

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG102921\  
 Data File : BG050783.D  
 Acq On : 29 Oct 2021 18:41  
 Operator : CG/JU  
 Sample : M4380-02MSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 WASTE-CHAR-(SUSPECT)MSD

Quant Time: Oct 30 01:38:05 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 14 10:56:22 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.241  | 152  | 33831    | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8            | 11.073 | 136  | 147366   | 20.000  | ng    | #-0.01   |
| 39) Acenaphthene-d10          | 14.868 | 164  | 95234    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.618 | 188  | 214669   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.925 | 240  | 185824   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 25.339 | 264  | 189183   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.785  | 112  | 305157   | 134.898 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.395  | 99   | 397518   | 121.373 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.416  | 82   | 306391   | 86.067  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 16.355 | 330  | 132413   | 145.771 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.494 | 172  | 565932   | 89.437  | ng    | -0.01    |
| 79) Terphenyl-d14             | 20.203 | 244  | 919125   | 96.393  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.652  | 88   | 42553    | 36.321  | ng    | # 18     |
| 3) Pyridine                   | 4.064  | 79   | 84246    | 26.322  | ng    | 93       |
| 4) n-Nitrosodimethylamine     | 3.964  | 42   | 66822    | 44.304  | ng    | # 54     |
| 6) Aniline                    | 7.565  | 93   | 130841   | 34.385  | ng    | 94       |
| 8) 2-Chlorophenol             | 7.806  | 128  | 118785   | 54.538  | ng    | 90       |
| 9) Benzaldehyde               | 7.377  | 77   | 85587    | 41.653  | ng    | 92       |
| 10) Phenol                    | 7.418  | 94   | 151092   | 47.447  | ng    | 85       |
| 11) bis(2-Chloroethyl)ether   | 7.653  | 93   | 120466   | 48.468  | ng    | 85       |
| 12) 1,3-Dichlorobenzene       | 8.129  | 146  | 117429   | 46.706  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 8.282  | 146  | 120586   | 47.574  | ng    | 96       |
| 14) 1,2-Dichlorobenzene       | 8.599  | 146  | 115365   | 47.651  | ng    | 96       |
| 15) Benzyl Alcohol            | 8.482  | 79   | 137104   | 52.973  | ng    | 93       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.764  | 45   | 196007   | 48.356  | ng    | 87       |
| 17) 2-Methylphenol            | 8.682  | 107  | 108522   | 51.793  | ng    | 92       |
| 18) Hexachloroethane          | 9.334  | 117  | 46186    | 48.144  | ng    | 91       |
| 19) n-Nitroso-di-n-propyla... | 9.046  | 70   | 116022   | 48.602  | ng    | # 91     |
| 20) 3+4-Methylphenols         | 9.011  | 107  | 152542   | 51.722  | ng    | 95       |
| 22) Acetophenone              | 9.075  | 105  | 190376   | 45.440  | ng    | 95       |
| 24) Nitrobenzene              | 9.463  | 77   | 165684   | 46.807  | ng    | 94       |
| 25) Isophorone                | 9.980  | 82   | 299538   | 47.438  | ng    | # 96     |
| 26) 2-Nitrophenol             | 10.174 | 139  | 67371    | 51.834  | ng    | # 91     |
| 27) 2,4-Dimethylphenol        | 10.221 | 122  | 118917   | 52.957  | ng    | 94       |
| 28) bis(2-Chloroethoxy)met... | 10.456 | 93   | 169080   | 46.831  | ng    | 94       |
| 29) 2,4-Dichlorophenol        | 10.715 | 162  | 117262   | 51.234  | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 10.932 | 180  | 118498   | 45.578  | ng    | 96       |
| 31) Naphthalene               | 11.120 | 128  | 378503   | 47.984  | ng    | 98       |
| 32) Benzoic acid              | 10.356 | 122  | 49751    | 29.852  | ng    | # 69     |
| 33) 4-Chloroaniline           | 11.226 | 127  | 58506    | 17.678  | ng    | 96       |
| 34) Hexachlorobutadiene       | 11.390 | 225  | 71277    | 43.669  | ng    | 93       |
| 35) Caprolactam               | 12.001 | 113  | 19783    | 22.585  | ng    | # 66     |
| 36) 4-Chloro-3-methylphenol   | 12.330 | 107  | 145384   | 50.820  | ng    | # 91     |
| 37) 2-Methylnaphthalene       | 12.712 | 142  | 265507   | 48.783  | ng    | 92       |
| 38) 1-Methylnaphthalene       | 12.930 | 142  | 249738   | 47.320  | ng    | 92       |
| 40) 1,2,4,5-Tetrachloroben... | 13.071 | 216  | 132606   | 47.152  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 13.047 | 237  | 134985   | 83.051  | ng    | 94       |
| 43) 2,4,6-Trichlorophenol     | 13.306 | 196  | 100021   | 50.471  | ng    | 93       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG102921\  
 Data File : BG050783.D  
 Acq On : 29 Oct 2021 18:41  
 Operator : CG/JU  
 Sample : M4380-02MSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 WASTE-CHAR-(SUSPECT)MSD

Quant Time: Oct 30 01:38:05 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 14 10:56:22 2021  
 Response via : Initial Calibration

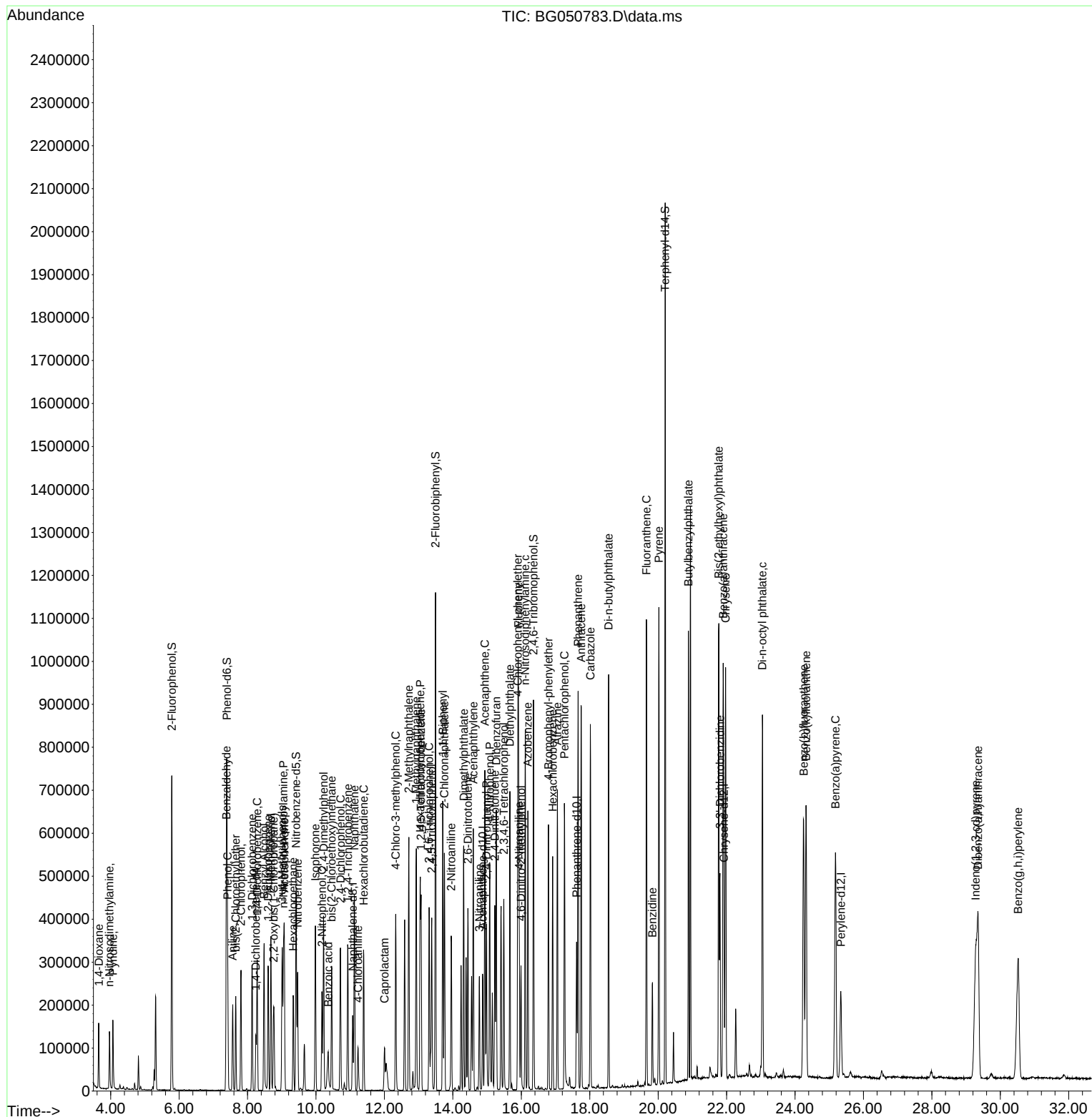
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.382 | 196  | 107880   | 52.067 | ng    | 91       |
| 46) 1,1'-Biphenyl             | 13.705 | 154  | 332921   | 47.927 | ng    | 94       |
| 47) 2-Chloronaphthalene       | 13.752 | 162  | 265709   | 49.816 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.952 | 65   | 114236   | 53.839 | ng    | 95       |
| 49) Acenaphthylene            | 14.598 | 152  | 436338   | 49.927 | ng    | 97       |
| 50) Dimethylphthalate         | 14.316 | 163  | 366023   | 50.848 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.440 | 165  | 80173    | 55.606 | ng    | 88       |
| 52) Acenaphthene              | 14.933 | 154  | 257250   | 45.806 | ng    | 92       |
| 53) 3-Nitroaniline            | 14.774 | 138  | 61167    | 35.865 | ng    | 92       |
| 54) 2,4-Dinitrophenol         | 14.980 | 184  | 80938    | 90.489 | ng    | 94       |
| 55) Dibenzofuran              | 15.268 | 168  | 416796   | 47.986 | ng    | 97       |
| 56) 4-Nitrophenol             | 15.080 | 139  | 131346   | 95.742 | ng    | # 76     |
| 57) 2,4-Dinitrotoluene        | 15.227 | 165  | 114675   | 56.428 | ng    | 93       |
| 58) Fluorene                  | 15.914 | 166  | 338017   | 50.665 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.491 | 232  | 88644    | 49.115 | ng    | # 93     |
| 60) Diethylphthalate          | 15.668 | 149  | 383383   | 50.690 | ng    | 96       |
| 61) 4-Chlorophenyl-phenyle... | 15.897 | 204  | 178163   | 48.806 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.938 | 138  | 88803    | 50.048 | ng    | # 69     |
| 63) Azobenzene                | 16.190 | 77   | 415804   | 47.493 | ng    | 82       |
| 65) 4,6-Dinitro-2-methylph... | 15.991 | 198  | 61132    | 47.412 | ng    | 89       |
| 66) n-Nitrosodiphenylamine    | 16.114 | 169  | 303930   | 49.828 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.796 | 248  | 110192   | 50.940 | ng    | 97       |
| 68) Hexachlorobenzene         | 16.919 | 284  | 111044   | 51.650 | ng    | 95       |
| 69) Atrazine                  | 17.054 | 200  | 121838   | 50.707 | ng    | 96       |
| 70) Pentachlorophenol         | 17.260 | 266  | 121325   | 82.896 | ng    | 98       |
| 71) Phenanthrene              | 17.659 | 178  | 563588   | 49.821 | ng    | 97       |
| 72) Anthracene                | 17.753 | 178  | 572254   | 50.907 | ng    | 97       |
| 73) Carbazole                 | 18.018 | 167  | 535864   | 47.830 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.552 | 149  | 672355   | 51.138 | ng    | # 97     |
| 75) Fluoranthene              | 19.657 | 202  | 672677   | 48.375 | ng    | 96       |
| 77) Benzidine                 | 19.833 | 184  | 145137   | 24.098 | ng    | 99       |
| 78) Pyrene                    | 20.021 | 202  | 677076   | 51.355 | ng    | 97       |
| 80) Butylbenzylphthalate      | 20.885 | 149  | 297882   | 53.416 | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.901 | 228  | 625294   | 50.854 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.807 | 252  | 166901   | 40.958 | ng    | # 99     |
| 83) Chrysene                  | 21.972 | 228  | 603755   | 52.201 | ng    | 95       |
| 84) Bis(2-ethylhexyl)phtha... | 21.772 | 149  | 428562   | 54.086 | ng    | 95       |
| 85) Di-n-octyl phthalate      | 23.047 | 149  | 735952   | 55.686 | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 29.281 | 276  | 689766   | 52.348 | ng    | # 88     |
| 88) Benzo(b)fluoranthene      | 24.252 | 252  | 642881   | 55.488 | ng    | # 93     |
| 89) Benzo(k)fluoranthene      | 24.322 | 252  | 591546   | 51.898 | ng    | # 96     |
| 90) Benzo(a)pyrene            | 25.186 | 252  | 610339   | 61.958 | ng    | # 94     |
| 91) Dibenzo(a,h)anthracene    | 29.352 | 278  | 579581   | 53.179 | ng    | # 91     |
| 92) Benzo(g,h,i)perylene      | 30.521 | 276  | 573728   | 53.749 | ng    | # 92     |

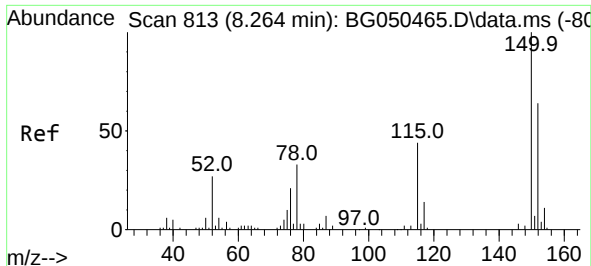
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG102921\  
 Data File : BG050783.D  
 Acq On : 29 Oct 2021 18:41  
 Operator : CG/JU  
 Sample : M4380-02MSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 WASTE-CHAR-(SUSPECT)MSD

Quant Time: Oct 30 01:38:05 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 14 10:56:22 2021  
 Response via : Initial Calibration

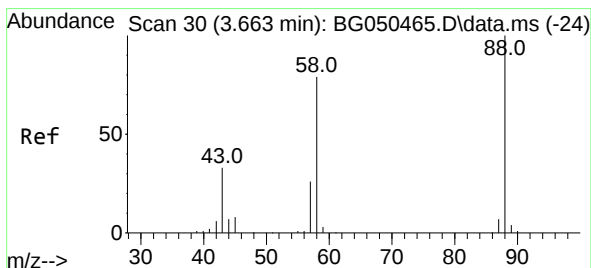
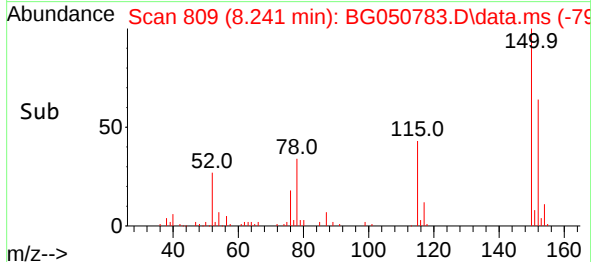
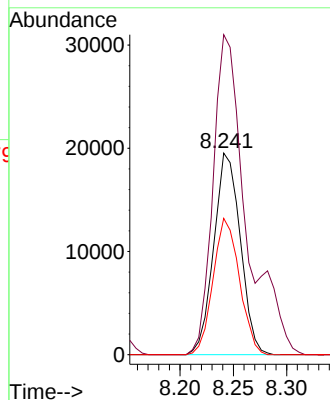
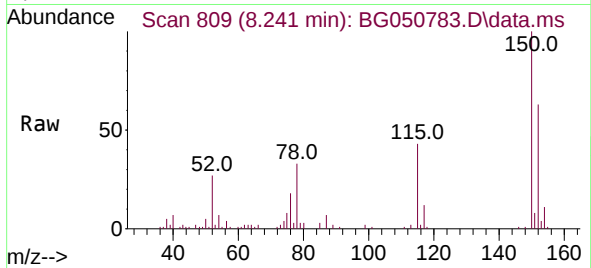




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.241 min Scan# 809  
Delta R.T. -0.017 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

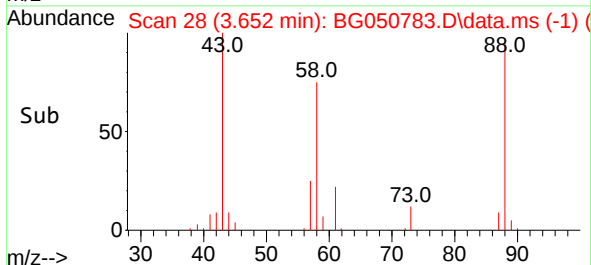
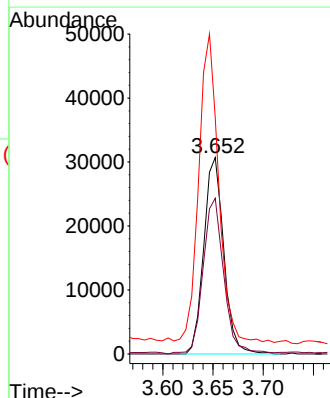
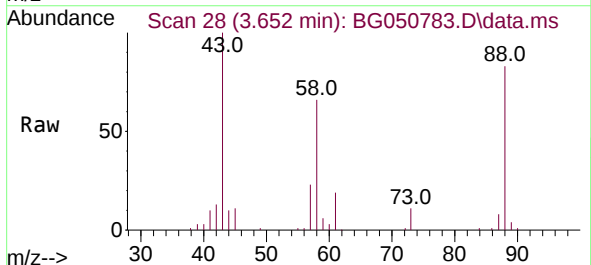
Instrument :  
BNA\_G  
ClientSampleId :  
WASTE-CHAR-(SUSPECT)MSD

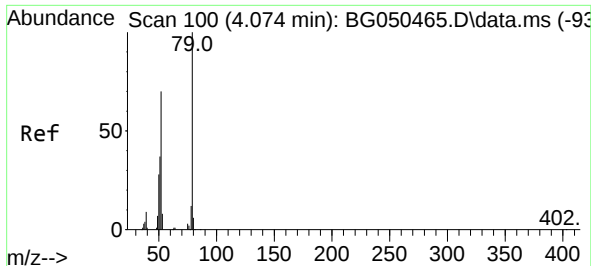
Tgt Ion:152 Resp: 33831  
Ion Ratio Lower Upper  
152 100  
150 158.8 119.4 179.0  
115 67.6 60.2 90.4



#2  
1,4-Dioxane  
Concen: 36.321 ng  
RT: 3.652 min Scan# 28  
Delta R.T. -0.006 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

Tgt Ion: 88 Resp: 42553  
Ion Ratio Lower Upper  
88 100  
58 82.4 55.7 83.5  
43 159.5 29.3 43.9#

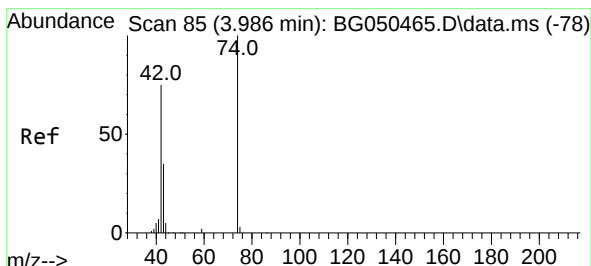
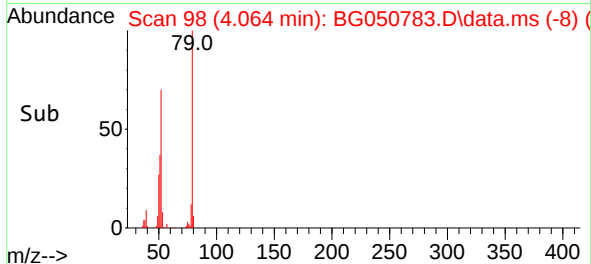
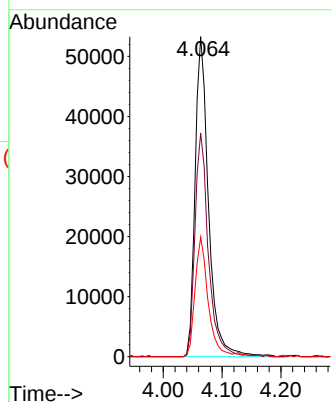
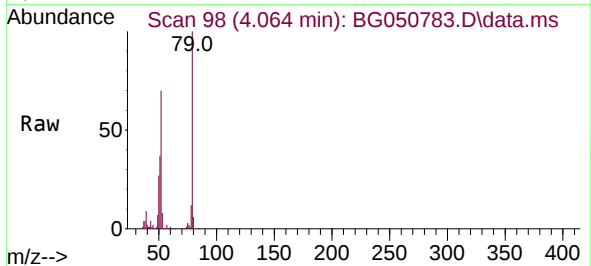




#3  
Pyridine  
Concen: 26.322 ng  
RT: 4.064 min Scan# 98  
Delta R.T. 0.000 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

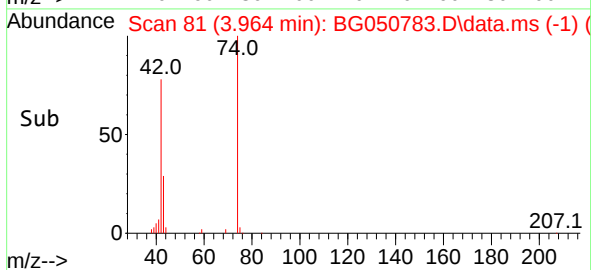
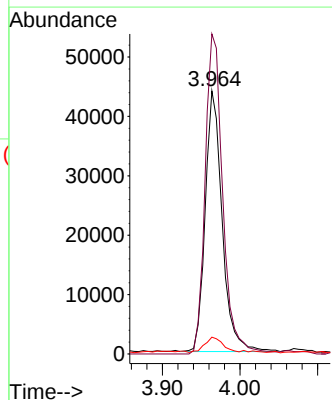
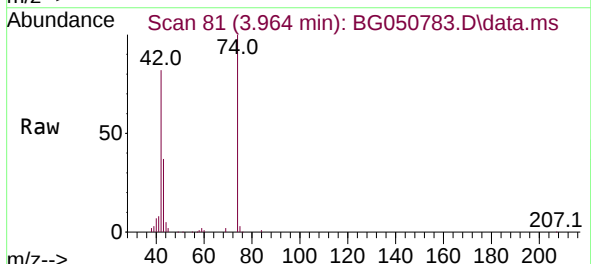
Instrument :  
BNA\_G  
ClientSampleId :  
WASTE-CHAR-(SUSPECT)MSD

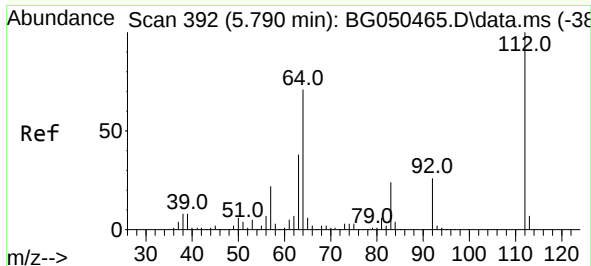
Tgt Ion: 79 Resp: 84246  
Ion Ratio Lower Upper  
79 100  
52 69.9 58.4 87.6  
51 37.3 37.0 55.6



#4  
n-Nitrosodimethylamine  
Concen: 44.304 ng  
RT: 3.964 min Scan# 81  
Delta R.T. -0.017 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

Tgt Ion: 42 Resp: 66822  
Ion Ratio Lower Upper  
42 100  
74 121.7 64.0 96.0#  
44 6.4 2.7 4.1#

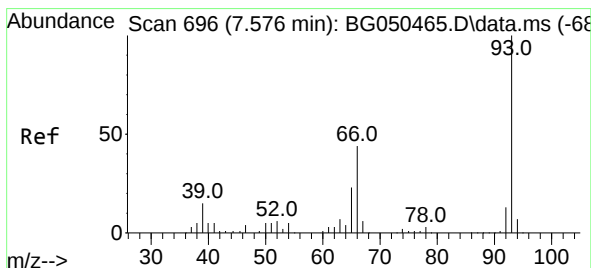
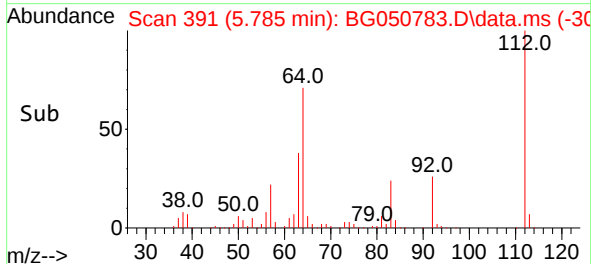
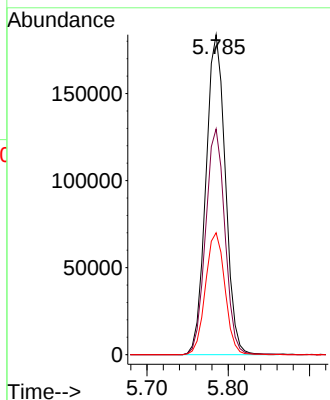
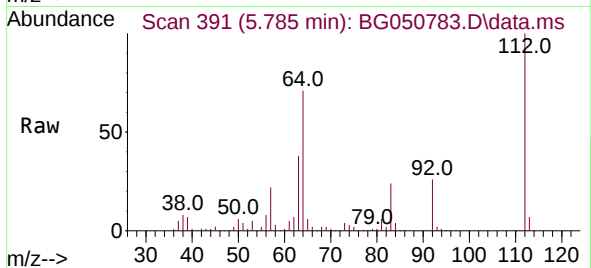




#5  
2-Fluorophenol  
Concen: 134.898 ng  
RT: 5.785 min Scan# 391  
Delta R.T. -0.006 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

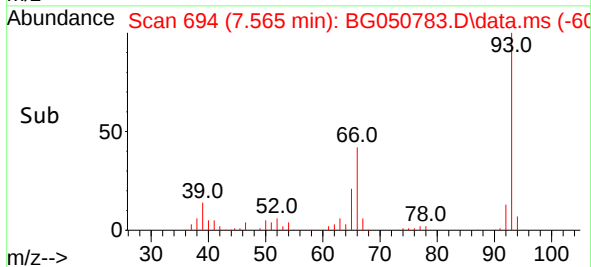
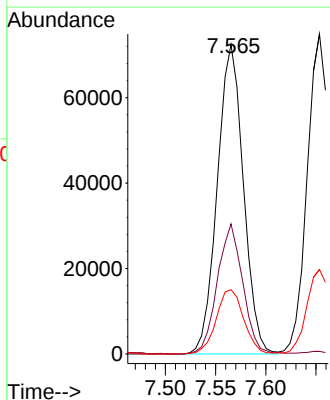
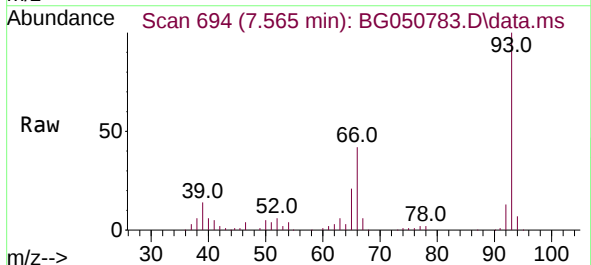
Instrument :  
BNA\_G  
ClientSampleId :  
WASTE-CHAR-(SUSPECT)MSD

