

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG012621\  
 Data File : BG048009.D  
 Acq On : 26 Jan 2021 16:28  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Jan 26 17:05:34 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG012521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 25 19:39:42 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.133  | 152  | 46818    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.947 | 136  | 174615   | 20.00 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.754 | 164  | 122066   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.492 | 188  | 295766   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.770 | 240  | 295932   | 20.00 | ng    | # 0.00   |
| 86) Perylene-d12              | 25.054 | 264  | 301994   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.682  | 112  | 240801   | 79.04 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.281  | 99   | 354450   | 76.53 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.296  | 82   | 358275   | 81.18 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.235 | 330  | 167280   | 82.28 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.379 | 172  | 787303   | 83.39 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.095 | 244  | 1382402  | 80.99 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.579  | 88   | 53360    | 39.29 | ng    | # 96     |
| 3) Pyridine                   | 3.979  | 79   | 162996   | 39.99 | ng    | 91       |
| 4) n-Nitrosodimethylamine     | 3.885  | 42   | 74138    | 39.36 | ng    | # 75     |
| 6) Aniline                    | 7.451  | 93   | 211907   | 37.87 | ng    | 95       |
| 8) 2-Chlorophenol             | 7.692  | 128  | 125389   | 39.32 | ng    | 93       |
| 9) Benzaldehyde               | 7.263  | 77   | 91855    | 38.66 | ng    | 88       |
| 10) Phenol                    | 7.304  | 94   | 173521   | 39.08 | ng    | 78       |
| 11) bis(2-Chloroethyl)ether   | 7.545  | 93   | 133934   | 38.52 | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 8.021  | 146  | 152849   | 39.71 | ng    | # 91     |
| 13) 1,4-Dichlorobenzene       | 8.168  | 146  | 154972   | 40.17 | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.491  | 146  | 144805   | 39.32 | ng    | 96       |
| 15) Benzyl Alcohol            | 8.362  | 79   | 147932   | 37.75 | ng    | # 88     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.661  | 45   | 181203   | 37.13 | ng    | 96       |
| 17) 2-Methylphenol            | 8.561  | 107  | 112896   | 37.62 | ng    | # 88     |
| 18) Hexachloroethane          | 9.225  | 117  | 58571    | 38.91 | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 8.937  | 70   | 123240   | 36.45 | ng    | 94       |
| 20) 3+4-Methylphenols         | 8.890  | 107  | 157079   | 37.84 | ng    | 91       |
| 22) Acetophenone              | 8.955  | 105  | 213978   | 39.76 | ng    | # 93     |
| 24) Nitrobenzene              | 9.337  | 77   | 179887   | 40.70 | ng    | # 87     |
| 25) Isophorone                | 9.860  | 82   | 307044   | 38.77 | ng    | 93       |
| 26) 2-Nitrophenol             | 10.048 | 139  | 76118    | 41.86 | ng    | # 73     |
| 27) 2,4-Dimethylphenol        | 10.101 | 122  | 103615   | 39.21 | ng    | 89       |
| 28) bis(2-Chloroethoxy)met... | 10.342 | 93   | 190025   | 39.88 | ng    | 95       |
| 29) 2,4-Dichlorophenol        | 10.583 | 162  | 139388   | 41.00 | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 10.806 | 180  | 169324   | 41.20 | ng    | 97       |
| 31) Naphthalene               | 11.000 | 128  | 404632   | 40.08 | ng    | 99       |
| 32) Benzoic acid              | 10.224 | 122  | 101295   | 42.80 | ng    | # 72     |
| 33) 4-Chloroaniline           | 11.094 | 127  | 178035   | 38.58 | ng    | # 90     |
| 34) Hexachlorobutadiene       | 11.282 | 225  | 123409   | 42.27 | ng    | 98       |
| 35) Caprolactam               | 11.863 | 113  | 47122    | 36.41 | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 12.204 | 107  | 146213   | 38.33 | ng    | 92       |
| 37) 2-Methylnaphthalene       | 12.592 | 142  | 304444   | 39.92 | ng    | # 96     |
| 38) 1-Methylnaphthalene       | 12.592 | 142  | 304444   | 41.85 | ng    | 95       |
| 40) 1,2,4,5-Tetrachloroben... | 12.956 | 216  | 201261   | 43.25 | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.939 | 237  | 123508   | 46.86 | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 13.185 | 196  | 139664   | 43.03 | ng    | 97       |

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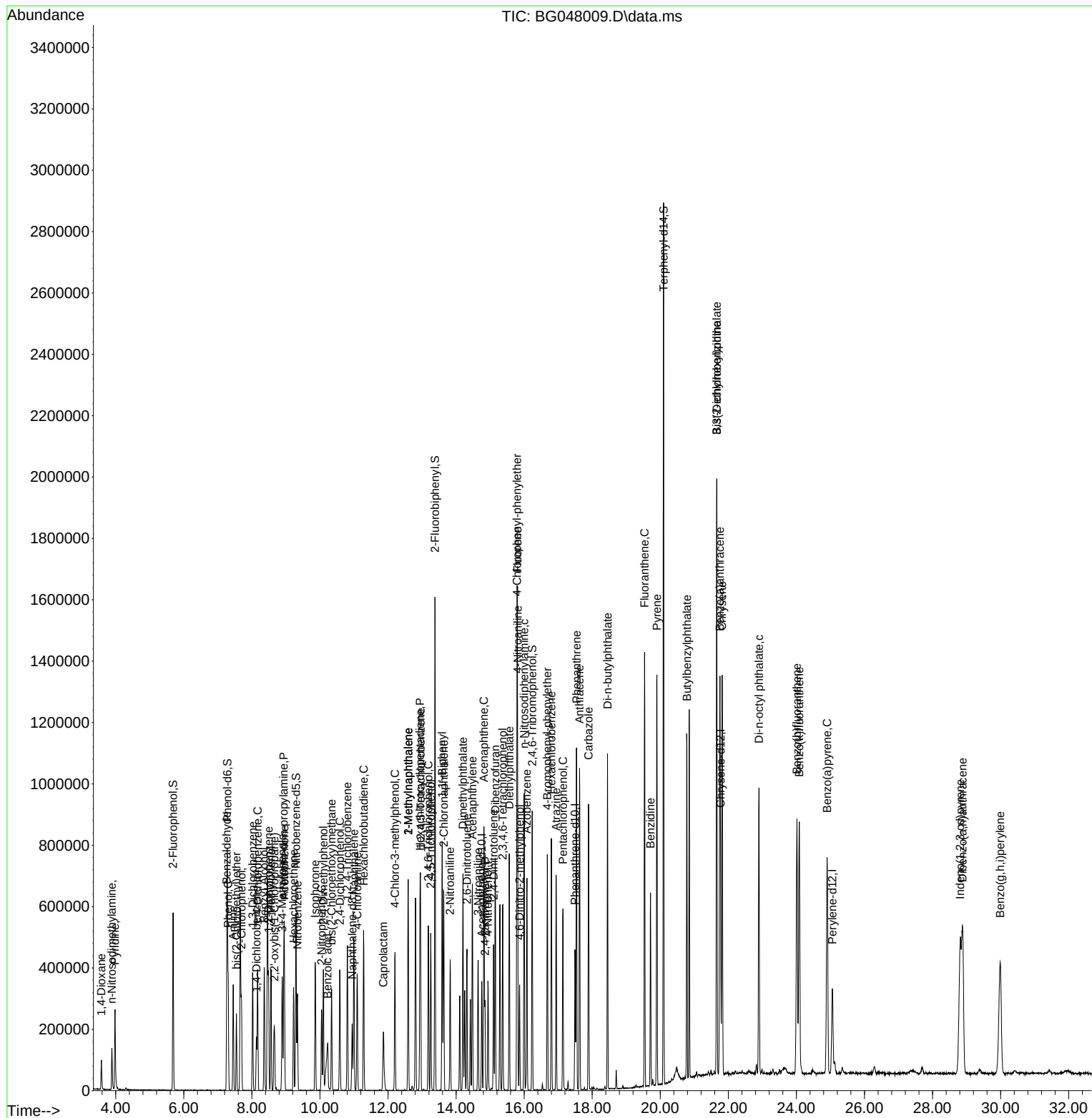
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |     |
|-------------------------------|--------|------|----------|-------|-------|----------|-----|
| 44) 2,4,5-Trichlorophenol     | 13.256 | 196  | 143323   | 42.61 | ng    | #        | 94  |
| 46) 1,1'-Biphenyl             | 13.591 | 154  | 396209   | 41.99 | ng    |          | 99  |
| 47) 2-Chloronaphthalene       | 13.638 | 162  | 341697   | 41.61 | ng    |          | 98  |
| 48) 2-Nitroaniline            | 13.826 | 65   | 122729   | 41.17 | ng    | #        | 79  |
| 49) Acenaphthylene            | 14.478 | 152  | 488941   | 40.34 | ng    |          | 99  |
| 50) Dimethylphthalate         | 14.202 | 163  | 449116   | 40.65 | ng    |          | 98  |
| 51) 2,6-Dinitrotoluene        | 14.319 | 165  | 93934    | 40.90 | ng    | #        | 74  |
| 52) Acenaphthene              | 14.819 | 154  | 334461   | 40.76 | ng    |          | 96  |
| 53) 3-Nitroaniline            | 14.648 | 138  | 98701    | 39.18 | ng    |          | 84  |
| 54) 2,4-Dinitrophenol         | 14.848 | 184  | 64126    | 44.65 | ng    | #        | 68  |
| 55) Dibenzofuran              | 15.148 | 168  | 507569   | 40.78 | ng    |          | 94  |
| 56) 4-Nitrophenol             | 14.936 | 139  | 78438    | 39.90 | ng    | #        | 56  |
| 57) 2,4-Dinitrotoluene        | 15.101 | 165  | 134248   | 40.47 | ng    | #        | 74  |
| 58) Fluorene                  | 15.800 | 166  | 397673   | 39.74 | ng    |          | 96  |
| 59) 2,3,4,6-Tetrachlorophenol | 15.371 | 232  | 139509   | 41.48 | ng    | #        | 96  |
| 60) Diethylphthalate          | 15.565 | 149  | 448660   | 39.50 | ng    |          | 93  |
| 61) 4-Chlorophenyl-phenyle... | 15.788 | 204  | 249259   | 40.68 | ng    |          | 97  |
| 62) 4-Nitroaniline            | 15.806 | 138  | 106230   | 38.71 | ng    | #        | 66  |
| 63) Azobenzene                | 16.082 | 77   | 420792   | 39.36 | ng    |          | 92  |
| 65) 4,6-Dinitro-2-methylph... | 15.865 | 198  | 83313    | 43.65 | ng    |          | 87  |
| 66) n-Nitrosodiphenylamine    | 16.000 | 169  | 362269   | 40.76 | ng    |          | 98  |
| 67) 4-Bromophenyl-phenylether | 16.681 | 248  | 166301   | 42.08 | ng    |          | 96  |
| 68) Hexachlorobenzene         | 16.799 | 284  | 177185   | 41.23 | ng    |          | 96  |
| 69) Atrazine                  | 16.940 | 200  | 136866   | 40.54 | ng    |          | 94  |
| 70) Pentachlorophenol         | 17.140 | 266  | 115062   | 44.09 | ng    |          | 95  |
| 71) Phenanthrene              | 17.539 | 178  | 694029   | 40.67 | ng    |          | 97  |
| 72) Anthracene                | 17.627 | 178  | 672422   | 40.07 | ng    |          | 96  |
| 73) Carbazole                 | 17.892 | 167  | 625667   | 39.95 | ng    |          | 98  |
| 74) Di-n-butylphthalate       | 18.450 | 149  | 755896   | 39.52 | ng    | #        | 98  |
| 75) Fluoranthene              | 19.537 | 202  | 889753   | 39.77 | ng    |          | 98  |
| 77) Benzidine                 | 19.713 | 184  | 364193   | 42.66 | ng    |          | 98  |
| 78) Pyrene                    | 19.901 | 202  | 888556   | 41.00 | ng    |          | 97  |
| 80) Butylbenzylphthalate      | 20.782 | 149  | 332536   | 40.17 | ng    |          | 90  |
| 81) Benzo(a)anthracene        | 21.752 | 228  | 869761   | 40.44 | ng    |          | 100 |
| 82) 3,3'-Dichlorobenzidine    | 21.658 | 252  | 305886   | 42.21 | ng    |          | 97  |
| 83) Chrysene                  | 21.817 | 228  | 834227   | 40.82 | ng    |          | 99  |
| 84) Bis(2-ethylhexyl)phtha... | 21.658 | 149  | 460250   | 40.60 | ng    |          | 96  |
| 85) Di-n-octyl phthalate      | 22.898 | 149  | 788693   | 41.59 | ng    |          | 97  |
| 87) Indeno(1,2,3-cd)pyrene    | 28.808 | 276  | 997500   | 41.06 | ng    | #        | 85  |
| 88) Benzo(b)fluoranthene      | 24.014 | 252  | 898504   | 41.86 | ng    | #        | 96  |
| 89) Benzo(k)fluoranthene      | 24.084 | 252  | 841301   | 40.34 | ng    | #        | 97  |
| 90) Benzo(a)pyrene            | 24.901 | 252  | 831085   | 41.23 | ng    | #        | 97  |
| 91) Dibenzo(a,h)anthracene    | 28.879 | 278  | 821559   | 40.98 | ng    | #        | 97  |
| 92) Benzo(g,h,i)perylene      | 29.983 | 276  | 790698   | 40.95 | ng    | #        | 93  |

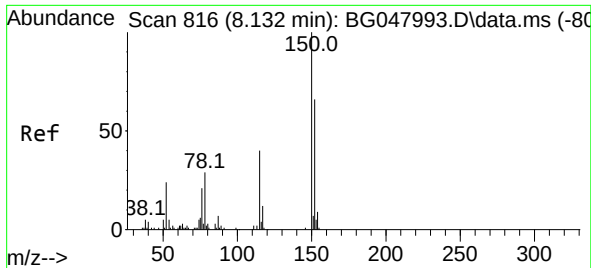
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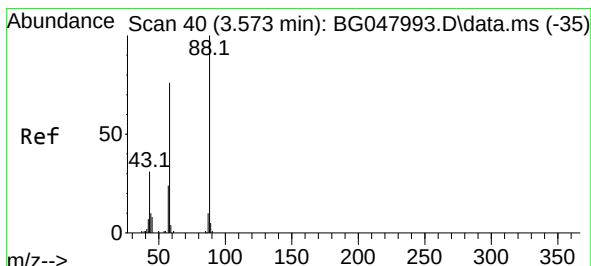
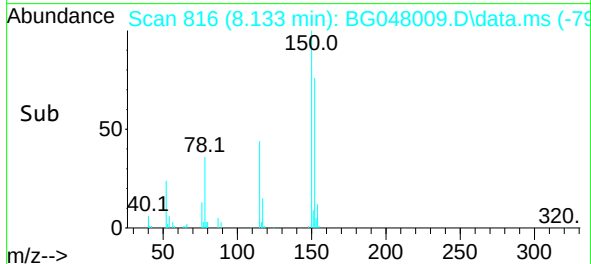
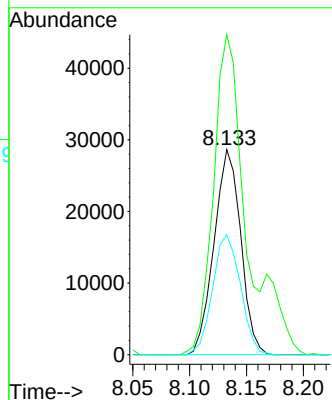
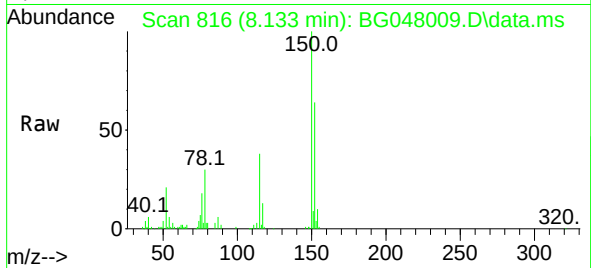




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.133 min Scan# 816  
Delta R.T. 0.001 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

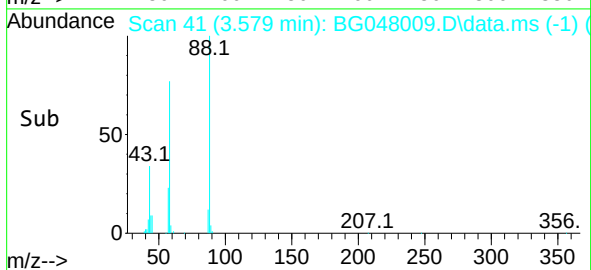
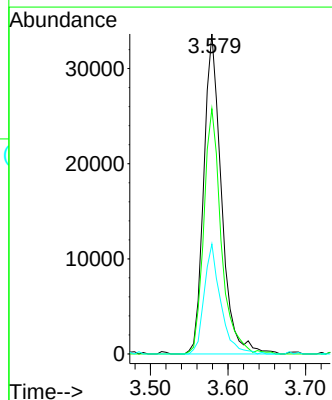
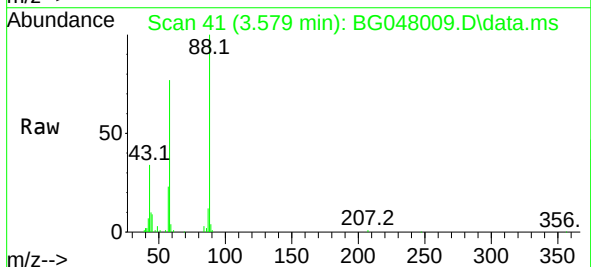
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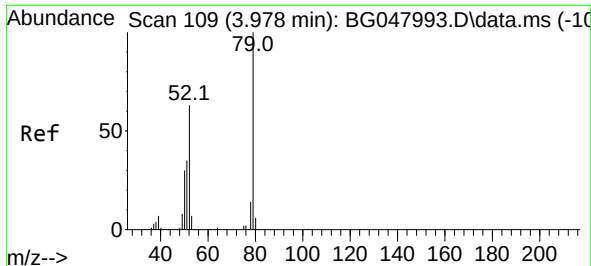
Tgt Ion:152 Resp: 46818  
Ion Ratio Lower Upper  
152 100  
150 156.0 125.0 187.6  
115 58.5 41.8 62.6



#2  
1,4-Dioxane  
Concen: 39.29 ng  
RT: 3.579 min Scan# 41  
Delta R.T. 0.006 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

Tgt Ion: 88 Resp: 53360  
Ion Ratio Lower Upper  
88 100  
58 75.5 61.6 92.4  
43 32.0 21.3 31.9#

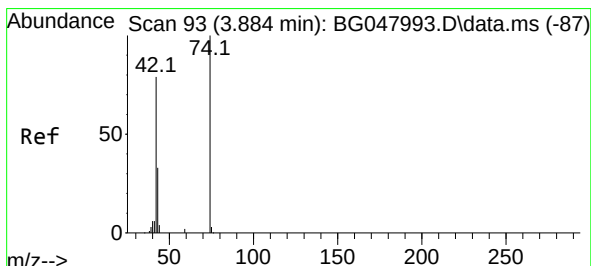
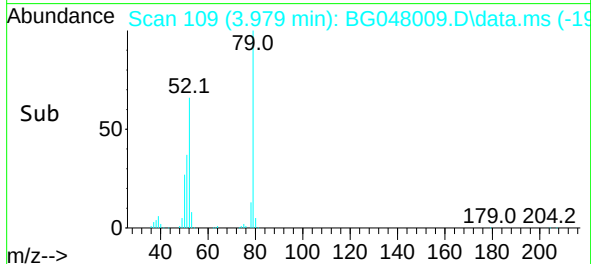
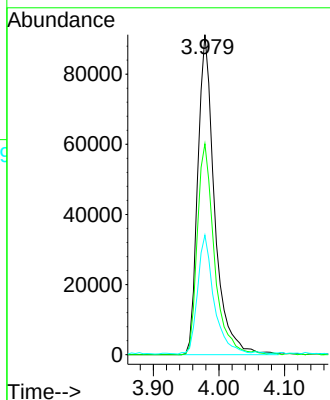
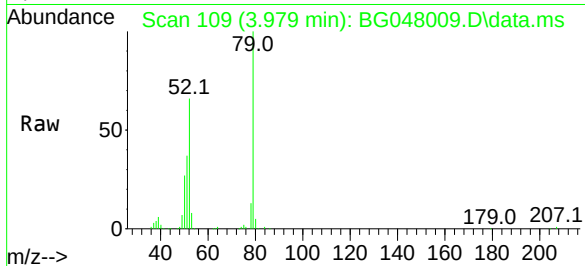




#3  
Pyridine  
Concen: 39.99 ng  
RT: 3.979 min Scan# 109  
Delta R.T. 0.000 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

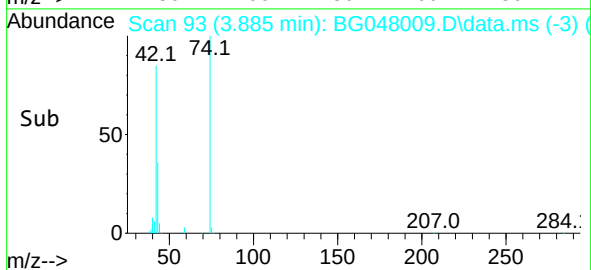
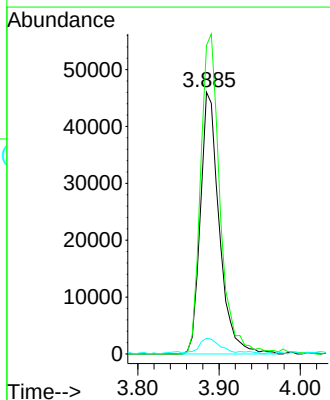
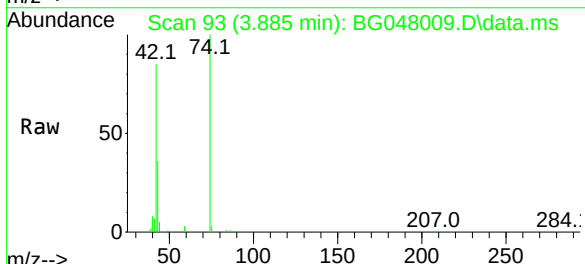
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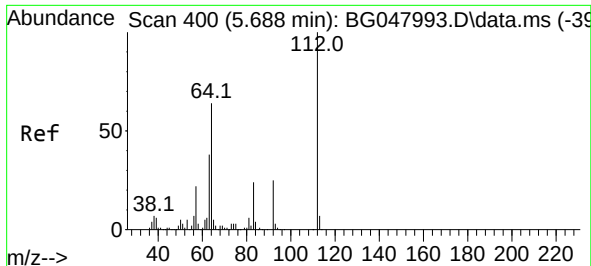
Tgt Ion: 79 Resp: 162996  
Ion Ratio Lower Upper  
79 100  
52 65.9 61.3 91.9  
51 37.3 28.4 42.6



#4  
n-Nitrosodimethylamine  
Concen: 39.36 ng  
RT: 3.885 min Scan# 93  
Delta R.T. 0.000 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

Tgt Ion: 42 Resp: 74138  
Ion Ratio Lower Upper  
42 100  
74 117.9 120.4 180.6#  
44 6.0 6.2 9.2#

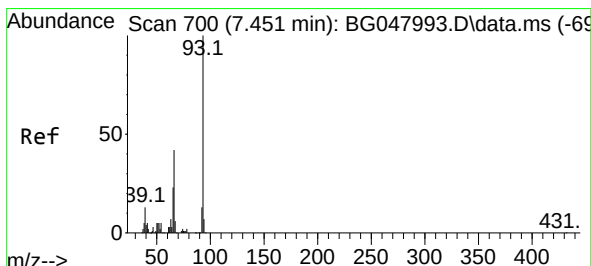
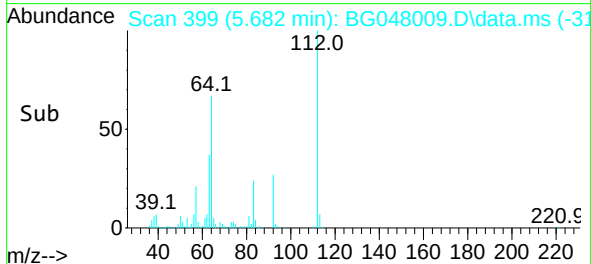
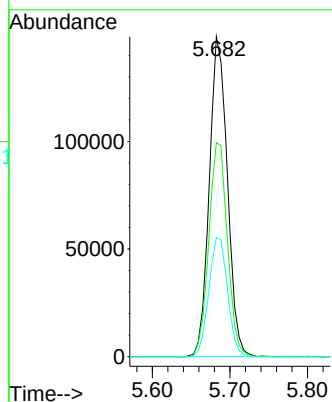
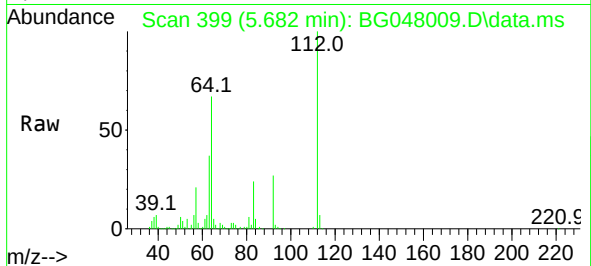




#5  
2-Fluorophenol  
Concen: 79.04 ng  
RT: 5.682 min Scan# 399  
Delta R.T. -0.006 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

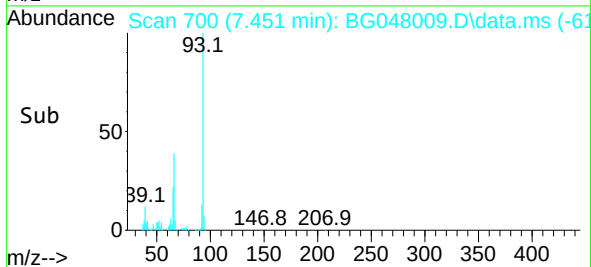
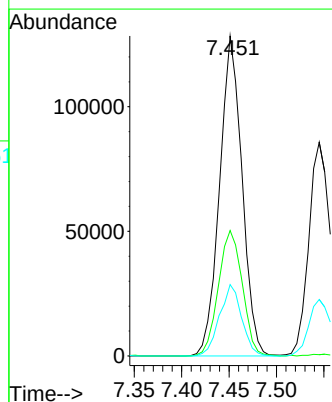
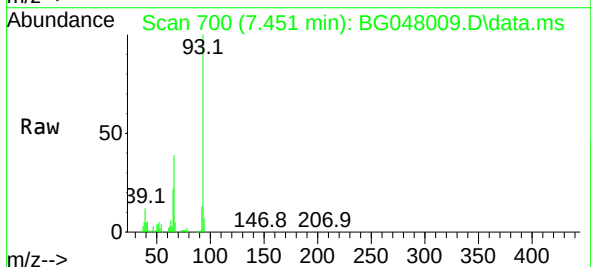
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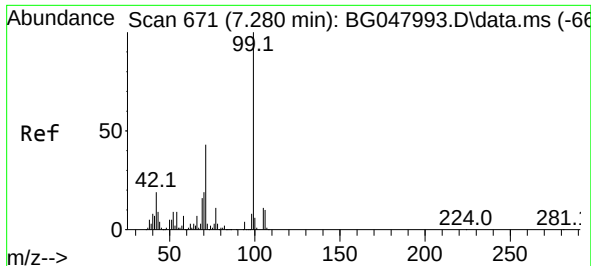
Tgt Ion:112 Resp: 240801  
Ion Ratio Lower Upper  
112 100  
64 66.9 46.7 70.1  
63 37.2 22.8 34.2#



#6  
Aniline  
Concen: 37.87 ng  
RT: 7.451 min Scan# 700  
Delta R.T. 0.000 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

Tgt Ion: 93 Resp: 211907  
Ion Ratio Lower Upper  
93 100  
66 39.2 29.5 44.3  
65 22.3 15.5 23.3

