

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\  
 Data File : BG043218.D  
 Acq On : 15 Oct 2019 14:42  
 Operator : JU  
 Sample : K5348-11MS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Oct 16 01:16:17 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 09 01:11:45 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.05  | 152  | 50138    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.86 | 136  | 191957   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.68 | 164  | 137356   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.42 | 188  | 329008   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.70 | 240  | 358419   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.92 | 264  | 422398   | 20.00 | ng    | 0.01     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.63  | 112 | 203334  | 72.38  | ng | 0.00 |
| 7) Phenol-d6             | 7.22  | 99  | 416404  | 102.92 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.21  | 82  | 264755  | 67.04  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.17 | 330 | 150099  | 63.55  | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.30 | 172 | 644340  | 68.01  | ng | 0.00 |
| 79) Terphenyl-d14        | 20.03 | 244 | 1184231 | 70.41  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.52  | 88  | 38480  | 32.851 | ng | # 89   |
| 3) Pyridine                    | 3.92  | 79  | 91972  | 27.917 | ng | 85     |
| 4) n-Nitrosodimethylamine      | 3.83  | 42  | 57387  | 36.222 | ng | # 84   |
| 6) Aniline                     | 7.38  | 93  | 99987  | 20.473 | ng | 93     |
| 8) 2-Chlorophenol              | 7.62  | 128 | 135761 | 46.337 | ng | 95     |
| 9) Benzaldehyde                | 7.19  | 77  | 78149  | 31.611 | ng | 89     |
| 10) Phenol                     | 7.25  | 94  | 205766 | 55.435 | ng | 96     |
| 11) bis(2-Chloroethyl)ether    | 7.47  | 93  | 109376 | 38.084 | ng | 91     |
| 12) 1,3-Dichlorobenzene        | 7.94  | 146 | 145904 | 39.037 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 8.09  | 146 | 151490 | 40.658 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.41  | 146 | 144179 | 40.645 | ng | 94     |
| 15) Benzyl Alcohol             | 8.29  | 79  | 121311 | 39.882 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.57  | 45  | 161316 | 29.248 | ng | 97     |
| 17) 2-Methylphenol             | 8.50  | 107 | 114443 | 44.063 | ng | 96     |
| 18) Hexachloroethane           | 9.13  | 117 | 53857  | 38.381 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 8.85  | 70  | 100137 | 37.694 | ng | 91     |
| 20) 3+4-Methylphenols          | 8.82  | 107 | 155668 | 43.736 | ng | 97     |
| 22) Acetophenone               | 8.87  | 105 | 196011 | 39.614 | ng | # 92   |
| 24) Nitrobenzene               | 9.26  | 77  | 157217 | 41.735 | ng | 98     |
| 25) Isophorone                 | 9.77  | 82  | 287594 | 41.457 | ng | 96     |
| 26) 2-Nitrophenol              | 9.97  | 139 | 78996  | 49.261 | ng | 93     |
| 27) 2,4-Dimethylphenol         | 10.03 | 122 | 126224 | 51.254 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.26 | 93  | 156490 | 39.760 | ng | 95     |
| 29) 2,4-Dichlorophenol         | 10.51 | 162 | 143473 | 46.843 | ng | 95     |
| 30) 1,2,4-Trichlorobenzene     | 10.72 | 180 | 166090 | 41.992 | ng | 95     |
| 31) Naphthalene                | 10.91 | 128 | 412811 | 43.687 | ng | 99     |
| 32) Benzoic acid               | 10.18 | 122 | 58204  | 32.806 | ng | 100    |
| 33) 4-Chloroaniline            | 11.03 | 127 | 46832  | 11.422 | ng | 94     |
| 34) Hexachlorobutadiene        | 11.19 | 225 | 117332 | 39.618 | ng | 94     |
| 35) Caprolactam                | 11.78 | 113 | 28015  | 25.937 | ng | # 75   |
| 36) 4-Chloro-3-methylphenol    | 12.14 | 107 | 154209 | 46.306 | ng | 94     |
| 37) 2-Methylnaphthalene        | 12.51 | 142 | 320063 | 44.400 | ng | 95     |
| 38) 1-Methylnaphthalene        | 12.72 | 142 | 306356 | 44.913 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.88 | 216 | 210929 | 40.842 | ng | 99     |

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 Operator : JU  
 Sample : K5348-11MS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

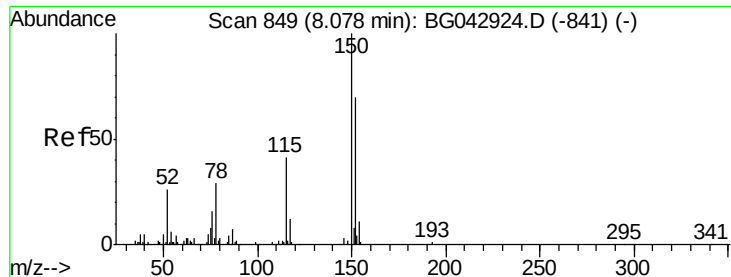
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Oct 16 01:16:17 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 09 01:11:45 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.86 | 237  | 240792   | 73.176 | ng    | 95       |
| 43) 2,4,6-Trichlorophenol      | 13.12 | 196  | 136096   | 45.023 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 13.19 | 196  | 150955   | 48.477 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 13.51 | 154  | 440680   | 42.307 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 13.55 | 162  | 345564   | 44.249 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.76 | 65   | 103536   | 39.867 | ng    | 87       |
| 49) Acenaphthylene             | 14.40 | 152  | 560928   | 46.940 | ng    | 98       |
| 50) Dimethylphthalate          | 14.13 | 163  | 554724   | 53.901 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.25 | 165  | 103054   | 47.021 | ng    | 93       |
| 52) Acenaphthene               | 14.74 | 154  | 333644   | 41.713 | ng    | 100      |
| 53) 3-Nitroaniline             | 14.59 | 138  | 46555    | 20.554 | ng    | 94       |
| 54) 2,4-Dinitrophenol          | 14.79 | 184  | 116858   | 85.780 | ng    | 98       |
| 55) Dibenzofuran               | 15.07 | 168  | 542126   | 45.818 | ng    | 98       |
| 56) 4-Nitrophenol              | 14.90 | 139  | 163684   | 94.847 | ng    | 91       |
| 57) 2,4-Dinitrotoluene         | 15.04 | 165  | 148585   | 46.296 | ng    | # 91     |
| 58) Fluorene                   | 15.73 | 166  | 457239   | 45.263 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.30 | 232  | 150945   | 45.526 | ng    | 98       |
| 60) Diethylphthalate           | 15.49 | 149  | 454360   | 43.381 | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.71 | 204  | 262866   | 43.388 | ng    | 98       |
| 62) 4-Nitroaniline             | 15.75 | 138  | 98191    | 39.750 | ng    | 99       |
| 63) Azobenzene                 | 16.01 | 77   | 400830   | 42.035 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.80 | 198  | 91989    | 49.410 | ng    | 91       |
| 66) n-Nitrosodiphenylamine     | 15.93 | 169  | 406898   | 46.849 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.61 | 248  | 187044   | 45.296 | ng    | 98       |
| 68) Hexachlorobenzene          | 16.73 | 284  | 212107   | 46.132 | ng    | 98       |
| 69) Atrazine                   | 16.87 | 200  | 156638   | 42.828 | ng    | 97       |
| 70) Pentachlorophenol          | 17.08 | 266  | 252701   | 95.250 | ng    | 100      |
| 71) Phenanthrene               | 17.47 | 178  | 738392   | 45.971 | ng    | 98       |
| 72) Anthracene                 | 17.56 | 178  | 766498   | 47.801 | ng    | 100      |
| 73) Carbazole                  | 17.82 | 167  | 683958   | 45.996 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.38 | 149  | 801343   | 45.168 | ng    | 98       |
| 75) Fluoranthene               | 19.48 | 202  | 976222   | 45.950 | ng    | 98       |
| 77) Benzidine                  | 19.66 | 184  | 330950   | 36.877 | ng    | 99       |
| 78) Pyrene                     | 19.83 | 202  | 984647   | 46.027 | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.71 | 149  | 375906   | 46.293 | ng    | 98       |
| 81) Benzo(a)anthracene         | 21.68 | 228  | 1012128  | 45.320 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.59 | 252  | 269064   | 30.718 | ng    | 98       |
| 83) Chrysene                   | 21.74 | 228  | 993623   | 45.848 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.58 | 149  | 541238   | 46.843 | ng    | 98       |
| 85) Di-n-octyl phthalate       | 22.79 | 149  | 921916   | 48.794 | ng    | 95       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.61 | 276  | 1332067  | 49.372 | ng    | # 96     |
| 88) Benzo(b)fluoranthene       | 23.90 | 252  | 1112990  | 46.568 | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 23.96 | 252  | 1059222  | 44.799 | ng    | 100      |
| 90) Benzo(a)pyrene             | 24.77 | 252  | 1088060  | 48.253 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene     | 28.66 | 278  | 1119710  | 48.426 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.75 | 276  | 1096704  | 48.952 | ng    | 96       |

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



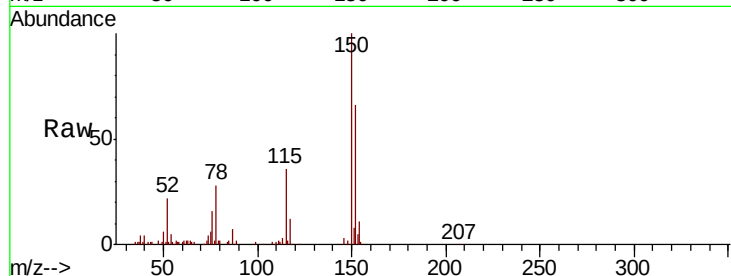


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.05 min Scan# 845  
Delta R.T. -0.01 min  
Lab File: BG043218.D  
Acq: 15 Oct 2019 14:42

Instrument :  
BNA\_G  
ClientSampled :

| Tot Ion   | 152   | Resp  | 50138 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 150       | 151.6 | 115.0 | 172.4 |
| 115       | 54.9  | 47.0  | 70.6  |

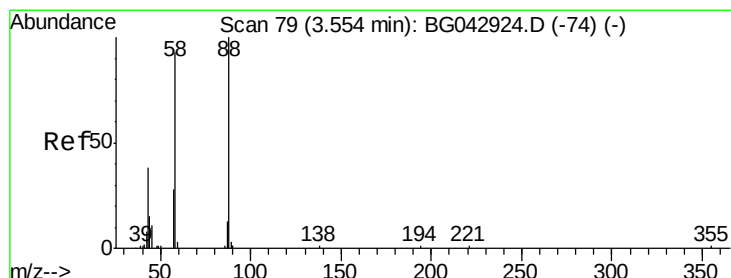
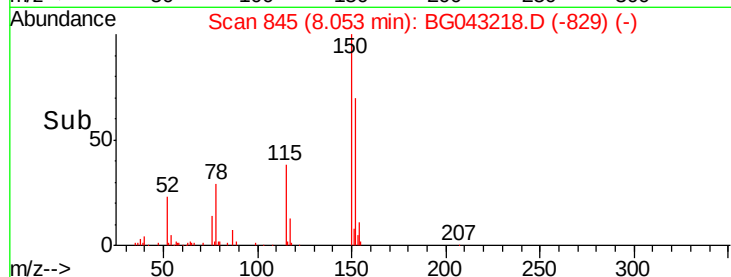
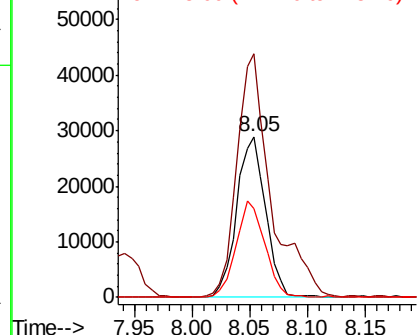


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

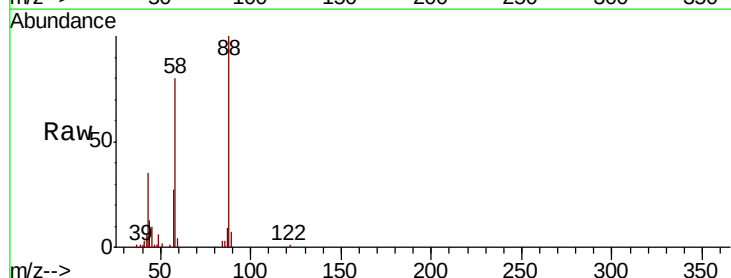
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 32.851 ng  
RT: 3.52 min Scan# 74  
Delta R.T. -0.01 min  
Lab File: BG043218.D  
Acq: 15 Oct 2019 14:42

| Tgt Ion   | 88    | Resp  | 38480 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 88        | 100   |       |       |
| 58        | 83.1  | 74.3  | 111.5 |
| 43        | 28.5  | 29.8  | 44.8# |

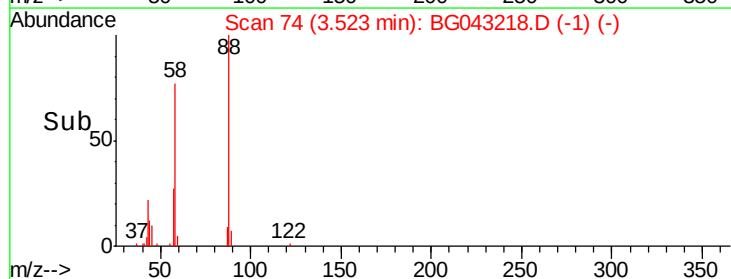
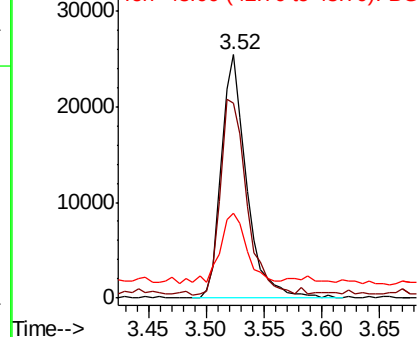


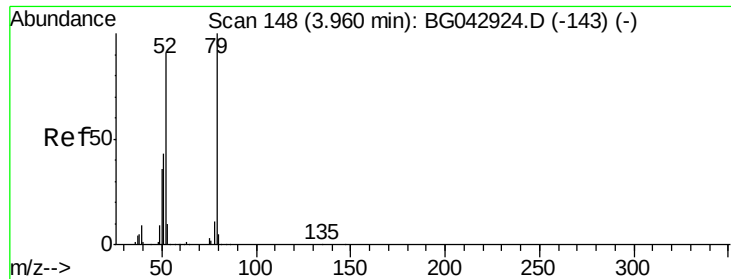
Abundance

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: 27.917 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG043218.D

Acq: 15 Oct 2019 14:42

Instrument :

BNA\_G

ClientSampleId :

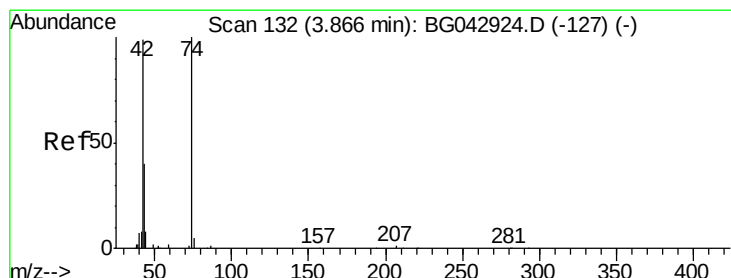
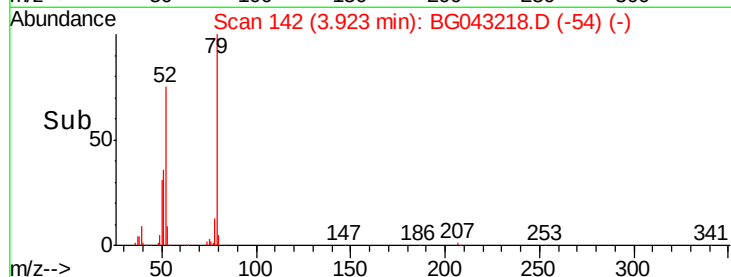
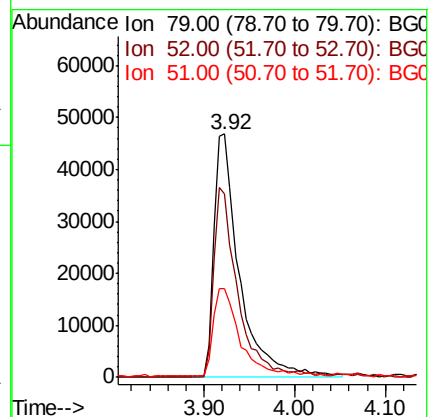
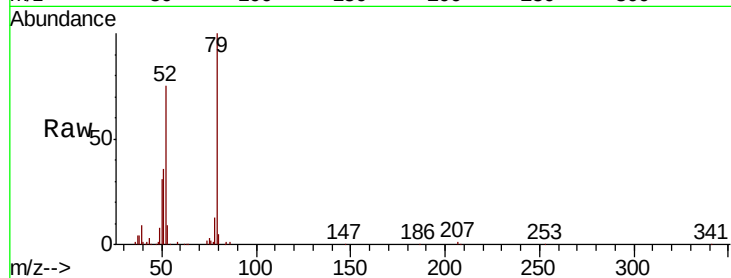
Tot Ion: 79 Resp: 91972

Ion Ratio Lower Upper

79 100

52 75.2 73.0 109.4

51 36.3 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 36.222 ng

RT: 3.83 min Scan# 127

Delta R.T. -0.01 min

Lab File: BG043218.D

Acq: 15 Oct 2019 14:42

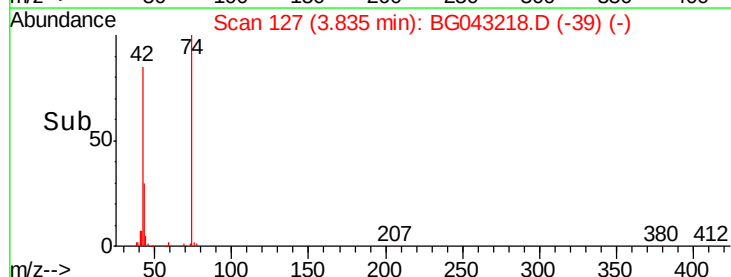
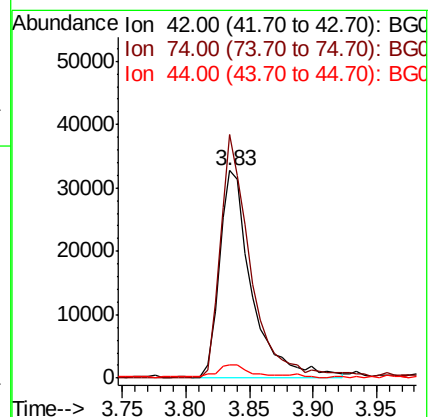
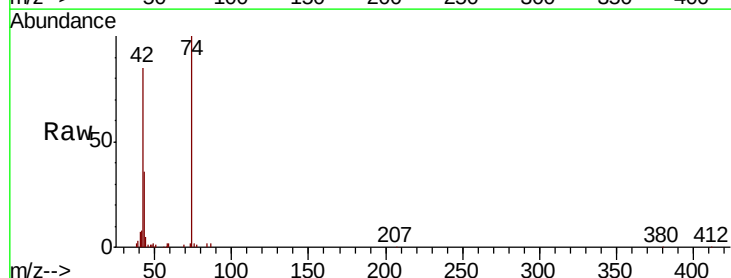
Tgt Ion: 42 Resp: 57387

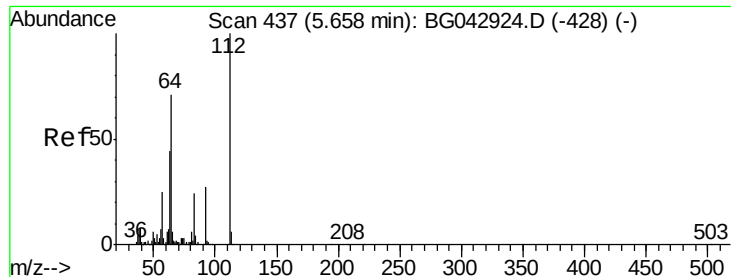
Ion Ratio Lower Upper

42 100

74 117.3 80.5 120.7

44 6.3 6.9 10.3#





#5

2-Fluorophenol

Concen: 72.375 ng

RT: 5.63 min Scan# 433

Delta R.T. -0.01 min

Lab File: BG043218.D

Acq: 15 Oct 2019 14:42

Instrument :

BNA\_G

ClientSampleId :

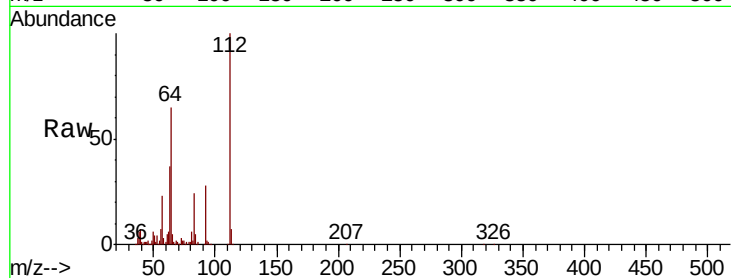
Tot Ion:112 Resp: 203334

Ion Ratio Lower Upper

112 100

64 64.6 56.6 84.8

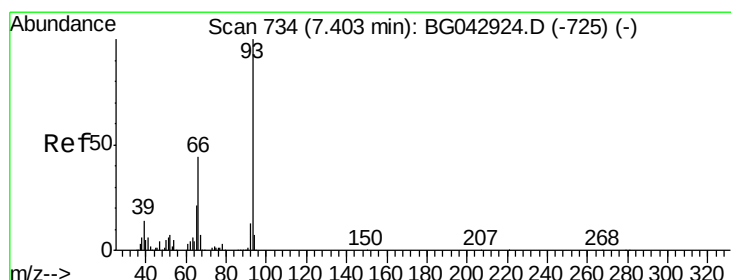
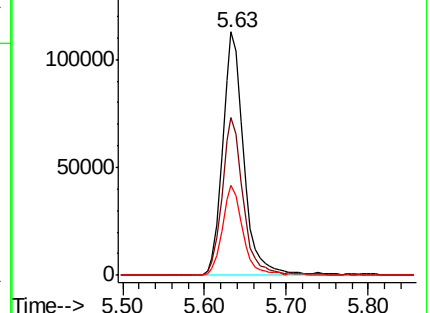
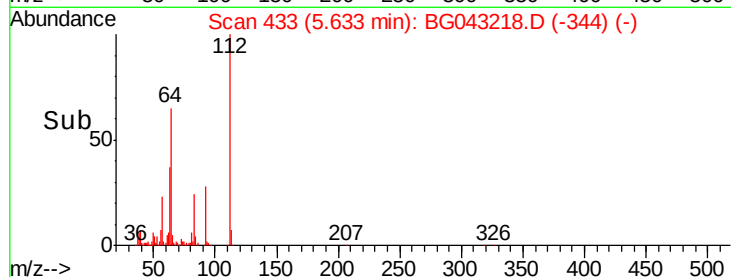
63 36.9 35.1 52.7



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: 20.473 ng

RT: 7.38 min Scan# 731

Delta R.T. 0.00 min

Lab File: BG043218.D

Acq: 15 Oct 2019 14:42

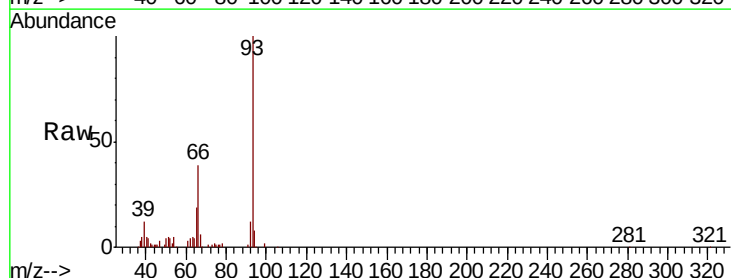
Tgt Ion: 93 Resp: 99987

Ion Ratio Lower Upper

93 100

66 39.1 35.0 52.6

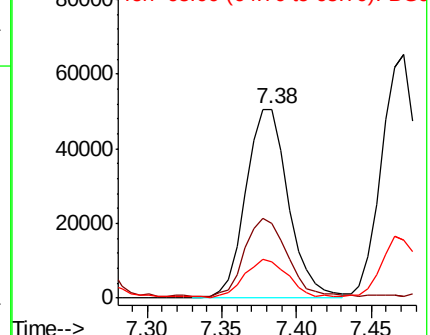
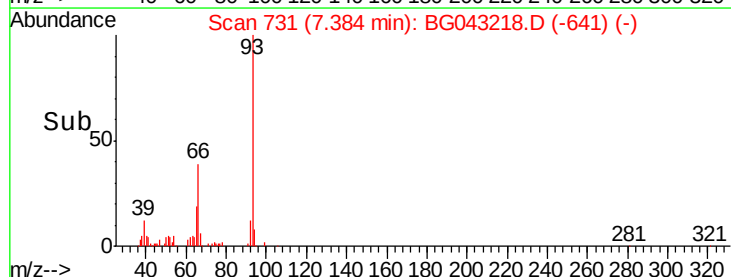
65 18.9 17.4 26.0

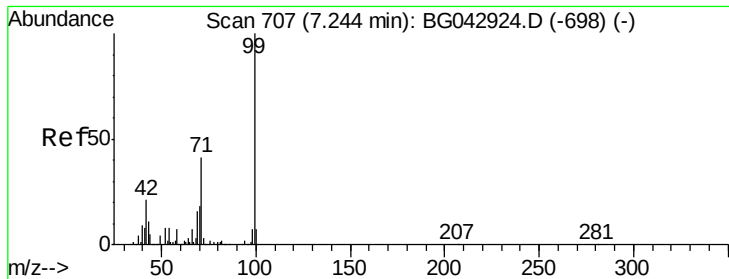


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 102.923 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG043218.D

Acq: 15 Oct 2019 14:42

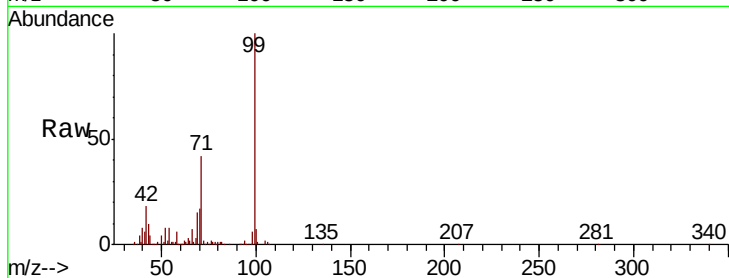
Instrument :

BNA\_G

ClientSampled :

Tot Ion: 99 Resp: 416404

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 17.8  | 17.2  | 25.8  |
| 71  | 42.5  | 33.1  | 49.7  |

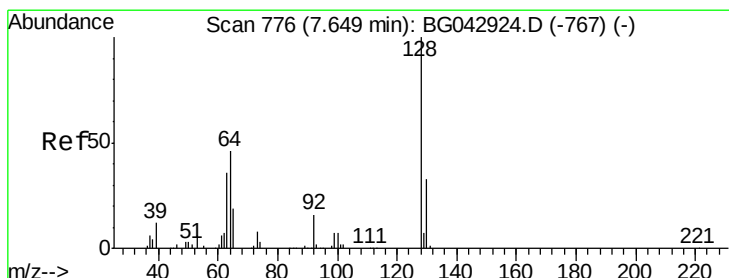
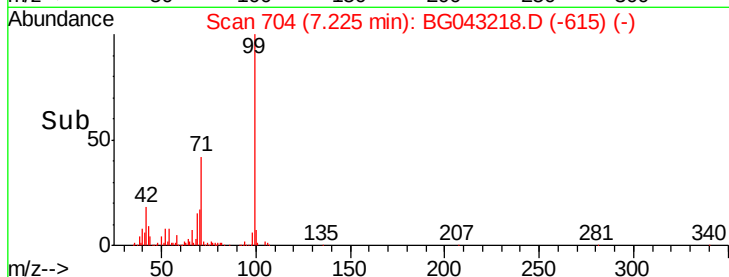
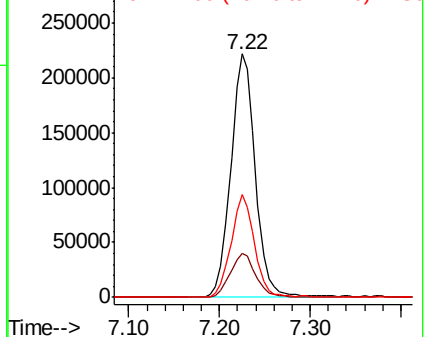


Abundance

Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 46.337 ng

RT: 7.62 min Scan# 772

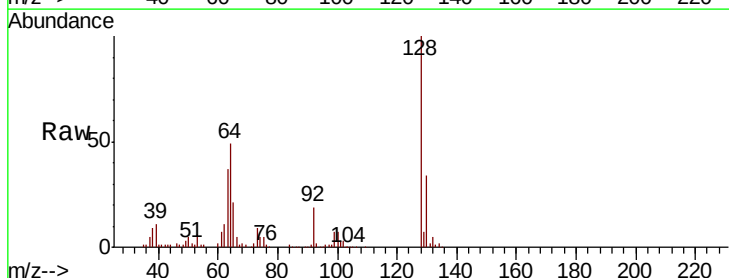
Delta R.T. 0.00 min

Lab File: BG043218.D

Acq: 15 Oct 2019 14:42

Tgt Ion: 128 Resp: 135761

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 34.0  | 12.5  | 52.5  |
| 64  | 48.6  | 32.8  | 72.8  |

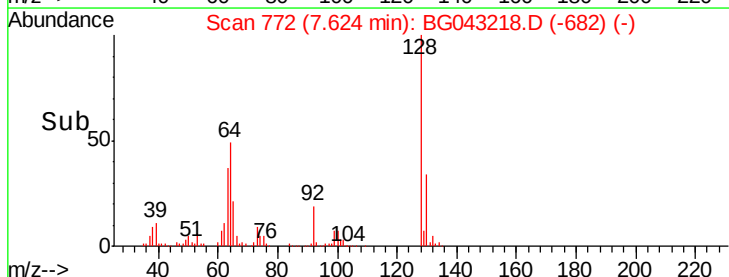
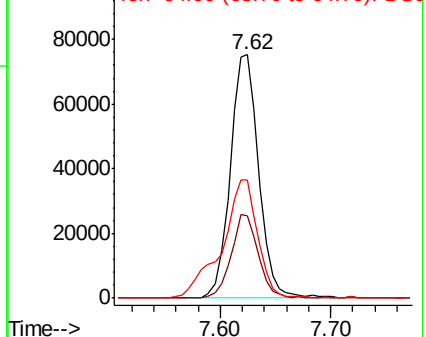


Abundance

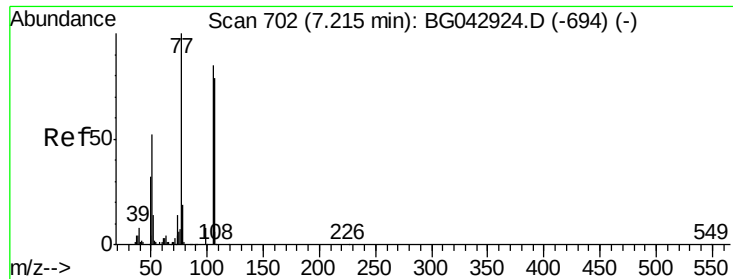
Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC







#9

Benzaldehyde

Concen: 31.611 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG043218.D

Acq: 15 Oct 2019 14:42

Instrument :

BNA\_G

ClientSampleId :

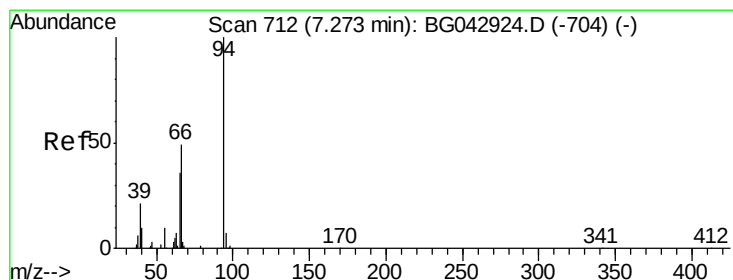
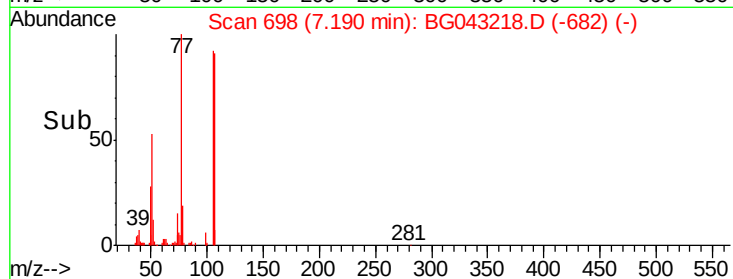
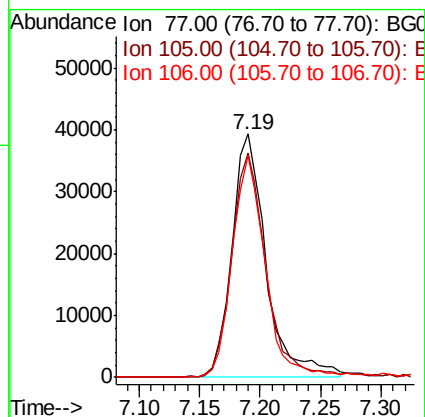
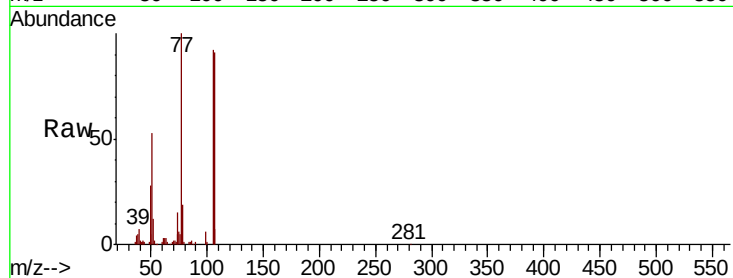
Tot Ion: 77 Resp: 78149