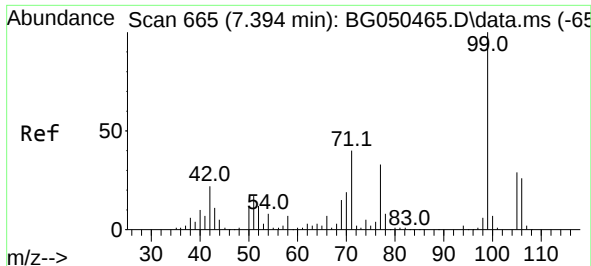
Tgt Ion:112 Resp: 305157  
Ion Ratio Lower Upper  
112 100  
64 70.5 46.7 70.1#  
63 38.1 35.3 52.9



#6  
Aniline  
Concen: 34.385 ng  
RT: 7.565 min Scan# 694  
Delta R.T. -0.011 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

Tgt Ion: 93 Resp: 130841  
Ion Ratio Lower Upper  
93 100  
66 42.0 30.6 45.8  
65 20.8 15.0 22.4

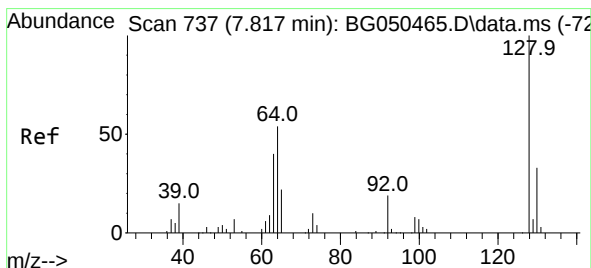
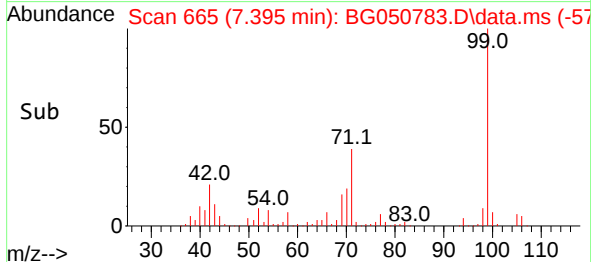
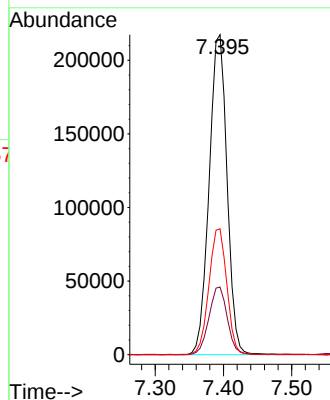
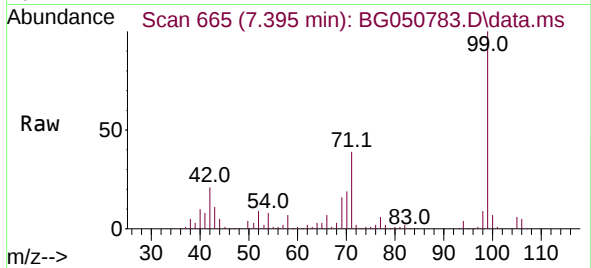




#7  
Phenol-d6  
Concen: 121.373 ng  
RT: 7.395 min Scan# 665  
Delta R.T. -0.006 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

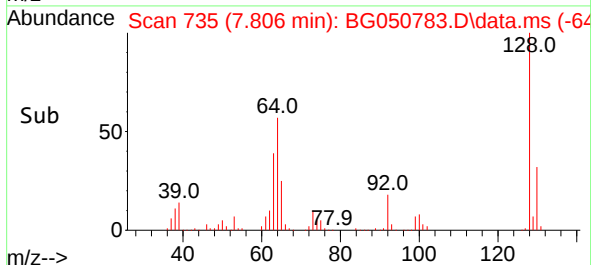
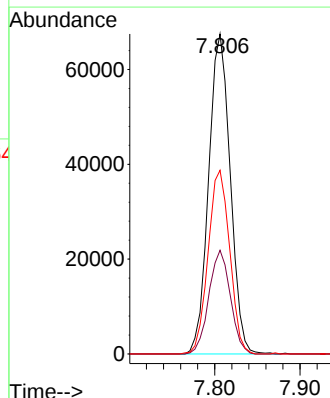
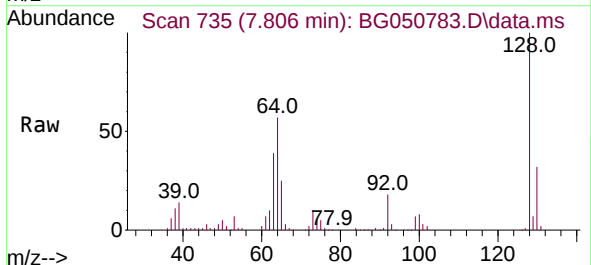
Instrument :  
BNA\_G  
ClientSampleId :  
WASTE-CHAR-(SUSPECT)MSD

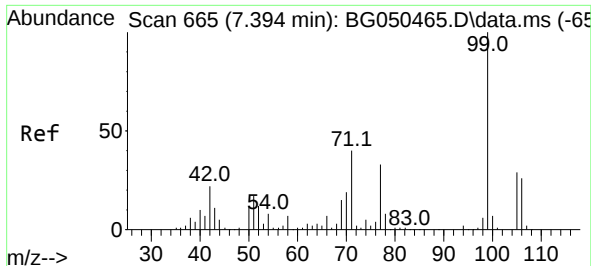
Tgt Ion: 99 Resp: 397518  
Ion Ratio Lower Upper  
99 100  
42 21.2 20.5 30.7  
71 39.3 41.5 62.3#



#8  
2-Chlorophenol  
Concen: 54.538 ng  
RT: 7.806 min Scan# 735  
Delta R.T. -0.011 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

Tgt Ion:128 Resp: 118785  
Ion Ratio Lower Upper  
128 100  
130 32.4 10.0 50.0  
64 57.4 28.1 68.1

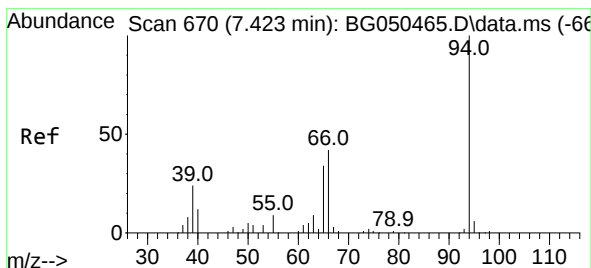
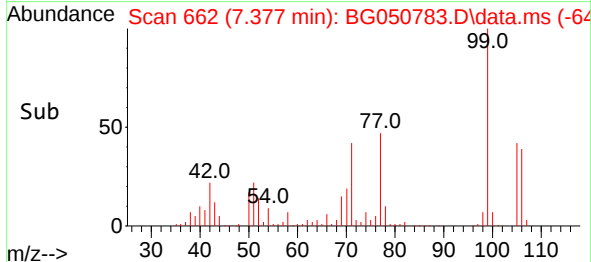
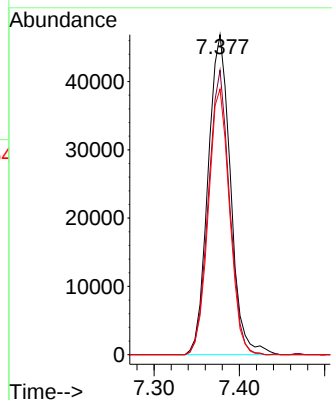
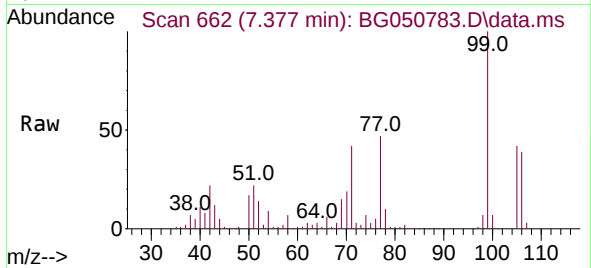




#9  
Benzaldehyde  
Concen: 41.653 ng  
RT: 7.377 min Scan# 662  
Delta R.T. -0.011 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

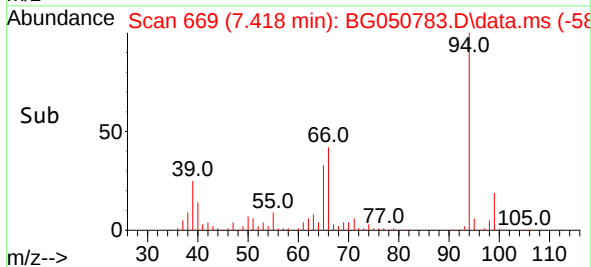
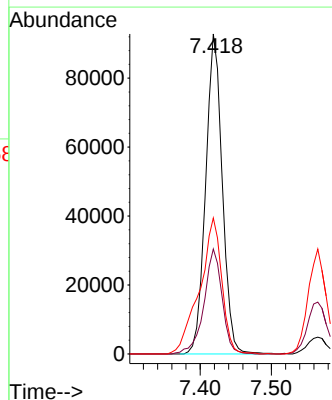
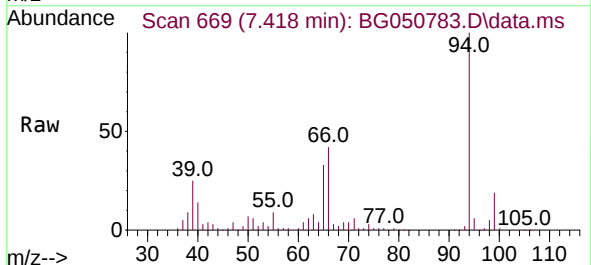
Instrument :  
BNA\_G  
ClientSampleId :  
WASTE-CHAR-(SUSPECT)MSD

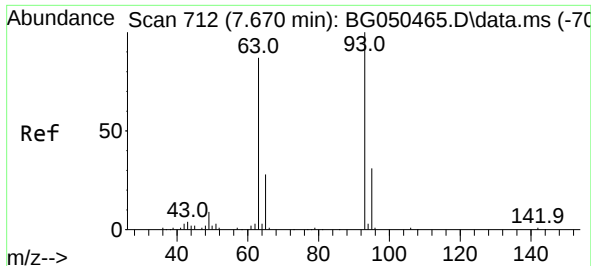
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 85587 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 88.9  | 68.8  | 108.8 |
| 106      | 83.0  | 47.9  | 87.9  |



#10  
Phenol  
Concen: 47.447 ng  
RT: 7.418 min Scan# 669  
Delta R.T. -0.006 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 151092 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 32.8  | 12.9  | 52.9   |
| 66       | 42.5  | 39.4  | 79.4   |

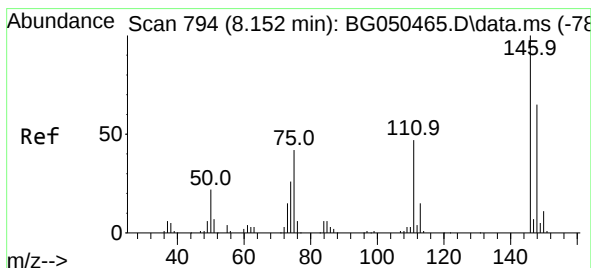
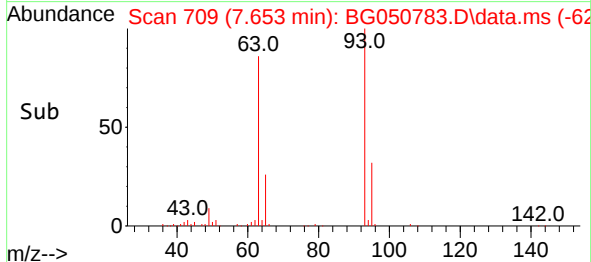
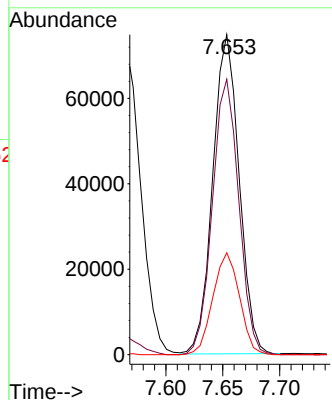
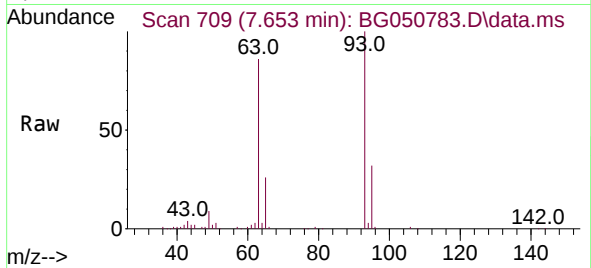




#11  
bis(2-Chloroethyl)ether  
Concen: 48.468 ng  
RT: 7.653 min Scan# 709  
Delta R.T. -0.011 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

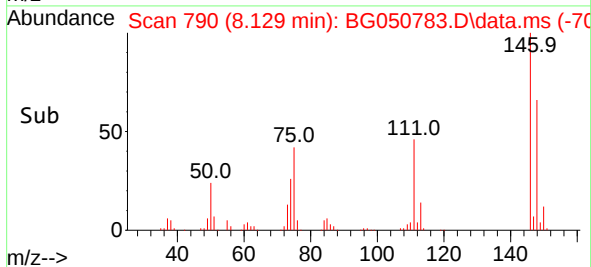
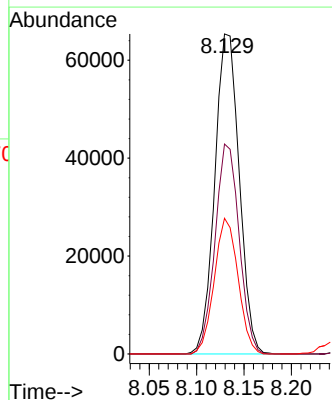
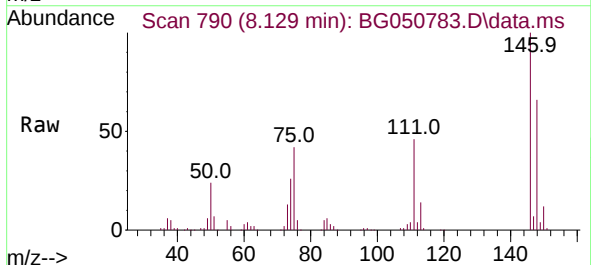
Instrument :  
BNA\_G  
ClientSampleId :  
WASTE-CHAR-(SUSPECT)MSD

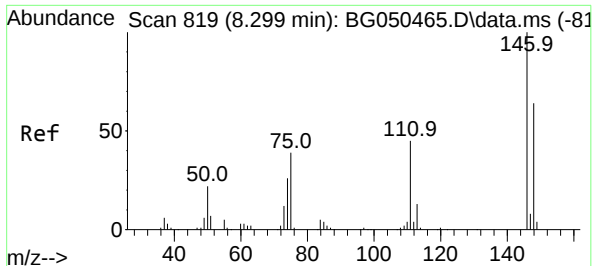
Tgt Ion: 93 Resp: 120466  
Ion Ratio Lower Upper  
93 100  
63 86.1 50.4 90.4  
95 31.9 15.3 55.3



#12  
1,3-Dichlorobenzene  
Concen: 46.706 ng  
RT: 8.129 min Scan# 790  
Delta R.T. -0.017 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

Tgt Ion: 146 Resp: 117429  
Ion Ratio Lower Upper  
146 100  
148 65.6 52.6 78.8  
75 42.4 35.7 53.5

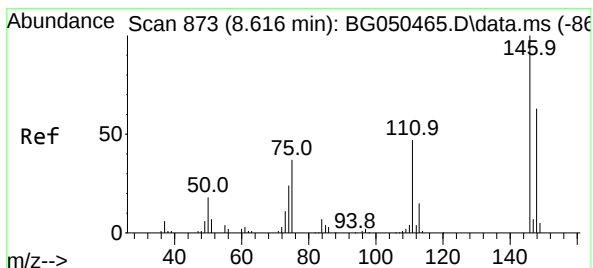
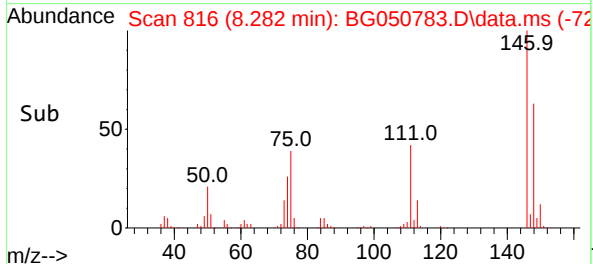
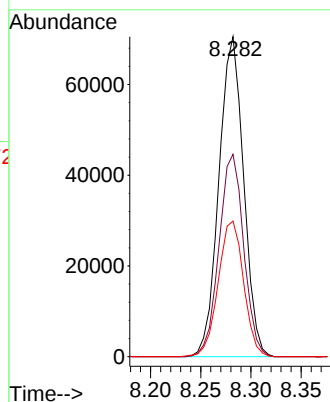
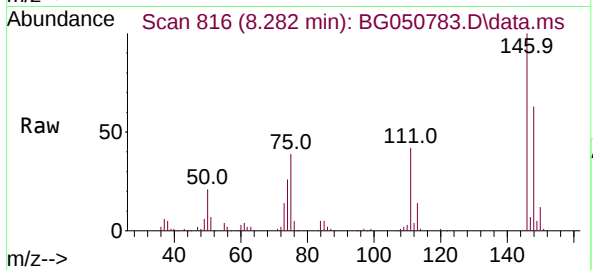




#13  
1,4-Dichlorobenzene  
Concen: 47.574 ng  
RT: 8.282 min Scan# 816  
Delta R.T. -0.011 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

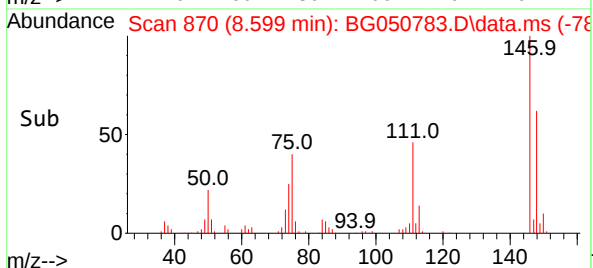
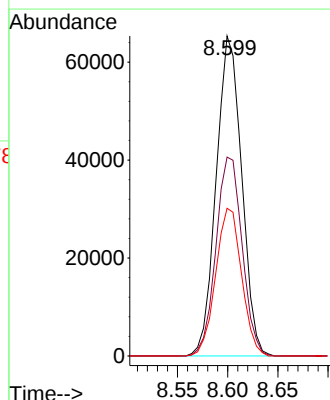
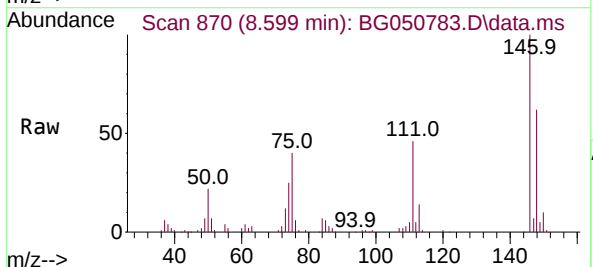
Instrument :  
BNA\_G  
ClientSampleId :  
WASTE-CHAR-(SUSPECT)MSD

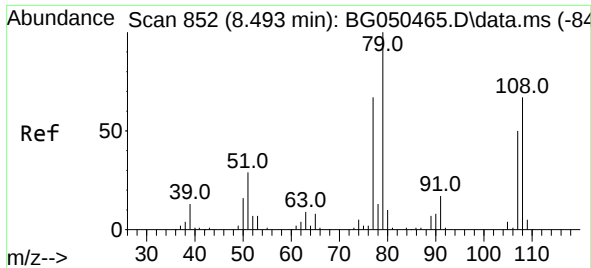
Tgt Ion:146 Resp: 120586  
Ion Ratio Lower Upper  
146 100  
148 63.3 54.0 81.0  
111 42.4 34.3 51.5



#14  
1,2-Dichlorobenzene  
Concen: 47.651 ng  
RT: 8.599 min Scan# 870  
Delta R.T. -0.017 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

Tgt Ion:146 Resp: 115365  
Ion Ratio Lower Upper  
146 100  
148 62.1 47.5 71.3  
111 46.2 39.1 58.7

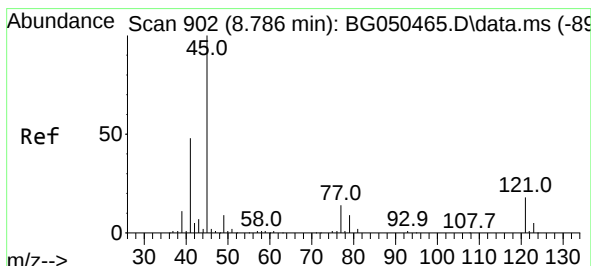
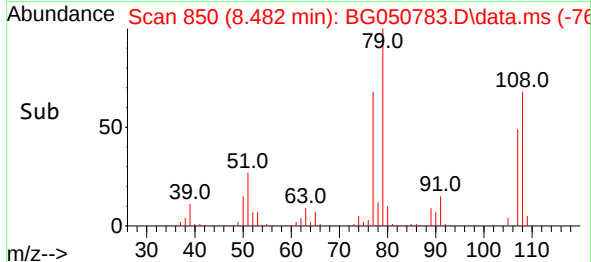
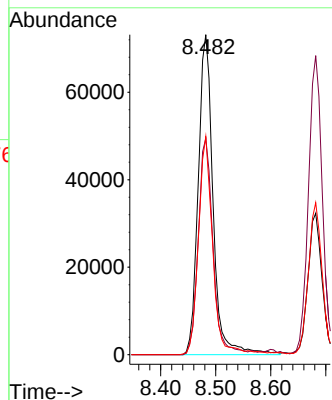
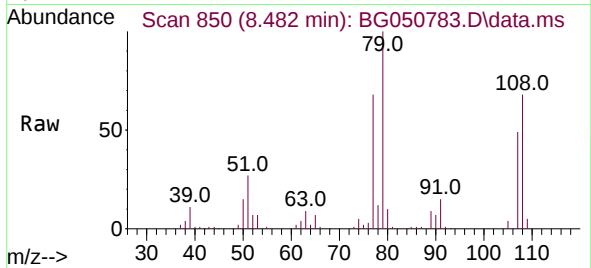




#15  
Benzyl Alcohol  
Concen: 52.973 ng  
RT: 8.482 min Scan# 850  
Delta R.T. -0.011 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

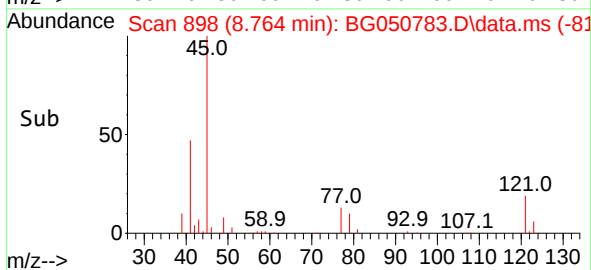
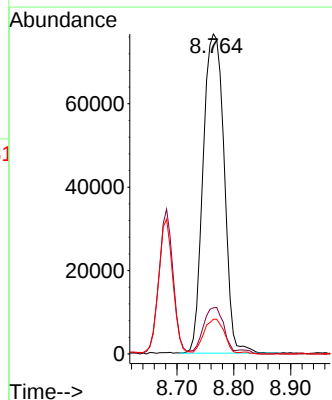
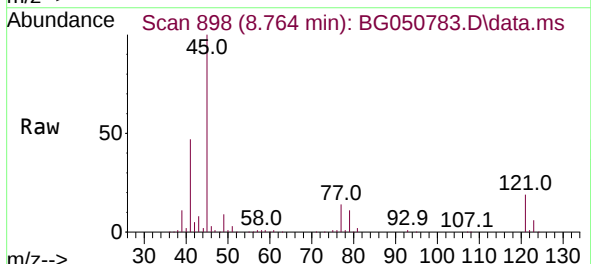
Instrument :  
BNA\_G  
ClientSampleId :  
WASTE-CHAR-(SUSPECT)MSD

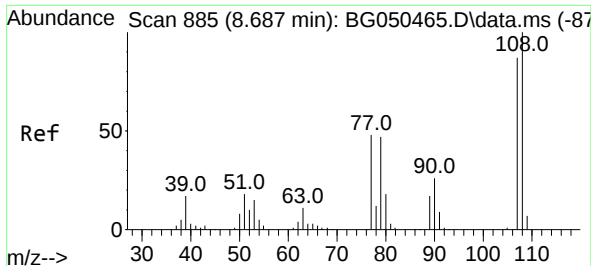
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 79    | Resp: | 137104 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 67.6  | 48.2  | 72.4   |
| 77        | 68.1  | 57.3  | 85.9   |



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 48.356 ng  
RT: 8.764 min Scan# 898  
Delta R.T. -0.011 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 196007 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 14.4  | 2.2   | 42.2   |
| 79        | 10.8  | 0.0   | 34.3   |

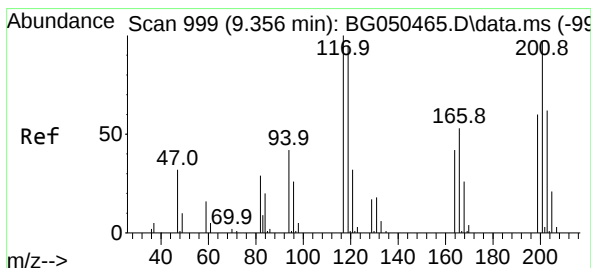
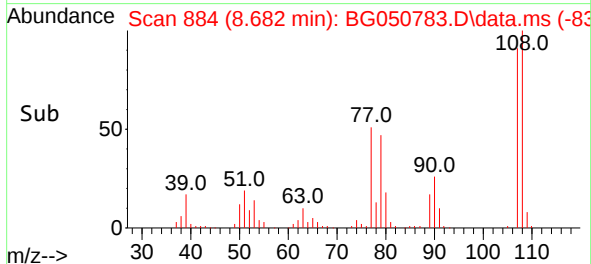
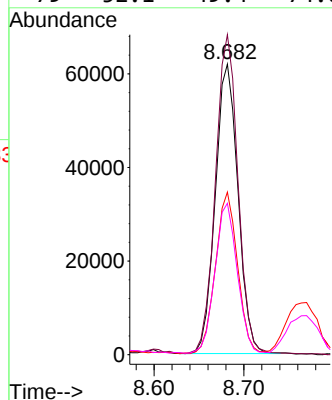
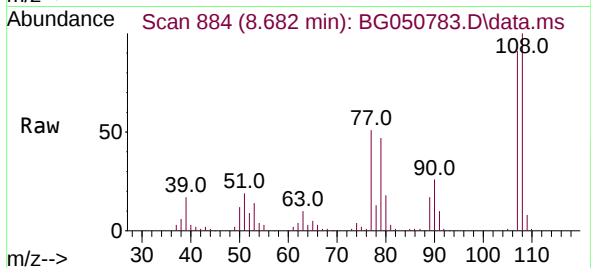