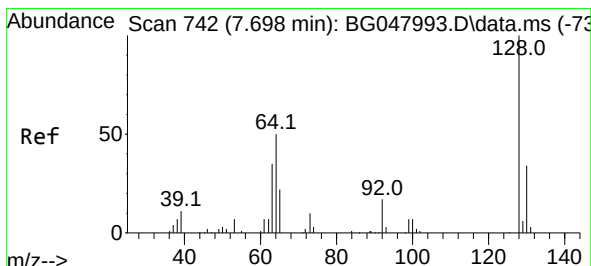
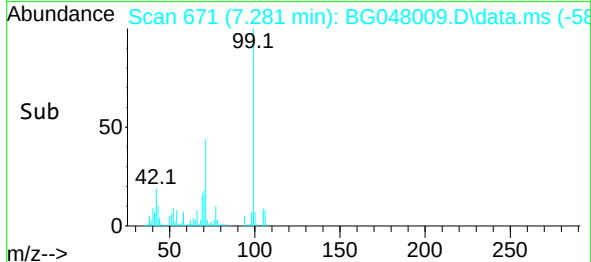
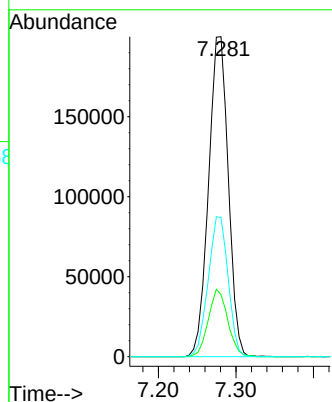
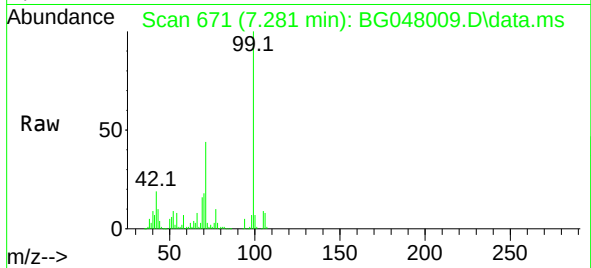




#7  
Phenol-d6  
Concen: 76.53 ng  
RT: 7.281 min Scan# 671  
Delta R.T. 0.000 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

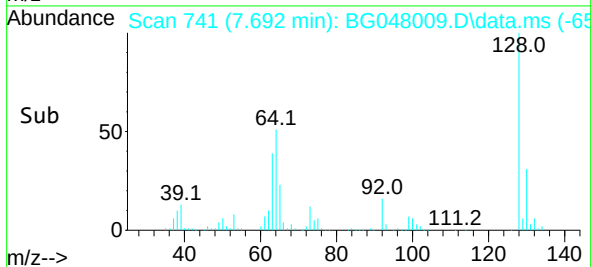
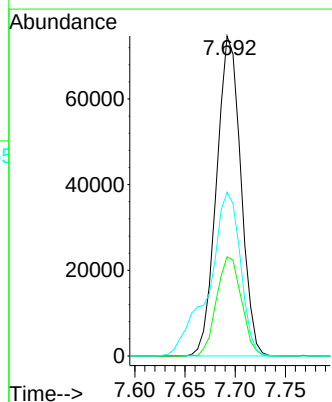
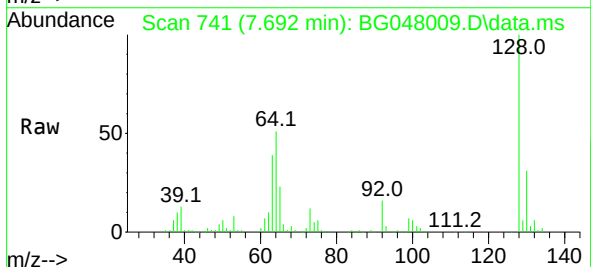
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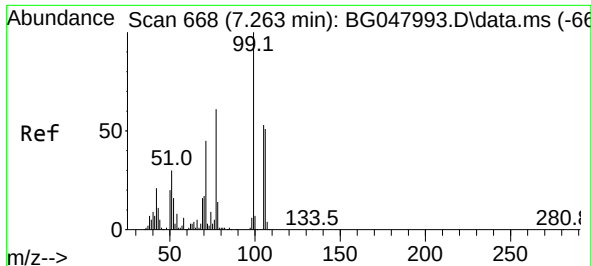
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Ion Ratio Lower Upper  
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42 19.4 12.8 19.2#  
71 43.5 24.6 36.8#



#8  
2-Chlorophenol  
Concen: 39.32 ng  
RT: 7.692 min Scan# 741  
Delta R.T. -0.006 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

Tgt Ion: 128 Resp: 125389  
Ion Ratio Lower Upper  
128 100  
130 31.0 12.6 52.6  
64 51.2 24.8 64.8

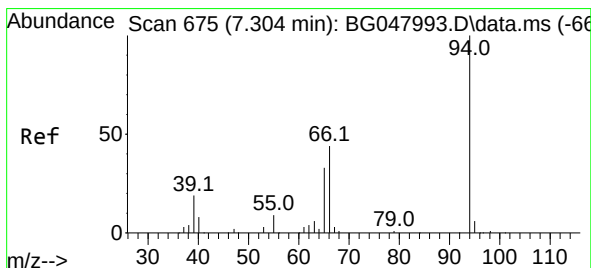
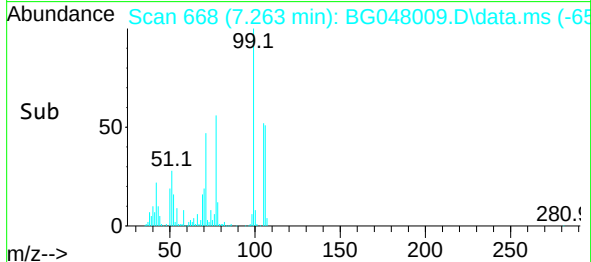
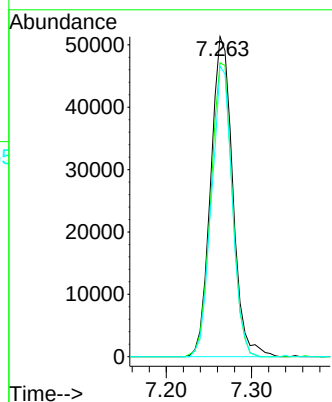
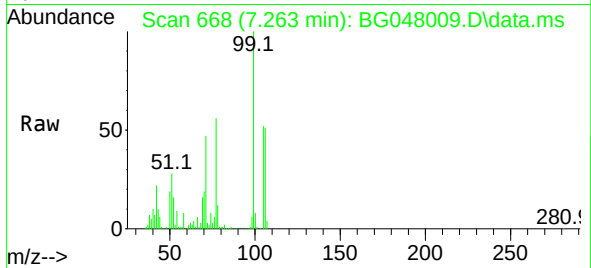




#9  
Benzaldehyde  
Concen: 38.66 ng  
RT: 7.263 min Scan# 668  
Delta R.T. 0.000 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

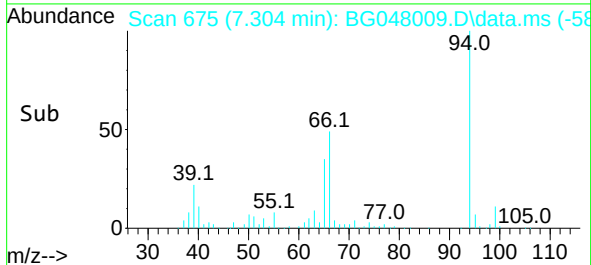
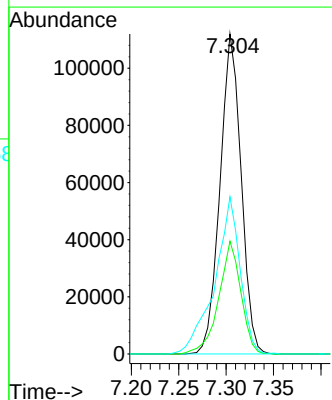
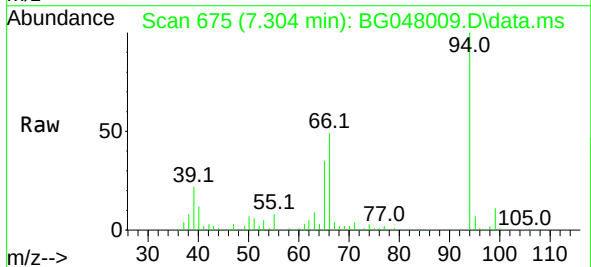
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 77 Resp: 91855  
Ion Ratio Lower Upper  
77 100  
105 91.8 85.9 125.9  
106 90.8 80.9 120.9

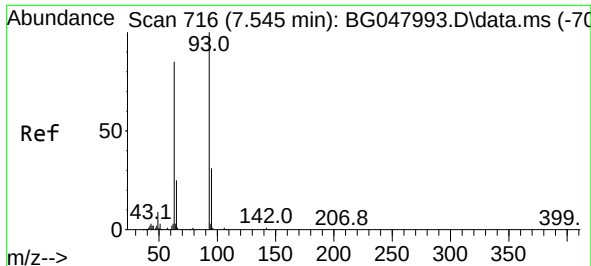


#10  
Phenol  
Concen: 39.08 ng  
RT: 7.304 min Scan# 675  
Delta R.T. 0.000 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

Tgt Ion: 94 Resp: 173521  
Ion Ratio Lower Upper  
94 100  
65 35.2 6.6 46.6  
66 49.1 13.9 53.9



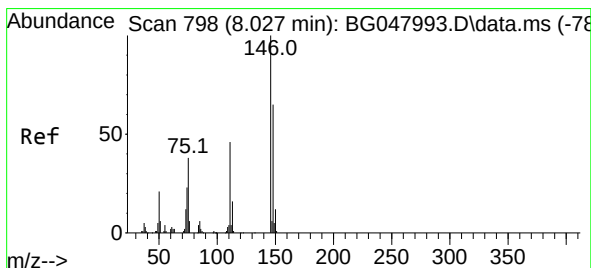
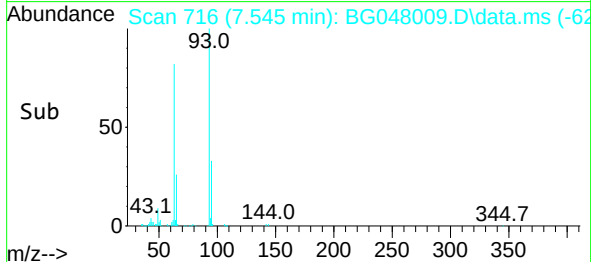
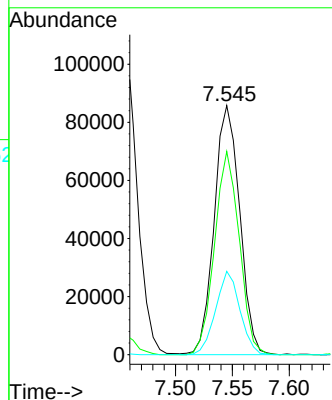
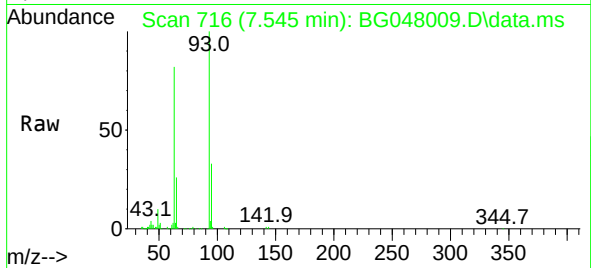




#11  
bis(2-Chloroethyl)ether  
Concen: 38.52 ng  
RT: 7.545 min Scan# 716  
Delta R.T. 0.000 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

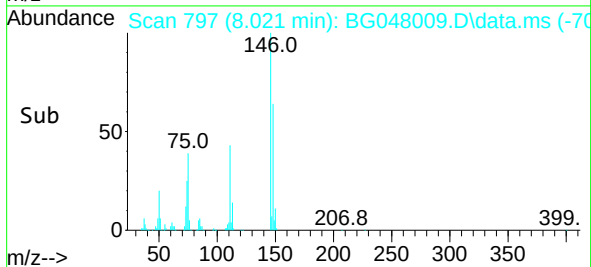
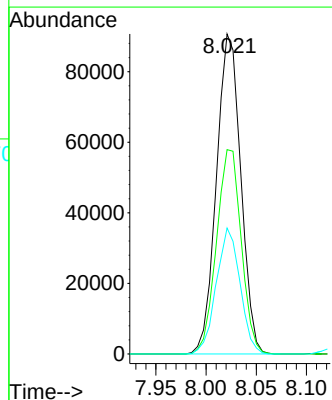
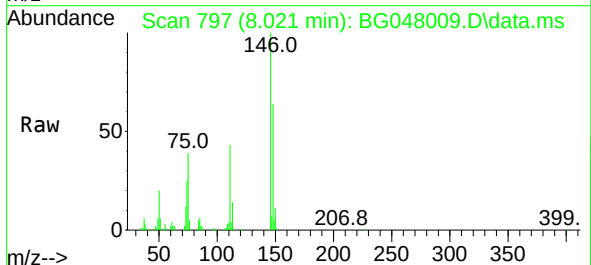
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

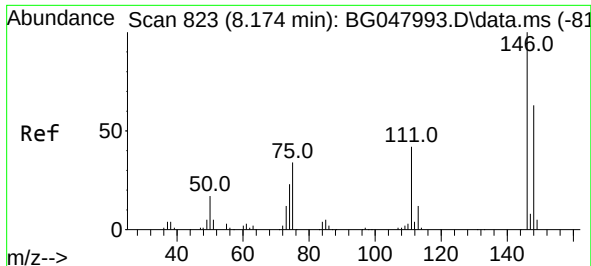
Tgt Ion: 93 Resp: 133934  
Ion Ratio Lower Upper  
93 100  
63 81.6 56.4 96.4  
95 33.5 13.8 53.8



#12  
1,3-Dichlorobenzene  
Concen: 39.71 ng  
RT: 8.021 min Scan# 797  
Delta R.T. -0.006 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

Tgt Ion:146 Resp: 152849  
Ion Ratio Lower Upper  
146 100  
148 63.9 50.1 75.1  
75 39.4 20.1 30.1#

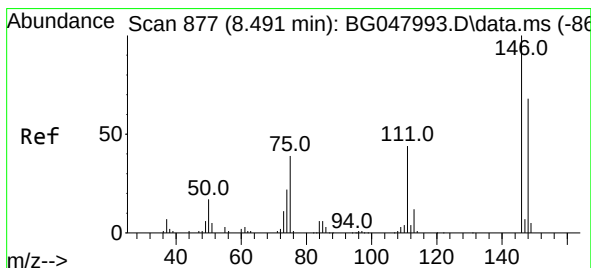
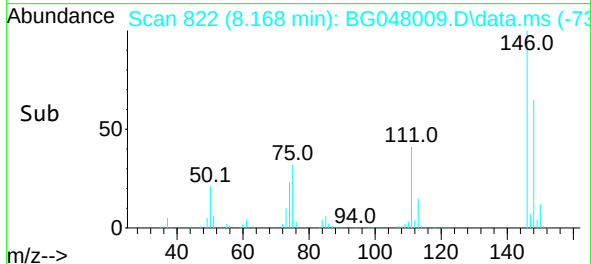
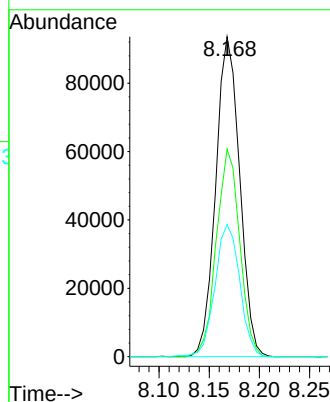
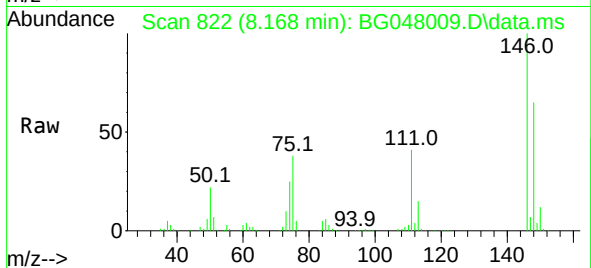




#13  
1,4-Dichlorobenzene  
Concen: 40.17 ng  
RT: 8.168 min Scan# 822  
Delta R.T. -0.006 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

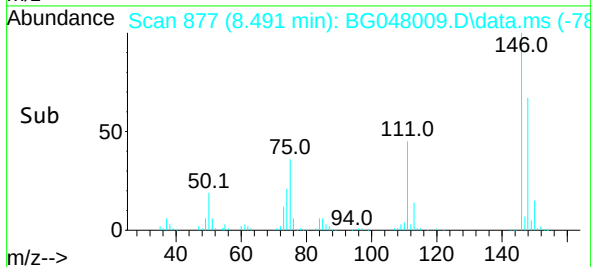
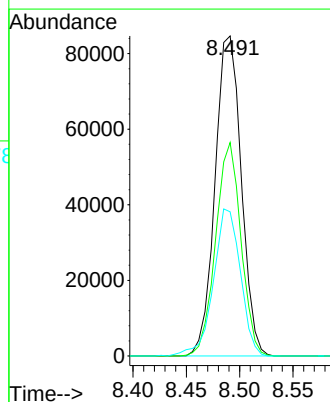
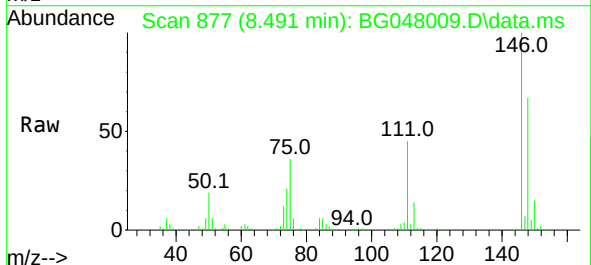
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

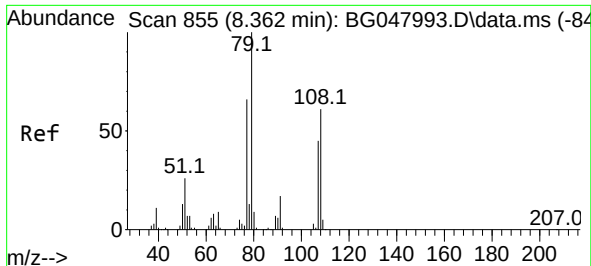
Tgt Ion:146 Resp: 154972  
Ion Ratio Lower Upper  
146 100  
148 64.9 51.1 76.7  
111 41.3 29.7 44.5



#14  
1,2-Dichlorobenzene  
Concen: 39.32 ng  
RT: 8.491 min Scan# 877  
Delta R.T. 0.000 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

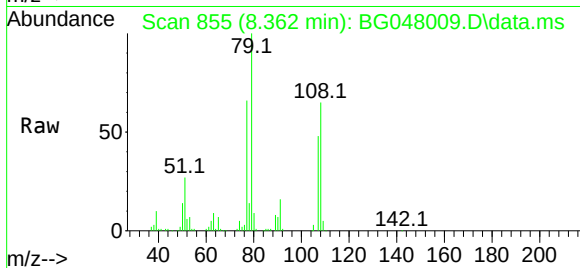
Tgt Ion:146 Resp: 144805  
Ion Ratio Lower Upper  
146 100  
148 66.7 53.0 79.6  
111 45.1 30.7 46.1



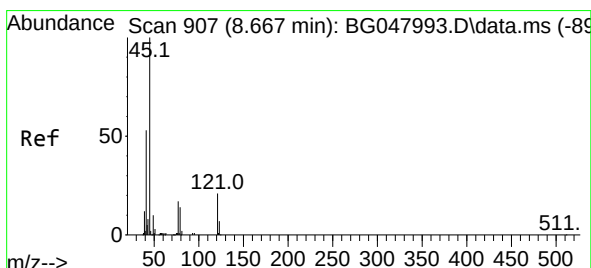
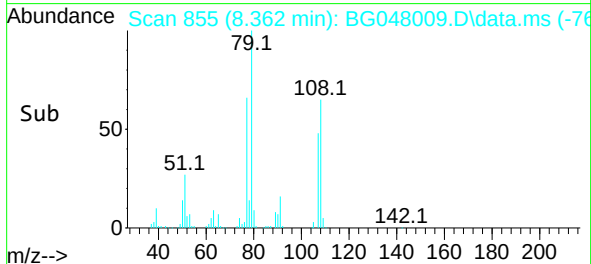
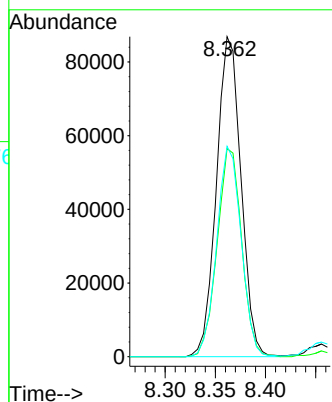


#15  
Benzyl Alcohol  
Concen: 37.75 ng  
RT: 8.362 min Scan# 855  
Delta R.T. 0.000 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

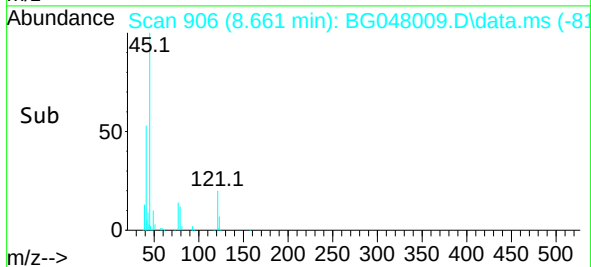
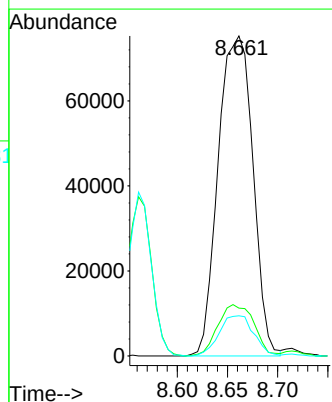
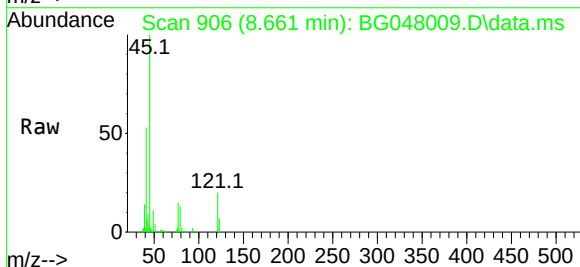


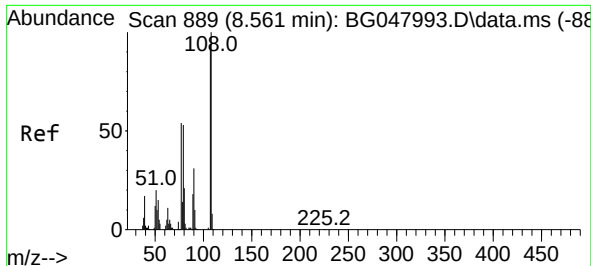
Tgt Ion: 79 Resp: 147932  
Ion Ratio Lower Upper  
79 100  
108 65.1 65.5 98.3#  
77 65.8 50.1 75.1



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 37.13 ng  
RT: 8.661 min Scan# 906  
Delta R.T. -0.006 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

Tgt Ion: 45 Resp: 181203  
Ion Ratio Lower Upper  
45 100  
77 14.9 0.0 33.4  
79 12.6 0.0 30.8

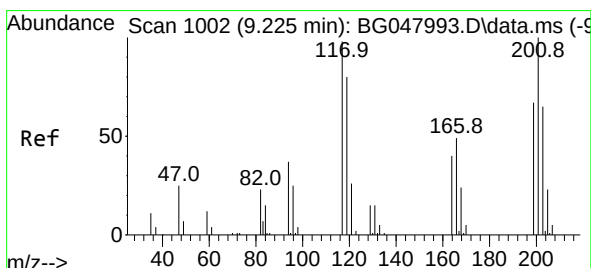
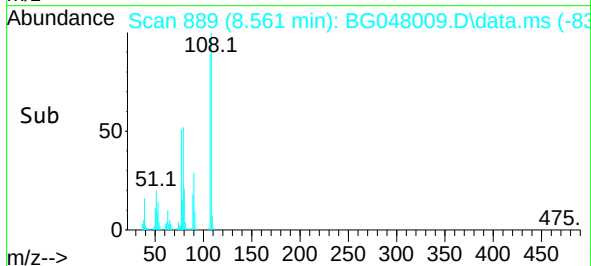
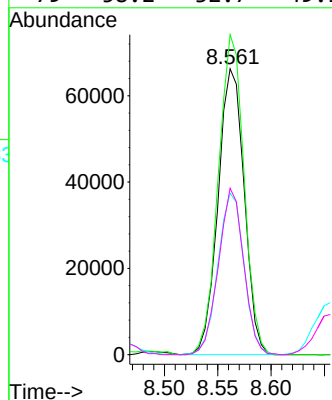
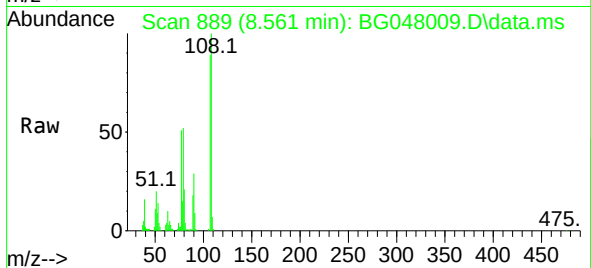




#17  
2-Methylphenol  
Concen: 37.62 ng  
RT: 8.561 min Scan# 889  
Delta R.T. 0.000 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

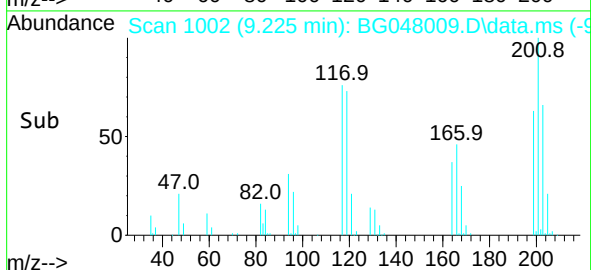
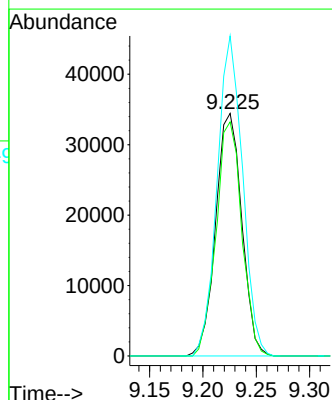
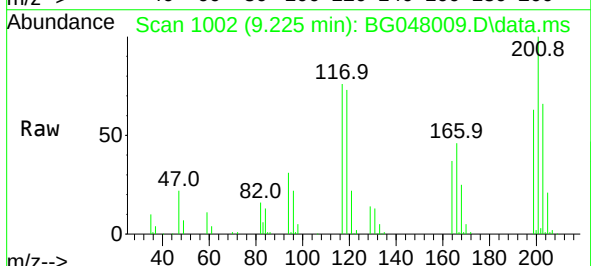
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

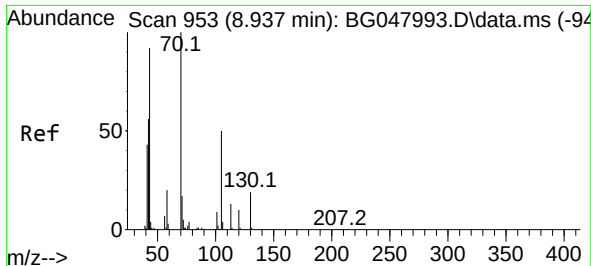
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 112896 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 111.9 | 87.2  | 130.8  |
| 77        | 56.5  | 33.8  | 50.8#  |
| 79        | 58.2  | 32.7  | 49.1#  |



#18  
Hexachloroethane  
Concen: 38.91 ng  
RT: 9.225 min Scan# 1002  
Delta R.T. 0.000 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 58571 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 96.5  | 77.5  | 116.3 |
| 201       | 131.9 | 104.9 | 157.3 |