Ion Ratio Lower Upper

77 100

105 92.1 64.6 104.6

106 91.0 59.4 99.4



#10

Phenol

Concen: 55.435 ng

RT: 7.25 min Scan# 709

Delta R.T. 0.00 min

Lab File: BG043218.D

Acq: 15 Oct 2019 14:42

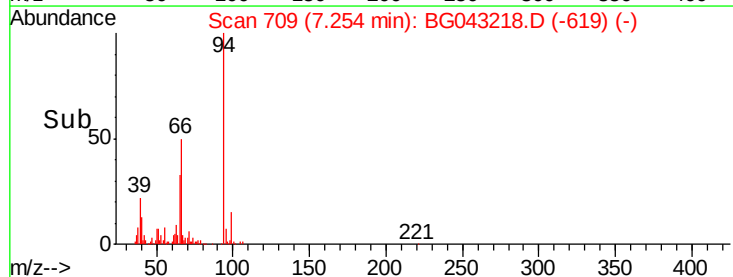
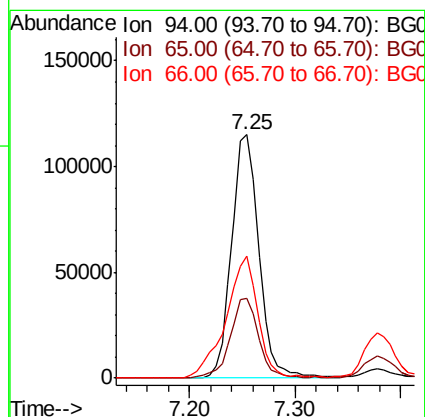
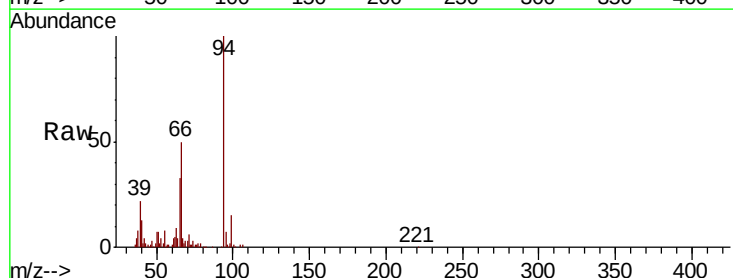
Tgt Ion: 94 Resp: 205766

Ion Ratio Lower Upper

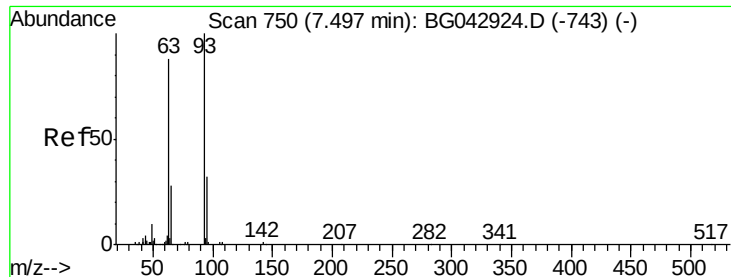
94 100

65 33.0 16.6 56.6

66 50.3 32.4 72.4



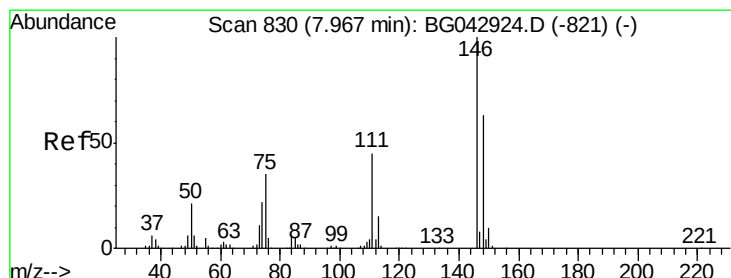
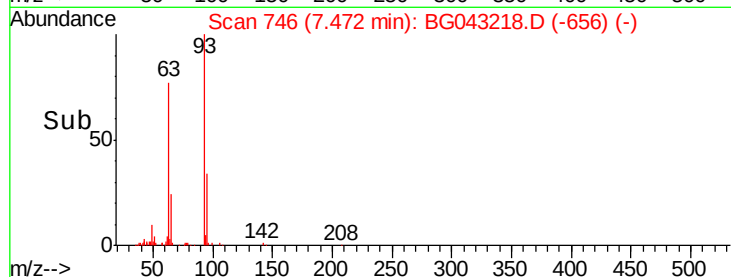
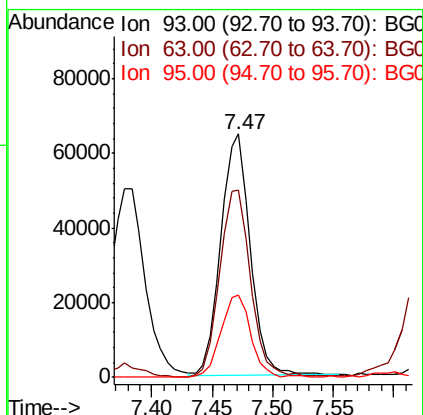
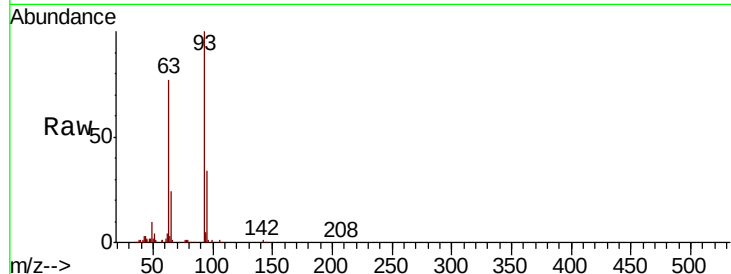




#11  
bis(2-Chloroethyl)ether  
Concen: 38.084 ng  
RT: 7.47 min Scan# 746  
Delta R.T. 0.00 min  
Lab File: BG043218.D  
Acq: 15 Oct 2019 14:42

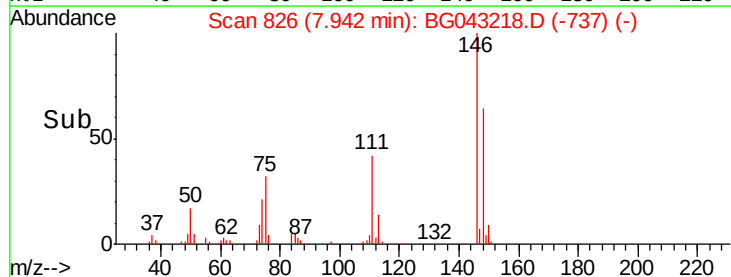
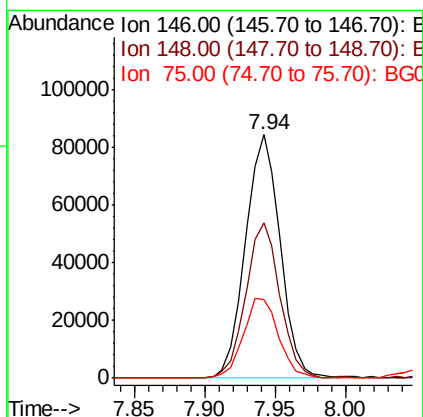
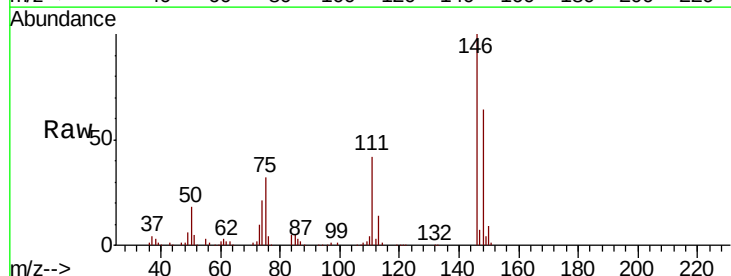
Instrument :  
BNA\_G  
ClientSampleId :

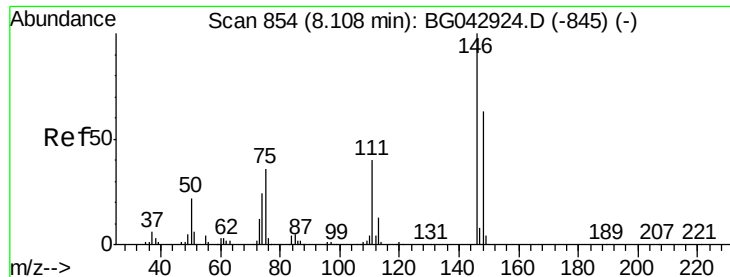
Tot Ion: 93 Resp: 109376  
Ion Ratio Lower Upper  
93 100  
63 77.0 67.4 107.4  
95 33.7 11.9 51.9



#12  
1,3-Dichlorobenzene  
Concen: 39.037 ng  
RT: 7.94 min Scan# 826  
Delta R.T. -0.01 min  
Lab File: BG043218.D  
Acq: 15 Oct 2019 14:42

Tgt Ion: 146 Resp: 145904  
Ion Ratio Lower Upper  
146 100  
148 64.0 50.7 76.1  
75 32.0 27.7 41.5

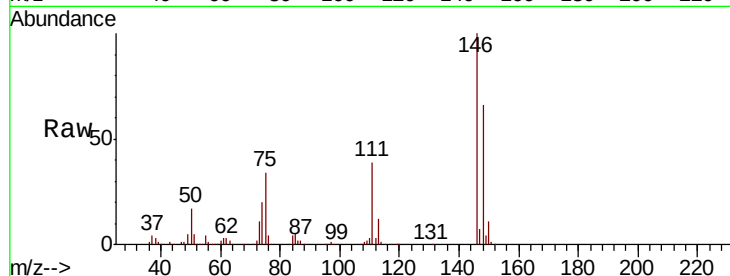




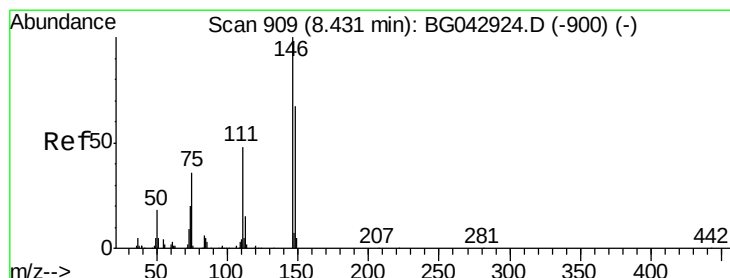
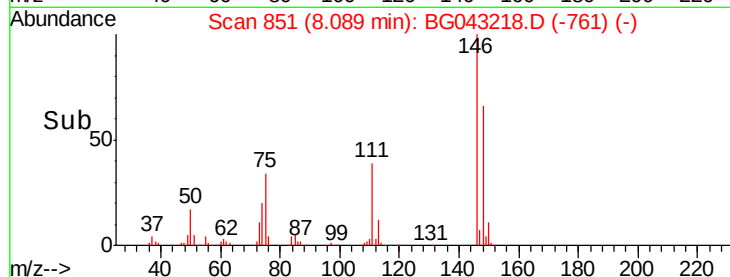
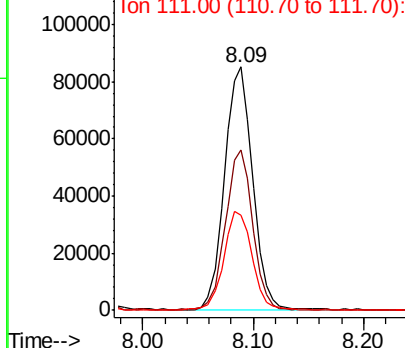
#13  
 1,4-Dichlorobenzene  
 Concen: 40.658 ng  
 RT: 8.09 min Scan# 851  
 Delta R.T. 0.00 min  
 Lab File: BG043218.D  
 Acq: 15 Oct 2019 14:42

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:146 Resp: 151490  
 Ion Ratio Lower Upper  
 146 100  
 148 66.1 50.9 76.3  
 111 39.2 31.8 47.8

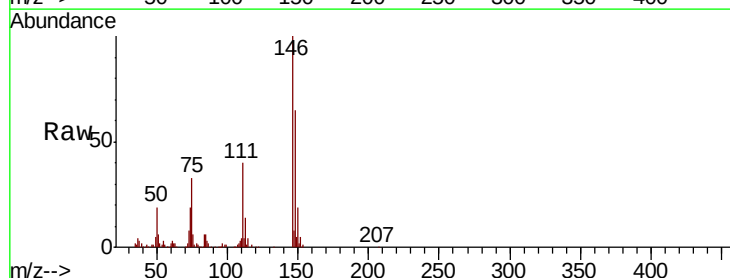


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

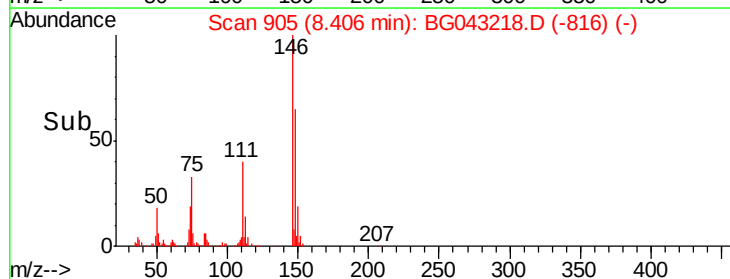
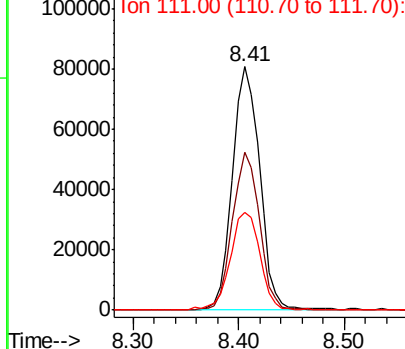


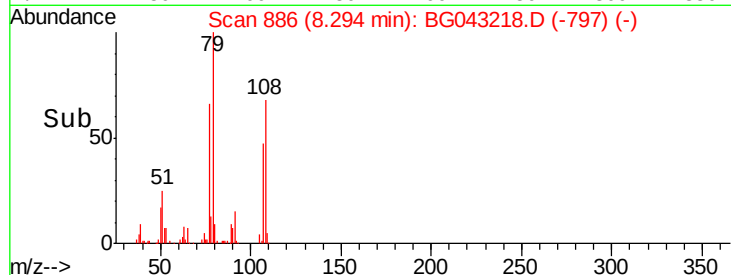
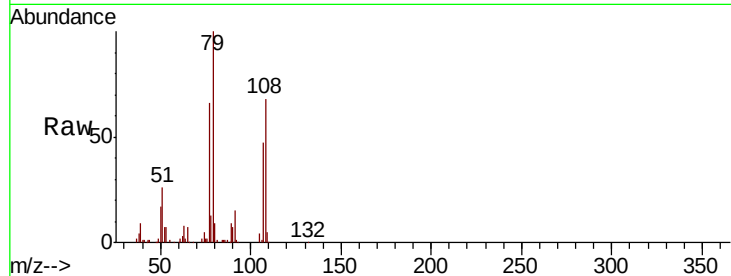
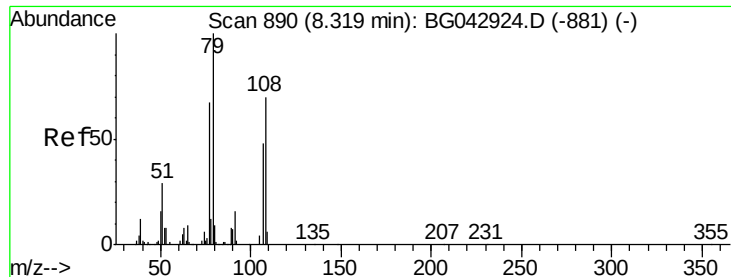
#14  
 1,2-Dichlorobenzene  
 Concen: 40.645 ng  
 RT: 8.41 min Scan# 905  
 Delta R.T. -0.01 min  
 Lab File: BG043218.D  
 Acq: 15 Oct 2019 14:42

Tgt Ion:146 Resp: 144179  
 Ion Ratio Lower Upper  
 146 100  
 148 64.9 53.4 80.2  
 111 40.0 38.5 57.7



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

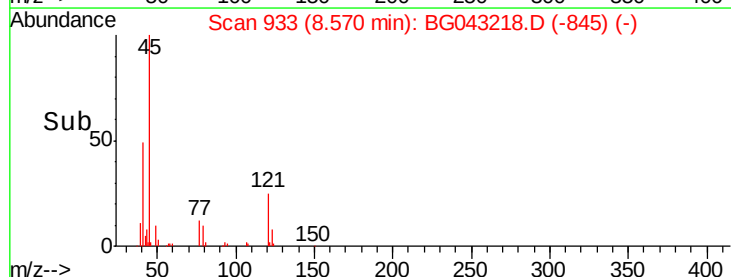
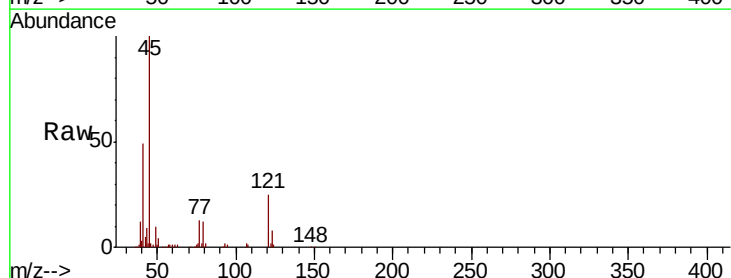
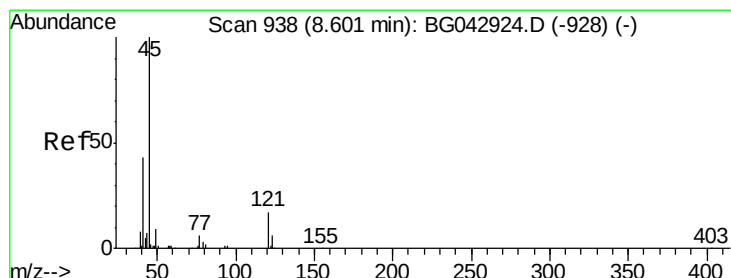
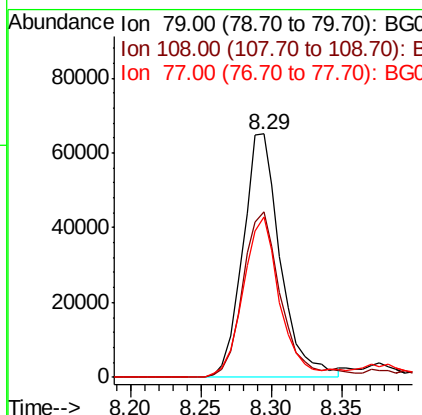




#15  
Benzyl Alcohol  
Concen: 39.882 ng  
RT: 8.29 min Scan# 886  
Delta R.T. -0.01 min  
Lab File: BG043218.D  
Acq: 15 Oct 2019 14:42

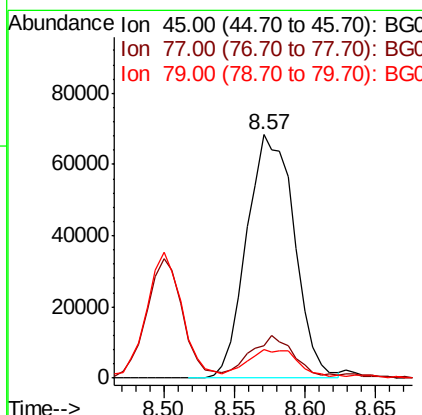
Instrument :  
BNA\_G  
ClientSampled :

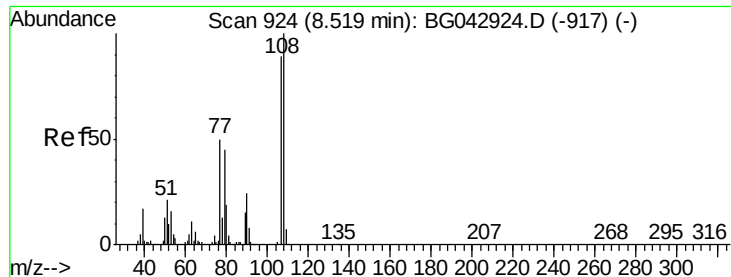
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 68.2  | 55.7  | 83.5  |
| 77      | 65.9  | 53.3  | 79.9  |



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 29.248 ng  
RT: 8.57 min Scan# 933  
Delta R.T. -0.01 min  
Lab File: BG043218.D  
Acq: 15 Oct 2019 14:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 13.4  | 0.0   | 32.8  |
| 79      | 11.6  | 0.0   | 29.4  |





#17

2-Methylphenol

Concen: 44.063 ng

RT: 8.50 min Scan# 921

Delta R.T. 0.00 min

Lab File: BG043218.D

Acq: 15 Oct 2019 14:42

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:107 Resp: 114443

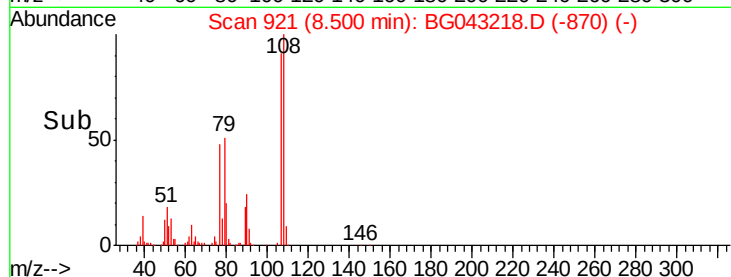
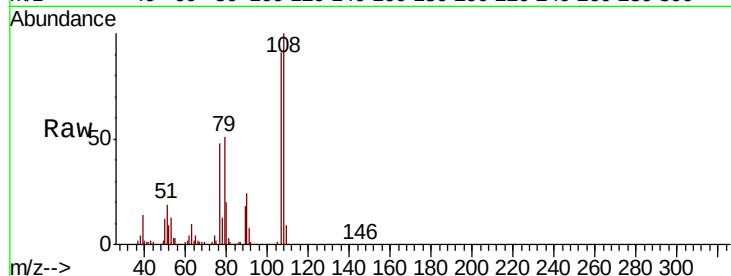
Ion Ratio Lower Upper

107 100

108 110.3 89.9 134.9

77 53.2 45.4 68.2

79 56.0 41.4 62.0



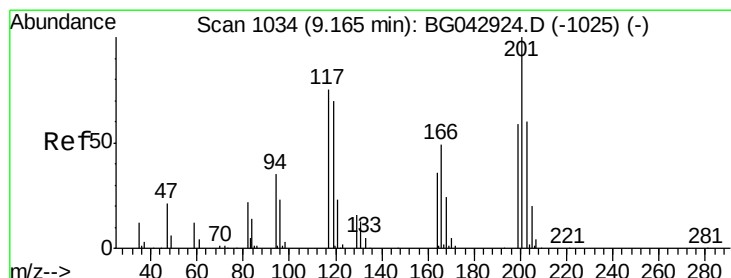
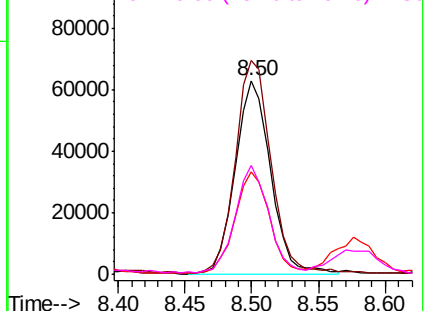
Abundance

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: 38.381 ng

RT: 9.13 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BG043218.D

Acq: 15 Oct 2019 14:42

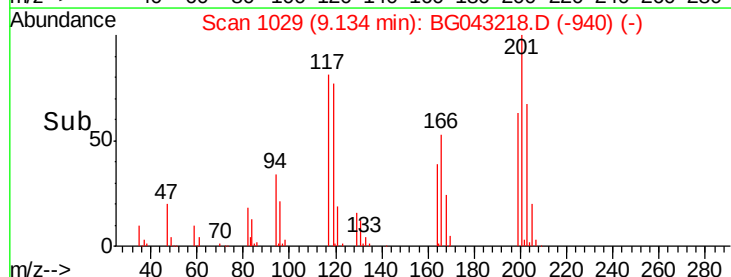
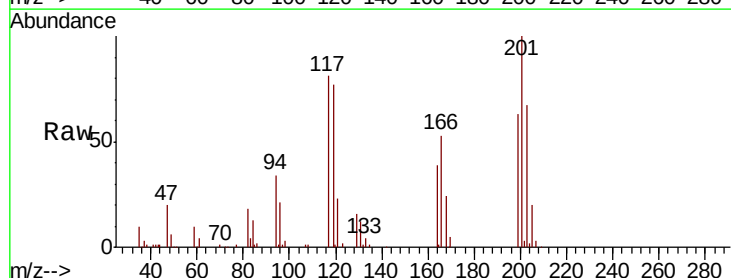
Tgt Ion:117 Resp: 53857

Ion Ratio Lower Upper

117 100

119 95.5 74.6 111.8

201 127.3 106.0 159.0

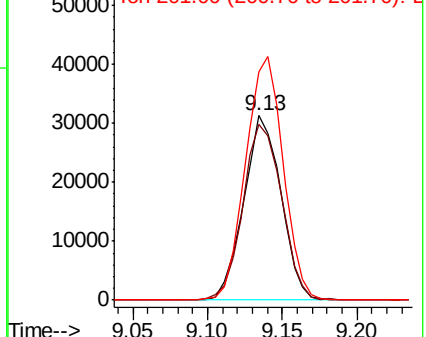


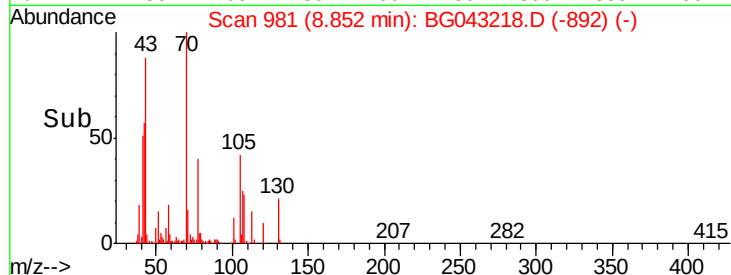
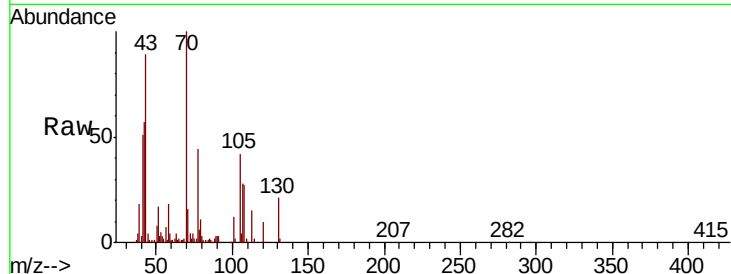
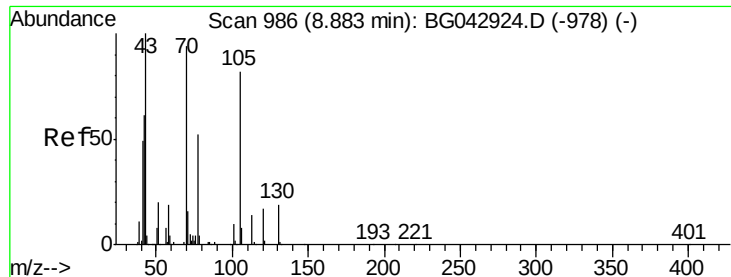
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

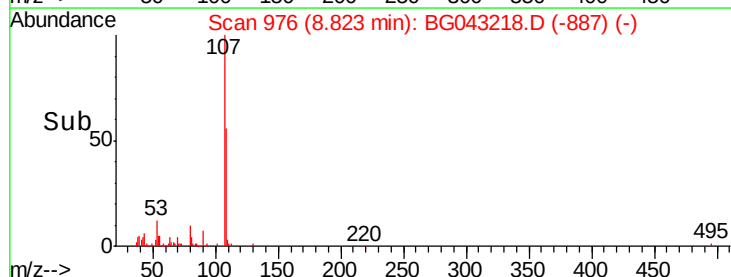
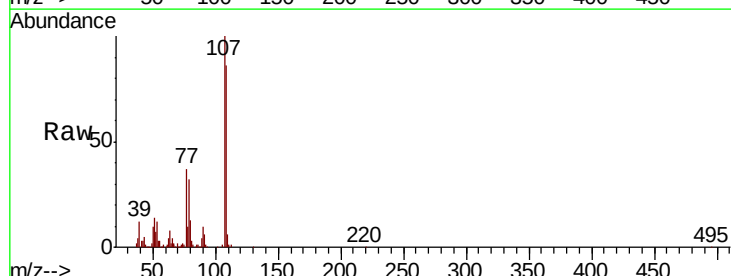
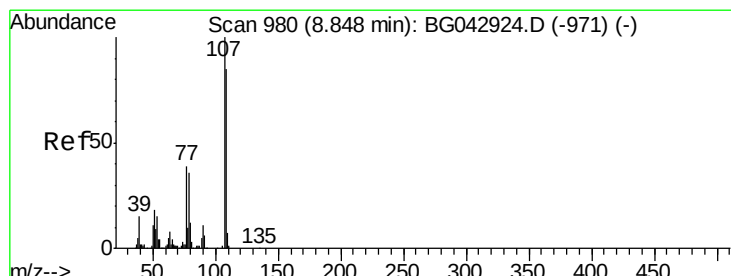
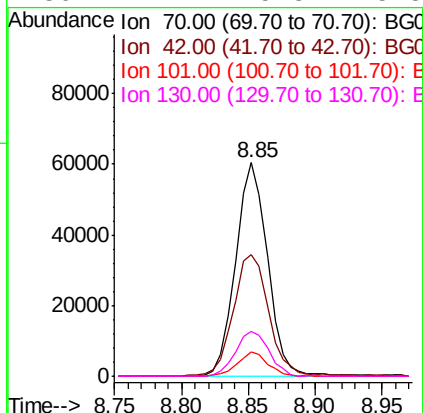




#19  
n-Nitroso-di-n-propylamine  
Concen: 37.694 ng  
RT: 8.85 min Scan# 981  
Delta R.T. -0.01 min  
Lab File: BG043218.D  
Acq: 15 Oct 2019 14:42

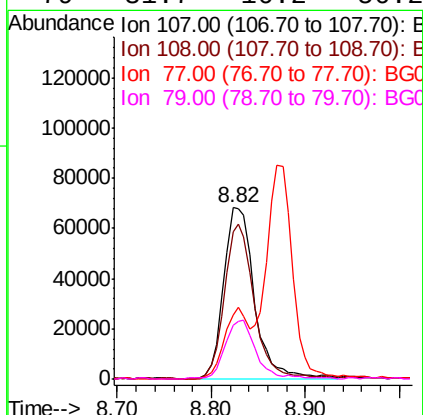
Instrument :  
BNA\_G  
ClientSampleId :

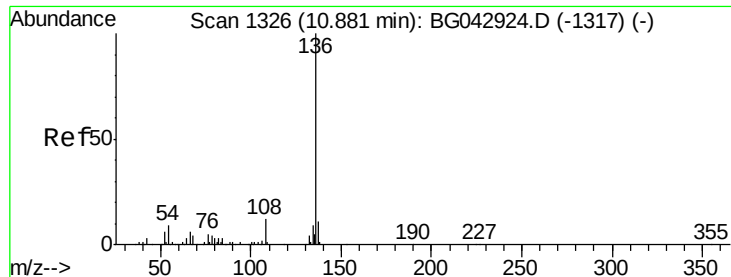
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 100137 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 56.8  | 52.6  | 79.0   |
| 101      | 11.6  | 8.7   | 13.1   |
| 130      | 21.2  | 15.8  | 23.8   |



#20  
3+4-Methylphenols  
Concen: 43.736 ng  
RT: 8.82 min Scan# 976  
Delta R.T. -0.01 min  
Lab File: BG043218.D  
Acq: 15 Oct 2019 14:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 155668 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 85.8  | 64.9  | 104.9  |
| 77       | 37.2  | 19.4  | 59.4   |
| 79       | 31.7  | 16.2  | 56.2   |

