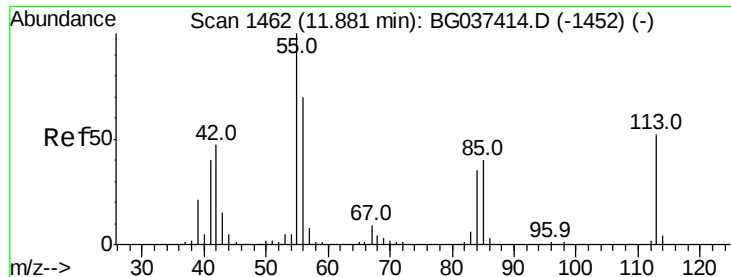
Abundance

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: 28.512 ng

RT: 11.86 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BG037935.D

Acq: 10 Nov 2018 00:30

Instrument :

BNA\_G

ClientSampleId :

RT-3263MS

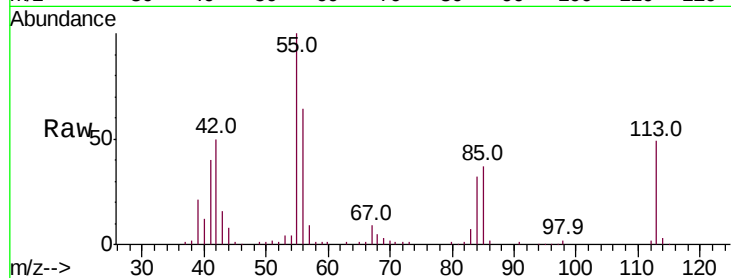
Tot Ion:113 Resp: 42586

Ion Ratio Lower Upper

113 100

55 203.6 176.6 216.6

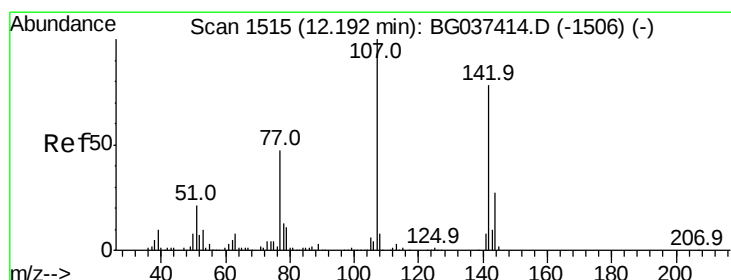
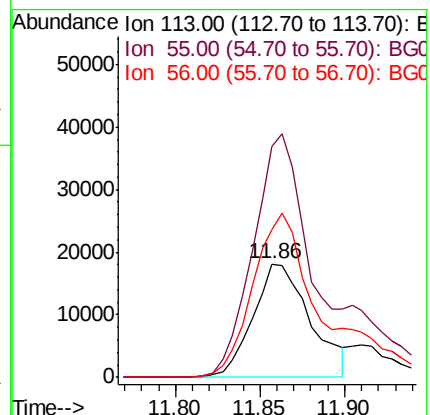
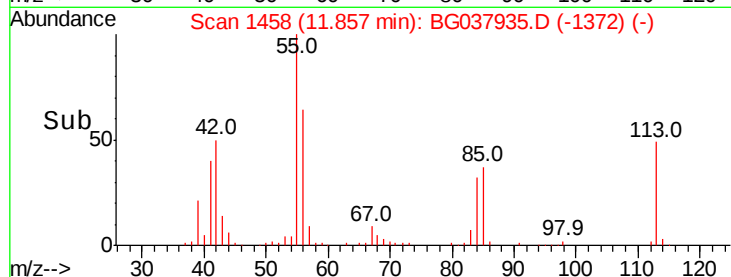
56 130.4 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 49.409 ng

RT: 12.18 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BG037935.D

Acq: 10 Nov 2018 00:30

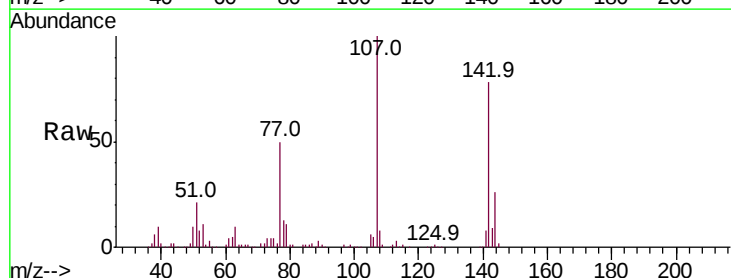
Tgt Ion:107 Resp: 207517

Ion Ratio Lower Upper

107 100

144 25.9 20.7 31.1

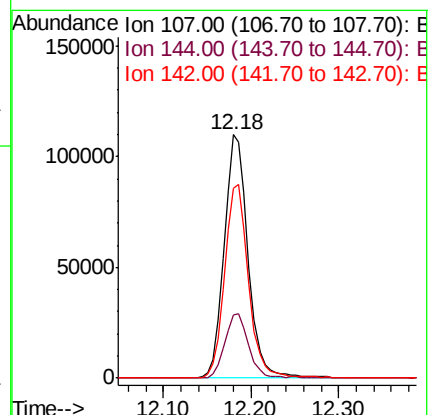
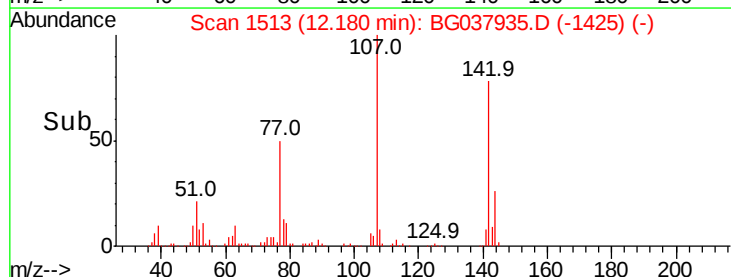
142 78.2 64.4 96.6

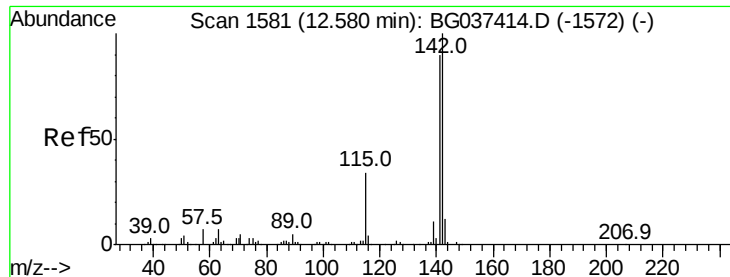


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 52.914 ng

RT: 12.56 min Scan# 1578

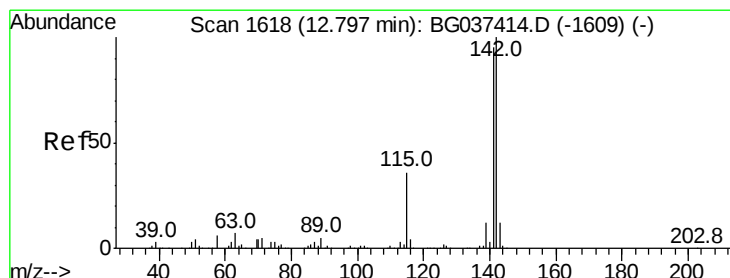
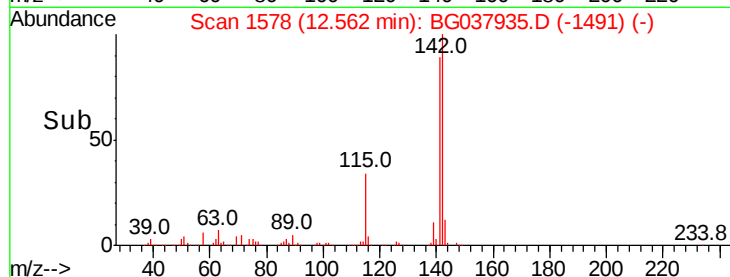
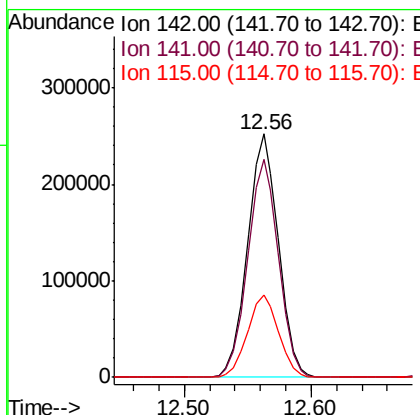
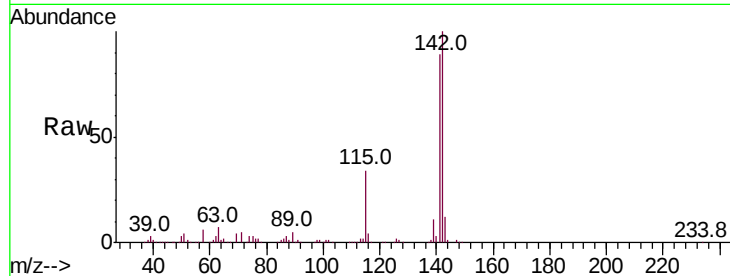
Delta R.T. -0.02 min

Lab File: BG037935.D

Acq: 10 Nov 2018 00:30

Instrument :  
BNA\_G  
ClientSampleId :  
RT-3263MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.5  | 71.9  | 107.9 |
| 115     | 33.9  | 27.8  | 41.8  |



#38

1-Methylnaphthalene

Concen: 51.804 ng

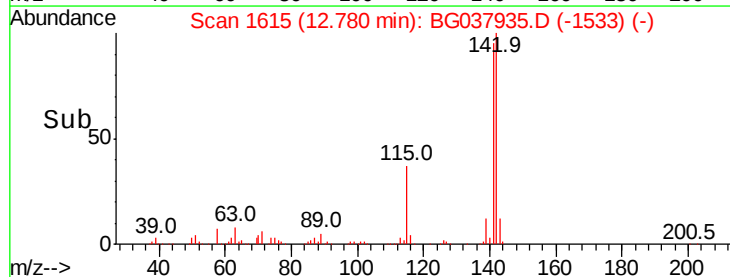
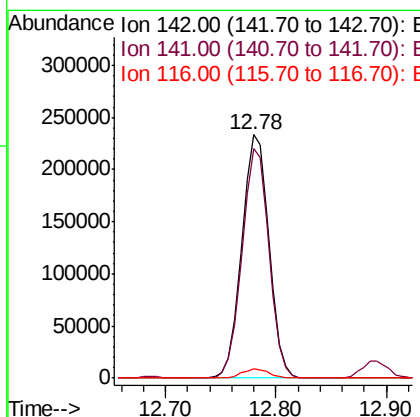
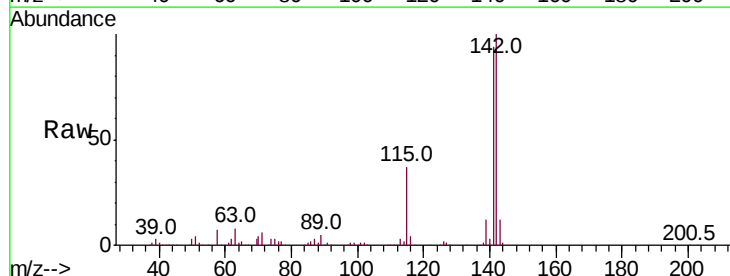
RT: 12.78 min Scan# 1615

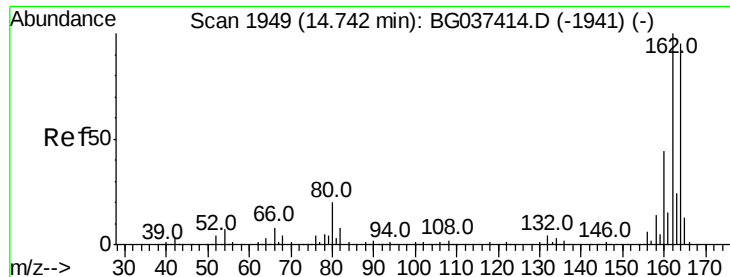
Delta R.T. -0.02 min

Lab File: BG037935.D

Acq: 10 Nov 2018 00:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 94.5  | 75.2  | 112.8 |
| 116     | 3.8   | 3.3   | 4.9   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037935.D

Acq: 10 Nov 2018 00:30

Instrument :

BNA\_G

ClientSampleId :

RT-3263MS

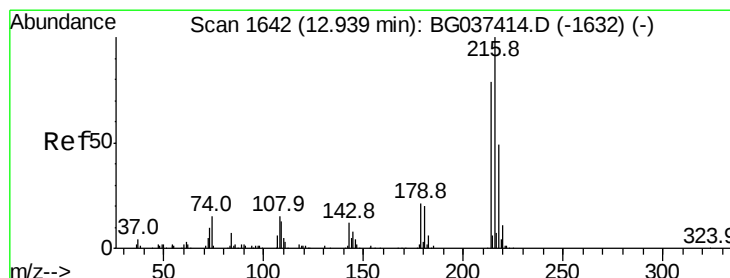
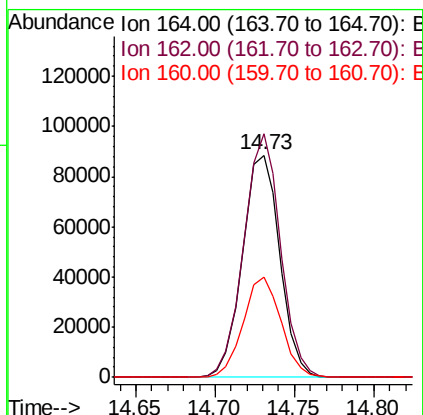
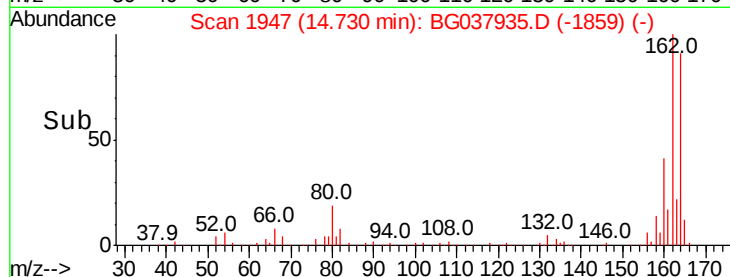
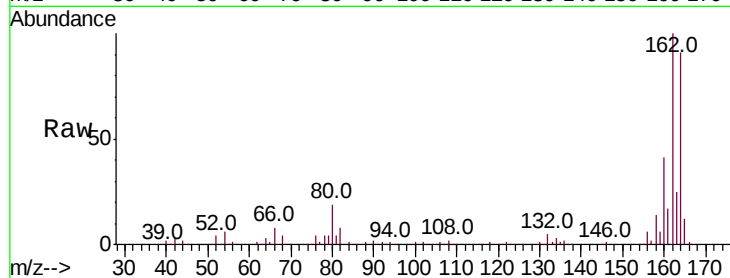
Tot Ion:164 Resp: 144895

Ion Ratio Lower Upper

164 100

162 109.6 81.3 121.9

160 44.9 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.535 ng

RT: 12.93 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BG037935.D

Acq: 10 Nov 2018 00:30

Tgt Ion:216 Resp: 222164

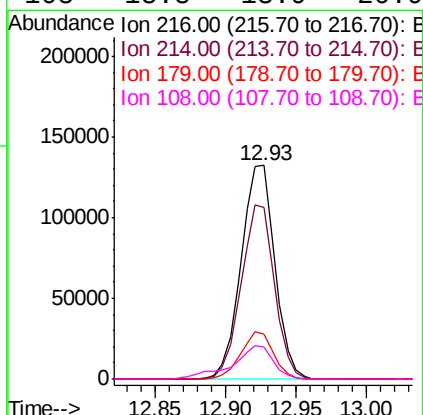
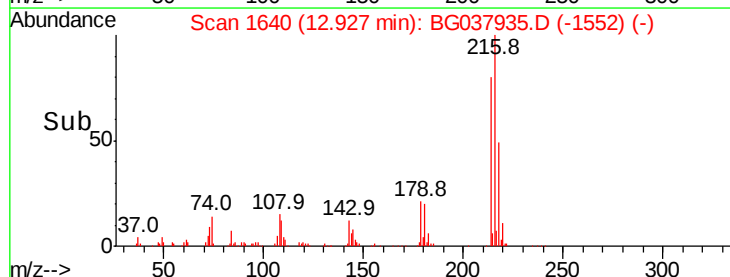
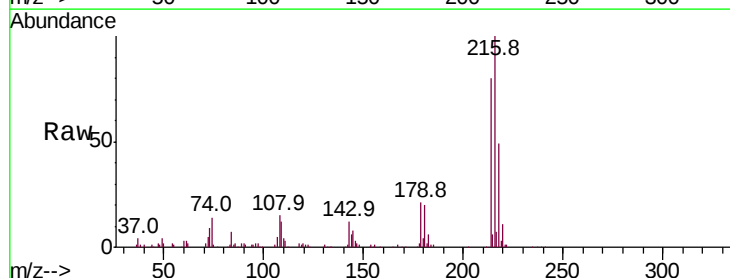
Ion Ratio Lower Upper

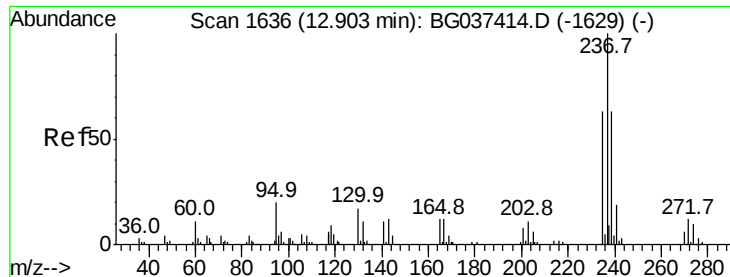
216 100

214 80.1 63.8 95.6

179 21.0 17.4 26.0

108 18.8 13.9 20.9





#41

Hexachlorocyclopentadiene

Concen: 109.890 ng

RT: 12.89 min Scan# 1634

Delta R.T. -0.01 min

Lab File: BG037935.D

Acq: 10 Nov 2018 00:30

Instrument :

BNA\_G

ClientSampleId :

RT-3263MS

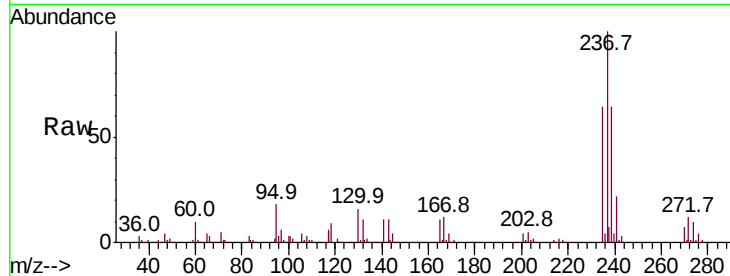
Tot Ion:237 Resp: 245328

Ion Ratio Lower Upper

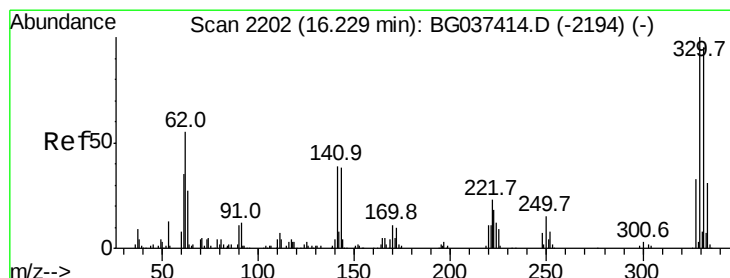
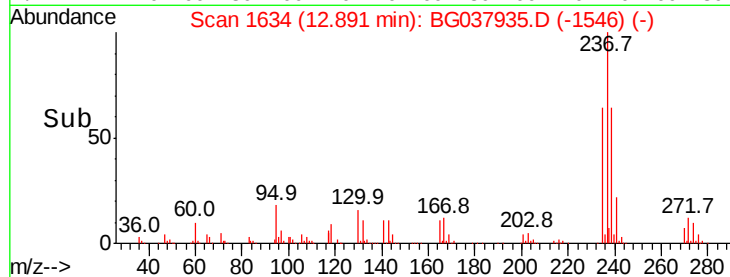
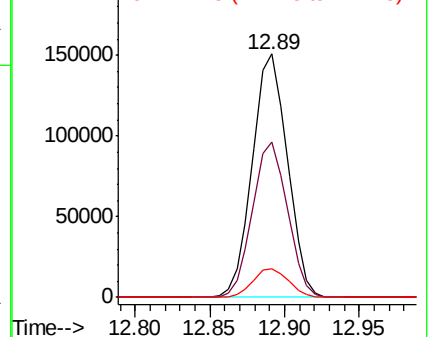
237 100