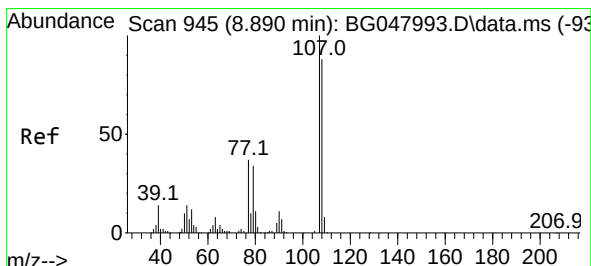
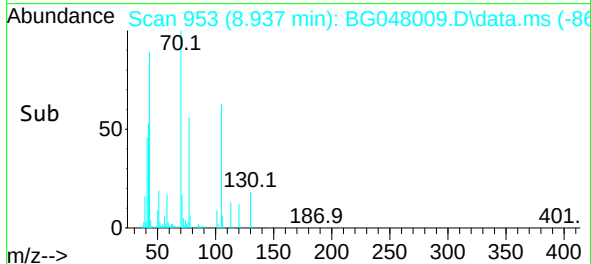
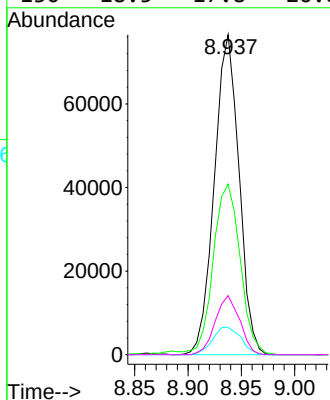
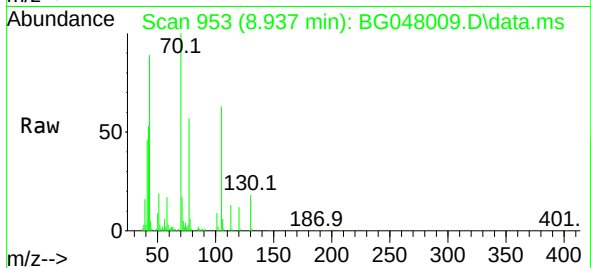
#19

n-Nitroso-di-n-propylamine  
Concen: 36.45 ng  
RT: 8.937 min Scan# 953  
Delta R.T. 0.000 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 70 Resp: 123240

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 53.3  | 45.6  | 68.4  |
| 101 | 8.6   | 8.4   | 12.6  |
| 130 | 18.5  | 17.8  | 26.8  |

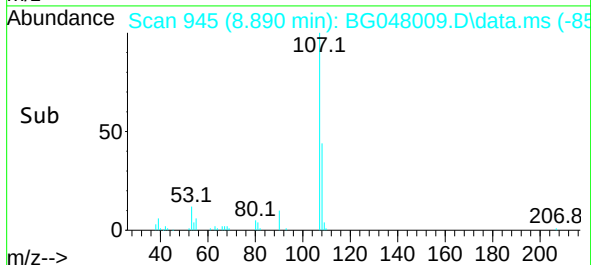
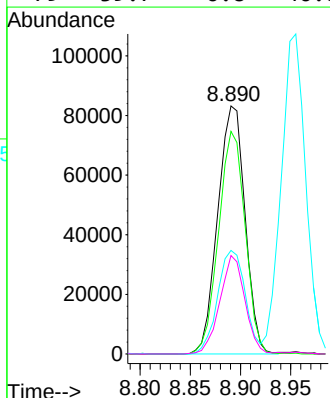
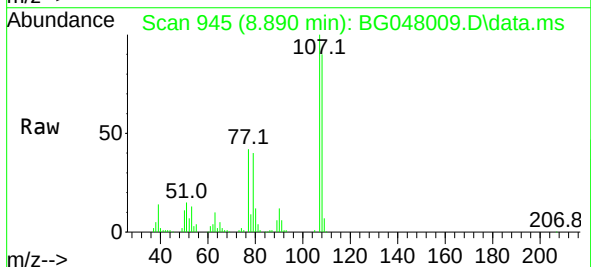


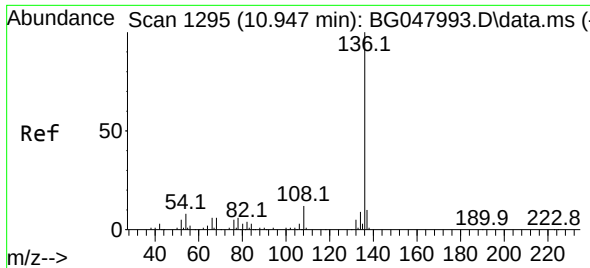
#20

3+4-Methylphenols  
Concen: 37.84 ng  
RT: 8.890 min Scan# 945  
Delta R.T. 0.000 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

Tgt Ion: 107 Resp: 157079

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 89.8  | 70.6  | 110.6 |
| 77  | 41.8  | 10.2  | 50.2  |
| 79  | 39.7  | 6.8   | 46.8  |

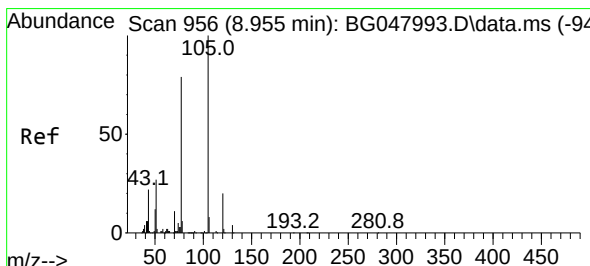
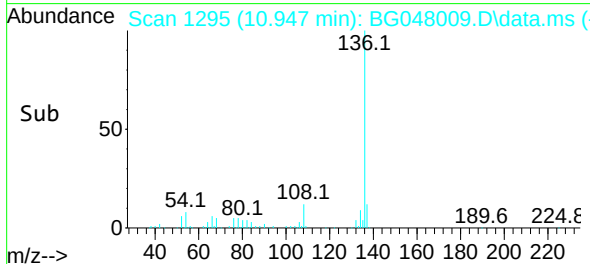
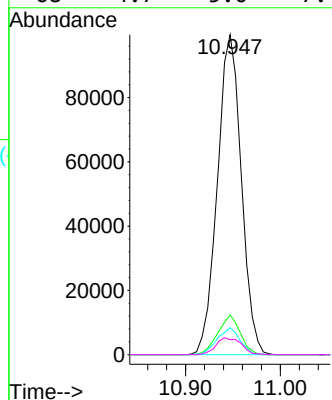
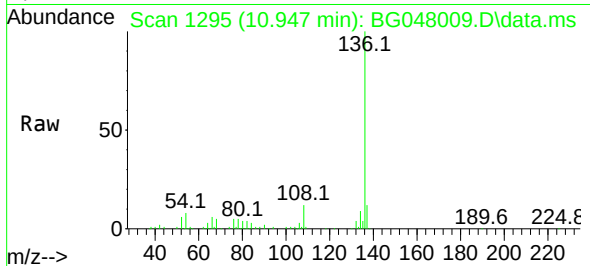




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.947 min Scan# 1295  
Delta R.T. 0.000 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

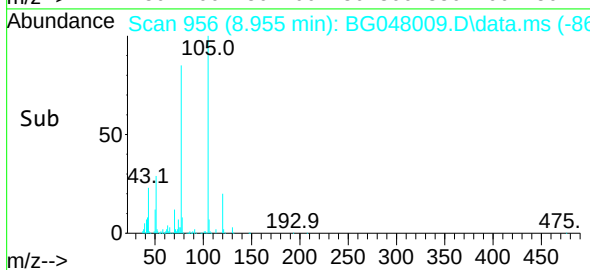
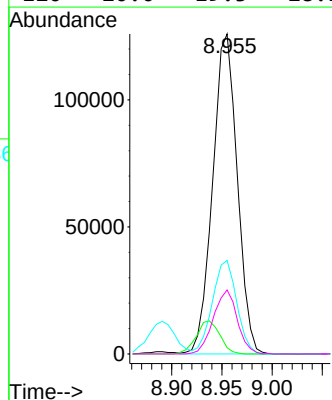
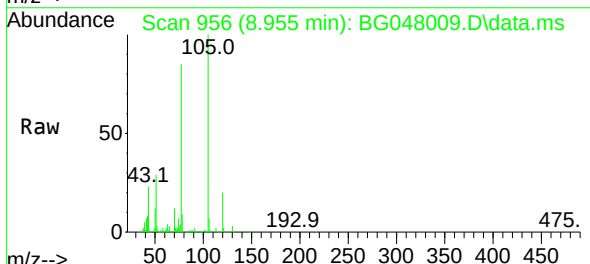
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

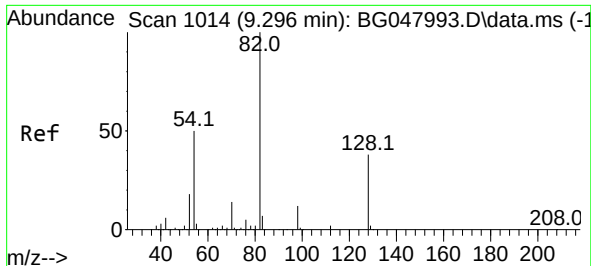
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 174615 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 12.4  | 9.1   | 13.7   |
| 54        | 8.4   | 6.2   | 9.4    |
| 68        | 4.7   | 5.0   | 7.4    |



#22  
Acetophenone  
Concen: 39.76 ng  
RT: 8.955 min Scan# 956  
Delta R.T. 0.000 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 213978 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 1.9   | 2.7   | 4.1    |
| 51        | 29.3  | 21.0  | 31.6   |
| 120       | 20.0  | 19.3  | 28.9   |

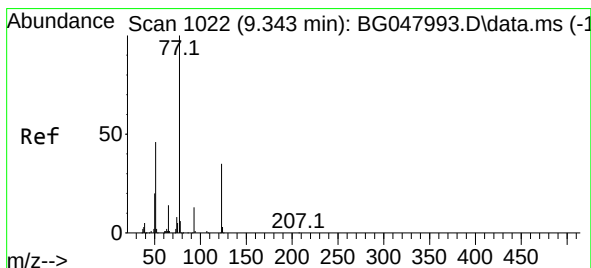
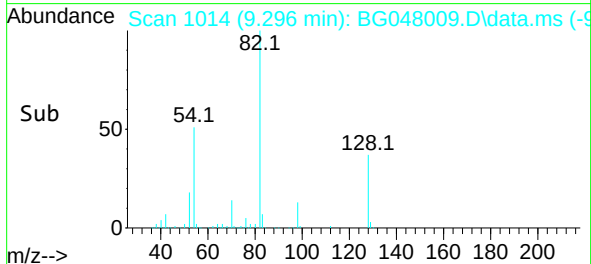
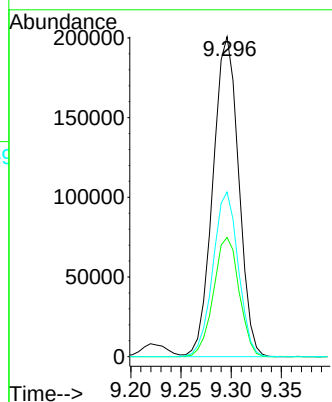
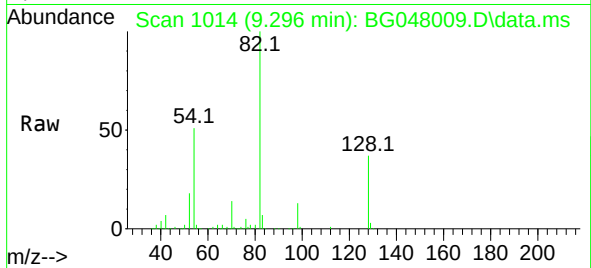




#23  
Nitrobenzene-d5  
Concen: 81.18 ng  
RT: 9.296 min Scan# 1014  
Delta R.T. 0.000 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

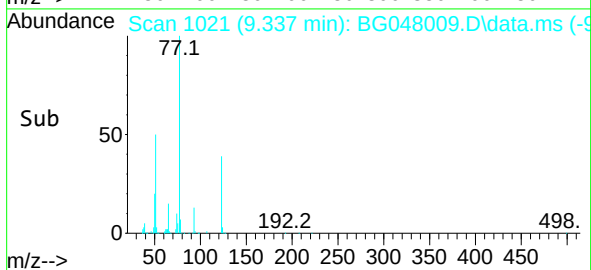
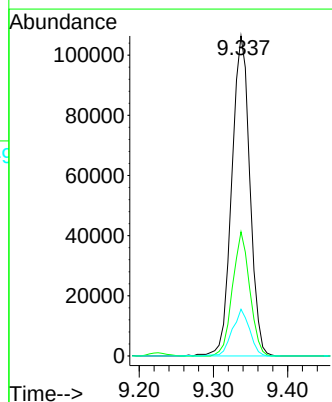
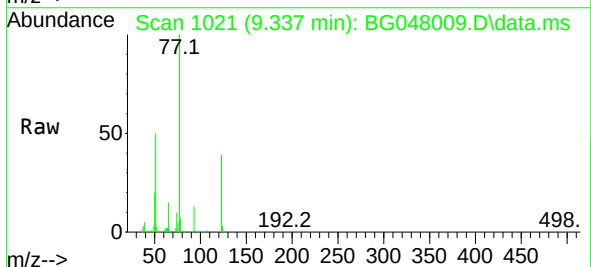
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

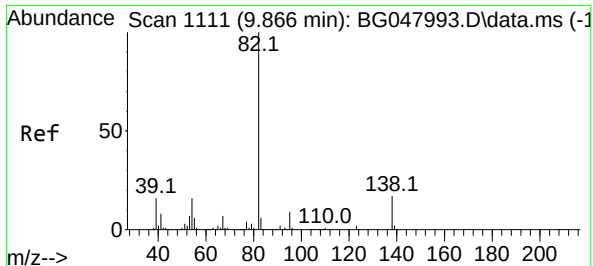
Tgt Ion: 82 Resp: 358275  
Ion Ratio Lower Upper  
82 100  
128 37.3 37.0 55.6  
54 51.5 39.0 58.4



#24  
Nitrobenzene  
Concen: 40.70 ng  
RT: 9.337 min Scan# 1021  
Delta R.T. -0.006 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

Tgt Ion: 77 Resp: 179887  
Ion Ratio Lower Upper  
77 100  
123 38.8 39.7 59.5#  
65 14.6 10.4 15.6

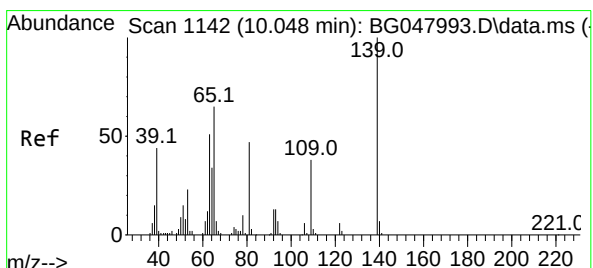
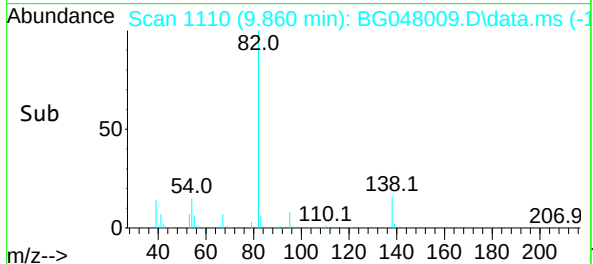
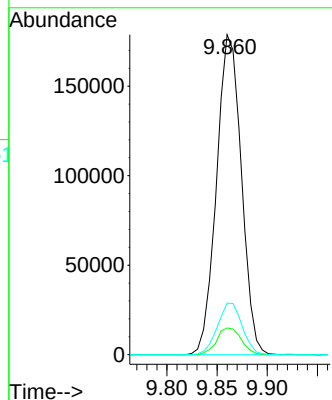
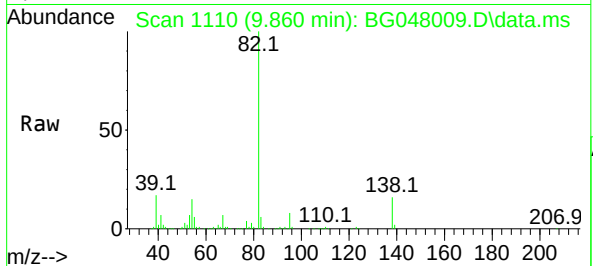




#25  
Isophorone  
Concen: 38.77 ng  
RT: 9.860 min Scan# 1110  
Delta R.T. -0.006 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

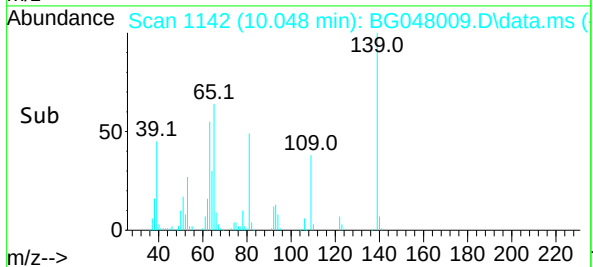
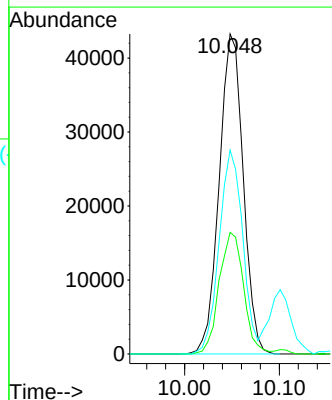
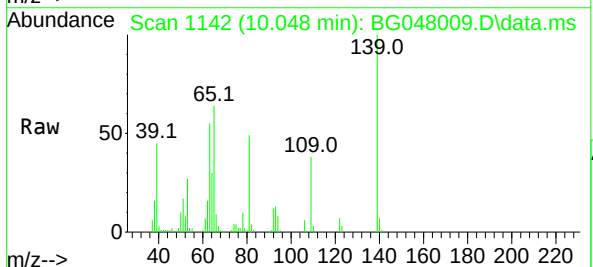
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 82 Resp: 307044  
Ion Ratio Lower Upper  
82 100  
95 8.4 5.6 8.4  
138 16.1 15.8 23.6

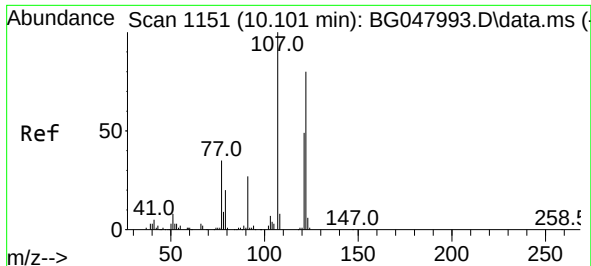


#26  
2-Nitrophenol  
Concen: 41.86 ng  
RT: 10.048 min Scan# 1142  
Delta R.T. 0.000 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

Tgt Ion: 139 Resp: 76118  
Ion Ratio Lower Upper  
139 100  
109 38.0 20.7 31.1#  
65 63.7 36.1 54.1#



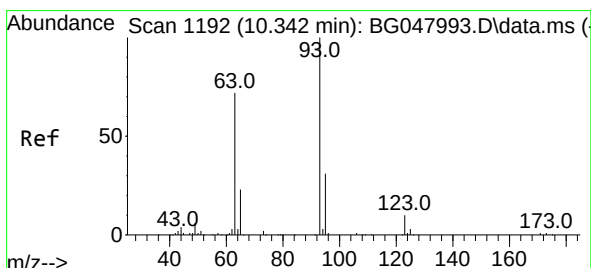
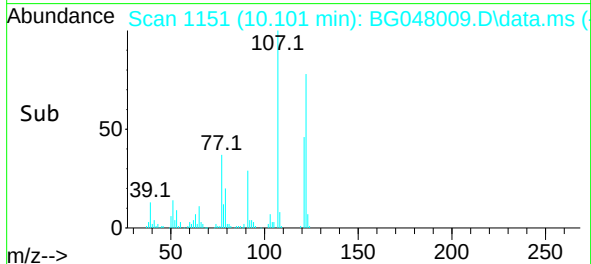
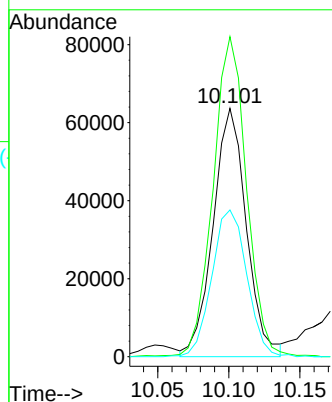
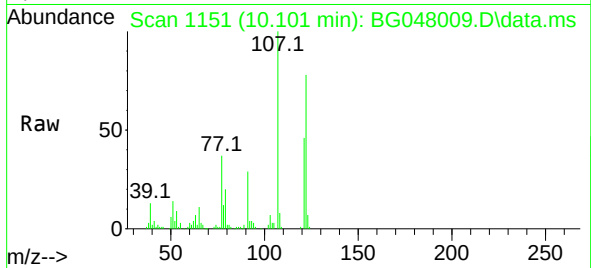




#27  
2,4-Dimethylphenol  
Concen: 39.21 ng  
RT: 10.101 min Scan# 1151  
Delta R.T. 0.000 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

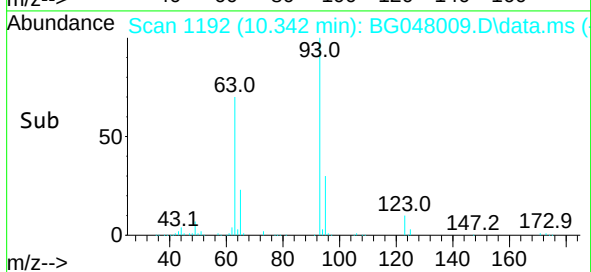
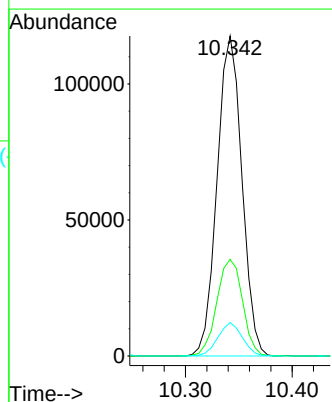
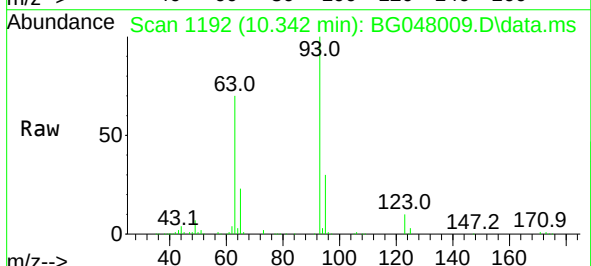
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

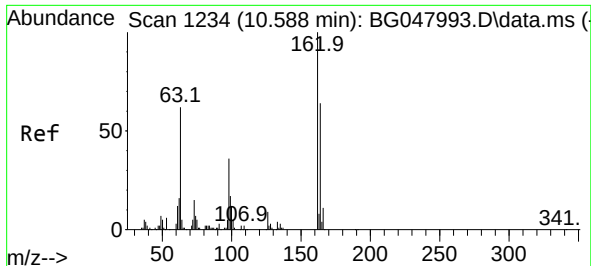
Tgt Ion:122 Resp: 103615  
Ion Ratio Lower Upper  
122 100  
107 128.8 89.2 133.8  
121 59.1 46.9 70.3



#28  
bis(2-Chloroethoxy)methane  
Concen: 39.88 ng  
RT: 10.342 min Scan# 1192  
Delta R.T. 0.000 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

Tgt Ion: 93 Resp: 190025  
Ion Ratio Lower Upper  
93 100  
95 30.2 26.5 39.7  
123 10.4 9.4 14.0

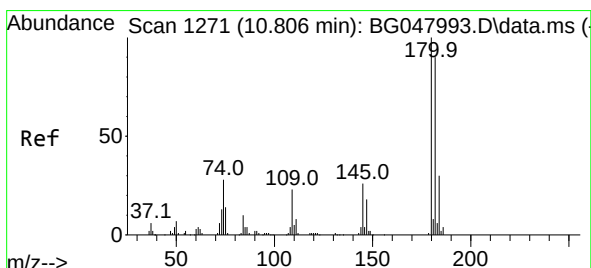
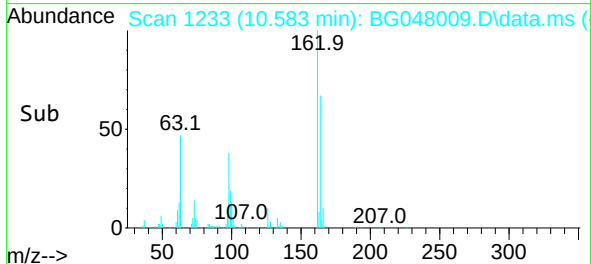
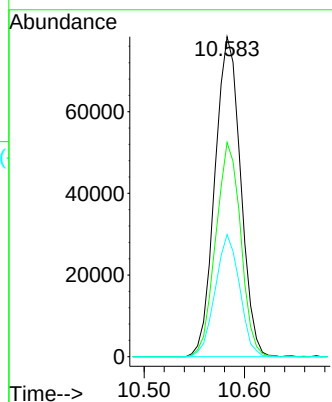
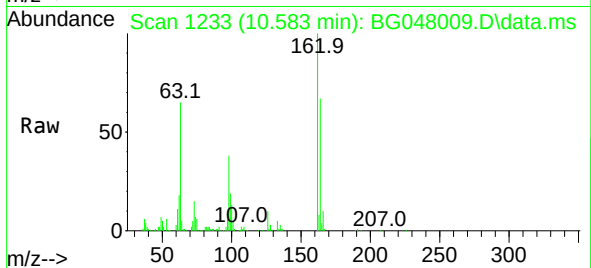




#29  
2,4-Dichlorophenol  
Concen: 41.00 ng  
RT: 10.583 min Scan# 1233  
Delta R.T. -0.006 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

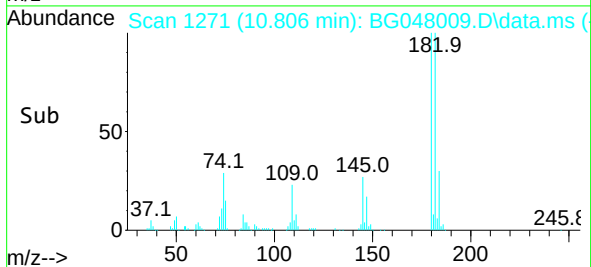
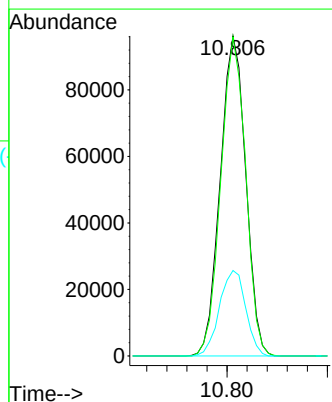
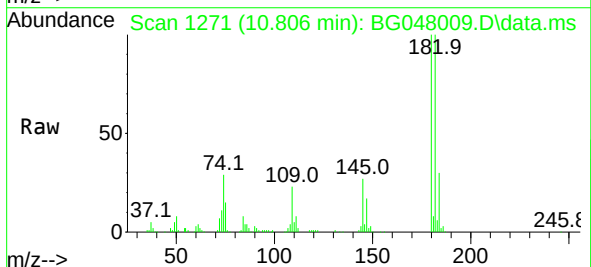
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

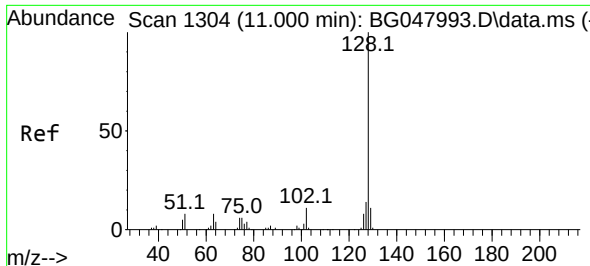
Tgt Ion:162 Resp: 139388  
Ion Ratio Lower Upper  
162 100  
164 67.0 45.6 85.6  
98 38.1 11.0 51.0



#30  
1,2,4-Trichlorobenzene  
Concen: 41.20 ng  
RT: 10.806 min Scan# 1271  
Delta R.T. 0.000 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

Tgt Ion:180 Resp: 169324  
Ion Ratio Lower Upper  
180 100  
182 99.7 76.9 115.3  
145 26.7 21.4 32.0

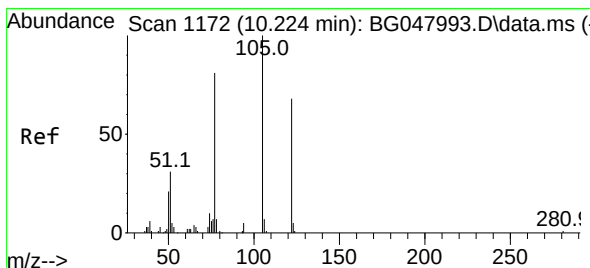
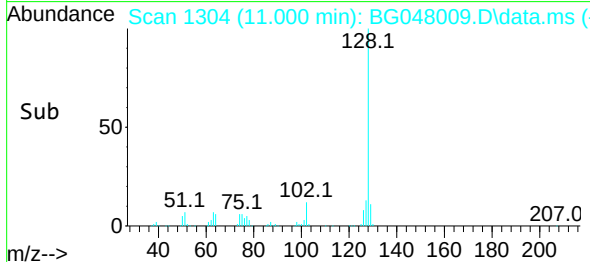
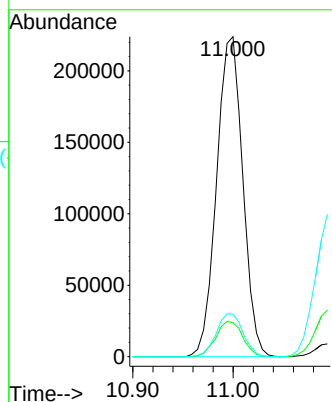
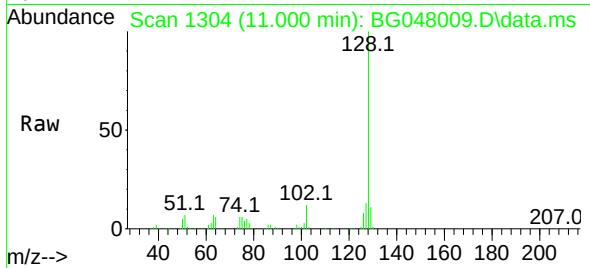