#17  
2-Methylphenol  
Concen: 51.793 ng  
RT: 8.682 min Scan# 884  
Delta R.T. -0.006 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

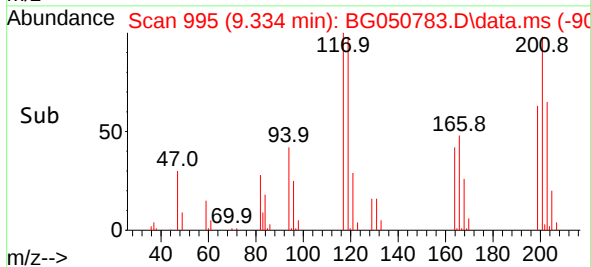
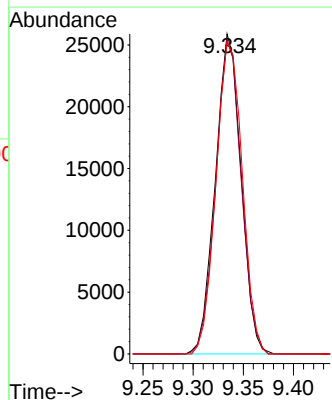
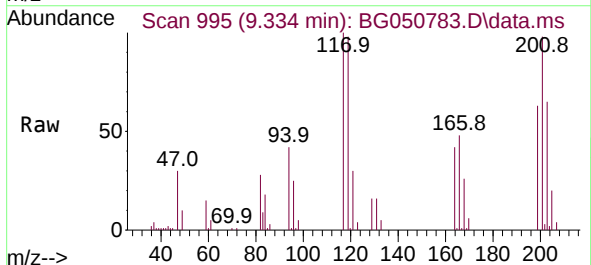
Instrument :  
BNA\_G  
ClientSampleId :  
WASTE-CHAR-(SUSPECT)MSD

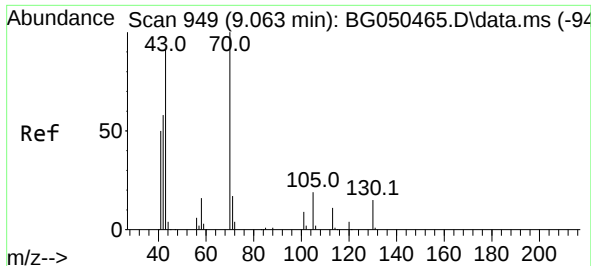
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 108522 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 110.1 | 84.6  | 127.0  |
| 77        | 56.0  | 50.7  | 76.1   |
| 79        | 52.1  | 49.4  | 74.0   |



#18  
Hexachloroethane  
Concen: 48.144 ng  
RT: 9.334 min Scan# 995  
Delta R.T. -0.017 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 46186 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 98.1  | 74.4  | 111.6 |
| 201       | 97.7  | 88.6  | 133.0 |

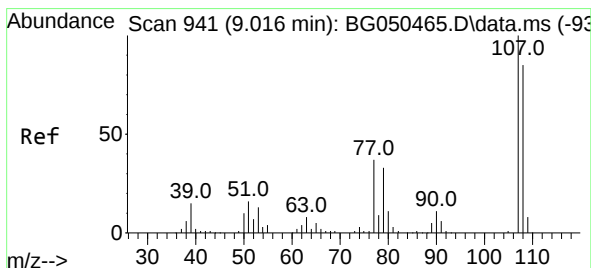
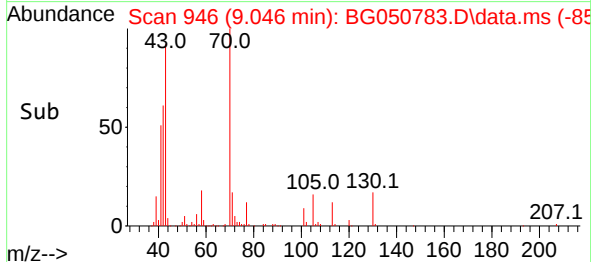
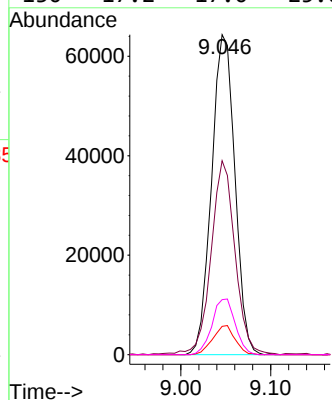
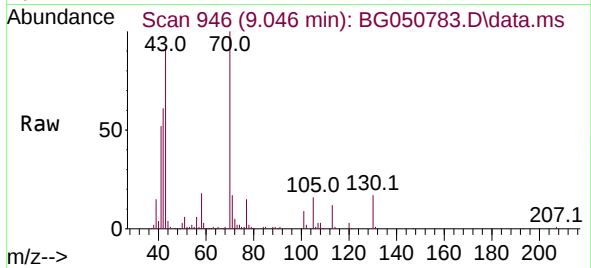




#19  
n-Nitroso-di-n-propylamine  
Concen: 48.602 ng  
RT: 9.046 min Scan# 946  
Delta R.T. -0.012 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

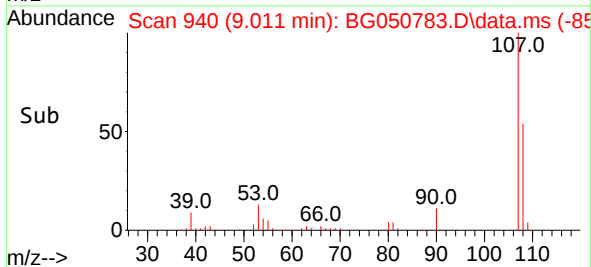
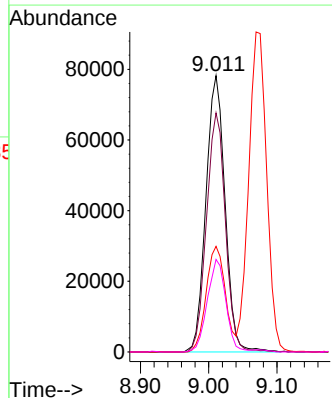
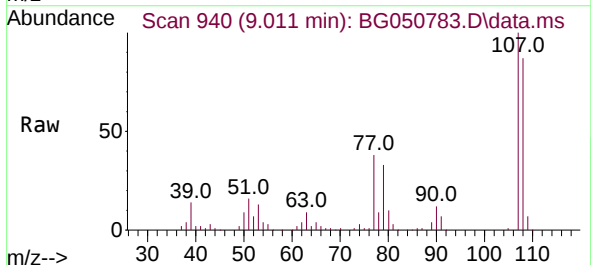
Instrument :  
BNA\_G  
ClientSampleId :  
WASTE-CHAR-(SUSPECT)MSD

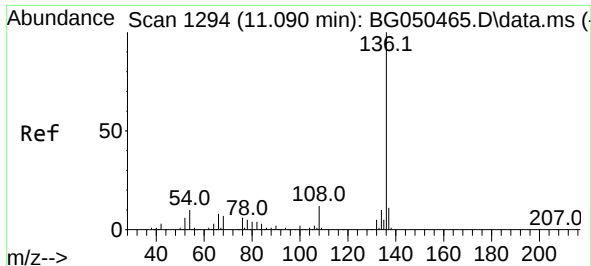
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 116022 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 60.6  | 54.5  | 81.7   |
| 101      | 8.9   | 9.0   | 13.6#  |
| 130      | 17.2  | 17.0  | 25.6   |



#20  
3+4-Methylphenols  
Concen: 51.722 ng  
RT: 9.011 min Scan# 940  
Delta R.T. -0.006 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 152542 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 86.5  | 69.3  | 109.3  |
| 77       | 38.2  | 25.2  | 65.2   |
| 79       | 33.5  | 15.1  | 55.1   |

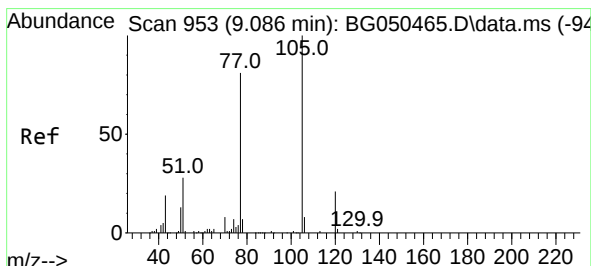
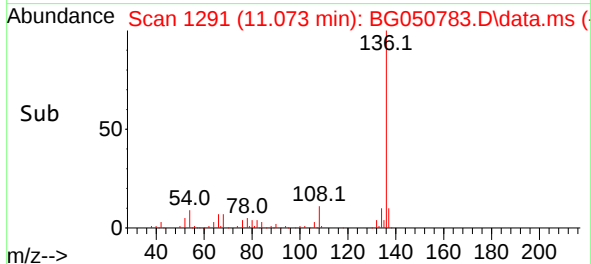
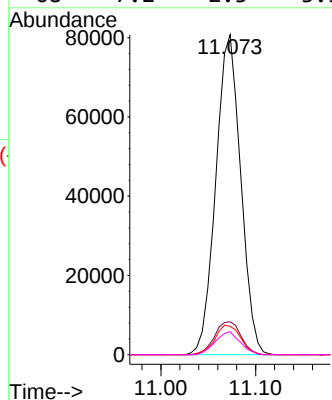
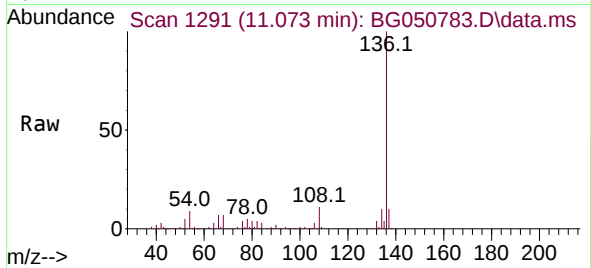




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.073 min Scan# 1291  
Delta R.T. -0.011 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

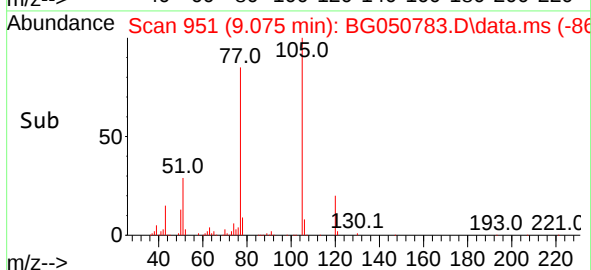
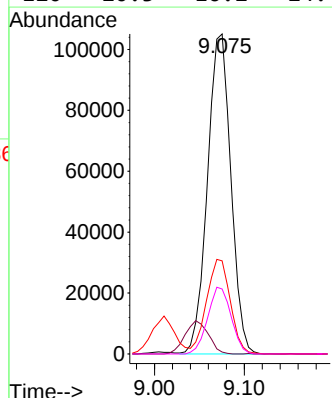
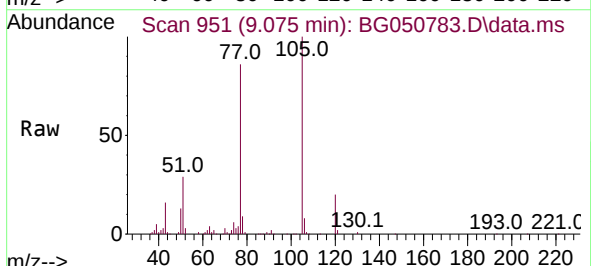
Instrument :  
BNA\_G  
ClientSampleId :  
WASTE-CHAR-(SUSPECT)MSD

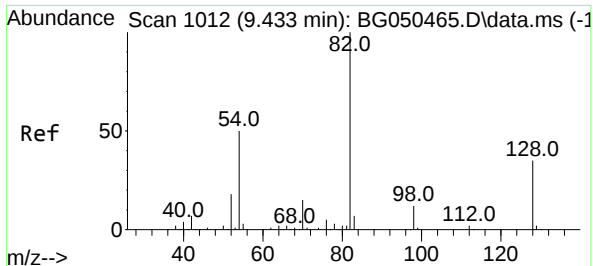
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 147366 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.3  | 8.2   | 12.2   |
| 54        | 8.9   | 5.5   | 8.3#   |
| 68        | 7.2   | 2.3   | 3.5#   |



#22  
Acetophenone  
Concen: 45.440 ng  
RT: 9.075 min Scan# 951  
Delta R.T. -0.011 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 190376 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 0.6   | 0.6   | 0.8    |
| 51        | 29.1  | 26.6  | 40.0   |
| 120       | 20.3  | 16.2  | 24.4   |





#23

Nitrobenzene-d5

Concen: 86.067 ng

RT: 9.416 min Scan# 1009

Delta R.T. -0.012 min

Lab File: BG050783.D

Acq: 29 Oct 2021 18:41

Tgt Ion: 82 Resp: 306391

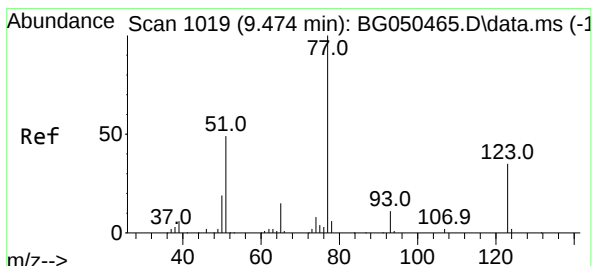
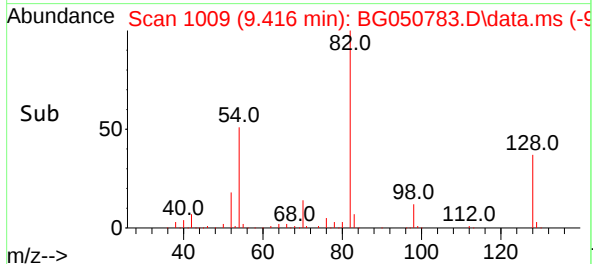
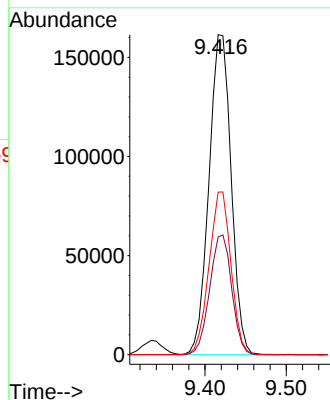
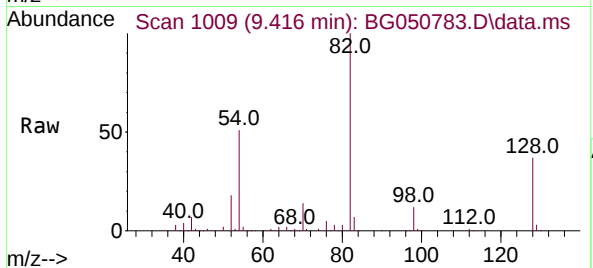
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 36.8  | 29.8  | 44.6  |
| 54  | 50.8  | 45.8  | 68.8  |

Instrument :

BNA\_G

ClientSampleId :

WASTE-CHAR-(SUSPECT)MSD



#24

Nitrobenzene

Concen: 46.807 ng

RT: 9.463 min Scan# 1017

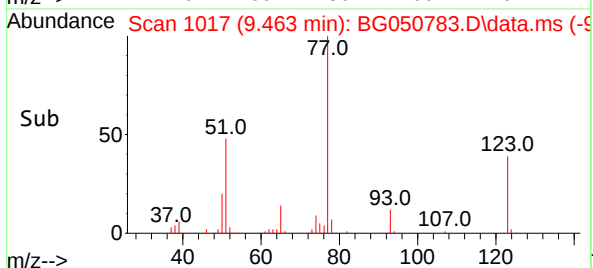
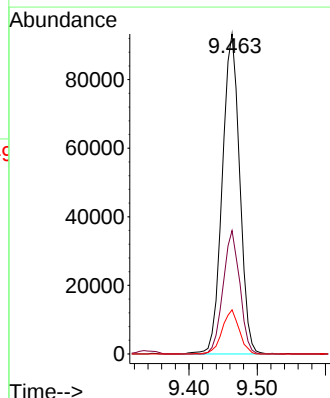
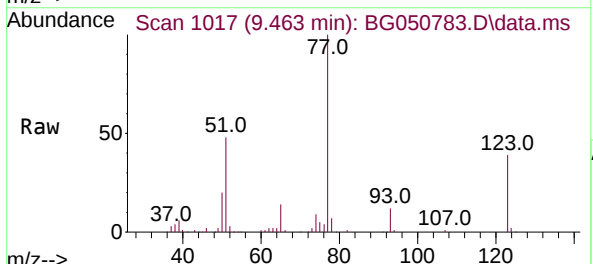
Delta R.T. -0.011 min

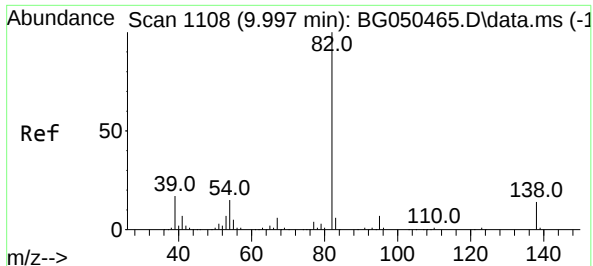
Lab File: BG050783.D

Acq: 29 Oct 2021 18:41

Tgt Ion: 77 Resp: 165684

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 38.6  | 27.5  | 41.3  |
| 65  | 13.8  | 12.6  | 18.8  |

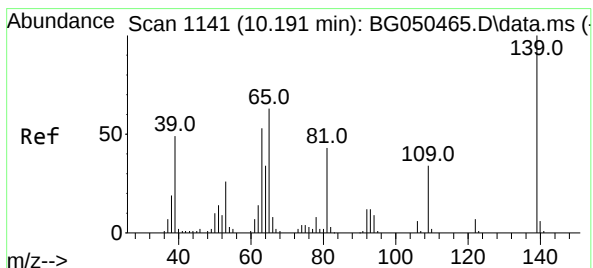
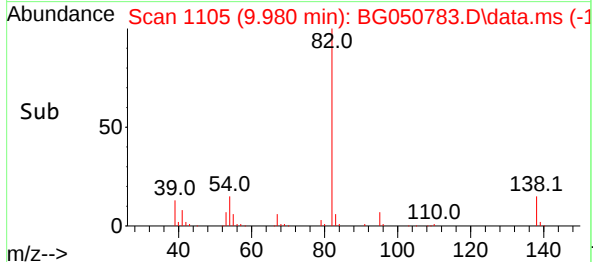
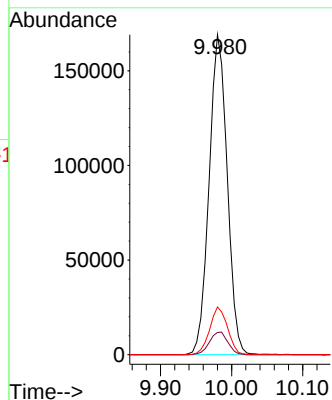
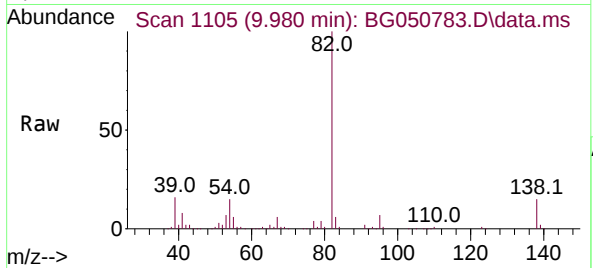




#25  
Isophorone  
Concen: 47.438 ng  
RT: 9.980 min Scan# 1105  
Delta R.T. -0.011 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

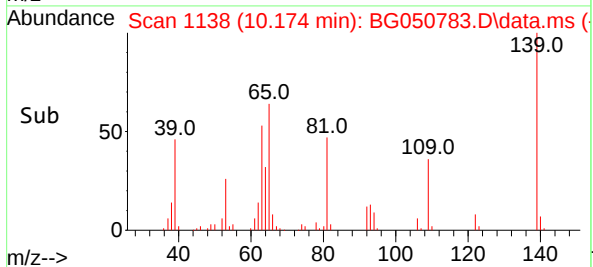
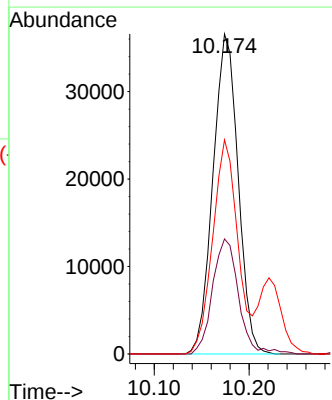
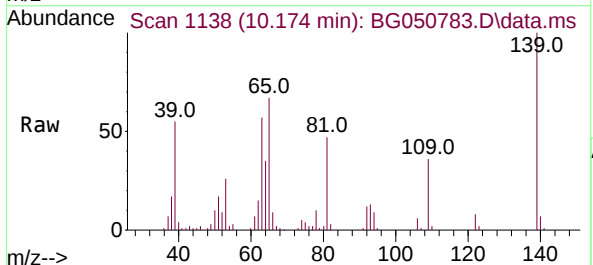
Instrument :  
BNA\_G  
ClientSampleId :  
WASTE-CHAR-(SUSPECT)MSD

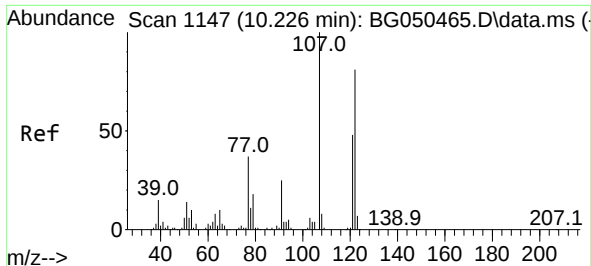
Tgt Ion: 82 Resp: 299538  
Ion Ratio Lower Upper  
82 100  
95 7.0 8.5 12.7#  
138 14.9 11.8 17.6



#26  
2-Nitrophenol  
Concen: 51.834 ng  
RT: 10.174 min Scan# 1138  
Delta R.T. -0.011 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

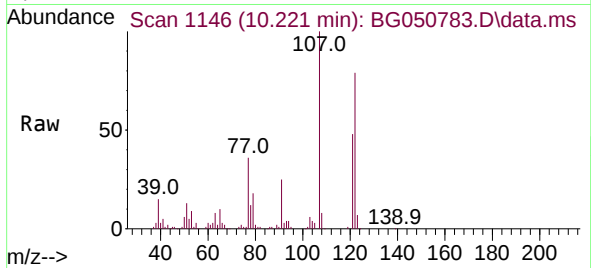
Tgt Ion: 139 Resp: 67371  
Ion Ratio Lower Upper  
139 100  
109 36.0 37.8 56.6#  
65 66.9 51.8 77.8



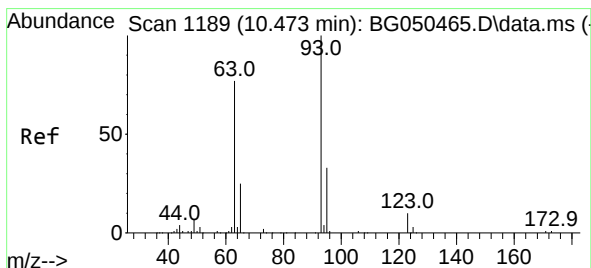
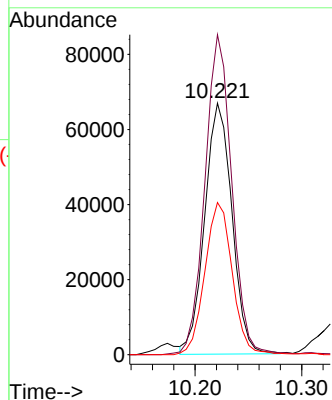
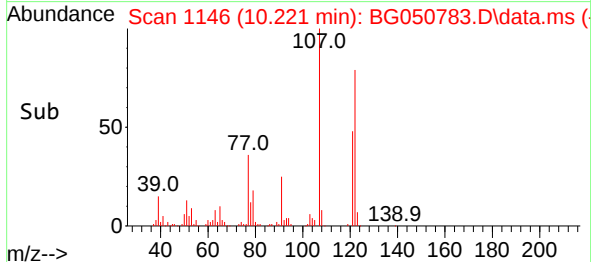


#27  
2,4-Dimethylphenol  
Concen: 52.957 ng  
RT: 10.221 min Scan# 1146  
Delta R.T. -0.011 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

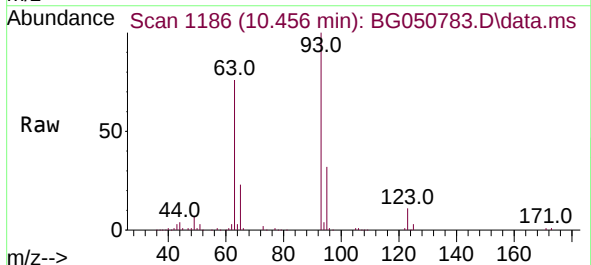
Instrument :  
BNA\_G  
ClientSampleId :  
WASTE-CHAR-(SUSPECT)MSD



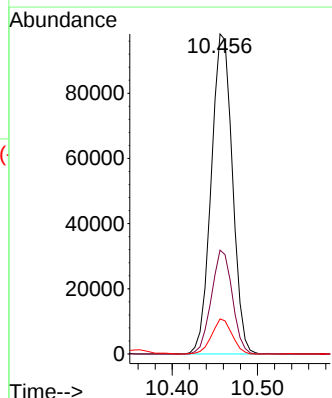
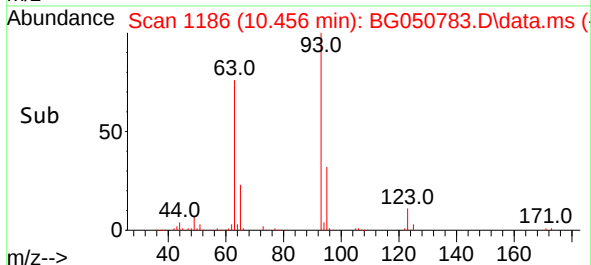
Tgt Ion:122 Resp: 118917  
Ion Ratio Lower Upper  
122 100  
107 127.2 110.1 165.1  
121 60.5 49.0 73.6

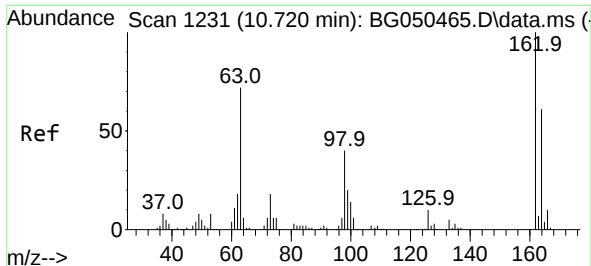


#28  
bis(2-Chloroethoxy)methane  
Concen: 46.831 ng  
RT: 10.456 min Scan# 1186  
Delta R.T. -0.017 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41



Tgt Ion: 93 Resp: 169080  
Ion Ratio Lower Upper  
93 100  
95 32.4 22.2 33.4  
123 10.9 8.8 13.2