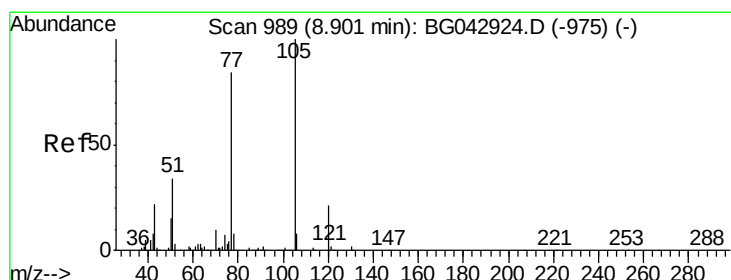
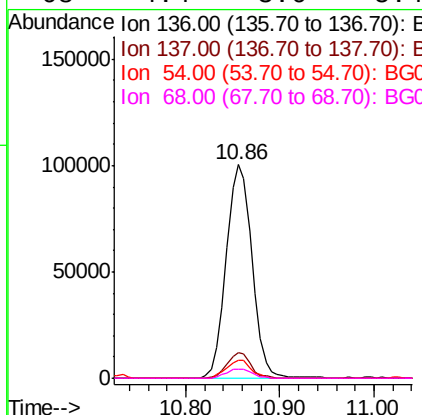
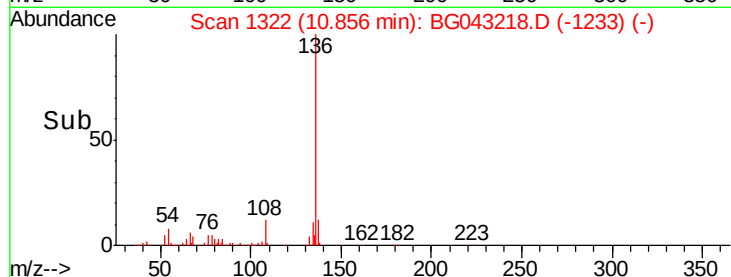
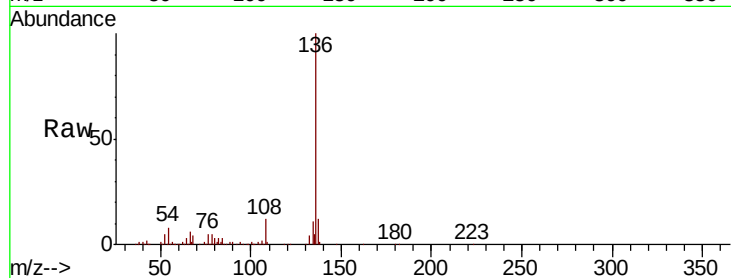




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.86 min Scan# 1322  
Delta R.T. -0.01 min  
Lab File: BG043218.D  
Acq: 15 Oct 2019 14:42

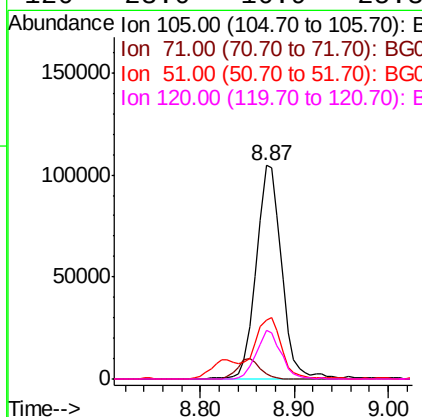
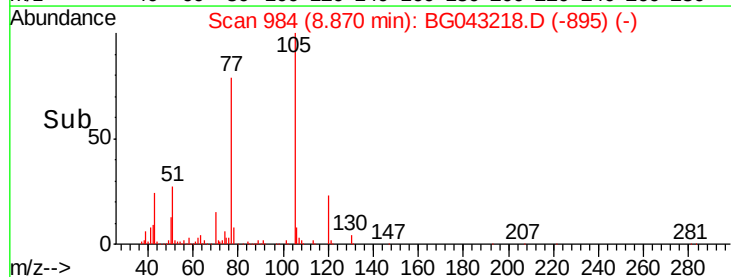
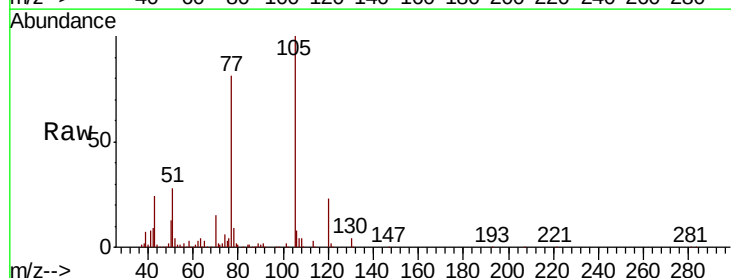
Instrument :  
BNA\_G  
ClientSampleId :

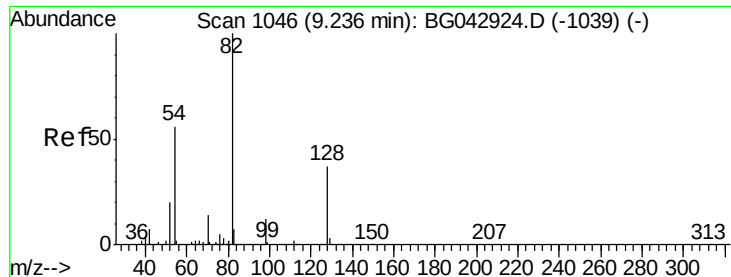
|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 191957   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.8  | 8.5 12.7 |
| 54          | 8.2   | 7.4 11.2 |
| 68          | 4.4   | 3.6 5.4  |



#22  
Acetophenone  
Concen: 39.614 ng  
RT: 8.87 min Scan# 984  
Delta R.T. -0.01 min  
Lab File: BG043218.D  
Acq: 15 Oct 2019 14:42

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 196011    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 2.4   | 1.2 1.8#  |
| 51          | 27.8  | 27.2 40.8 |
| 120         | 23.0  | 16.9 25.3 |

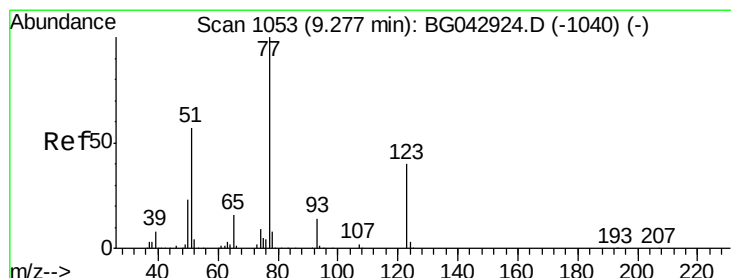
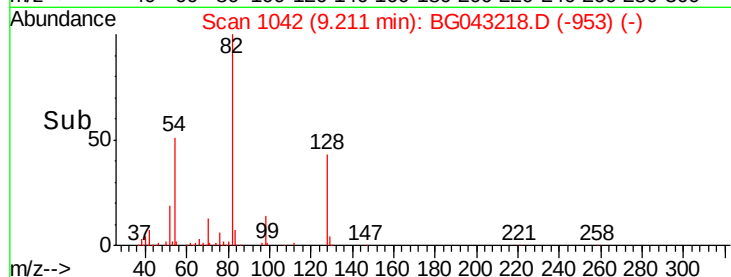
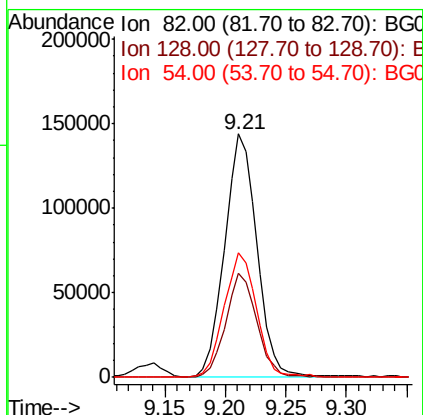
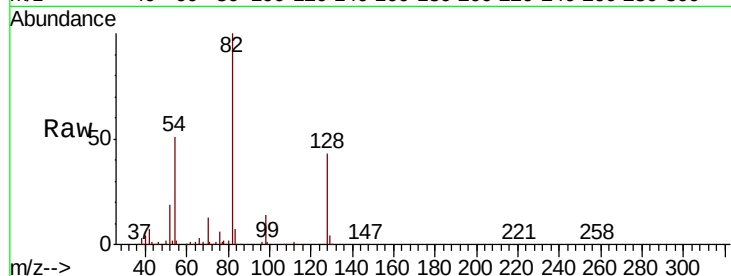




#23  
Nitrobenzene-d5  
Concen: 67.038 ng  
RT: 9.21 min Scan# 1042  
Delta R.T. -0.01 min  
Lab File: BG043218.D  
Acq: 15 Oct 2019 14:42

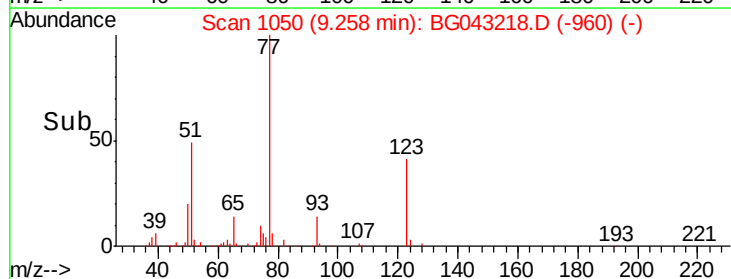
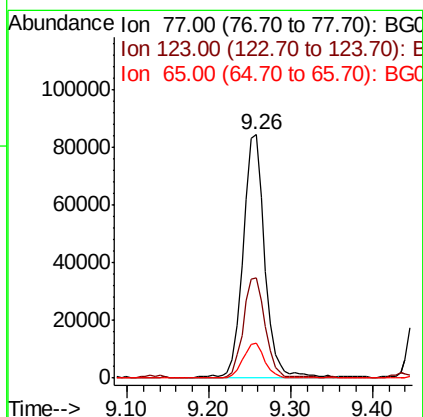
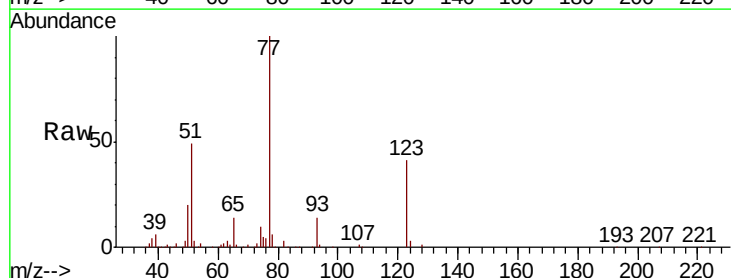
Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 42.7  | 29.5  | 44.3  |
| 54      | 51.2  | 44.6  | 67.0  |

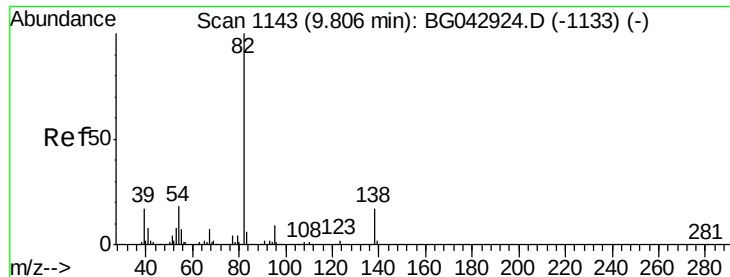


#24  
Nitrobenzene  
Concen: 41.735 ng  
RT: 9.26 min Scan# 1050  
Delta R.T. 0.00 min  
Lab File: BG043218.D  
Acq: 15 Oct 2019 14:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 41.1  | 31.9  | 47.9  |
| 65      | 14.1  | 12.4  | 18.6  |







#25

Isophorone

Concen: 41.457 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BG043218.D

Acq: 15 Oct 2019 14:42

Instrument :

BNA\_G

ClientSampleId :

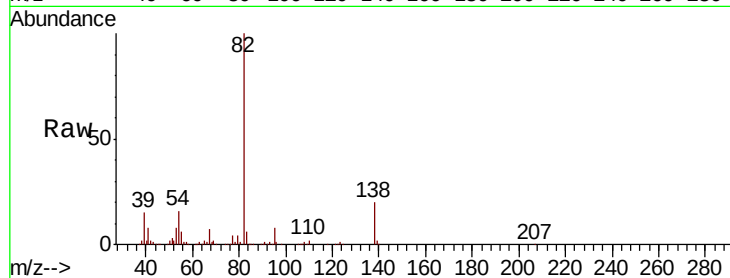
Tot Ion: 82 Resp: 287594

Ion Ratio Lower Upper

82 100

95 8.3 7.0 10.4

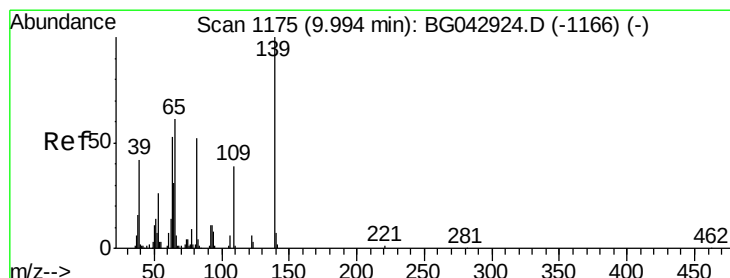
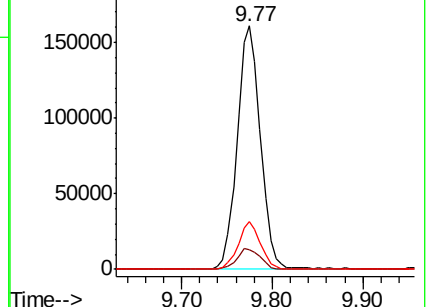
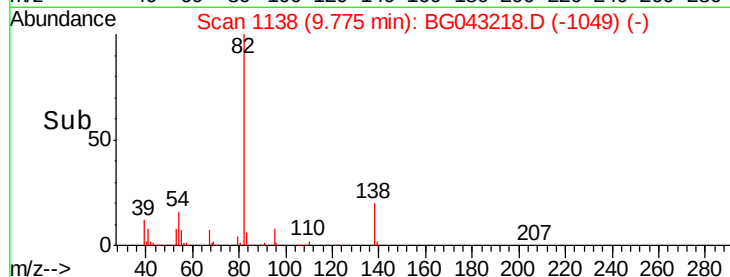
138 19.5 13.8 20.6



Abundance Ion 82.00 (81.70 to 82.70): BG043218.D (-1049) (-)

Ion 95.00 (94.70 to 95.70): BG043218.D (-1049) (-)

Ion 138.00 (137.70 to 138.70): BG043218.D (-1049) (-)



#26

2-Nitrophenol

Concen: 49.261 ng

RT: 9.97 min Scan# 1171

Delta R.T. 0.00 min

Lab File: BG043218.D

Acq: 15 Oct 2019 14:42

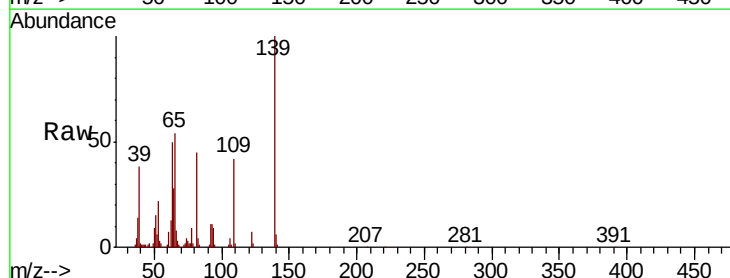
Tgt Ion: 139 Resp: 78996

Ion Ratio Lower Upper

139 100

109 41.5 31.0 46.6

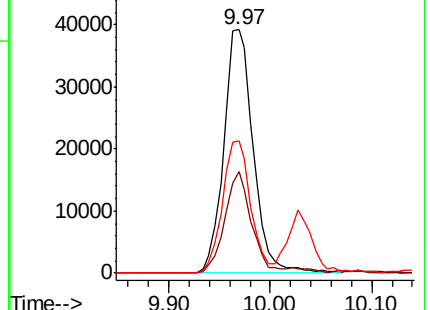
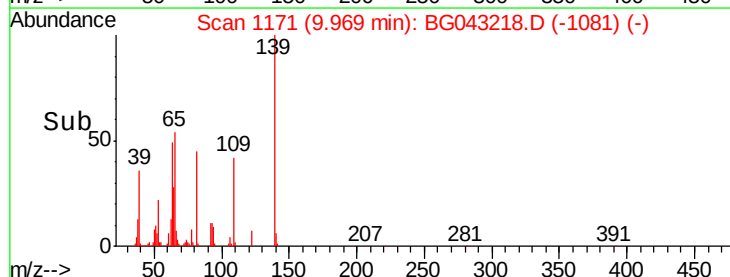
65 54.5 48.4 72.6

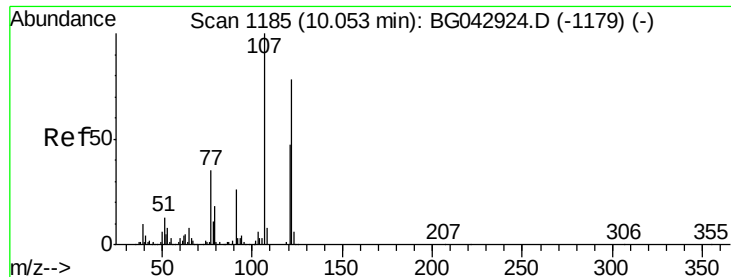


Abundance Ion 139.00 (138.70 to 139.70): BG043218.D (-1081) (-)

Ion 109.00 (108.70 to 109.70): BG043218.D (-1081) (-)

Ion 65.00 (64.70 to 65.70): BG043218.D (-1081) (-)

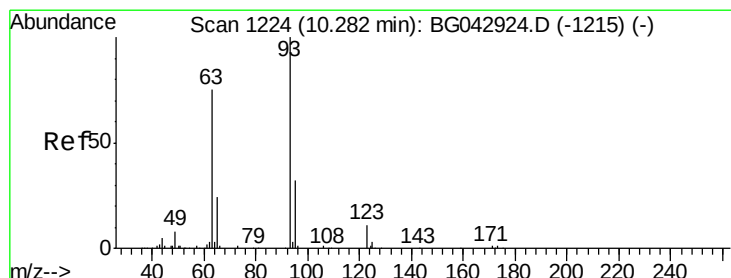
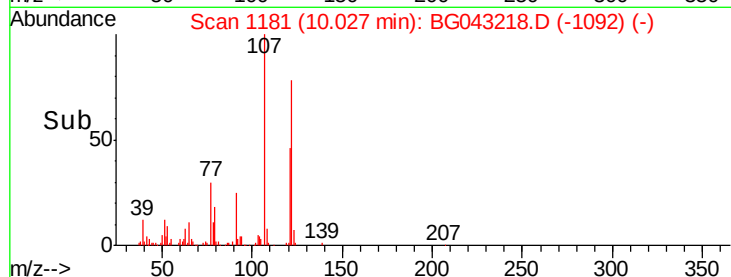
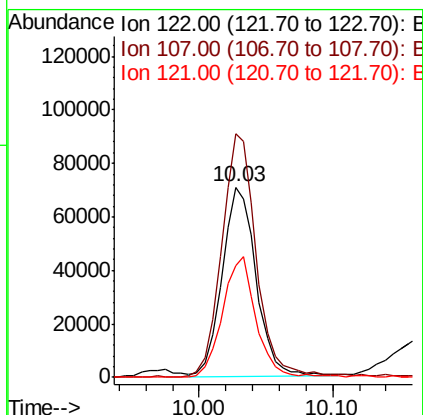
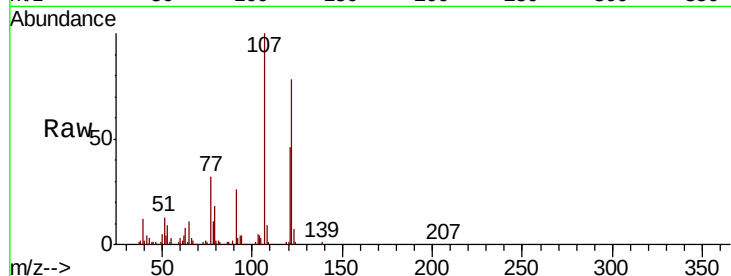




#27  
2,4-Dimethylphenol  
Concen: 51.254 ng  
RT: 10.03 min Scan# 1181  
Delta R.T. -0.01 min  
Lab File: BG043218.D  
Acq: 15 Oct 2019 14:42

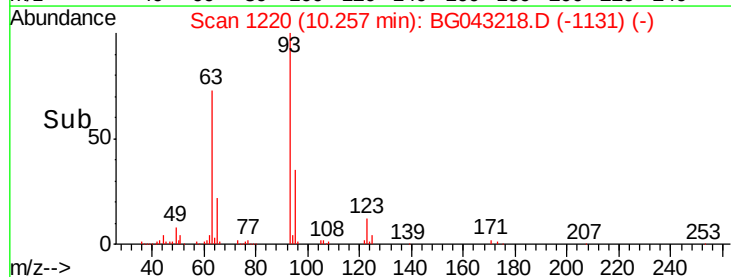
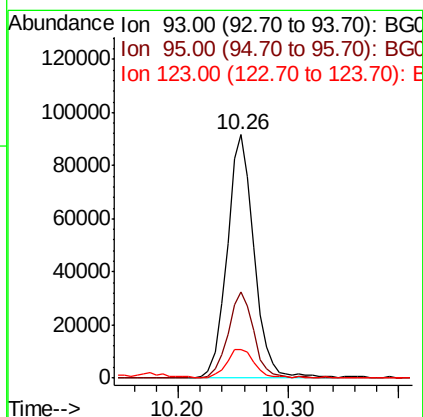
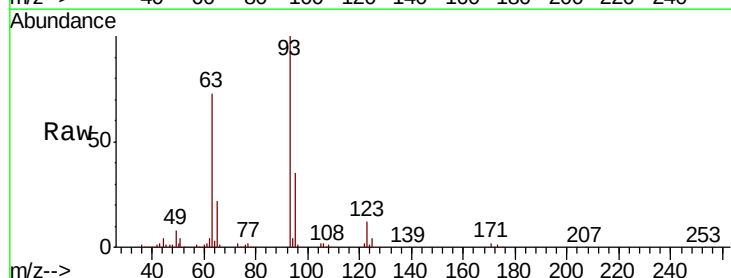
Instrument :  
BNA\_G  
ClientSampleId :

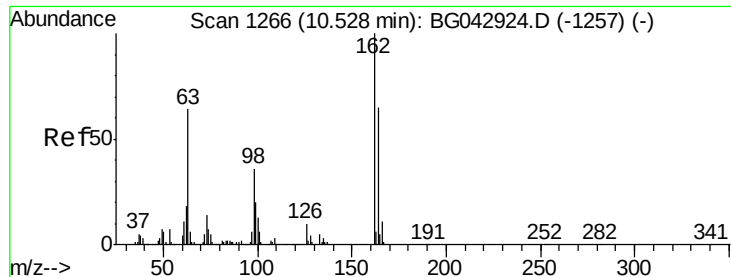
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 127.9 | 102.2 | 153.2 |
| 121     | 58.5  | 48.5  | 72.7  |



#28  
bis(2-Chloroethoxy)methane  
Concen: 39.760 ng  
RT: 10.26 min Scan# 1220  
Delta R.T. -0.01 min  
Lab File: BG043218.D  
Acq: 15 Oct 2019 14:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 35.2  | 25.4  | 38.0  |
| 123     | 11.9  | 9.3   | 13.9  |

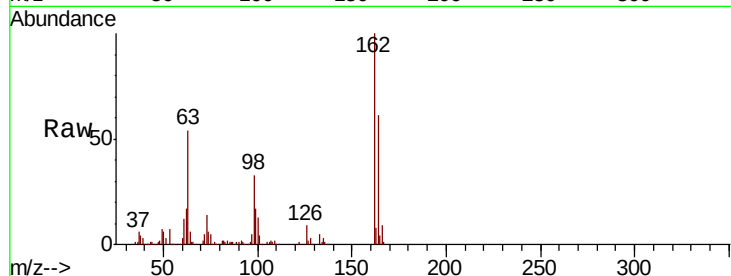




#29  
 2,4-Dichlorophenol  
 Concen: 46.843 ng  
 RT: 10.51 min Scan# 1263  
 Delta R.T. 0.00 min  
 Lab File: BG043218.D  
 Acq: 15 Oct 2019 14:42

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion   | 162   | Resp  | 143473 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 61.2  | 44.7  | 84.7   |
| 98        | 33.0  | 16.0  | 56.0   |

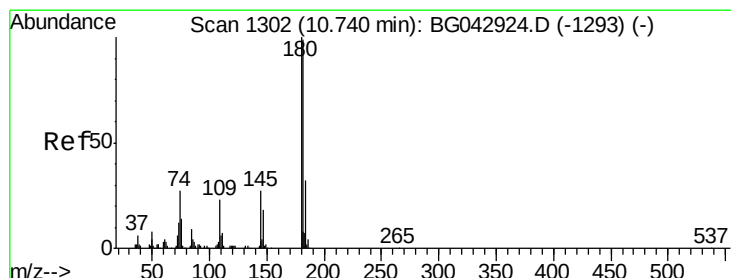
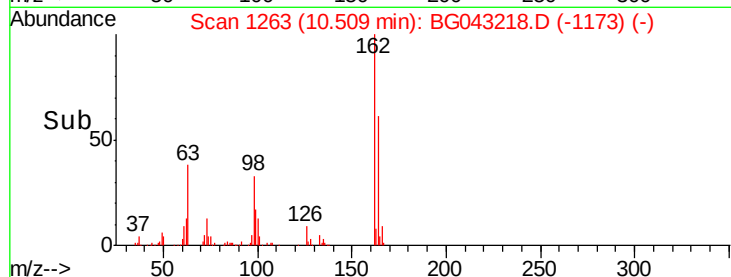
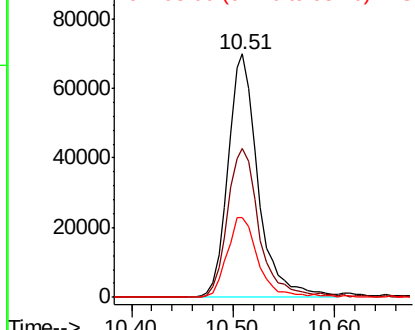


Abundance

Ion 162.00 (161.70 to 162.70): E

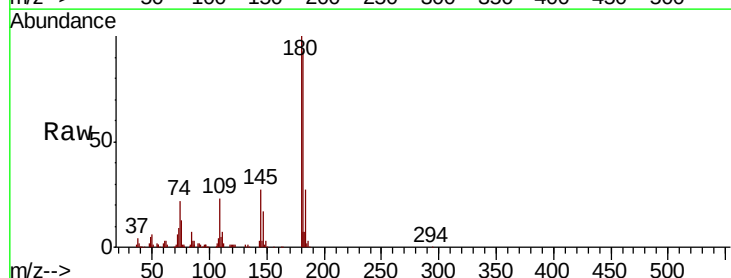
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30  
 1,2,4-Trichlorobenzene  
 Concen: 41.992 ng  
 RT: 10.72 min Scan# 1299  
 Delta R.T. 0.00 min  
 Lab File: BG043218.D  
 Acq: 15 Oct 2019 14:42

| Tgt Ion   | 180   | Resp  | 166090 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 93.1  | 79.3  | 118.9  |
| 145       | 27.2  | 22.0  | 33.0   |

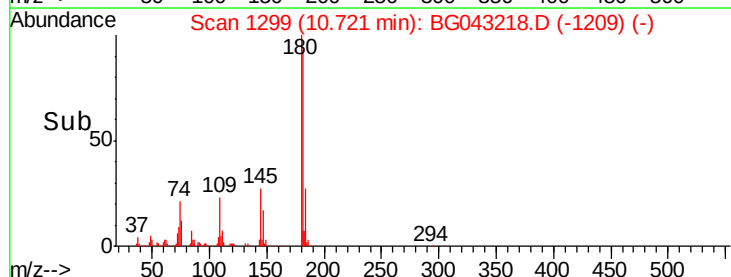
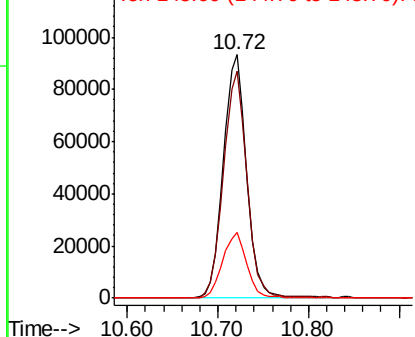


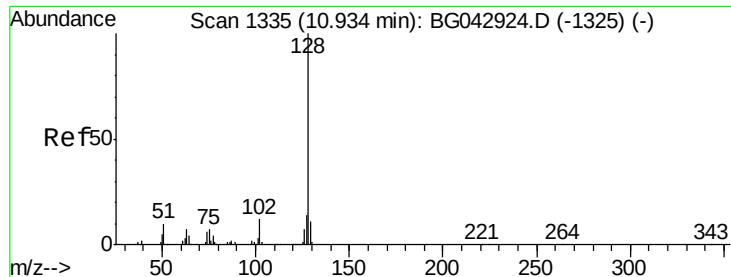
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

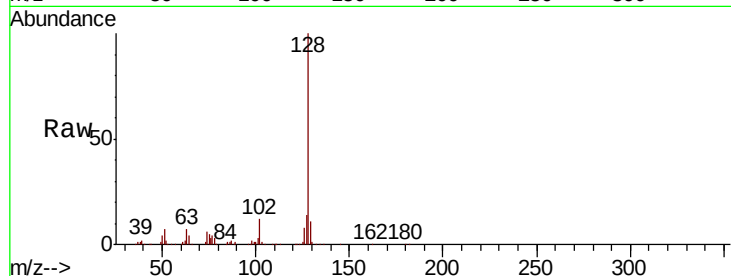




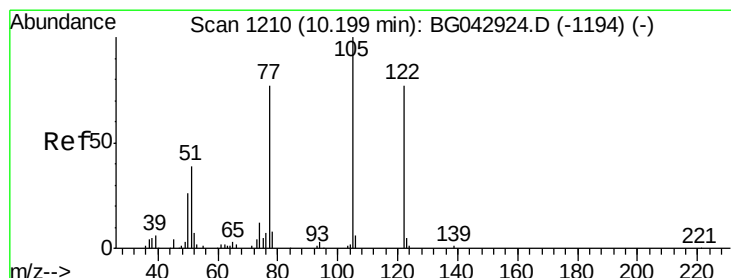
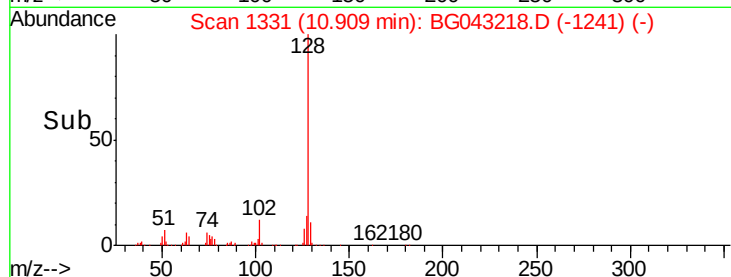
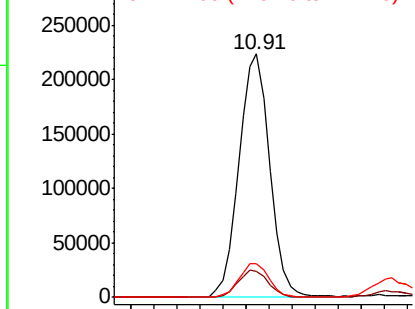
#31  
Naphthalene  
Concen: 43.687 ng  
RT: 10.91 min Scan# 1331  
Delta R.T. 0.00 min  
Lab File: BG043218.D  
Acq: 15 Oct 2019 14:42

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.9  | 8.8   | 13.2  |
| 127     | 13.6  | 11.3  | 16.9  |

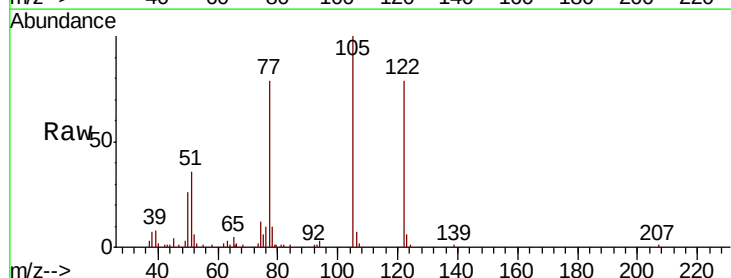


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

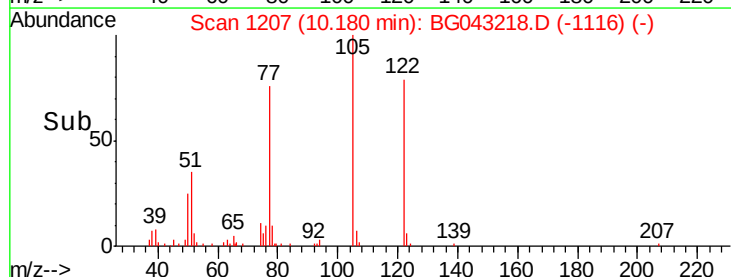
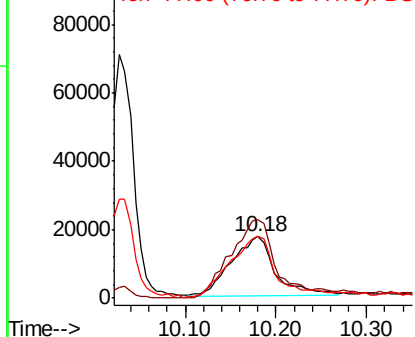


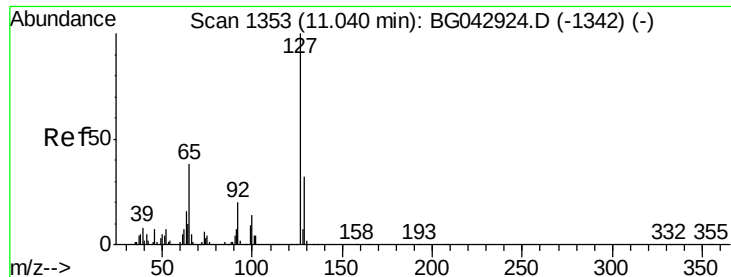
#32  
Benzoic acid  
Concen: 32.806 ng  
RT: 10.18 min Scan# 1207  
Delta R.T. 0.01 min  
Lab File: BG043218.D  
Acq: 15 Oct 2019 14:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 127.1 | 107.5 | 147.5 |
| 77      | 100.3 | 79.8  | 119.8 |