235 63.7 42.5 82.5

272 11.9 0.0 31.6



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



#42

2,4,6-Tribromophenol

Concen: 123.095 ng

RT: 16.22 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BG037935.D

Acq: 10 Nov 2018 00:30

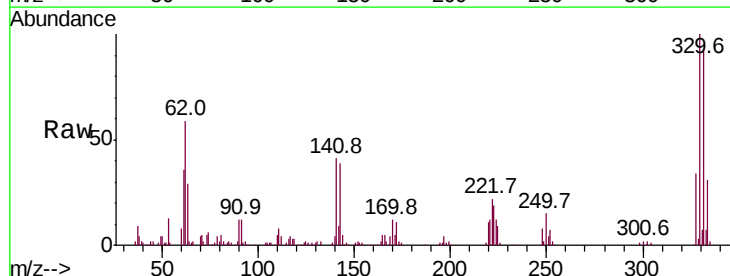
Tgt Ion:330 Resp: 194533

Ion Ratio Lower Upper

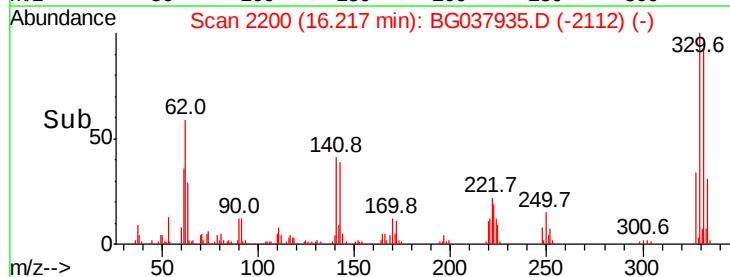
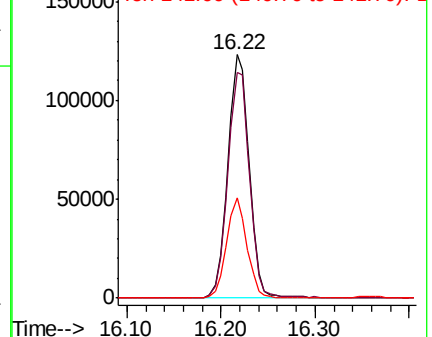
330 100

332 95.0 78.4 117.6

141 39.4 32.2 48.2



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

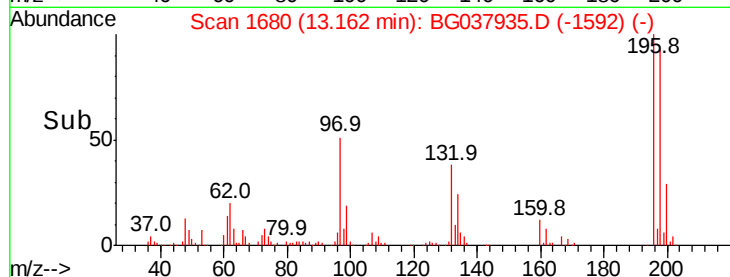
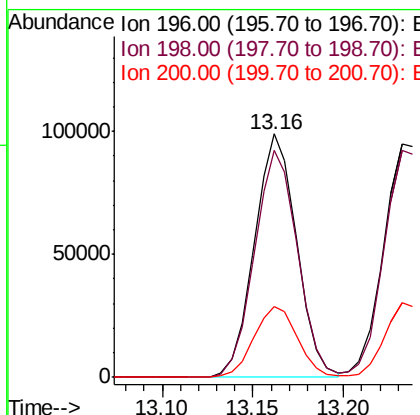
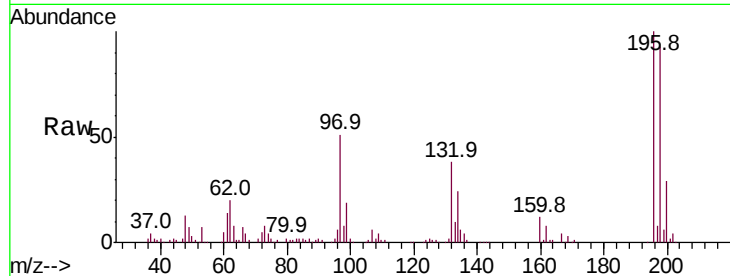




#43  
 2,4,6-Trichlorophenol  
 Concen: 51.125 ng  
 RT: 13.16 min Scan# 1680  
 Delta R.T. -0.01 min  
 Lab File: BG037935.D  
 Acq: 10 Nov 2018 00:30

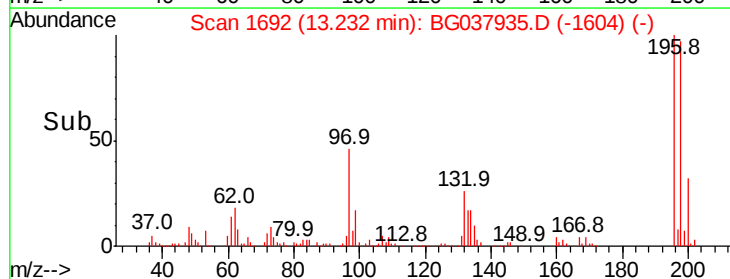
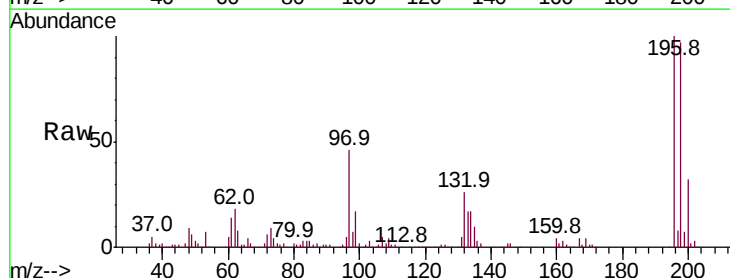
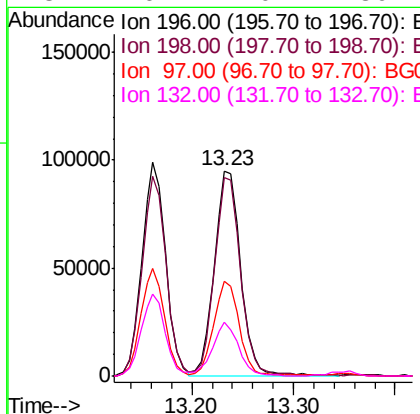
Instrument :  
 BNA\_G  
 ClientSampleId :  
 RT-3263MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 93.4  | 76.4  | 114.6 |
| 200     | 29.1  | 24.9  | 37.3  |



#44  
 2,4,5-Trichlorophenol  
 Concen: 50.204 ng  
 RT: 13.23 min Scan# 1692  
 Delta R.T. -0.01 min  
 Lab File: BG037935.D  
 Acq: 10 Nov 2018 00:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 96.9  | 74.2  | 111.2 |
| 97      | 45.9  | 34.1  | 51.1  |
| 132     | 26.2  | 20.2  | 30.4  |

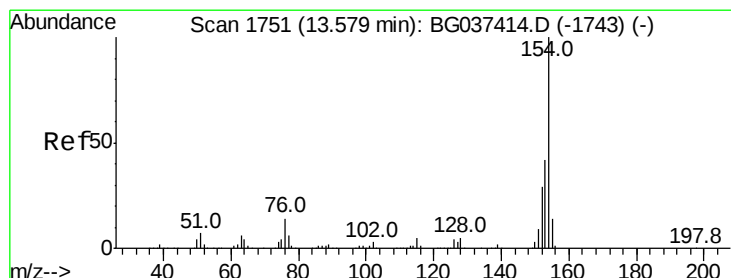
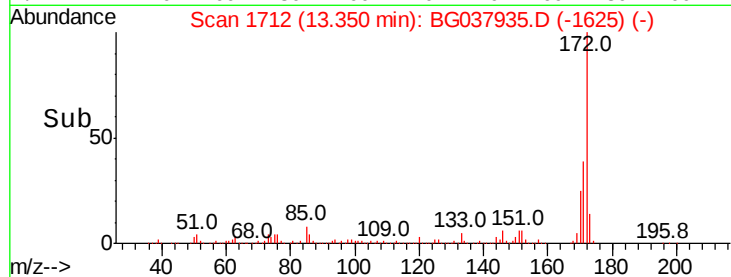
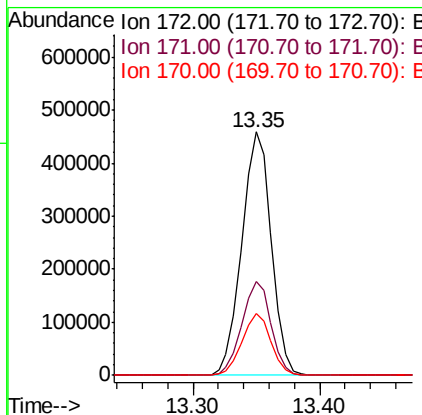
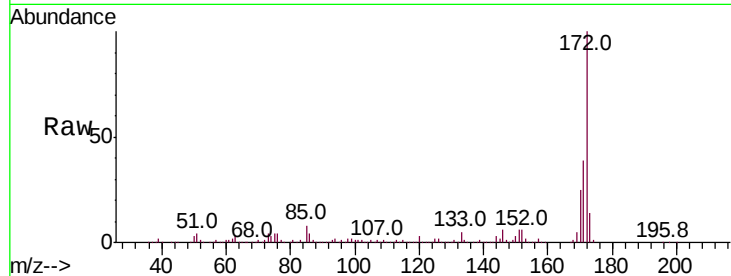




#45  
 2-Fluorobiphenyl  
 Concen: 76.794 ng  
 RT: 13.35 min Scan# 1712  
 Delta R.T. -0.02 min  
 Lab File: BG037935.D  
 Acq: 10 Nov 2018 00:30

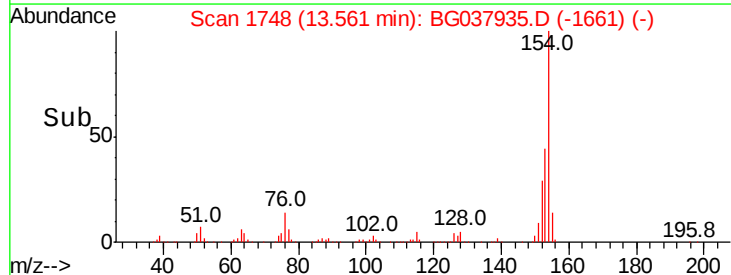
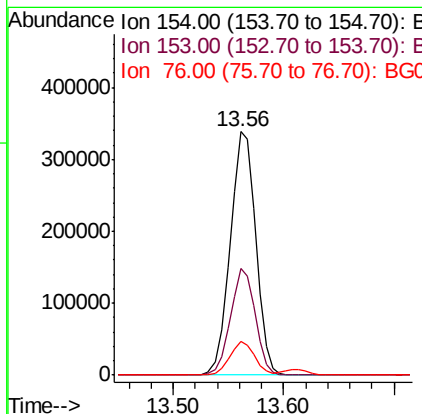
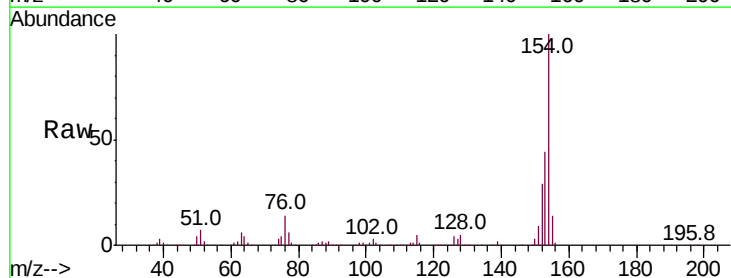
Instrument :  
 BNA\_G  
 ClientSampleId :  
 RT-3263MS

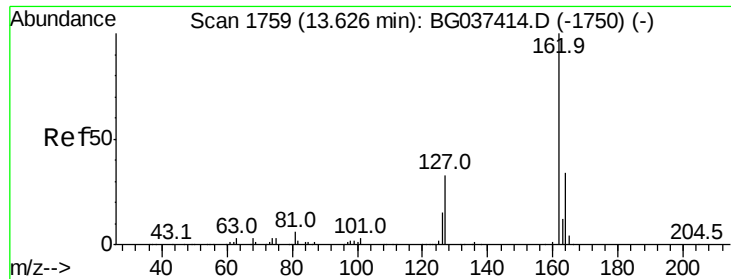
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 38.7  | 31.0  | 46.4  |
| 170     | 25.4  | 20.2  | 30.2  |



#46  
 1,1'-Biphenyl  
 Concen: 45.756 ng  
 RT: 13.56 min Scan# 1748  
 Delta R.T. -0.02 min  
 Lab File: BG037935.D  
 Acq: 10 Nov 2018 00:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 43.9  | 22.1  | 62.1  |
| 76      | 13.6  | 0.0   | 33.2  |

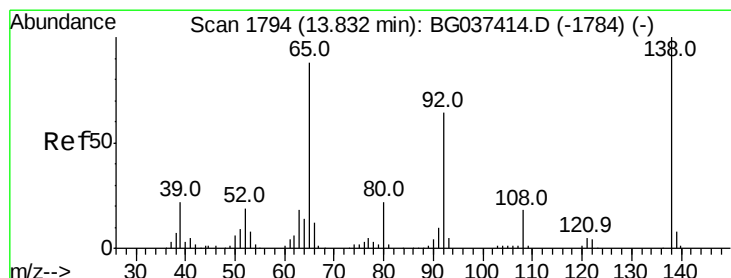
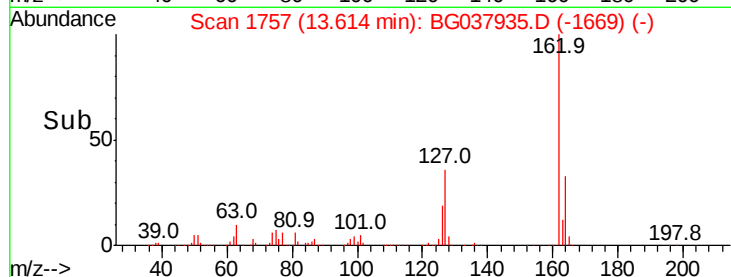
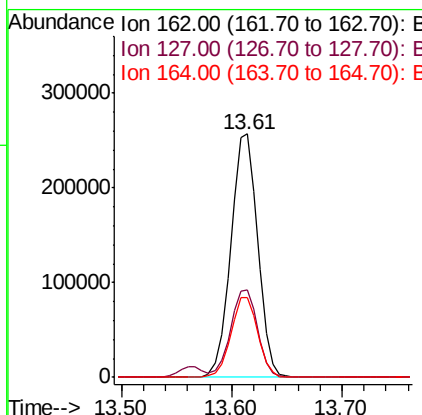
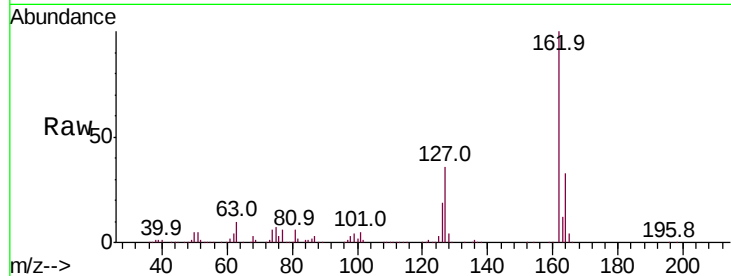




#47  
 2-Chloronaphthalene  
 Concen: 48.400 ng  
 RT: 13.61 min Scan# 1757  
 Delta R.T. -0.01 min  
 Lab File: BG037935.D  
 Acq: 10 Nov 2018 00:30

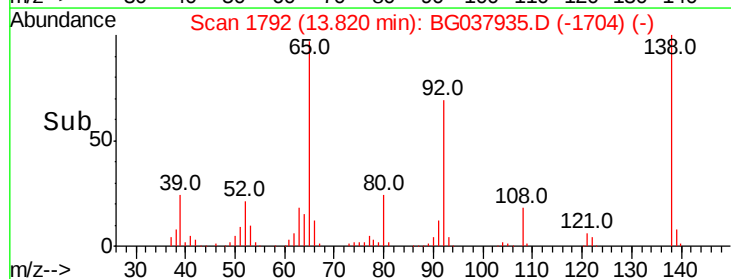
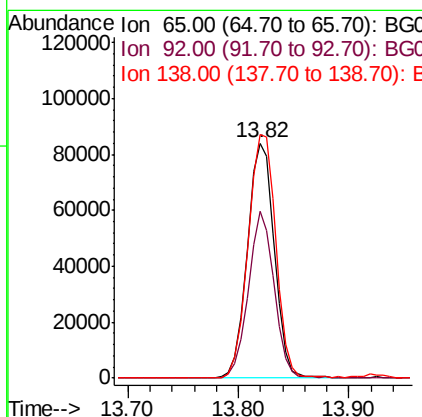
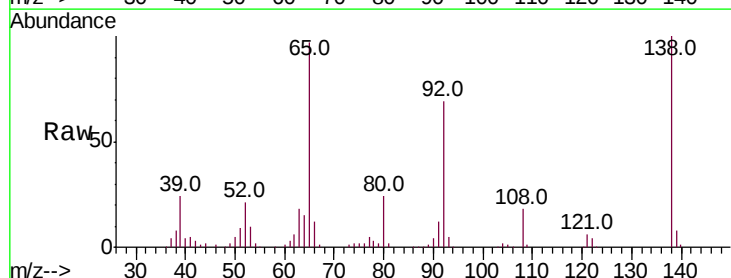
Instrument :  
 BNA\_G  
 ClientSampleId :  
 RT-3263MS

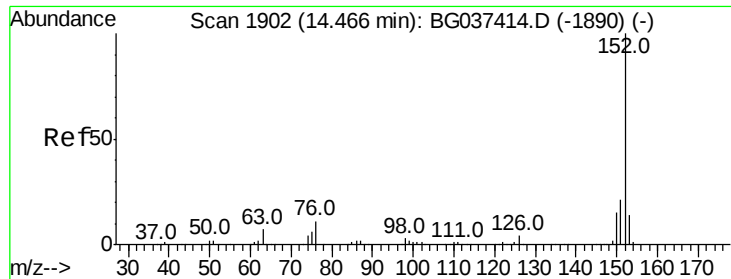
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 36.0  | 30.5  | 45.7  |
| 164     | 32.9  | 26.4  | 39.6  |



#48  
 2-Nitroaniline  
 Concen: 52.520 ng  
 RT: 13.82 min Scan# 1792  
 Delta R.T. -0.01 min  
 Lab File: BG037935.D  
 Acq: 10 Nov 2018 00:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 71.1  | 53.2  | 79.8  |
| 138     | 103.6 | 79.3  | 118.9 |





#49

Acenaphthylene

Concen: 52.295 ng

RT: 14.45 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG037935.D

Acq: 10 Nov 2018 00:30

Instrument :

BNA\_G

ClientSampleId :