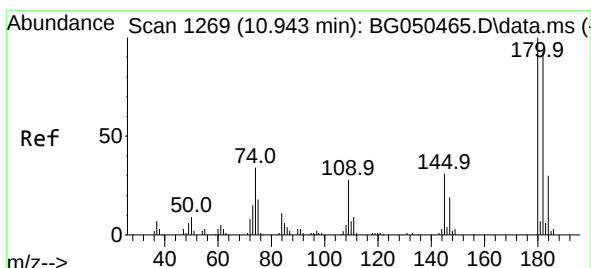
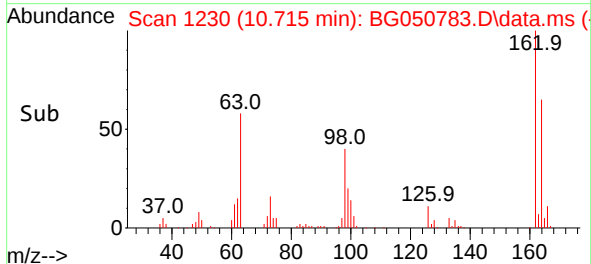
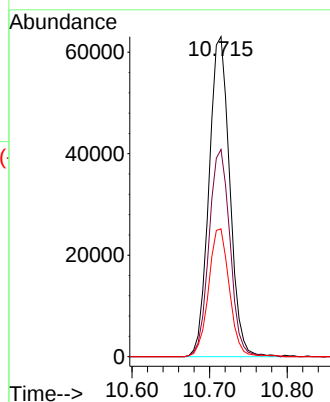
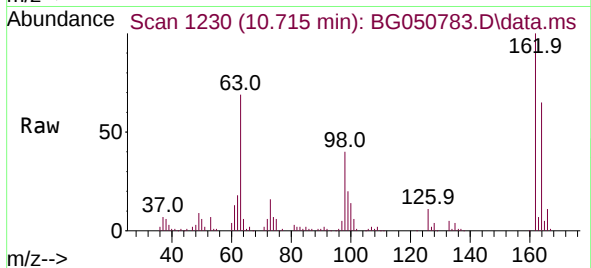




#29  
2,4-Dichlorophenol  
Concen: 51.234 ng  
RT: 10.715 min Scan# 1230  
Delta R.T. -0.006 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

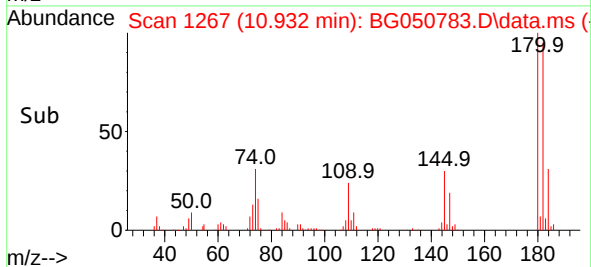
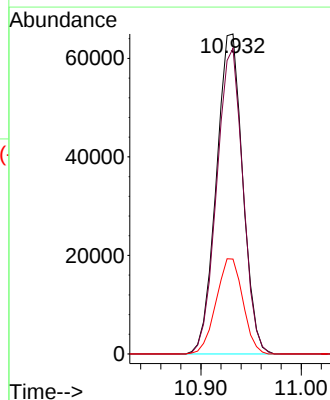
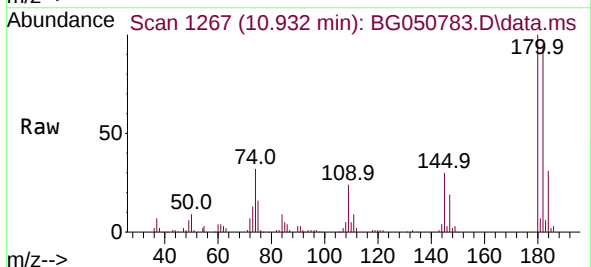
Instrument :  
BNA\_G  
ClientSampleId :  
WASTE-CHAR-(SUSPECT)MSD

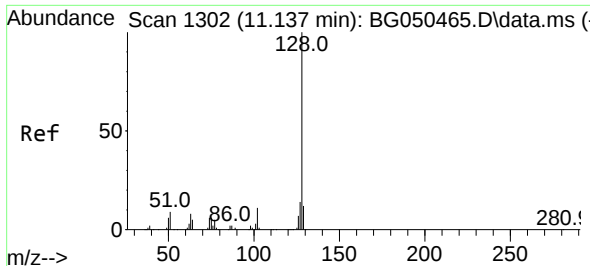
Tgt Ion:162 Resp: 117262  
Ion Ratio Lower Upper  
162 100  
164 64.8 39.4 79.4  
98 39.9 18.7 58.7



#30  
1,2,4-Trichlorobenzene  
Concen: 45.578 ng  
RT: 10.932 min Scan# 1267  
Delta R.T. -0.011 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

Tgt Ion:180 Resp: 118498  
Ion Ratio Lower Upper  
180 100  
182 95.5 78.9 118.3  
145 29.6 26.2 39.4

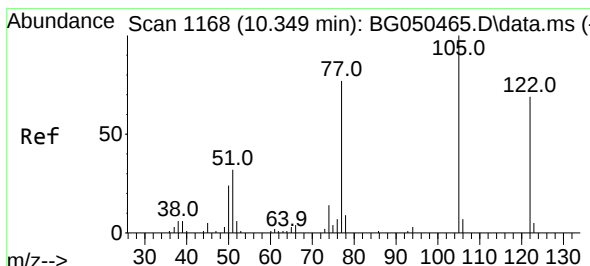
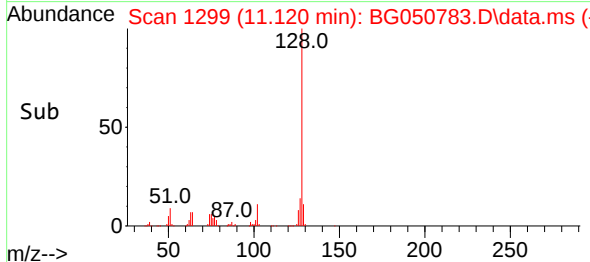
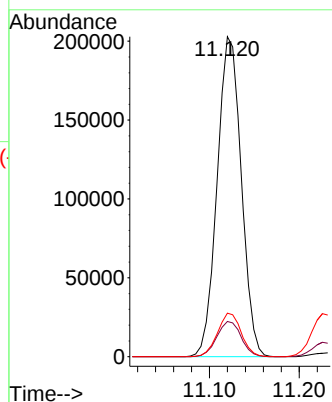
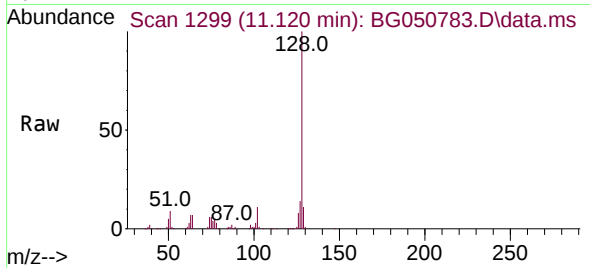




#31  
Naphthalene  
Concen: 47.984 ng  
RT: 11.120 min Scan# 1299  
Delta R.T. -0.017 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

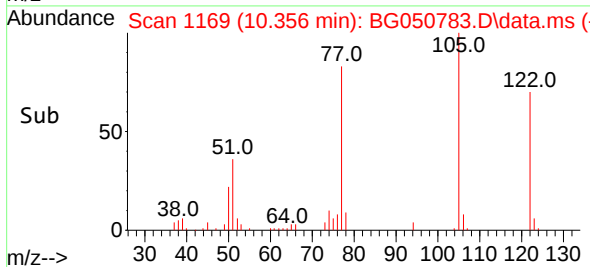
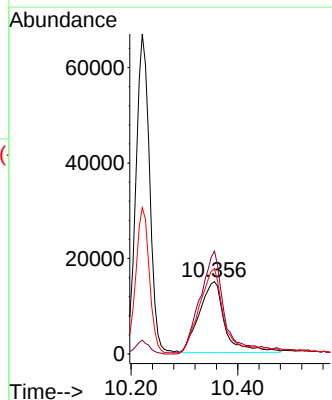
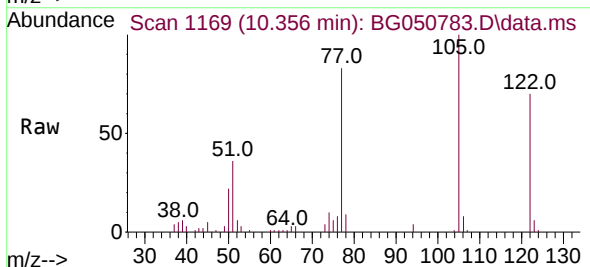
Instrument :  
BNA\_G  
ClientSampleId :  
WASTE-CHAR-(SUSPECT)MSD

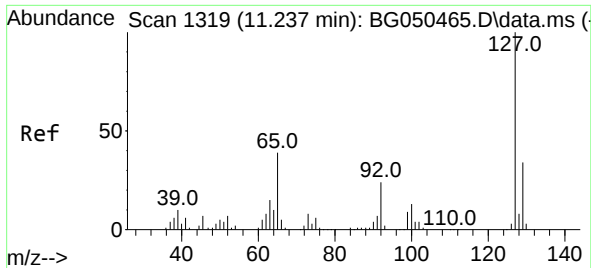
Tgt Ion:128 Resp: 378503  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.5 12.7  
127 13.6 10.2 15.4



#32  
Benzoic acid  
Concen: 29.852 ng  
RT: 10.356 min Scan# 1169  
Delta R.T. 0.000 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

Tgt Ion:122 Resp: 49751  
Ion Ratio Lower Upper  
122 100  
105 142.4 92.3 132.3#  
77 117.9 66.5 106.5#

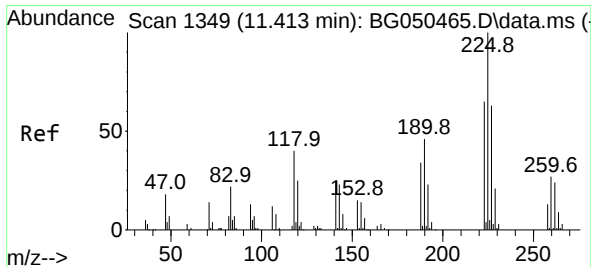
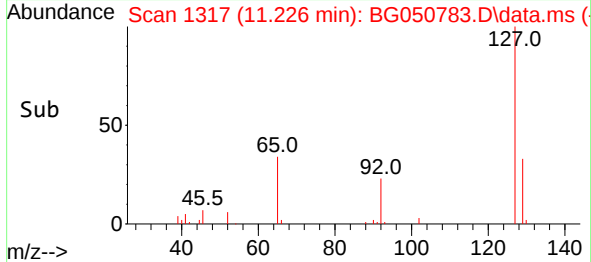
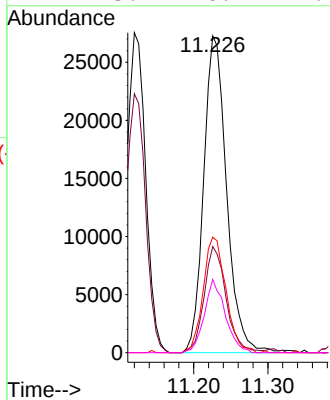
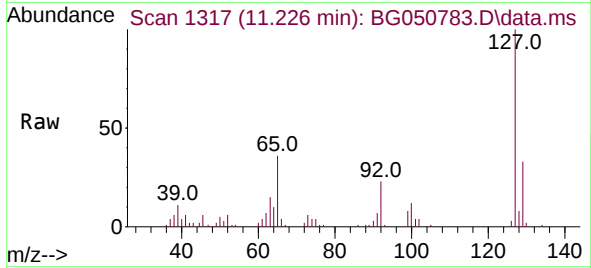




#33  
4-Chloroaniline  
Concen: 17.678 ng  
RT: 11.226 min Scan# 1317  
Delta R.T. -0.011 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

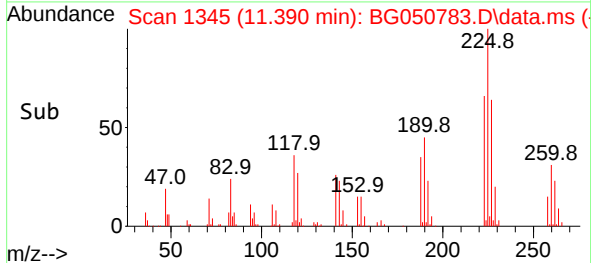
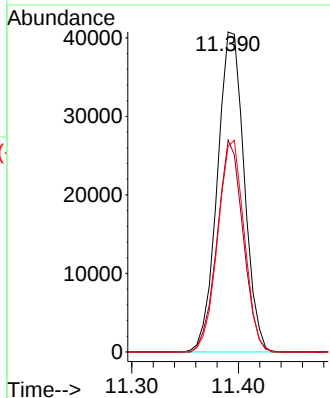
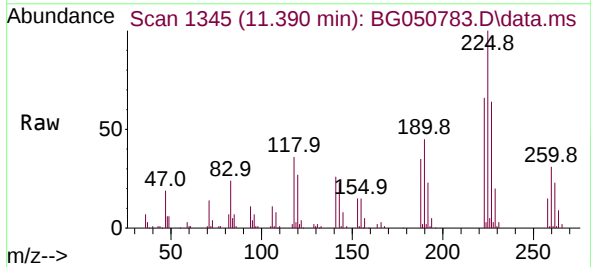
Instrument :  
BNA\_G  
ClientSampleId :  
WASTE-CHAR-(SUSPECT)MSD

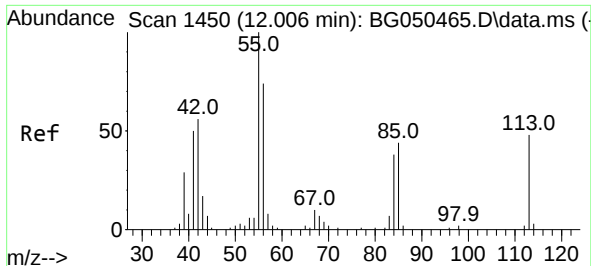
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:127 | Resp: | 58506     |
| Ion Ratio   | Lower | Upper     |
| 127         | 100   |           |
| 129         | 33.5  | 26.7 40.1 |
| 65          | 36.5  | 32.8 49.2 |
| 92          | 23.1  | 16.2 24.4 |



#34  
Hexachlorobutadiene  
Concen: 43.669 ng  
RT: 11.390 min Scan# 1345  
Delta R.T. -0.017 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 71277     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 66.1  | 49.8 74.8 |
| 227         | 64.3  | 46.4 69.6 |

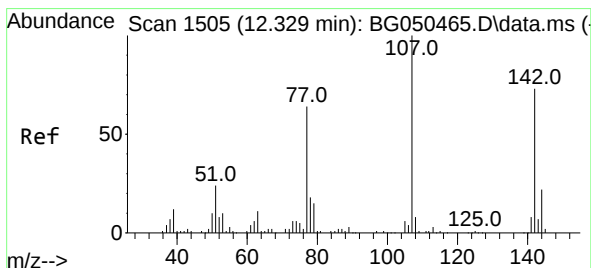
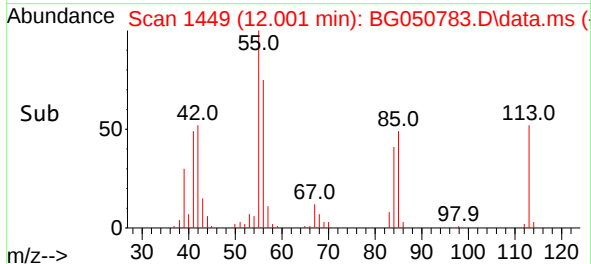
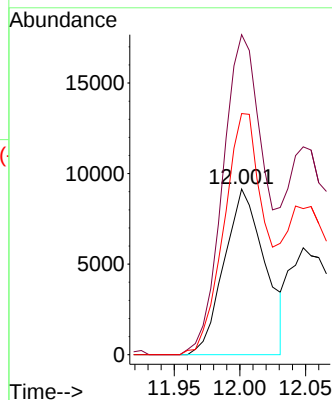
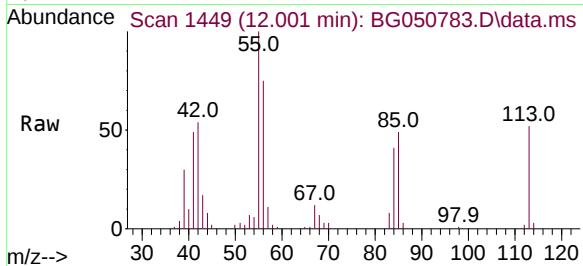




#35  
 Caprolactam  
 Concen: 22.585 ng  
 RT: 12.001 min Scan# 1449  
 Delta R.T. -0.006 min  
 Lab File: BG050783.D  
 Acq: 29 Oct 2021 18:41

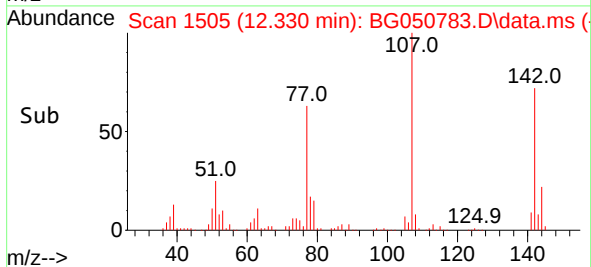
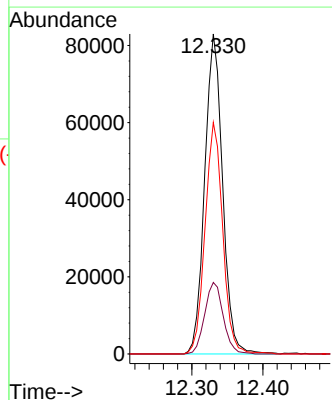
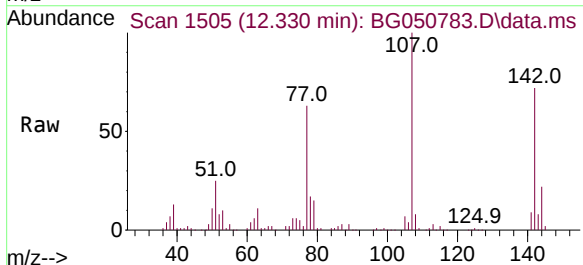
Instrument :  
 BNA\_G  
 ClientSampleId :  
 WASTE-CHAR-(SUSPECT)MSD

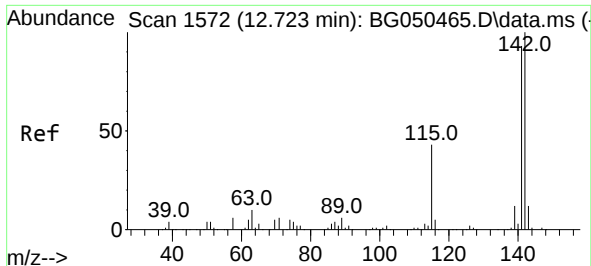
Tgt Ion:113 Resp: 19783  
 Ion Ratio Lower Upper  
 113 100  
 55 193.2 113.8 153.8#  
 56 145.5 105.6 145.6



#36  
 4-Chloro-3-methylphenol  
 Concen: 50.820 ng  
 RT: 12.330 min Scan# 1505  
 Delta R.T. -0.006 min  
 Lab File: BG050783.D  
 Acq: 29 Oct 2021 18:41

Tgt Ion:107 Resp: 145384  
 Ion Ratio Lower Upper  
 107 100  
 144 22.4 24.8 37.2#  
 142 72.3 62.2 93.4

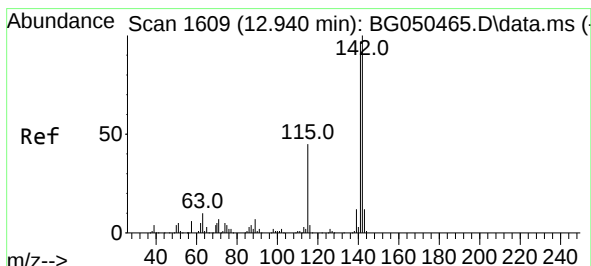
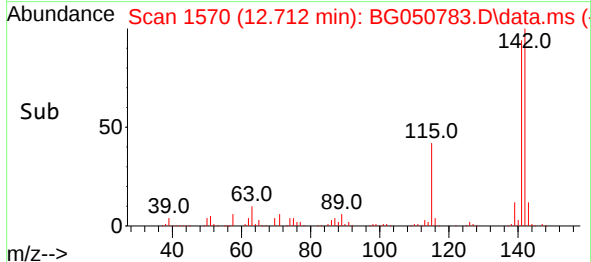
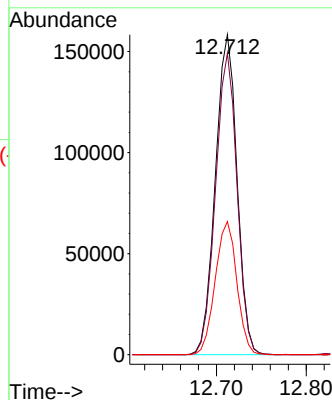
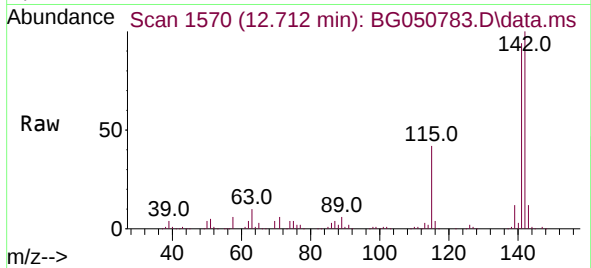




#37  
2-Methylnaphthalene  
Concen: 48.783 ng  
RT: 12.712 min Scan# 1570  
Delta R.T. -0.006 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

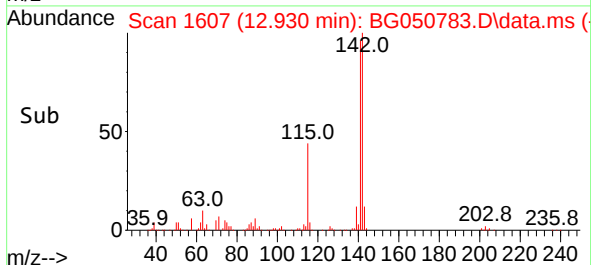
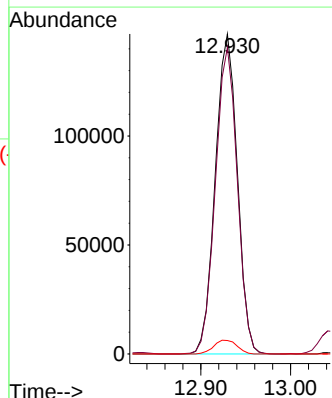
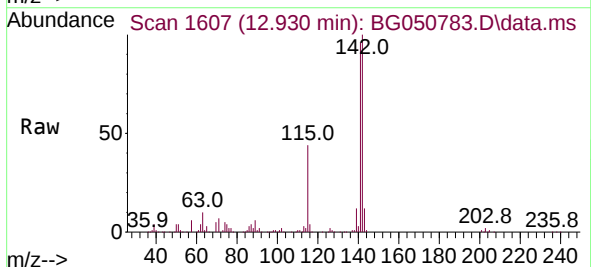
Instrument :  
BNA\_G  
ClientSampleId :  
WASTE-CHAR-(SUSPECT)MSD

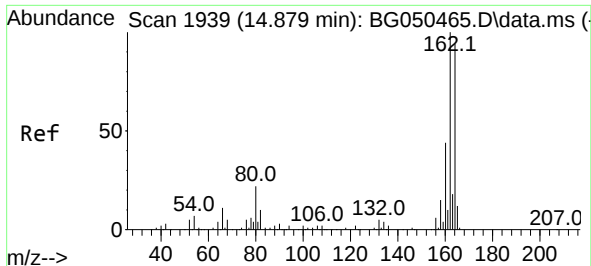
Tgt Ion:142 Resp: 265507  
Ion Ratio Lower Upper  
142 100  
141 94.2 68.8 103.2  
115 41.6 36.4 54.6



#38  
1-Methylnaphthalene  
Concen: 47.320 ng  
RT: 12.930 min Scan# 1607  
Delta R.T. -0.011 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

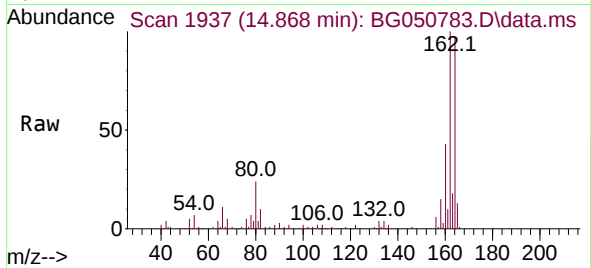
Tgt Ion:142 Resp: 249738  
Ion Ratio Lower Upper  
142 100  
141 95.7 70.6 106.0  
116 4.2 4.0 6.0



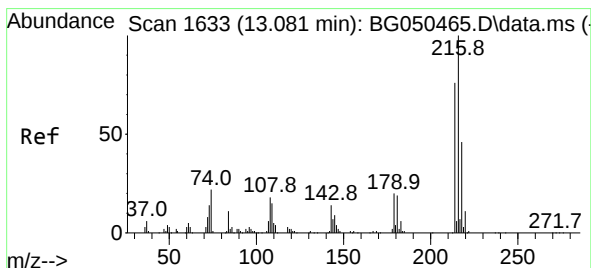
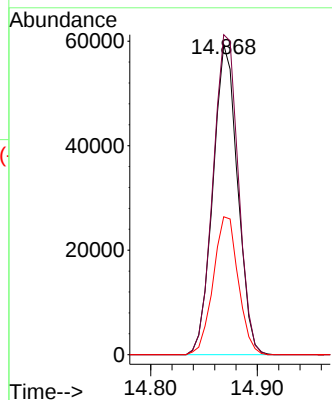
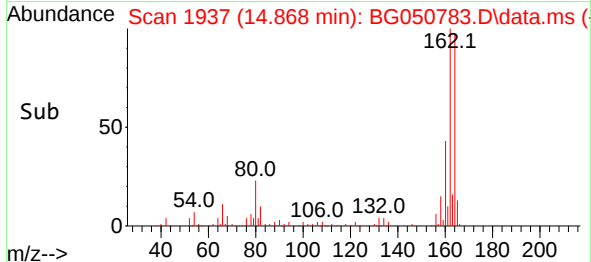


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.868 min Scan# 1937  
Delta R.T. -0.006 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

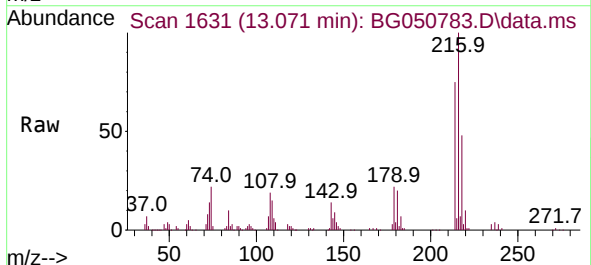
Instrument :  
BNA\_G  
ClientSampleId :  
WASTE-CHAR-(SUSPECT)MSD