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

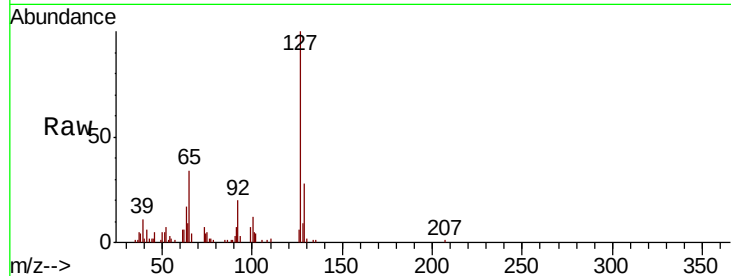




#33  
4-Chloroaniline  
Concen: 11.422 ng  
RT: 11.03 min Scan# 1351  
Delta R.T. 0.01 min  
Lab File: BG043218.D  
Acq: 15 Oct 2019 14:42

Instrument :  
BNA\_G  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 46832 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 27.8  | 26.2  | 39.2  |
| 65       | 34.1  | 30.6  | 45.8  |
| 92       | 19.7  | 16.2  | 24.4  |



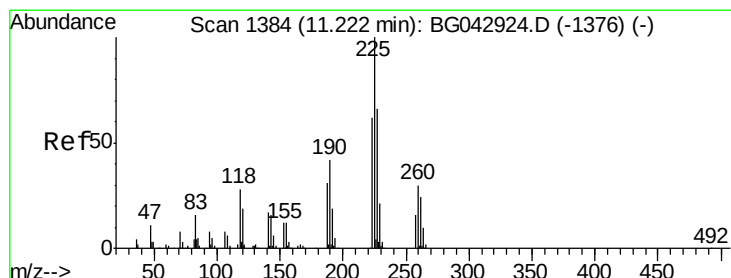
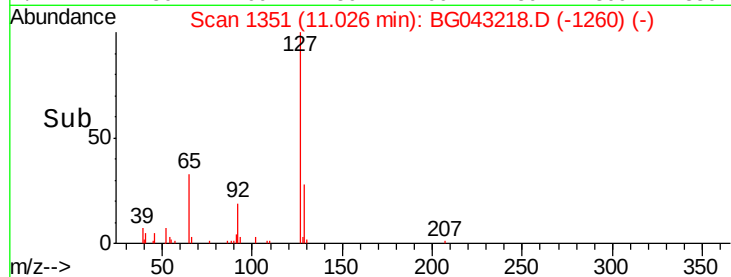
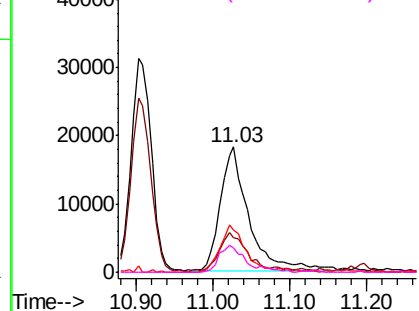
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

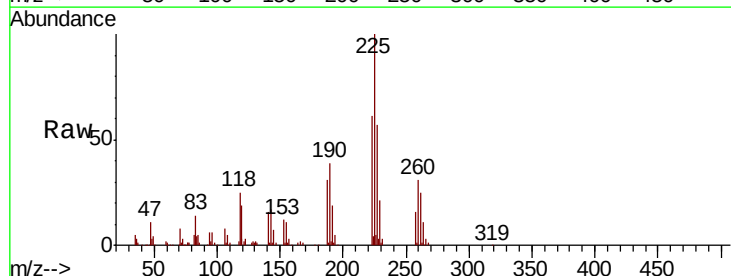
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34  
Hexachlorobutadiene  
Concen: 39.618 ng  
RT: 11.19 min Scan# 1379  
Delta R.T. -0.01 min  
Lab File: BG043218.D  
Acq: 15 Oct 2019 14:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 117332 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 61.0  | 49.3  | 73.9   |
| 227      | 56.9  | 52.8  | 79.2   |

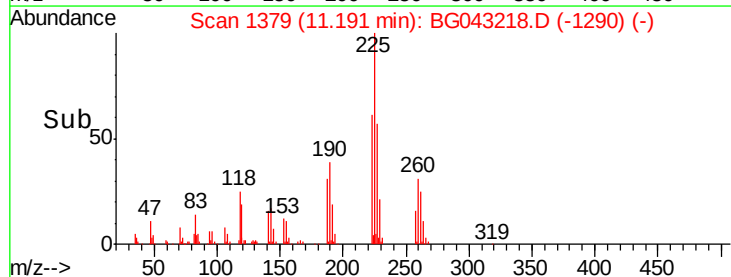
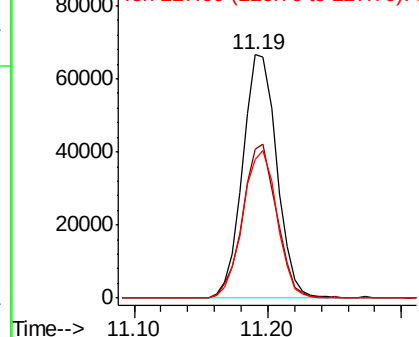


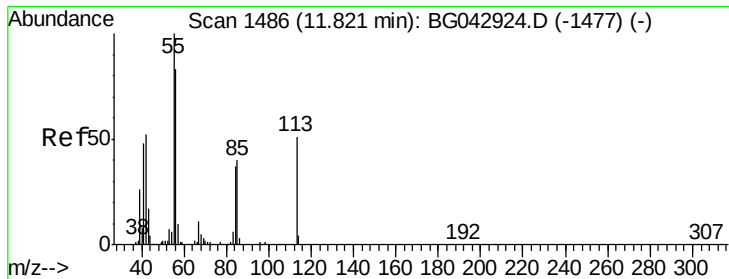
Abundance

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

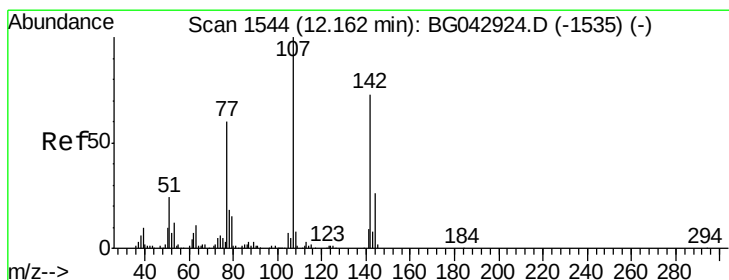
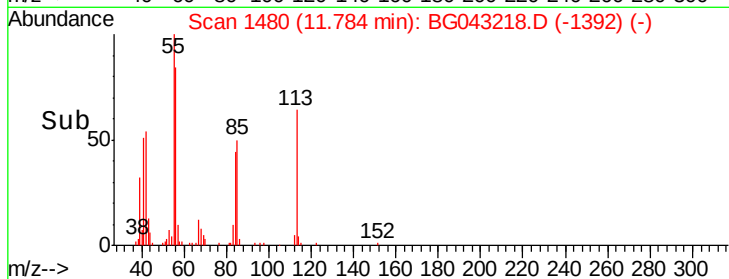
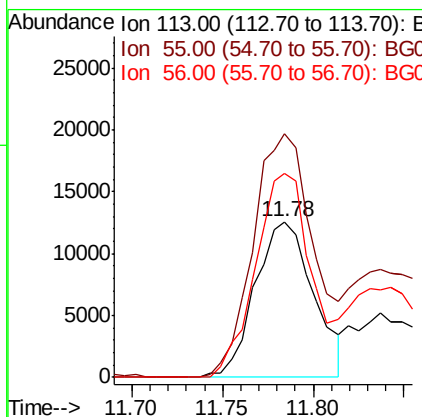
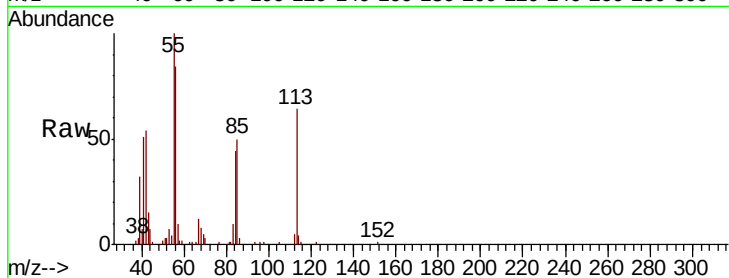




#35  
 Caprolactam  
 Concen: 25.937 ng  
 RT: 11.78 min Scan# 1480  
 Delta R.T. -0.01 min  
 Lab File: BG043218.D  
 Acq: 15 Oct 2019 14:42

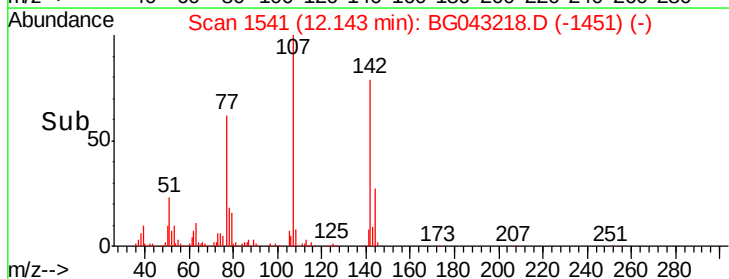
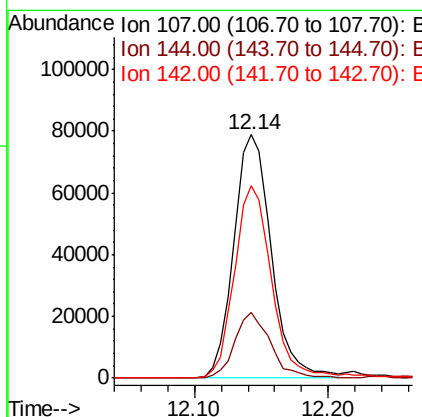
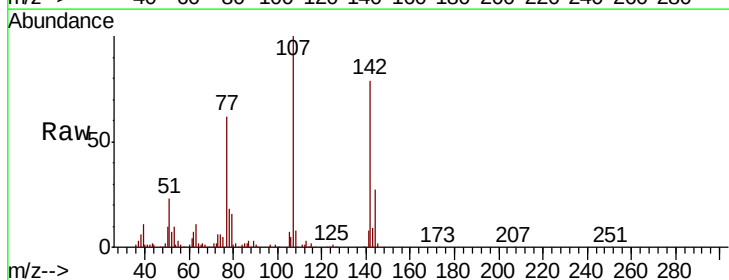
Instrument :  
 BNA\_G  
 ClientSampleId :

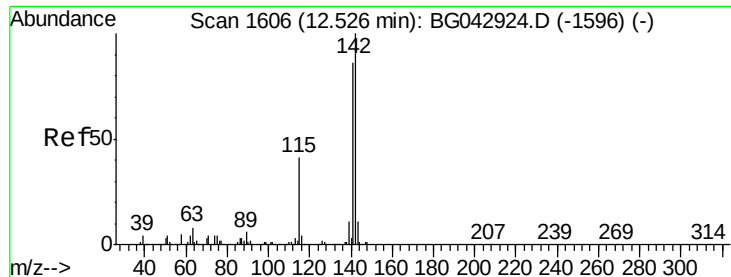
Tot Ion:113 Resp: 28015  
 Ion Ratio Lower Upper  
 113 100  
 55 156.7 175.5 215.5#  
 56 131.1 142.3 182.3#



#36  
 4-Chloro-3-methylphenol  
 Concen: 46.306 ng  
 RT: 12.14 min Scan# 1541  
 Delta R.T. 0.00 min  
 Lab File: BG043218.D  
 Acq: 15 Oct 2019 14:42

Tgt Ion:107 Resp: 154209  
 Ion Ratio Lower Upper  
 107 100  
 144 27.2 20.7 31.1  
 142 79.0 58.6 87.8

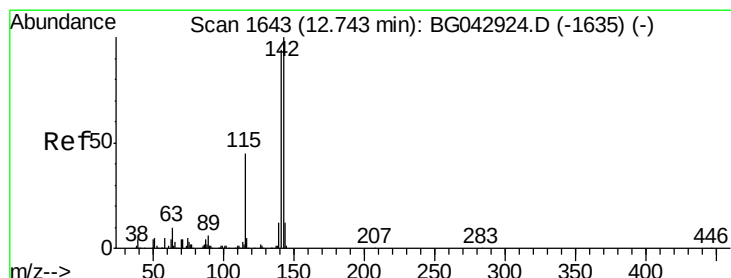
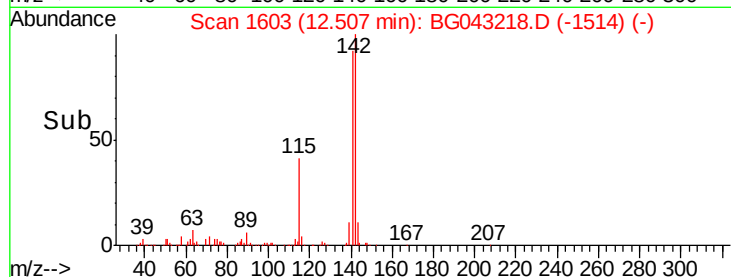
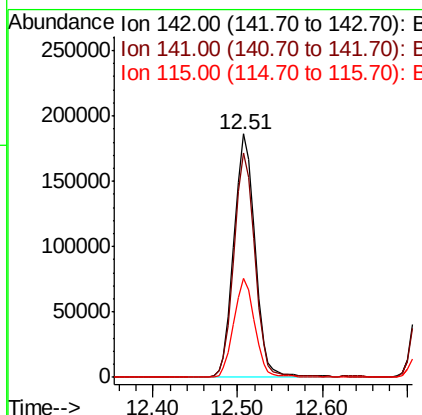
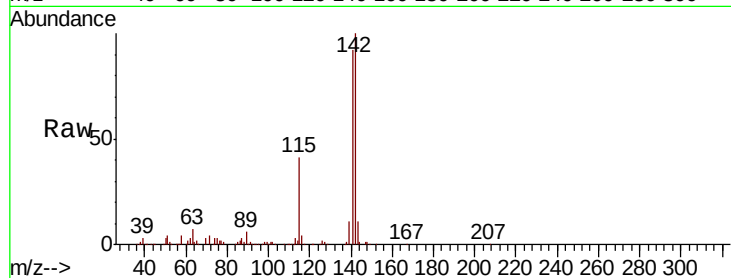




#37  
2-Methylnaphthalene  
Concen: 44.400 ng  
RT: 12.51 min Scan# 1603  
Delta R.T. -0.01 min  
Lab File: BG043218.D  
Acq: 15 Oct 2019 14:42

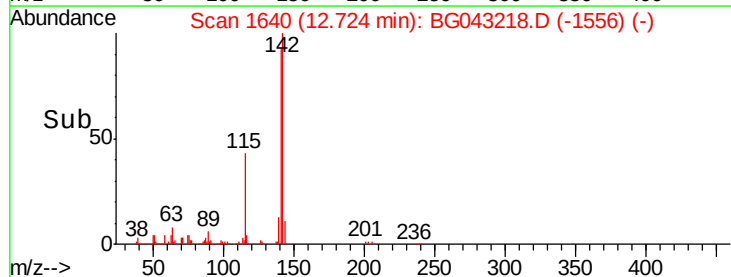
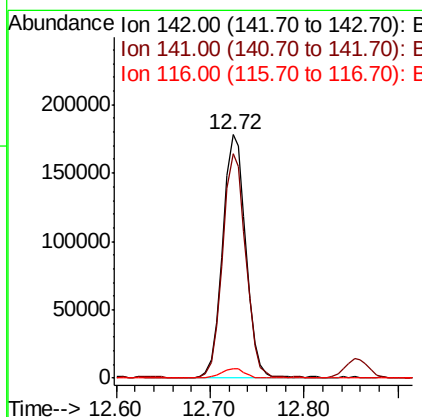
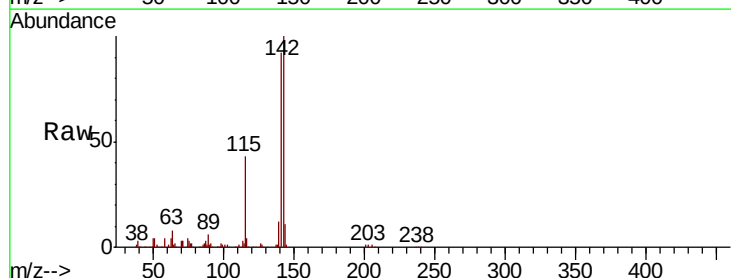
Instrument :  
BNA\_G  
ClientSampled :

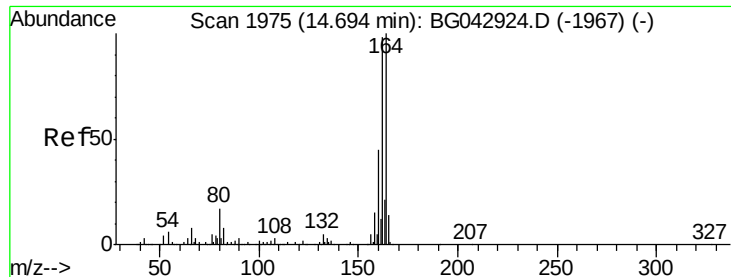
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.3  | 69.0  | 103.4 |
| 115     | 40.6  | 32.8  | 49.2  |



#38  
1-Methylnaphthalene  
Concen: 44.913 ng  
RT: 12.72 min Scan# 1640  
Delta R.T. -0.01 min  
Lab File: BG043218.D  
Acq: 15 Oct 2019 14:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.2  | 74.9  | 112.3 |
| 116     | 4.1   | 3.7   | 5.5   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. 0.00 min

Lab File: BG043218.D

Acq: 15 Oct 2019 14:42

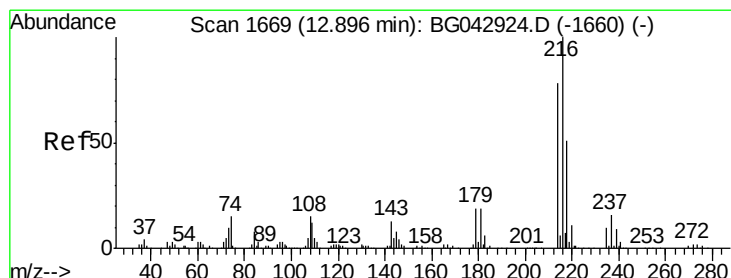
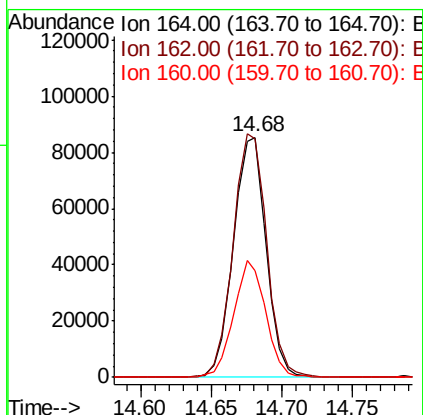
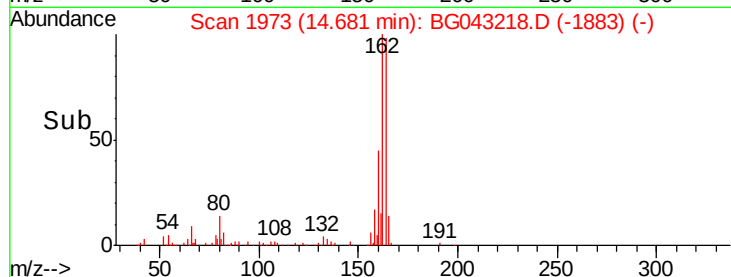
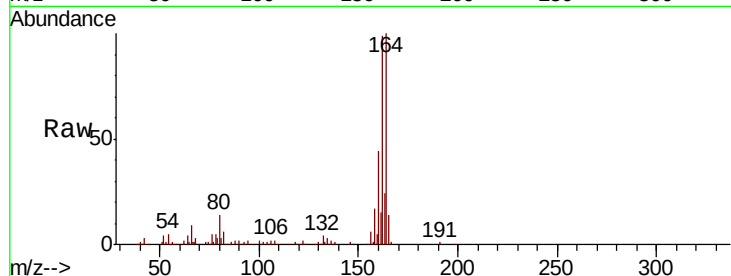
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:164 Resp: 137356

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 99.2  | 78.5  | 117.7 |
| 160 | 44.3  | 35.9  | 53.9  |



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.842 ng

RT: 12.88 min Scan# 1666

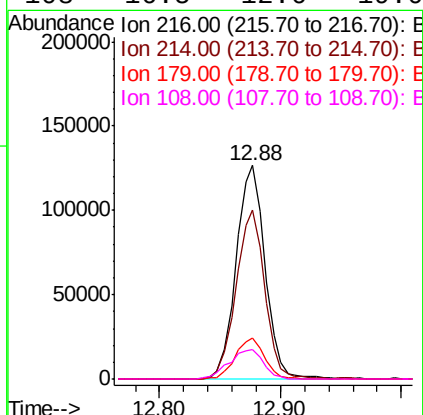
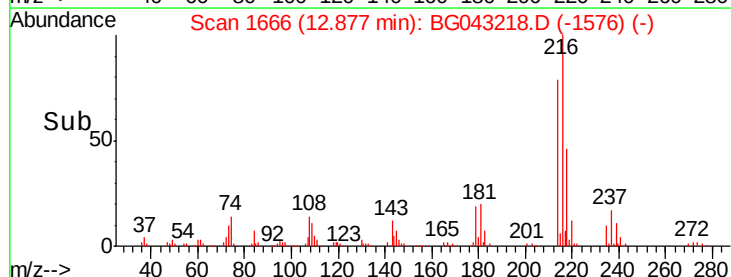
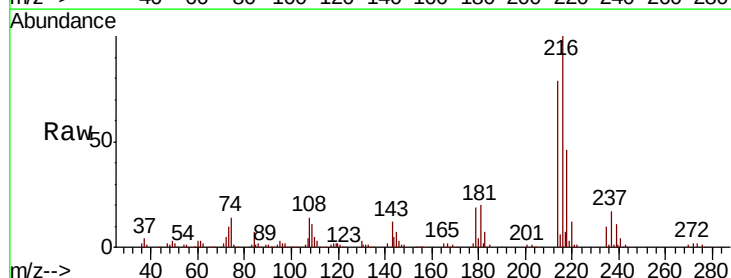
Delta R.T. 0.00 min

Lab File: BG043218.D

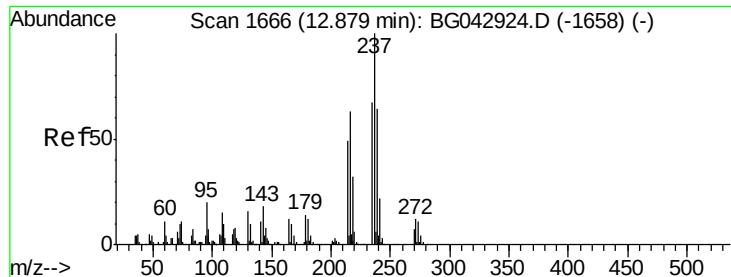
Acq: 15 Oct 2019 14:42

Tgt Ion:216 Resp: 210929

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100   |       |       |
| 214 | 78.7  | 62.4  | 93.6  |
| 179 | 19.5  | 15.4  | 23.2  |
| 108 | 16.5  | 12.6  | 19.0  |







#41

Hexachlorocyclopentadiene

Concen: 73.176 ng

RT: 12.86 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BG043218.D

Acq: 15 Oct 2019 14:42

Instrument :

BNA\_G

ClientSampleId :

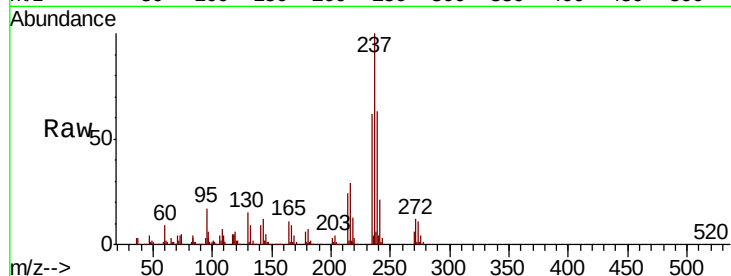
Tot Ion:237 Resp: 240792

Ion Ratio Lower Upper

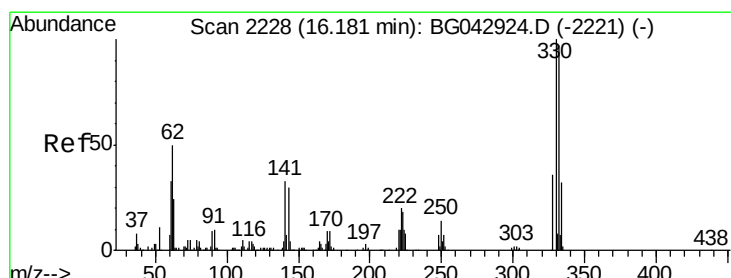
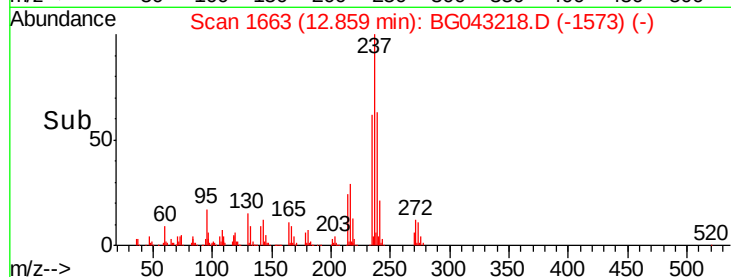
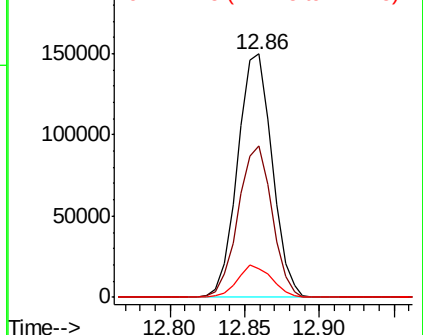
237 100

235 62.4 46.7 86.7

272 12.0 0.0 32.3



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: 63.549 ng

RT: 16.17 min Scan# 2226

Delta R.T. 0.00 min

Lab File: BG043218.D

Acq: 15 Oct 2019 14:42

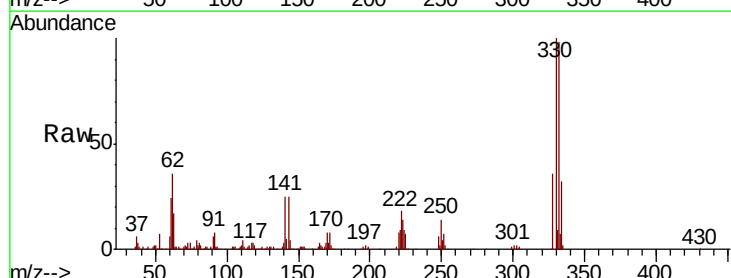
Tgt Ion:330 Resp: 150099

Ion Ratio Lower Upper

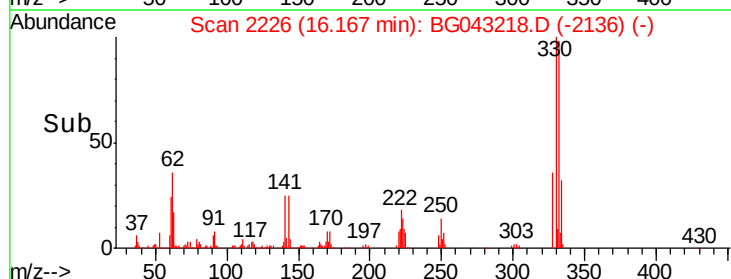
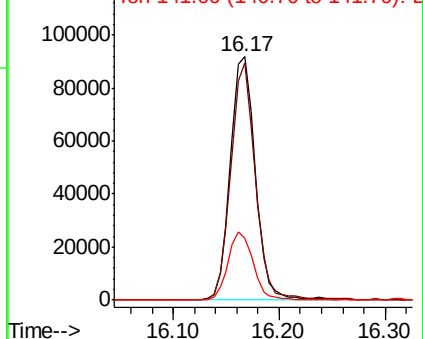
330 100

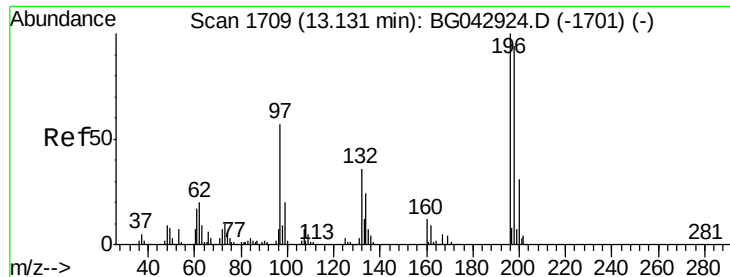
332 95.4 78.2 117.2

141 28.1 26.0 39.0



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

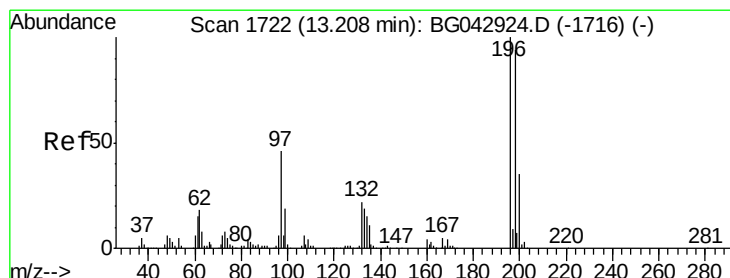
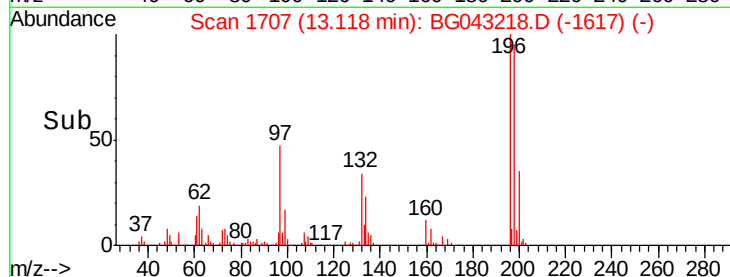
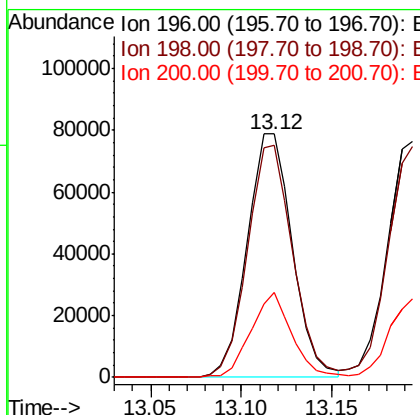
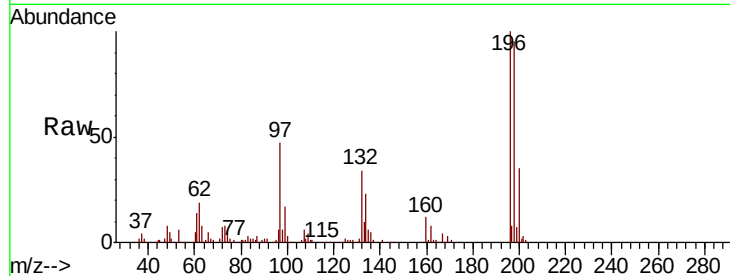




#43  
 2,4,6-Trichlorophenol  
 Concen: 45.023 ng  
 RT: 13.12 min Scan# 1707  
 Delta R.T. 0.00 min  
 Lab File: BG043218.D  
 Acq: 15 Oct 2019 14:42

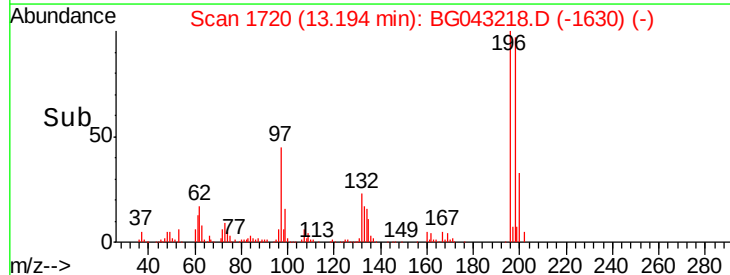
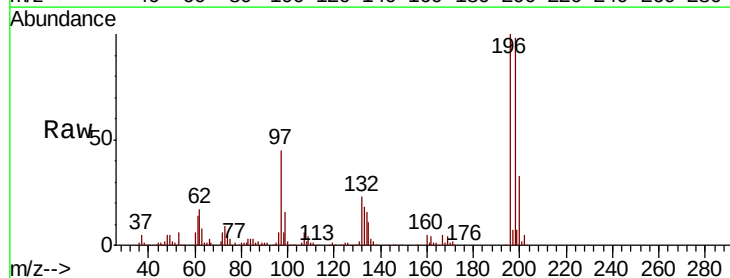
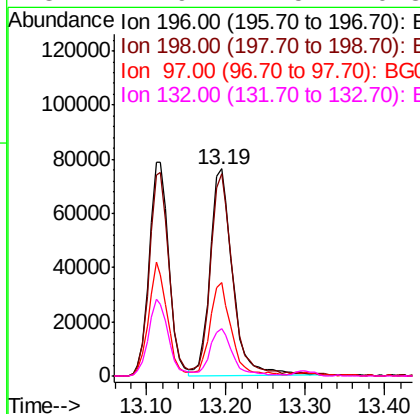
Instrument :  
 BNA\_G  
 ClientSampled :