RT-3263MS

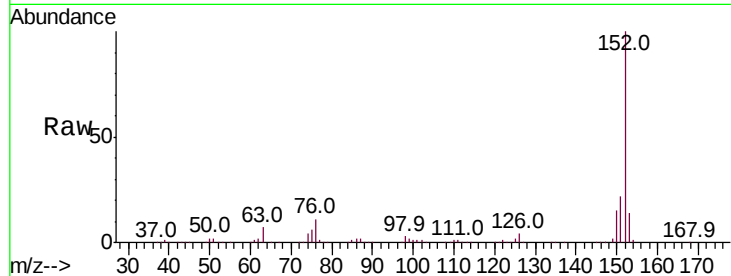
Tot Ion:152 Resp: 714159

Ion Ratio Lower Upper

152 100

151 22.1 17.1 25.7

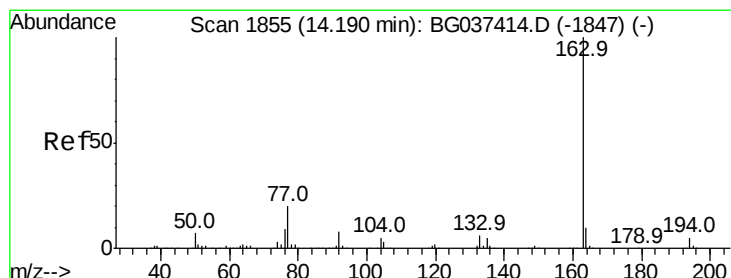
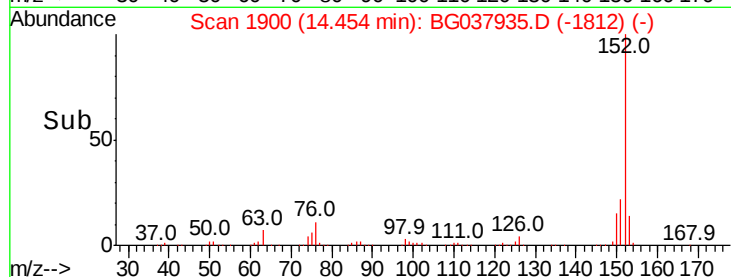
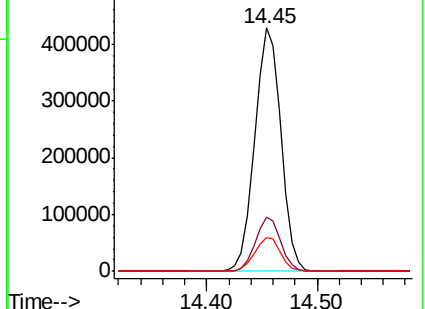
153 13.7 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 49.807 ng

RT: 14.18 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BG037935.D

Acq: 10 Nov 2018 00:30

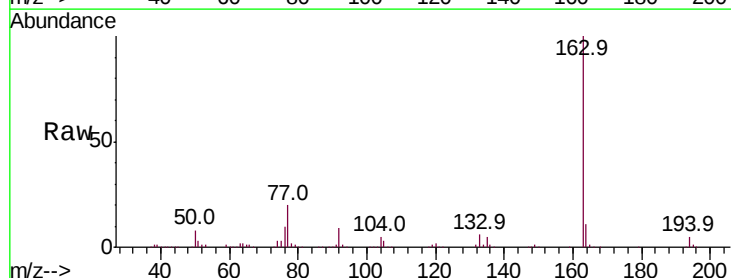
Tgt Ion:163 Resp: 558304

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

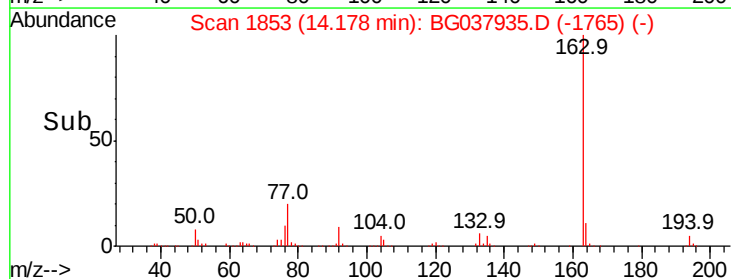
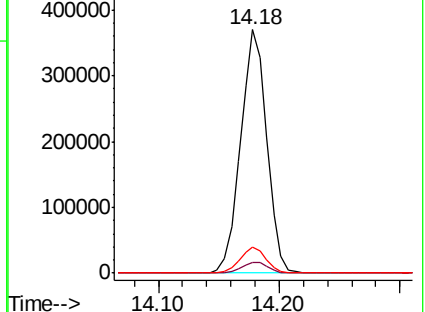
164 10.7 8.5 12.7

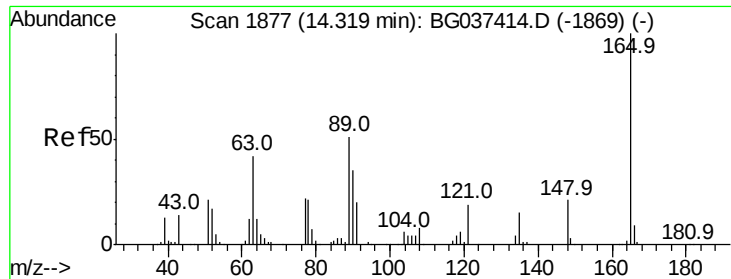


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 51.775 ng

RT: 14.31 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG037935.D

Acq: 10 Nov 2018 00:30

Instrument :

BNA\_G

ClientSampled :

RT-3263MS

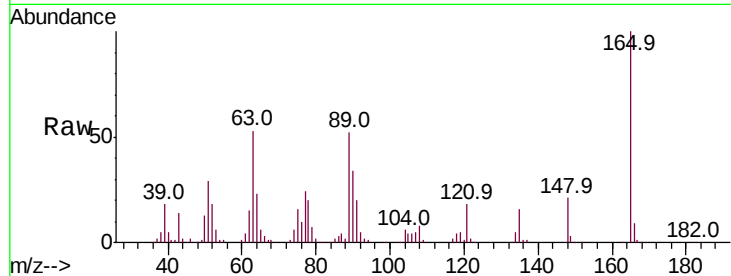
Tot Ion:165 Resp: 128387

Ion Ratio Lower Upper

165 100

63 53.1 43.4 65.2

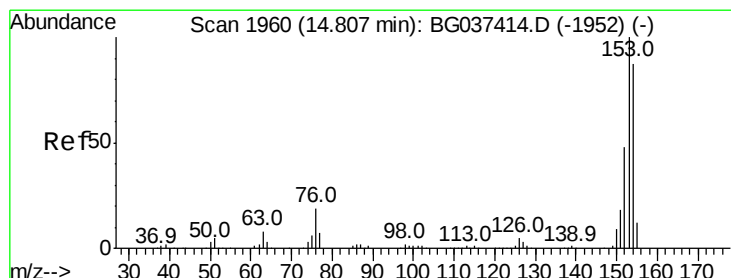
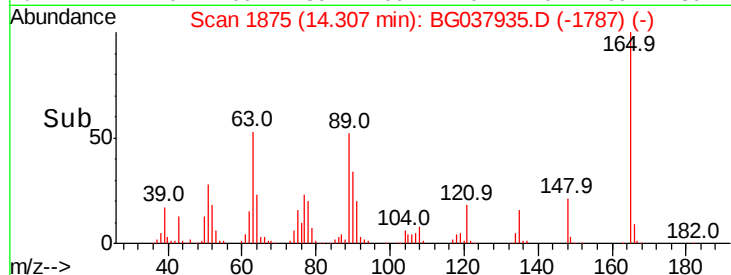
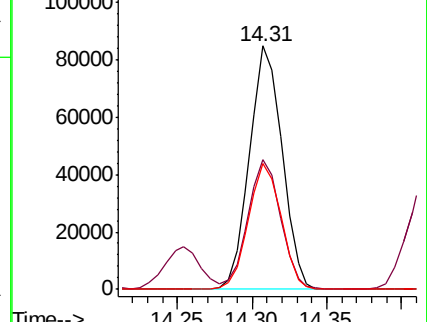
89 51.9 45.8 68.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 49.682 ng

RT: 14.79 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG037935.D

Acq: 10 Nov 2018 00:30

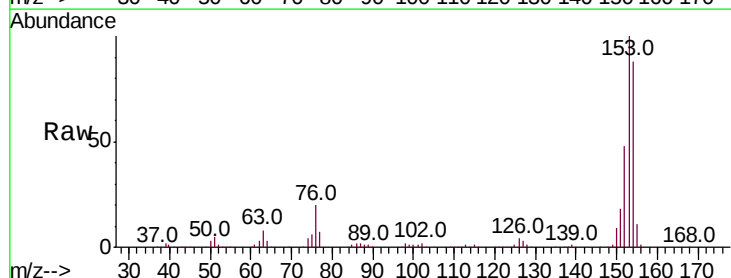
Tgt Ion:154 Resp: 417848

Ion Ratio Lower Upper

154 100

153 113.5 93.4 140.0

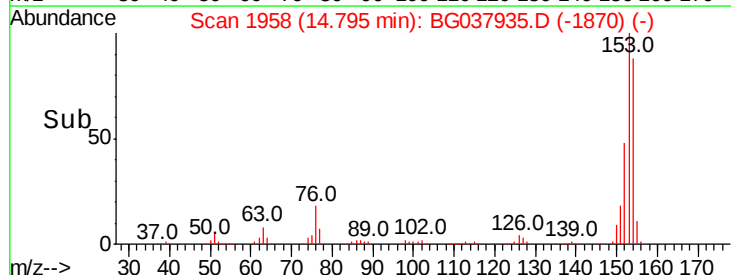
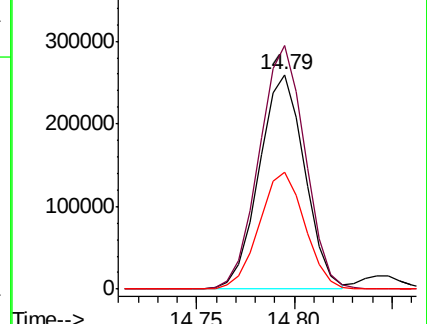
152 54.8 44.7 67.1

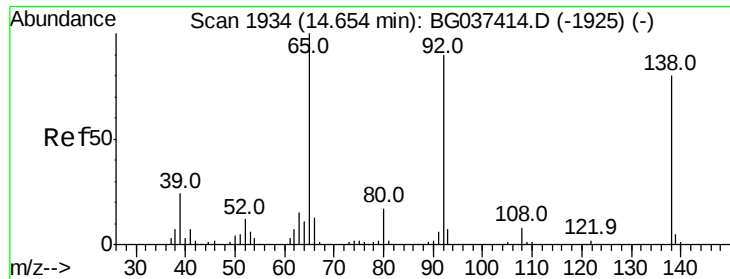


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 25.602 ng

RT: 14.64 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG037935.D

Acq: 10 Nov 2018 00:30

Instrument :

BNA\_G

ClientSampleId :

RT-3263MS

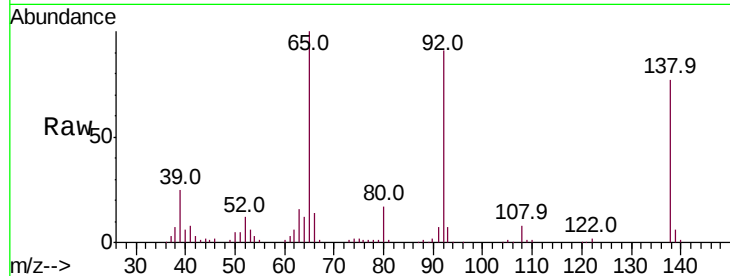
Tot Ion:138 Resp: 70477

Ion Ratio Lower Upper

138 100

108 10.8 11.0 16.6#

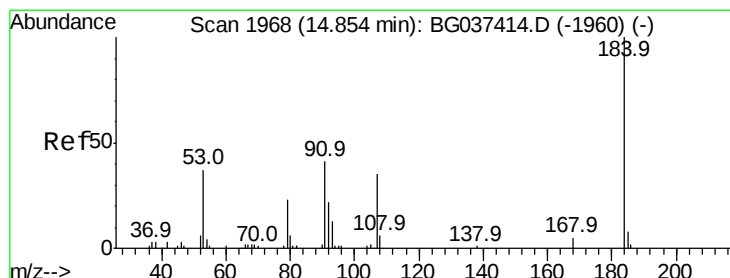
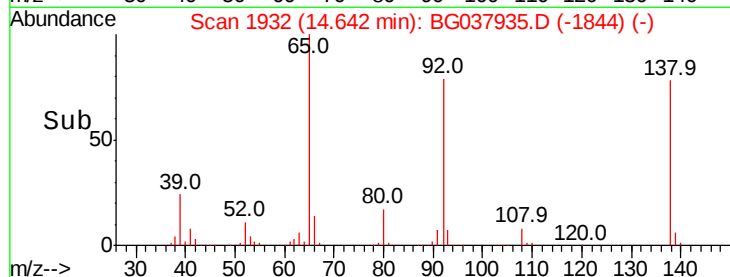
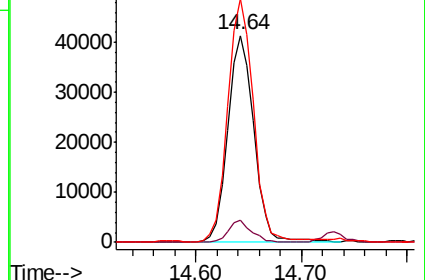
92 117.7 95.2 142.8



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): BGC



#54

2,4-Dinitrophenol

Concen: 55.484 ng

RT: 14.84 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BG037935.D

Acq: 10 Nov 2018 00:30

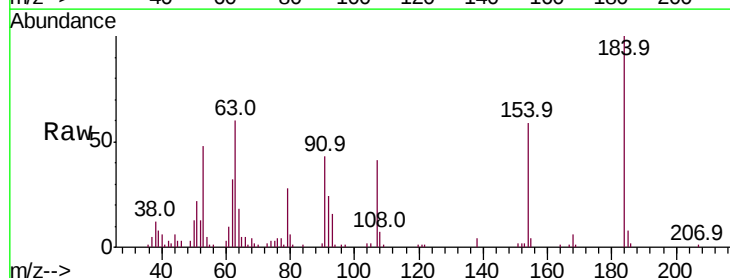
Tgt Ion:184 Resp: 48419

Ion Ratio Lower Upper

184 100

63 60.3 42.6 63.8

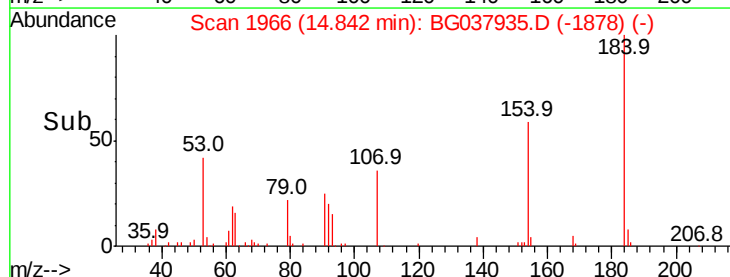
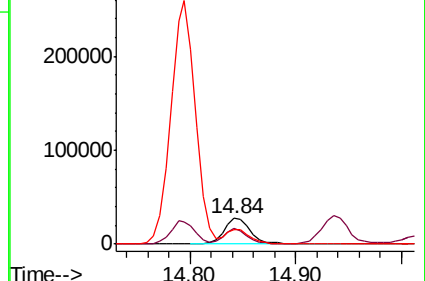
154 58.9 41.8 62.6

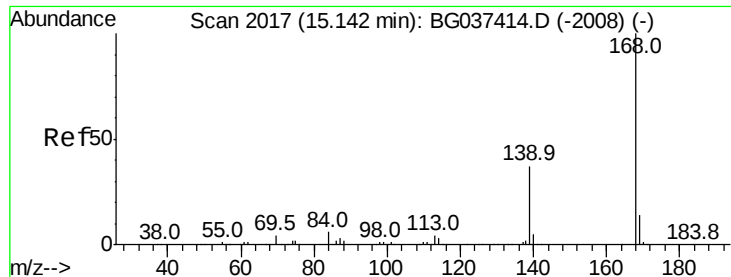


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

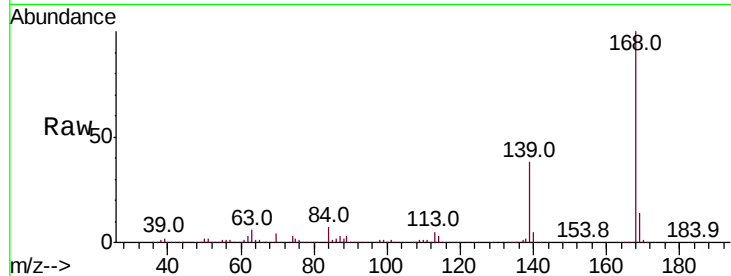




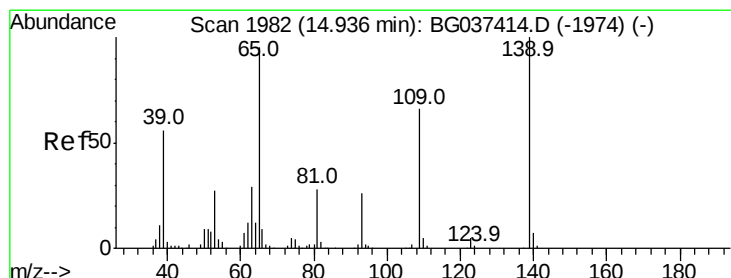
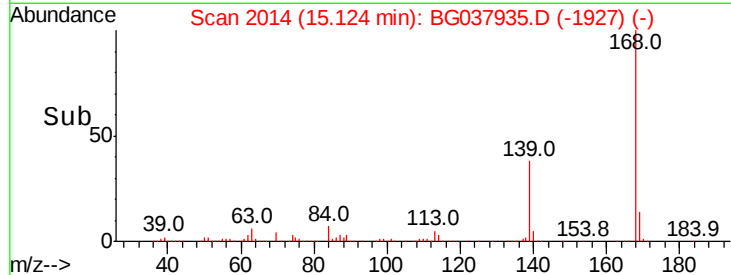
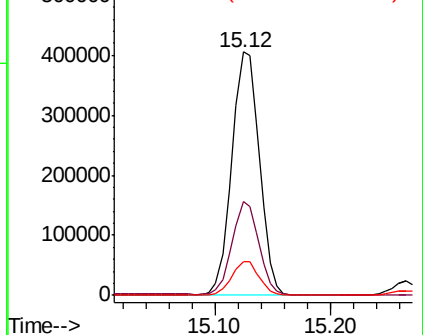
#55  
Dibenzofuran  
Concen: 48.194 ng  
RT: 15.12 min Scan# 2014  
Delta R.T. -0.02 min  
Lab File: BG037935.D  
Acq: 10 Nov 2018 00:30

Instrument :  
BNA\_G  
ClientSampleId :  
RT-3263MS

Tot Ion:168 Resp: 671566  
Ion Ratio Lower Upper  
168 100  
139 38.4 29.4 44.0  
169 14.1 11.0 16.6

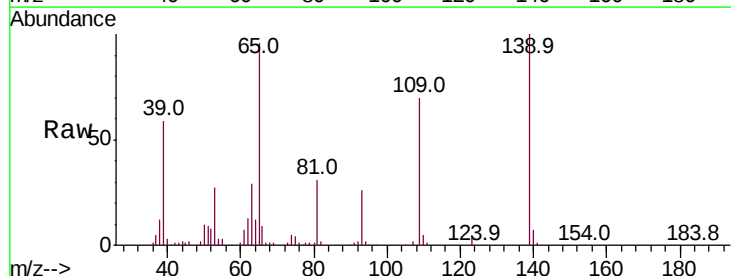


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

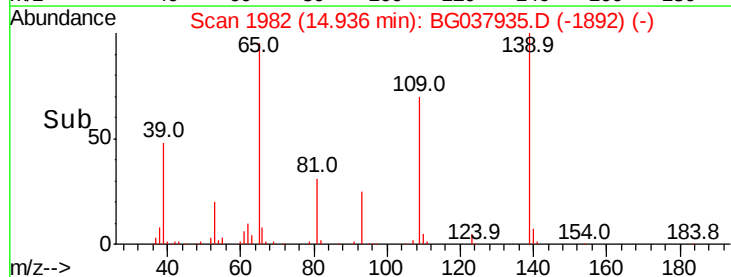
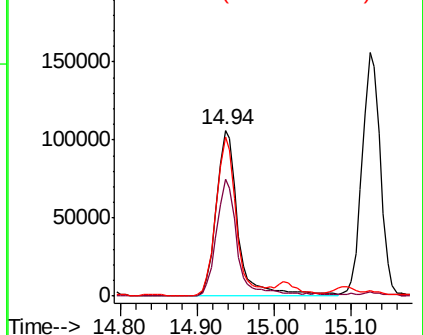