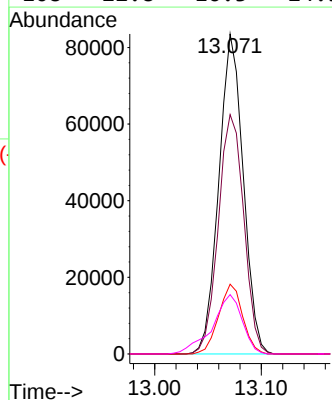
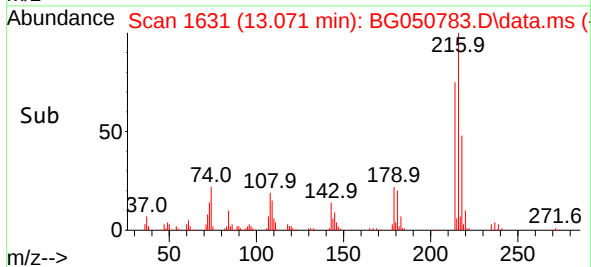
Tgt Ion:164 Resp: 95234  
Ion Ratio Lower Upper  
164 100  
162 103.2 81.4 122.0  
160 44.5 34.9 52.3

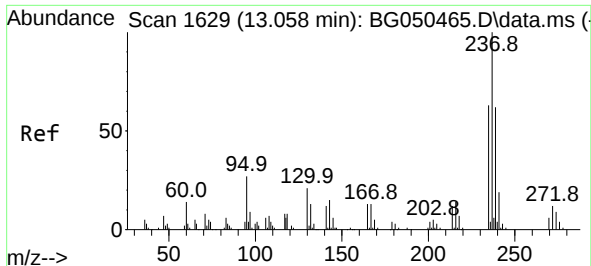


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 47.152 ng  
RT: 13.071 min Scan# 1631  
Delta R.T. -0.011 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41



Tgt Ion:216 Resp: 132606  
Ion Ratio Lower Upper  
216 100  
214 78.0 61.4 92.2  
179 21.4 17.3 25.9  
108 22.8 16.3 24.5

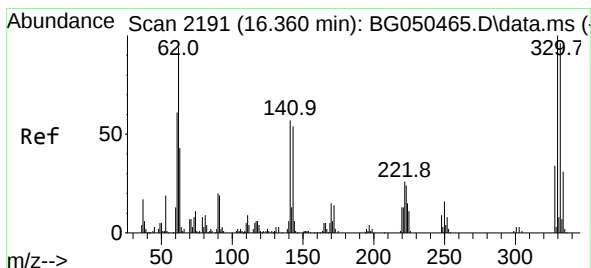
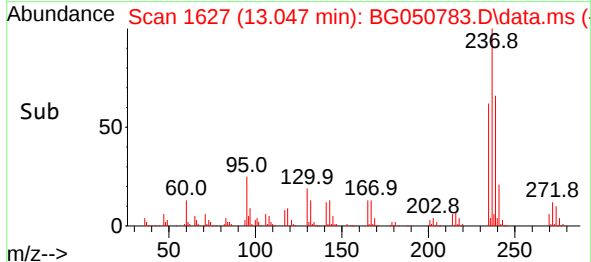
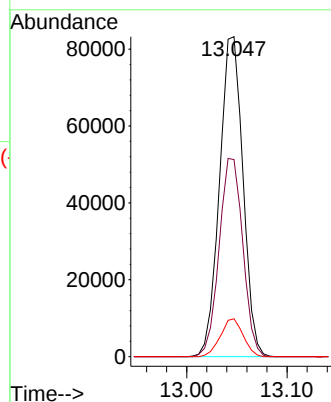
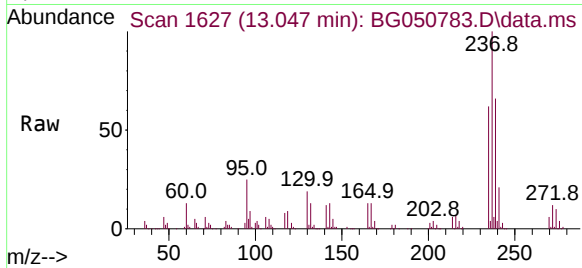




#41  
Hexachlorocyclopentadiene  
Concen: 83.051 ng  
RT: 13.047 min Scan# 1627  
Delta R.T. -0.006 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

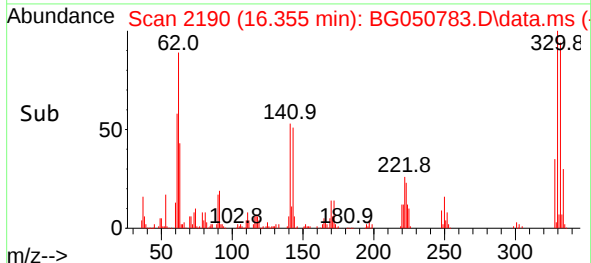
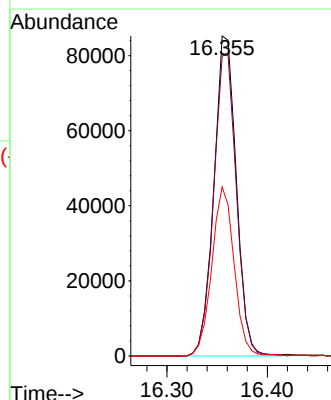
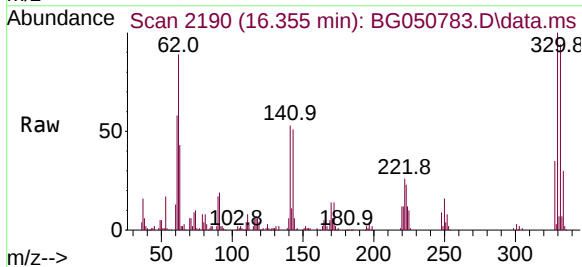
Instrument :  
BNA\_G  
ClientSampleId :  
WASTE-CHAR-(SUSPECT)MSD

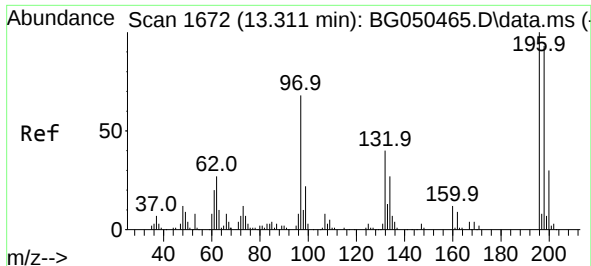
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 237   | Resp: | 134985 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 61.6  | 36.6  | 76.6   |
| 272       | 11.9  | 0.0   | 32.5   |



#42  
2,4,6-Tribromophenol  
Concen: 145.771 ng  
RT: 16.355 min Scan# 2190  
Delta R.T. -0.006 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 132413 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 95.7  | 77.3  | 115.9  |
| 141       | 52.4  | 35.6  | 53.4   |

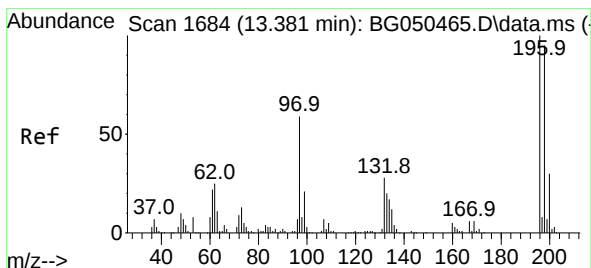
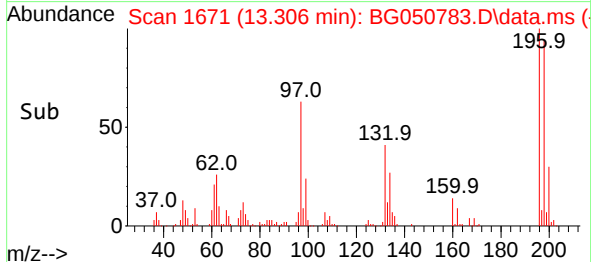
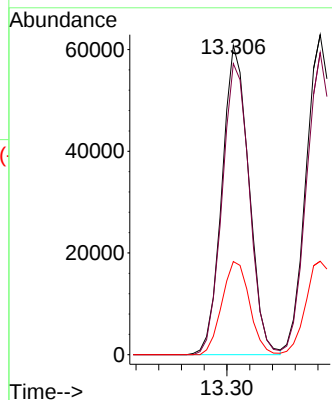
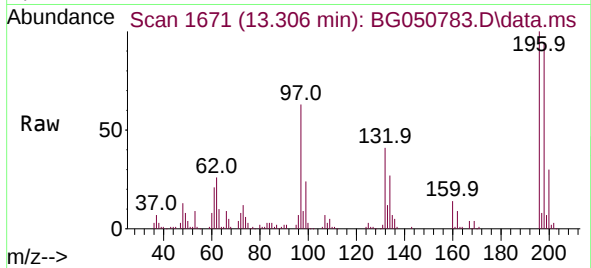




#43  
2,4,6-Trichlorophenol  
Concen: 50.471 ng  
RT: 13.306 min Scan# 1671  
Delta R.T. -0.006 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

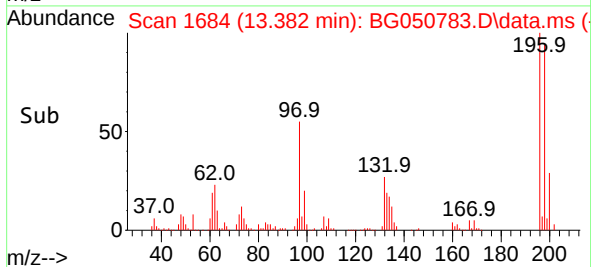
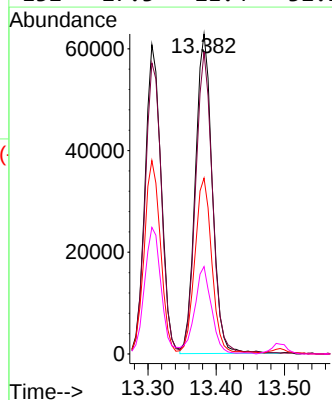
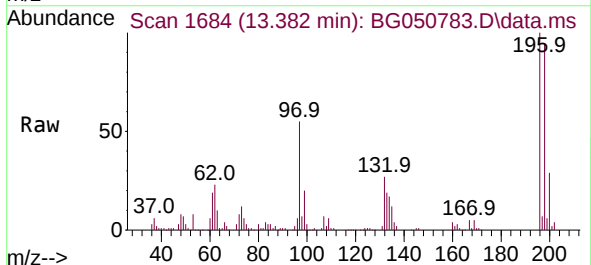
Instrument :  
BNA\_G  
ClientSampleId :  
WASTE-CHAR-(SUSPECT)MSD

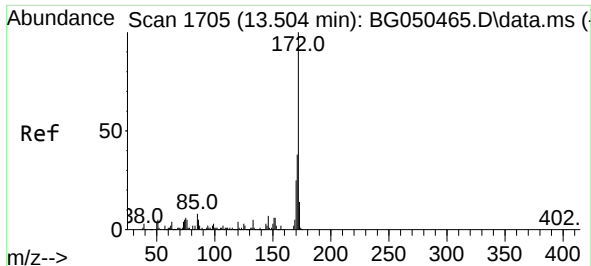
Tgt Ion:196 Resp: 100021  
Ion Ratio Lower Upper  
196 100  
198 94.1 82.1 123.1  
200 30.1 23.8 35.8



#44  
2,4,5-Trichlorophenol  
Concen: 52.067 ng  
RT: 13.382 min Scan# 1684  
Delta R.T. -0.006 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

Tgt Ion:196 Resp: 107880  
Ion Ratio Lower Upper  
196 100  
198 94.4 87.4 131.0  
97 54.9 43.3 64.9  
132 27.3 21.4 32.2

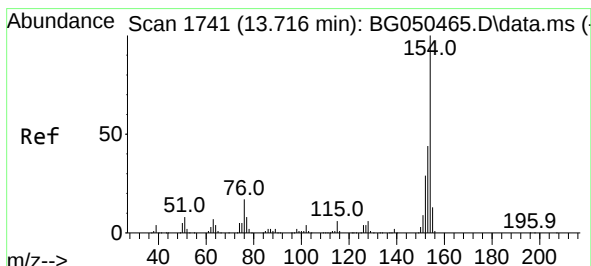
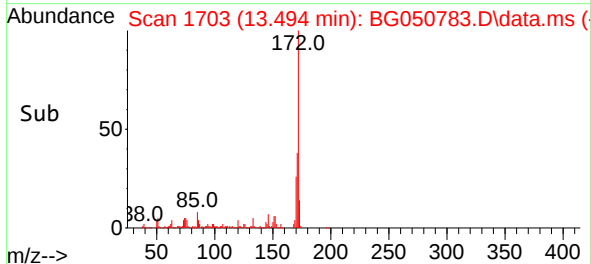
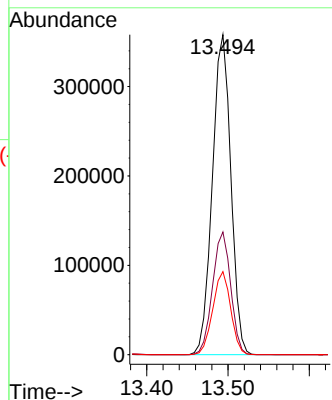
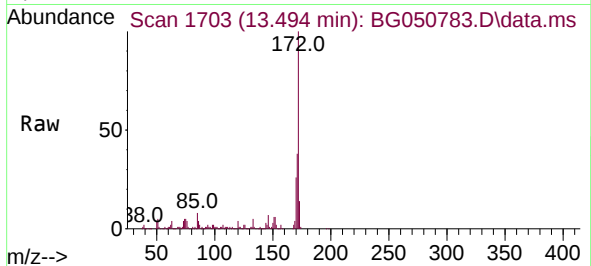




#45  
2-Fluorobiphenyl  
Concen: 89.437 ng  
RT: 13.494 min Scan# 1703  
Delta R.T. -0.011 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

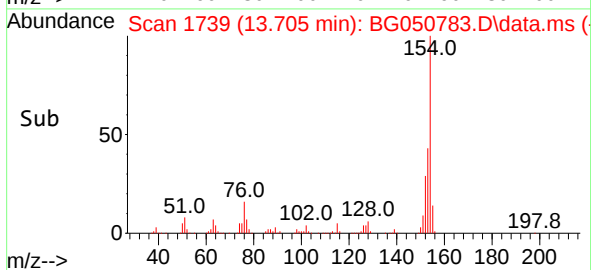
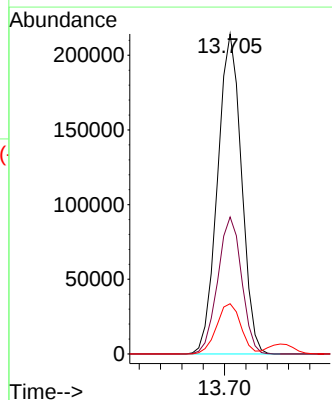
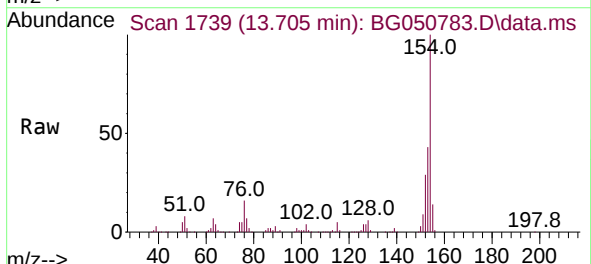
Instrument :  
BNA\_G  
ClientSampleId :  
WASTE-CHAR-(SUSPECT)MSD

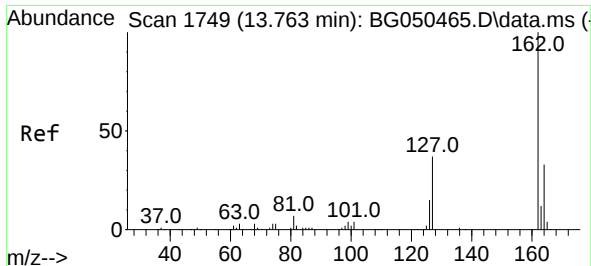
Tgt Ion:172 Resp: 565932  
Ion Ratio Lower Upper  
172 100  
171 38.3 28.6 43.0  
170 25.9 18.6 27.8



#46  
1,1'-Biphenyl  
Concen: 47.927 ng  
RT: 13.705 min Scan# 1739  
Delta R.T. -0.006 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

Tgt Ion:154 Resp: 332921  
Ion Ratio Lower Upper  
154 100  
153 42.8 20.5 60.5  
76 15.7 0.0 29.3

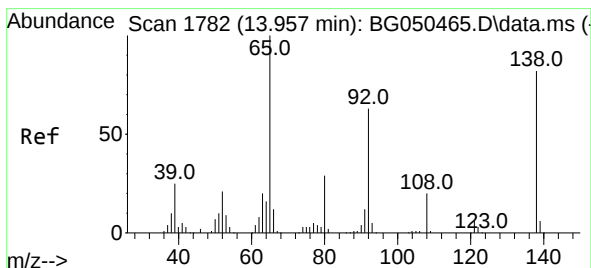
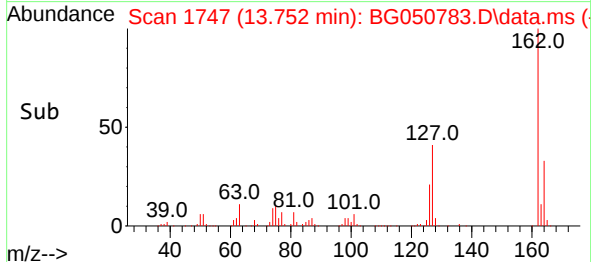
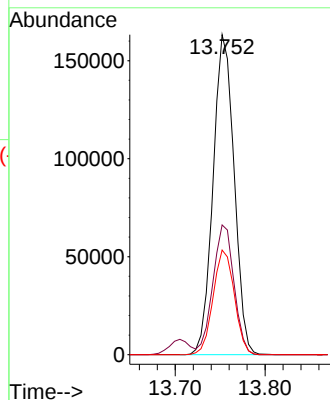
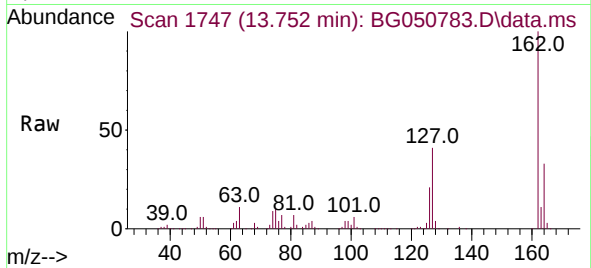




#47  
2-Chloronaphthalene  
Concen: 49.816 ng  
RT: 13.752 min Scan# 1747  
Delta R.T. -0.012 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

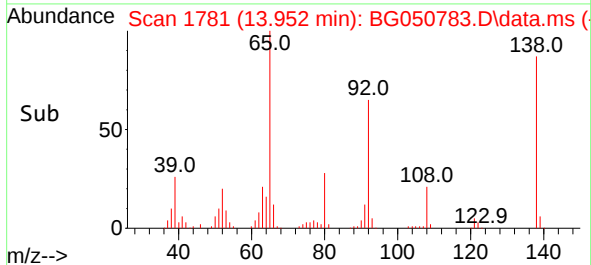
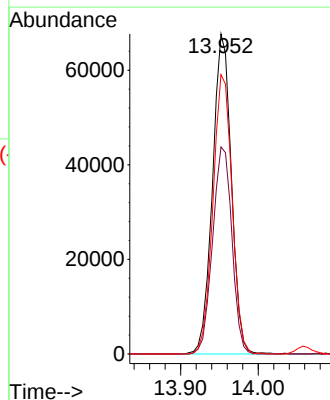
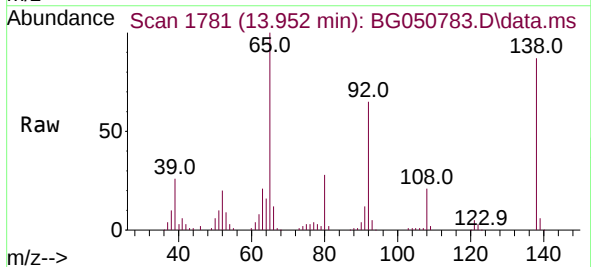
Instrument :  
BNA\_G  
ClientSampleId :  
WASTE-CHAR-(SUSPECT)MSD

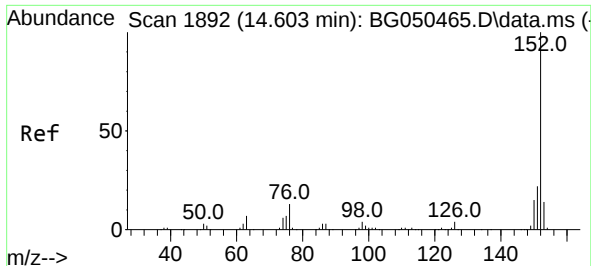
Tgt Ion:162 Resp: 265709  
Ion Ratio Lower Upper  
162 100  
127 40.6 32.7 49.1  
164 32.7 27.0 40.4



#48  
2-Nitroaniline  
Concen: 53.839 ng  
RT: 13.952 min Scan# 1781  
Delta R.T. -0.006 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

Tgt Ion: 65 Resp: 114236  
Ion Ratio Lower Upper  
65 100  
92 64.7 47.2 70.8  
138 87.3 68.0 102.0

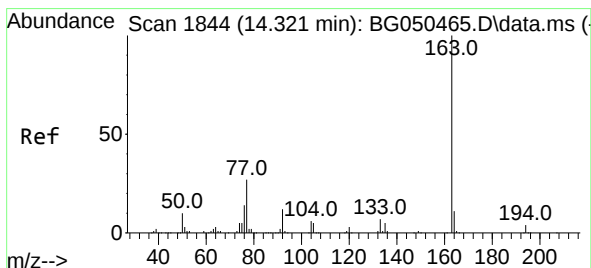
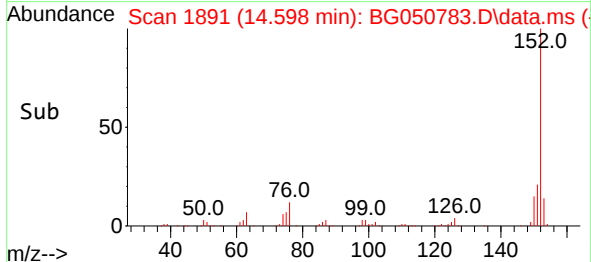
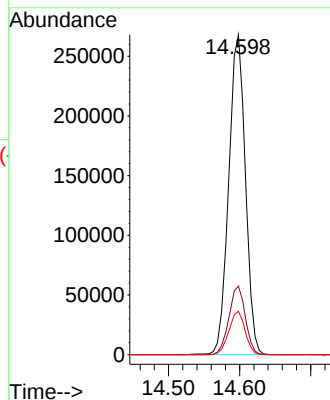
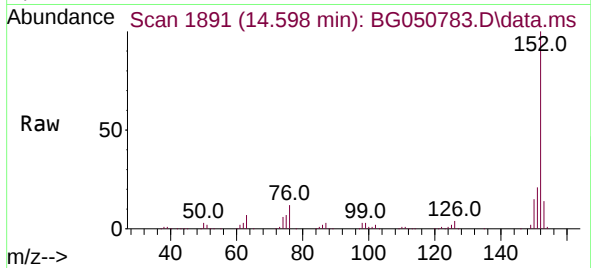




#49  
Acenaphthylene  
Concen: 49.927 ng  
RT: 14.598 min Scan# 1891  
Delta R.T. -0.006 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

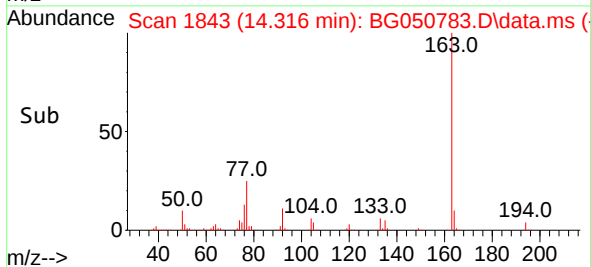
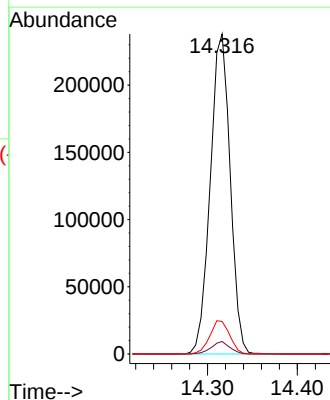
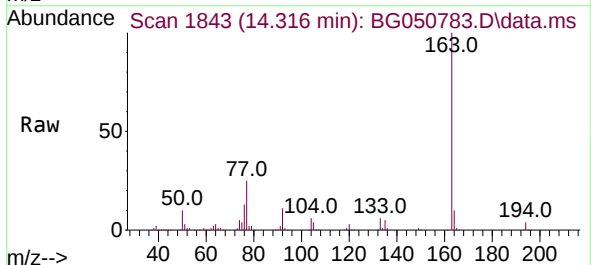
Instrument :  
BNA\_G  
ClientSampleId :  
WASTE-CHAR-(SUSPECT)MSD

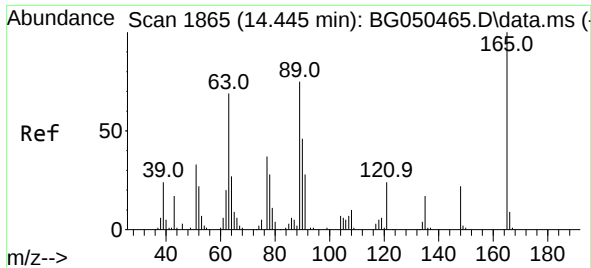
Tgt Ion:152 Resp: 436338  
Ion Ratio Lower Upper  
152 100  
151 21.5 18.2 27.4  
153 13.6 11.7 17.5



#50  
Dimethylphthalate  
Concen: 50.848 ng  
RT: 14.316 min Scan# 1843  
Delta R.T. -0.006 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

Tgt Ion:163 Resp: 366023  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.0 4.6  
164 10.1 8.6 12.8

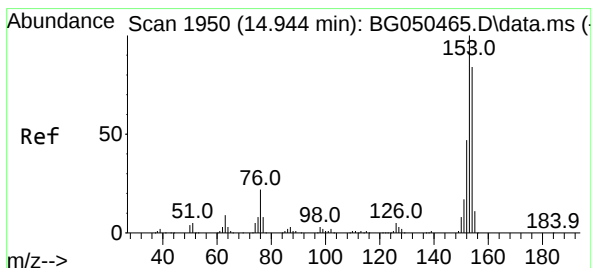
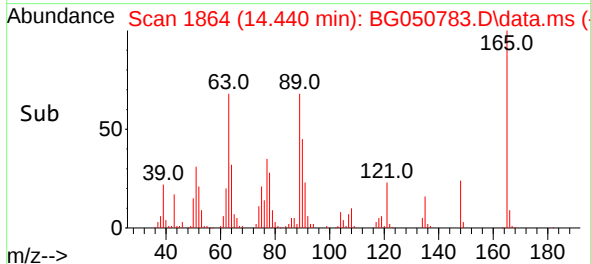
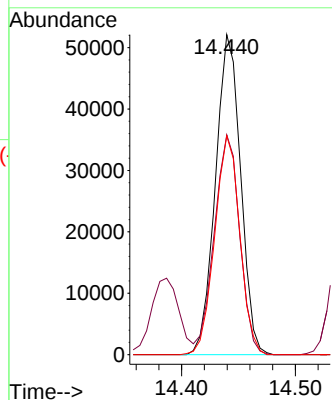
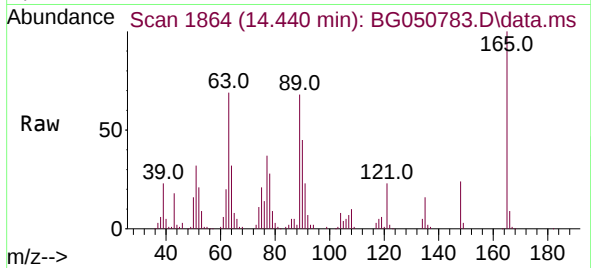