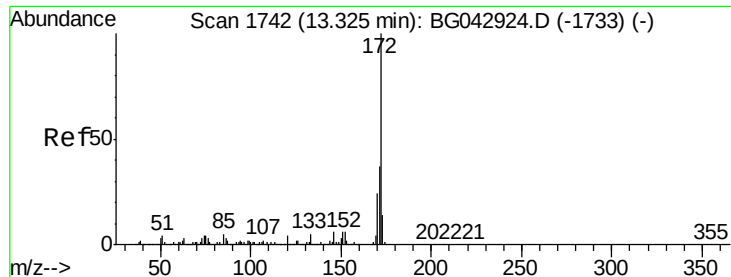
| Tot Ion   | 196   | Resp  | 136096 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 95.2  | 75.5  | 113.3  |
| 200       | 35.0  | 24.9  | 37.3   |



#44  
 2,4,5-Trichlorophenol  
 Concen: 48.477 ng  
 RT: 13.19 min Scan# 1720  
 Delta R.T. 0.00 min  
 Lab File: BG043218.D  
 Acq: 15 Oct 2019 14:42

| Tgt Ion   | 196   | Resp  | 150955 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 97.7  | 75.1  | 112.7  |
| 97        | 45.4  | 37.0  | 55.4   |
| 132       | 22.9  | 17.5  | 26.3   |

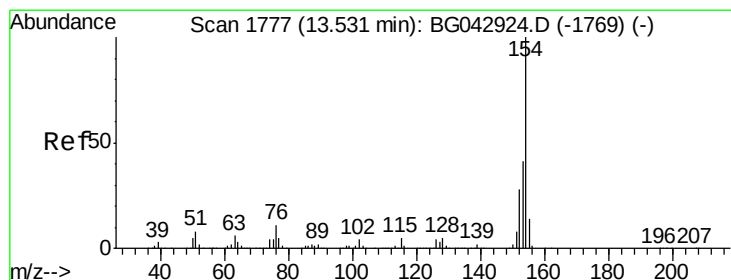
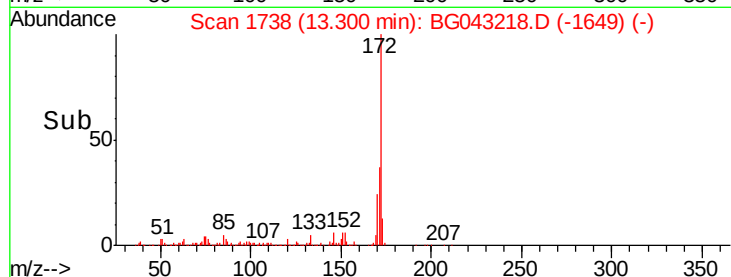
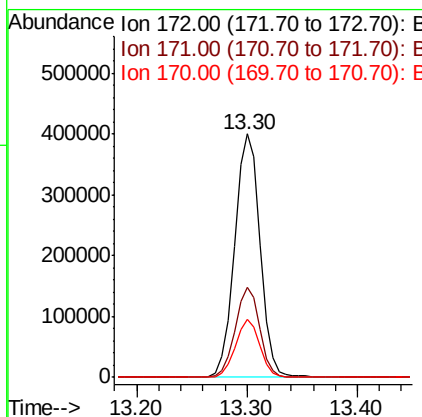
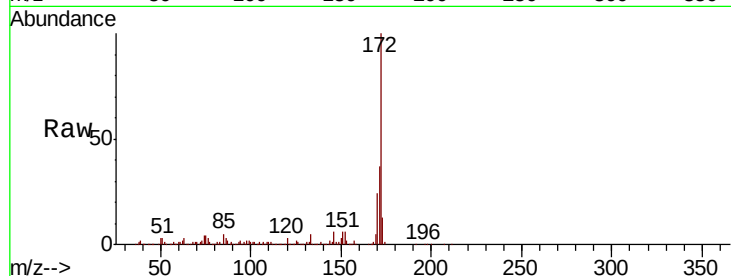




#45  
2-Fluorobiphenyl  
Concen: 68.006 ng  
RT: 13.30 min Scan# 1738  
Delta R.T. -0.01 min  
Lab File: BG043218.D  
Acq: 15 Oct 2019 14:42

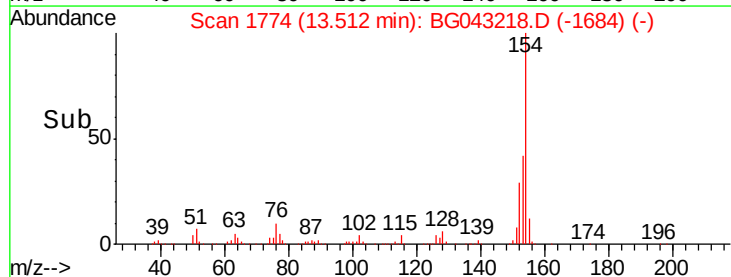
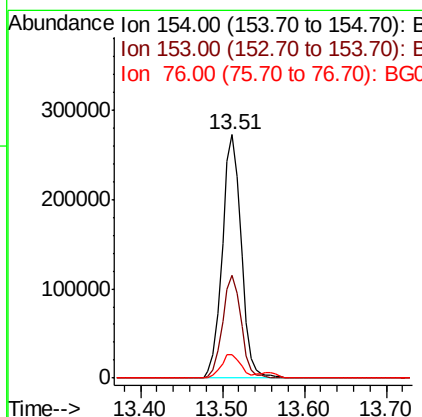
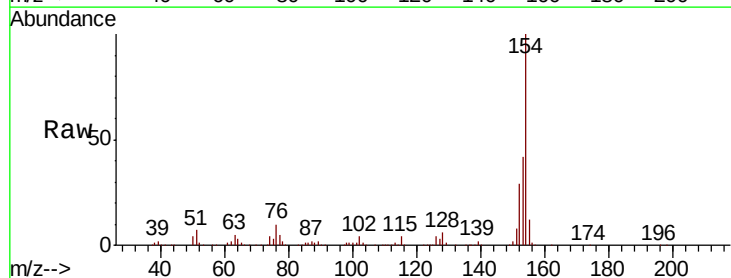
Instrument :  
BNA\_G  
ClientSampleId :

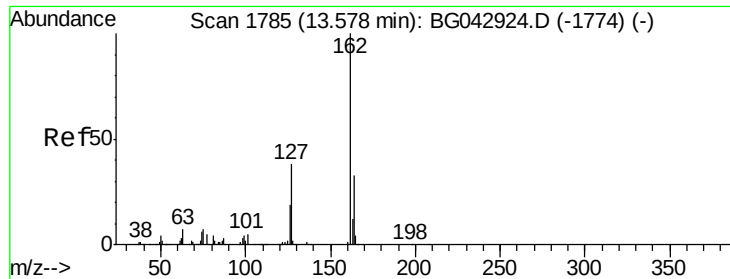
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.0  | 29.6  | 44.4  |
| 170     | 23.6  | 19.6  | 29.4  |



#46  
1,1'-Biphenyl  
Concen: 42.307 ng  
RT: 13.51 min Scan# 1774  
Delta R.T. 0.00 min  
Lab File: BG043218.D  
Acq: 15 Oct 2019 14:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.0  | 21.4  | 61.4  |
| 76      | 9.8   | 0.0   | 31.3  |

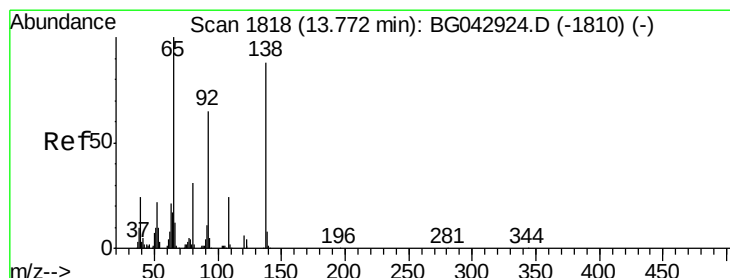
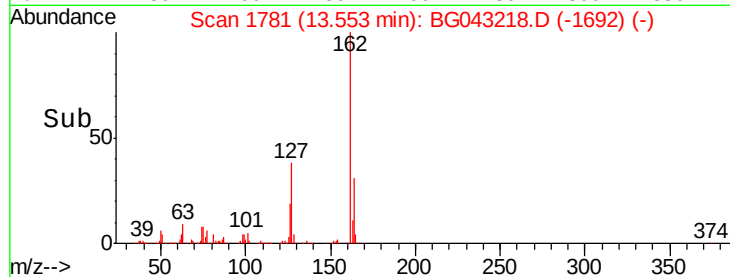
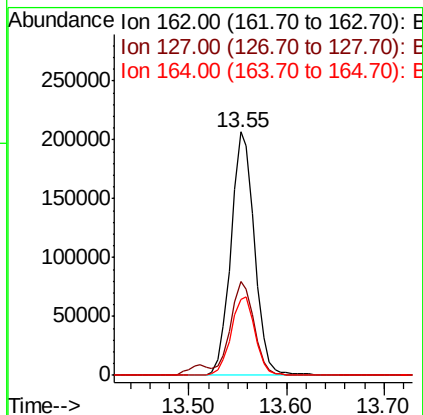
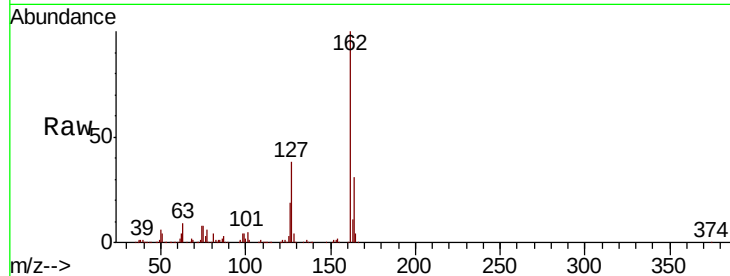




#47  
 2-Chloronaphthalene  
 Concen: 44.249 ng  
 RT: 13.55 min Scan# 1781  
 Delta R.T. -0.01 min  
 Lab File: BG043218.D  
 Acq: 15 Oct 2019 14:42

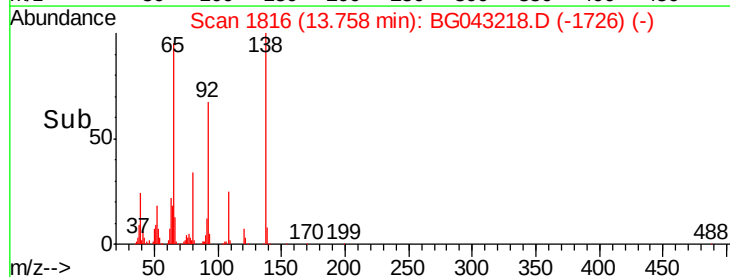
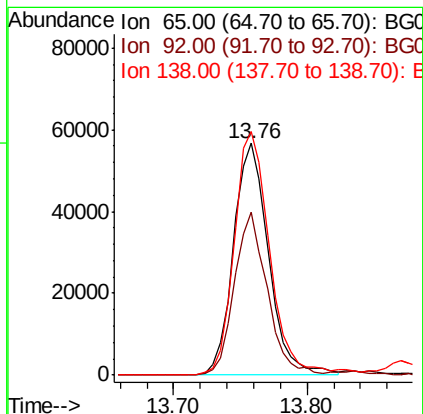
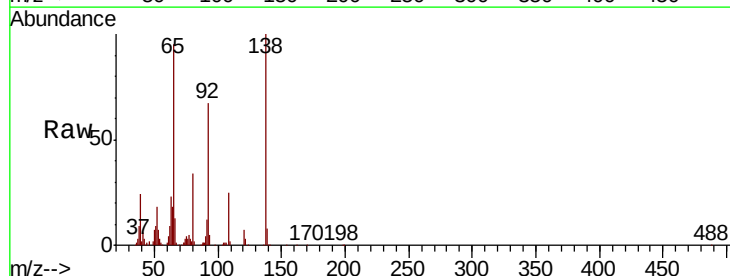
Instrument :  
 BNA\_G  
 ClientSampleId :

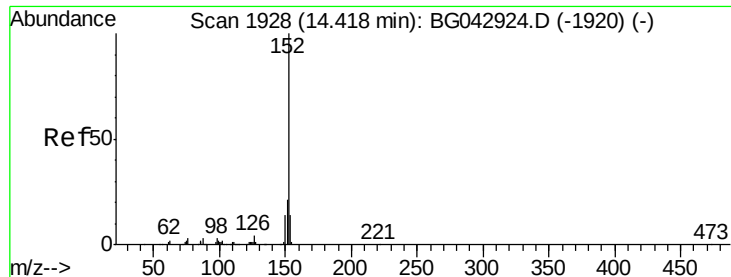
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 38.4  | 31.0  | 46.6  |
| 164     | 31.4  | 26.2  | 39.2  |



#48  
 2-Nitroaniline  
 Concen: 39.867 ng  
 RT: 13.76 min Scan# 1816  
 Delta R.T. 0.00 min  
 Lab File: BG043218.D  
 Acq: 15 Oct 2019 14:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 70.3  | 52.0  | 78.0  |
| 138     | 105.1 | 70.4  | 105.6 |





#49

Acenaphthylene

Concen: 46.940 ng

RT: 14.40 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BG043218.D

Acq: 15 Oct 2019 14:42

Instrument :

BNA\_G

ClientSampled :

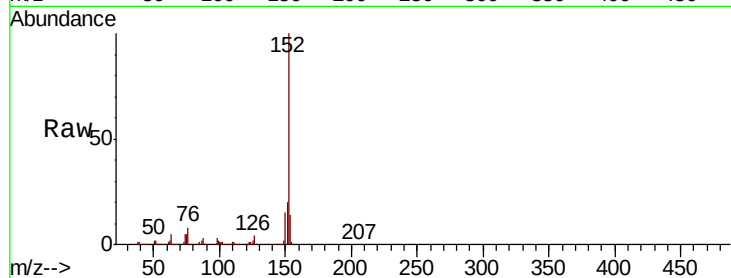
Tot Ion:152 Resp: 560928

Ion Ratio Lower Upper

152 100

151 20.0 16.8 25.2

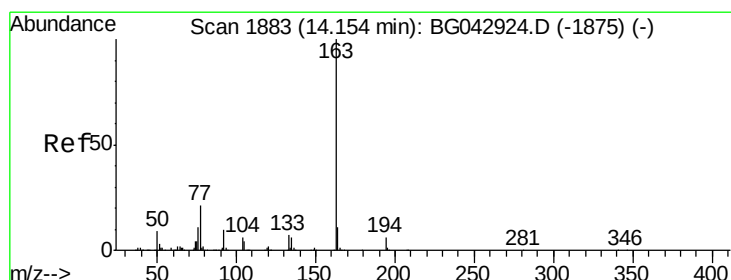
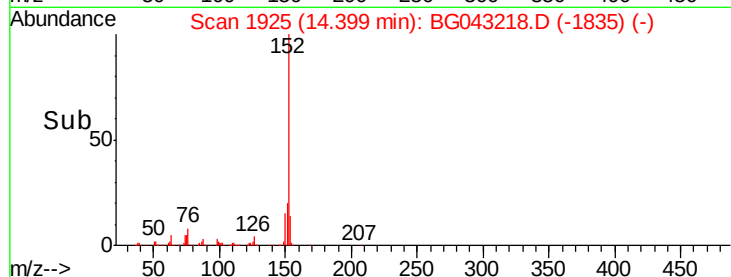
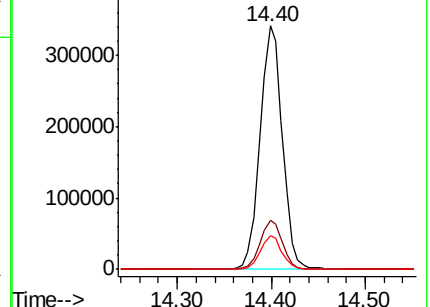
153 13.7 11.3 16.9



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: 53.901 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BG043218.D

Acq: 15 Oct 2019 14:42

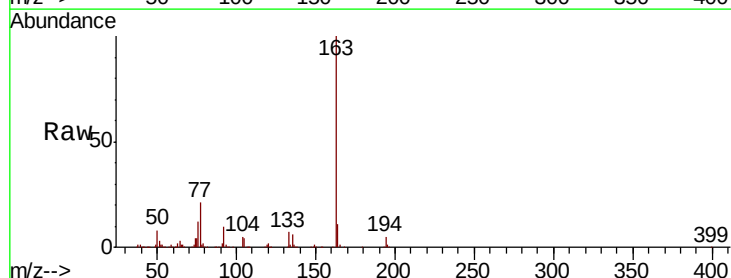
Tgt Ion:163 Resp: 554724

Ion Ratio Lower Upper

163 100

194 4.9 4.4 6.6

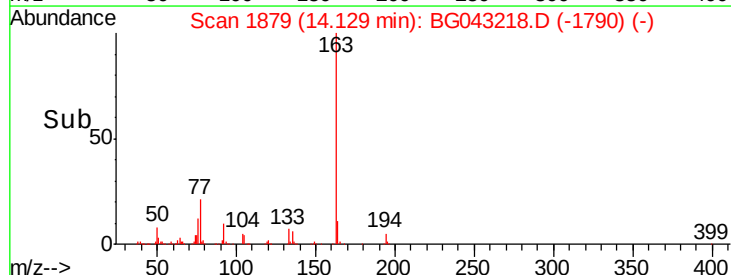
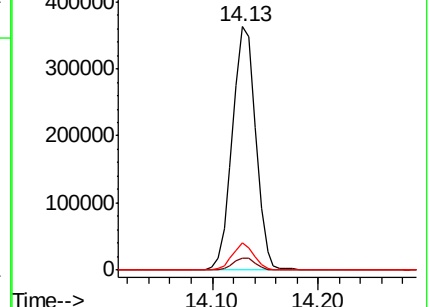
164 11.1 8.6 12.8

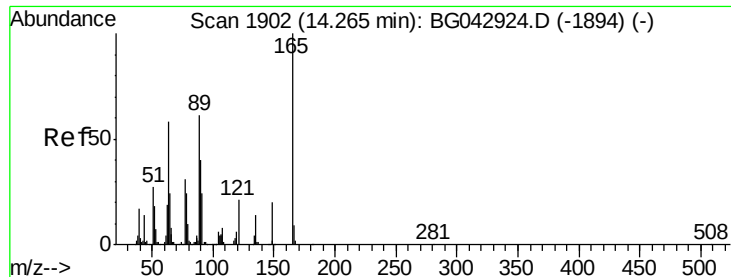


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

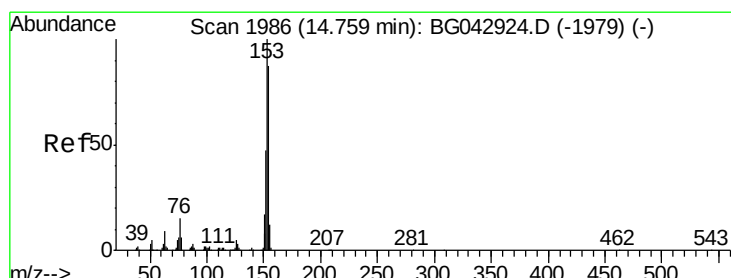
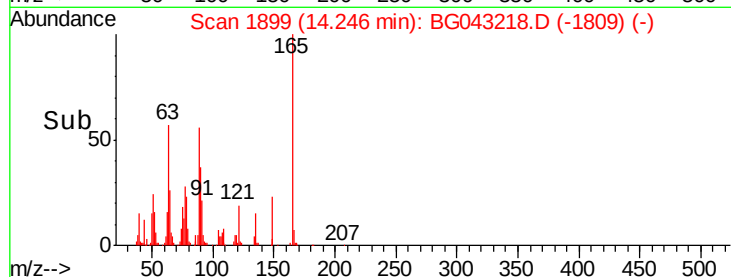
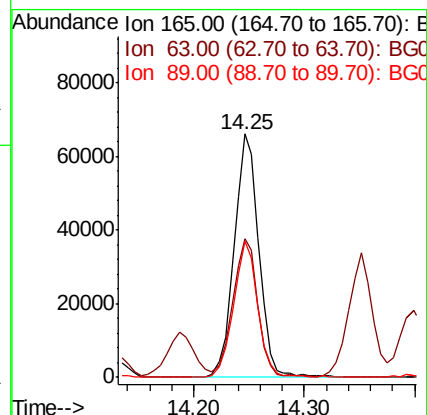
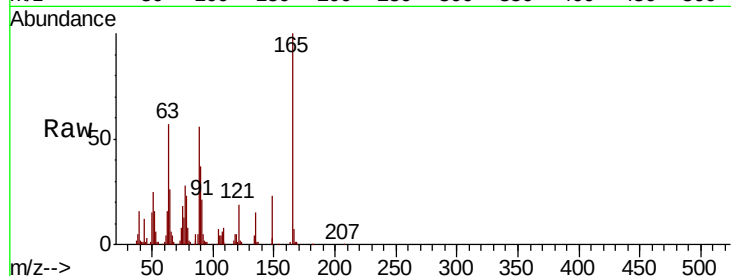




#51  
 2,6-Dinitrotoluene  
 Concen: 47.021 ng  
 RT: 14.25 min Scan# 1899  
 Delta R.T. 0.00 min  
 Lab File: BG043218.D  
 Acq: 15 Oct 2019 14:42

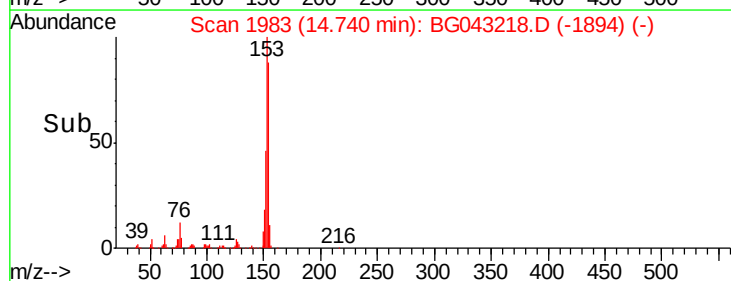
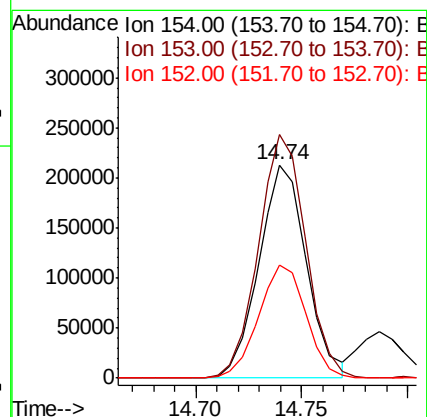
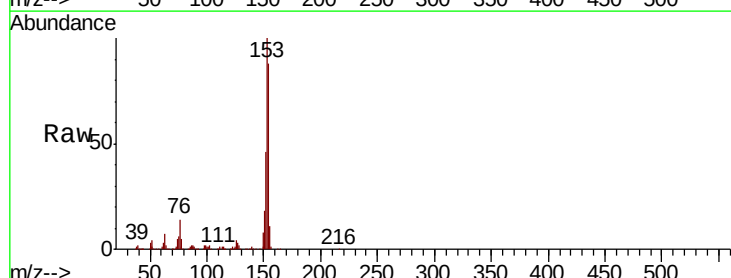
Instrument :  
 BNA\_G  
 ClientSampled :

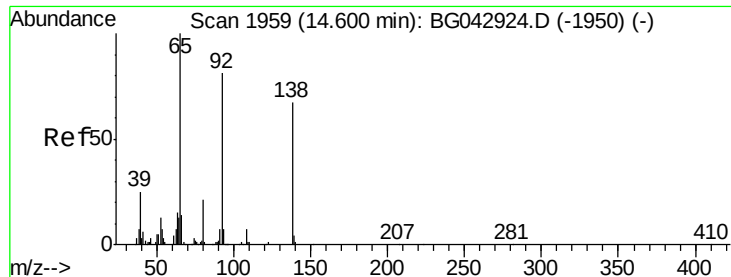
Tot Ion:165 Resp: 103054  
 Ion Ratio Lower Upper  
 165 100  
 63 57.2 50.3 75.5  
 89 55.8 48.9 73.3



#52  
 Acenaphthene  
 Concen: 41.713 ng  
 RT: 14.74 min Scan# 1983  
 Delta R.T. -0.01 min  
 Lab File: BG043218.D  
 Acq: 15 Oct 2019 14:42

Tgt Ion:154 Resp: 333644  
 Ion Ratio Lower Upper  
 154 100  
 153 114.2 91.4 137.0  
 152 53.0 42.8 64.2





#53

3-Nitroaniline

Concen: 20.554 ng

RT: 14.59 min Scan# 1957

Delta R.T. 0.00 min

Lab File: BG043218.D

Acq: 15 Oct 2019 14:42

Instrument :

BNA\_G

ClientSampleId :

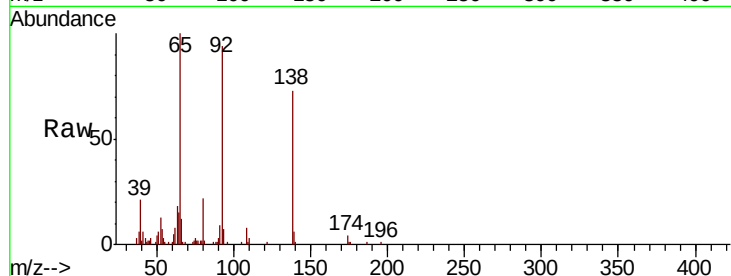
Tot Ion:138 Resp: 46555

Ion Ratio Lower Upper

138 100

108 11.3 7.9 11.9

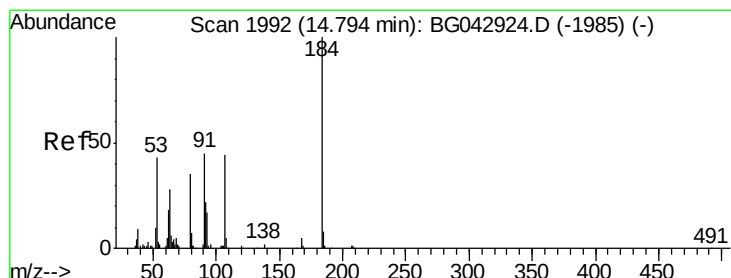
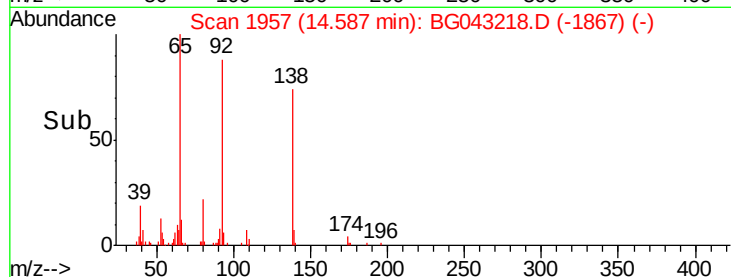
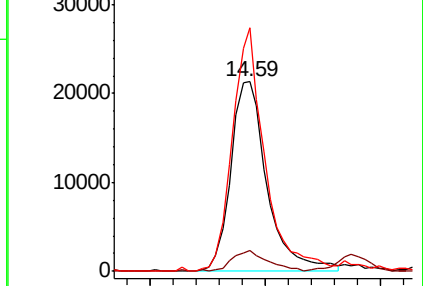
92 128.5 97.0 145.6



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: 85.780 ng

RT: 14.79 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BG043218.D

Acq: 15 Oct 2019 14:42

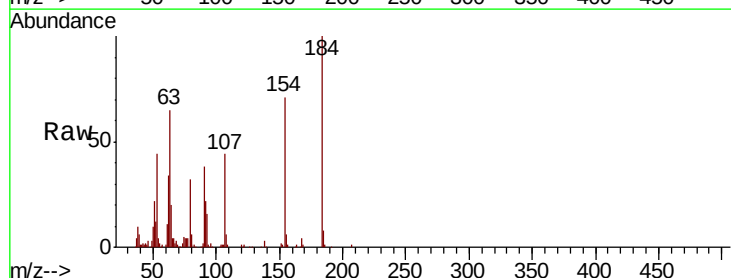
Tgt Ion:184 Resp: 116858

Ion Ratio Lower Upper

184 100

63 65.4 55.0 82.6

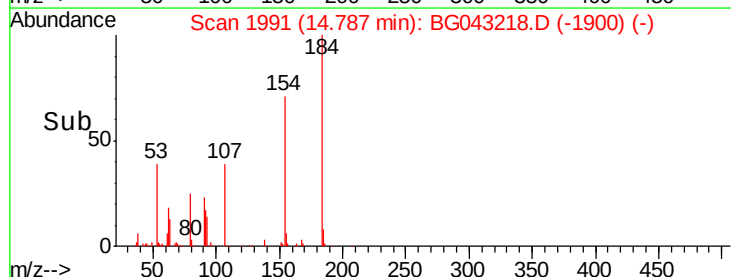
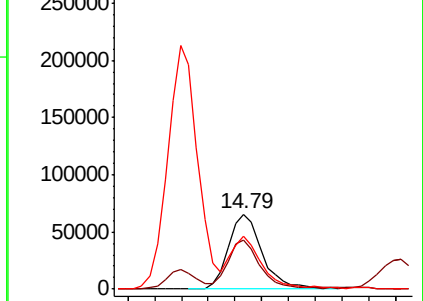
154 70.9 56.5 84.7

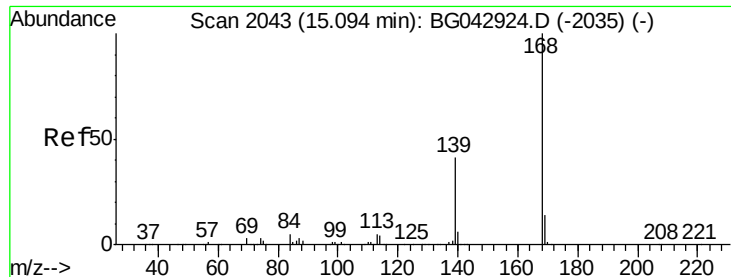


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

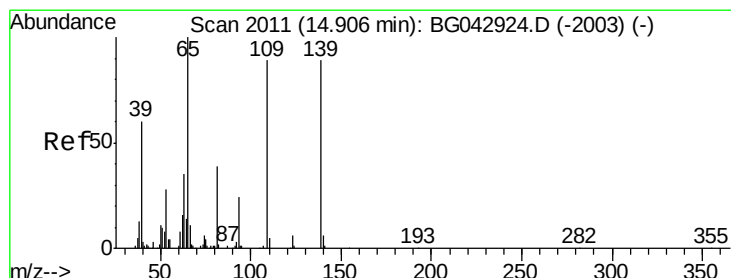
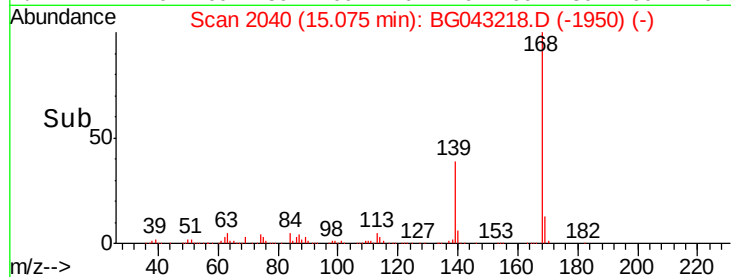
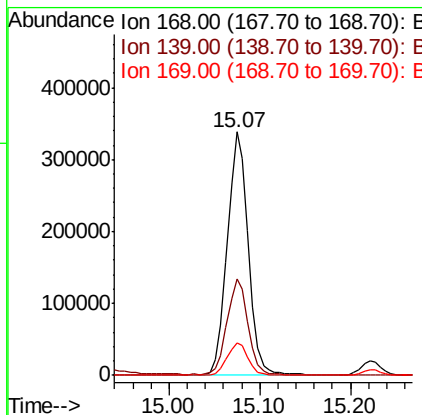
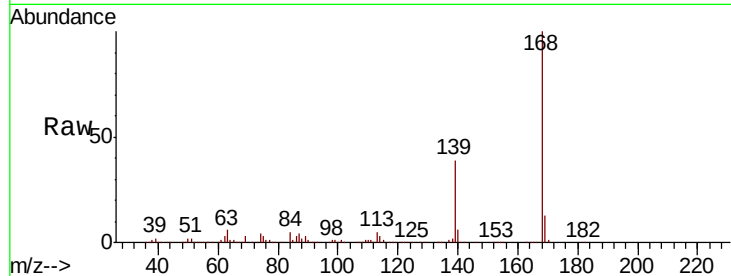




#55  
Dibenzenofuran  
Concen: 45.818 ng  
RT: 15.07 min Scan# 2040  
Delta R.T. 0.00 min  
Lab File: BG043218.D  
Acq: 15 Oct 2019 14:42

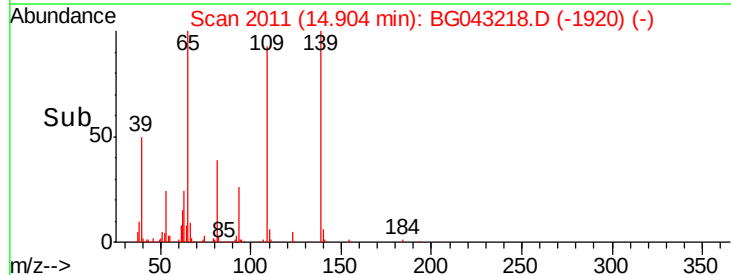
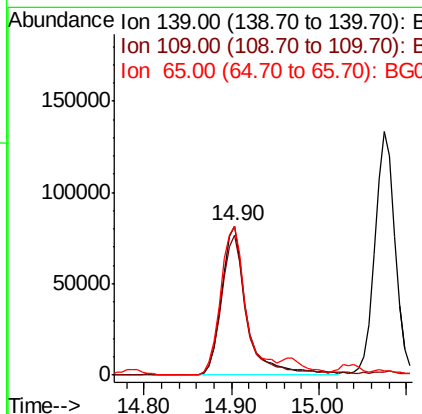
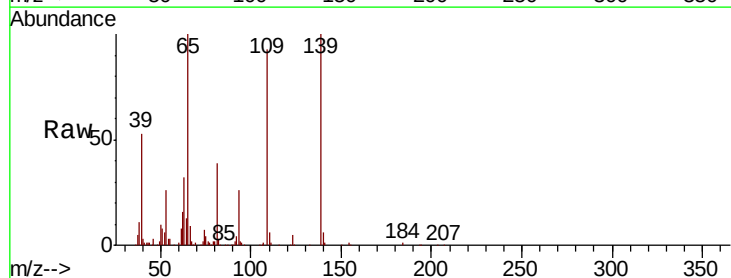
Instrument :  
BNA\_G  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 39.4  | 32.6  | 48.8  |
| 169     | 13.5  | 11.2  | 16.8  |