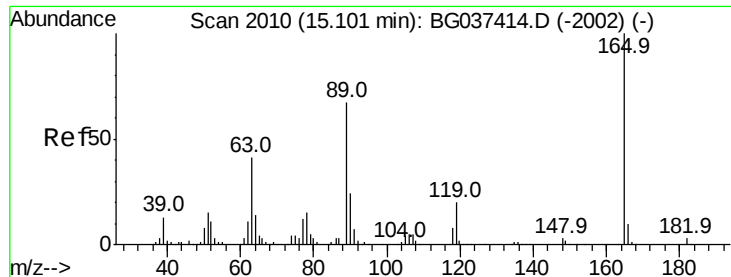
#56  
4-Nitrophenol  
Concen: 102.387 ng  
RT: 14.94 min Scan# 1982  
Delta R.T. -0.00 min  
Lab File: BG037935.D  
Acq: 10 Nov 2018 00:30

Tgt Ion:139 Resp: 208629  
Ion Ratio Lower Upper  
139 100  
109 70.5 49.5 89.5  
65 96.1 76.8 116.8



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

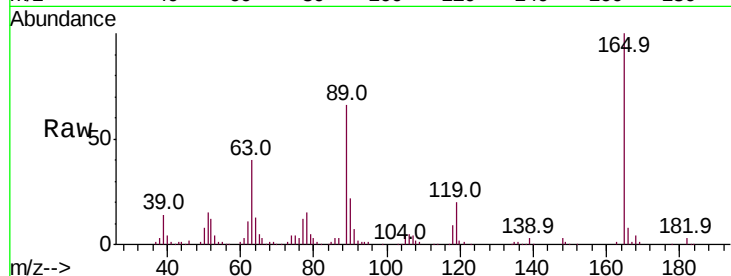




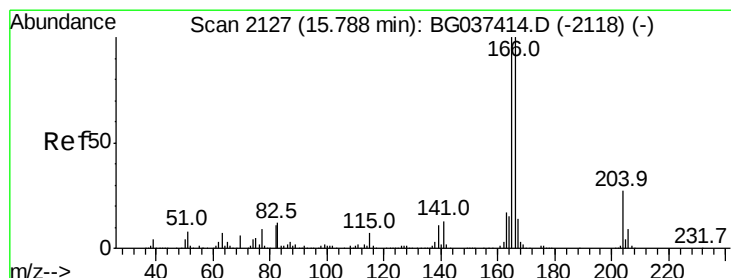
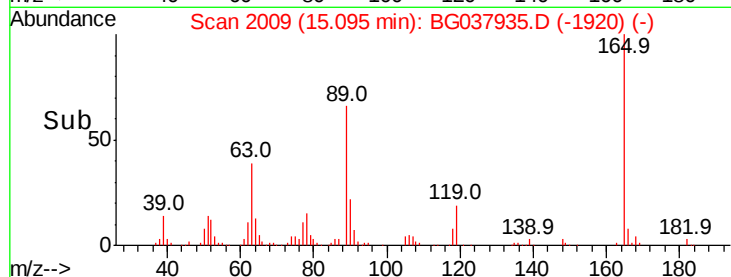
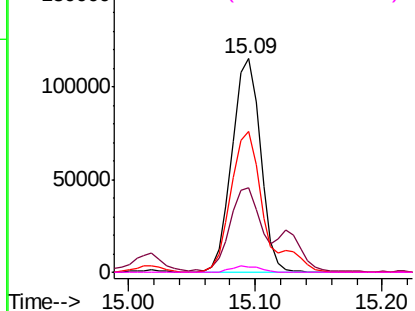
#57  
2,4-Dinitrotoluene  
Concen: 55.084 ng  
RT: 15.09 min Scan# 2009  
Delta R.T. -0.01 min  
Lab File: BG037935.D  
Acq: 10 Nov 2018 00:30

Instrument :  
BNA\_G  
ClientSampleId :  
RT-3263MS

Tot Ion:165 Resp: 179302  
Ion Ratio Lower Upper  
165 100  
63 39.7 33.4 50.0  
89 66.1 57.2 85.8  
182 2.7 2.6 4.0

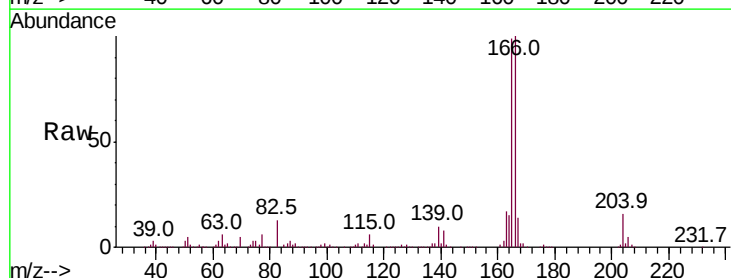


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 89.00 (88.70 to 89.70): BGC  
Ion 182.00 (181.70 to 182.70): E

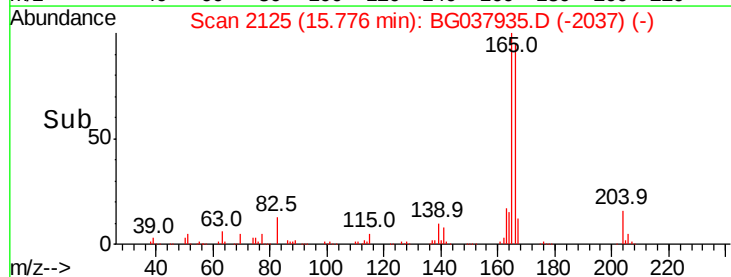
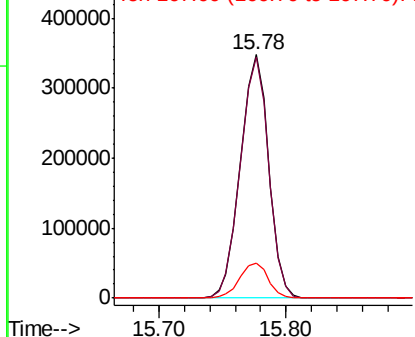


#58  
Fluorene  
Concen: 51.585 ng  
RT: 15.78 min Scan# 2125  
Delta R.T. -0.01 min  
Lab File: BG037935.D  
Acq: 10 Nov 2018 00:30

Tgt Ion:166 Resp: 538293  
Ion Ratio Lower Upper  
166 100  
165 99.0 79.0 118.6  
167 14.2 11.3 16.9



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





#59

2,3,4,6-Tetrachlorophenol

Concen: 50.249 ng

RT: 15.35 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BG037935.D

Acq: 10 Nov 2018 00:30

Instrument :

BNA\_G

ClientSampled :

RT-3263MS

Tot Ion:232 Resp: 146260

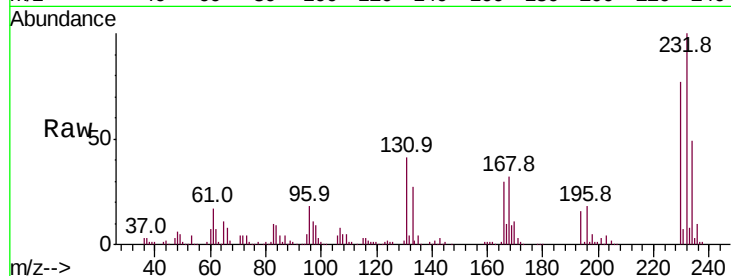
Ion Ratio Lower Upper

232 100

131 42.0 33.7 50.5

130 2.5 2.1 3.1

166 30.1 24.6 36.8

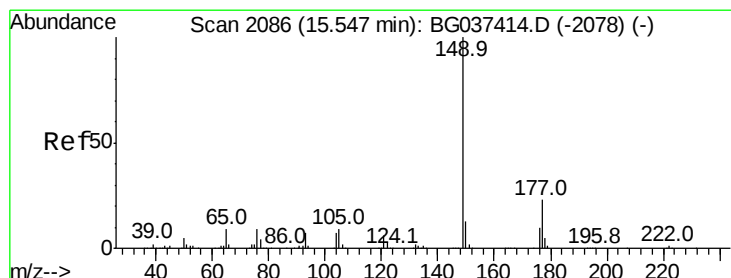
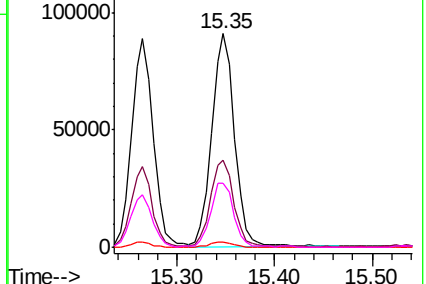
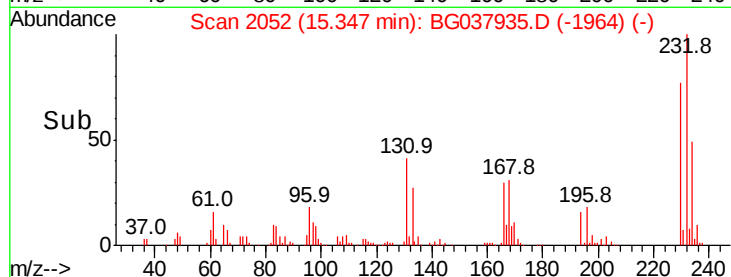


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 49.852 ng

RT: 15.54 min Scan# 2084

Delta R.T. -0.01 min

Lab File: BG037935.D

Acq: 10 Nov 2018 00:30

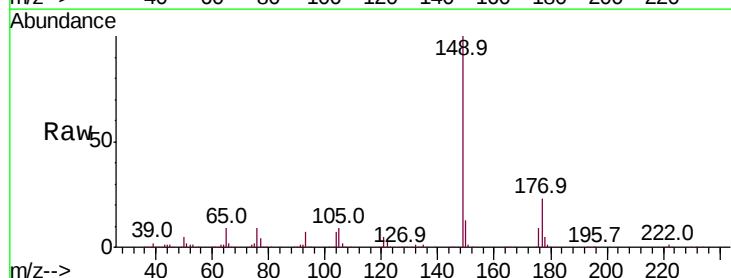
Tgt Ion:149 Resp: 573697

Ion Ratio Lower Upper

149 100

177 23.1 18.3 27.5

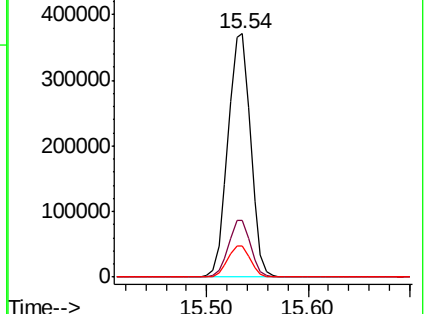
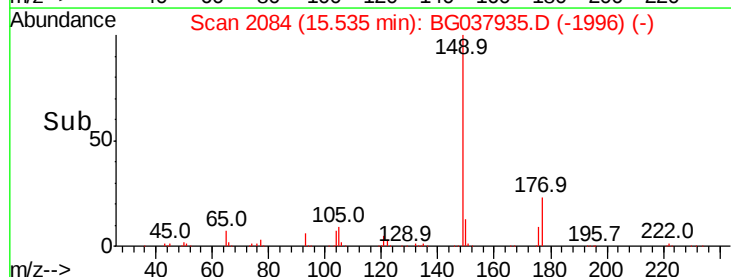
150 12.9 10.0 15.0

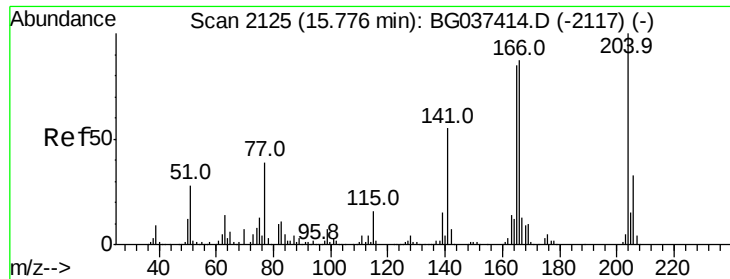


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

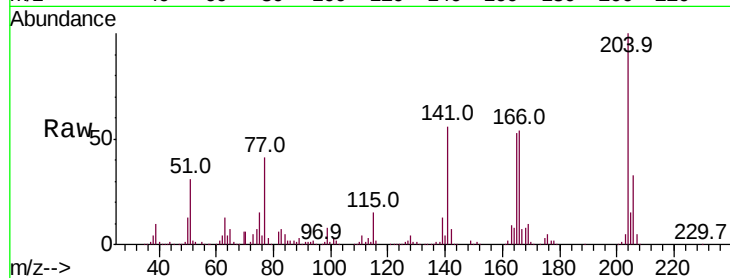




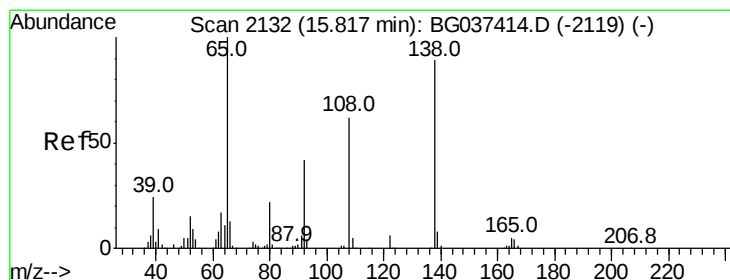
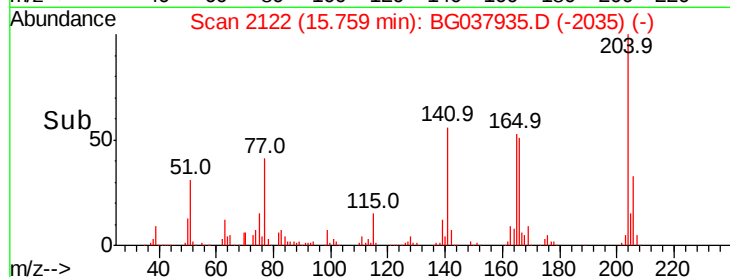
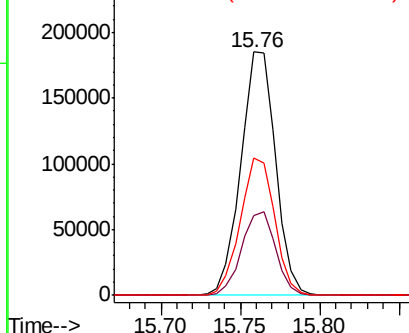
#61  
4-Chlorophenyl-phenylether  
Concen: 46.231 ng  
RT: 15.76 min Scan# 2122  
Delta R.T. -0.02 min  
Lab File: BG037935.D  
Acq: 10 Nov 2018 00:30

Instrument :  
BNA\_G  
ClientSampleId :  
RT-3263MS

Tot Ion:204 Resp: 281186  
Ion Ratio Lower Upper  
204 100  
206 32.7 26.6 39.8  
141 56.4 45.4 68.2

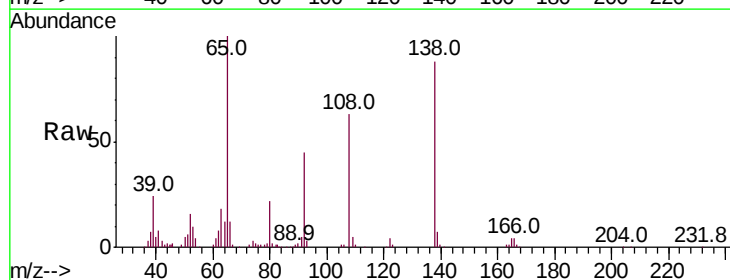


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

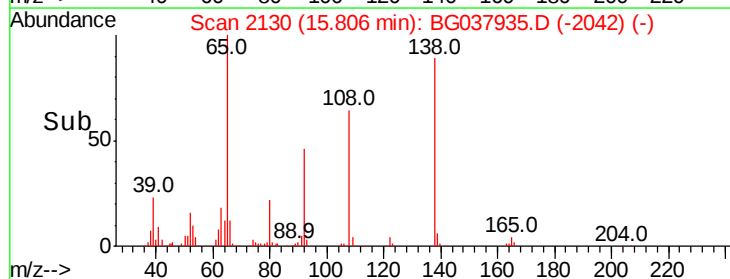
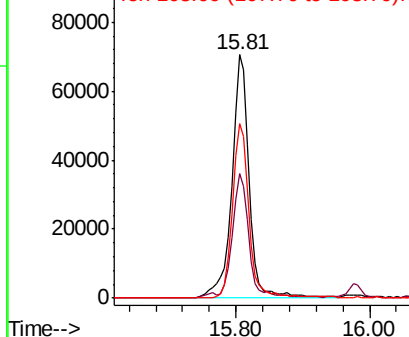


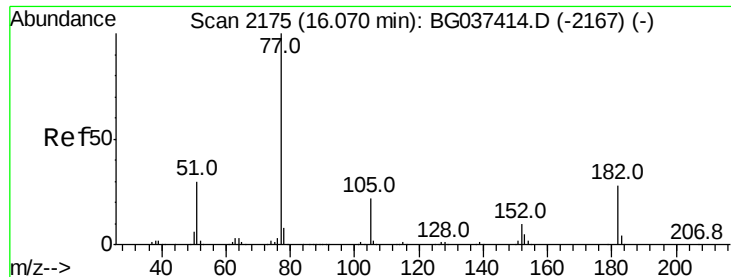
#62  
4-Nitroaniline  
Concen: 47.438 ng  
RT: 15.81 min Scan# 2130  
Delta R.T. -0.01 min  
Lab File: BG037935.D  
Acq: 10 Nov 2018 00:30

Tgt Ion:138 Resp: 129763  
Ion Ratio Lower Upper  
138 100  
92 51.4 36.4 76.4  
108 71.6 60.1 100.1



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





#63

Azobenzene

Concen: 48.791 ng

RT: 16.06 min Scan# 2173

Delta R.T. -0.01 min

Lab File: BG037935.D

Acq: 10 Nov 2018 00:30

Instrument :

BNA\_G

ClientSampleId :

RT-3263MS

Tot Ion: 77 Resp: 535725

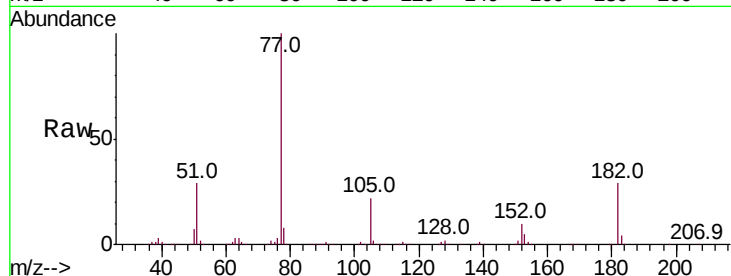
Ion Ratio Lower Upper

77 100

182 28.8 8.0 48.0

105 21.7 1.3 41.3

51 29.2 10.7 50.7

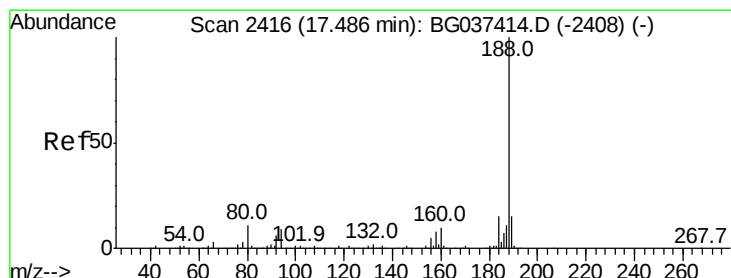
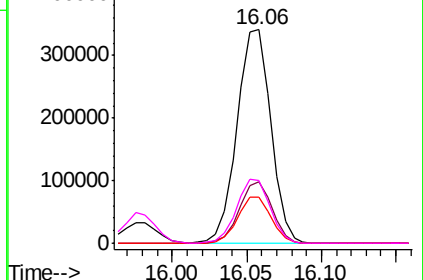
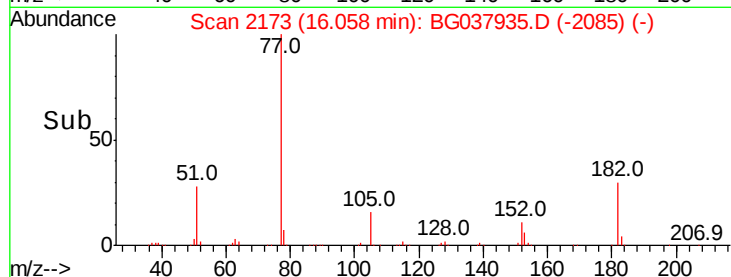