#51  
2,6-Dinitrotoluene  
Concen: 55.606 ng  
RT: 14.440 min Scan# 1864  
Delta R.T. -0.006 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

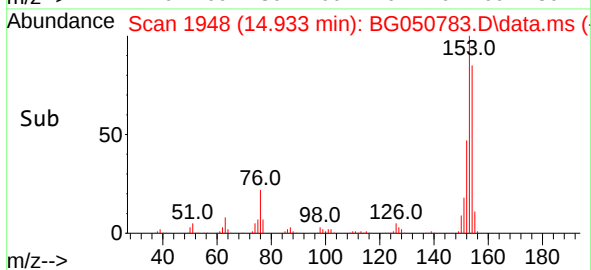
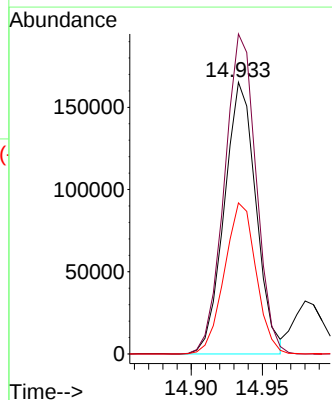
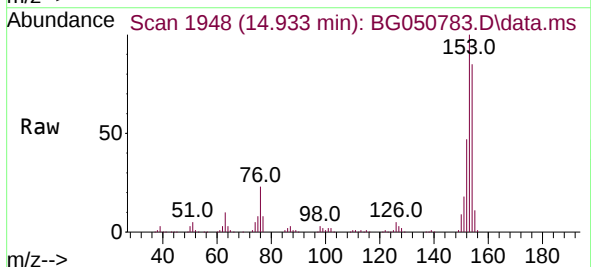
Instrument :  
BNA\_G  
ClientSampleId :  
WASTE-CHAR-(SUSPECT)MSD

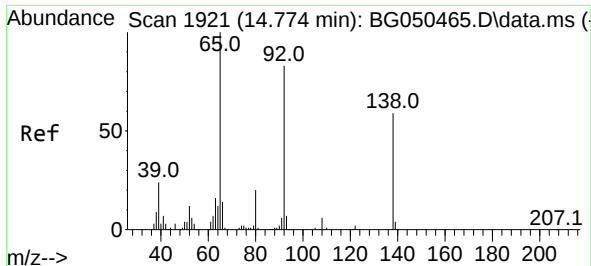
Tgt Ion:165 Resp: 80173  
Ion Ratio Lower Upper  
165 100  
63 68.7 63.3 94.9  
89 68.4 63.4 95.0



#52  
Acenaphthene  
Concen: 45.806 ng  
RT: 14.933 min Scan# 1948  
Delta R.T. -0.011 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

Tgt Ion:154 Resp: 257250  
Ion Ratio Lower Upper  
154 100  
153 117.8 87.0 130.4  
152 55.6 40.1 60.1

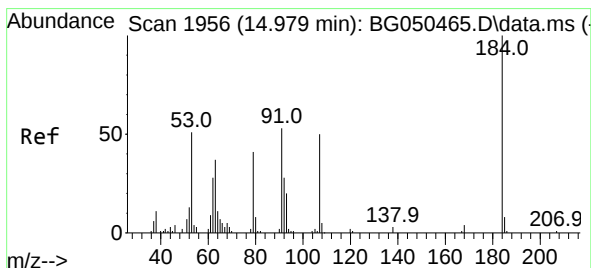
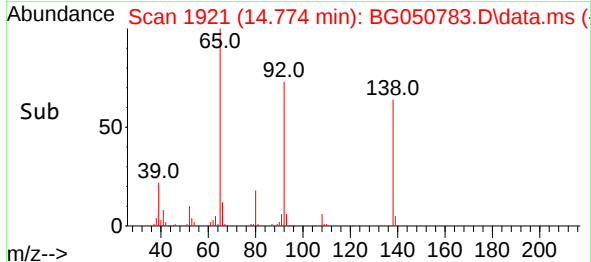
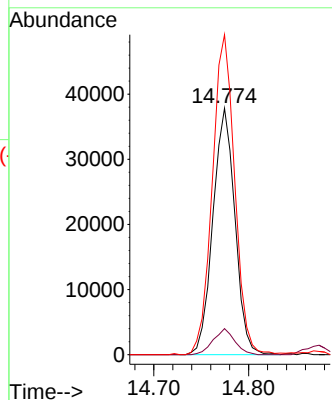
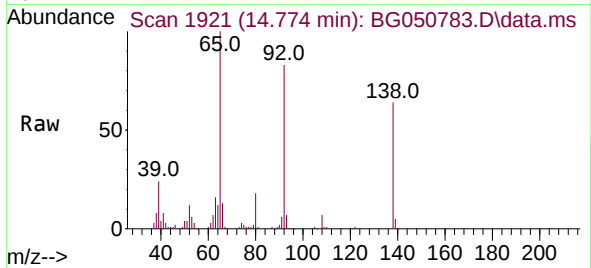




#53  
3-Nitroaniline  
Concen: 35.865 ng  
RT: 14.774 min Scan# 1921  
Delta R.T. -0.006 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

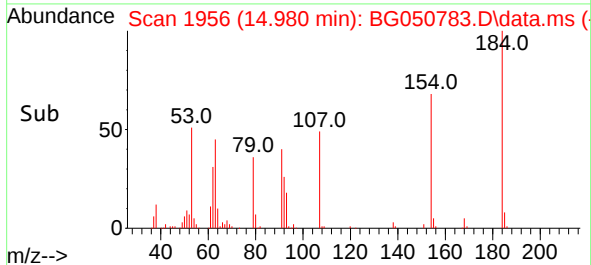
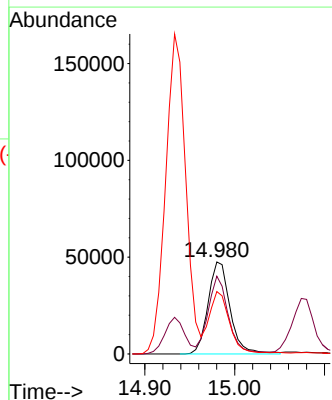
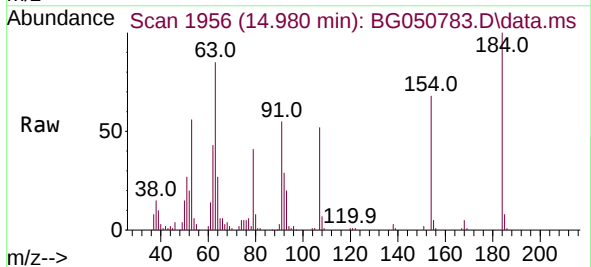
Instrument :  
BNA\_G  
ClientSampleId :  
WASTE-CHAR-(SUSPECT)MSD

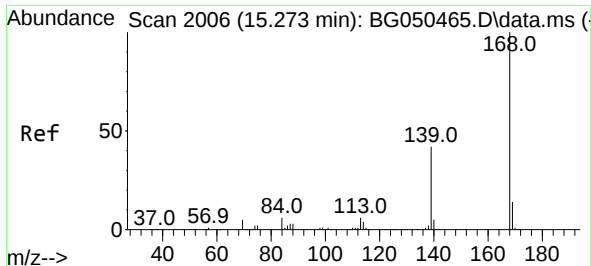
Tgt Ion:138 Resp: 61167  
Ion Ratio Lower Upper  
138 100  
108 10.6 8.3 12.5  
92 129.9 96.4 144.6



#54  
2,4-Dinitrophenol  
Concen: 90.489 ng  
RT: 14.980 min Scan# 1956  
Delta R.T. 0.000 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

Tgt Ion:184 Resp: 80938  
Ion Ratio Lower Upper  
184 100  
63 84.5 68.3 102.5  
154 67.9 62.6 93.8

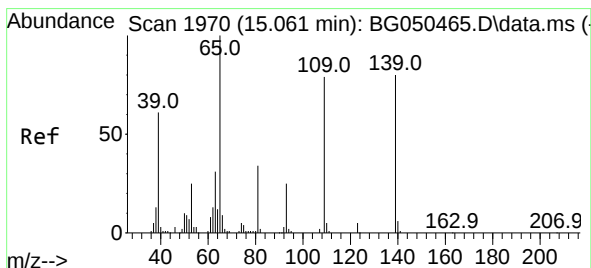
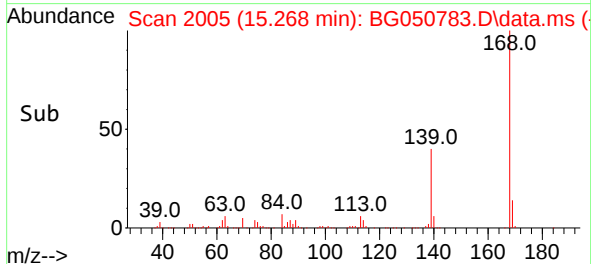
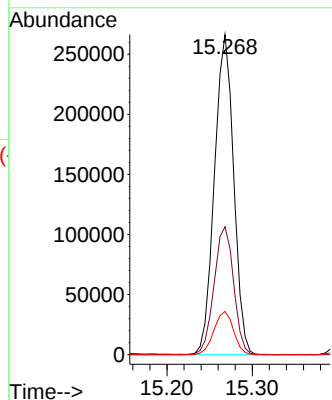
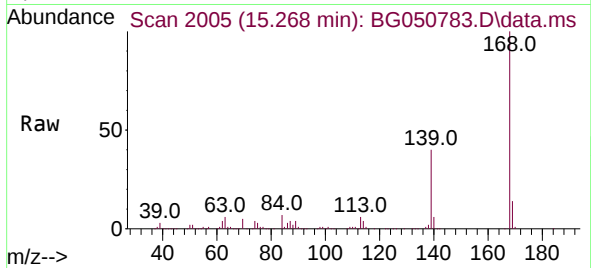




#55  
Dibenzofuran  
Concen: 47.986 ng  
RT: 15.268 min Scan# 2005  
Delta R.T. -0.006 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

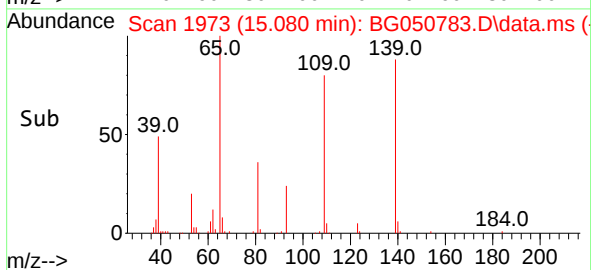
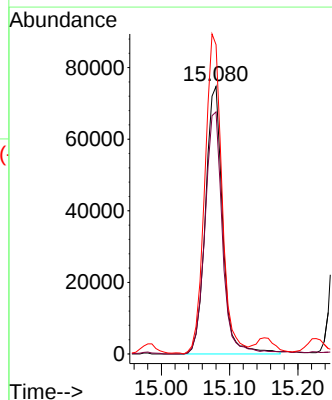
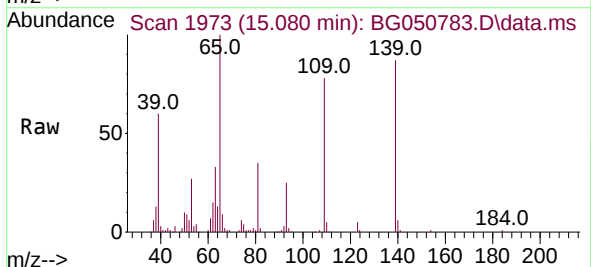
Instrument :  
BNA\_G  
ClientSampleId :  
WASTE-CHAR-(SUSPECT)MSD

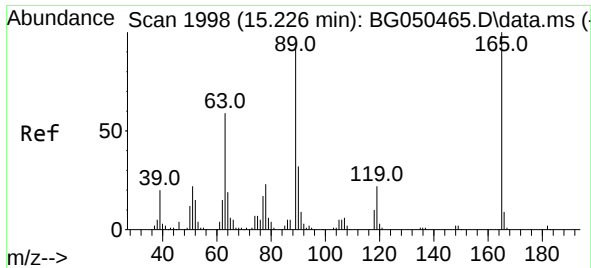
Tgt Ion:168 Resp: 416796  
Ion Ratio Lower Upper  
168 100  
139 40.0 33.4 50.2  
169 13.5 12.3 18.5



#56  
4-Nitrophenol  
Concen: 95.742 ng  
RT: 15.080 min Scan# 1973  
Delta R.T. 0.012 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

Tgt Ion:139 Resp: 131346  
Ion Ratio Lower Upper  
139 100  
109 90.5 116.3 156.3#  
65 115.6 105.0 145.0

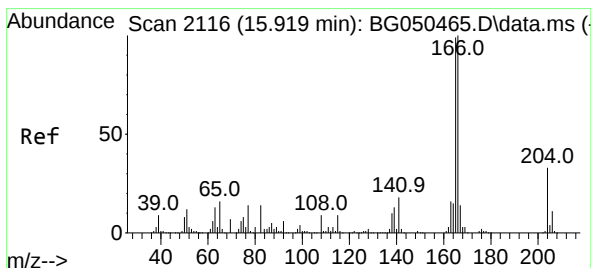
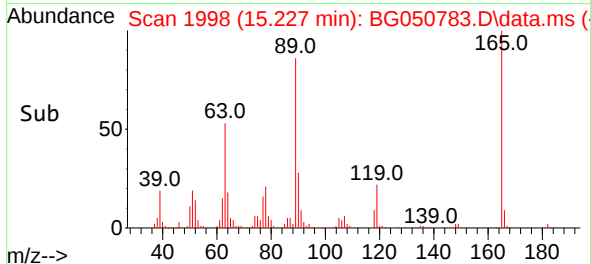
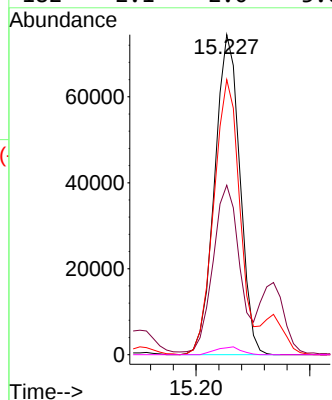
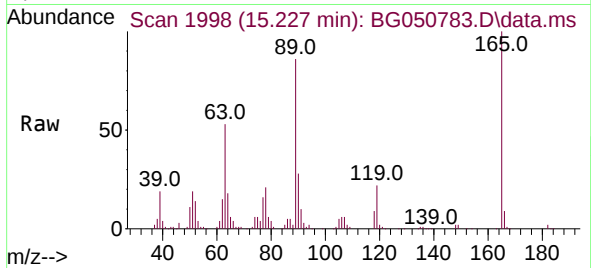




#57  
2,4-Dinitrotoluene  
Concen: 56.428 ng  
RT: 15.227 min Scan# 1998  
Delta R.T. 0.000 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

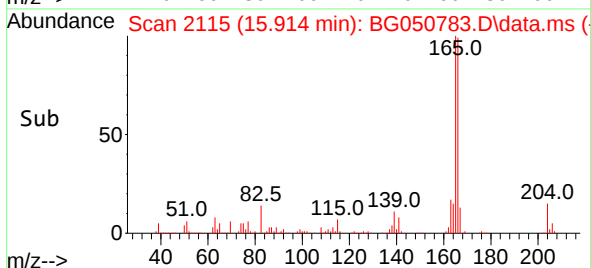
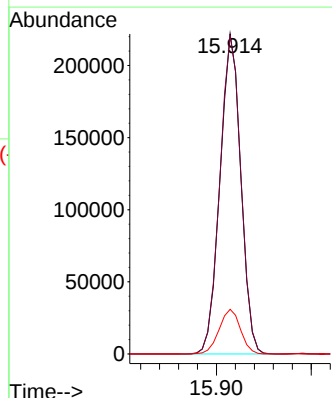
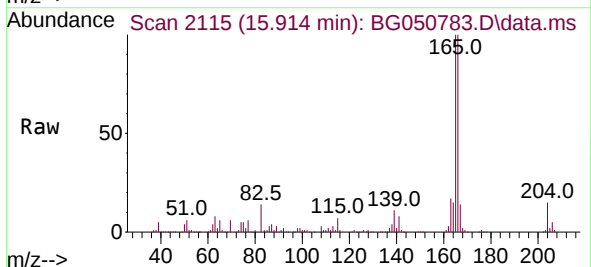
Instrument :  
BNA\_G  
ClientSampleId :  
WASTE-CHAR-(SUSPECT)MSD

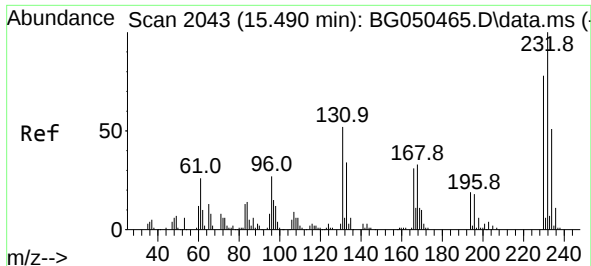
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 165   | Resp: | 114675 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 53.0  | 48.0  | 72.0   |
| 89       | 86.0  | 65.4  | 98.0   |
| 182      | 2.1   | 2.0   | 3.0    |



#58  
Fluorene  
Concen: 50.665 ng  
RT: 15.914 min Scan# 2115  
Delta R.T. -0.006 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 166   | Resp: | 338017 |
| Ion      | Ratio | Lower | Upper  |
| 166      | 100   |       |        |
| 165      | 99.5  | 77.7  | 116.5  |
| 167      | 13.9  | 10.8  | 16.2   |

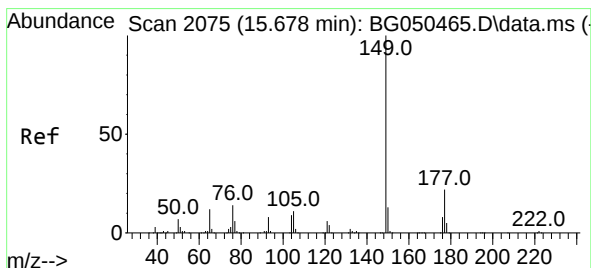
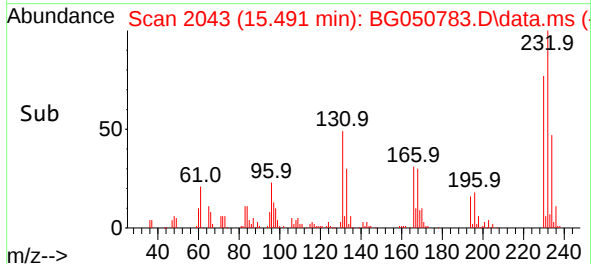
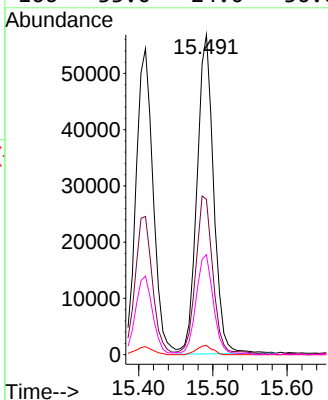
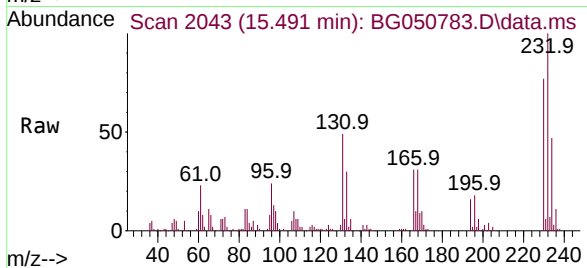




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 49.115 ng  
RT: 15.491 min Scan# 2043  
Delta R.T. 0.000 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

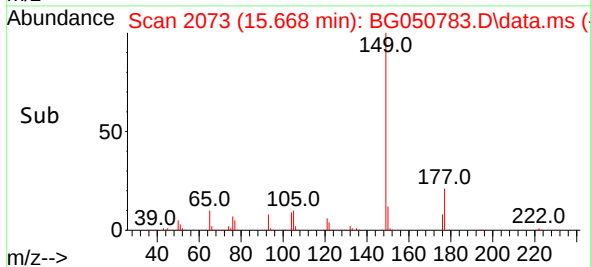
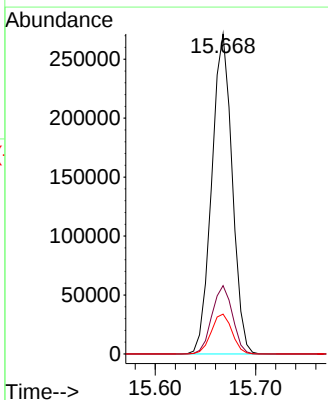
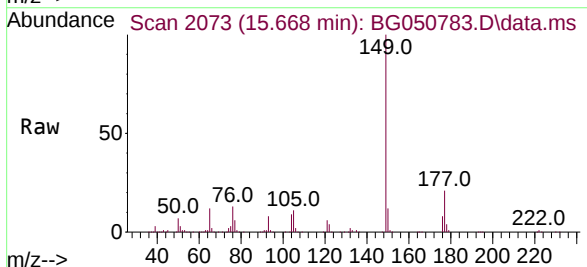
Instrument :  
BNA\_G  
ClientSampleId :  
WASTE-CHAR-(SUSPECT)MSD

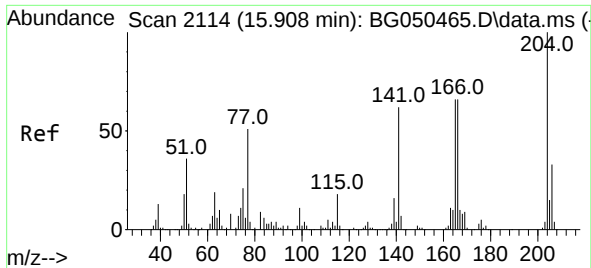
Tgt Ion:232 Resp: 88644  
Ion Ratio Lower Upper  
232 100  
131 52.0 37.2 55.8  
130 2.8 2.8 4.2#  
166 33.0 24.0 36.0



#60  
Diethylphthalate  
Concen: 50.690 ng  
RT: 15.668 min Scan# 2073  
Delta R.T. -0.006 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

Tgt Ion:149 Resp: 383383  
Ion Ratio Lower Upper  
149 100  
177 21.4 19.0 28.6  
150 12.4 10.2 15.4

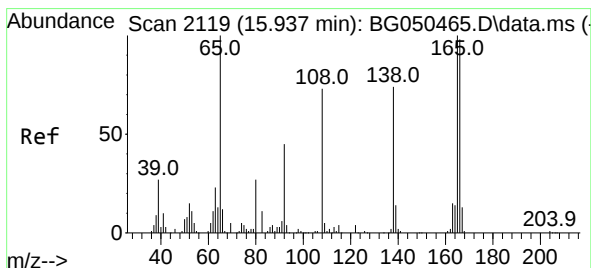
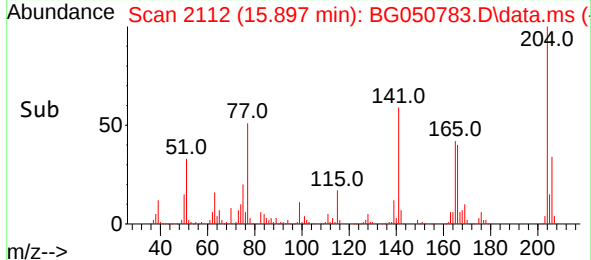
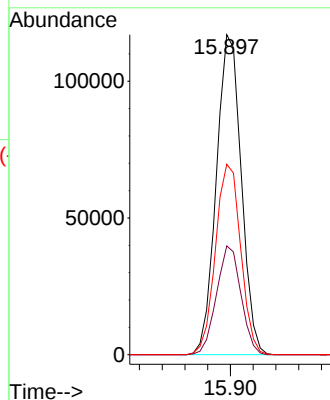
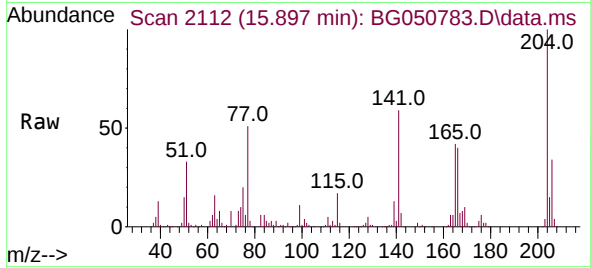




#61  
4-Chlorophenyl-phenylether  
Concen: 48.806 ng  
RT: 15.897 min Scan# 2112  
Delta R.T. -0.012 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

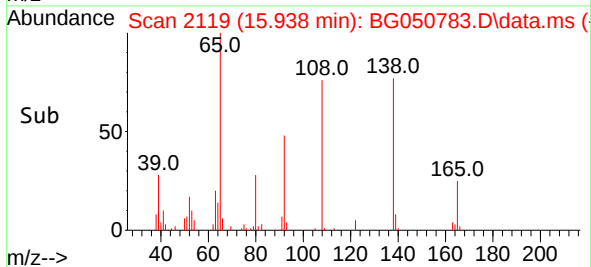
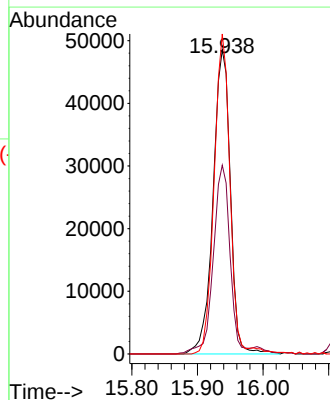
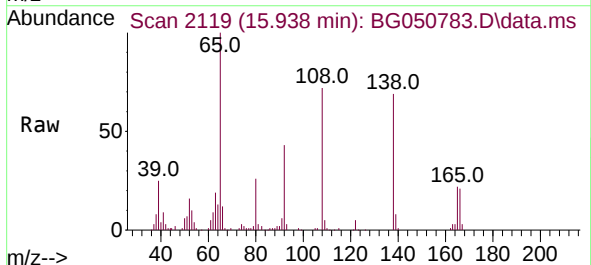
Instrument :  
BNA\_G  
ClientSampleId :  
WASTE-CHAR-(SUSPECT)MSD