#31  
Naphthalene  
Concen: 40.08 ng  
RT: 11.000 min Scan# 1304  
Delta R.T. 0.000 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

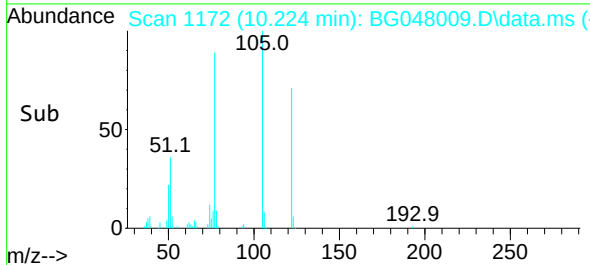
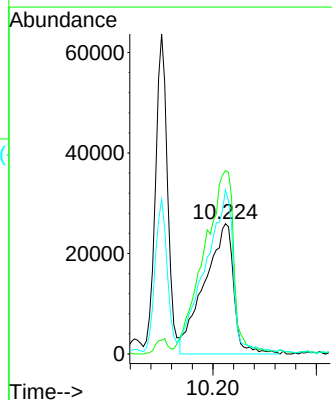
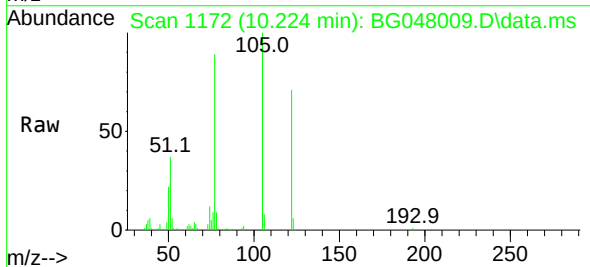
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

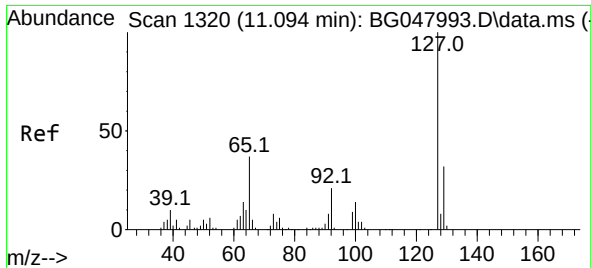
Tgt Ion:128 Resp: 404632  
Ion Ratio Lower Upper  
128 100  
129 10.6 9.0 13.6  
127 13.3 11.0 16.4



#32  
Benzoic acid  
Concen: 42.80 ng  
RT: 10.224 min Scan# 1172  
Delta R.T. 0.000 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

Tgt Ion:122 Resp: 101295  
Ion Ratio Lower Upper  
122 100  
105 140.7 103.7 143.7  
77 125.9 63.0 103.0#

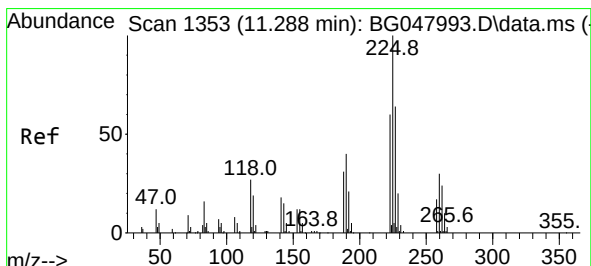
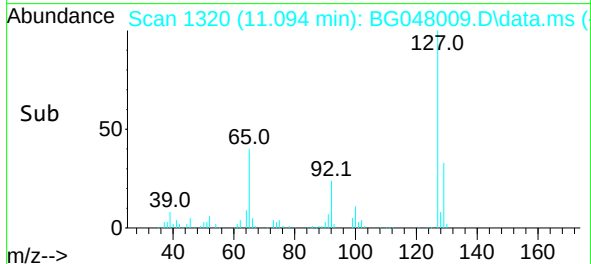
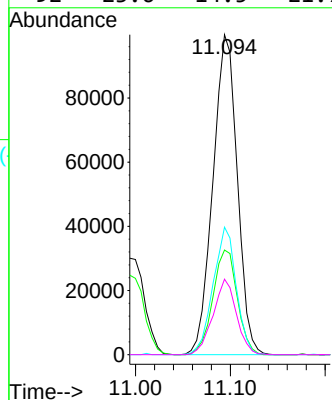
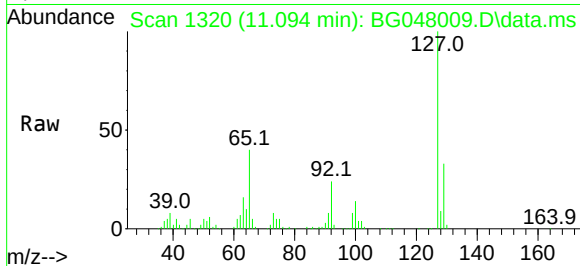




#33  
4-Chloroaniline  
Concen: 38.58 ng  
RT: 11.094 min Scan# 1320  
Delta R.T. 0.000 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

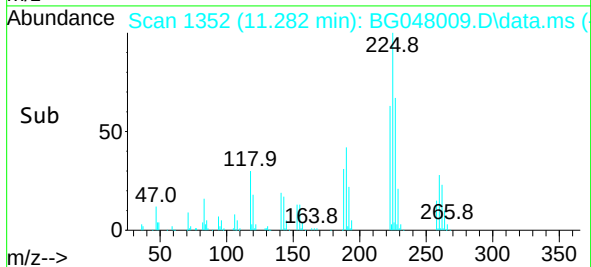
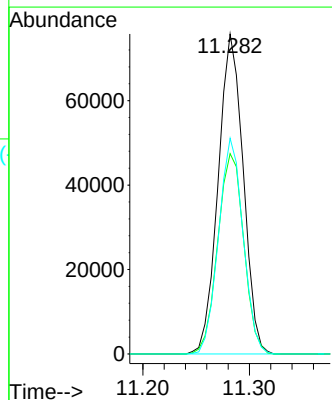
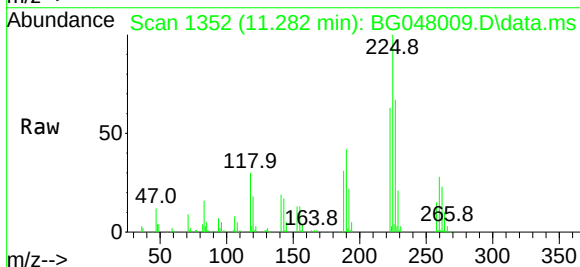
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

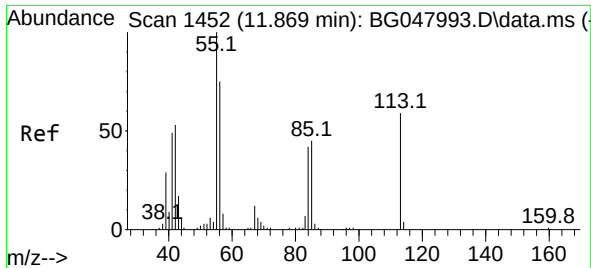
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 178035 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.7  | 26.8  | 40.2   |
| 65       | 39.9  | 23.8  | 35.6#  |
| 92       | 23.6  | 14.5  | 21.7#  |



#34  
Hexachlorobutadiene  
Concen: 42.27 ng  
RT: 11.282 min Scan# 1352  
Delta R.T. -0.006 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 123409 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.6  | 49.5  | 74.3   |
| 227      | 67.4  | 52.0  | 78.0   |

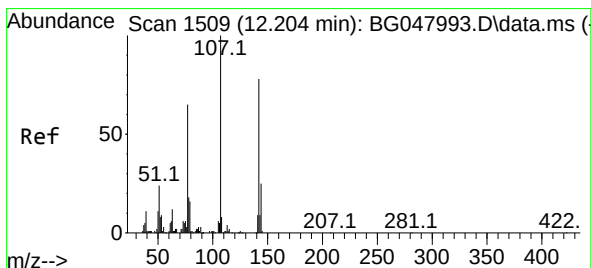
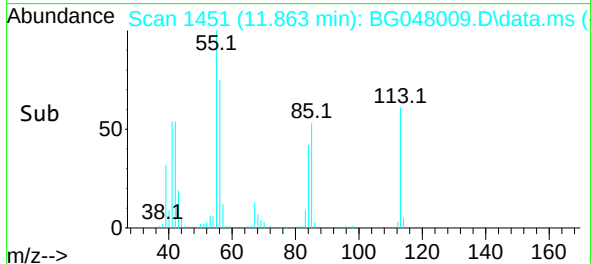
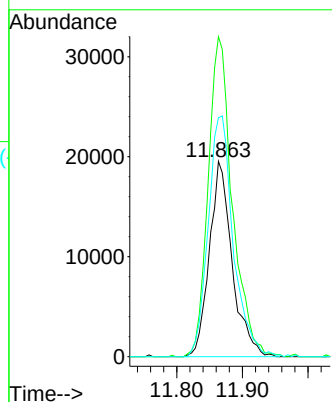
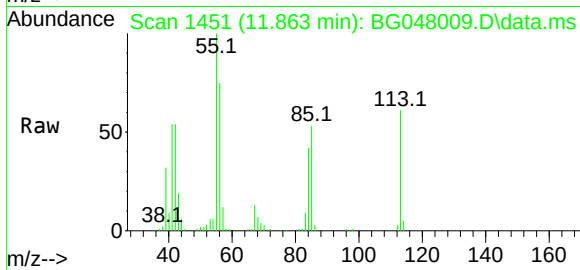




#35  
Caprolactam  
Concen: 36.41 ng  
RT: 11.863 min Scan# 1451  
Delta R.T. -0.006 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

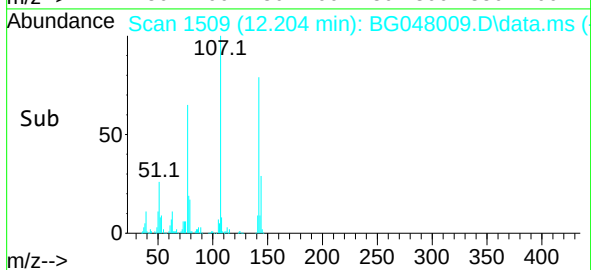
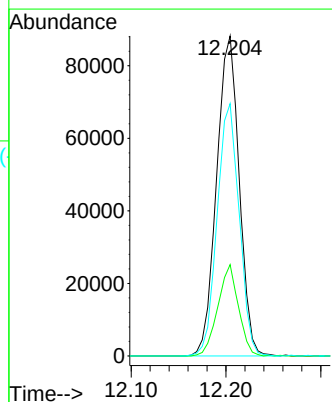
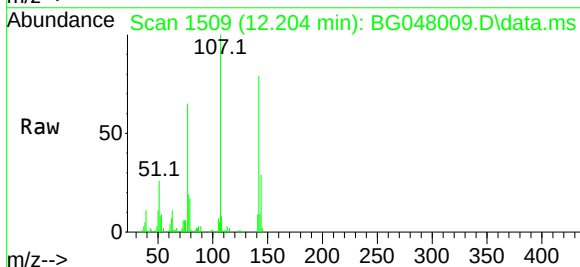
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

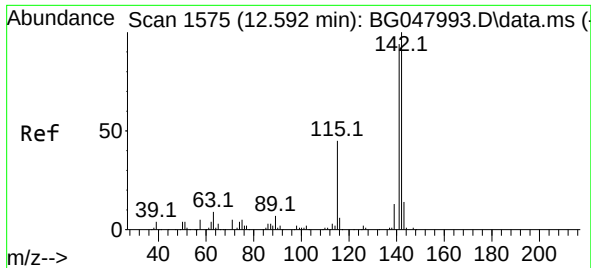
Tgt Ion:113 Resp: 47122  
Ion Ratio Lower Upper  
113 100  
55 163.8 149.2 189.2  
56 122.3 107.2 147.2



#36  
4-Chloro-3-methylphenol  
Concen: 38.33 ng  
RT: 12.204 min Scan# 1509  
Delta R.T. 0.000 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

Tgt Ion:107 Resp: 146213  
Ion Ratio Lower Upper  
107 100  
144 28.5 22.5 33.7  
142 78.9 70.8 106.2

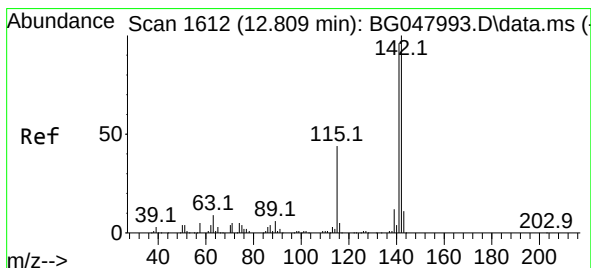
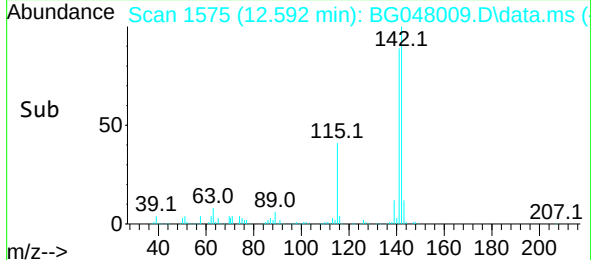
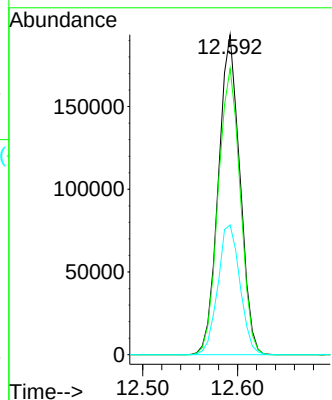
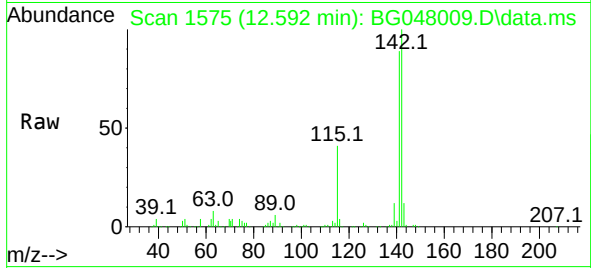




#37  
2-Methylnaphthalene  
Concen: 39.92 ng  
RT: 12.592 min Scan# 1575  
Delta R.T. 0.000 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

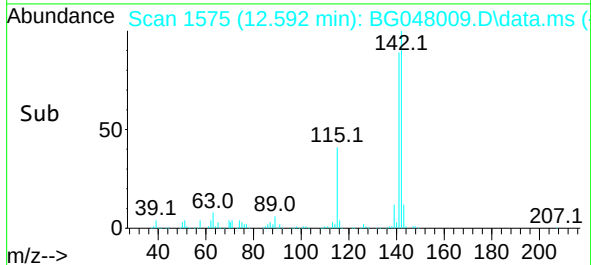
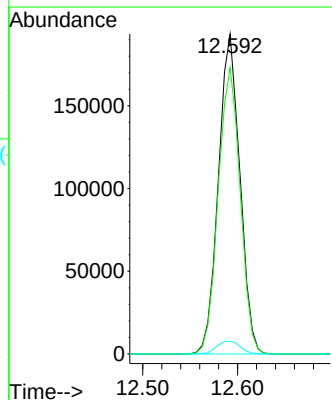
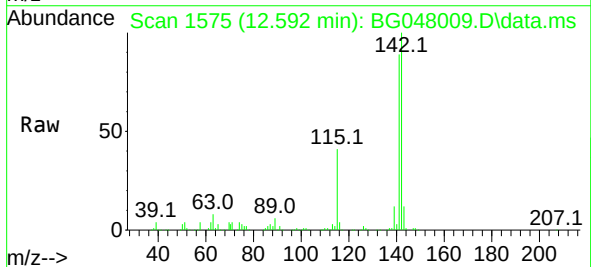
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

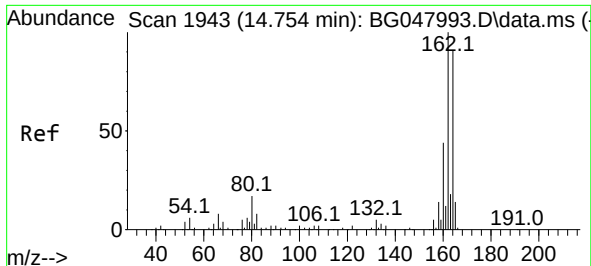
Tgt Ion:142 Resp: 304444  
Ion Ratio Lower Upper  
142 100  
141 89.4 71.6 107.4  
115 40.6 25.4 38.2#



#38  
1-Methylnaphthalene  
Concen: 41.85 ng  
RT: 12.592 min Scan# 1575  
Delta R.T. -0.217 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

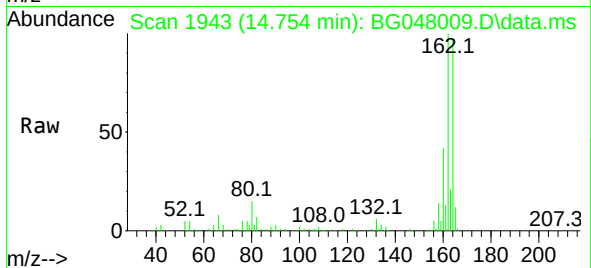
Tgt Ion:142 Resp: 304444  
Ion Ratio Lower Upper  
142 100  
141 89.4 75.4 113.2  
116 4.0 2.9 4.3



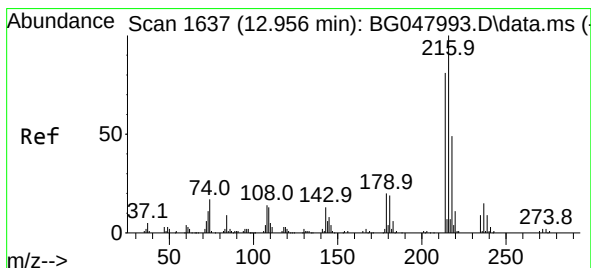
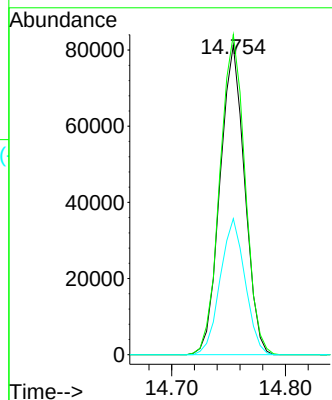
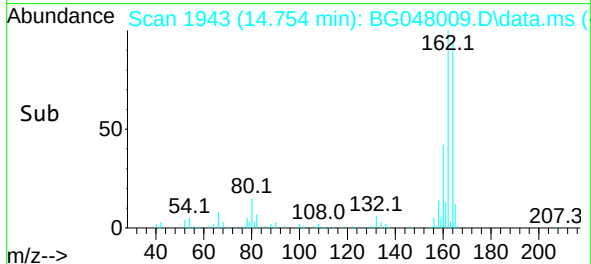


#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.754 min Scan# 1943  
Delta R.T. 0.000 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

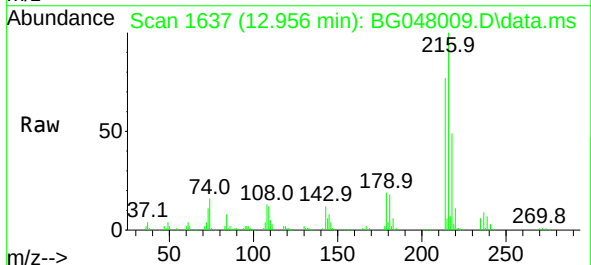
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



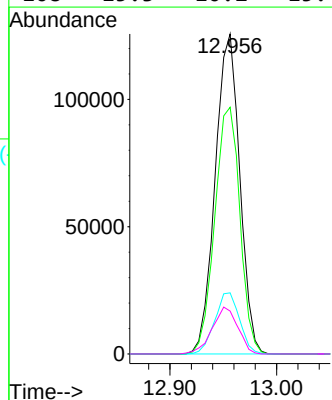
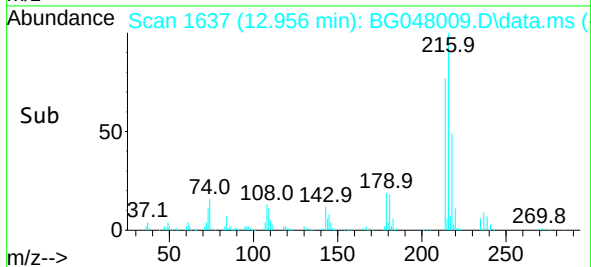
Tgt Ion:164 Resp: 122066  
Ion Ratio Lower Upper  
164 100  
162 103.3 82.3 123.5  
160 43.9 35.3 52.9

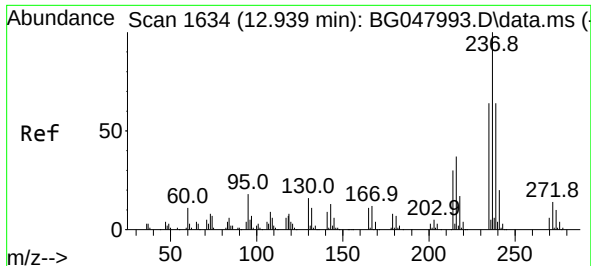


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 43.25 ng  
RT: 12.956 min Scan# 1637  
Delta R.T. 0.000 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28



Tgt Ion:216 Resp: 201261  
Ion Ratio Lower Upper  
216 100  
214 78.8 61.9 92.9  
179 19.3 14.8 22.2  
108 15.3 10.2 15.4

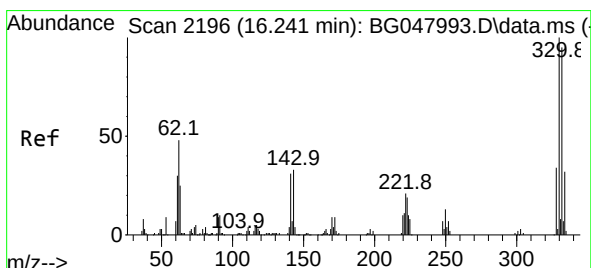
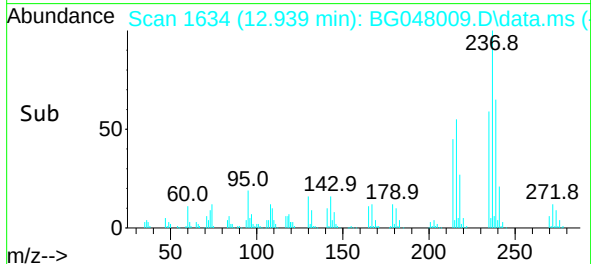
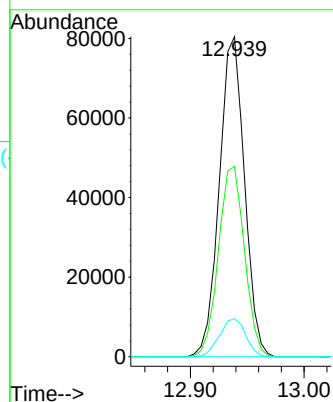
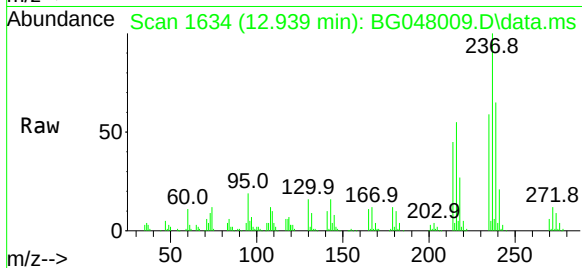




#41  
Hexachlorocyclopentadiene  
Concen: 46.86 ng  
RT: 12.939 min Scan# 1634  
Delta R.T. 0.000 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

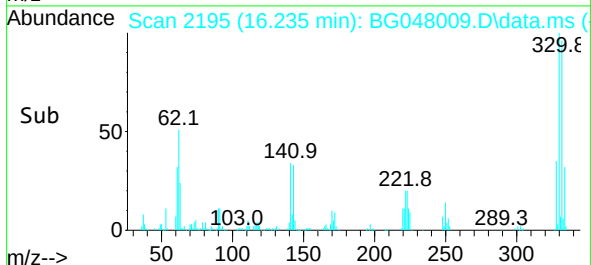
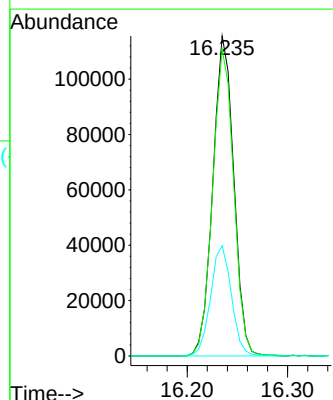
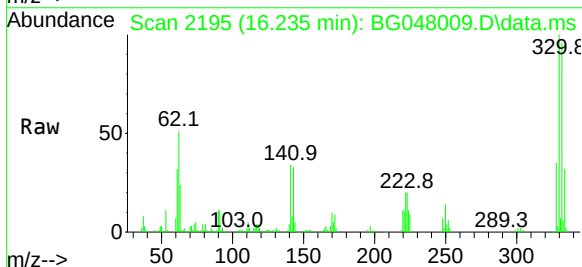
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:237 Resp: 123508  
Ion Ratio Lower Upper  
237 100  
235 59.5 43.1 83.1  
272 11.9 0.0 33.1

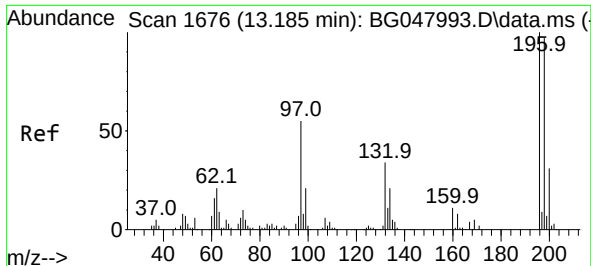


#42  
2,4,6-Tribromophenol  
Concen: 82.28 ng  
RT: 16.235 min Scan# 2195  
Delta R.T. -0.006 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

Tgt Ion:330 Resp: 167280  
Ion Ratio Lower Upper  
330 100  
332 96.5 76.5 114.7  
141 34.4 26.0 39.0



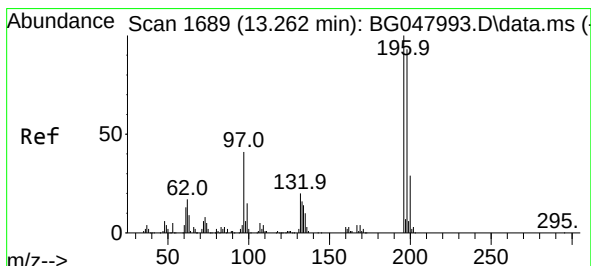
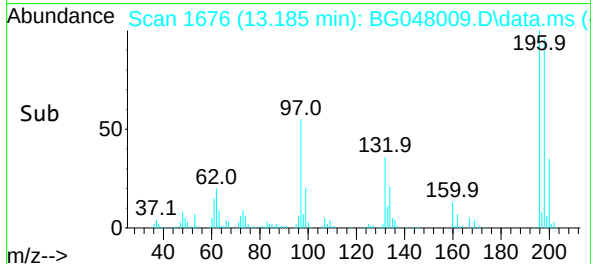
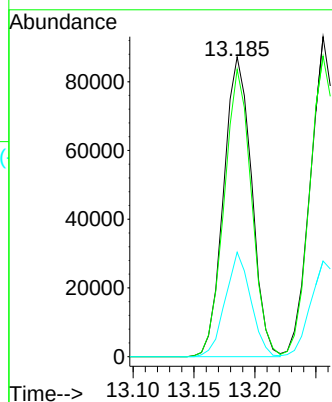
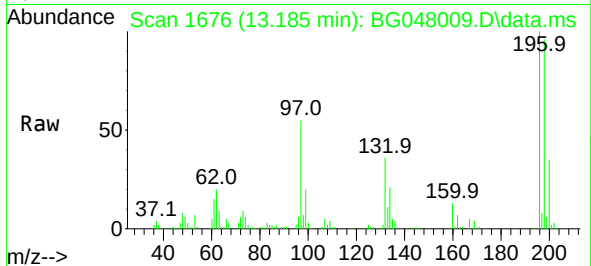