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BG037935.D

Acq: 10 Nov 2018 00:30

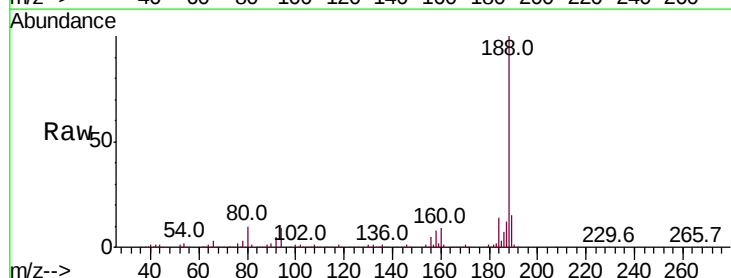
Tgt Ion: 188 Resp: 329840

Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

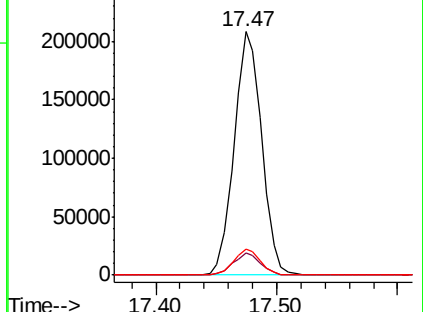
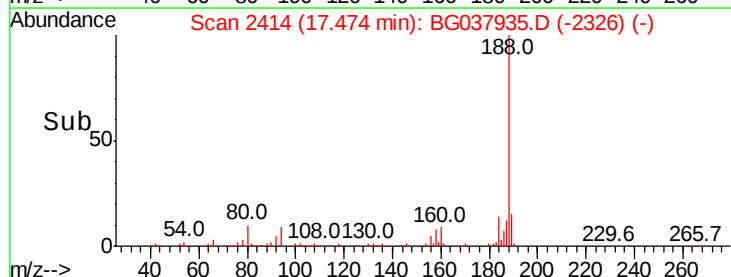
80 10.4 7.7 11.5

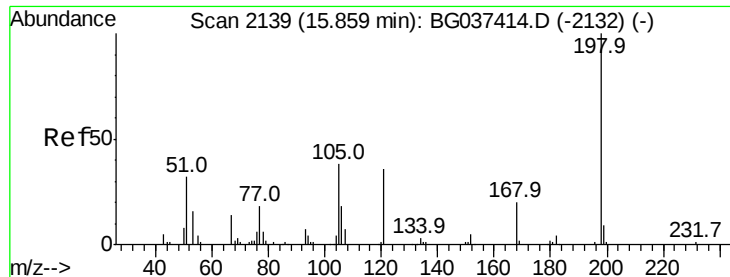


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

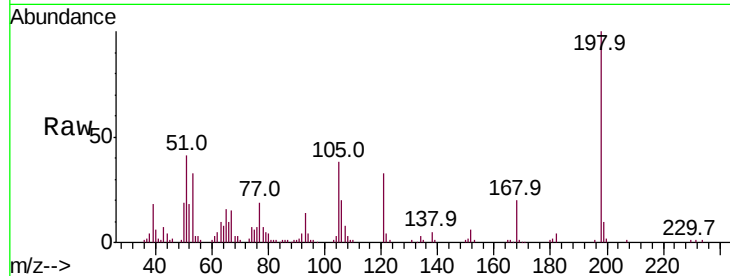




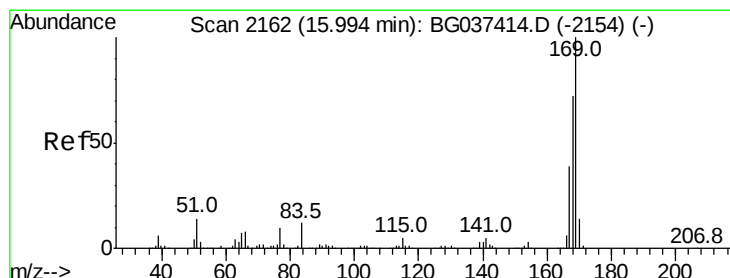
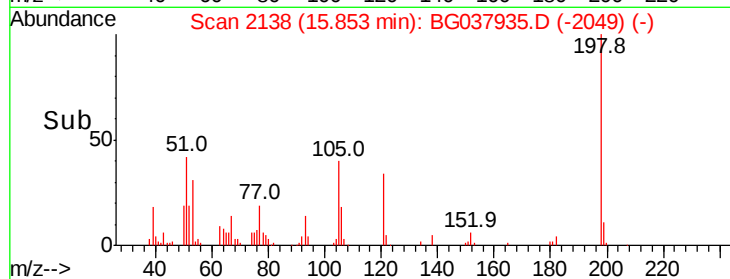
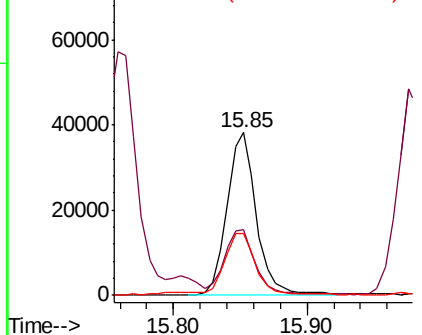
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 36.464 ng  
 RT: 15.85 min Scan# 2138  
 Delta R.T. -0.01 min  
 Lab File: BG037935.D  
 Acq: 10 Nov 2018 00:30

Instrument :  
 BNA\_G  
 ClientSampleId :  
 RT-3263MS

Tot Ion:198 Resp: 58812  
 Ion Ratio Lower Upper  
 198 100  
 51 40.7 22.7 62.7  
 105 38.3 19.7 59.7

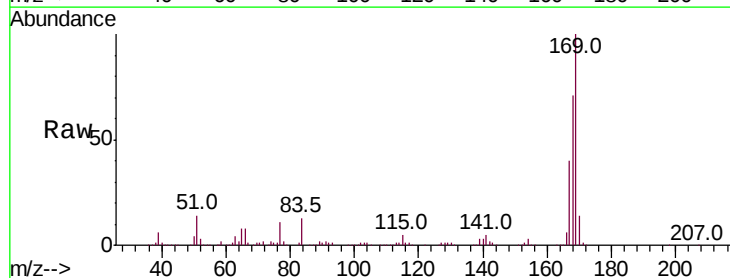


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BG  
 Ion 105.00 (104.70 to 105.70): E

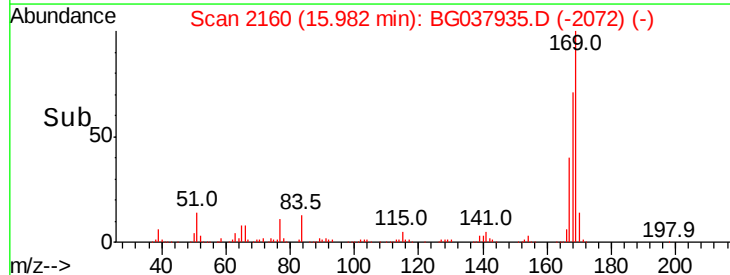
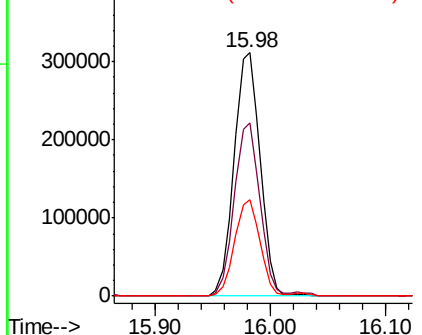


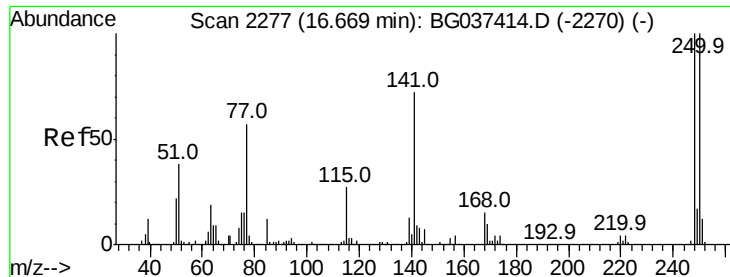
#66  
 n-Nitrosodiphenylamine  
 Concen: 49.072 ng  
 RT: 15.98 min Scan# 2160  
 Delta R.T. -0.01 min  
 Lab File: BG037935.D  
 Acq: 10 Nov 2018 00:30

Tgt Ion:169 Resp: 486874  
 Ion Ratio Lower Upper  
 169 100  
 168 71.3 55.7 83.5  
 167 39.7 31.3 46.9



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

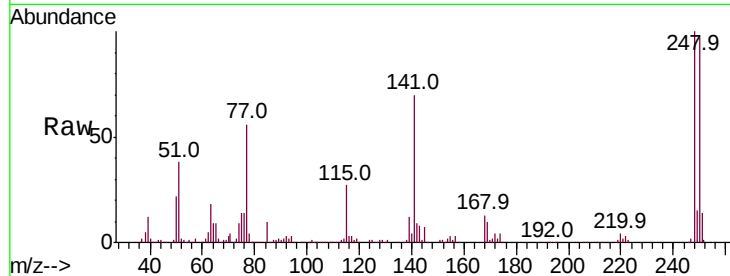




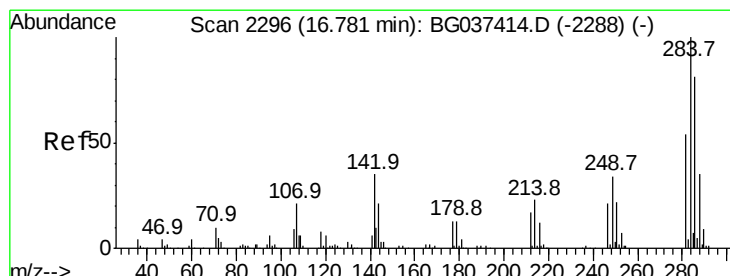
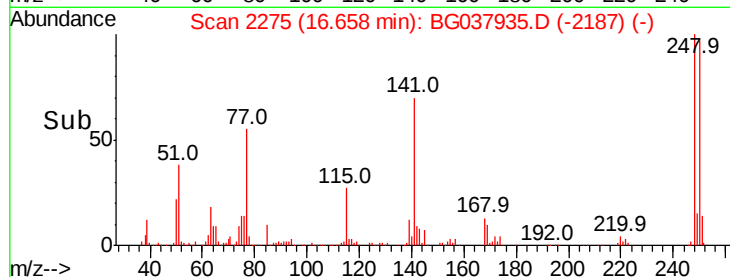
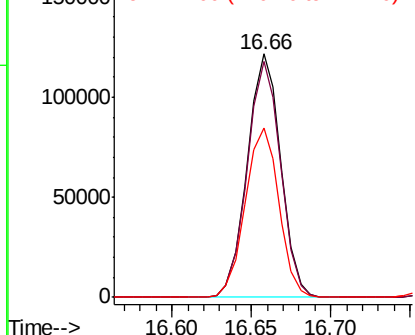
#67  
 4-Bromophenyl-phenylether  
 Concen: 49.297 ng  
 RT: 16.66 min Scan# 2275  
 Delta R.T. -0.01 min  
 Lab File: BG037935.D  
 Acq: 10 Nov 2018 00:30

Instrument :  
 BNA\_G  
 ClientSampleId :  
 RT-3263MS

Tot Ion:248 Resp: 178562  
 Ion Ratio Lower Upper  
 248 100  
 250 97.1 77.0 115.6  
 141 69.7 55.5 83.3

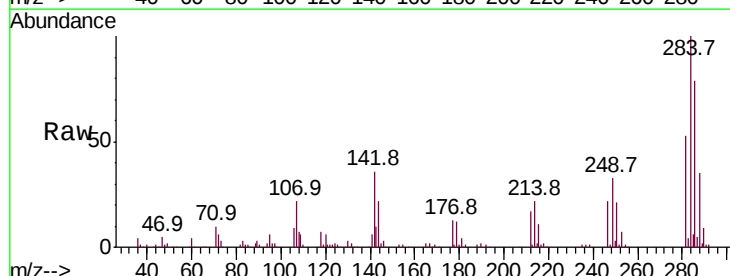


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

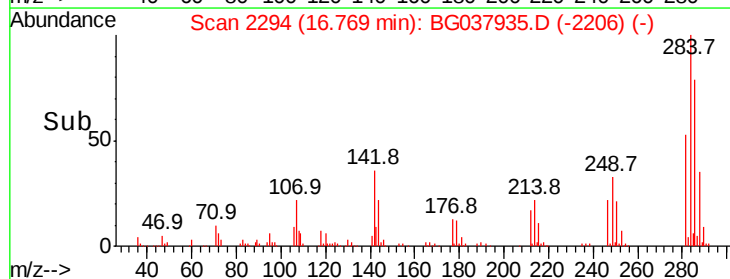
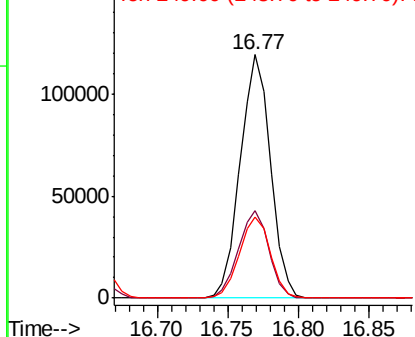


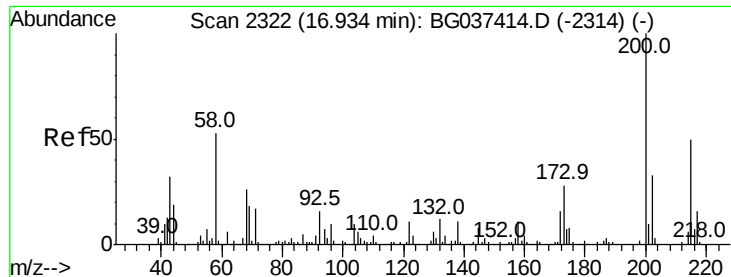
#68  
 Hexachlorobenzene  
 Concen: 47.570 ng  
 RT: 16.77 min Scan# 2294  
 Delta R.T. -0.01 min  
 Lab File: BG037935.D  
 Acq: 10 Nov 2018 00:30

Tgt Ion:284 Resp: 178581  
 Ion Ratio Lower Upper  
 284 100  
 142 36.2 28.1 42.1  
 249 35.8 29.8 44.8



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

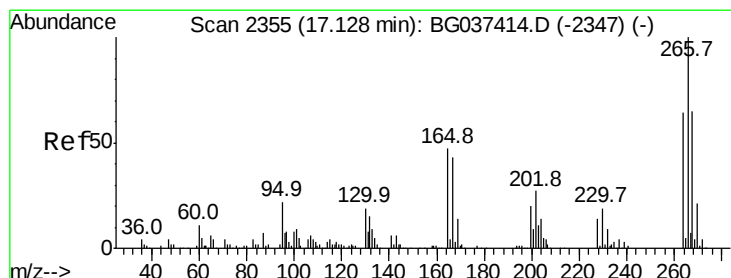
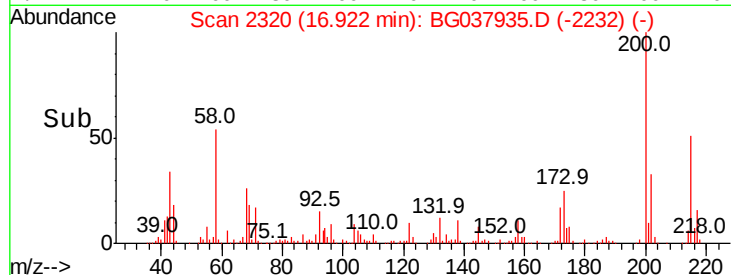
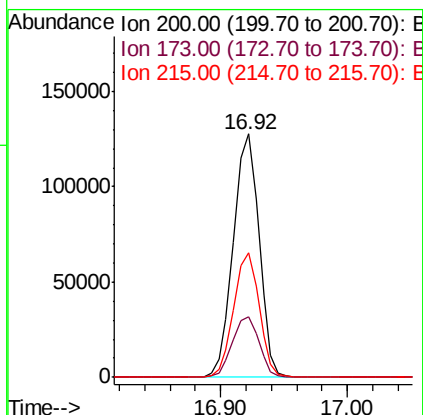
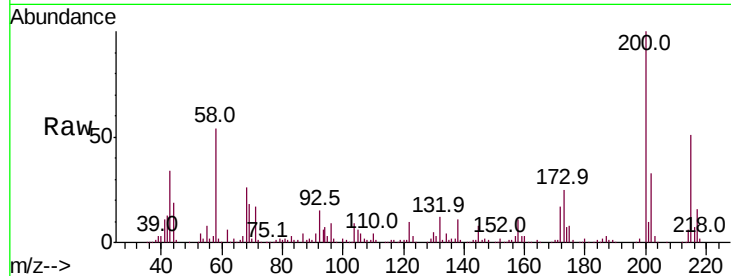




#69  
 Atrazine  
 Concen: 49.971 ng  
 RT: 16.92 min Scan# 2320  
 Delta R.T. -0.01 min  
 Lab File: BG037935.D  
 Acq: 10 Nov 2018 00:30

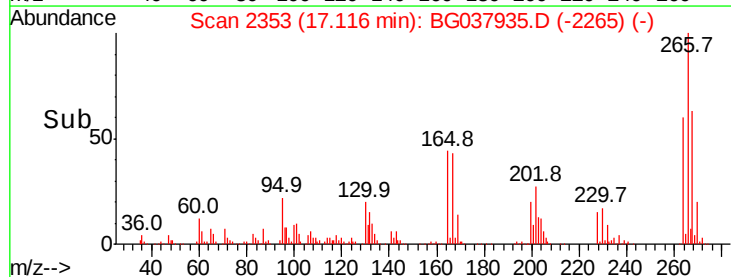
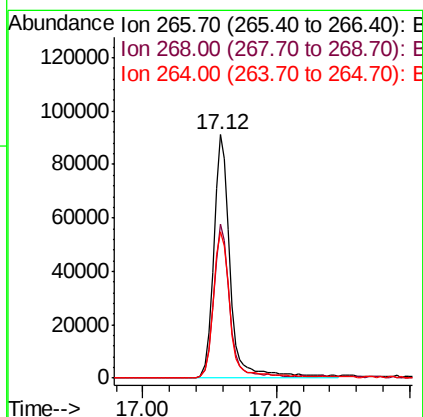
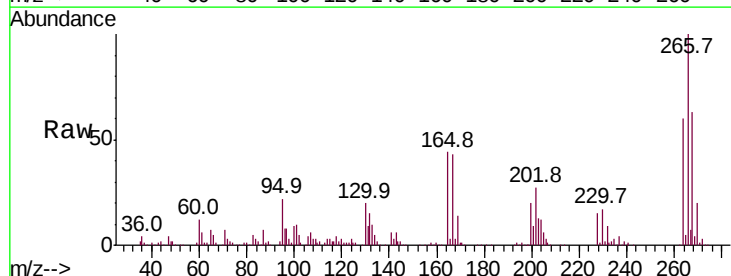
Instrument :  
 BNA\_G  
 ClientSampleId :  
 RT-3263MS