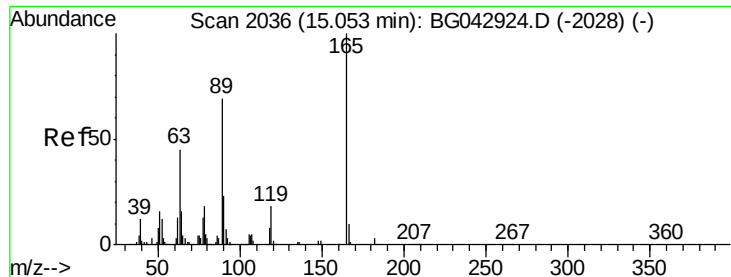


#56  
4-Nitrophenol  
Concen: 94.847 ng  
RT: 14.90 min Scan# 2011  
Delta R.T. 0.01 min  
Lab File: BG043218.D  
Acq: 15 Oct 2019 14:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 93.2  | 79.4  | 119.4 |
| 65      | 99.9  | 92.5  | 132.5 |



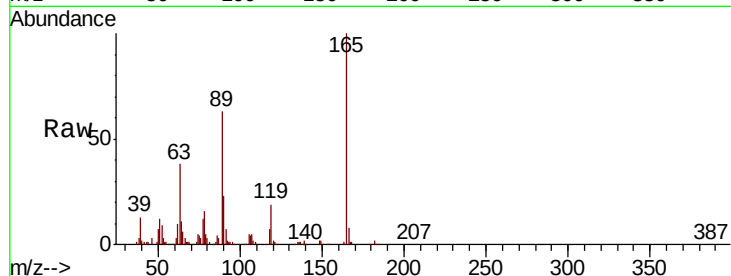




#57  
2,4-Dinitrotoluene  
Concen: 46.296 ng  
RT: 15.04 min Scan# 2034  
Delta R.T. 0.01 min  
Lab File: BG043218.D  
Acq: 15 Oct 2019 14:42

Instrument :  
BNA\_G  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 38.4  | 36.5  | 54.7  |
| 89      | 63.2  | 55.5  | 83.3  |
| 182     | 2.3   | 2.4   | 3.6   |



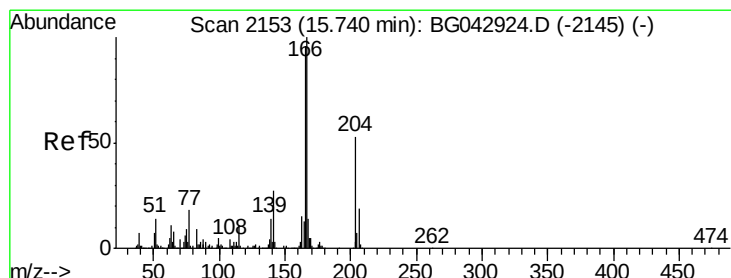
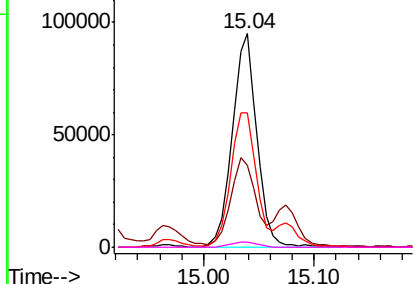
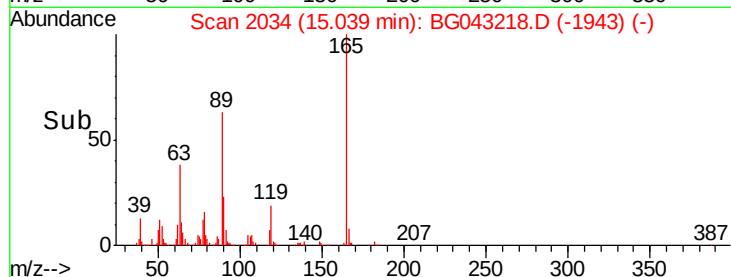
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

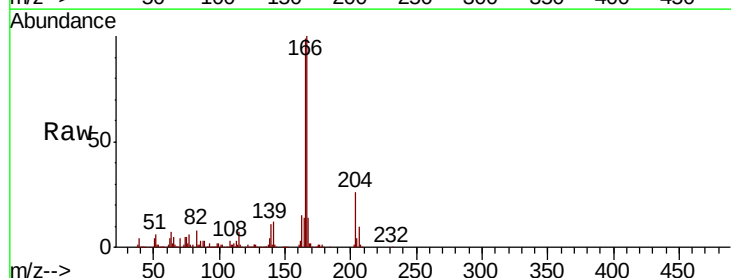
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 45.263 ng  
RT: 15.73 min Scan# 2151  
Delta R.T. 0.00 min  
Lab File: BG043218.D  
Acq: 15 Oct 2019 14:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.6  | 77.1  | 115.7 |
| 167     | 13.8  | 11.0  | 16.6  |

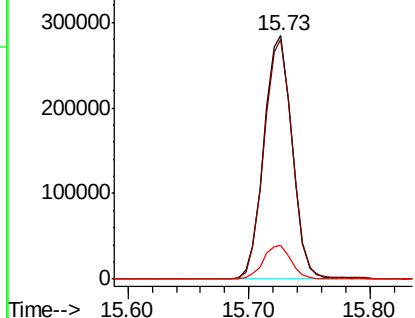
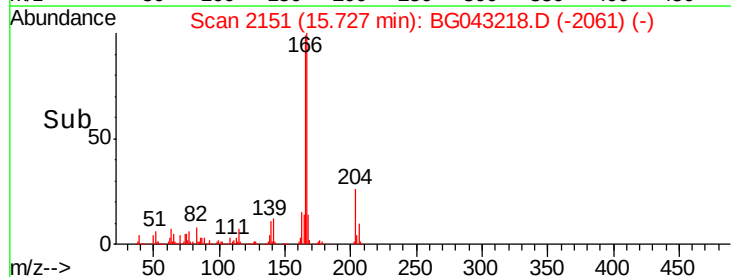


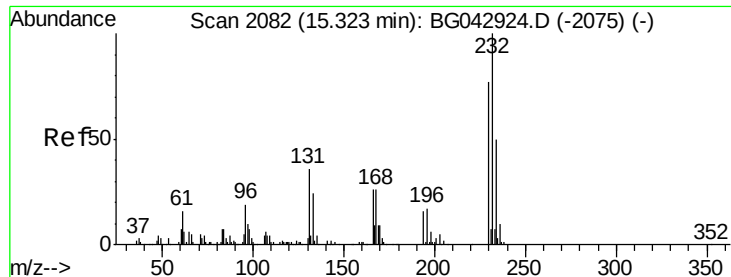
Abundance

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

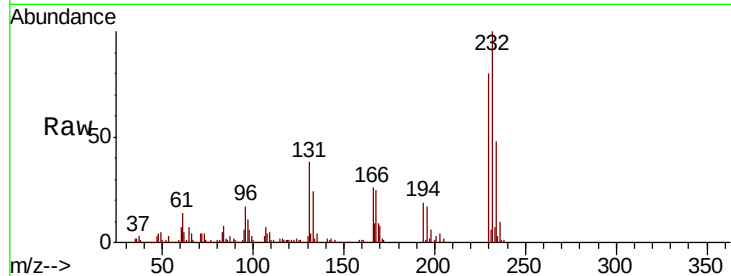




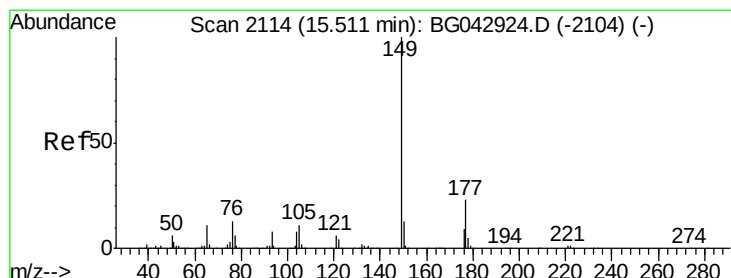
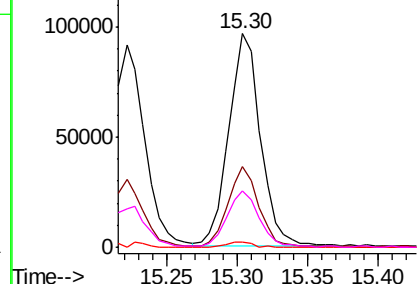
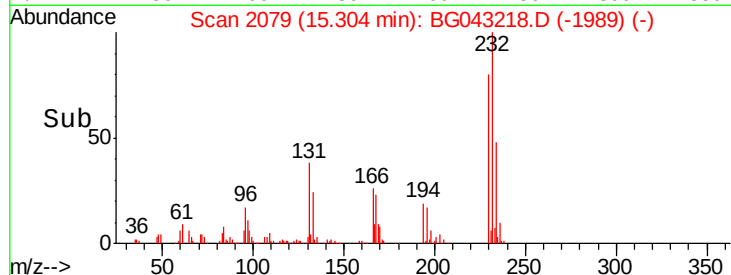
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 45.526 ng  
 RT: 15.30 min Scan# 2079  
 Delta R.T. 0.00 min  
 Lab File: BG043218.D  
 Acq: 15 Oct 2019 14:42

Instrument :  
 BNA\_G  
 ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:232 | Resp: | 150945    |
| Ion Ratio   | Lower | Upper     |
| 232         | 100   |           |
| 131         | 35.8  | 29.6 44.4 |
| 130         | 2.1   | 1.9 2.9   |
| 166         | 26.4  | 21.8 32.8 |

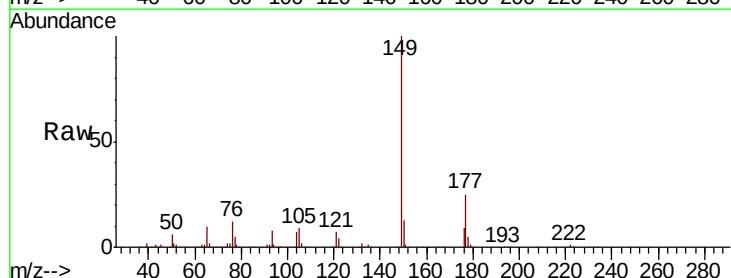


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

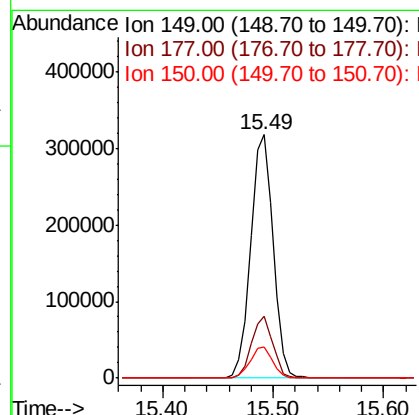
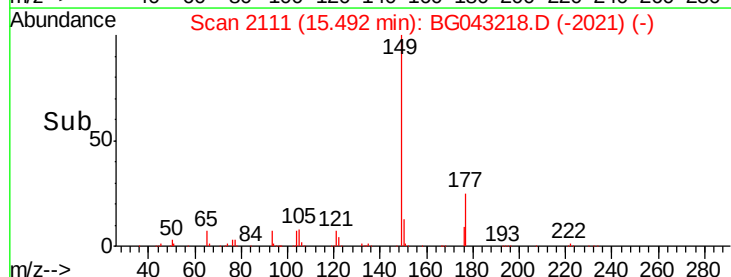


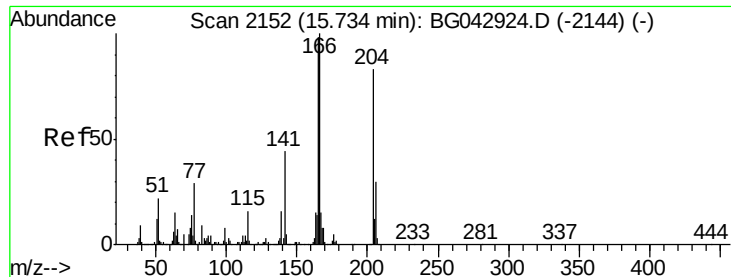
#60  
 Diethylphthalate  
 Concen: 43.381 ng  
 RT: 15.49 min Scan# 2111  
 Delta R.T. 0.00 min  
 Lab File: BG043218.D  
 Acq: 15 Oct 2019 14:42

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 454360    |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 177         | 25.2  | 18.8 28.2 |
| 150         | 13.0  | 10.6 15.8 |



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

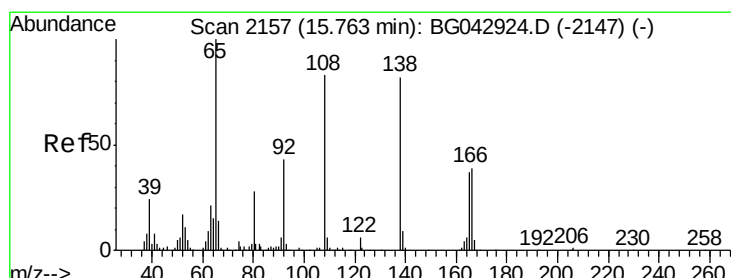
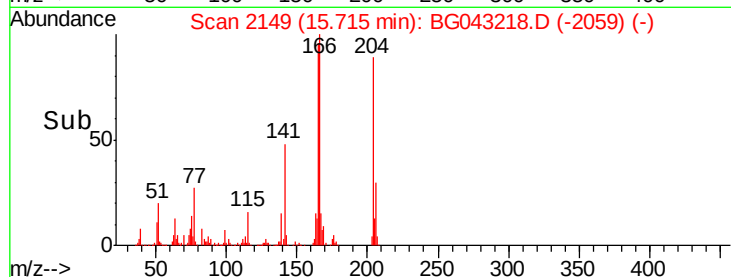
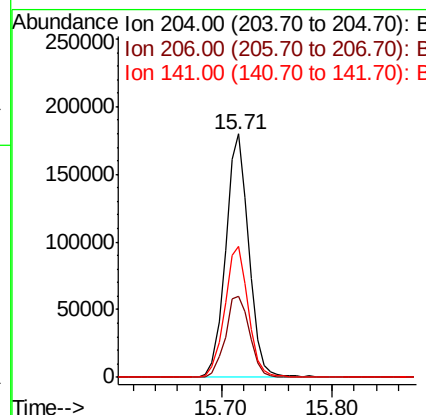
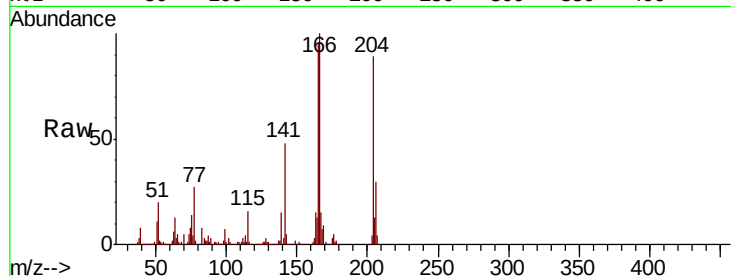




#61  
4-Chlorophenyl-phenylether  
Concen: 43.388 ng  
RT: 15.71 min Scan# 2149  
Delta R.T. 0.00 min  
Lab File: BG043218.D  
Acq: 15 Oct 2019 14:42

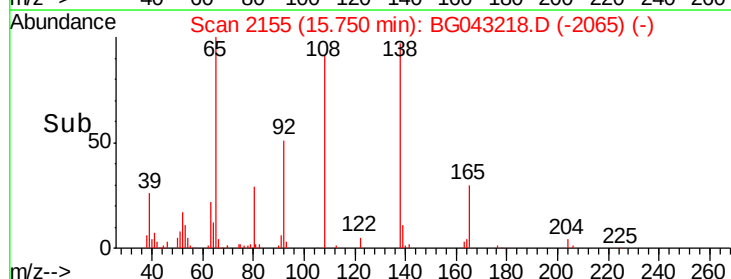
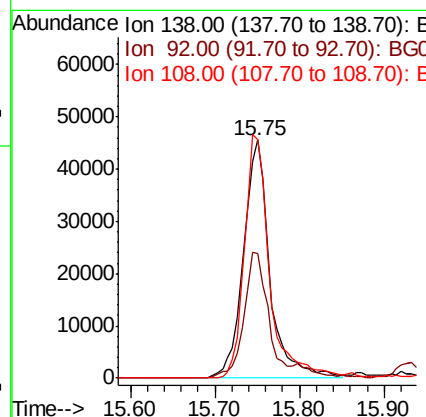
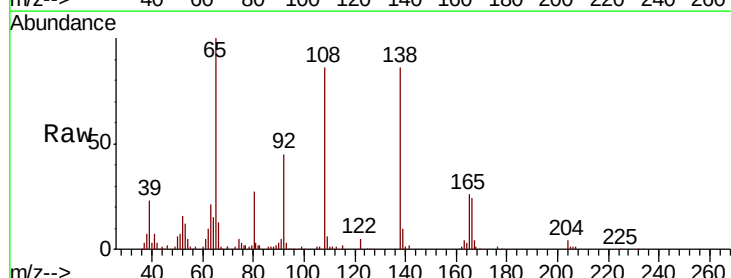
Instrument :  
BNA\_G  
ClientSampled :

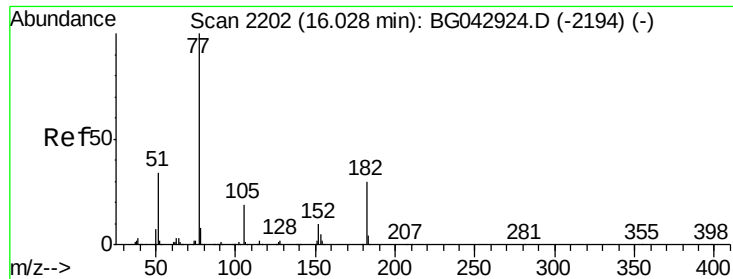
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.4  | 28.5  | 42.7  |
| 141     | 53.7  | 42.4  | 63.6  |



#62  
4-Nitroaniline  
Concen: 39.750 ng  
RT: 15.75 min Scan# 2155  
Delta R.T. 0.00 min  
Lab File: BG043218.D  
Acq: 15 Oct 2019 14:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 52.2  | 32.9  | 72.9  |
| 108     | 100.0 | 81.3  | 121.3 |





#63

Azobenzene

Concen: 42.035 ng

RT: 16.01 min Scan# 2199

Delta R.T. 0.00 min

Lab File: BG043218.D

Acq: 15 Oct 2019 14:42

Instrument :

BNA\_G

ClientSampleId :

Tot Ion: 77 Resp: 400830

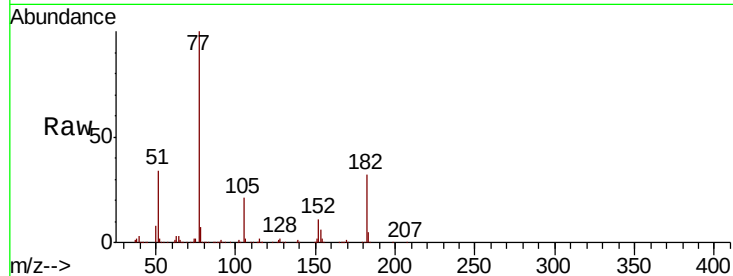
Ion Ratio Lower Upper

77 100

182 32.0 10.2 50.2

105 20.9 0.0 39.1

51 33.6 13.9 53.9

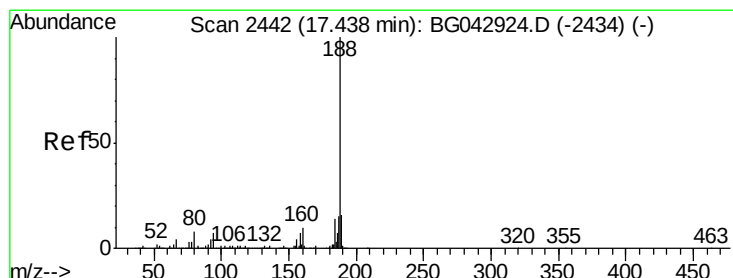
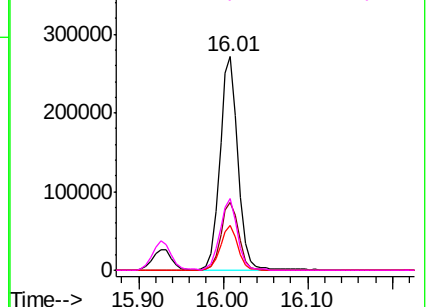
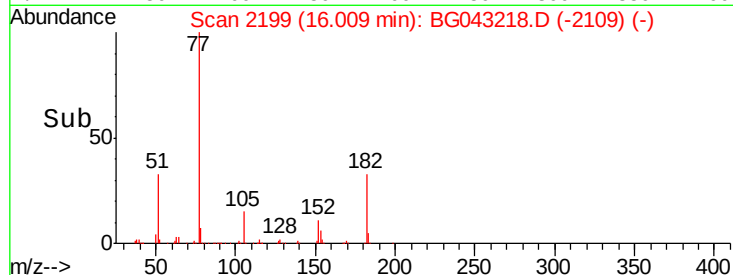


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.42 min Scan# 2440

Delta R.T. 0.01 min

Lab File: BG043218.D

Acq: 15 Oct 2019 14:42

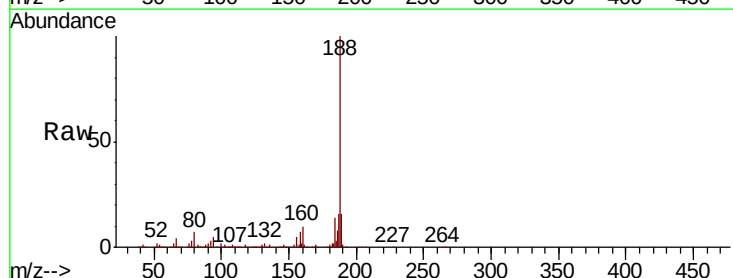
Tgt Ion: 188 Resp: 329008

Ion Ratio Lower Upper

188 100

94 5.5 5.7 8.5#

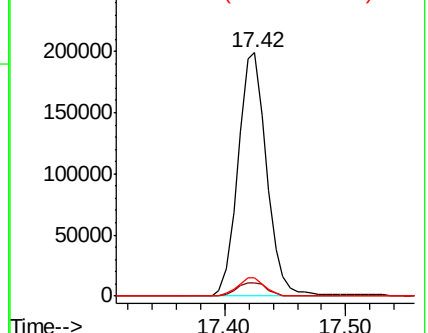
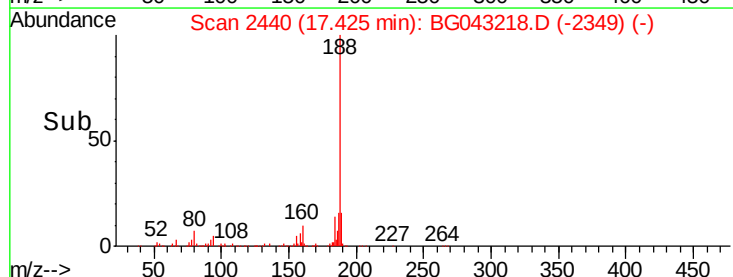
80 7.3 6.5 9.7

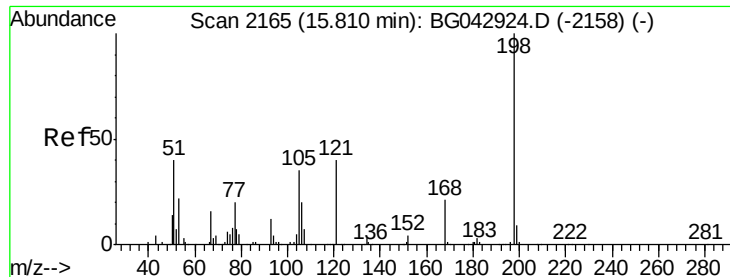


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

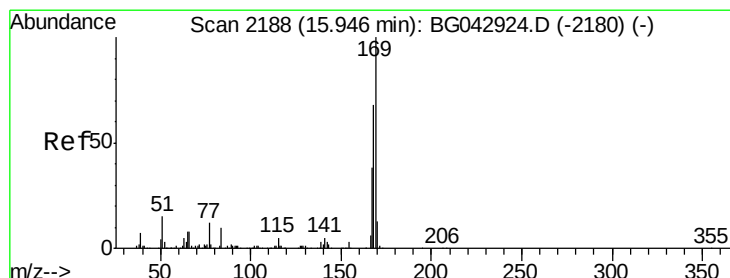
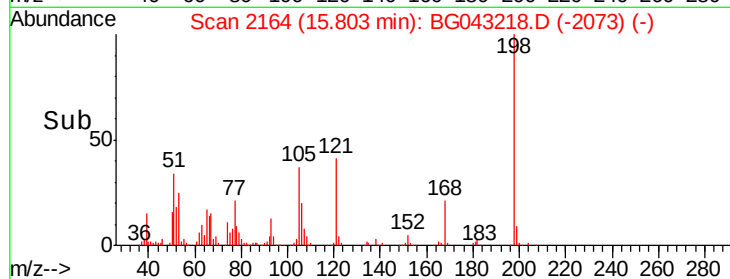
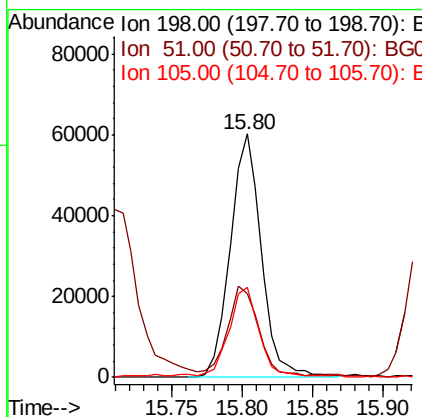
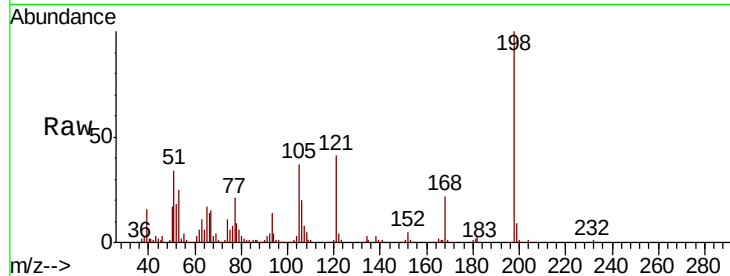




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 49.410 ng  
 RT: 15.80 min Scan# 2164  
 Delta R.T. 0.01 min  
 Lab File: BG043218.D  
 Acq: 15 Oct 2019 14:42

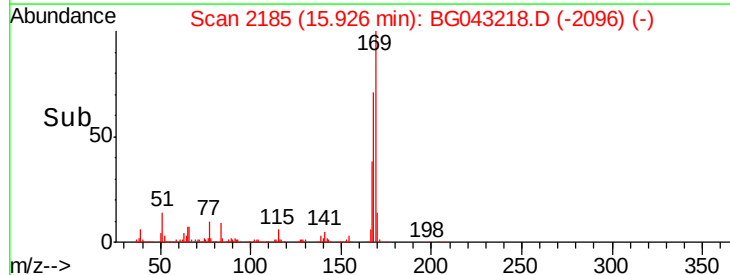
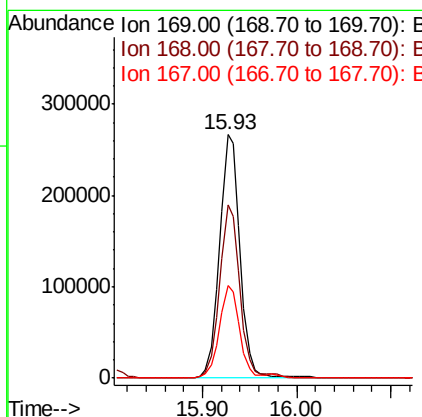
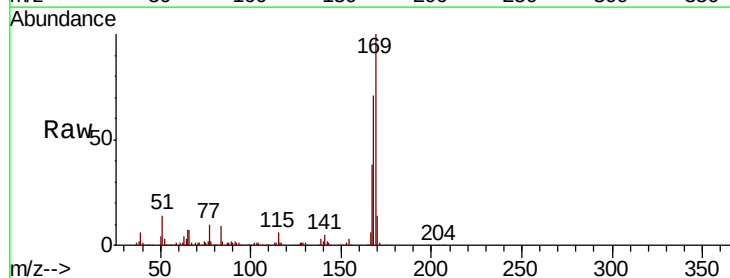
Instrument :  
 BNA\_G  
 ClientSampleId :

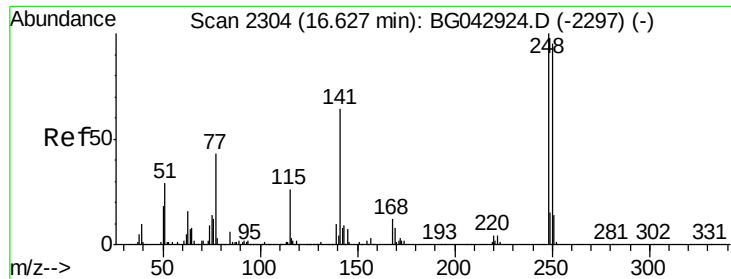
| Tot Ion   | 198   | Resp  | 91989 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 51        | 34.4  | 25.3  | 65.3  |
| 105       | 37.0  | 16.6  | 56.6  |



#66  
 n-Nitrosodiphenylamine  
 Concen: 46.849 ng  
 RT: 15.93 min Scan# 2185  
 Delta R.T. -0.01 min  
 Lab File: BG043218.D  
 Acq: 15 Oct 2019 14:42

| Tgt Ion   | 169   | Resp  | 406898 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 71.1  | 54.8  | 82.2   |
| 167       | 38.0  | 30.6  | 46.0   |

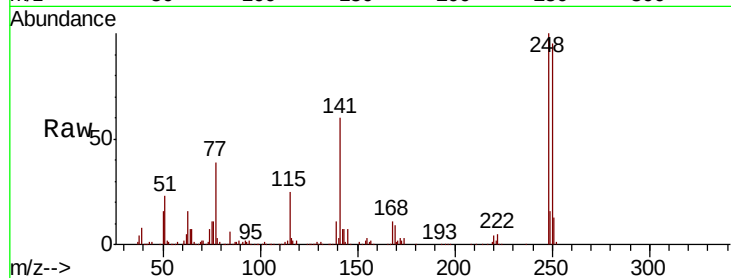




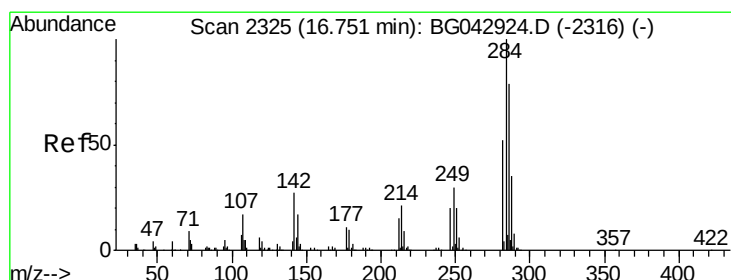
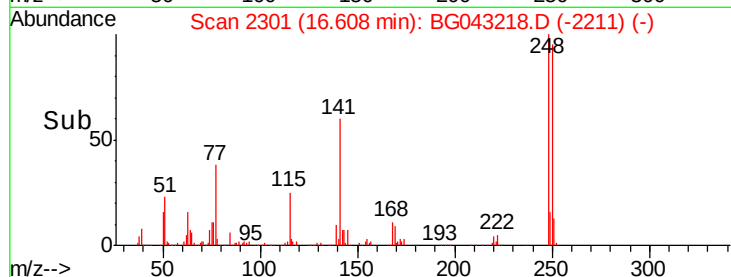
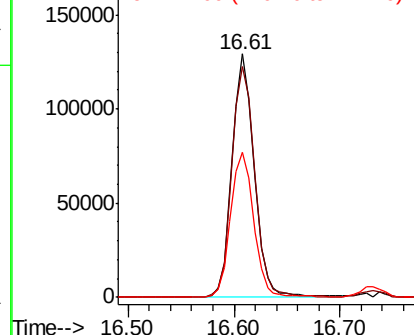
#67  
4-Bromophenyl-phenylether  
Concen: 45.296 ng  
RT: 16.61 min Scan# 2301  
Delta R.T. 0.00 min  
Lab File: BG043218.D  
Acq: 15 Oct 2019 14:42

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:248 Resp: 187044  
Ion Ratio Lower Upper  
248 100  
250 94.6 75.8 113.8  
141 59.7 51.1 76.7