#43  
2,4,6-Trichlorophenol  
Concen: 43.03 ng  
RT: 13.185 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

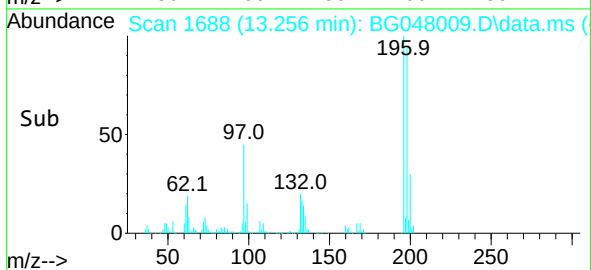
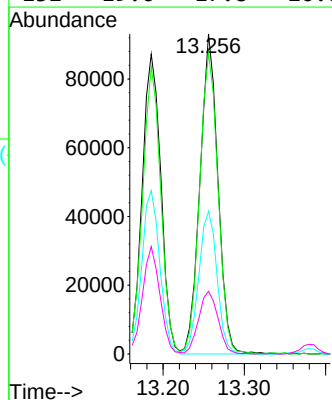
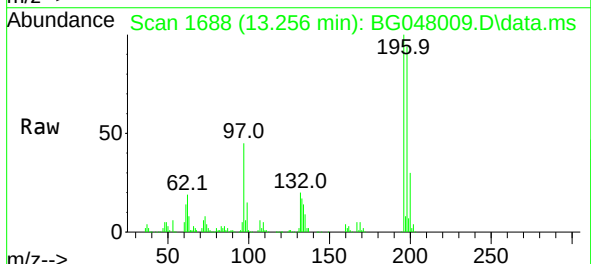
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

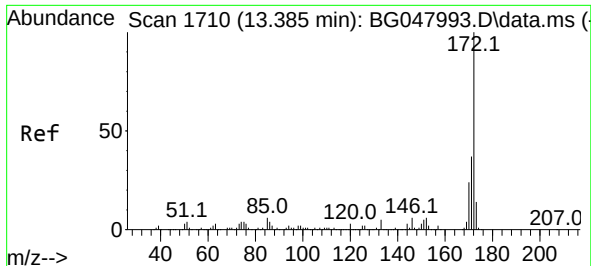
Tgt Ion:196 Resp: 139664  
Ion Ratio Lower Upper  
196 100  
198 95.8 74.9 112.3  
200 34.8 25.3 37.9



#44  
2,4,5-Trichlorophenol  
Concen: 42.61 ng  
RT: 13.256 min Scan# 1688  
Delta R.T. -0.006 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

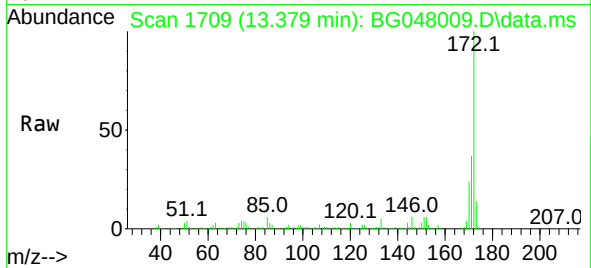
Tgt Ion:196 Resp: 143323  
Ion Ratio Lower Upper  
196 100  
198 94.0 77.6 116.4  
97 44.6 28.6 43.0#  
132 19.6 17.8 26.8



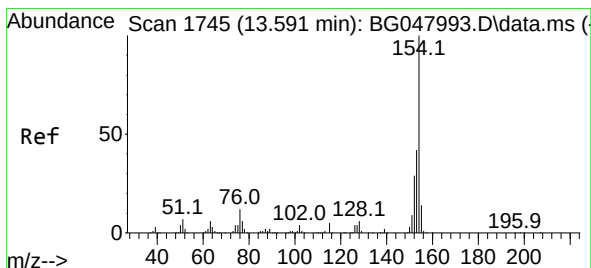
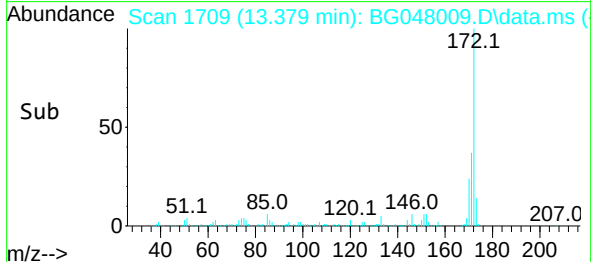
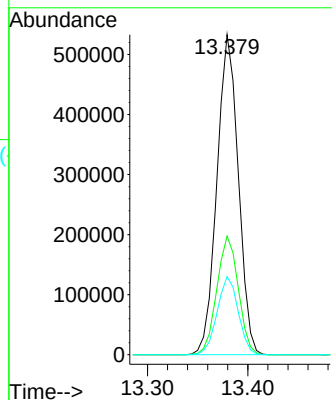


#45  
2-Fluorobiphenyl  
Concen: 83.39 ng  
RT: 13.379 min Scan# 1709  
Delta R.T. -0.006 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

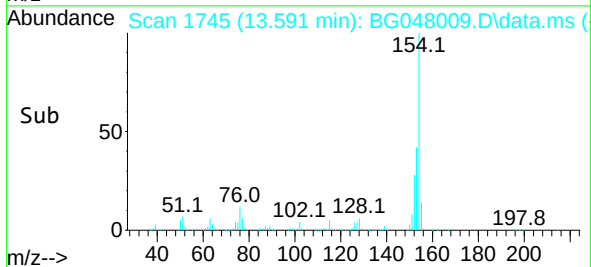
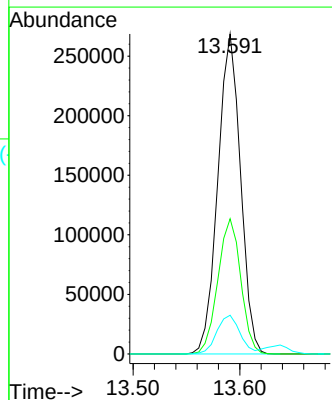
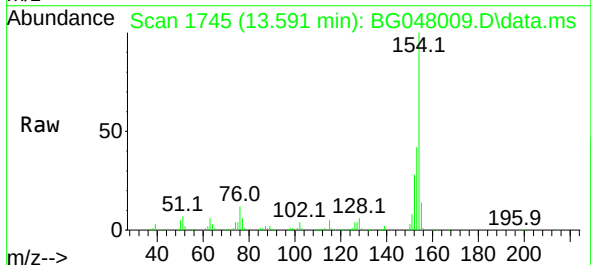


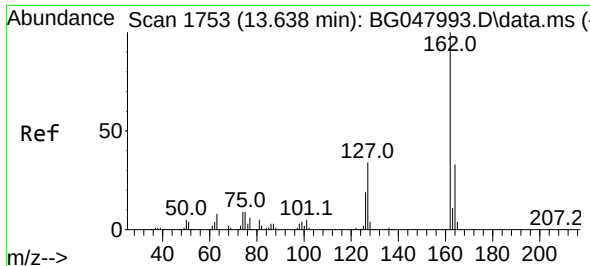
Tgt Ion:172 Resp: 787303  
Ion Ratio Lower Upper  
172 100  
171 37.1 31.3 46.9  
170 24.4 20.8 31.2



#46  
1,1'-Biphenyl  
Concen: 41.99 ng  
RT: 13.591 min Scan# 1745  
Delta R.T. 0.000 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

Tgt Ion:154 Resp: 396209  
Ion Ratio Lower Upper  
154 100  
153 42.2 22.6 62.6  
76 12.1 0.0 32.6

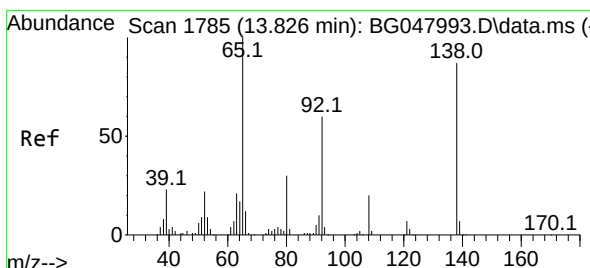
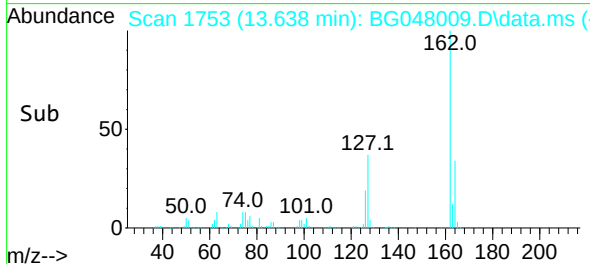
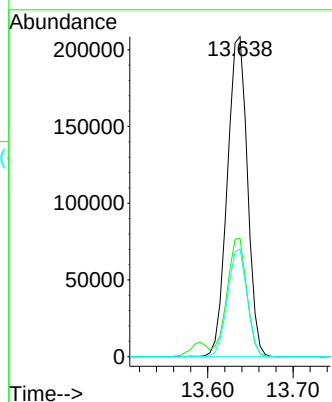
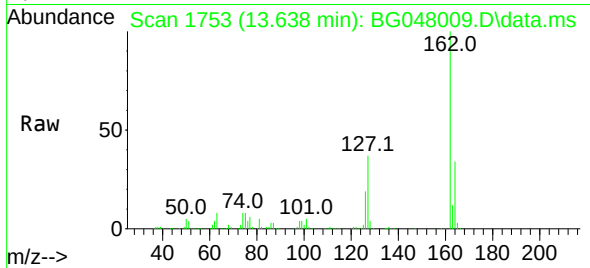




#47  
2-Chloronaphthalene  
Concen: 41.61 ng  
RT: 13.638 min Scan# 1753  
Delta R.T. 0.000 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

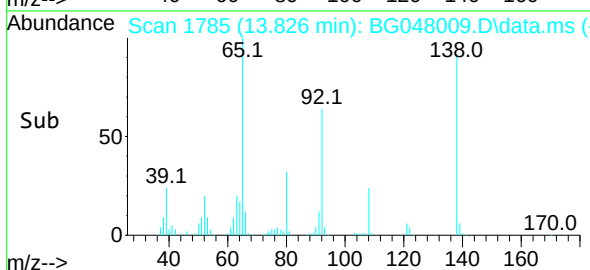
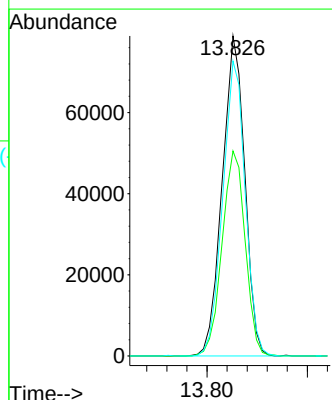
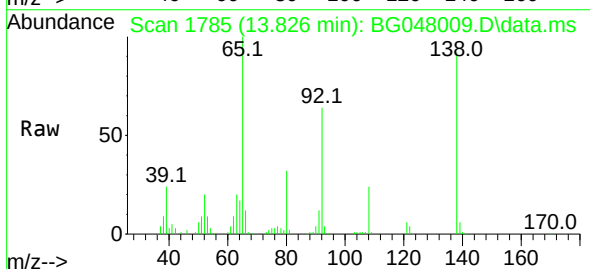
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

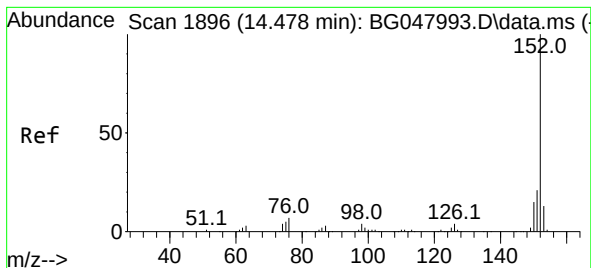
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 341697 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 37.0  | 27.8  | 41.6   |
| 164       | 33.7  | 27.0  | 40.4   |



#48  
2-Nitroaniline  
Concen: 41.17 ng  
RT: 13.826 min Scan# 1785  
Delta R.T. 0.000 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 65    | Resp: | 122729 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 64.0  | 58.6  | 88.0   |
| 138       | 92.2  | 98.2  | 147.4# |

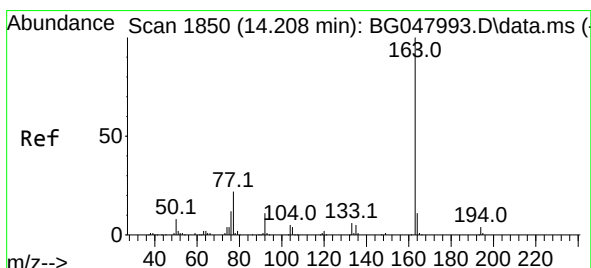
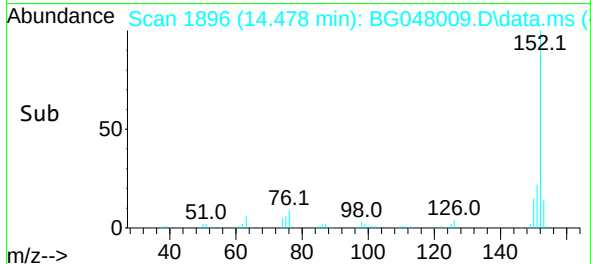
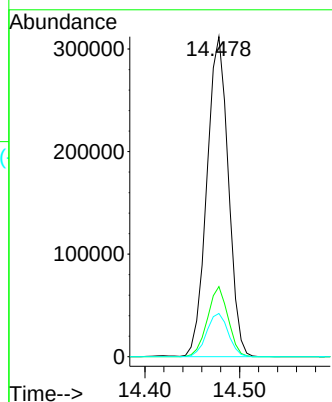
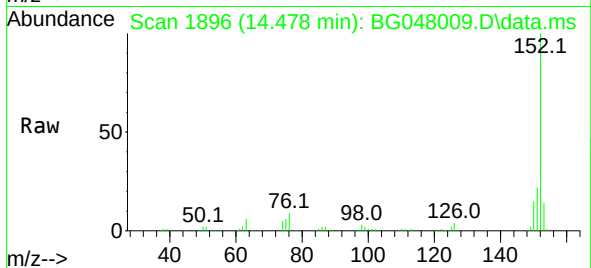




#49  
Acenaphthylene  
Concen: 40.34 ng  
RT: 14.478 min Scan# 1896  
Delta R.T. 0.000 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

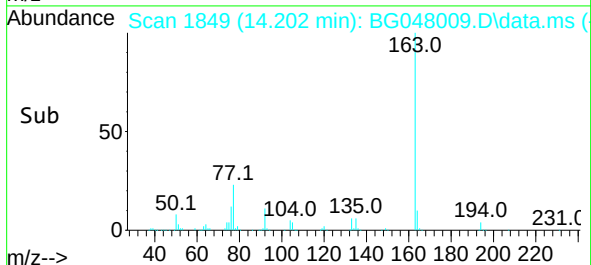
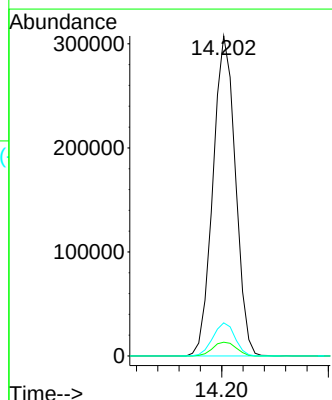
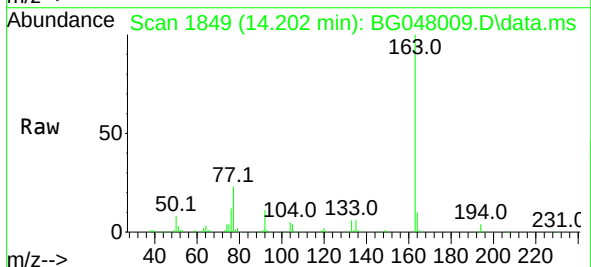
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

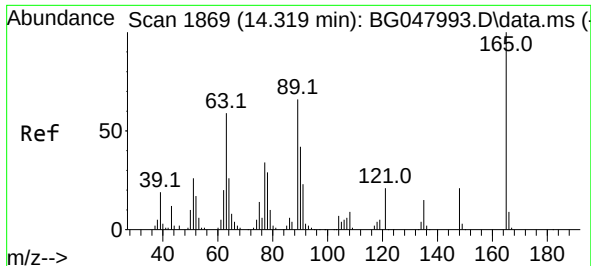
Tgt Ion:152 Resp: 488941  
Ion Ratio Lower Upper  
152 100  
151 21.9 17.4 26.0  
153 13.5 11.5 17.3



#50  
Dimethylphthalate  
Concen: 40.65 ng  
RT: 14.202 min Scan# 1849  
Delta R.T. -0.006 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

Tgt Ion:163 Resp: 449116  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.8 5.8  
164 10.3 8.8 13.2

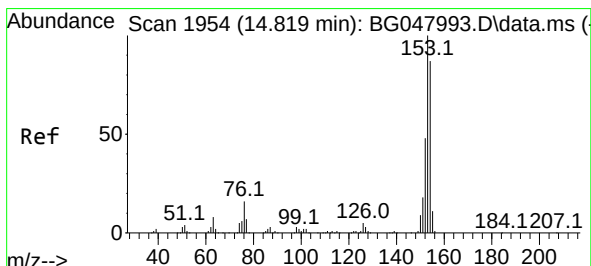
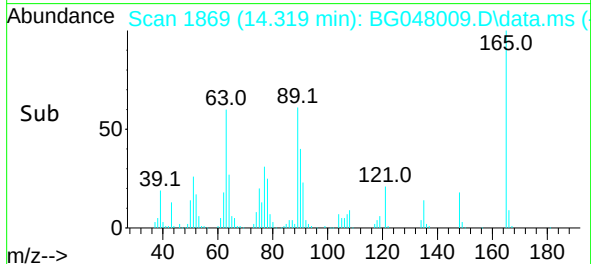
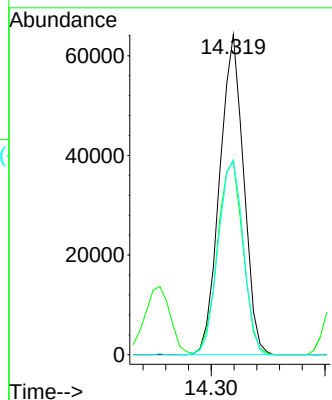
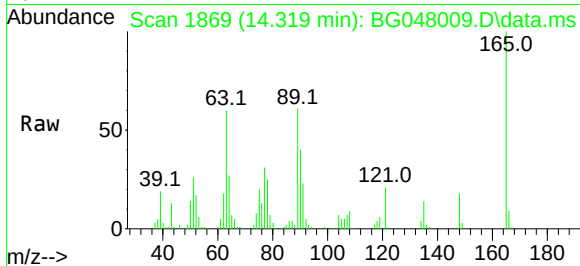




#51  
2,6-Dinitrotoluene  
Concen: 40.90 ng  
RT: 14.319 min Scan# 1869  
Delta R.T. 0.000 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

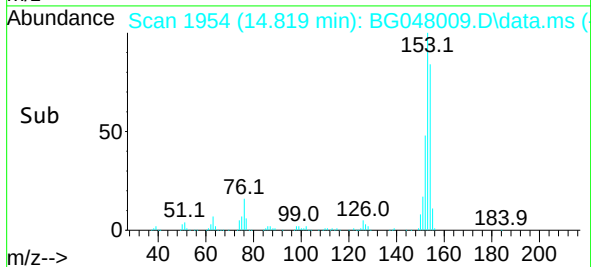
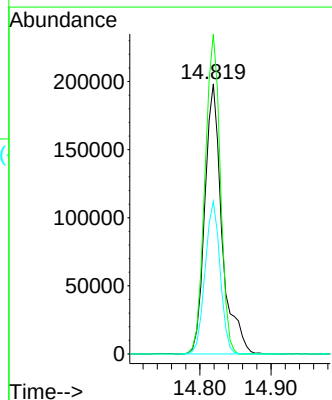
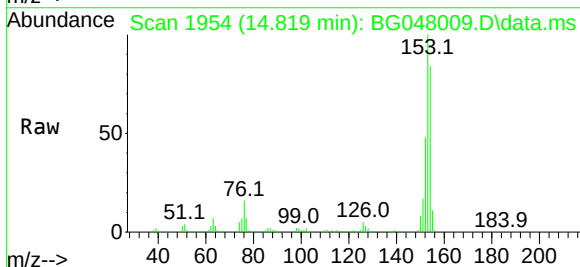
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

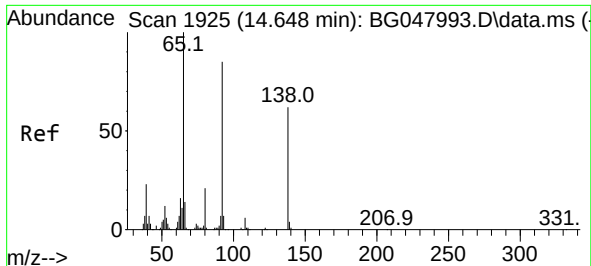
Tgt Ion:165 Resp: 93934  
Ion Ratio Lower Upper  
165 100  
63 60.3 33.7 50.5#  
89 60.9 36.6 54.8#



#52  
Acenaphthene  
Concen: 40.76 ng  
RT: 14.819 min Scan# 1954  
Delta R.T. 0.000 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

Tgt Ion:154 Resp: 334461  
Ion Ratio Lower Upper  
154 100  
153 118.5 90.3 135.5  
152 56.4 43.8 65.8

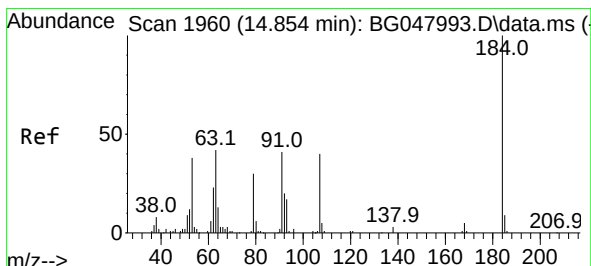
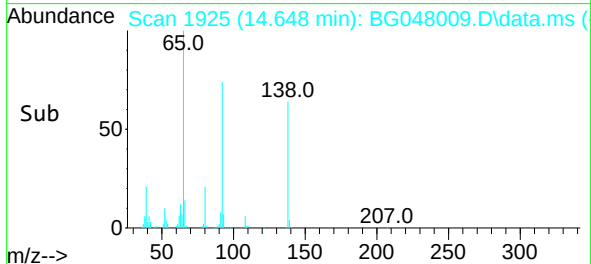
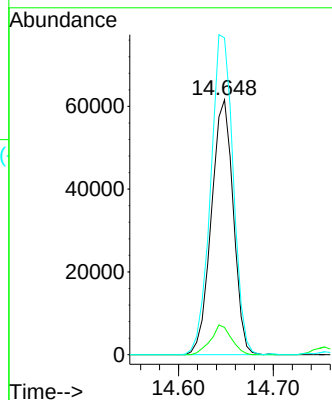
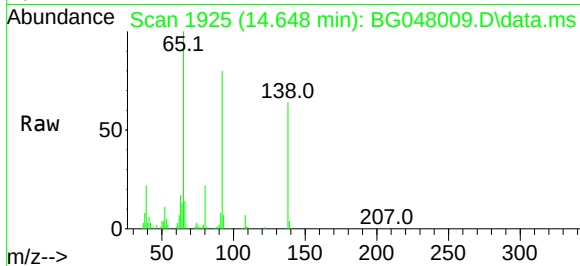




#53  
3-Nitroaniline  
Concen: 39.18 ng  
RT: 14.648 min Scan# 1925  
Delta R.T. 0.000 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

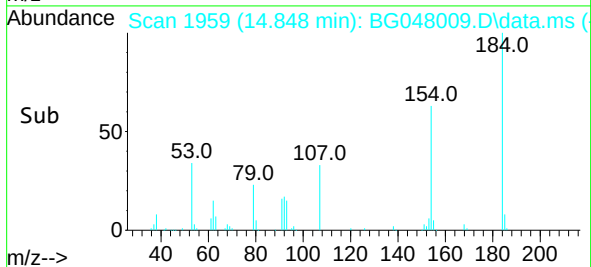
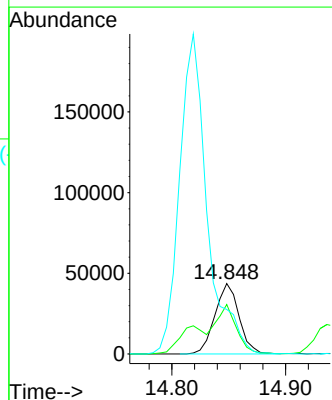
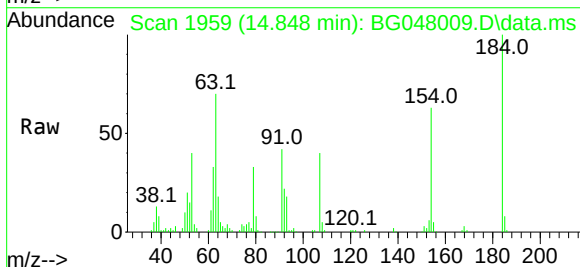
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

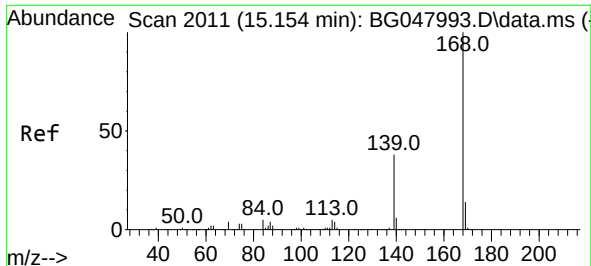
Tgt Ion:138 Resp: 98701  
Ion Ratio Lower Upper  
138 100  
108 10.7 7.4 11.0  
92 124.3 85.2 127.8



#54  
2,4-Dinitrophenol  
Concen: 44.65 ng  
RT: 14.848 min Scan# 1959  
Delta R.T. -0.006 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

Tgt Ion:184 Resp: 64126  
Ion Ratio Lower Upper  
184 100  
63 70.3 32.3 48.5#  
154 63.1 40.4 60.6#

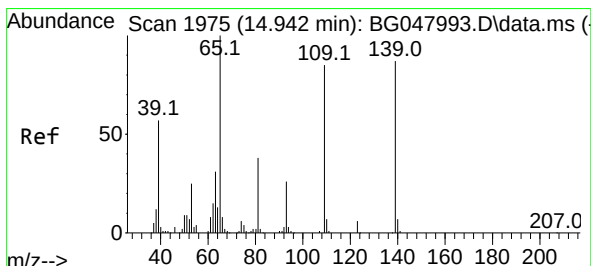
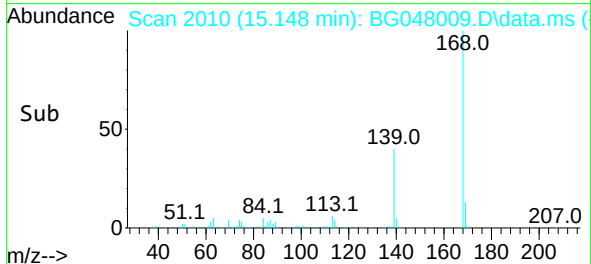
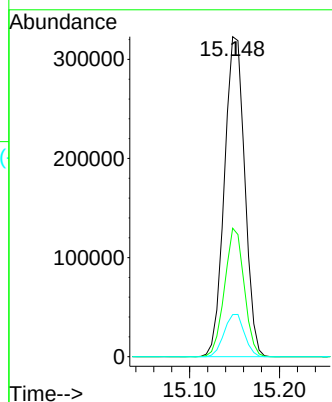
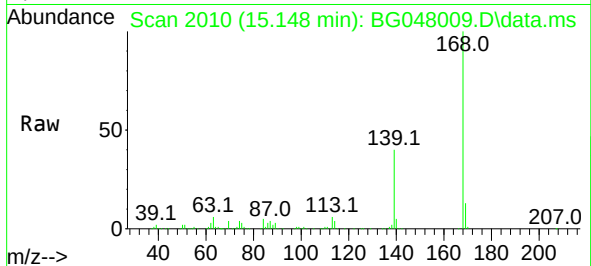