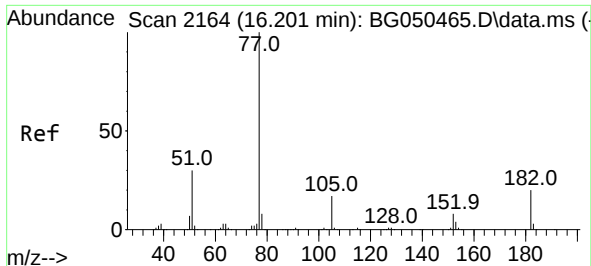
Tgt Ion:204 Resp: 178163  
Ion Ratio Lower Upper  
204 100  
206 34.0 24.6 37.0  
141 59.5 47.8 71.8



#62  
4-Nitroaniline  
Concen: 50.048 ng  
RT: 15.938 min Scan# 2119  
Delta R.T. 0.000 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

Tgt Ion:138 Resp: 88803  
Ion Ratio Lower Upper  
138 100  
92 62.1 32.3 72.3  
108 105.1 132.4 172.4#

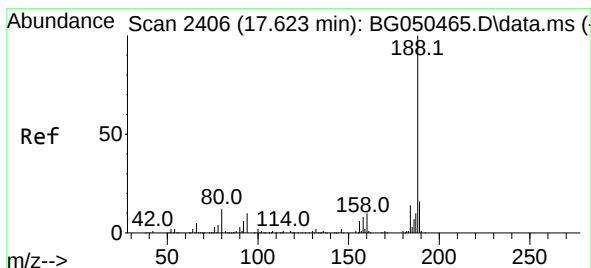
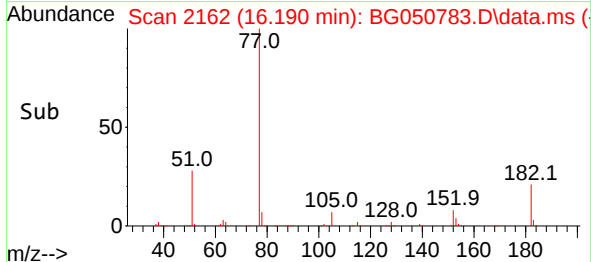
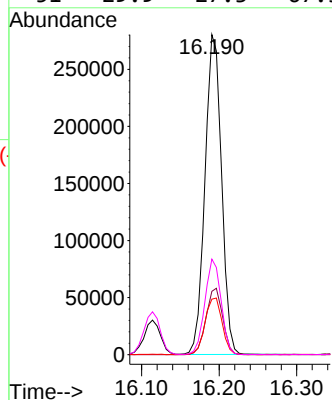
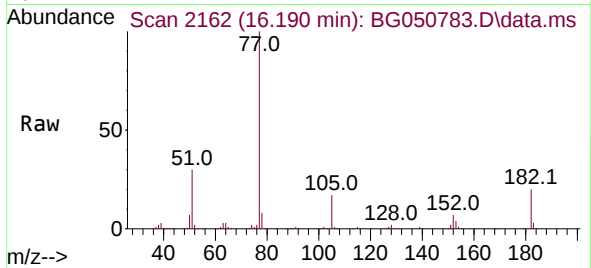




#63  
Azobenzene  
Concen: 47.493 ng  
RT: 16.190 min Scan# 2162  
Delta R.T. -0.006 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

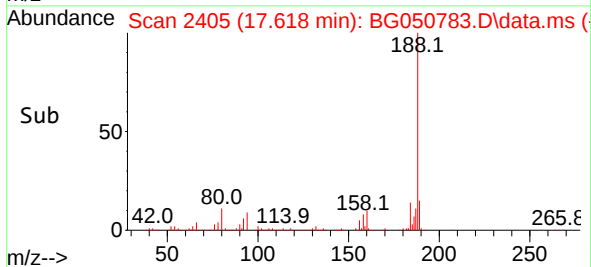
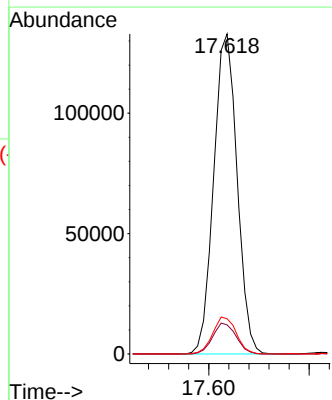
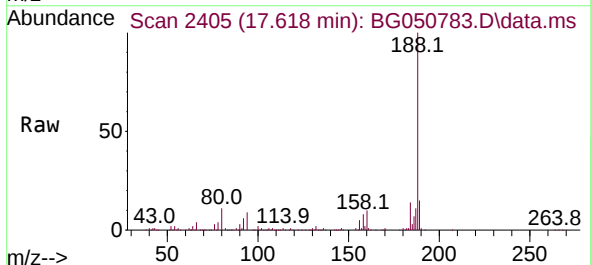
Instrument :  
BNA\_G  
ClientSampleId :  
WASTE-CHAR-(SUSPECT)MSD

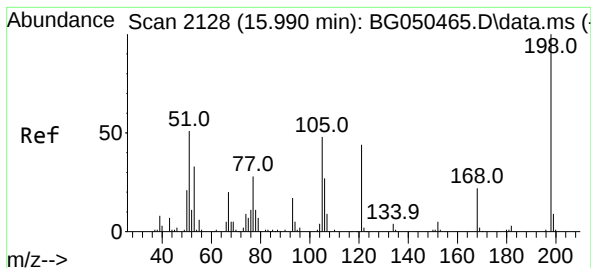
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 415804 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 182       | 19.8  | 7.9   | 47.9   |
| 105       | 17.3  | 0.0   | 37.9   |
| 51        | 29.9  | 27.3  | 67.3   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.618 min Scan# 2405  
Delta R.T. 0.000 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 188   | Resp: | 214669 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 9.1   | 5.4   | 8.0#   |
| 80        | 11.0  | 3.7   | 5.5#   |

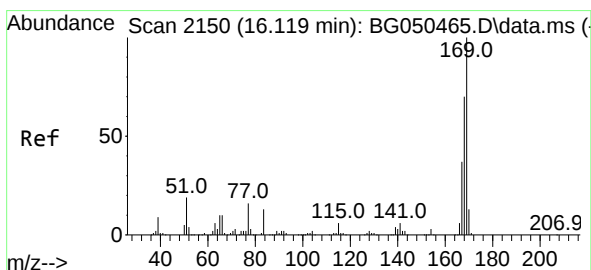
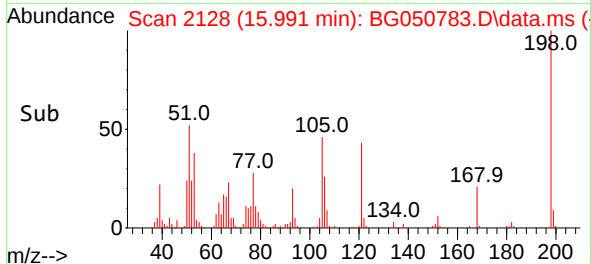
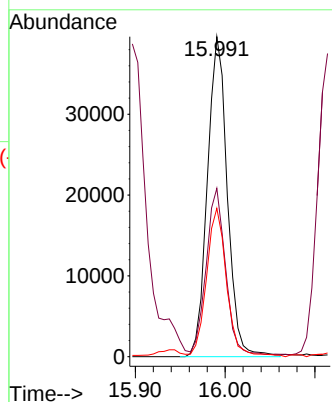
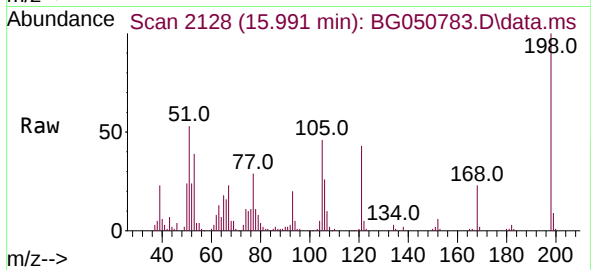




#65  
4,6-Dinitro-2-methylphenol  
Concen: 47.412 ng  
RT: 15.991 min Scan# 2128  
Delta R.T. 0.000 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

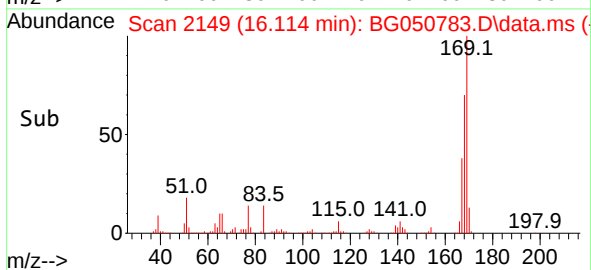
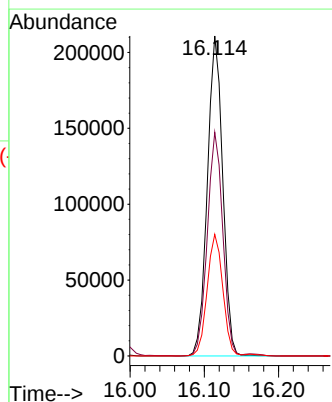
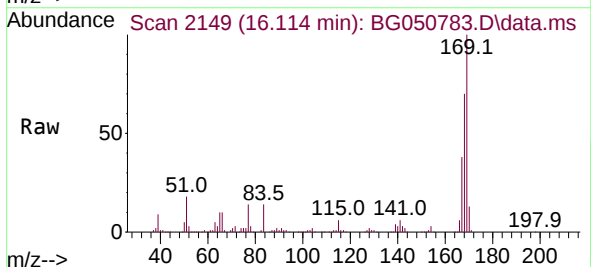
Instrument :  
BNA\_G  
ClientSampleId :  
WASTE-CHAR-(SUSPECT)MSD

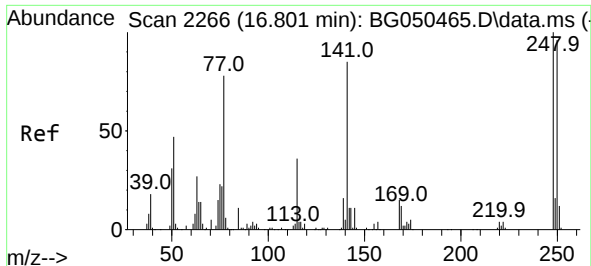
Tgt Ion:198 Resp: 61132  
Ion Ratio Lower Upper  
198 100  
51 52.6 29.4 69.4  
105 46.3 15.1 55.1



#66  
n-Nitrosodiphenylamine  
Concen: 49.828 ng  
RT: 16.114 min Scan# 2149  
Delta R.T. -0.006 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

Tgt Ion:169 Resp: 303930  
Ion Ratio Lower Upper  
169 100  
168 69.9 56.3 84.5  
167 38.0 28.4 42.6

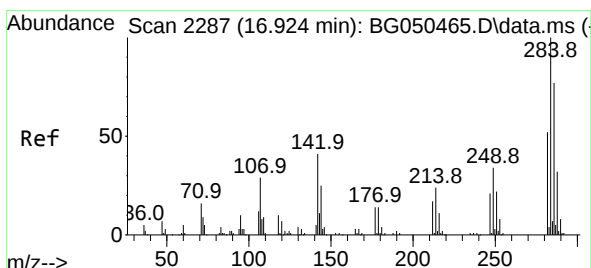
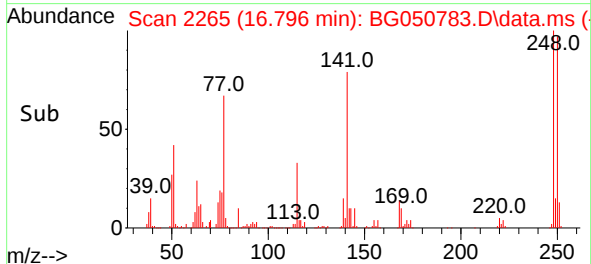
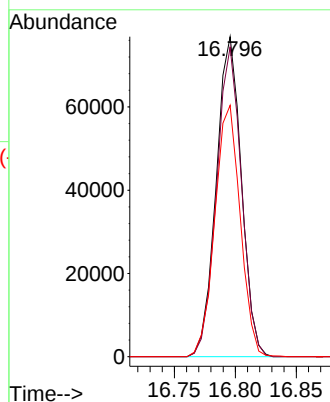
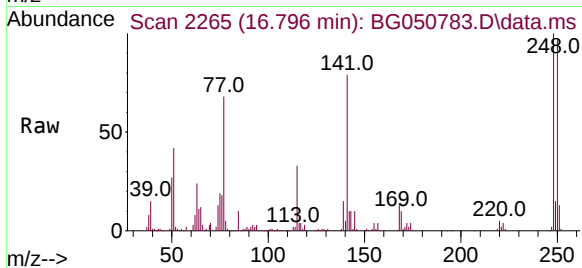




#67  
4-Bromophenyl-phenylether  
Concen: 50.940 ng  
RT: 16.796 min Scan# 2265  
Delta R.T. -0.006 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

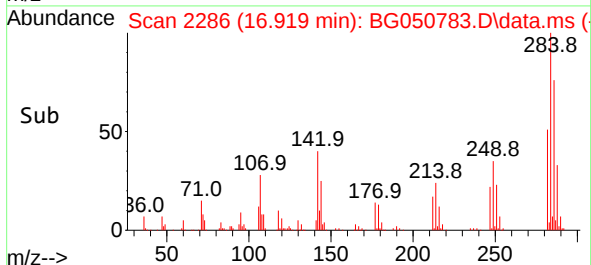
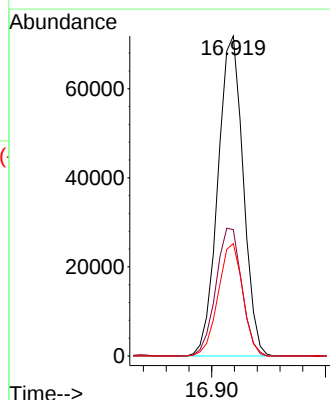
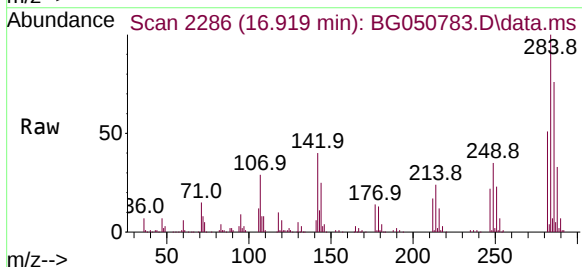
Instrument :  
BNA\_G  
ClientSampleId :  
WASTE-CHAR-(SUSPECT)MSD

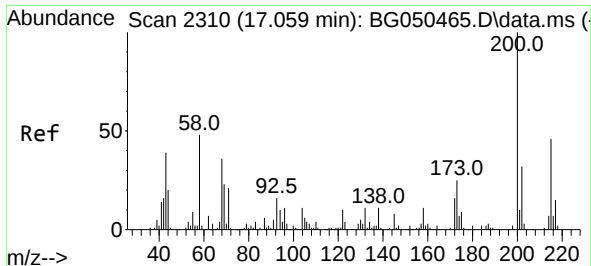
Tgt Ion:248 Resp: 110192  
Ion Ratio Lower Upper  
248 100  
250 96.7 76.1 114.1  
141 78.5 65.4 98.2



#68  
Hexachlorobenzene  
Concen: 51.650 ng  
RT: 16.919 min Scan# 2286  
Delta R.T. 0.000 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

Tgt Ion:284 Resp: 111044  
Ion Ratio Lower Upper  
284 100  
142 39.5 27.0 40.6  
249 35.1 28.2 42.2

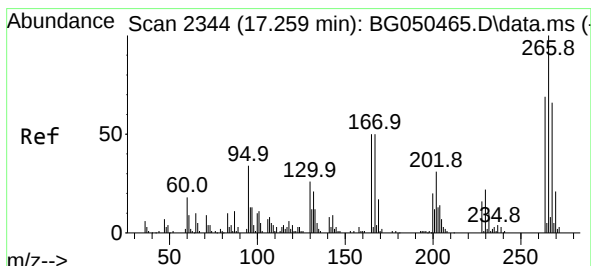
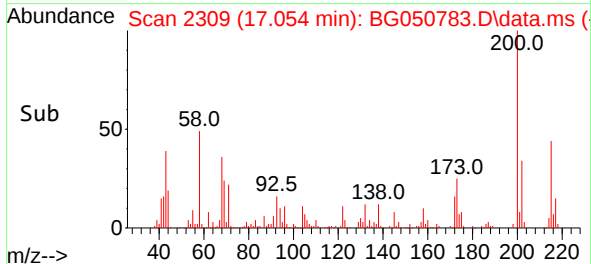
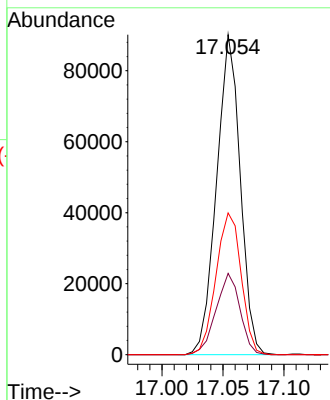
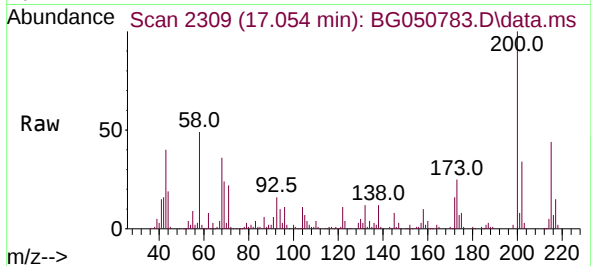




#69  
 Atrazine  
 Concen: 50.707 ng  
 RT: 17.054 min Scan# 2309  
 Delta R.T. -0.006 min  
 Lab File: BG050783.D  
 Acq: 29 Oct 2021 18:41

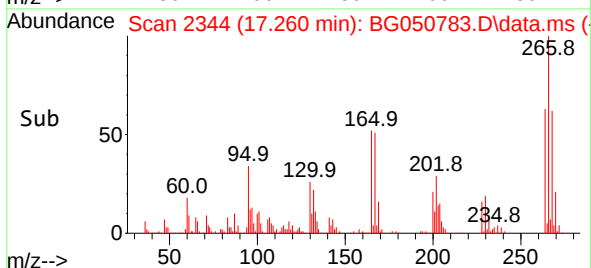
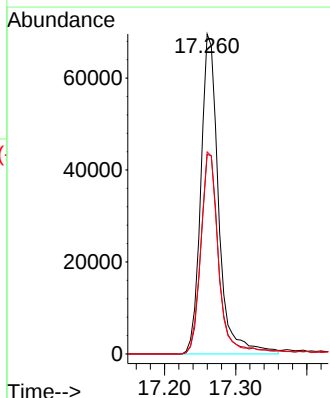
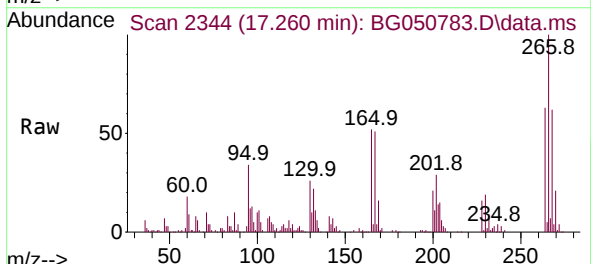
Instrument :  
 BNA\_G  
 ClientSampleId :  
 WASTE-CHAR-(SUSPECT)MSD

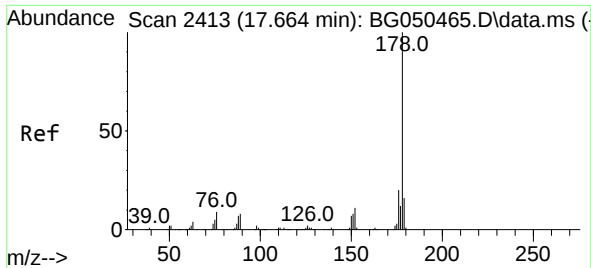
Tgt Ion:200 Resp: 121838  
 Ion Ratio Lower Upper  
 200 100  
 173 25.4 3.7 43.7  
 215 44.3 26.9 66.9



#70  
 Pentachlorophenol  
 Concen: 82.896 ng  
 RT: 17.260 min Scan# 2344  
 Delta R.T. -0.006 min  
 Lab File: BG050783.D  
 Acq: 29 Oct 2021 18:41

Tgt Ion:266 Resp: 121325  
 Ion Ratio Lower Upper  
 266 100  
 268 62.3 49.0 73.4  
 264 63.2 49.0 73.6

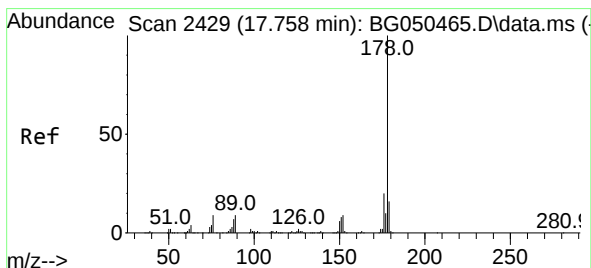
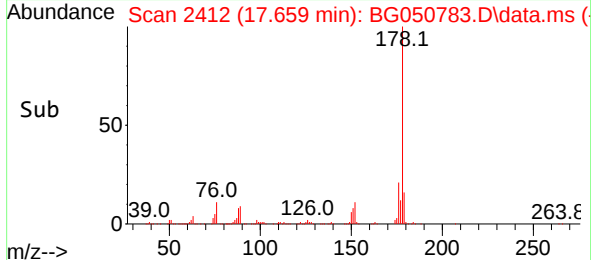
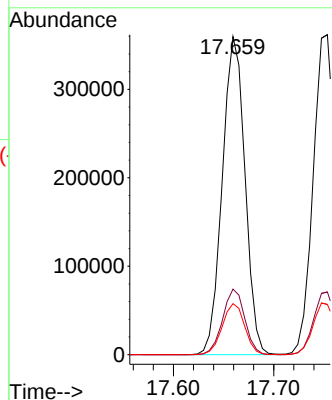
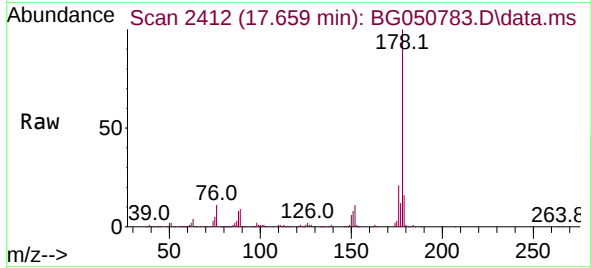




#71  
Phenanthrene  
Concen: 49.821 ng  
RT: 17.659 min Scan# 2412  
Delta R.T. -0.006 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

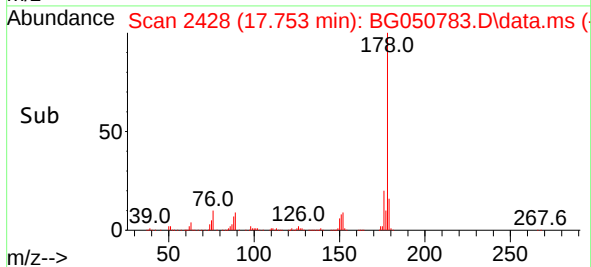
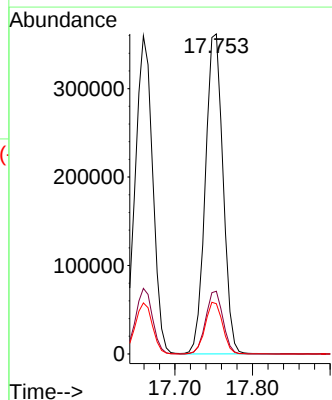
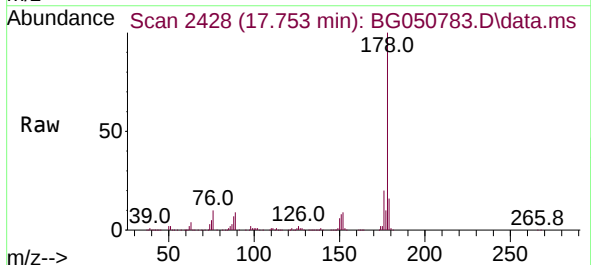
Instrument :  
BNA\_G  
ClientSampleId :  
WASTE-CHAR-(SUSPECT)MSD

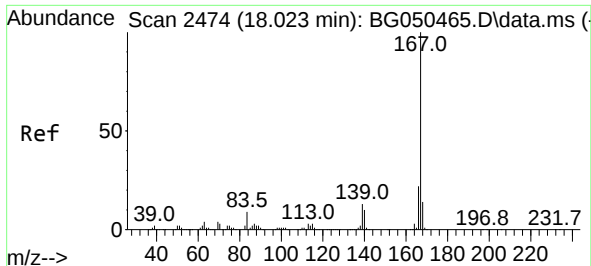
Tgt Ion:178 Resp: 563588  
Ion Ratio Lower Upper  
178 100  
176 20.6 16.0 24.0  
179 16.1 14.2 21.4



#72  
Anthracene  
Concen: 50.907 ng  
RT: 17.753 min Scan# 2428  
Delta R.T. 0.000 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

Tgt Ion:178 Resp: 572254  
Ion Ratio Lower Upper  
178 100  
176 19.6 14.6 21.8  
179 15.7 13.4 20.0

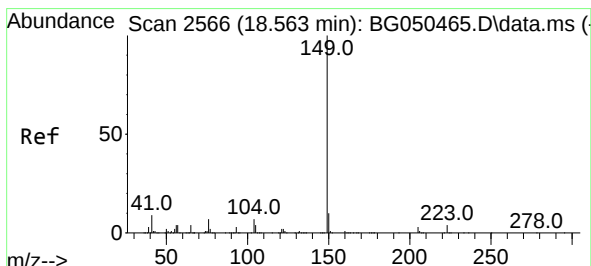
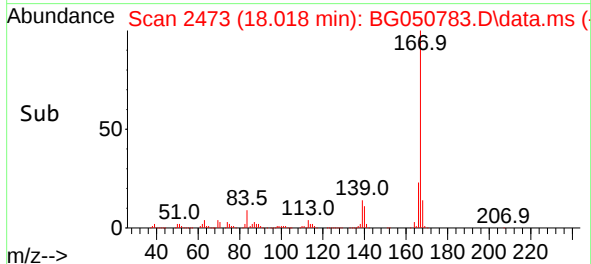
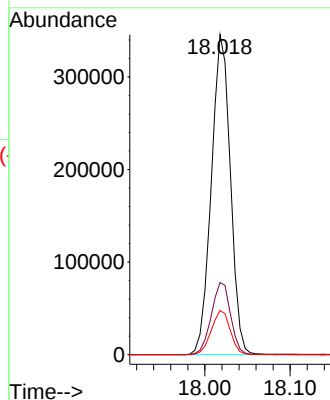
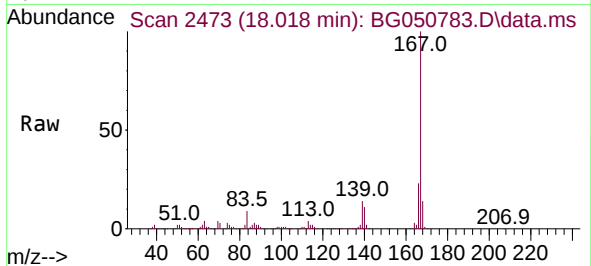