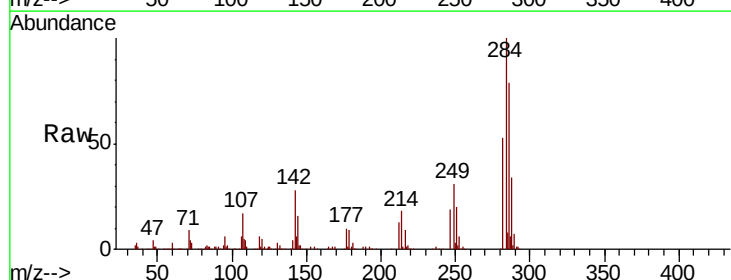


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

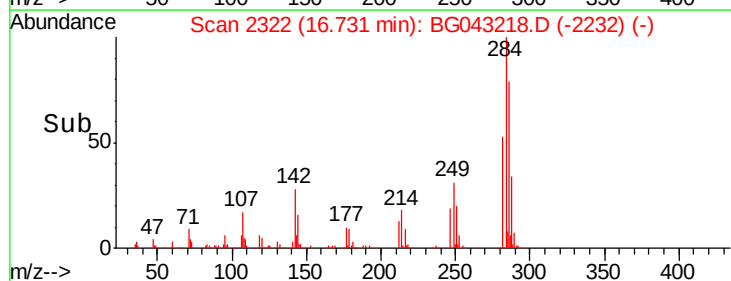
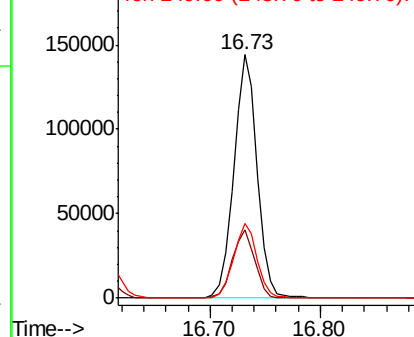


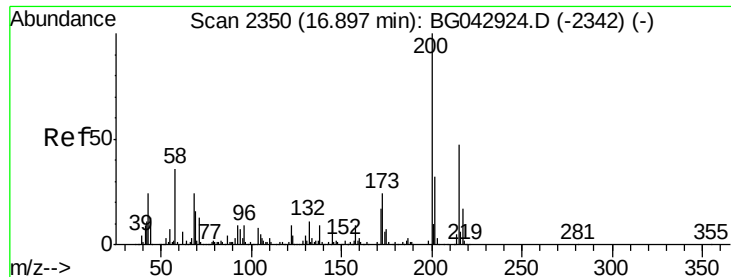
#68  
Hexachlorobenzene  
Concen: 46.132 ng  
RT: 16.73 min Scan# 2322  
Delta R.T. 0.00 min  
Lab File: BG043218.D  
Acq: 15 Oct 2019 14:42

Tgt Ion:284 Resp: 212107  
Ion Ratio Lower Upper  
284 100  
142 28.0 21.6 32.4  
249 30.9 24.1 36.1



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

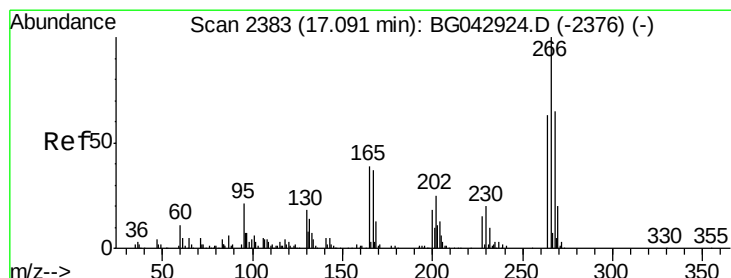
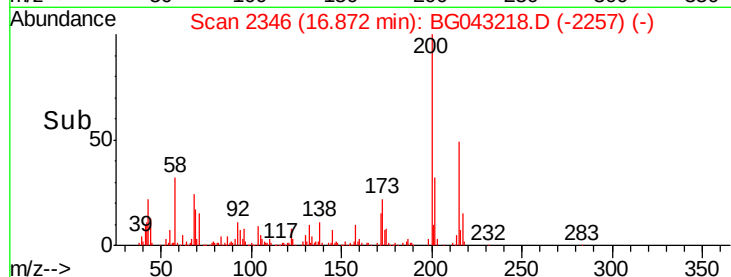
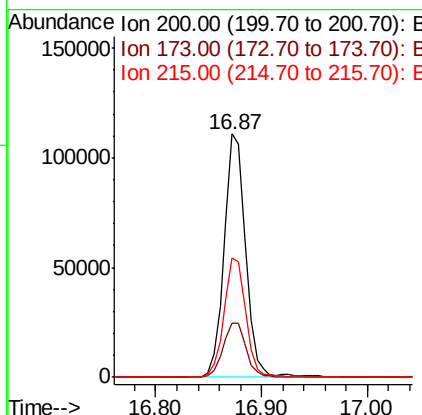
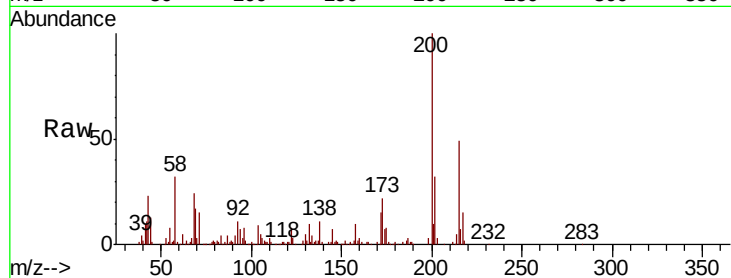




#69  
Atrazine  
Concen: 42.828 ng  
RT: 16.87 min Scan# 2346  
Delta R.T. -0.01 min  
Lab File: BG043218.D  
Acq: 15 Oct 2019 14:42

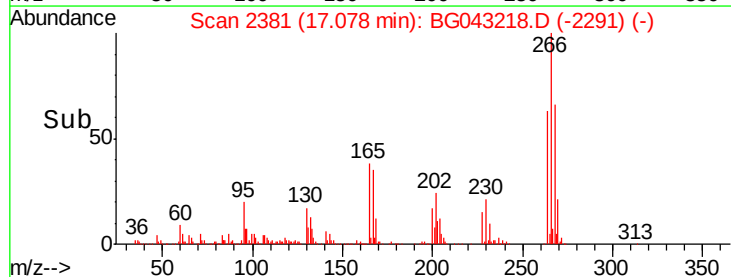
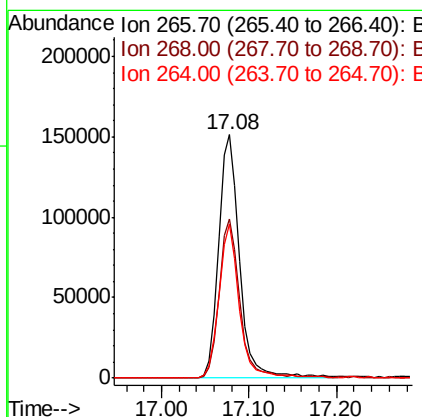
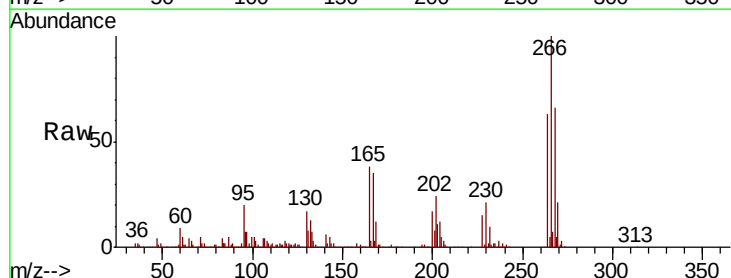
Instrument :  
BNA\_G  
ClientSampled :

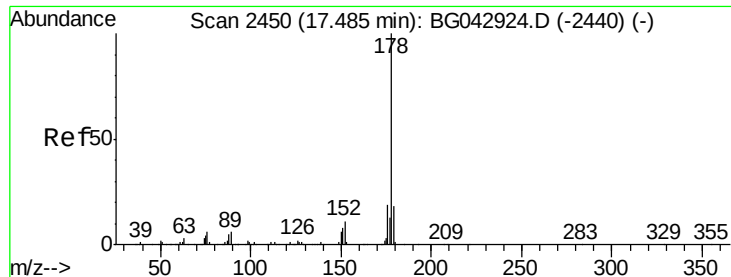
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 22.0  | 4.0   | 44.0  |
| 215     | 49.2  | 27.4  | 67.4  |



#70  
Pentachlorophenol  
Concen: 95.250 ng  
RT: 17.08 min Scan# 2381  
Delta R.T. 0.00 min  
Lab File: BG043218.D  
Acq: 15 Oct 2019 14:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 65.6  | 52.2  | 78.2  |
| 264     | 63.2  | 50.7  | 76.1  |

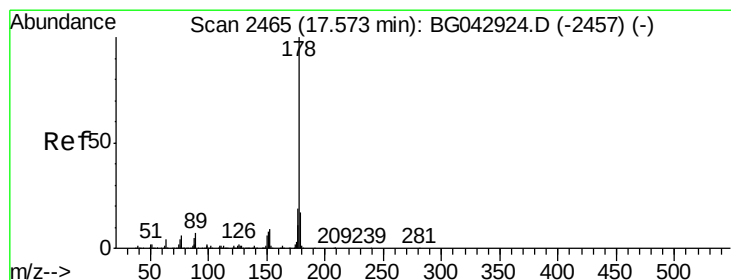
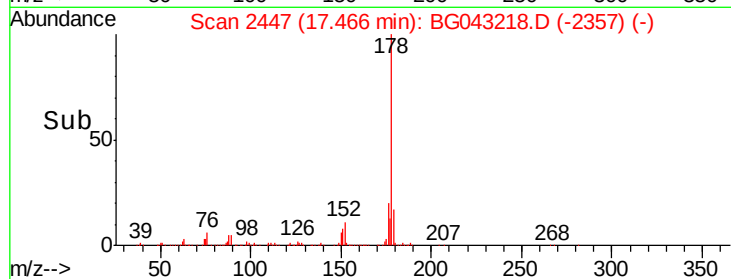
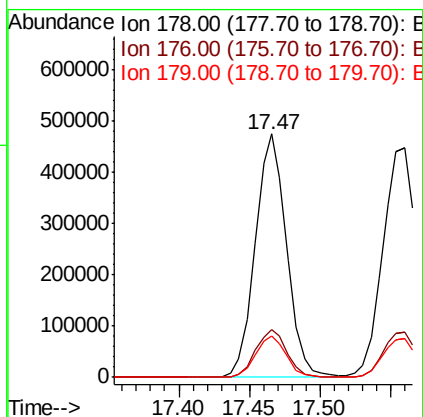
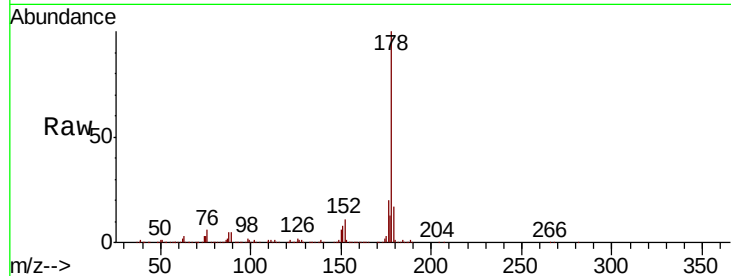




#71  
Phenanthrene  
Concen: 45.971 ng  
RT: 17.47 min Scan# 2447  
Delta R.T. 0.00 min  
Lab File: BG043218.D  
Acq: 15 Oct 2019 14:42

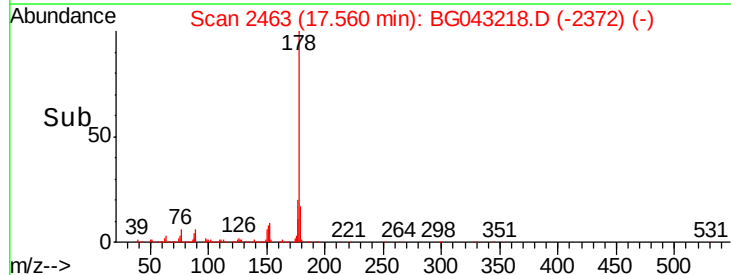
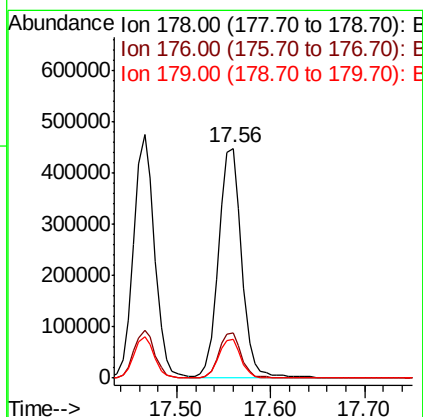
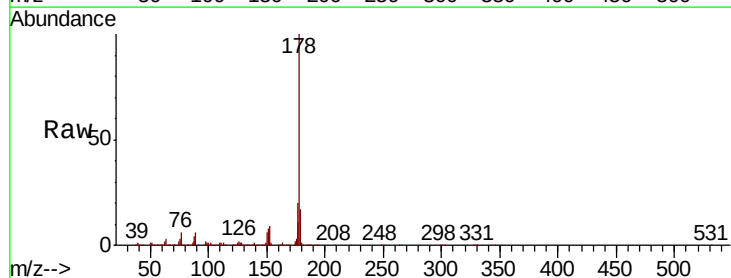
Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.9  | 15.1  | 22.7  |
| 179     | 17.1  | 14.1  | 21.1  |

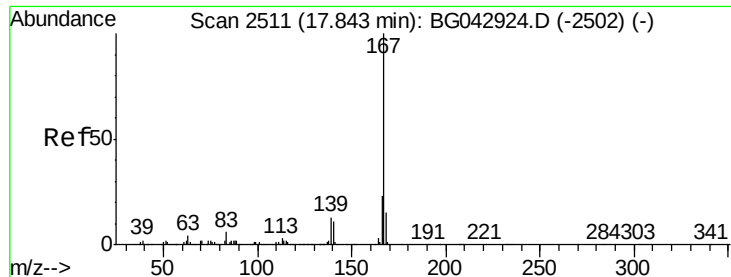


#72  
Anthracene  
Concen: 47.801 ng  
RT: 17.56 min Scan# 2463  
Delta R.T. 0.01 min  
Lab File: BG043218.D  
Acq: 15 Oct 2019 14:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.5  | 15.5  | 23.3  |
| 179     | 16.8  | 13.5  | 20.3  |







#73

Carbazole

Concen: 45.996 ng

RT: 17.82 min Scan# 2508

Delta R.T. 0.00 min

Lab File: BG043218.D

Acq: 15 Oct 2019 14:42

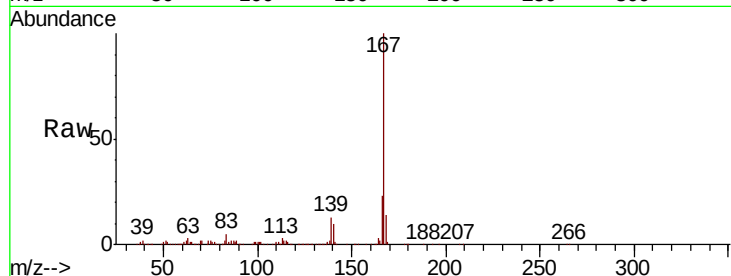
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:167 Resp: 683958

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 22.8  | 18.6  | 28.0  |
| 139 | 13.2  | 10.8  | 16.2  |

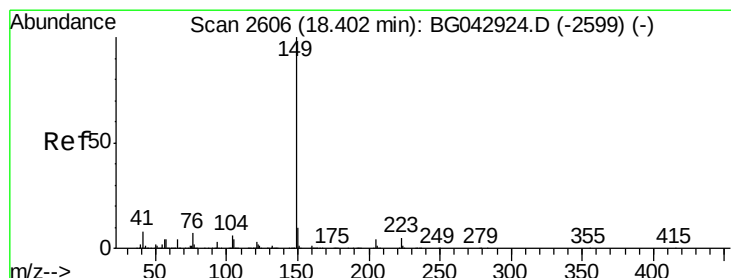
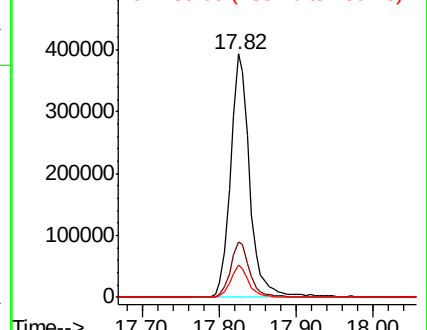
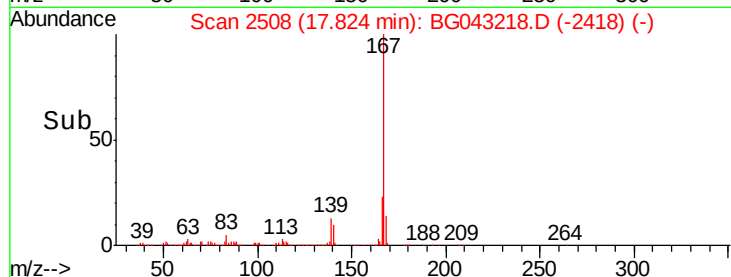


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.168 ng

RT: 18.38 min Scan# 2602

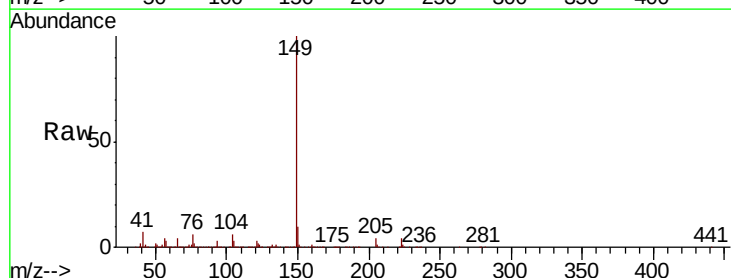
Delta R.T. 0.00 min

Lab File: BG043218.D

Acq: 15 Oct 2019 14:42

Tgt Ion:149 Resp: 801343

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 10.3  | 7.7   | 11.5  |
| 104 | 5.8   | 5.0   | 7.6   |

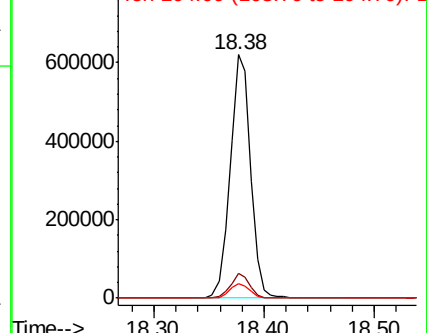
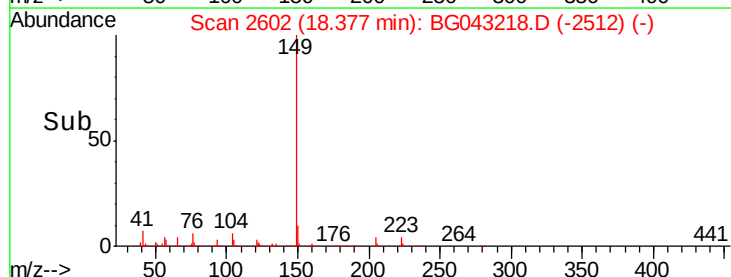


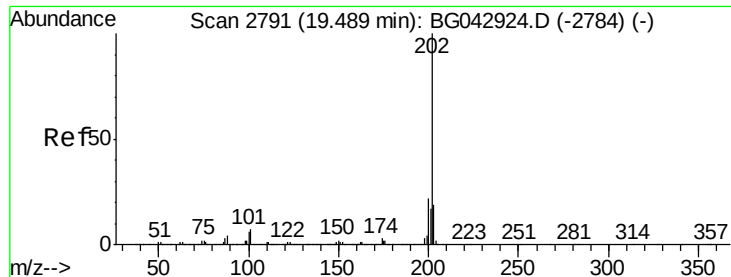
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 45.950 ng

RT: 19.48 min Scan# 2789

Delta R.T. 0.01 min

Lab File: BG043218.D

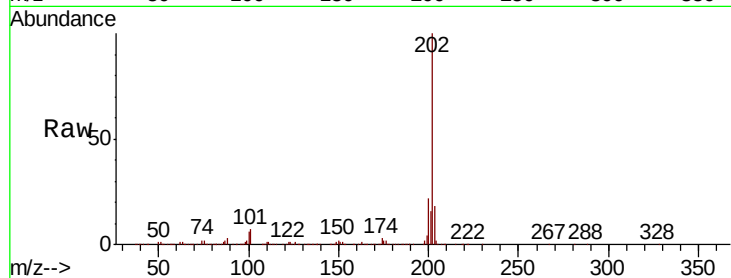
Acq: 15 Oct 2019 14:42

Instrument :

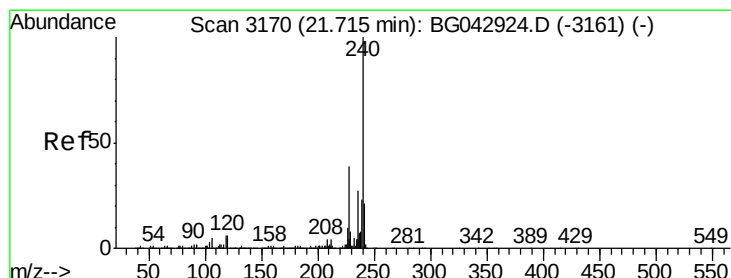
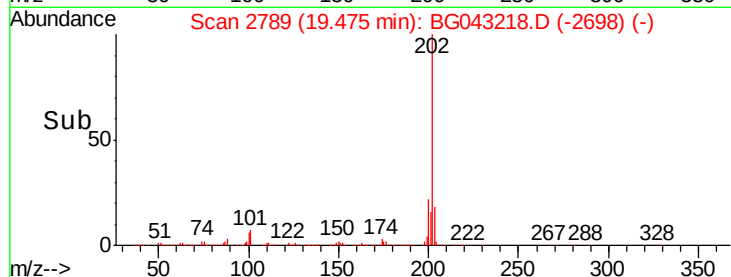
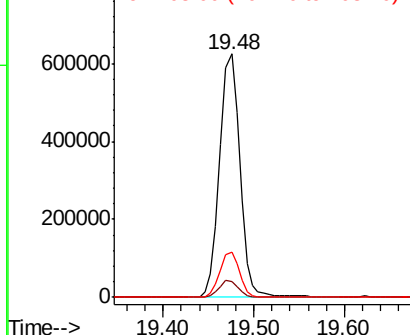
BNA\_G

ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 202   | Resp: | 976222 |
| Ion      | Ratio | Lower | Upper  |
| 202      | 100   |       |        |
| 101      | 6.6   | 0.0   | 27.3   |
| 203      | 18.5  | 0.0   | 39.5   |



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



#76

Chrysene-d12

Concen: 20.000 ng

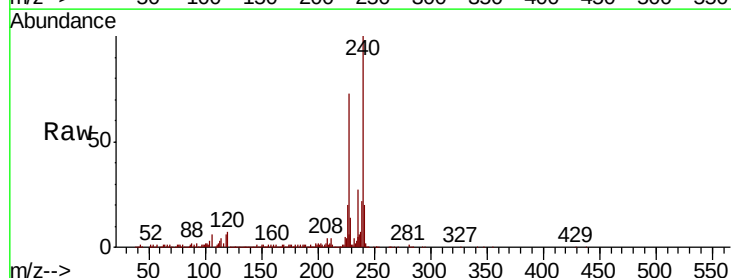
RT: 21.70 min Scan# 3167

Delta R.T. 0.01 min

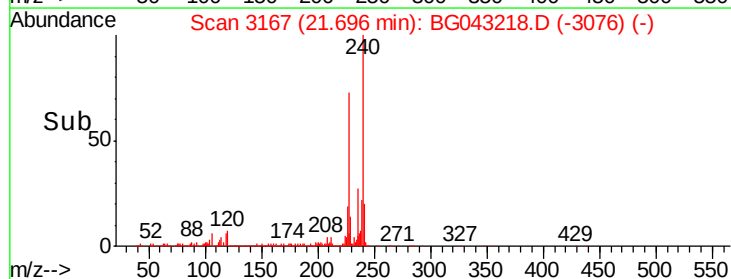
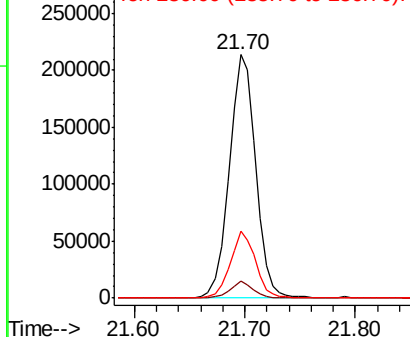
Lab File: BG043218.D

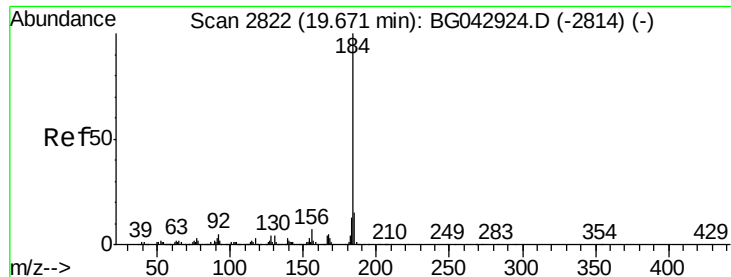
Acq: 15 Oct 2019 14:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 358419 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 6.8   | 4.8   | 7.2    |
| 236      | 27.3  | 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





#77

Benzidine

Concen: 36.877 ng

RT: 19.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: BG043218.D

Acq: 15 Oct 2019 14:42

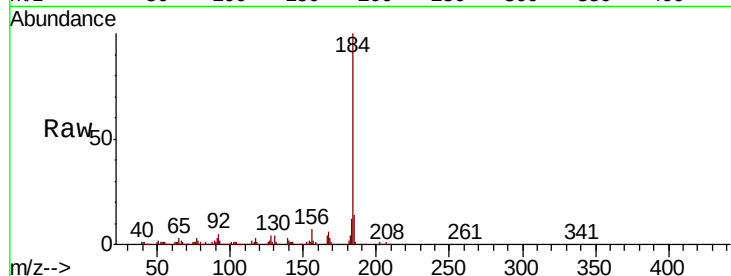
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:184 Resp: 330950

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 14.1  | 11.8  | 17.8  |
| 183 | 12.2  | 10.1  | 15.1  |

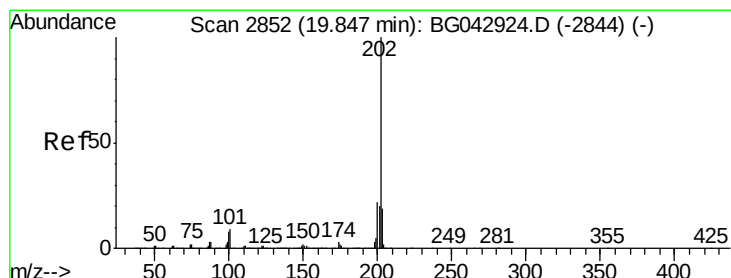
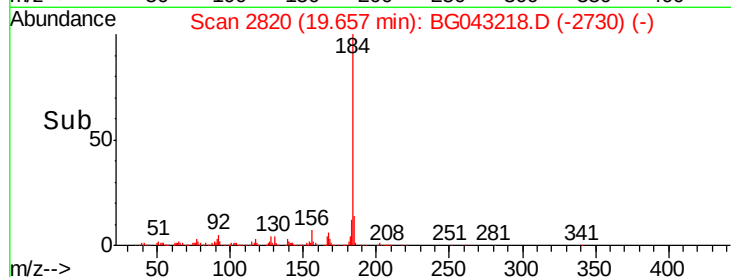
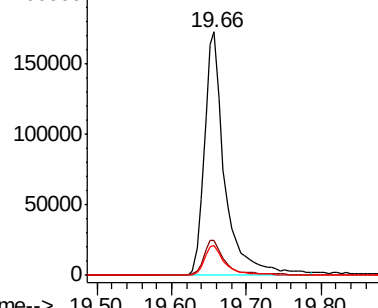


Abundance

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: 46.027 ng

RT: 19.83 min Scan# 2850

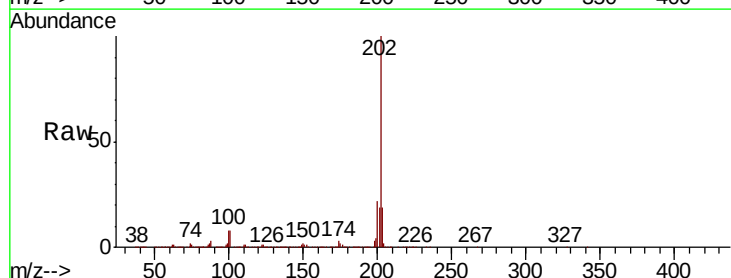
Delta R.T. 0.00 min

Lab File: BG043218.D

Acq: 15 Oct 2019 14:42

Tgt Ion:202 Resp: 984647

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 22.1  | 17.6  | 26.4  |
| 203 | 18.7  | 15.2  | 22.8  |

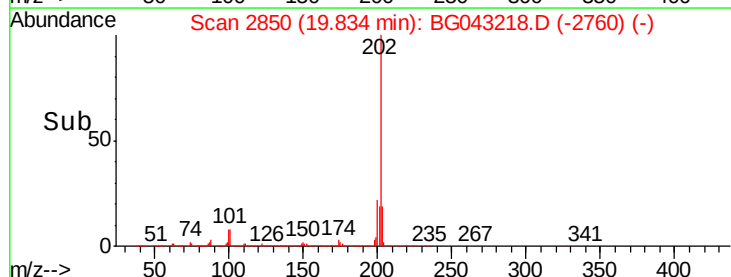
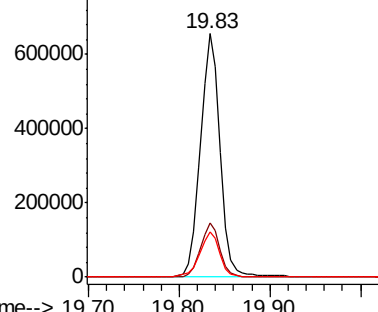


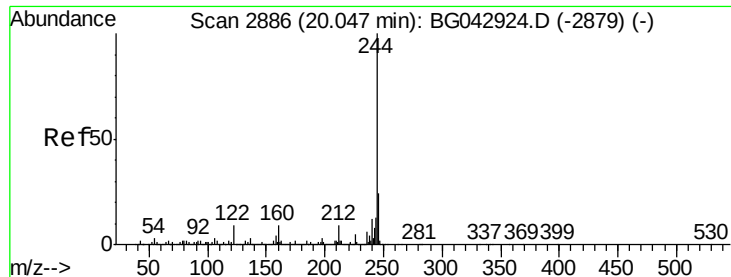
Abundance

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: 70.405 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG043218.D

Acq: 15 Oct 2019 14:42

Instrument :

BNA\_G

ClientSampled :

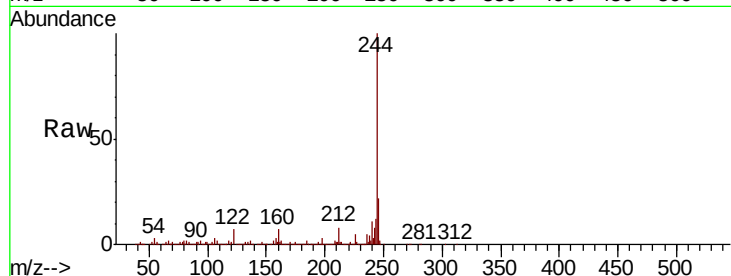
Tot Ion:244 Resp: 1184231

Ion Ratio Lower Upper

244 100

212 7.9 7.4 11.0

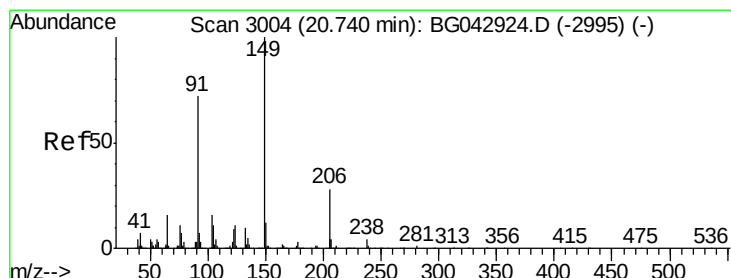
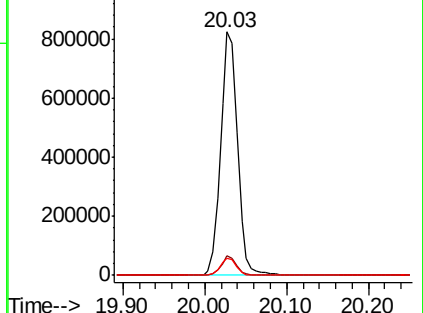
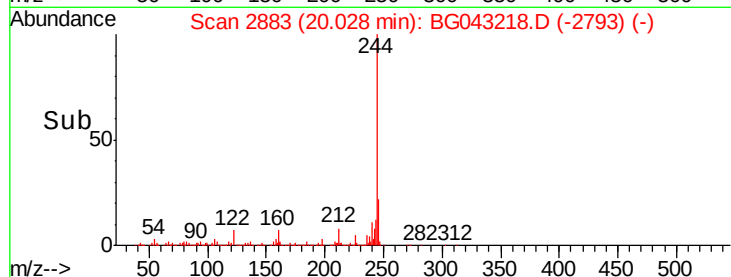
122 6.8 7.0 10.4#