#55  
Dibenzenofuran  
Concen: 40.78 ng  
RT: 15.148 min Scan# 2010  
Delta R.T. -0.006 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

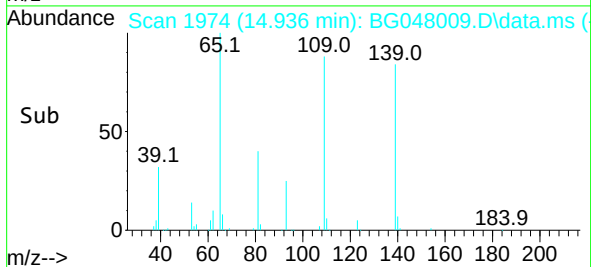
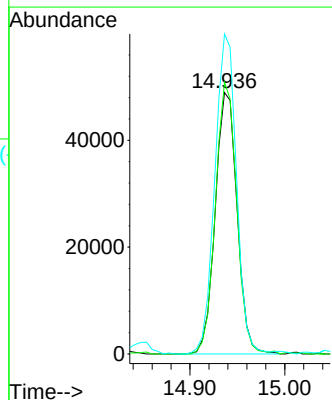
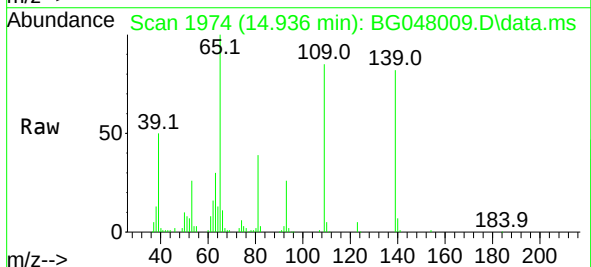
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

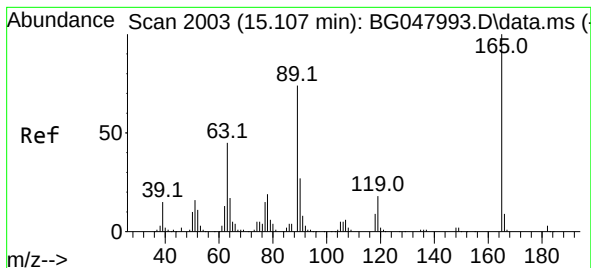
Tgt Ion:168 Resp: 507569  
Ion Ratio Lower Upper  
168 100  
139 40.2 28.6 43.0  
169 13.1 11.0 16.6



#56  
4-Nitrophenol  
Concen: 39.90 ng  
RT: 14.936 min Scan# 1974  
Delta R.T. -0.006 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

Tgt Ion:139 Resp: 78438  
Ion Ratio Lower Upper  
139 100  
109 103.9 45.9 85.9#  
65 122.4 65.4 105.4#

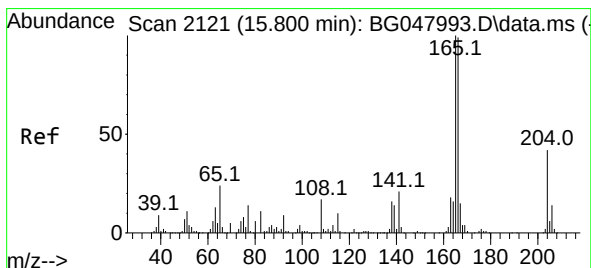
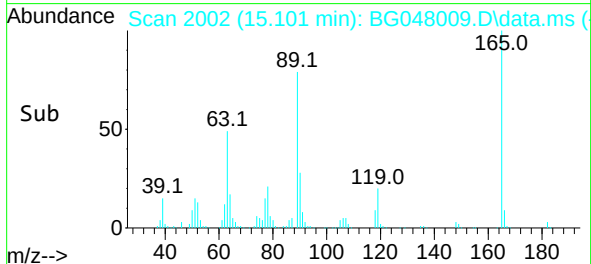
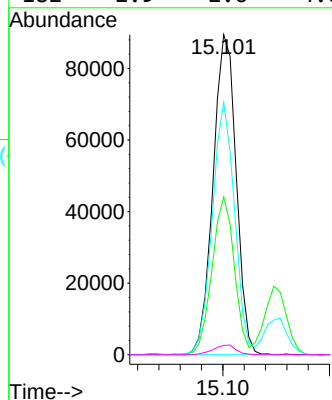
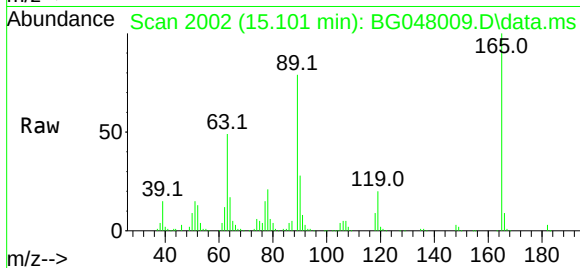




#57  
2,4-Dinitrotoluene  
Concen: 40.47 ng  
RT: 15.101 min Scan# 2002  
Delta R.T. -0.006 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

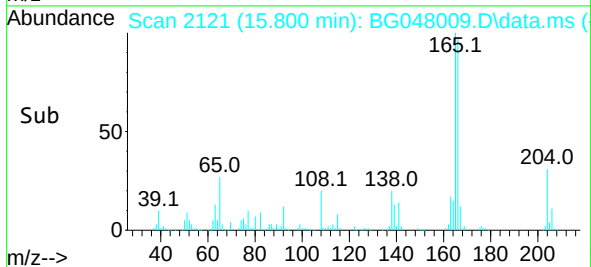
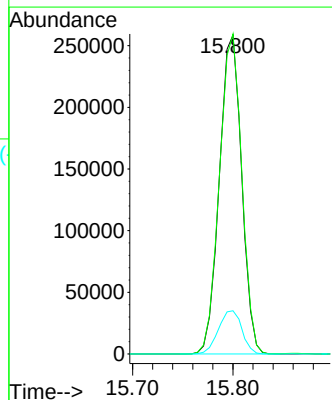
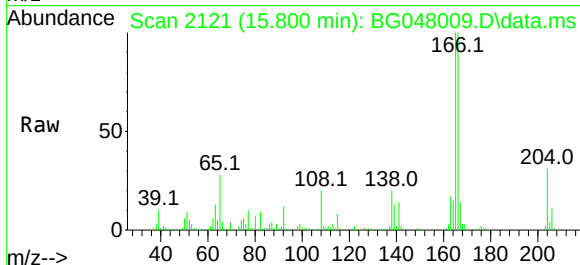
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:165 Resp: 134248  
Ion Ratio Lower Upper  
165 100  
63 49.3 26.4 39.6#  
89 78.8 47.8 71.8#  
182 2.9 2.6 4.0

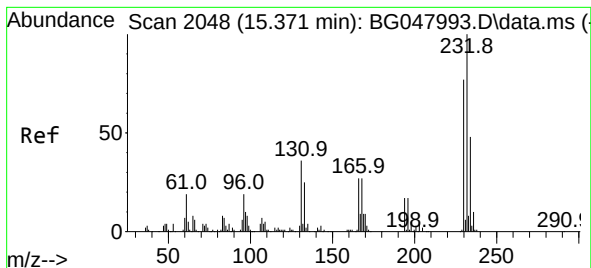


#58  
Fluorene  
Concen: 39.74 ng  
RT: 15.800 min Scan# 2121  
Delta R.T. 0.000 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

Tgt Ion:166 Resp: 397673  
Ion Ratio Lower Upper  
166 100  
165 100.3 77.2 115.8  
167 13.6 11.4 17.2





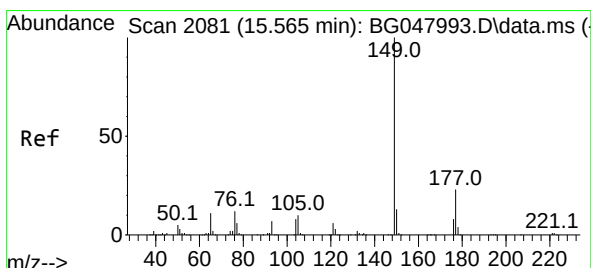
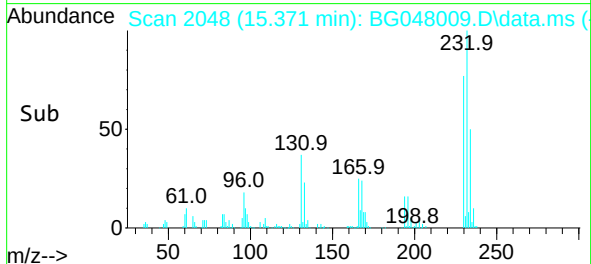
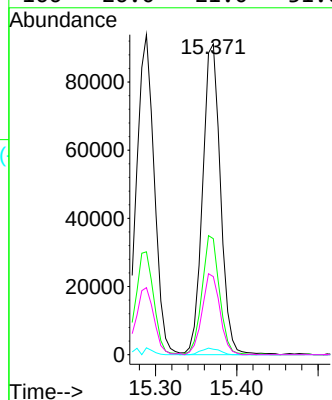
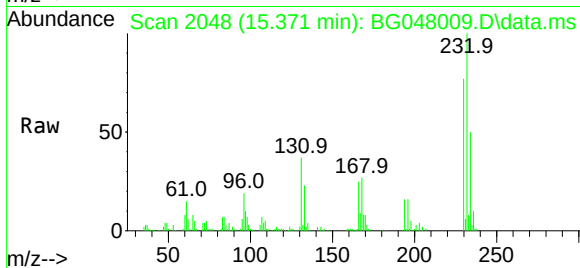


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 41.48 ng  
RT: 15.371 min Scan# 2048  
Delta R.T. 0.000 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:232 Resp: 139509

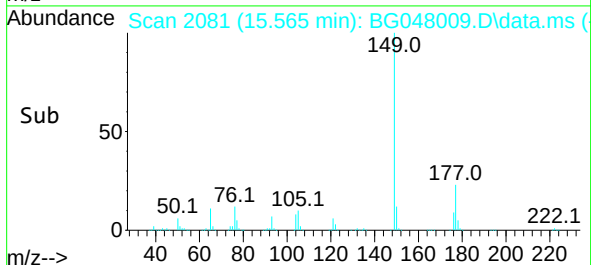
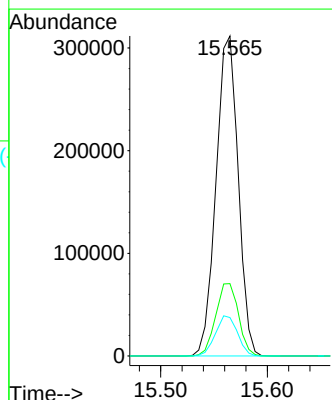
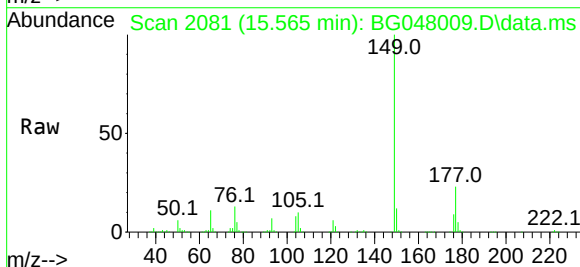
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 232 | 100   |       |       |
| 131 | 37.4  | 26.6  | 40.0  |
| 130 | 2.2   | 1.4   | 2.0#  |
| 166 | 26.0  | 21.0  | 31.6  |

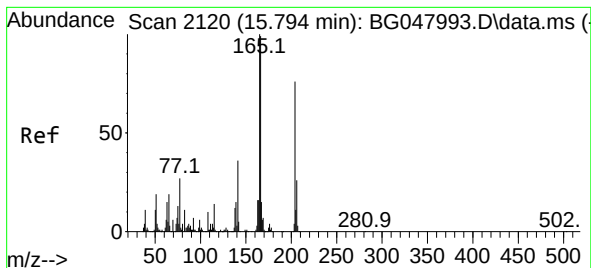


#60  
Diethylphthalate  
Concen: 39.50 ng  
RT: 15.565 min Scan# 2081  
Delta R.T. 0.000 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

Tgt Ion:149 Resp: 448660

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 177 | 22.6  | 21.4  | 32.2  |
| 150 | 12.0  | 10.7  | 16.1  |

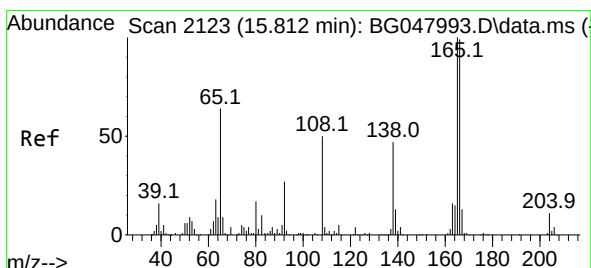
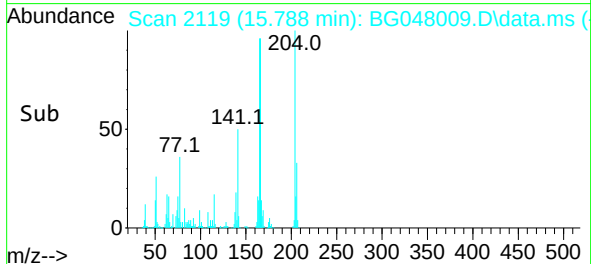
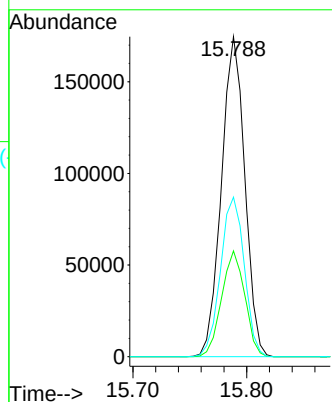
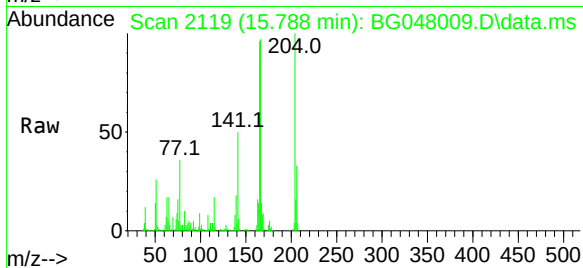




#61  
4-Chlorophenyl-phenylether  
Concen: 40.68 ng  
RT: 15.788 min Scan# 2119  
Delta R.T. -0.006 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

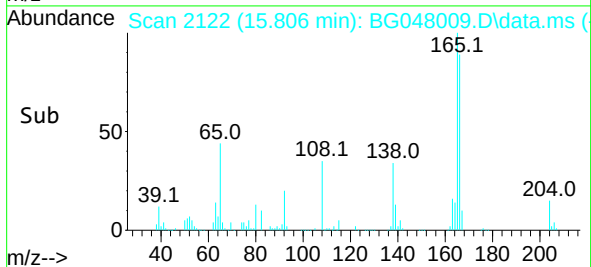
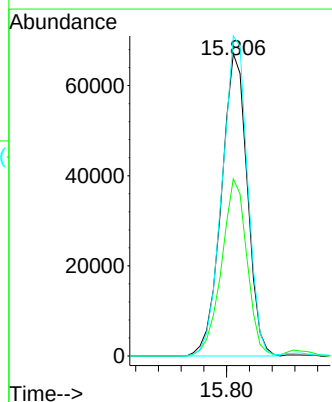
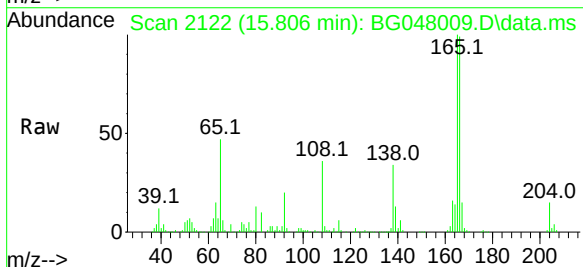
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

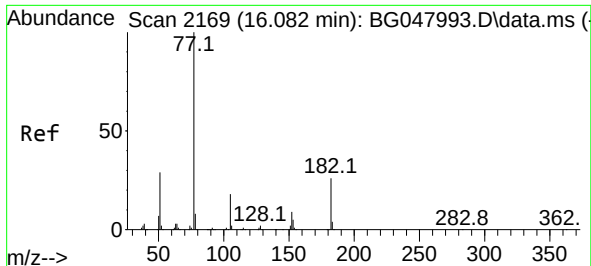
Tgt Ion:204 Resp: 249259  
Ion Ratio Lower Upper  
204 100  
206 33.0 27.8 41.8  
141 49.8 41.5 62.3



#62  
4-Nitroaniline  
Concen: 38.71 ng  
RT: 15.806 min Scan# 2122  
Delta R.T. -0.006 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

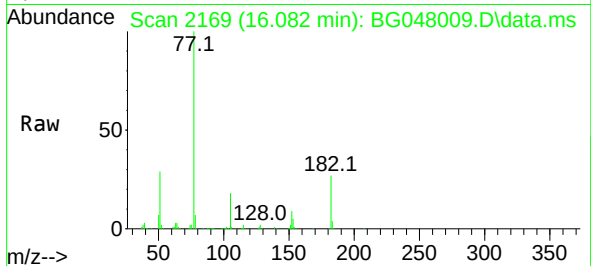
Tgt Ion:138 Resp: 106230  
Ion Ratio Lower Upper  
138 100  
92 58.6 26.9 66.9  
108 105.9 49.4 89.4#



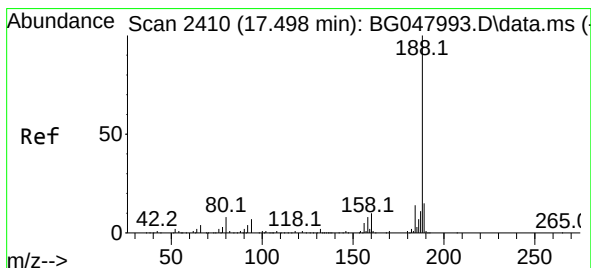
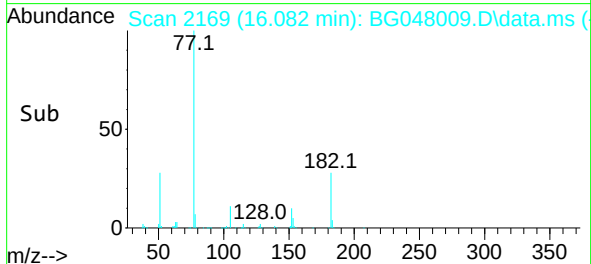
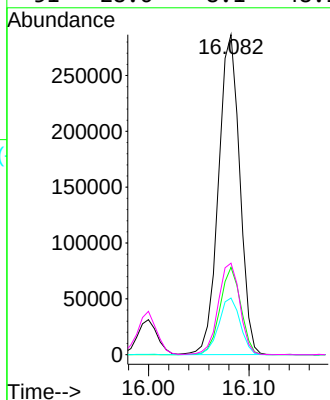


#63  
Azobenzene  
Concen: 39.36 ng  
RT: 16.082 min Scan# 2169  
Delta R.T. 0.000 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

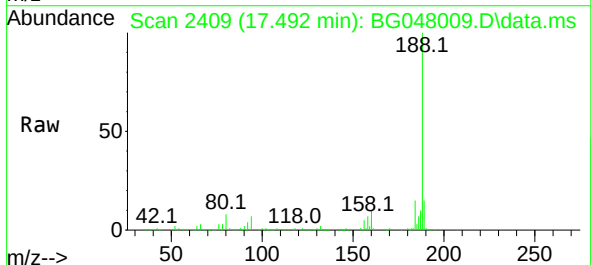
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



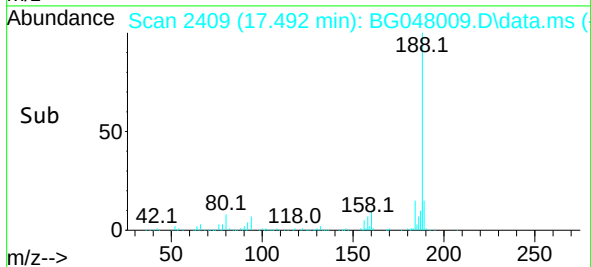
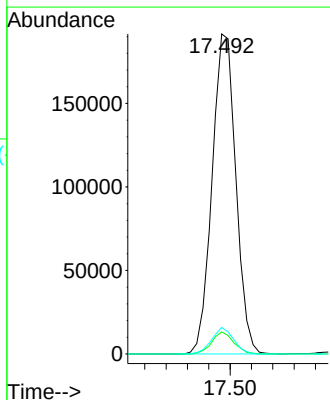
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 420792 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 27.3    | 14.0 54.0    |
| 105 17.7    | 3.0 43.0     |
| 51 28.6     | 8.1 48.1     |

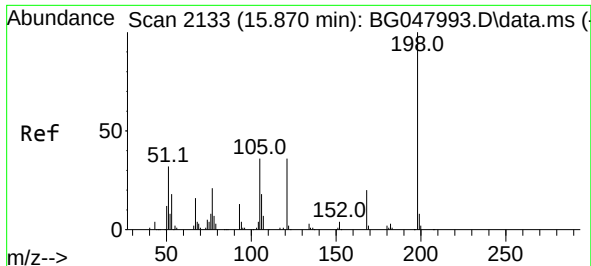


#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.492 min Scan# 2409  
Delta R.T. -0.006 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28



|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 295766 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 6.9      | 6.3 9.5      |
| 80 8.3      | 7.0 10.6     |

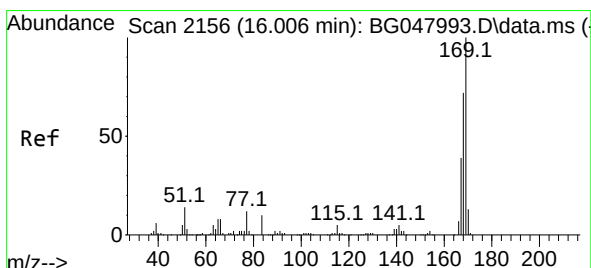
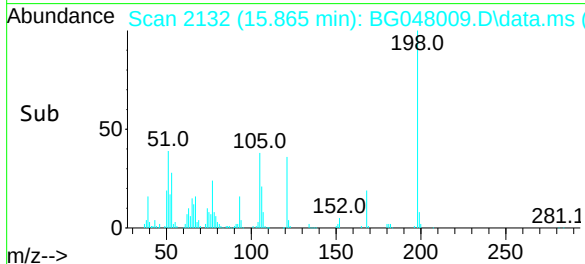
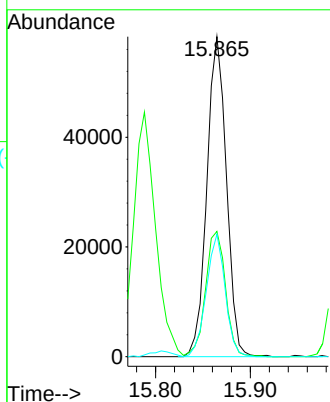
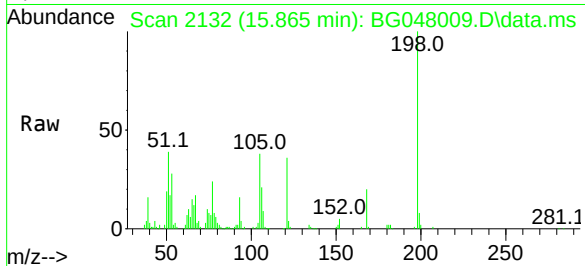




#65  
4,6-Dinitro-2-methylphenol  
Concen: 43.65 ng  
RT: 15.865 min Scan# 2132  
Delta R.T. -0.006 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

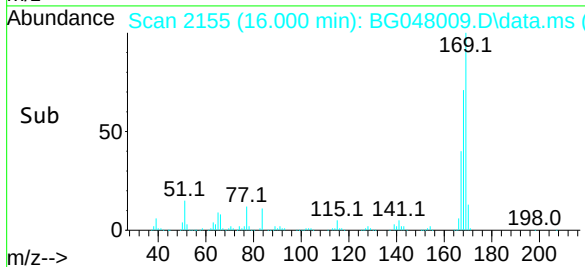
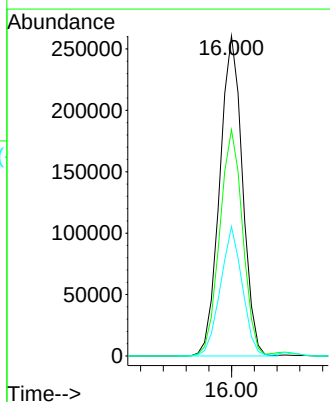
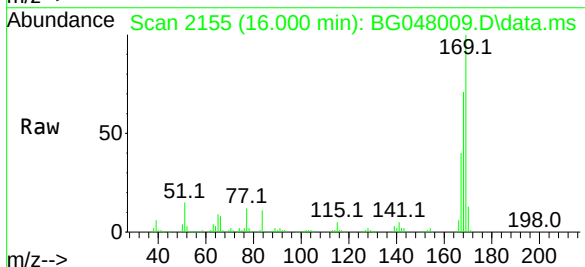
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

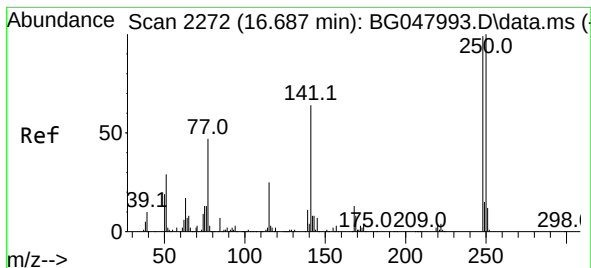
Tgt Ion:198 Resp: 83313  
Ion Ratio Lower Upper  
198 100  
51 39.2 10.4 50.4  
105 38.2 12.9 52.9



#66  
n-Nitrosodiphenylamine  
Concen: 40.76 ng  
RT: 16.000 min Scan# 2155  
Delta R.T. -0.006 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

Tgt Ion:169 Resp: 362269  
Ion Ratio Lower Upper  
169 100  
168 70.7 55.5 83.3  
167 40.4 30.5 45.7

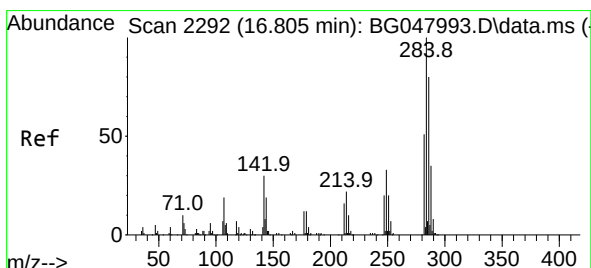
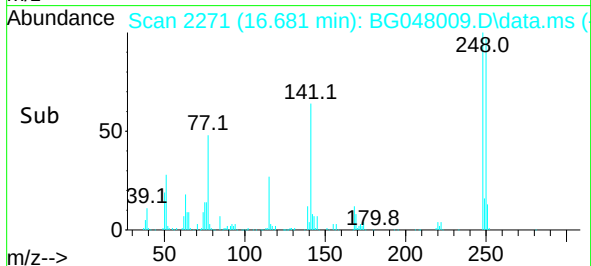
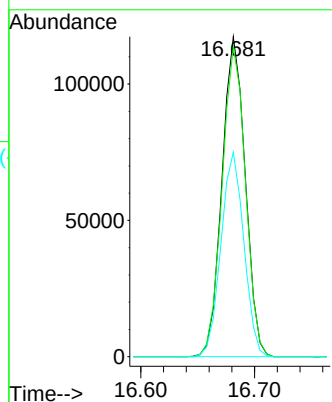
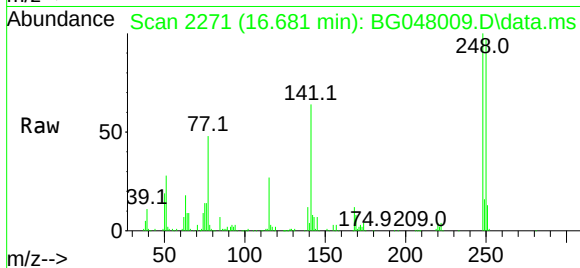




#67  
4-Bromophenyl-phenylether  
Concen: 42.08 ng  
RT: 16.681 min Scan# 2271  
Delta R.T. -0.006 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