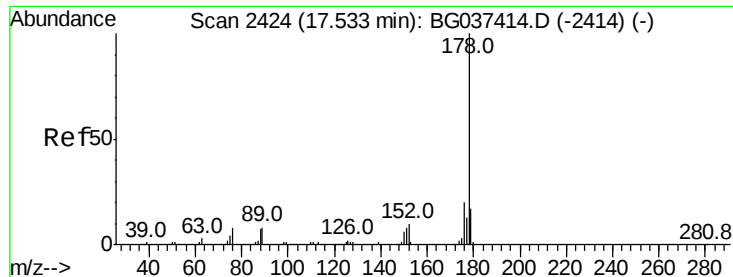
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 25.1  | 6.1   | 46.1  |
| 215     | 51.1  | 30.8  | 70.8  |



#70  
 Pentachlorophenol  
 Concen: 63.785 ng  
 RT: 17.12 min Scan# 2353  
 Delta R.T. -0.01 min  
 Lab File: BG037935.D  
 Acq: 10 Nov 2018 00:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 67.2  | 55.0  | 82.6  |
| 264     | 65.2  | 58.9  | 88.3  |

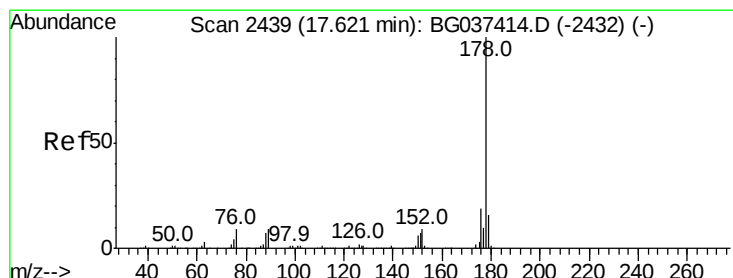
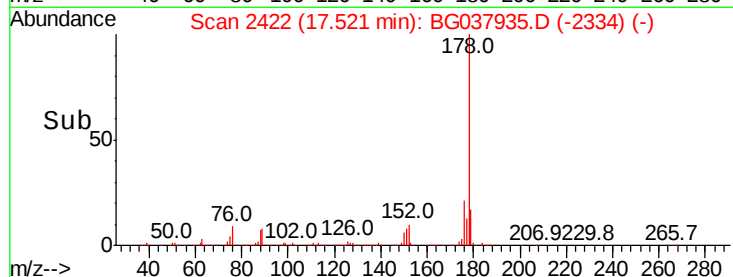
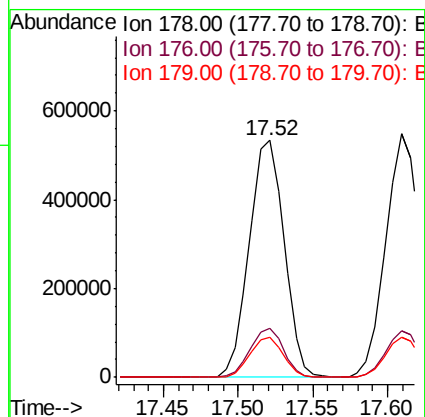
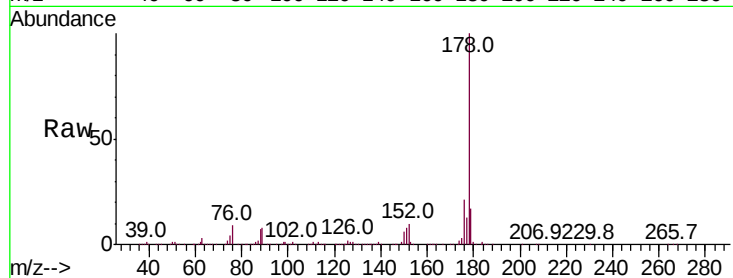




#71  
Phenanthrene  
Concen: 51.545 ng  
RT: 17.52 min Scan# 2422  
Delta R.T. -0.01 min  
Lab File: BG037935.D  
Acq: 10 Nov 2018 00:30

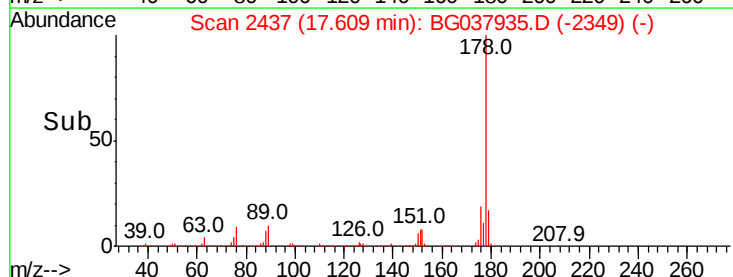
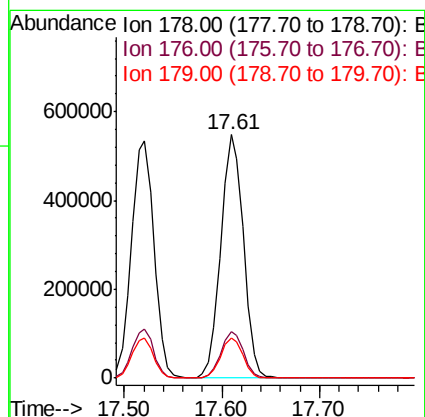
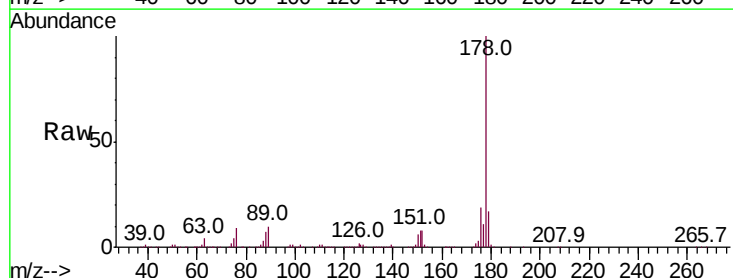
Instrument :  
BNA\_G  
ClientSampleId :  
RT-3263MS

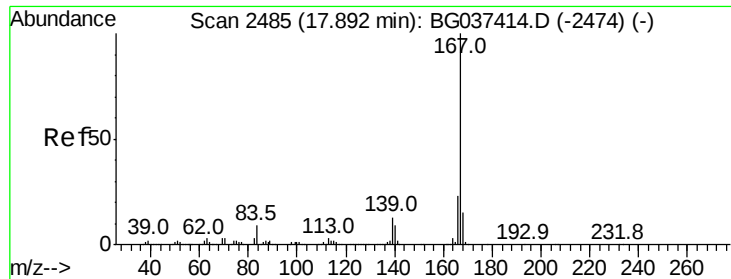
Tot Ion:178 Resp: 864074  
Ion Ratio Lower Upper  
178 100  
176 20.6 16.1 24.1  
179 16.9 13.0 19.4



#72  
Anthracene  
Concen: 53.525 ng  
RT: 17.61 min Scan# 2437  
Delta R.T. -0.01 min  
Lab File: BG037935.D  
Acq: 10 Nov 2018 00:30

Tgt Ion:178 Resp: 880535  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.0 22.4  
179 16.6 12.8 19.2

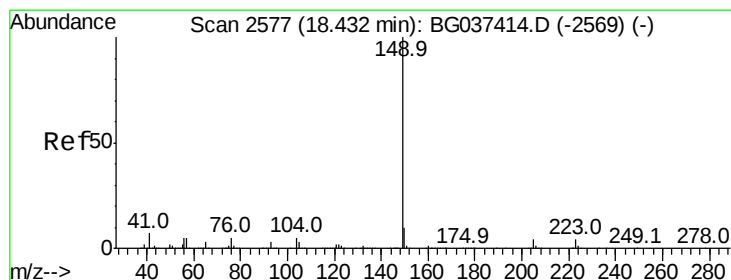
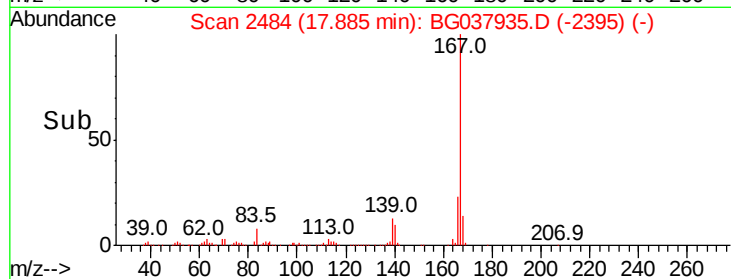
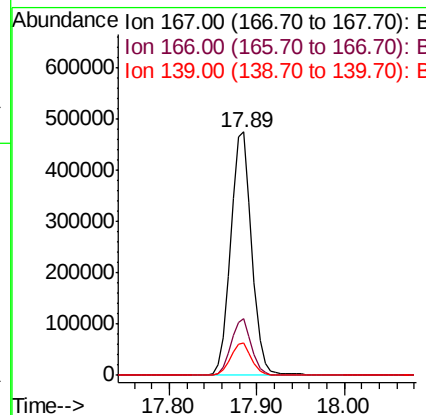
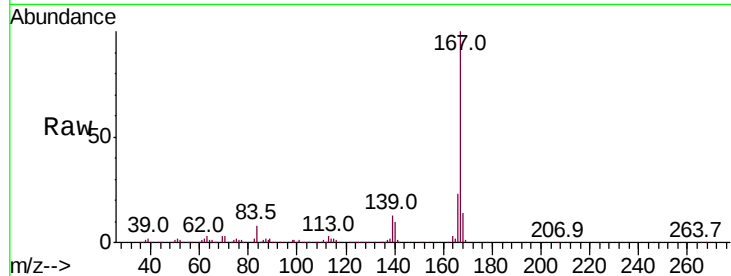




#73  
 Carbazole  
 Concen: 47.747 ng  
 RT: 17.89 min Scan# 2484  
 Delta R.T. -0.01 min  
 Lab File: BG037935.D  
 Acq: 10 Nov 2018 00:30

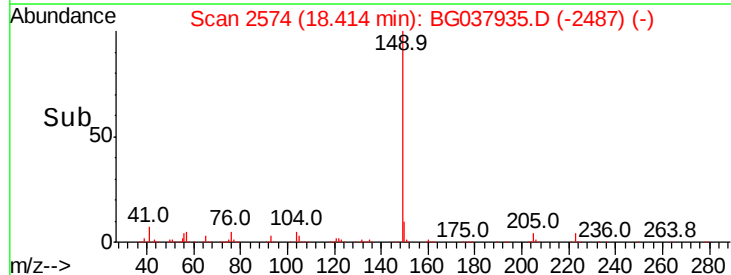
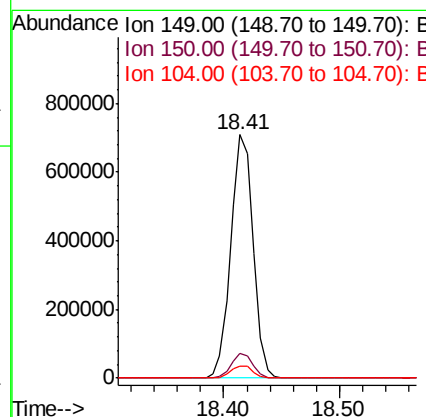
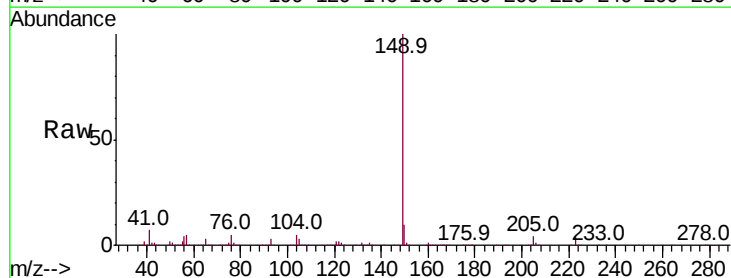
Instrument :  
 BNA\_G  
 ClientSampleId :  
 RT-3263MS

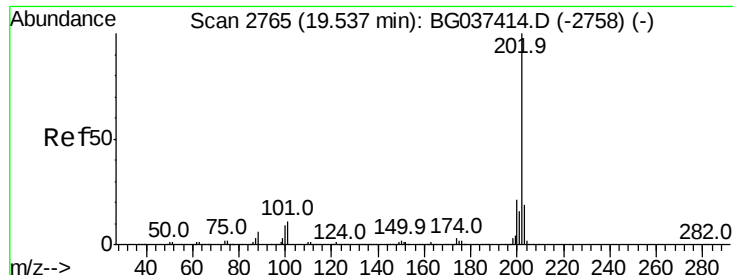
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 23.4  | 18.3  | 27.5  |
| 139     | 13.2  | 10.5  | 15.7  |



#74  
 Di-n-butylphthalate  
 Concen: 51.846 ng  
 RT: 18.41 min Scan# 2574  
 Delta R.T. -0.02 min  
 Lab File: BG037935.D  
 Acq: 10 Nov 2018 00:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.3  | 8.2   | 12.2  |
| 104     | 4.8   | 4.0   | 6.0   |





#75

Fluoranthene

Concen: 52.141 ng

RT: 19.52 min Scan# 2763

Delta R.T. -0.01 min

Lab File: BG037935.D

Acq: 10 Nov 2018 00:30

Instrument :

BNA\_G

ClientSampleId :

RT-3263MS

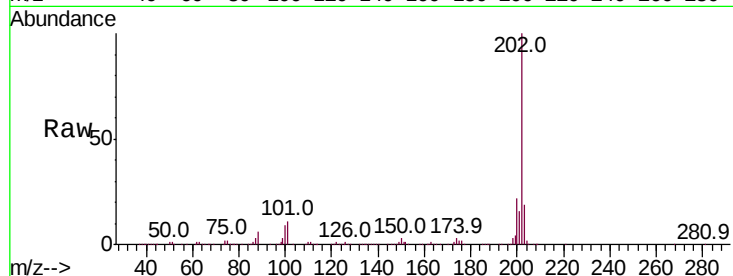
Tot Ion:202 Resp: 991346

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 11.0  | 0.0   | 30.7  |
| 203 | 19.4  | 0.0   | 38.5  |

202 100

101 11.0 0.0 30.7

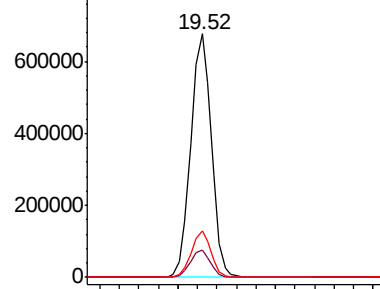
203 19.4 0.0 38.5



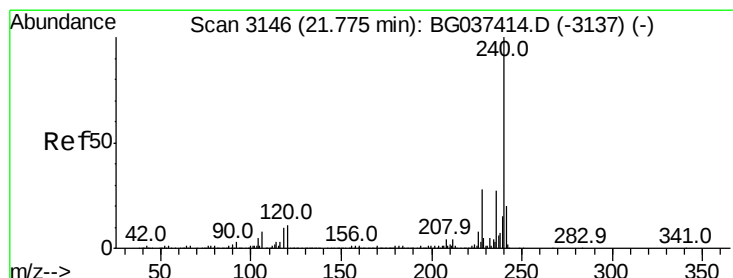
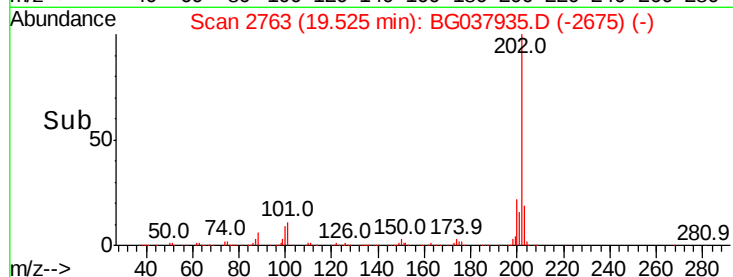
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG037935.D

Acq: 10 Nov 2018 00:30

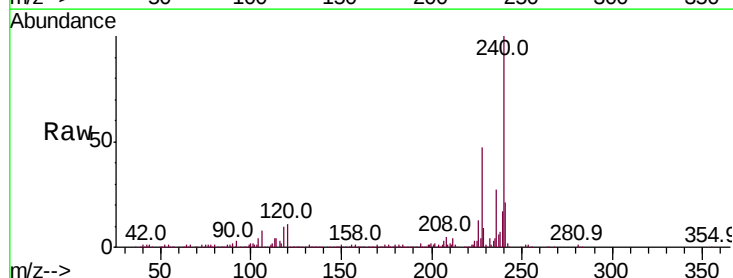
Tgt Ion:240 Resp: 294250

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 10.9  | 8.1   | 12.1  |
| 236 | 26.6  | 21.4  | 32.0  |

240 100

120 10.9 8.1 12.1

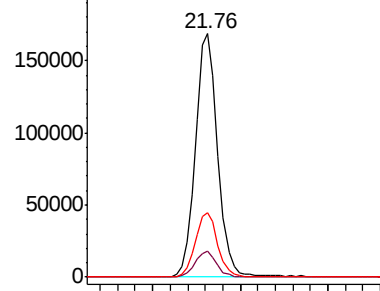
236 26.6 21.4 32.0



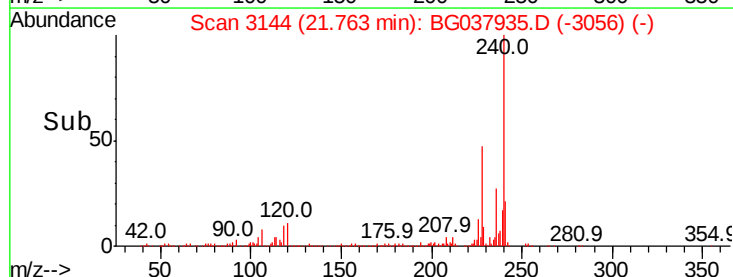
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 10.863 ng

RT: 19.71 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BG037935.D

Acq: 10 Nov 2018 00:30

Instrument :

BNA\_G

ClientSampleId :

RT-3263MS

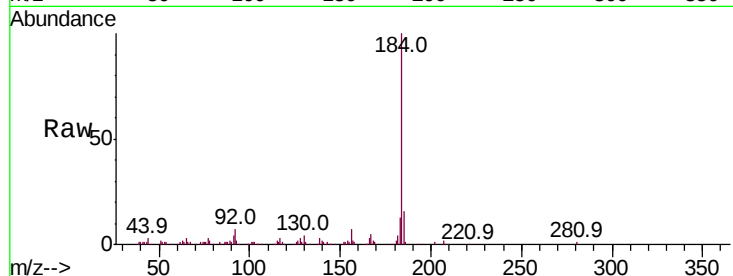
Tot Ion:184 Resp: 108688

Ion Ratio Lower Upper

184 100

185 15.6 12.6 18.8

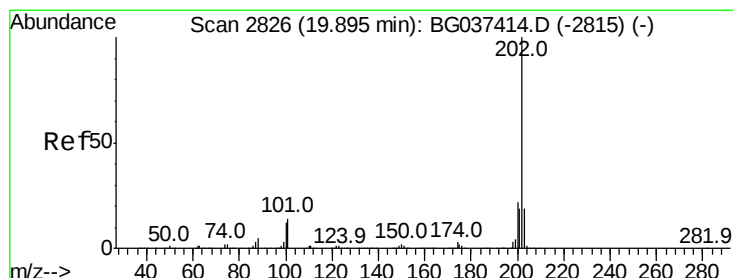
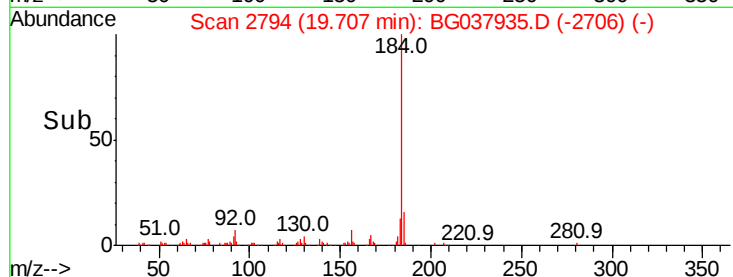
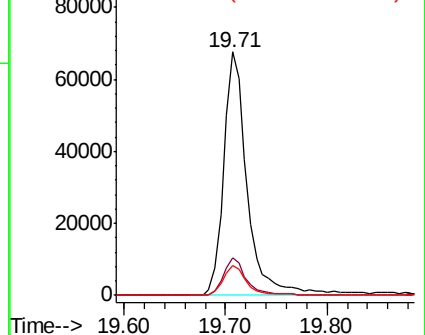
183 12.5 10.2 15.2