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: 46.293 ng

RT: 20.71 min Scan# 3000

Delta R.T. 0.00 min

Lab File: BG043218.D

Acq: 15 Oct 2019 14:42

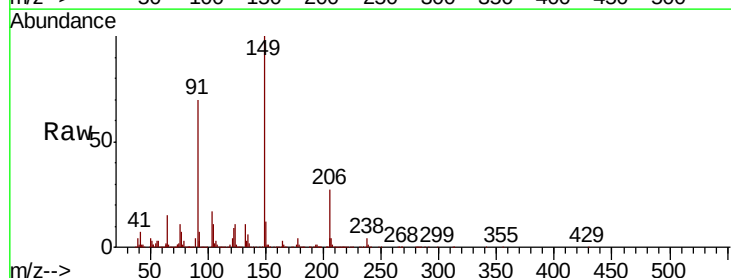
Tgt Ion:149 Resp: 375906

Ion Ratio Lower Upper

149 100

91 70.3 57.7 86.5

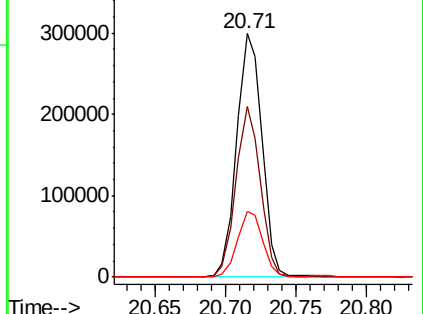
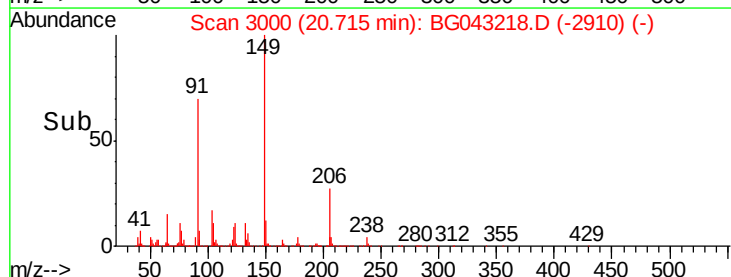
206 26.9 22.6 33.8

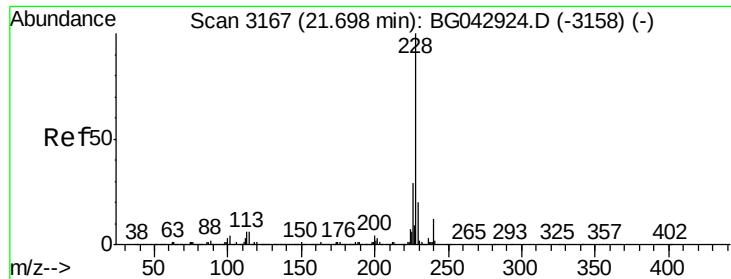


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.320 ng

RT: 21.68 min Scan# 3164

Delta R.T. 0.01 min

Lab File: BG043218.D

Acq: 15 Oct 2019 14:42

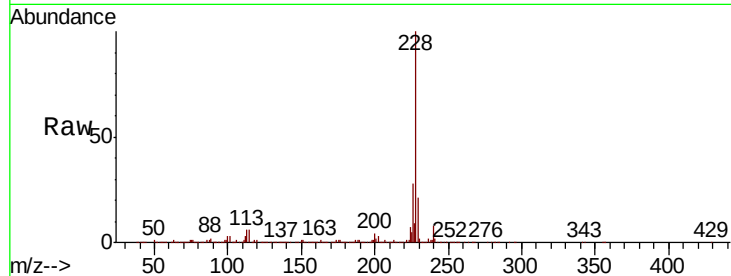
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:228 Resp: 1012128

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 27.8  | 23.0  | 34.4  |
| 229 | 20.5  | 16.3  | 24.5  |

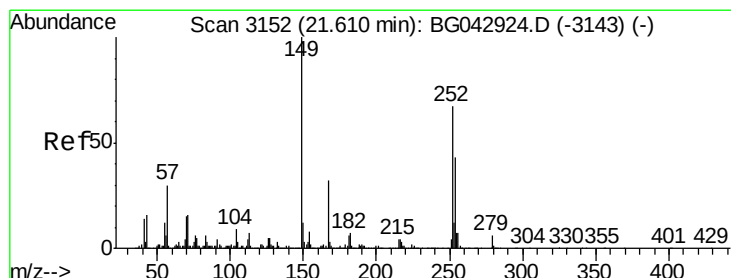
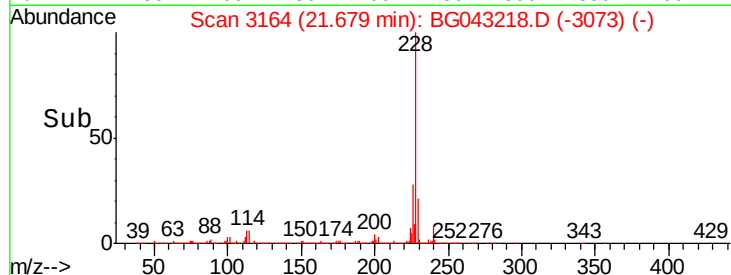
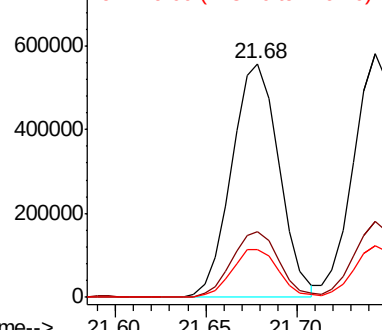


Abundance

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: 30.718 ng

RT: 21.59 min Scan# 3149

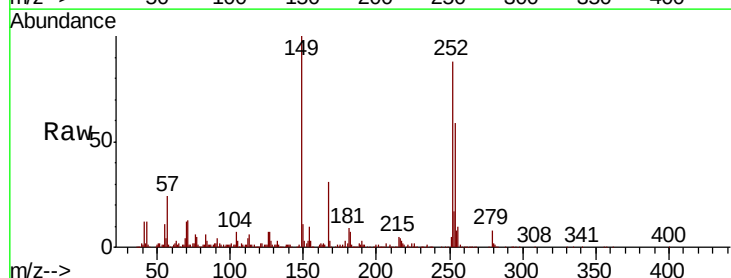
Delta R.T. 0.01 min

Lab File: BG043218.D

Acq: 15 Oct 2019 14:42

Tgt Ion:252 Resp: 269064

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 66.7  | 51.9  | 77.9  |
| 126 | 7.9   | 6.1   | 9.1   |

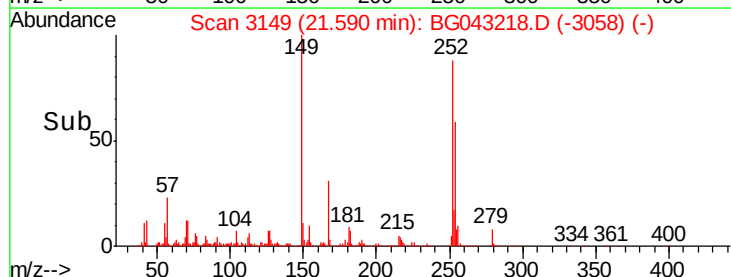
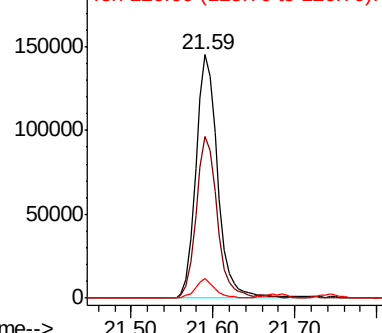


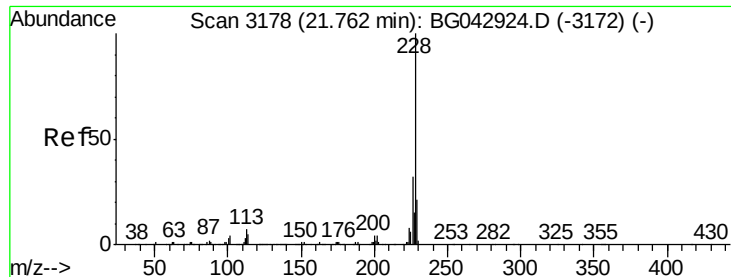
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 45.848 ng

RT: 21.74 min Scan# 3175

Delta R.T. 0.01 min

Lab File: BG043218.D

Acq: 15 Oct 2019 14:42

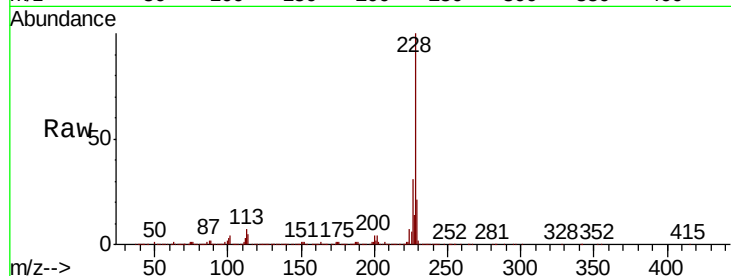
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:228 Resp: 993623

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 31.2  | 25.6  | 38.4  |
| 229 | 21.4  | 16.9  | 25.3  |

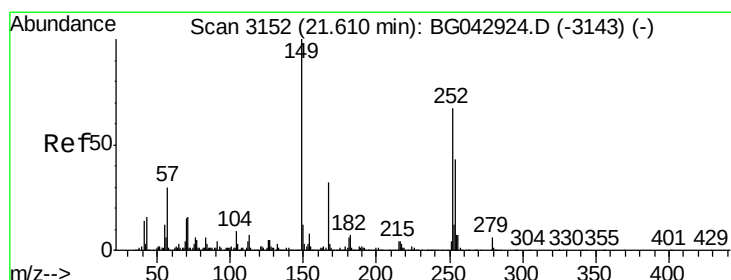
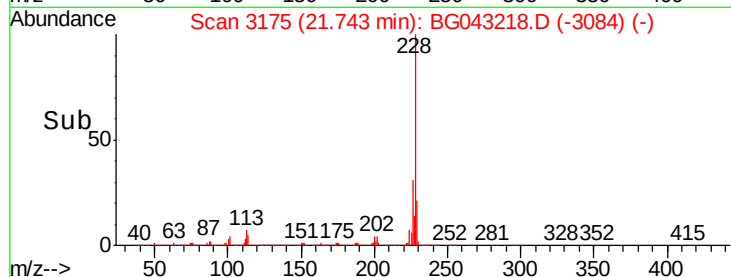
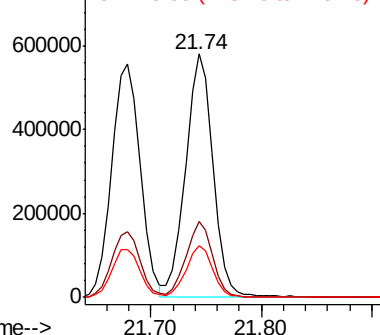


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.843 ng

RT: 21.58 min Scan# 3147

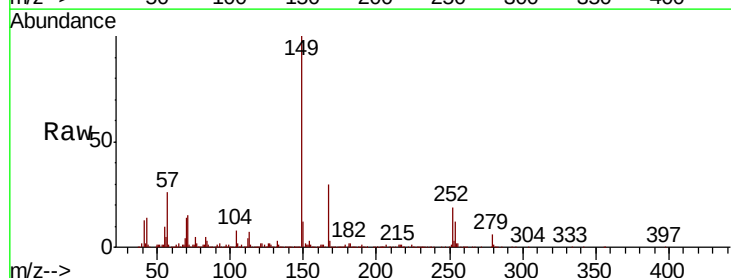
Delta R.T. 0.00 min

Lab File: BG043218.D

Acq: 15 Oct 2019 14:42

Tgt Ion:149 Resp: 541238

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 30.3  | 25.4  | 38.2  |
| 279 | 6.0   | 5.1   | 7.7   |

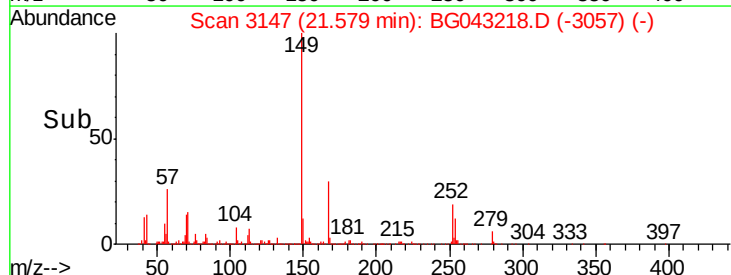
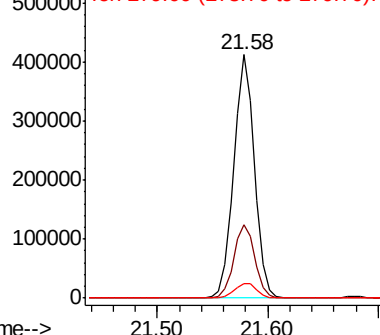


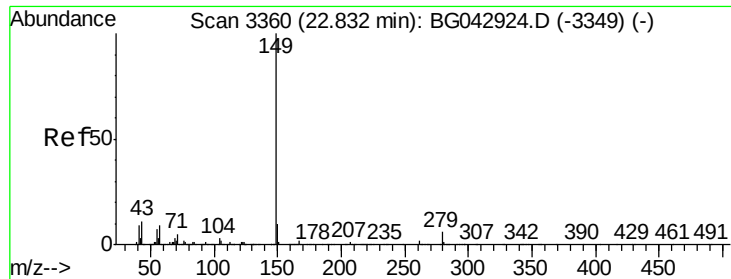
Abundance

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: 48.794 ng

RT: 22.79 min Scan# 3353

Delta R.T. 0.00 min

Lab File: BG043218.D

Acq: 15 Oct 2019 14:42

Instrument :

BNA\_G

ClientSampleId :

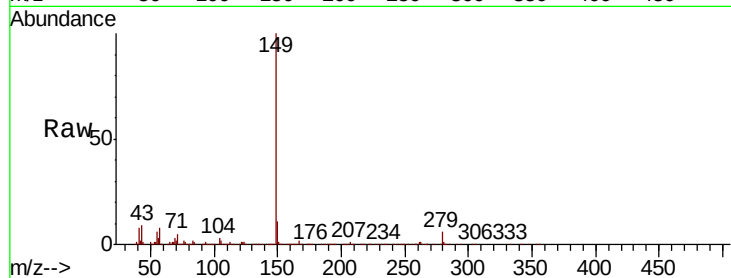
Tot Ion:149 Resp: 921916

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

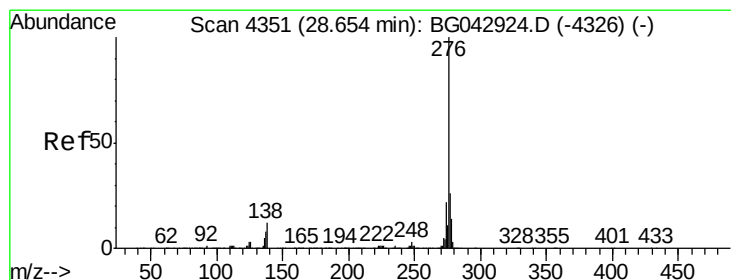
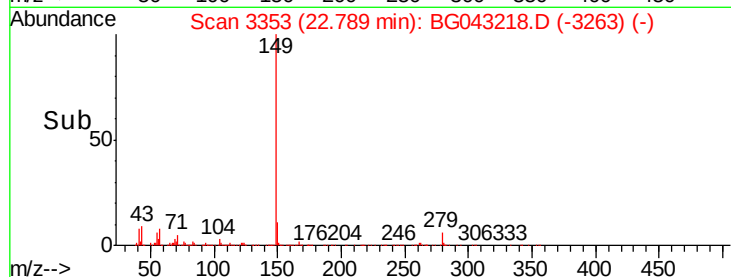
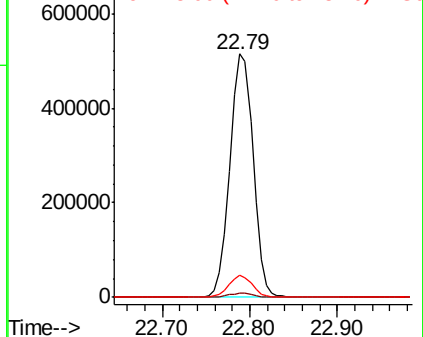
43 8.8 8.7 13.1



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: 49.372 ng

RT: 28.61 min Scan# 4343

Delta R.T. 0.02 min

Lab File: BG043218.D

Acq: 15 Oct 2019 14:42

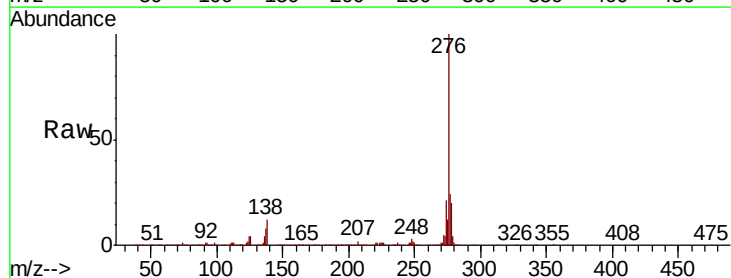
Tgt Ion:276 Resp: 1332067

Ion Ratio Lower Upper

276 100

138 14.4 7.0 10.6#

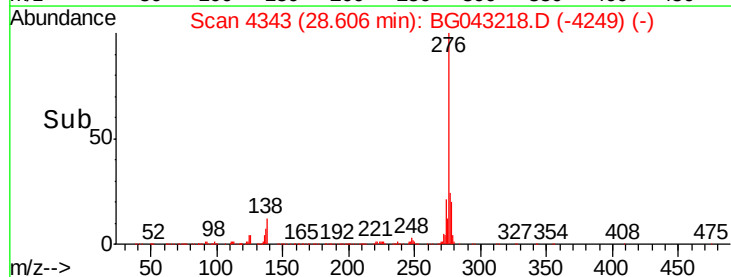
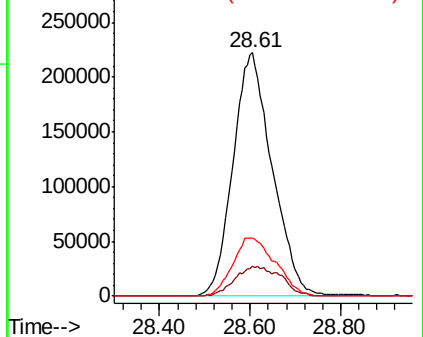
277 26.1 20.9 31.3

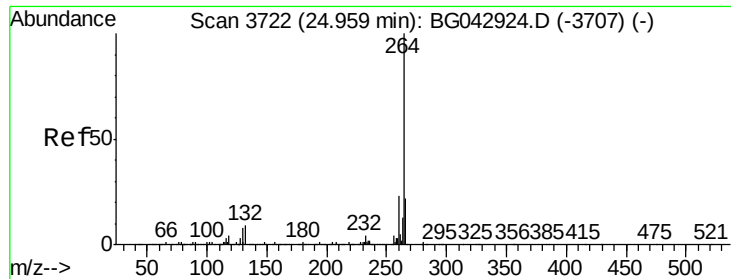


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.92 min Scan# 3716

Delta R.T. 0.01 min

Lab File: BG043218.D

Acq: 15 Oct 2019 14:42

Instrument :

BNA\_G

ClientSampleId :

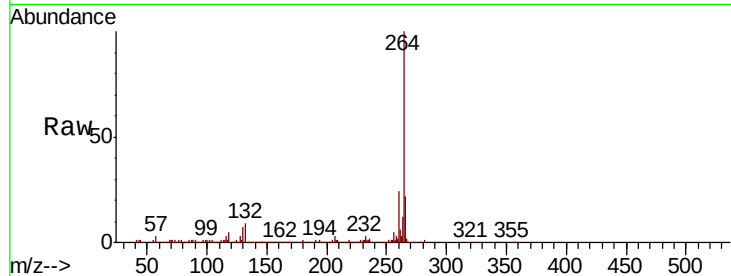
Tot Ion:264 Resp: 422398

Ion Ratio Lower Upper

264 100

260 24.1 18.7 28.1

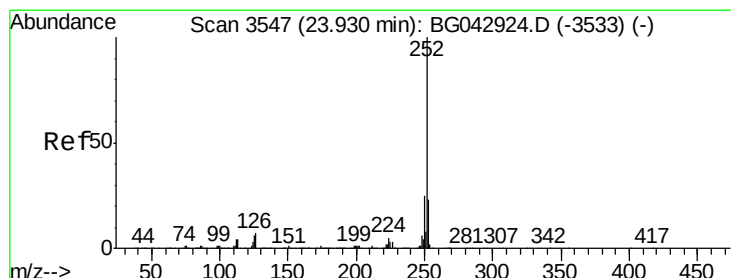
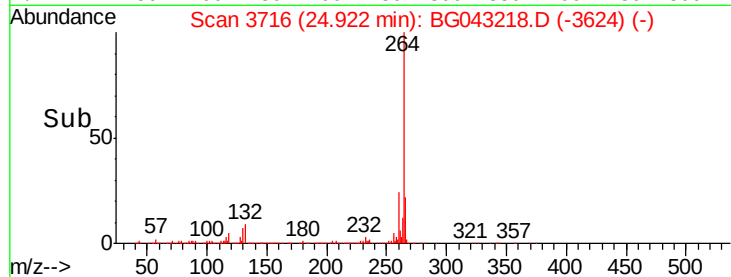
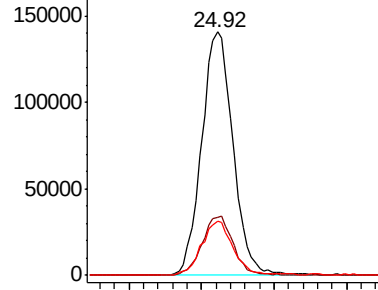
265 22.4 17.7 26.5



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: 46.568 ng

RT: 23.90 min Scan# 3542

Delta R.T. 0.01 min

Lab File: BG043218.D

Acq: 15 Oct 2019 14:42

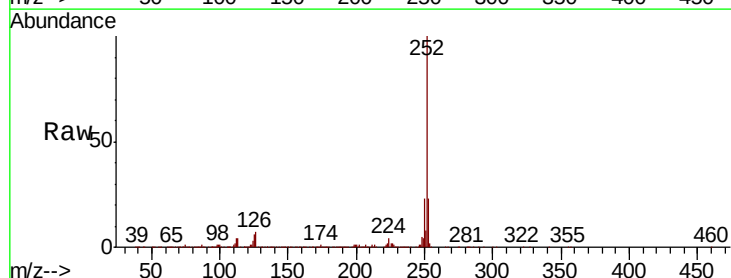
Tgt Ion:252 Resp: 1112990

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

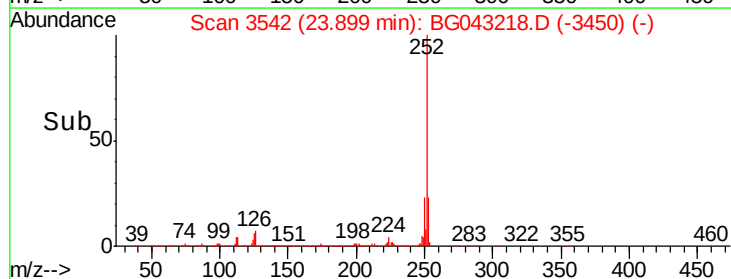
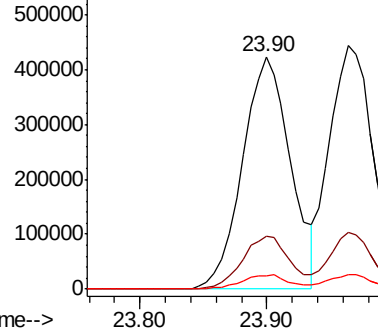
125 5.7 4.6 7.0



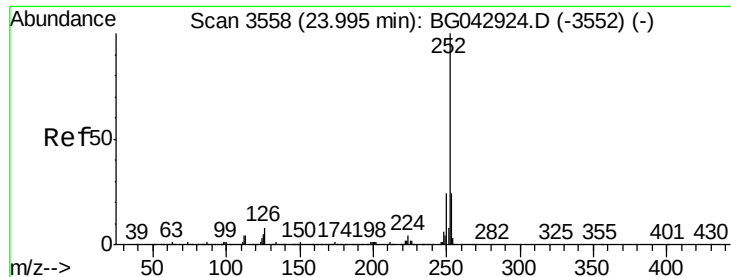
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E







#89

Benzo(k)fluoranthene

Concen: 44.799 ng

RT: 23.96 min Scan# 3553

Delta R.T. 0.01 min

Lab File: BG043218.D

Acq: 15 Oct 2019 14:42

Instrument :

BNA\_G

ClientSampled :

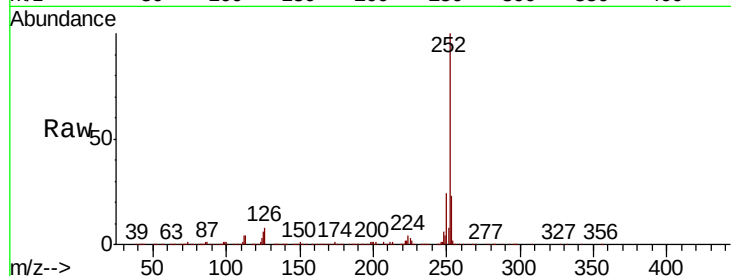
Tot Ion:252 Resp: 1059222

Ion Ratio Lower Upper

252 100

253 23.5 18.9 28.3

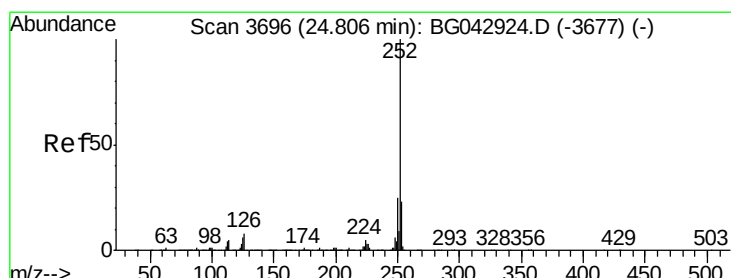
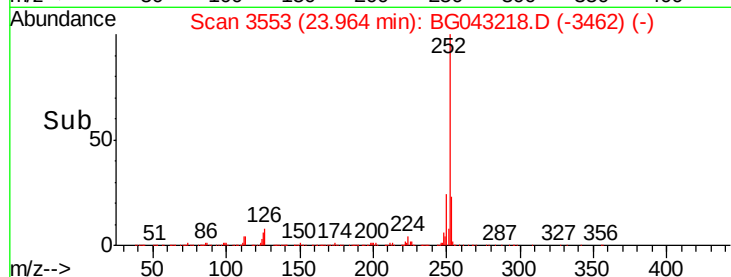
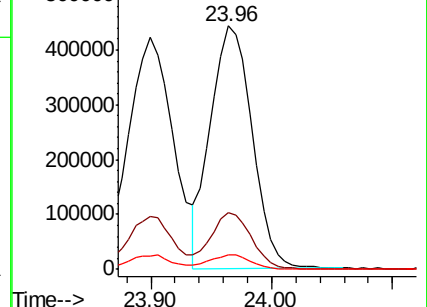
125 5.7 4.5 6.7



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: 48.253 ng

RT: 24.77 min Scan# 3691

Delta R.T. 0.02 min

Lab File: BG043218.D

Acq: 15 Oct 2019 14:42

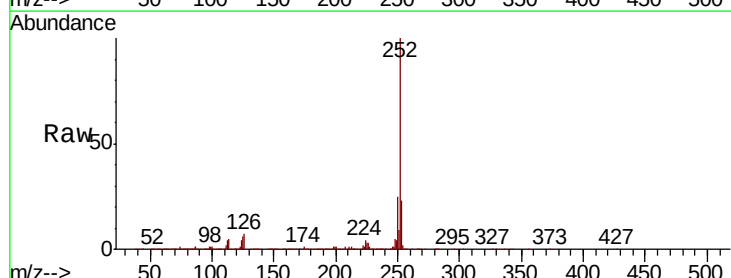
Tgt Ion:252 Resp: 1088060

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.4

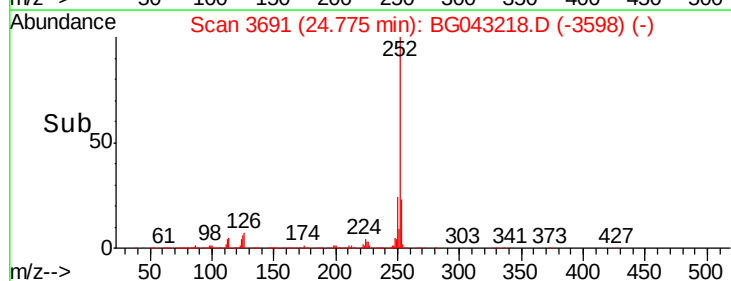
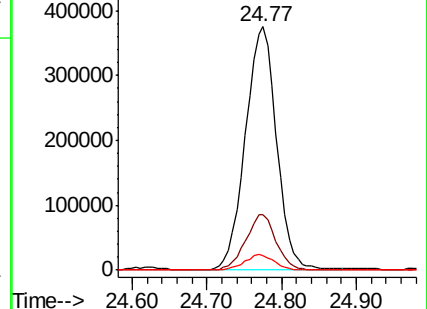
125 6.2 5.0 7.6

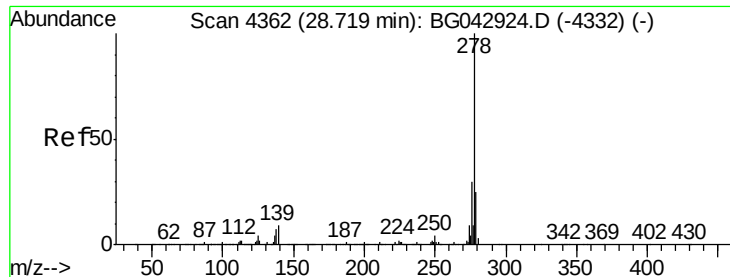


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 48.426 ng

RT: 28.66 min Scan# 4353

Delta R.T. 0.03 min

Lab File: BG043218.D

Acq: 15 Oct 2019 14:42

Instrument :

BNA\_G

ClientSampleId :

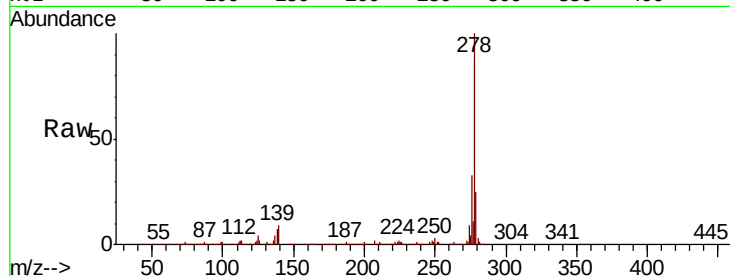
Tot Ion:278 Resp: 1119710

Ion Ratio Lower Upper

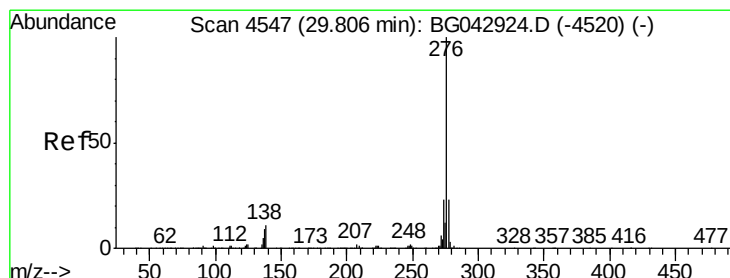
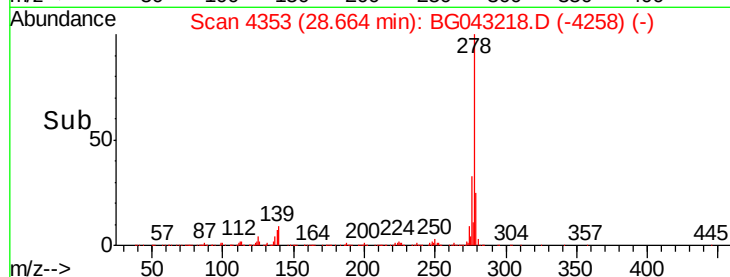
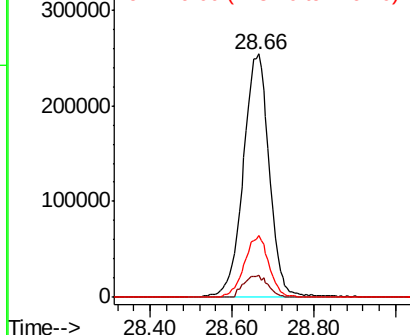
278 100

139 9.0 6.8 10.2

279 25.3 20.1 30.1



Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 48.952 ng

RT: 29.75 min Scan# 4538

Delta R.T. 0.03 min

Lab File: BG043218.D

Acq: 15 Oct 2019 14:42

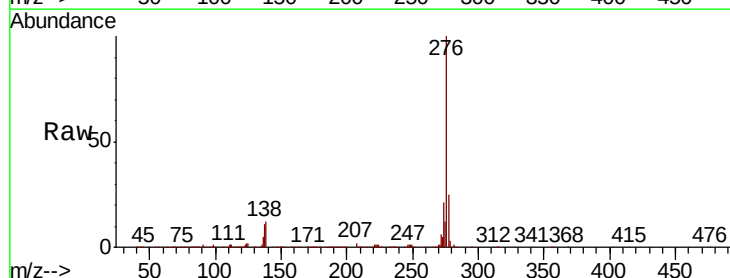
Tgt Ion:276 Resp: 1096704

Ion Ratio Lower Upper

276 100

277 24.9 18.4 27.6

138 12.0 8.6 12.8



Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 277.00 (276.70 to 277.70): E  
Ion 138.00 (137.70 to 138.70): E