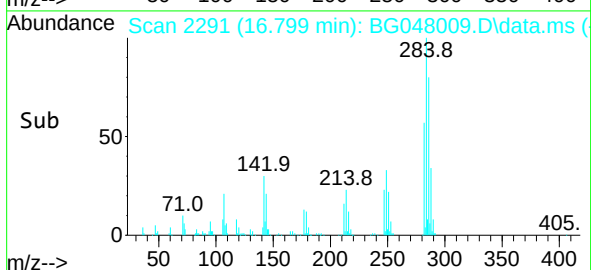
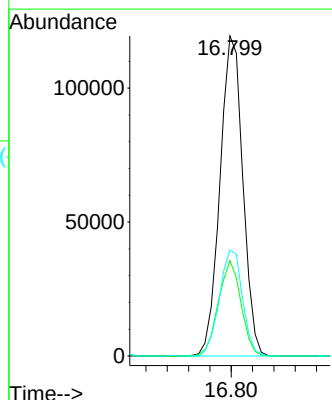
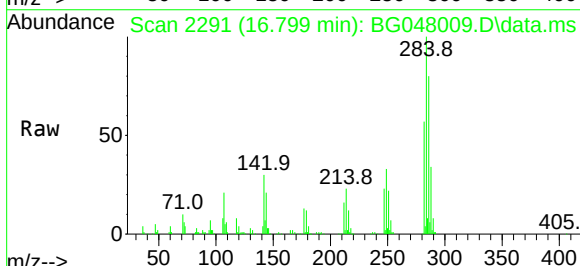
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

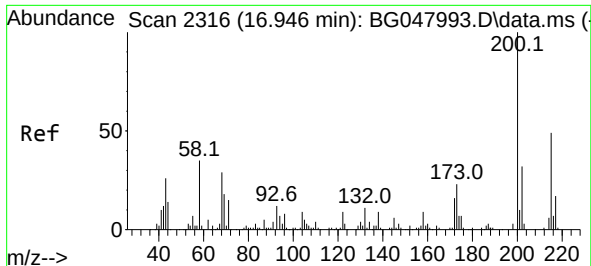
Tgt Ion:248 Resp: 166301  
Ion Ratio Lower Upper  
248 100  
250 96.9 78.9 118.3  
141 63.9 46.2 69.4



#68  
Hexachlorobenzene  
Concen: 41.23 ng  
RT: 16.799 min Scan# 2291  
Delta R.T. -0.006 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

Tgt Ion:284 Resp: 177185  
Ion Ratio Lower Upper  
284 100  
142 29.8 21.1 31.7  
249 33.1 25.9 38.9

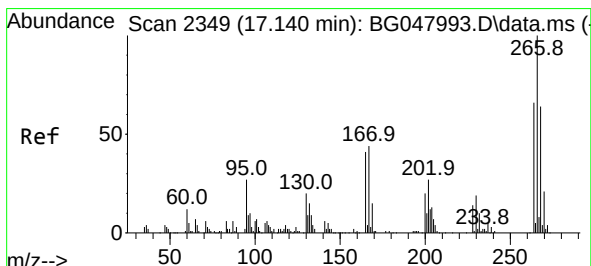
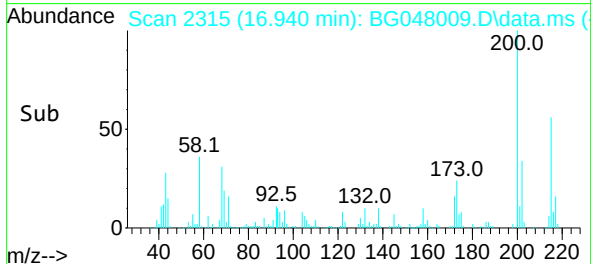
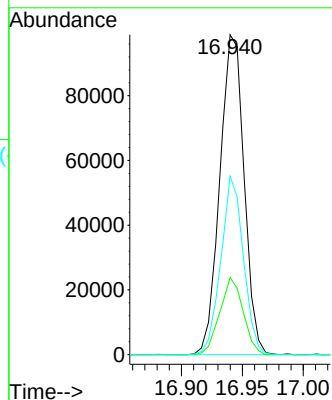
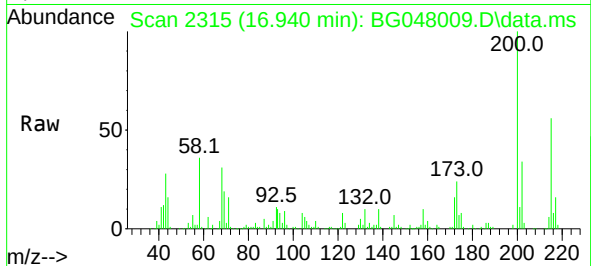




#69  
Atrazine  
Concen: 40.54 ng  
RT: 16.940 min Scan# 2315  
Delta R.T. -0.006 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

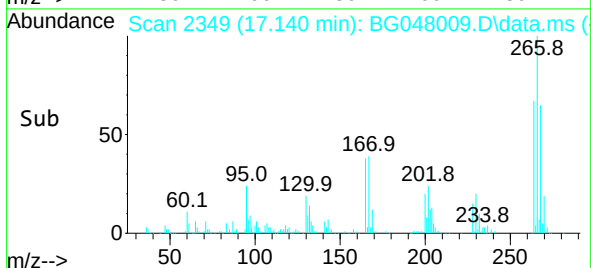
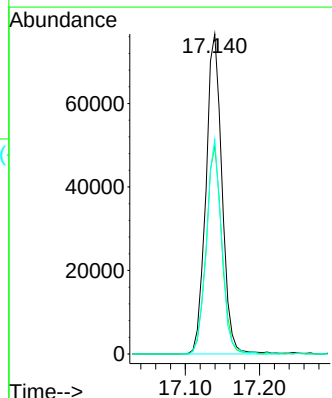
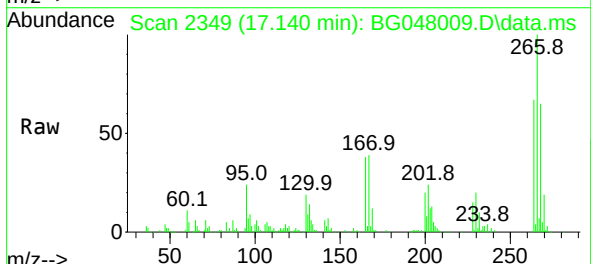
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

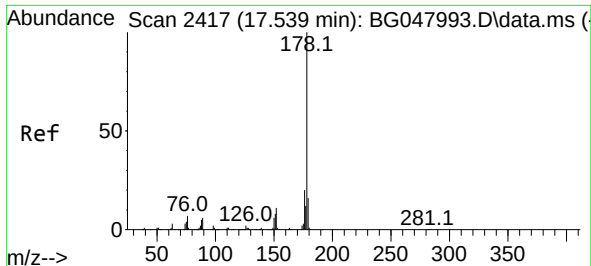
Tgt Ion:200 Resp: 136866  
Ion Ratio Lower Upper  
200 100  
173 24.1 4.2 44.2  
215 55.8 30.0 70.0



#70  
Pentachlorophenol  
Concen: 44.09 ng  
RT: 17.140 min Scan# 2349  
Delta R.T. 0.000 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

Tgt Ion:266 Resp: 115062  
Ion Ratio Lower Upper  
266 100  
268 64.8 49.8 74.6  
264 67.0 49.3 73.9

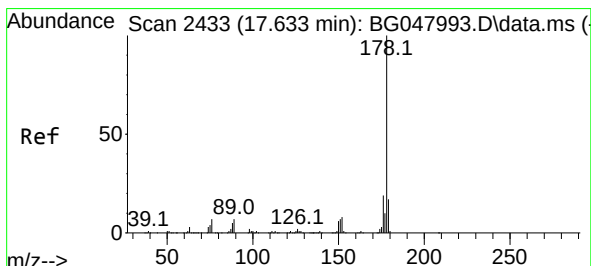
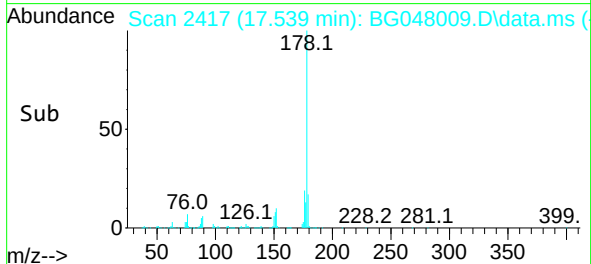
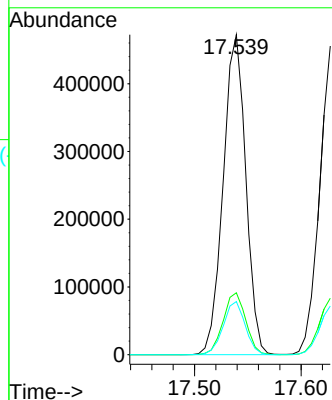
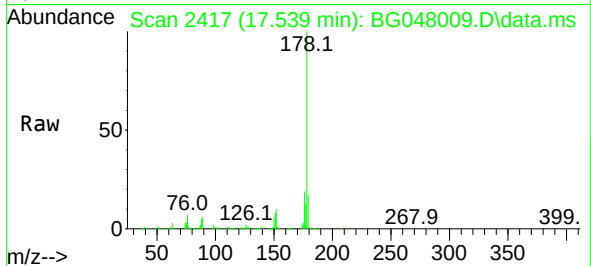




#71  
Phenanthrene  
Concen: 40.67 ng  
RT: 17.539 min Scan# 2417  
Delta R.T. 0.000 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

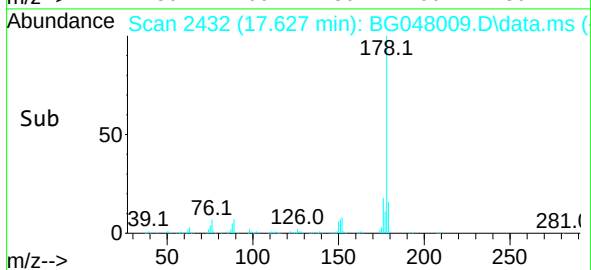
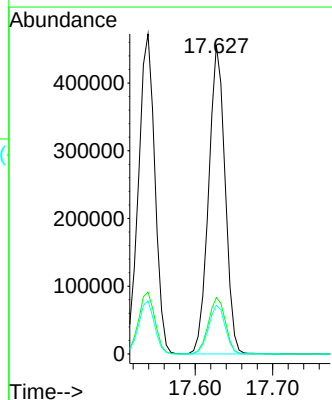
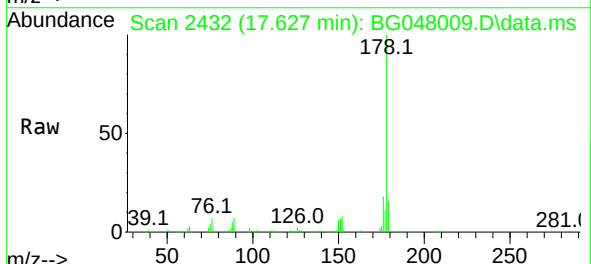
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

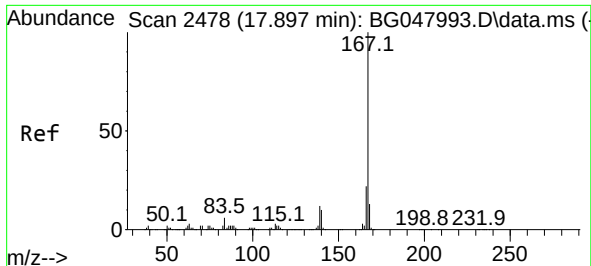
Tgt Ion:178 Resp: 694029  
Ion Ratio Lower Upper  
178 100  
176 19.3 16.7 25.1  
179 16.6 14.0 21.0



#72  
Anthracene  
Concen: 40.07 ng  
RT: 17.627 min Scan# 2432  
Delta R.T. -0.006 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

Tgt Ion:178 Resp: 672422  
Ion Ratio Lower Upper  
178 100  
176 18.3 16.4 24.6  
179 15.7 13.8 20.6

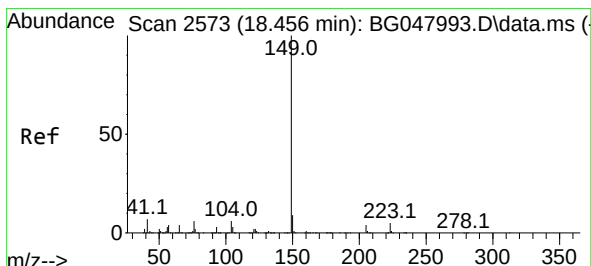
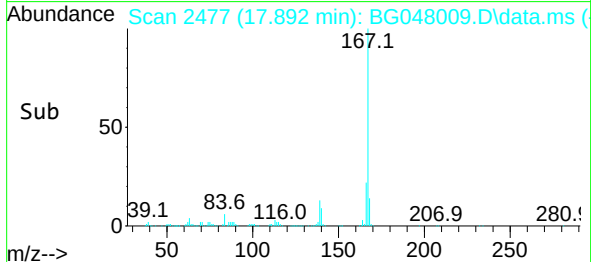
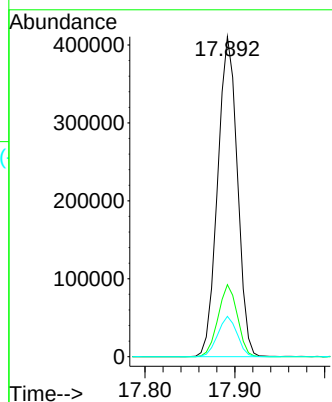
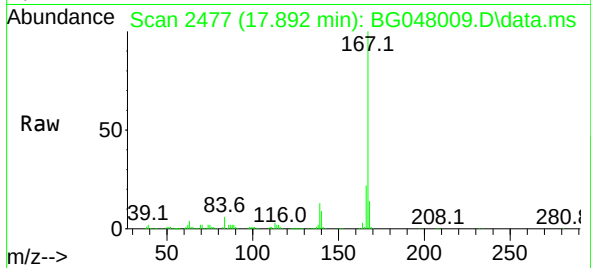




#73  
Carbazole  
Concen: 39.95 ng  
RT: 17.892 min Scan# 2477  
Delta R.T. -0.006 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

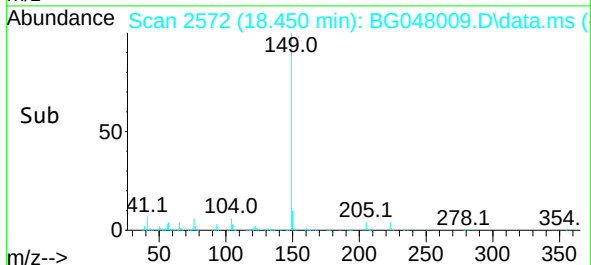
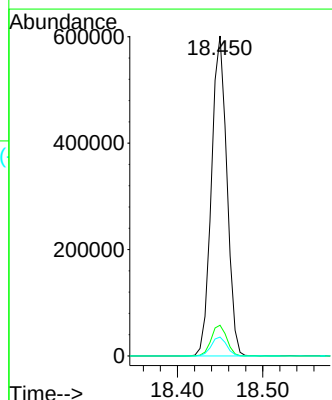
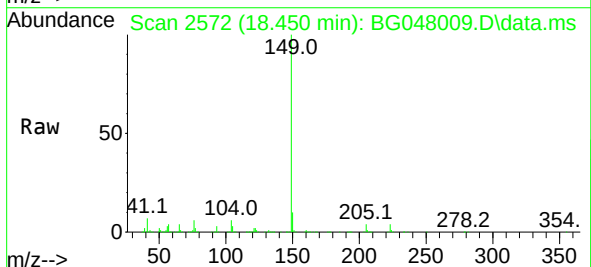
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:167 Resp: 625667  
Ion Ratio Lower Upper  
167 100  
166 22.5 18.7 28.1  
139 12.6 9.6 14.4

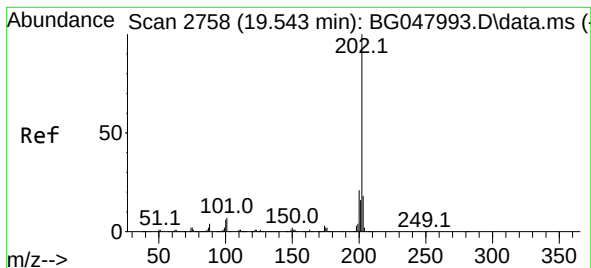


#74  
Di-n-butylphthalate  
Concen: 39.52 ng  
RT: 18.450 min Scan# 2572  
Delta R.T. -0.006 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

Tgt Ion:149 Resp: 755896  
Ion Ratio Lower Upper  
149 100  
150 9.6 8.2 12.4  
104 5.9 3.8 5.8#



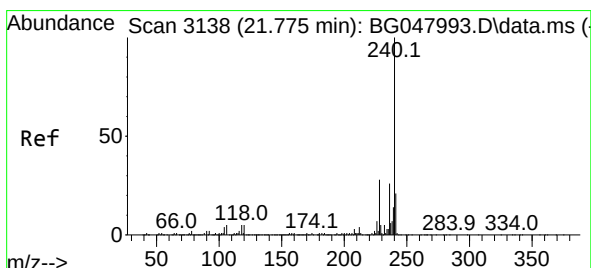
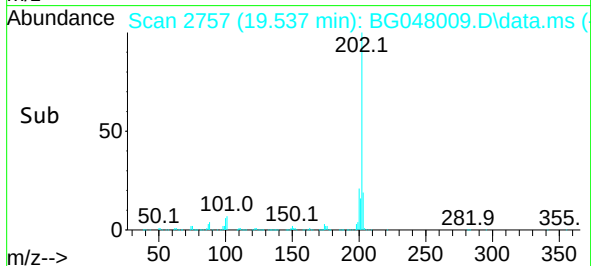
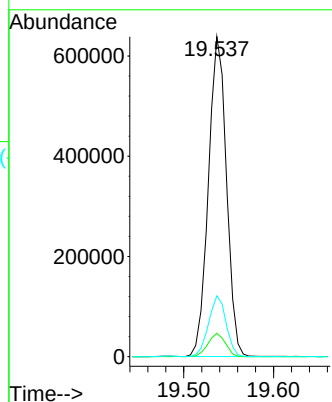
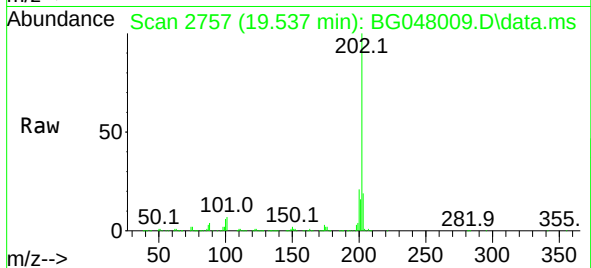




#75  
Fluoranthene  
Concen: 39.77 ng  
RT: 19.537 min Scan# 2757  
Delta R.T. -0.006 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

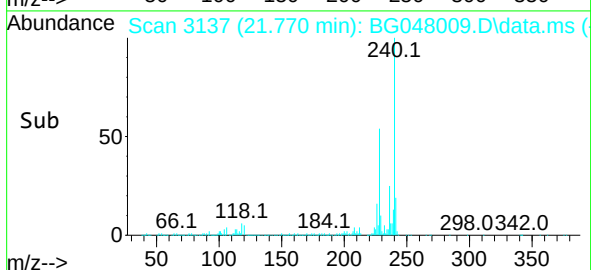
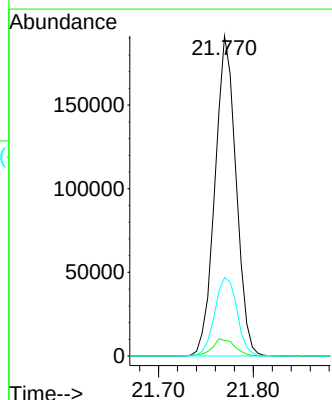
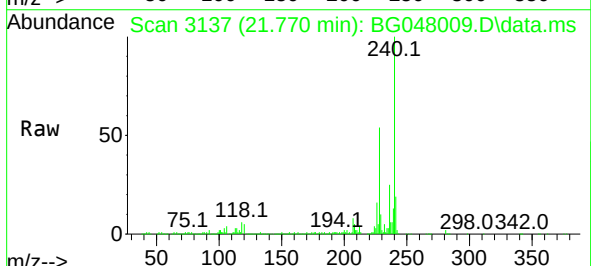
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

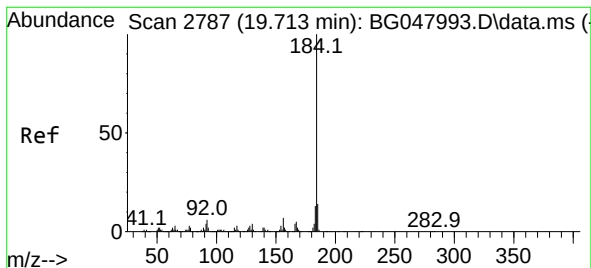
Tgt Ion:202 Resp: 889753  
Ion Ratio Lower Upper  
202 100  
101 7.3 0.0 29.7  
203 19.0 0.0 39.2



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.770 min Scan# 3137  
Delta R.T. -0.006 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

Tgt Ion:240 Resp: 295932  
Ion Ratio Lower Upper  
240 100  
120 4.8 6.2 9.4#  
236 24.5 20.5 30.7





#77

Benzidine

Concen: 42.66 ng

RT: 19.713 min Scan# 2787

Delta R.T. 0.000 min

Lab File: BG048009.D

Acq: 26 Jan 2021 16:28

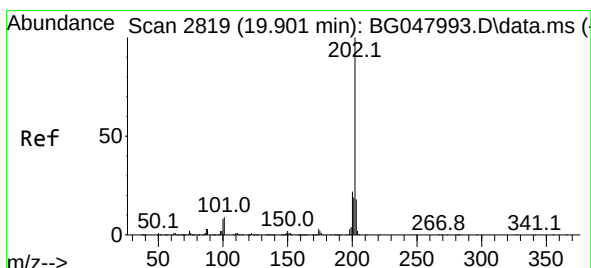
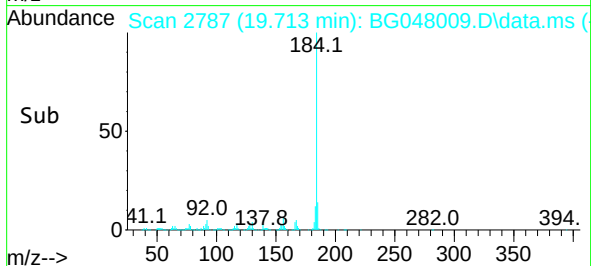
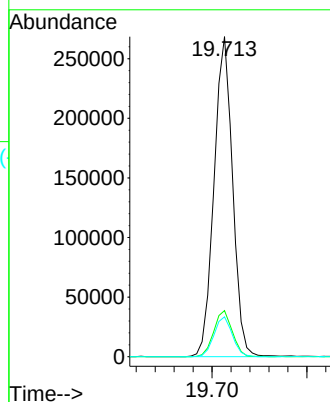
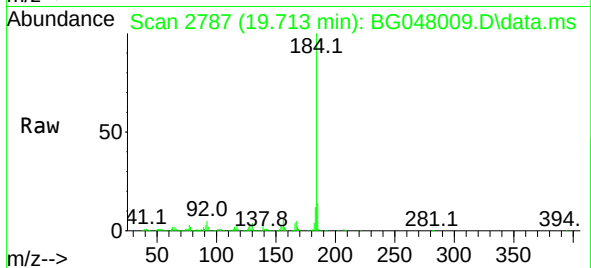
Tgt Ion:184 Resp: 364193

Ion Ratio Lower Upper

184 100

185 14.4 12.4 18.6

183 12.5 10.6 15.8



#78

Pyrene

Concen: 41.00 ng

RT: 19.901 min Scan# 2819

Delta R.T. 0.000 min

Lab File: BG048009.D

Acq: 26 Jan 2021 16:28

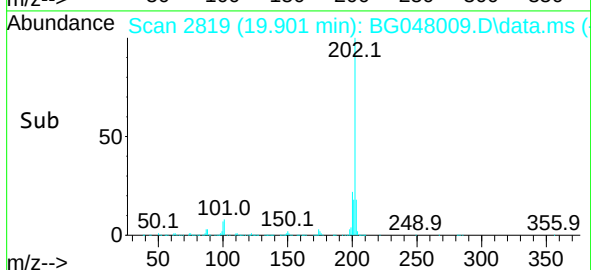
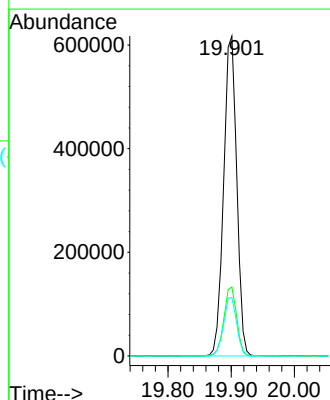
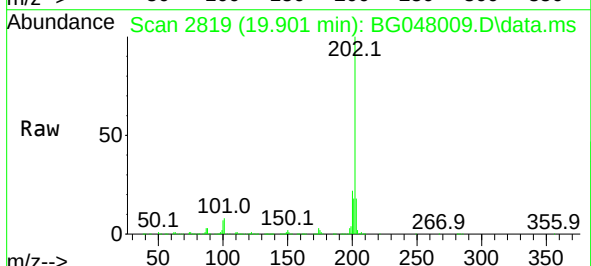
Tgt Ion:202 Resp: 888556

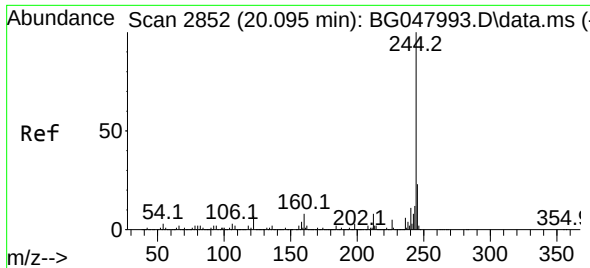
Ion Ratio Lower Upper

202 100

200 21.6 18.6 27.8

203 18.3 15.3 22.9

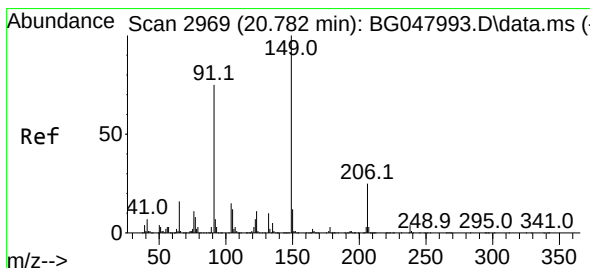
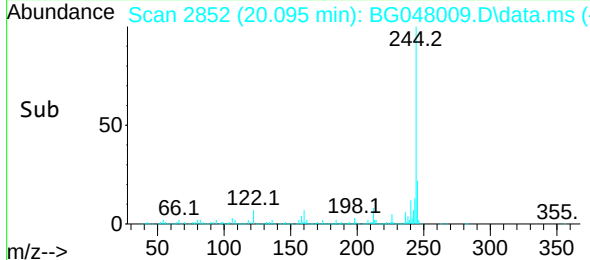
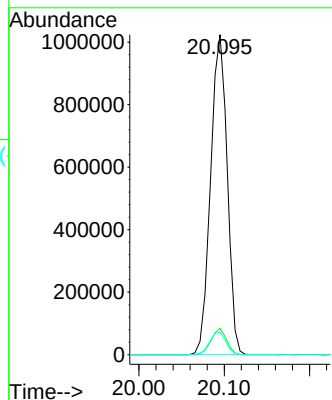
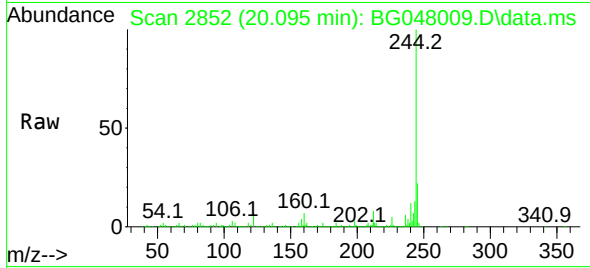




#79  
 Terphenyl-d14  
 Concen: 80.99 ng  
 RT: 20.095 min Scan# 2852  
 Delta R.T. 0.000 min  
 Lab File: BG048009.D  
 Acq: 26 Jan 2021 16:28