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



#78

Pyrene

Concen: 51.778 ng

RT: 19.89 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BG037935.D

Acq: 10 Nov 2018 00:30

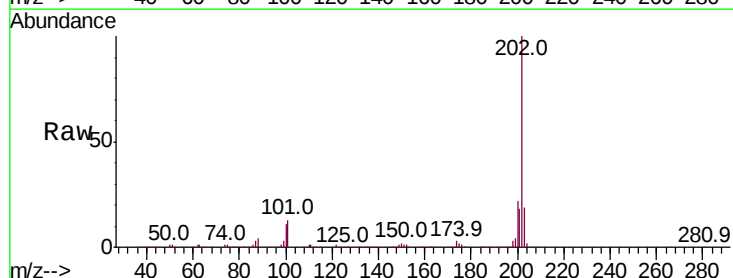
Tgt Ion:202 Resp: 995987

Ion Ratio Lower Upper

202 100

200 22.0 17.8 26.6

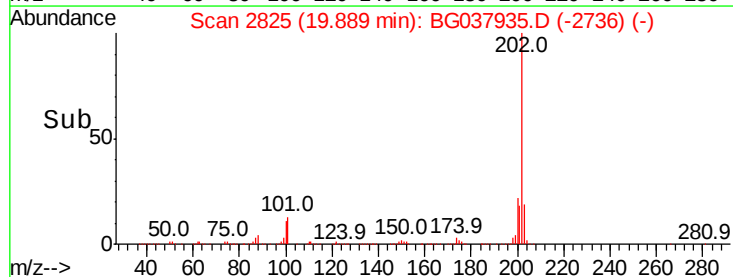
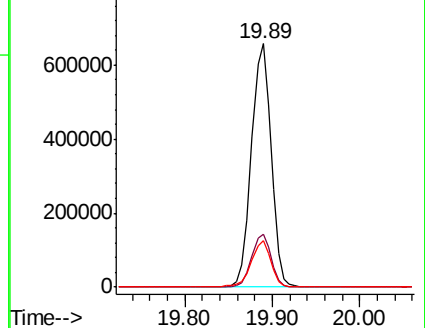
203 19.0 15.2 22.8

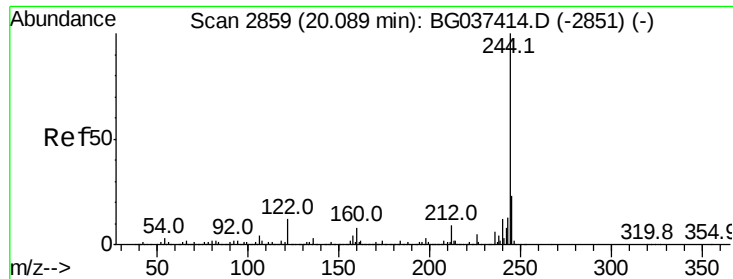


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.344 ng

RT: 20.08 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037935.D

Acq: 10 Nov 2018 00:30

Instrument :

BNA\_G

ClientSampleId :

RT-3263MS

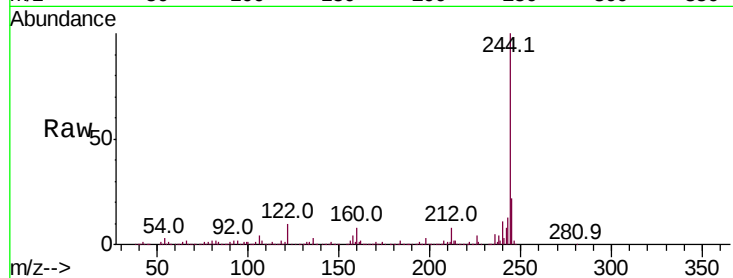
Tot Ion:244 Resp: 1133946

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

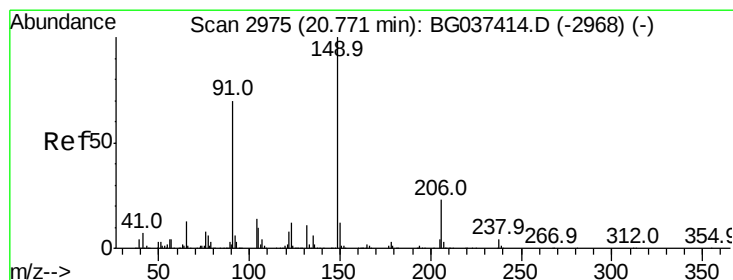
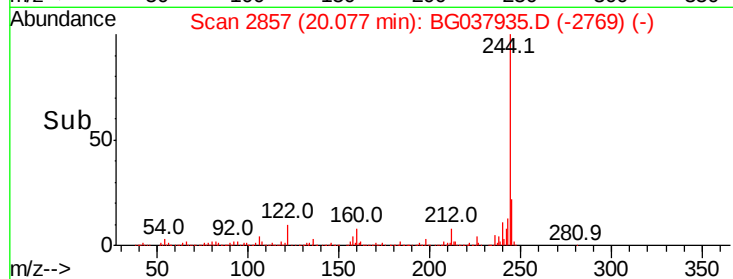
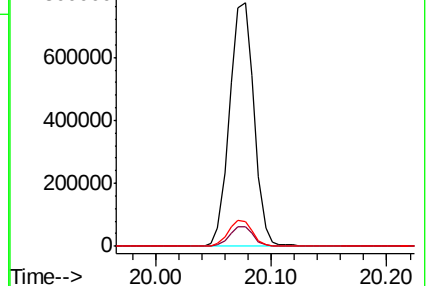
122 10.2 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 55.044 ng

RT: 20.76 min Scan# 2973

Delta R.T. -0.01 min

Lab File: BG037935.D

Acq: 10 Nov 2018 00:30

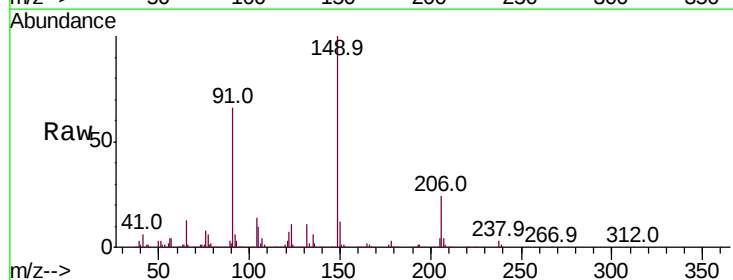
Tgt Ion:149 Resp: 433325

Ion Ratio Lower Upper

149 100

91 65.6 57.0 85.4

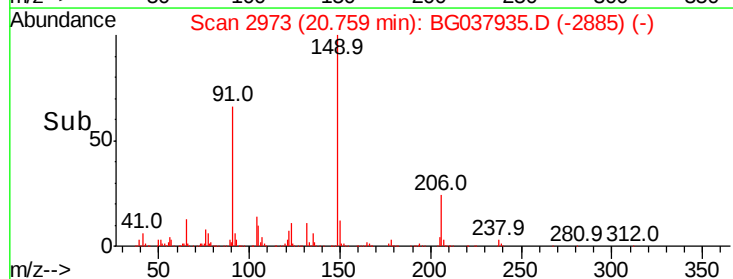
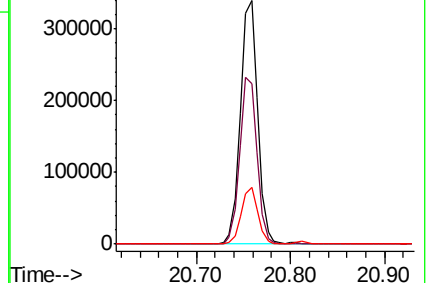
206 23.5 17.8 26.6

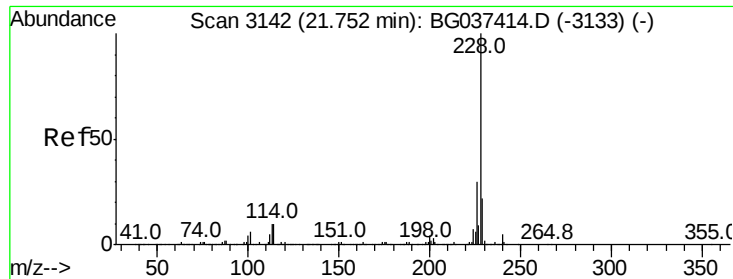


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 53.087 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG037935.D

Acq: 10 Nov 2018 00:30

Instrument :

BNA\_G

ClientSampleId :

RT-3263MS

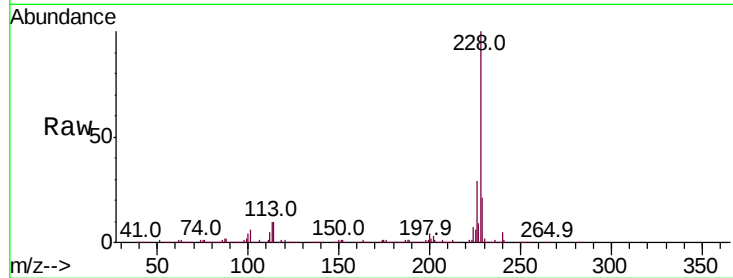
Tot Ion:228 Resp: 923954

Ion Ratio Lower Upper

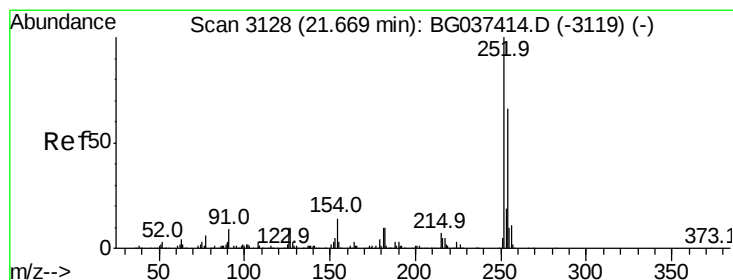
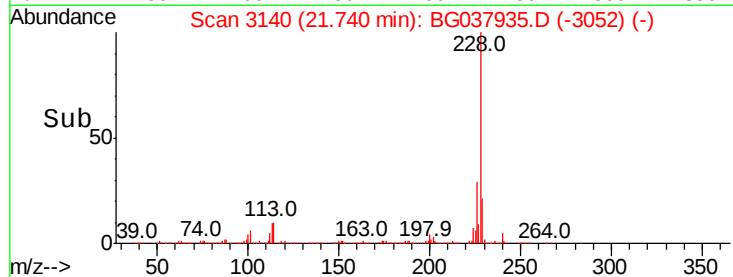
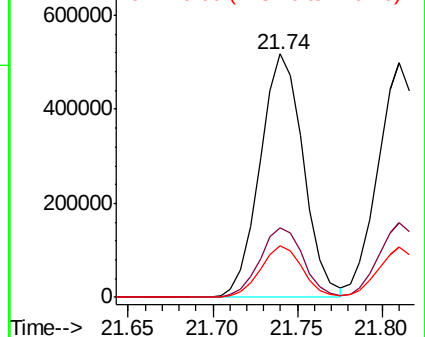
228 100

226 28.6 22.6 33.8

229 21.2 16.3 24.5



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



#82

3,3'-Dichlorobenzidine

Concen: 22.532 ng

RT: 21.66 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BG037935.D

Acq: 10 Nov 2018 00:30

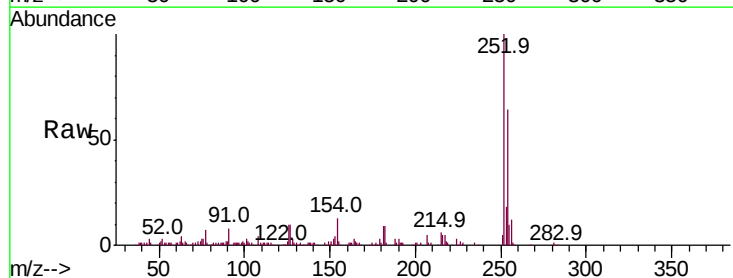
Tgt Ion:252 Resp: 152005

Ion Ratio Lower Upper

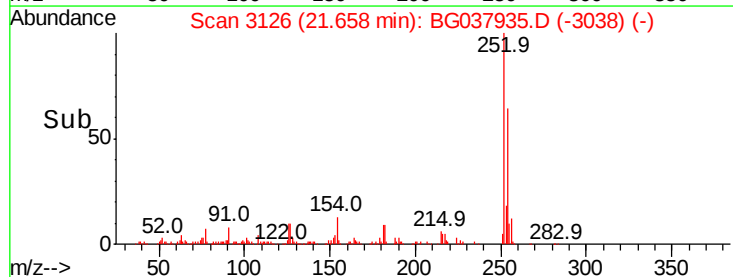
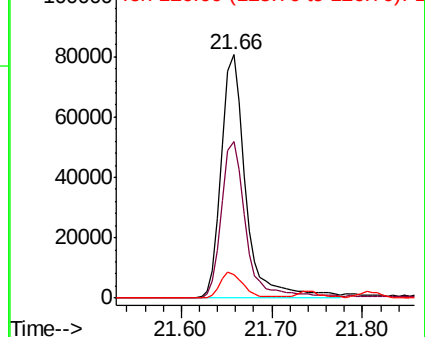
252 100

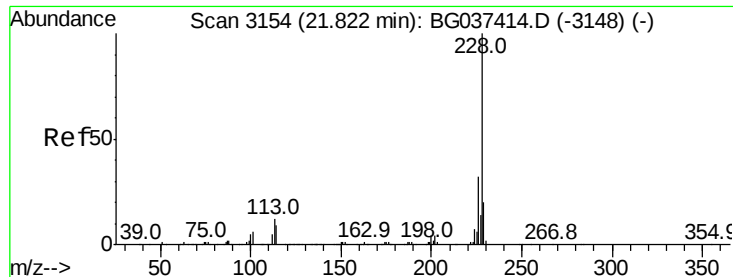
254 64.4 52.0 78.0

126 9.6 8.2 12.4



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





#83

Chrvsene

Concen: 51.785 ng

RT: 21.81 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BG037935.D

Acq: 10 Nov 2018 00:30

Instrument :

BNA\_G

ClientSampleId :

RT-3263MS

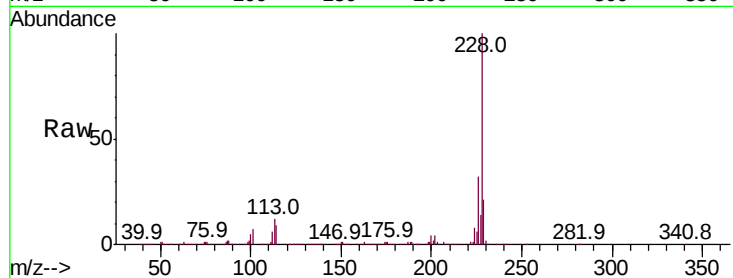
Tot Ion:228 Resp: 866664

Ion Ratio Lower Upper

228 100

226 31.8 25.7 38.5

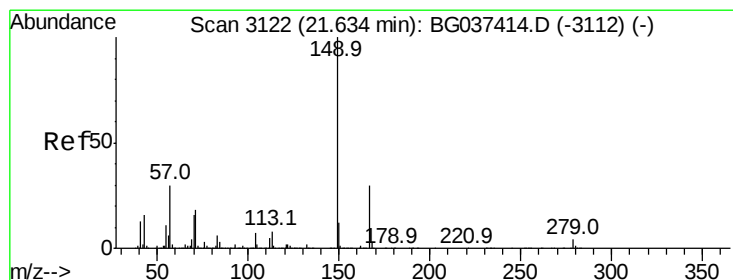
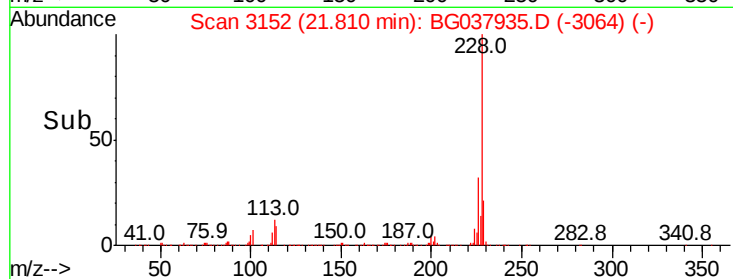
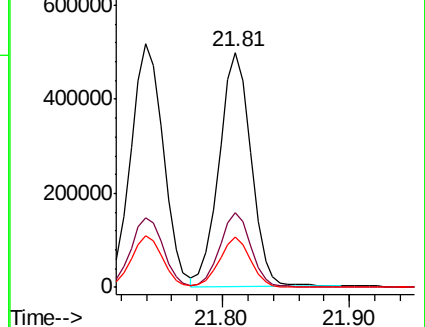
229 21.2 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.949 ng

RT: 21.61 min Scan# 3118

Delta R.T. -0.02 min

Lab File: BG037935.D

Acq: 10 Nov 2018 00:30

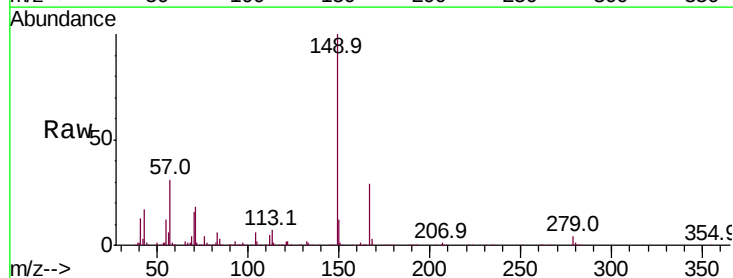
Tgt Ion:149 Resp: 606351

Ion Ratio Lower Upper

149 100

167 29.2 23.0 34.4

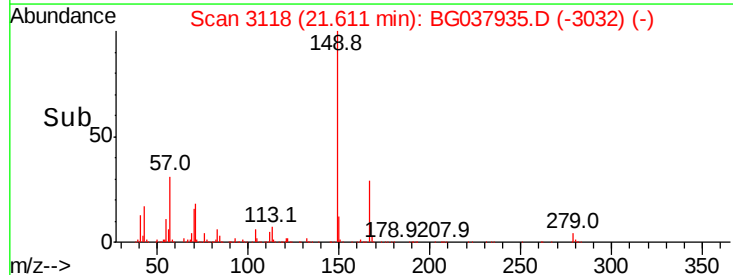
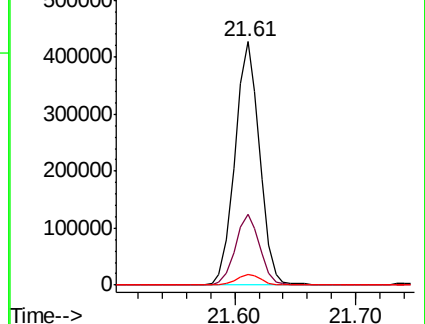
279 4.3 3.6 5.4

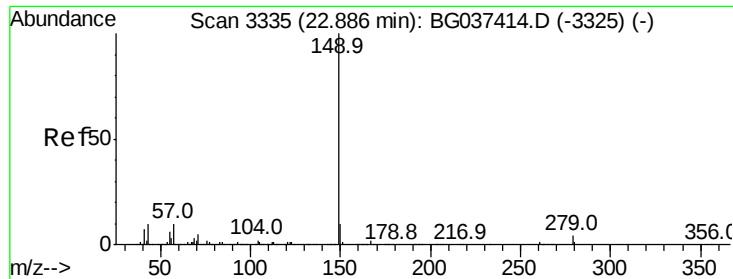


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 57.114 ng

RT: 22.85 min Scan# 3329

Delta R.T. -0.04 min

Lab File: BG037935.D

Acq: 10 Nov 2018 00:30

Instrument :

BNA\_G

ClientSampleId :

RT-3263MS

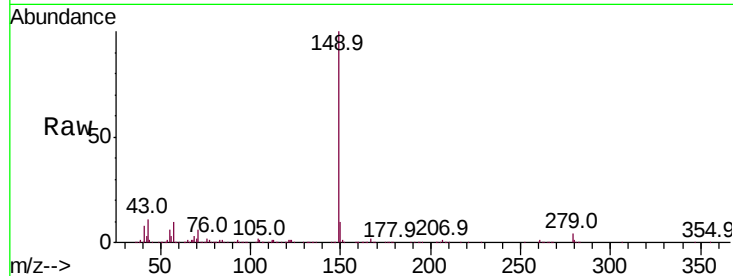
Tot Ion:149 Resp: 1027704

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

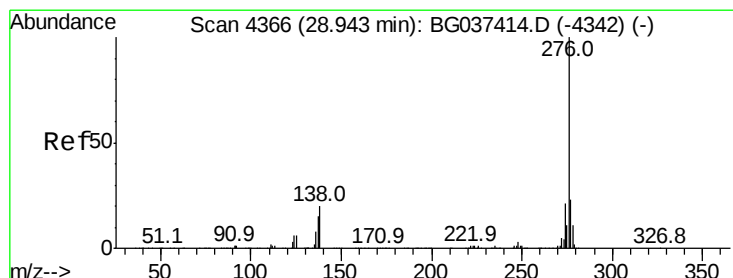
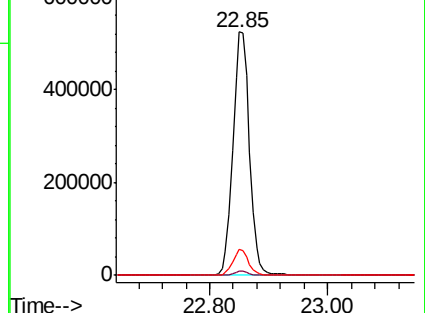
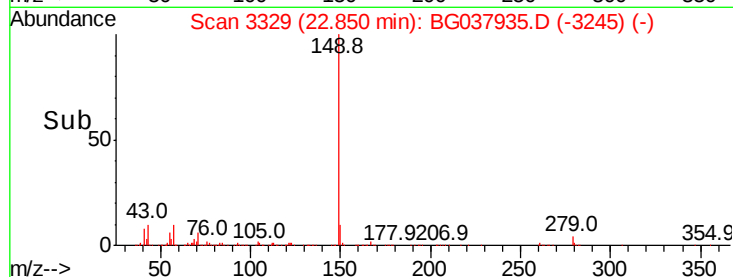
43 10.0 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.274 ng

RT: 28.91 min Scan# 4360

Delta R.T. -0.04 min

Lab File: BG037935.D

Acq: 10 Nov 2018 00:30

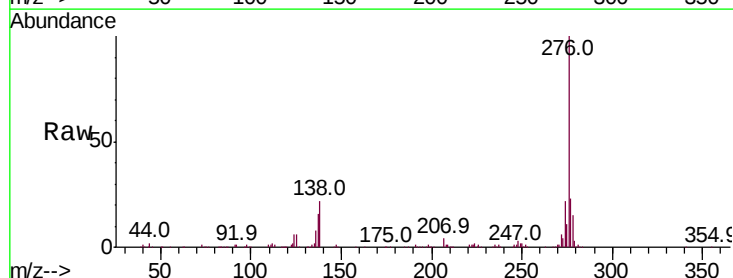
Tgt Ion:276 Resp: 758818

Ion Ratio Lower Upper

276 100

138 24.8 12.0 18.0#

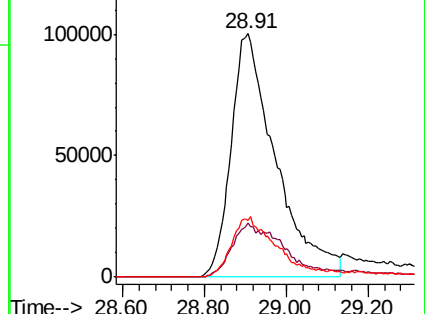
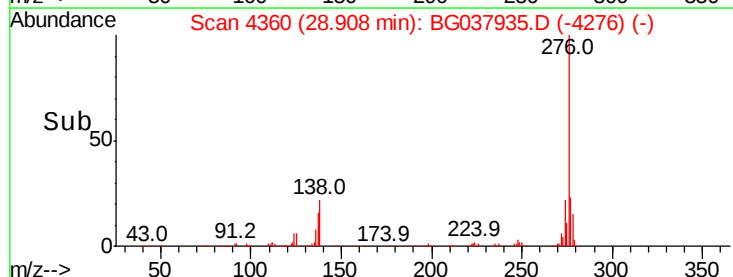
277 24.9 20.6 30.8

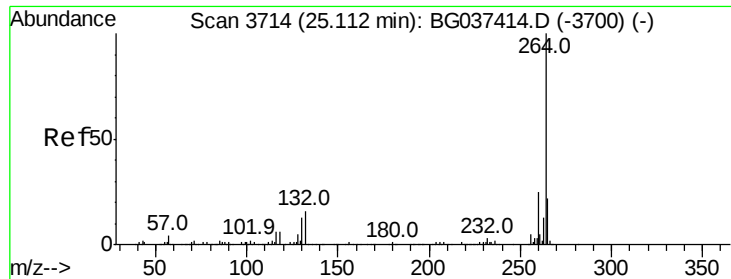


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3710

Delta R.T. -0.02 min

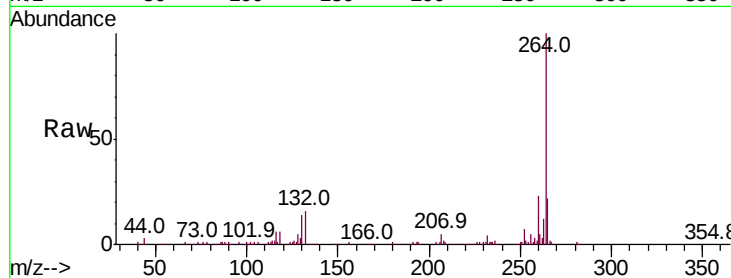
Lab File: BG037935.D

Acq: 10 Nov 2018 00:30

Instrument :  
BNA\_G  
ClientSampleId :  
RT-3263MS

Tot Ion:264 Resp: 296336

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 22.8  | 18.2  | 27.4  |
| 265 | 22.5  | 17.9  | 26.9  |

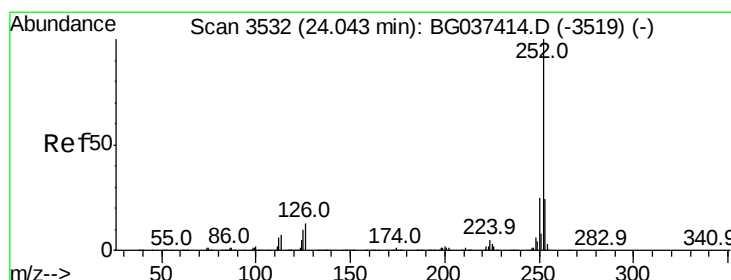
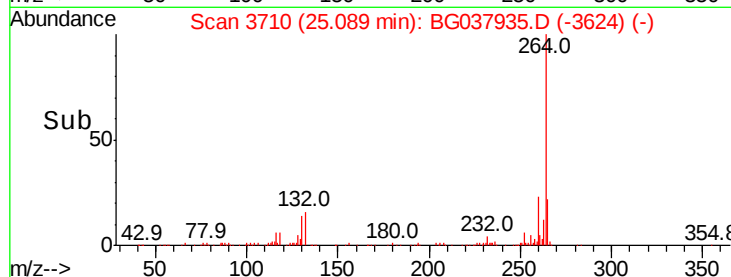
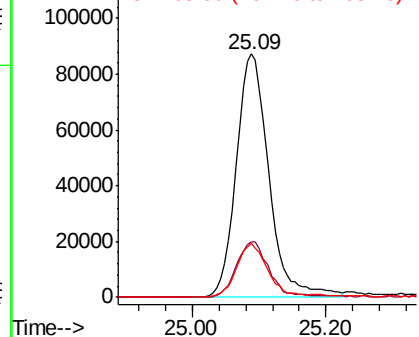


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 53.827 ng

RT: 24.03 min Scan# 3529

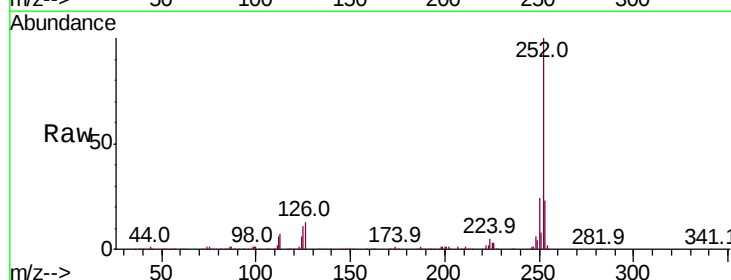
Delta R.T. -0.02 min

Lab File: BG037935.D

Acq: 10 Nov 2018 00:30

Tgt Ion:252 Resp: 874480

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.2  | 18.2  | 27.2  |
| 125 | 10.8  | 7.8   | 11.6  |

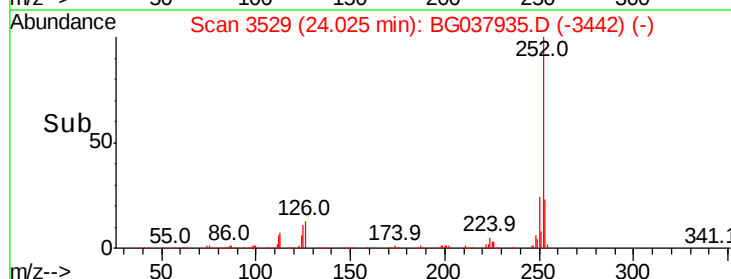
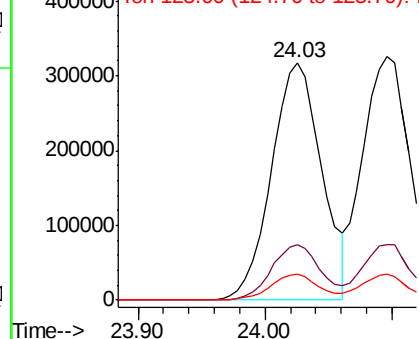


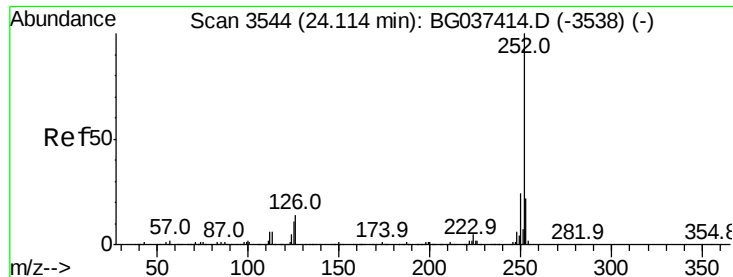
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 56.623 ng

RT: 24.10 min Scan# 3541

Delta R.T. -0.02 min

Lab File: BG037935.D

Acq: 10 Nov 2018 00:30

Instrument :

BNA\_G

ClientSampleId :

RT-3263MS

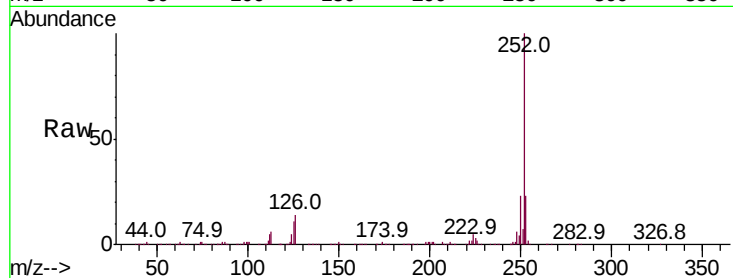
Tot Ion:252 Resp: 901269

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.2

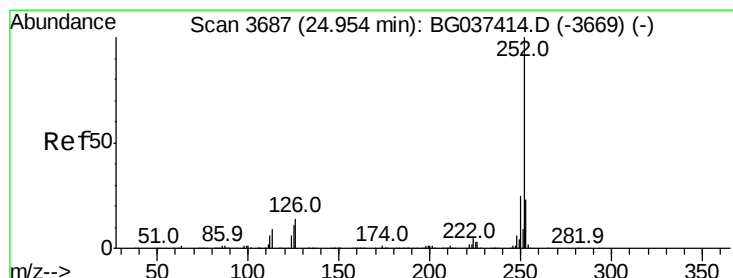
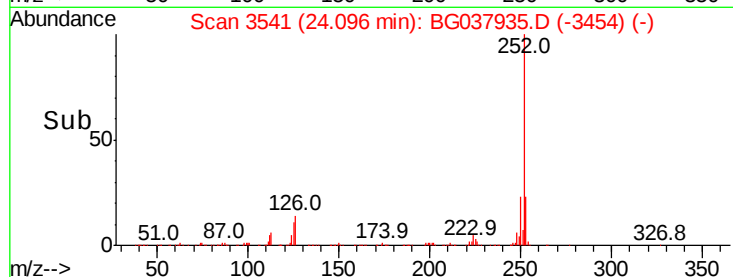
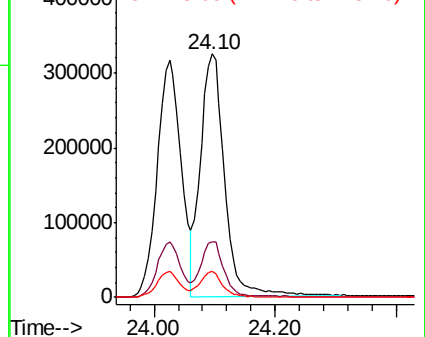
125 10.8 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 53.957 ng

RT: 24.94 min Scan# 3684

Delta R.T. -0.02 min

Lab File: BG037935.D

Acq: 10 Nov 2018 00:30

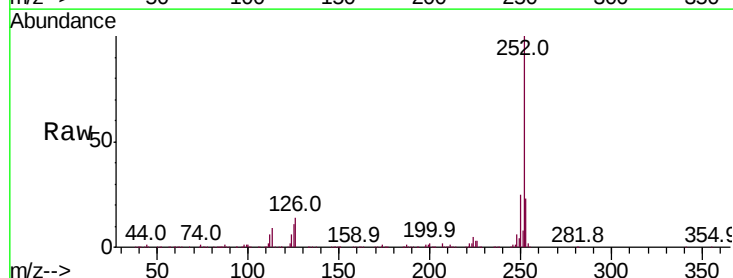
Tgt Ion:252 Resp: 832970

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

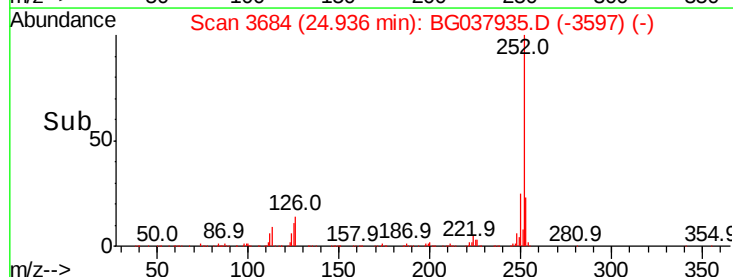
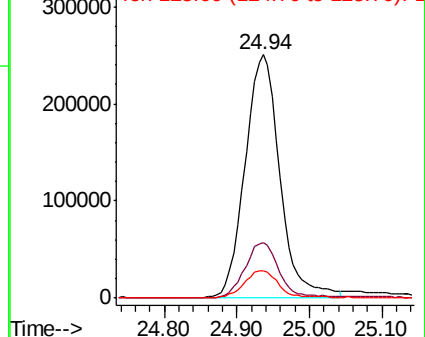
125 11.4 9.0 13.6

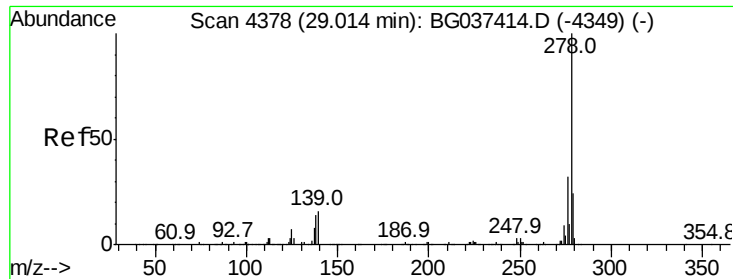


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

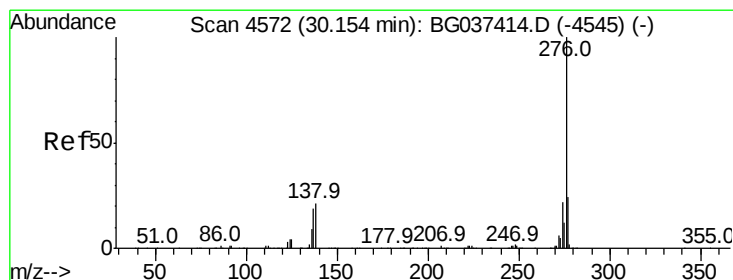
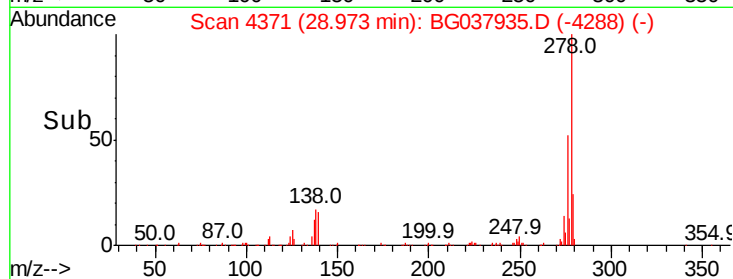
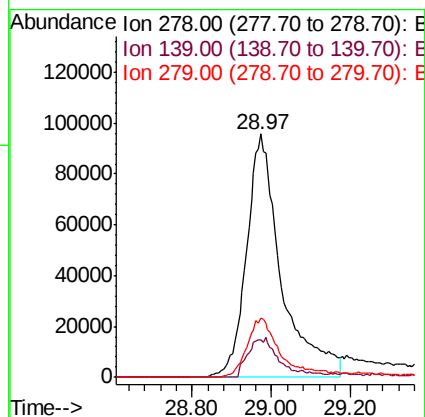
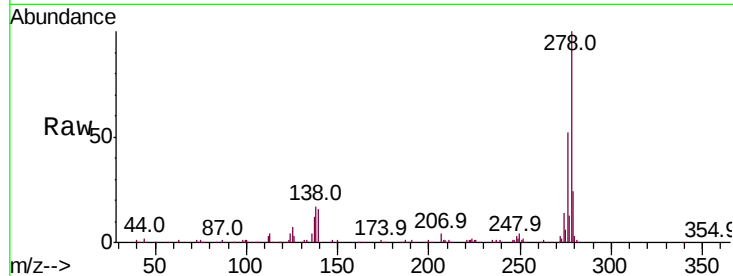




#91  
Dibenzo(a,h)anthracene  
Concen: 41.175 ng  
RT: 28.97 min Scan# 4371  
Delta R.T. -0.04 min  
Lab File: BG037935.D  
Acq: 10 Nov 2018 00:30

Instrument :  
BNA\_G  
ClientSampleId :  
RT-3263MS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 15.7  | 11.5  | 17.3  |
| 279     | 24.3  | 18.6  | 27.8  |



#92  
Benzo(g,h,i)perylene  
Concen: 44.869 ng  
RT: 30.11 min Scan# 4565  
Delta R.T. -0.04 min  
Lab File: BG037935.D  
Acq: 10 Nov 2018 00:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 22.8  | 18.9  | 28.3  |
| 138     | 21.5  | 17.2  | 25.8  |