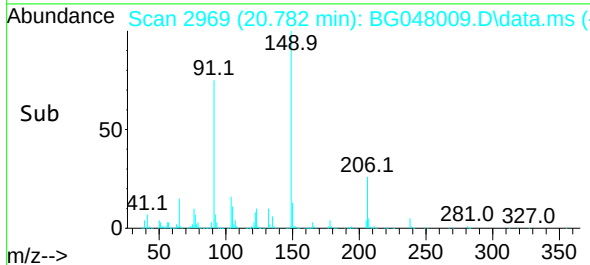
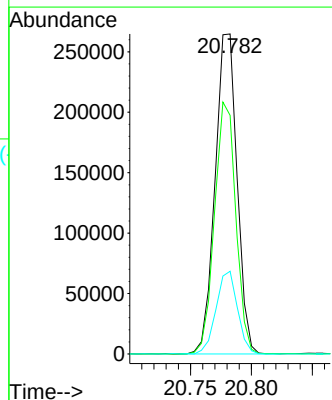
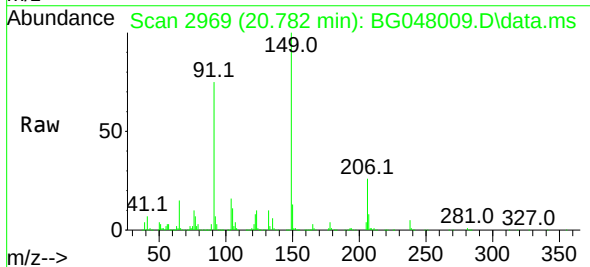
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

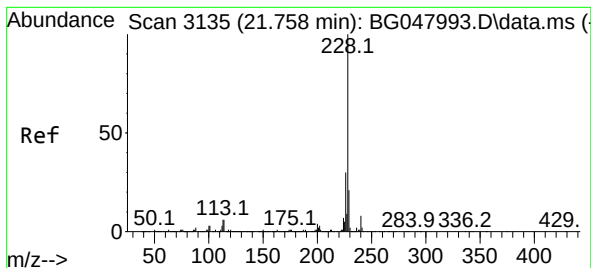
Tgt Ion:244 Resp: 1382402  
 Ion Ratio Lower Upper  
 244 100  
 212 8.2 6.7 10.1  
 122 7.1 7.8 11.6#



#80  
 Butylbenzylphthalate  
 Concen: 40.17 ng  
 RT: 20.782 min Scan# 2969  
 Delta R.T. 0.000 min  
 Lab File: BG048009.D  
 Acq: 26 Jan 2021 16:28

Tgt Ion:149 Resp: 332536  
 Ion Ratio Lower Upper  
 149 100  
 91 74.5 51.5 77.3  
 206 25.9 21.2 31.8

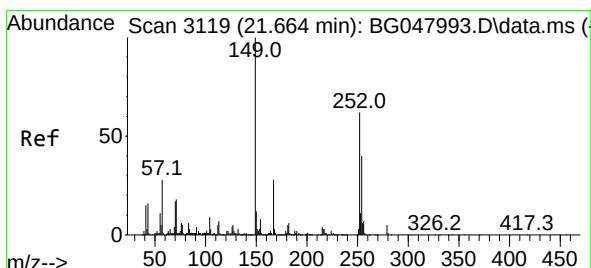
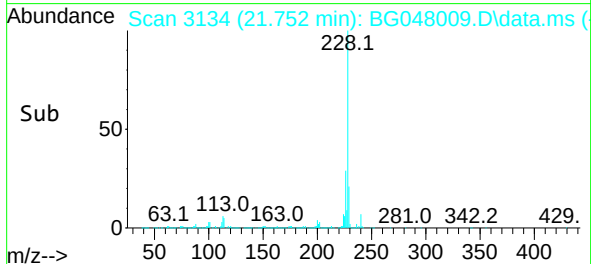
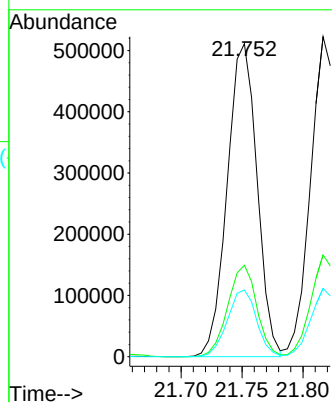
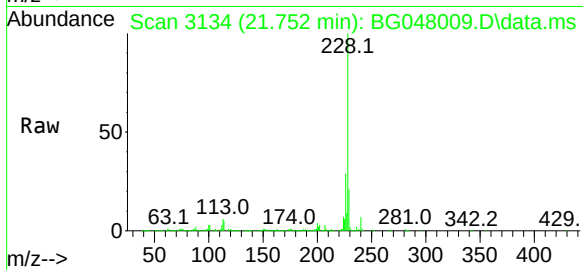




#81  
Benzo(a)anthracene  
Concen: 40.44 ng  
RT: 21.752 min Scan# 3134  
Delta R.T. -0.006 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

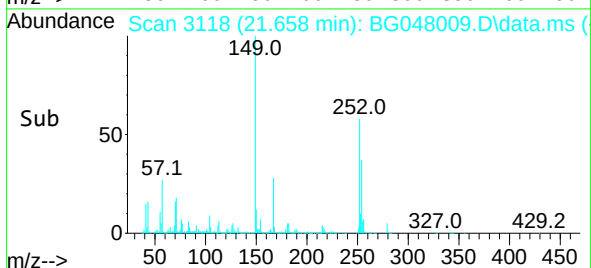
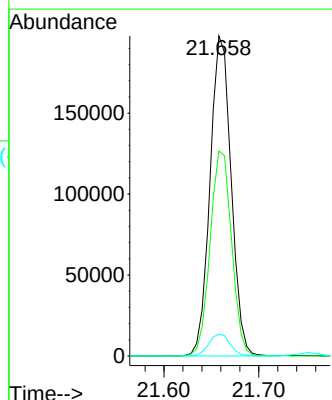
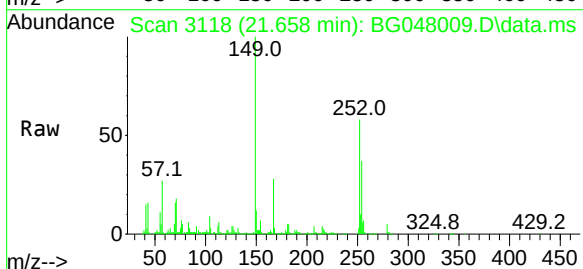
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

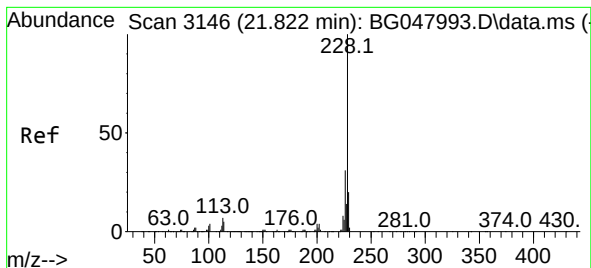
Tgt Ion:228 Resp: 869761  
Ion Ratio Lower Upper  
228 100  
226 29.2 23.3 34.9  
229 21.3 17.4 26.0



#82  
3,3'-Dichlorobenzidine  
Concen: 42.21 ng  
RT: 21.658 min Scan# 3118  
Delta R.T. -0.006 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

Tgt Ion:252 Resp: 305886  
Ion Ratio Lower Upper  
252 100  
254 64.1 53.2 79.8  
126 6.8 6.8 10.2





#83

Chrysene

Concen: 40.82 ng

RT: 21.817 min Scan# 3145

Delta R.T. -0.006 min

Lab File: BG048009.D

Acq: 26 Jan 2021 16:28

Instrument :

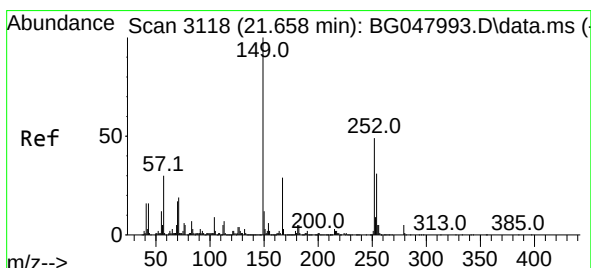
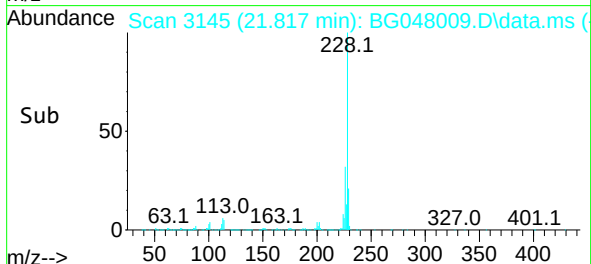
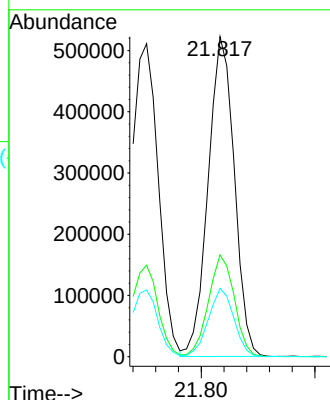
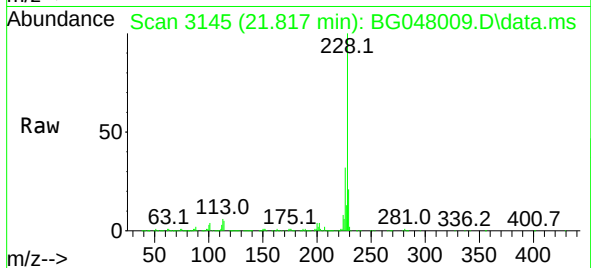
BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 834227

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 31.8  | 25.0  | 37.4  |
| 229 | 21.3  | 17.3  | 25.9  |



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.60 ng

RT: 21.658 min Scan# 3118

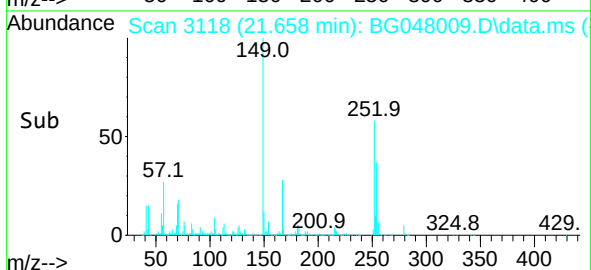
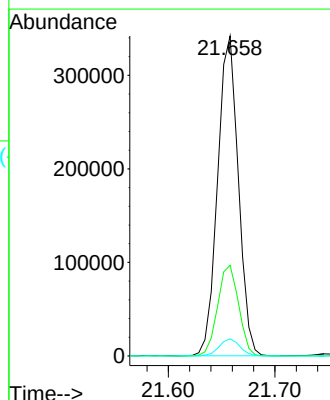
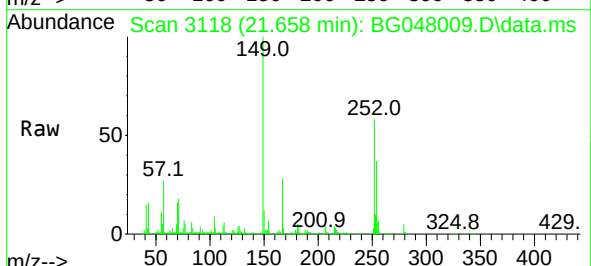
Delta R.T. 0.000 min

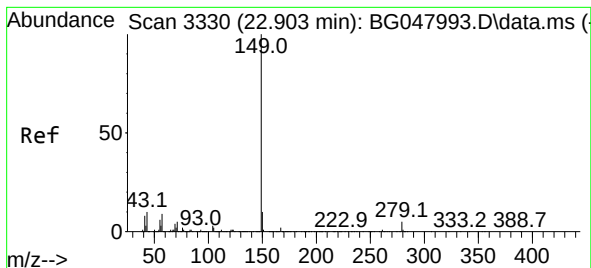
Lab File: BG048009.D

Acq: 26 Jan 2021 16:28

Tgt Ion:149 Resp: 460250

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 28.4  | 24.8  | 37.2  |
| 279 | 5.4   | 4.6   | 7.0   |

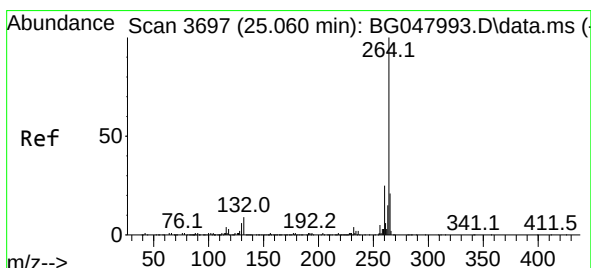
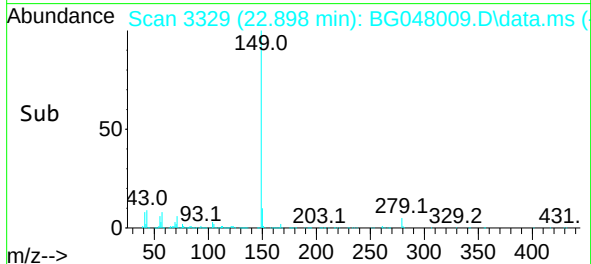
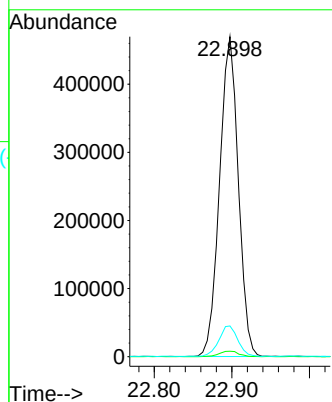
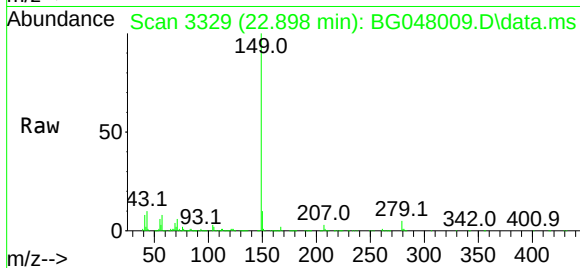




#85  
Di-n-octyl phthalate  
Concen: 41.59 ng  
RT: 22.898 min Scan# 3329  
Delta R.T. -0.006 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

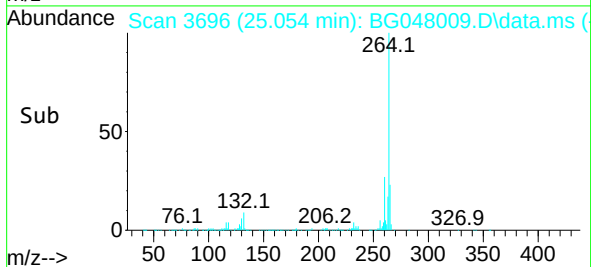
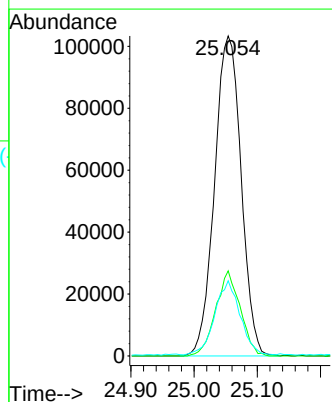
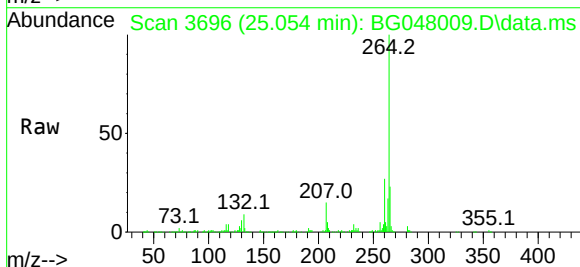
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

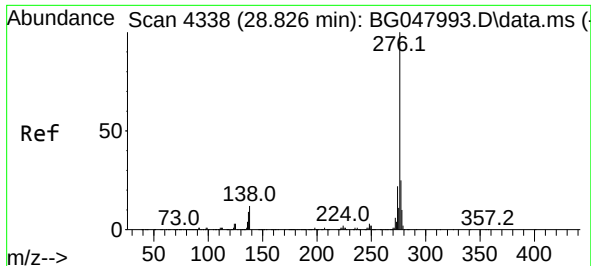
Tgt Ion:149 Resp: 788693  
Ion Ratio Lower Upper  
149 100  
167 1.8 1.4 2.2  
43 9.6 6.8 10.2



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 25.054 min Scan# 3696  
Delta R.T. -0.006 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

Tgt Ion:264 Resp: 301994  
Ion Ratio Lower Upper  
264 100  
260 26.6 18.8 28.2  
265 23.5 17.8 26.8

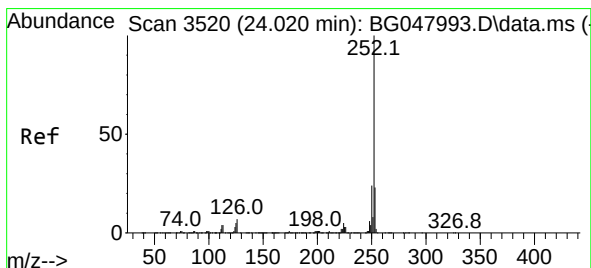
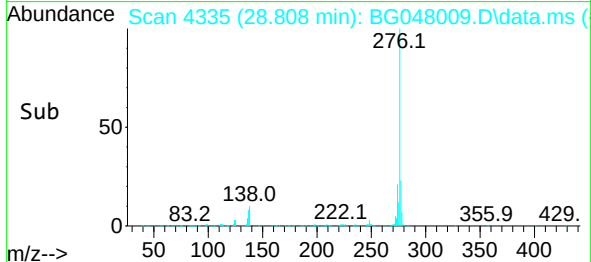
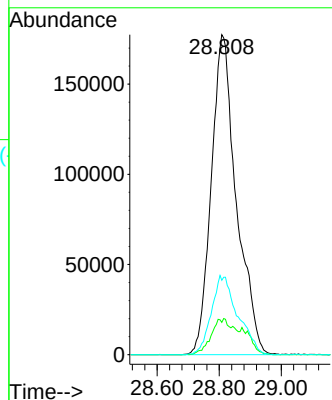
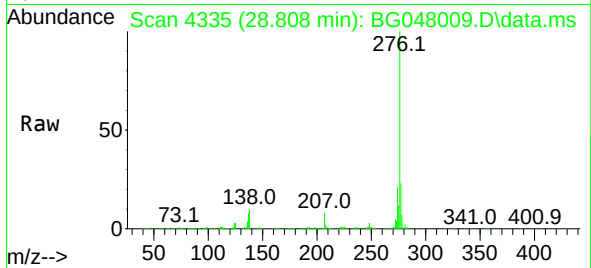




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 41.06 ng  
RT: 28.808 min Scan# 4335  
Delta R.T. -0.018 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

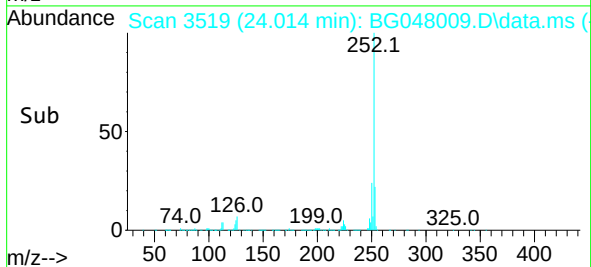
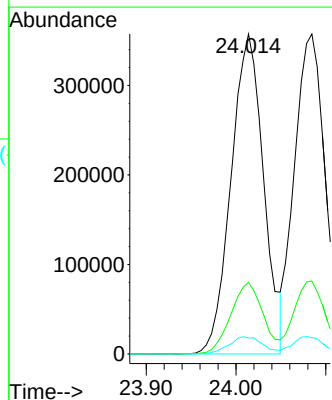
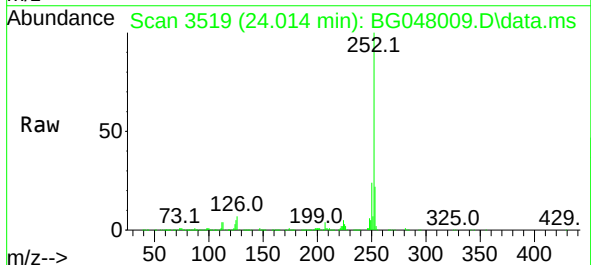
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

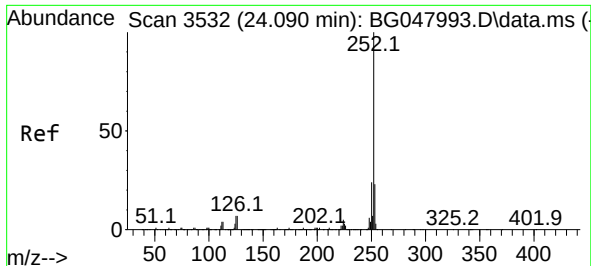
Tgt Ion:276 Resp: 997500  
Ion Ratio Lower Upper  
276 100  
138 5.1 16.2 24.2#  
277 26.0 20.3 30.5



#88  
Benzo(b)fluoranthene  
Concen: 41.86 ng  
RT: 24.014 min Scan# 3519  
Delta R.T. -0.006 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

Tgt Ion:252 Resp: 898504  
Ion Ratio Lower Upper  
252 100  
253 22.4 18.7 28.1  
125 5.0 6.5 9.7#

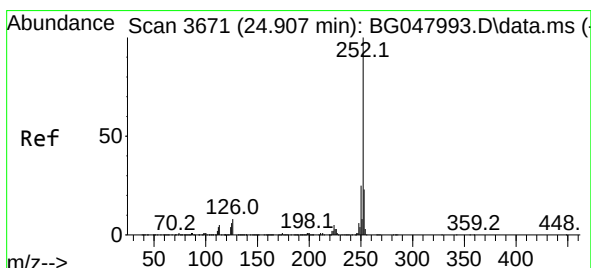
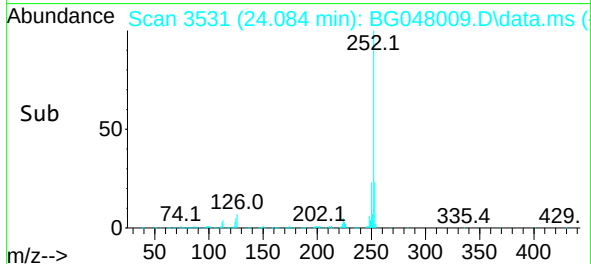
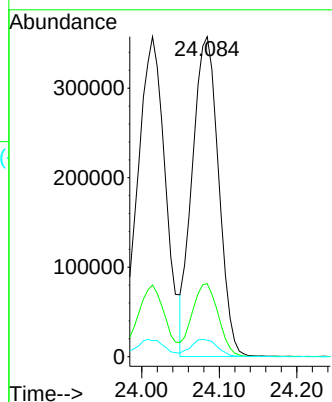
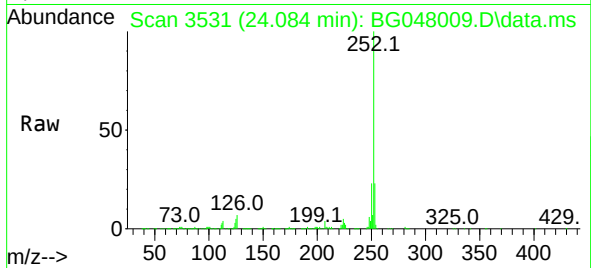




#89  
Benzo(k)fluoranthene  
Concen: 40.34 ng  
RT: 24.084 min Scan# 3531  
Delta R.T. -0.006 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

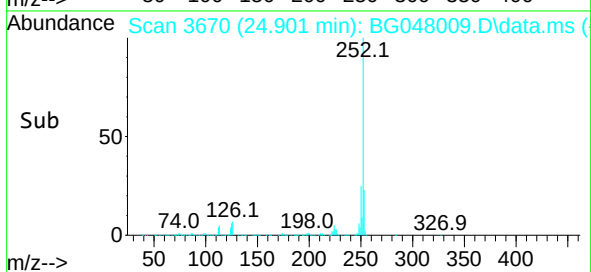
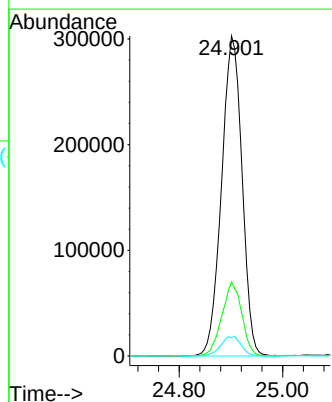
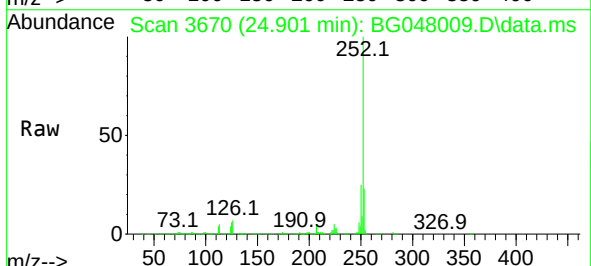
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:252 Resp: 841301  
Ion Ratio Lower Upper  
252 100  
253 22.8 18.6 27.8  
125 5.1 6.8 10.2#

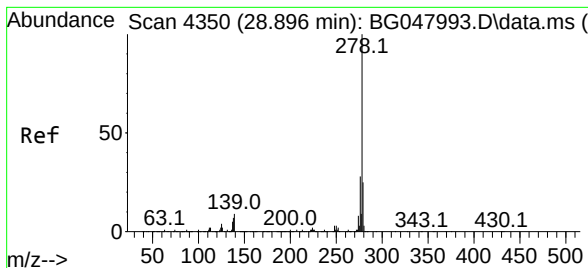


#90  
Benzo(a)pyrene  
Concen: 41.23 ng  
RT: 24.901 min Scan# 3670  
Delta R.T. -0.006 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

Tgt Ion:252 Resp: 831085  
Ion Ratio Lower Upper  
252 100  
253 23.1 17.9 26.9  
125 5.7 7.0 10.4#



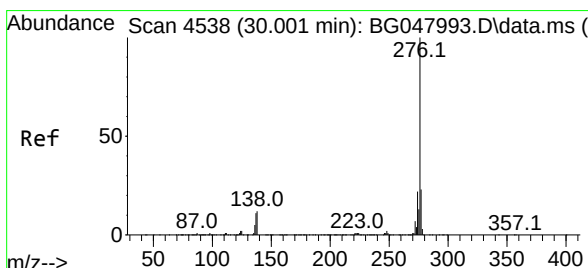
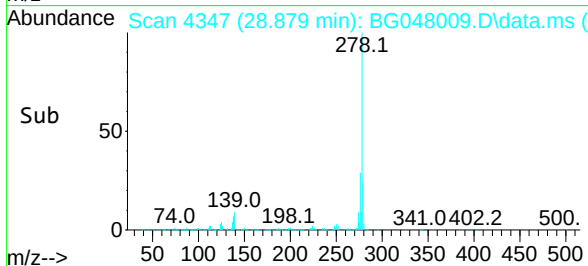
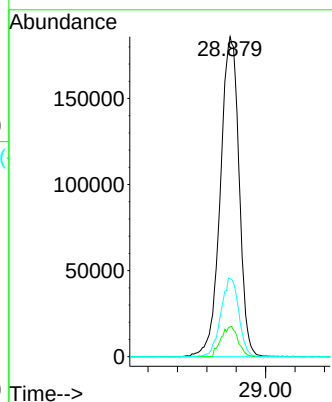
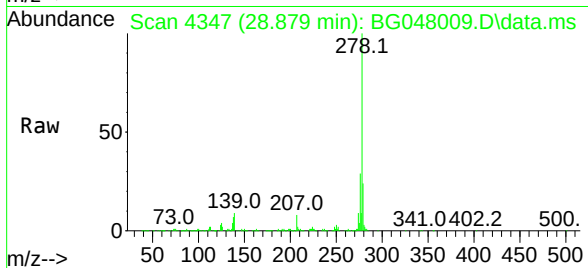




#91  
Dibenzo(a,h)anthracene  
Concen: 40.98 ng  
RT: 28.879 min Scan# 4347  
Delta R.T. -0.018 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:278 Resp: 821559  
Ion Ratio Lower Upper  
278 100  
139 9.4 10.5 15.7#  
279 24.3 19.4 29.0



#92  
Benzo(g,h,i)perylene  
Concen: 40.95 ng  
RT: 29.983 min Scan# 4535  
Delta R.T. -0.018 min  
Lab File: BG048009.D  
Acq: 26 Jan 2021 16:28

Tgt Ion:276 Resp: 790698  
Ion Ratio Lower Upper  
276 100  
277 25.6 19.6 29.4  
138 11.3 13.4 20.2#