#73  
Carbazole  
Concen: 47.830 ng  
RT: 18.018 min Scan# 2473  
Delta R.T. -0.006 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

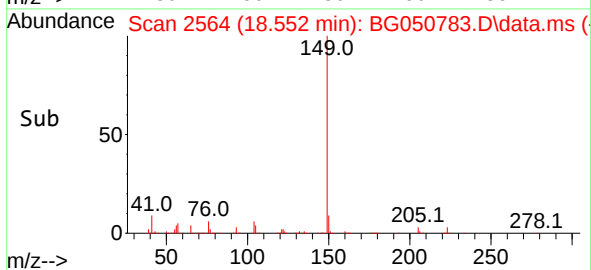
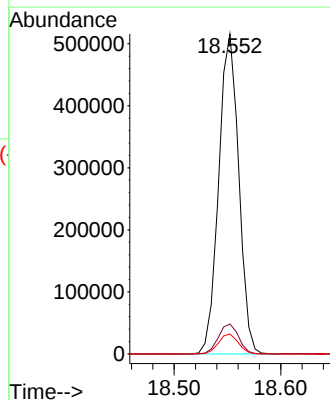
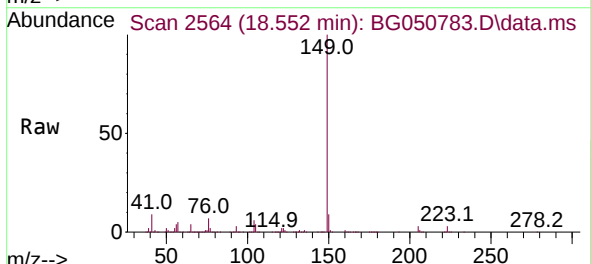
Instrument :  
BNA\_G  
ClientSampleId :  
WASTE-CHAR-(SUSPECT)MSD

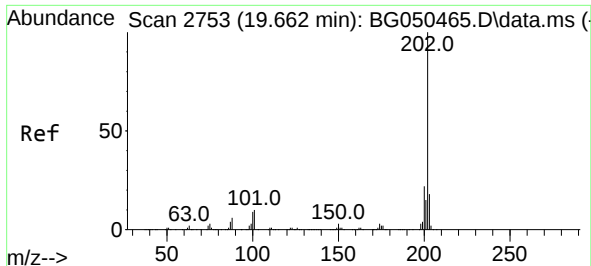
Tgt Ion:167 Resp: 535864  
Ion Ratio Lower Upper  
167 100  
166 22.5 17.4 26.2  
139 13.8 10.7 16.1



#74  
Di-n-butylphthalate  
Concen: 51.138 ng  
RT: 18.552 min Scan# 2564  
Delta R.T. -0.006 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

Tgt Ion:149 Resp: 672355  
Ion Ratio Lower Upper  
149 100  
150 9.4 7.5 11.3  
104 6.3 6.6 10.0#

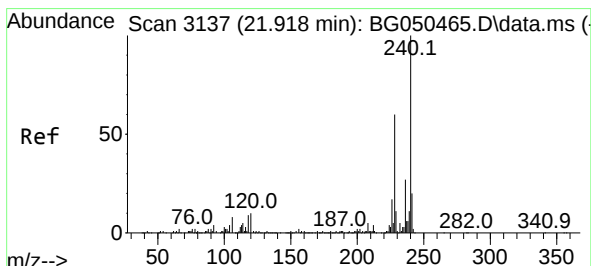
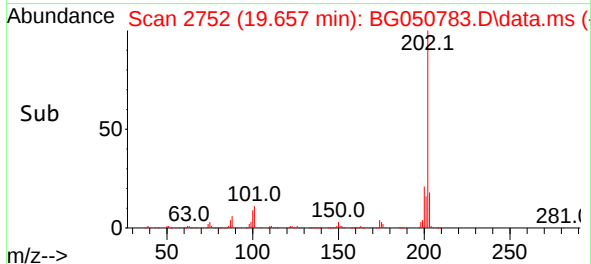
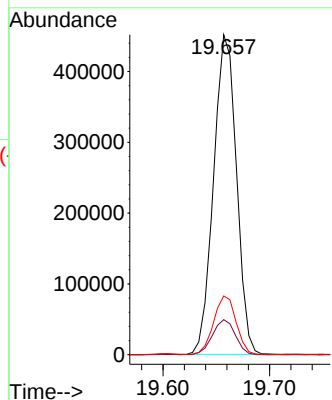
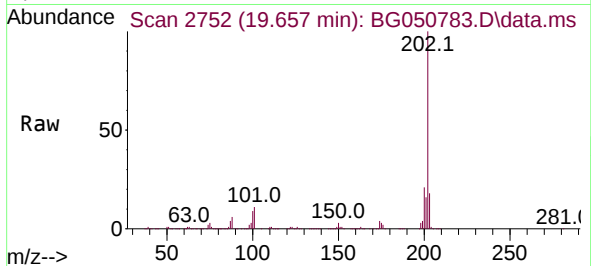




#75  
Fluoranthene  
Concen: 48.375 ng  
RT: 19.657 min Scan# 2752  
Delta R.T. -0.006 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

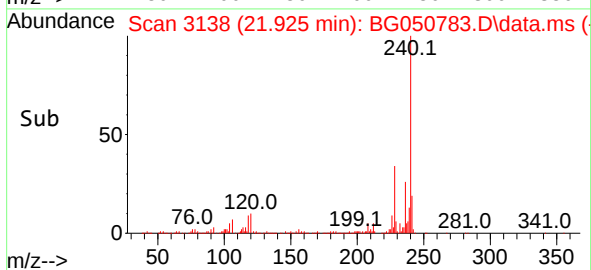
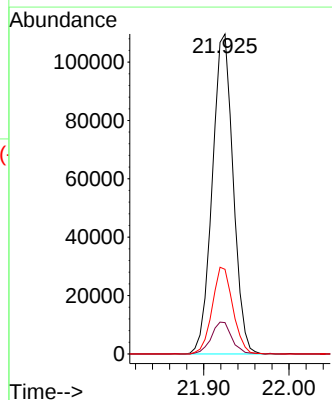
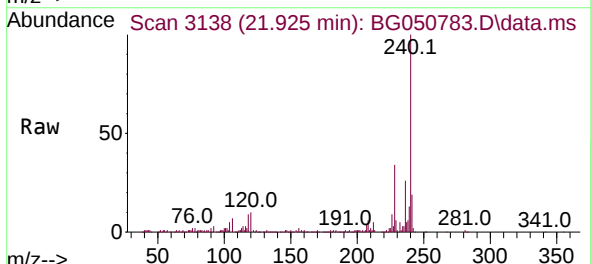
Instrument :  
BNA\_G  
ClientSampleId :  
WASTE-CHAR-(SUSPECT)MSD

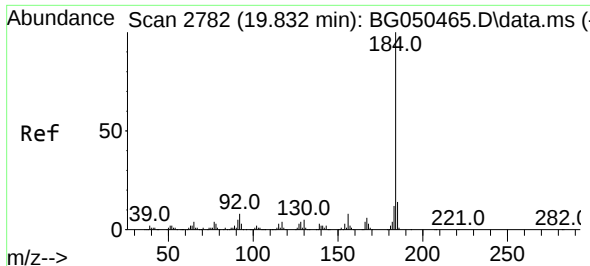
Tgt Ion:202 Resp: 672677  
Ion Ratio Lower Upper  
202 100  
101 11.0 0.0 24.7  
203 18.3 0.0 38.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.925 min Scan# 3138  
Delta R.T. 0.000 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

Tgt Ion:240 Resp: 185824  
Ion Ratio Lower Upper  
240 100  
120 9.8 4.2 6.2#  
236 26.5 21.8 32.6

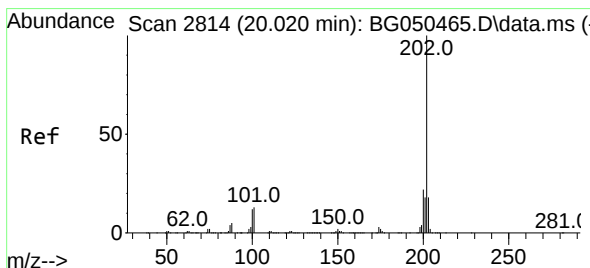
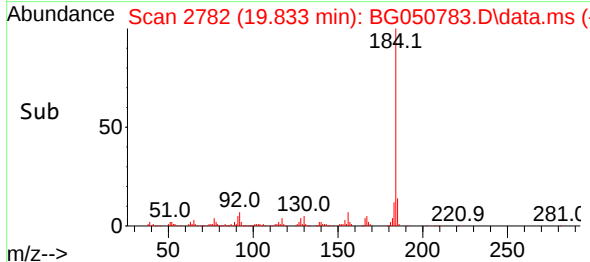
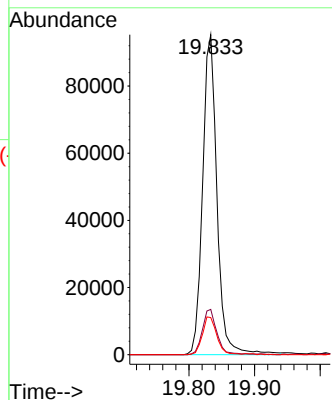
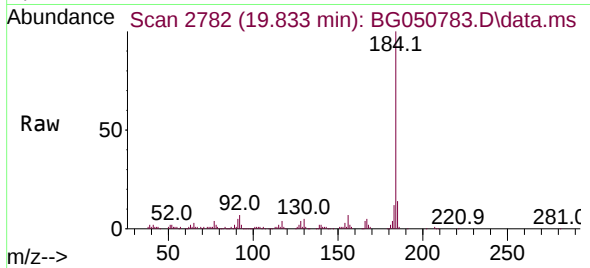




#77  
Benzidine  
Concen: 24.098 ng  
RT: 19.833 min Scan# 2782  
Delta R.T. 0.000 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

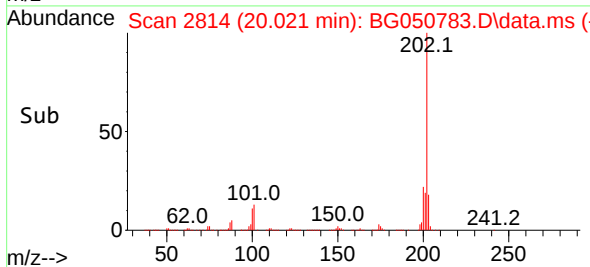
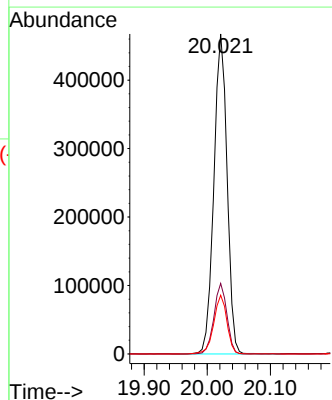
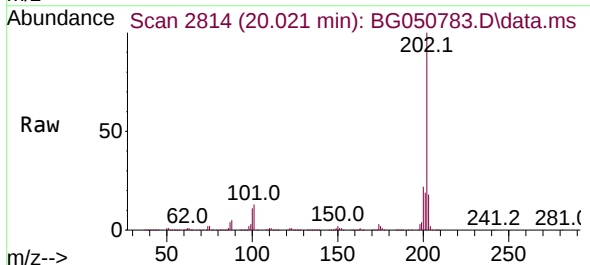
Instrument :  
BNA\_G  
ClientSampleId :  
WASTE-CHAR-(SUSPECT)MSD

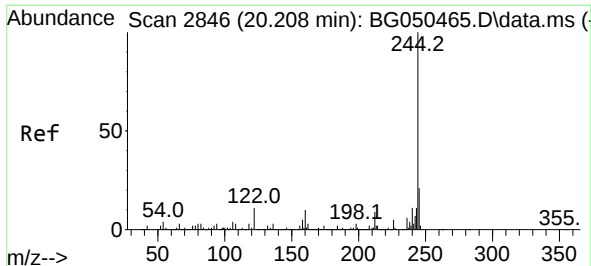
Tgt Ion:184 Resp: 145137  
Ion Ratio Lower Upper  
184 100  
185 14.1 10.7 16.1  
183 11.6 9.4 14.0



#78  
Pyrene  
Concen: 51.355 ng  
RT: 20.021 min Scan# 2814  
Delta R.T. 0.000 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

Tgt Ion:202 Resp: 677076  
Ion Ratio Lower Upper  
202 100  
200 22.1 15.8 23.8  
203 18.4 14.6 21.8

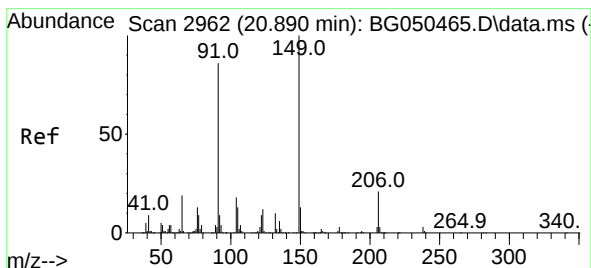
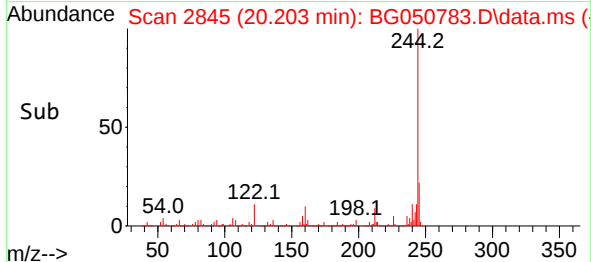
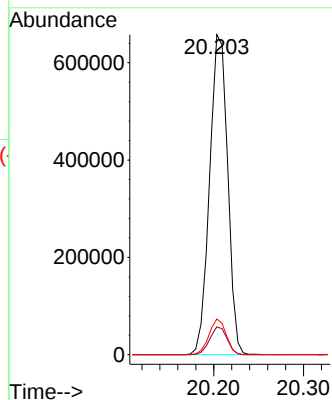
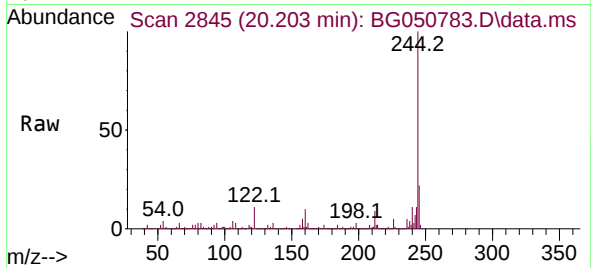




#79  
 Terphenyl-d14  
 Concen: 96.393 ng  
 RT: 20.203 min Scan# 2845  
 Delta R.T. -0.006 min  
 Lab File: BG050783.D  
 Acq: 29 Oct 2021 18:41

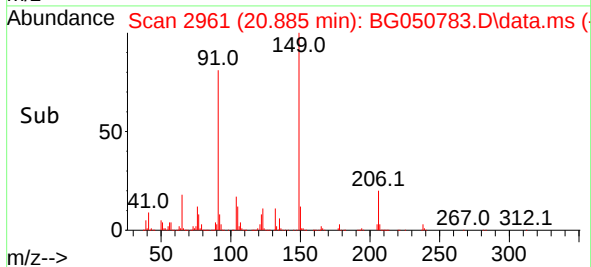
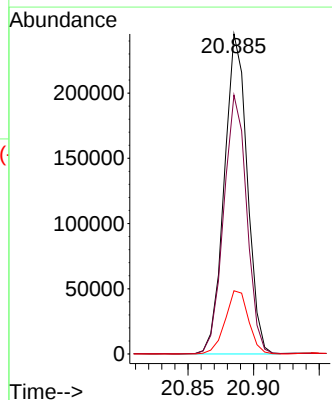
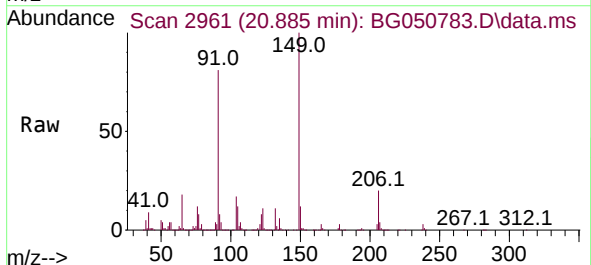
Instrument :  
 BNA\_G  
 ClientSampleId :  
 WASTE-CHAR-(SUSPECT)MSD

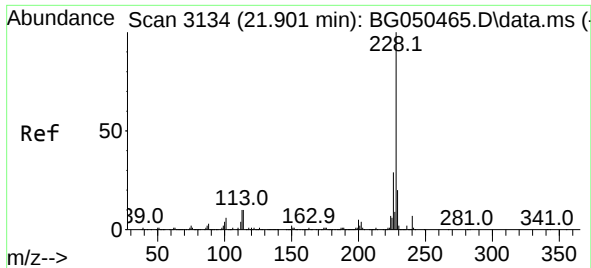
Tgt Ion:244 Resp: 919125  
 Ion Ratio Lower Upper  
 244 100  
 212 8.7 6.9 10.3  
 122 11.1 5.0 7.6#



#80  
 Butylbenzylphthalate  
 Concen: 53.416 ng  
 RT: 20.885 min Scan# 2961  
 Delta R.T. -0.006 min  
 Lab File: BG050783.D  
 Acq: 29 Oct 2021 18:41

Tgt Ion:149 Resp: 297882  
 Ion Ratio Lower Upper  
 149 100  
 91 80.9 63.4 95.2  
 206 19.7 18.4 27.6

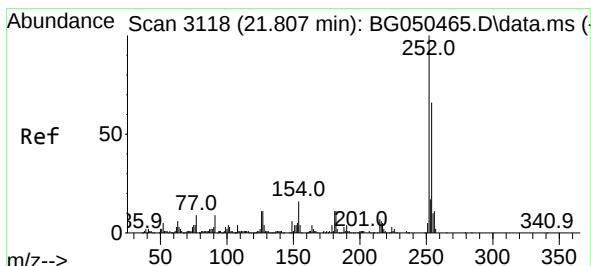
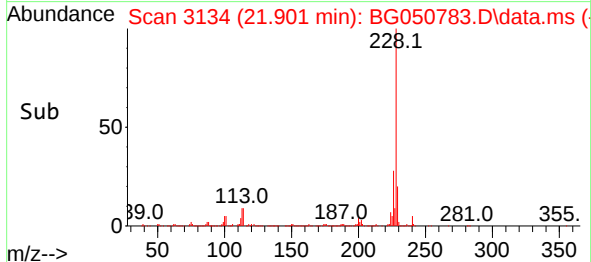
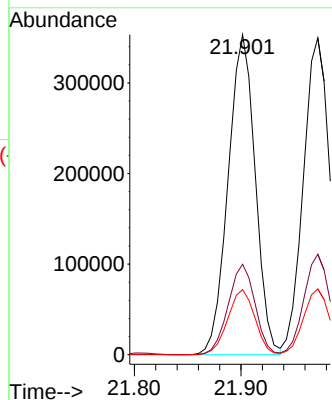
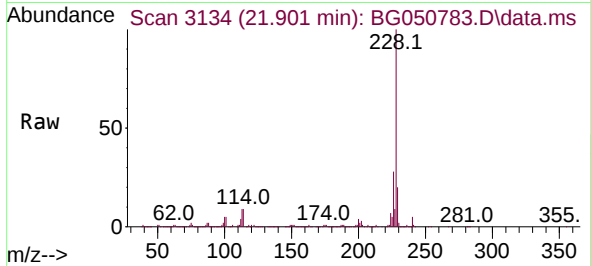




#81  
Benzo(a)anthracene  
Concen: 50.854 ng  
RT: 21.901 min Scan# 3134  
Delta R.T. 0.000 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

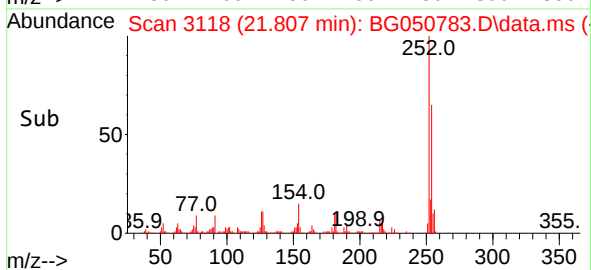
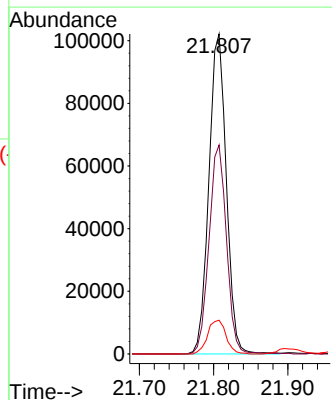
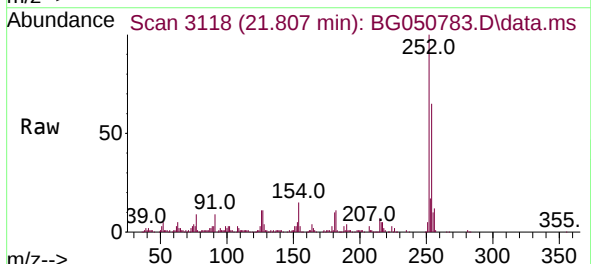
Instrument :  
BNA\_G  
ClientSampleId :  
WASTE-CHAR-(SUSPECT)MSD

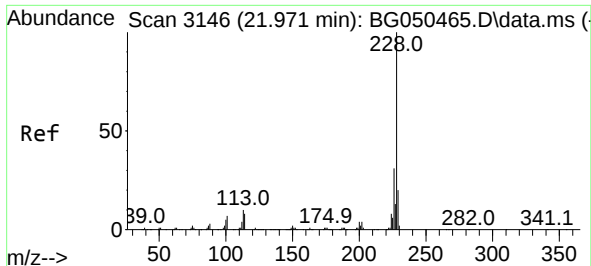
Tgt Ion:228 Resp: 625294  
Ion Ratio Lower Upper  
228 100  
226 28.3 22.7 34.1  
229 20.3 16.0 24.0



#82  
3,3'-Dichlorobenzidine  
Concen: 40.958 ng  
RT: 21.807 min Scan# 3118  
Delta R.T. 0.000 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

Tgt Ion:252 Resp: 166901  
Ion Ratio Lower Upper  
252 100  
254 65.3 52.4 78.6  
126 10.6 5.9 8.9#

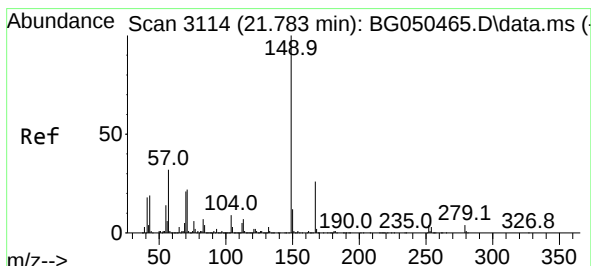
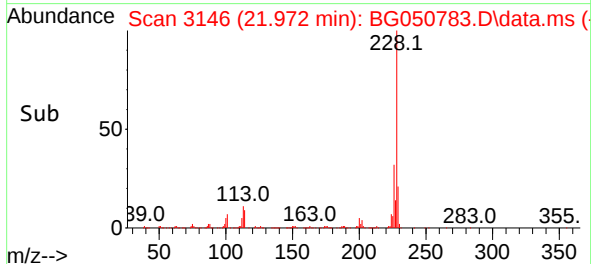
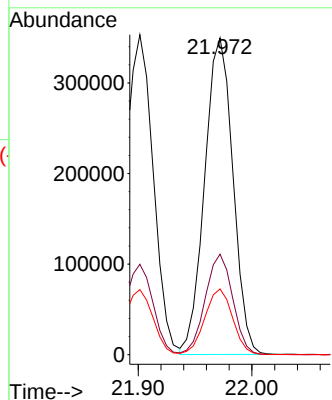
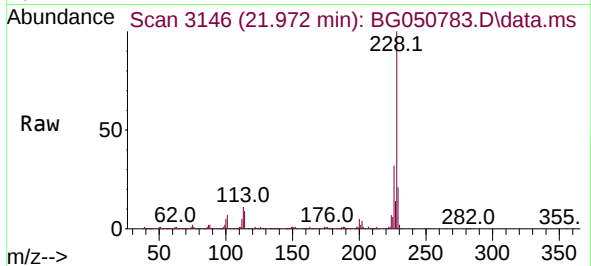




#83  
Chrysene  
Concen: 52.201 ng  
RT: 21.972 min Scan# 3146  
Delta R.T. 0.000 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

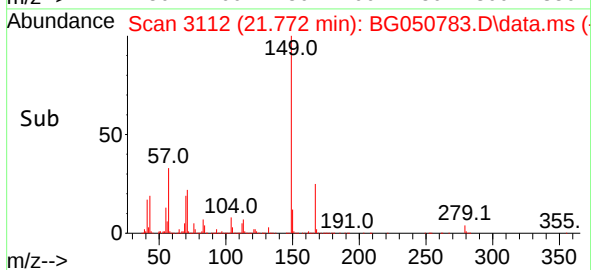
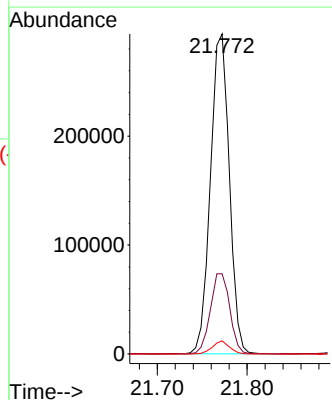
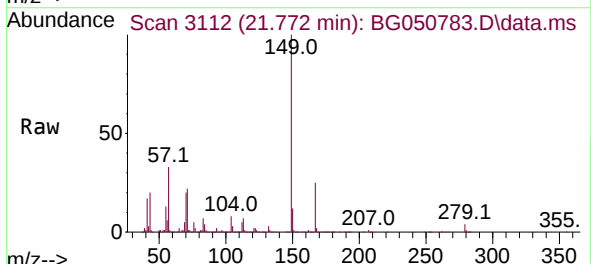
Instrument :  
BNA\_G  
ClientSampleId :  
WASTE-CHAR-(SUSPECT)MSD

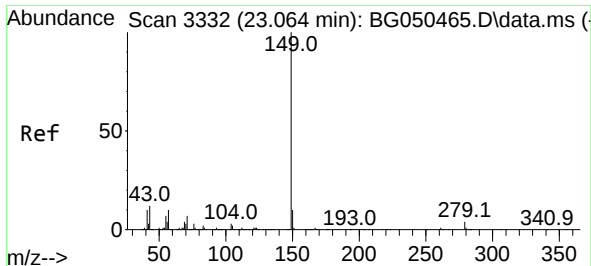
Tgt Ion:228 Resp: 603755  
Ion Ratio Lower Upper  
228 100  
226 31.7 23.1 34.7  
229 20.7 15.3 22.9



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 54.086 ng  
RT: 21.772 min Scan# 3112  
Delta R.T. -0.006 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

Tgt Ion:149 Resp: 428562  
Ion Ratio Lower Upper  
149 100  
167 25.0 22.3 33.5  
279 4.1 3.8 5.8

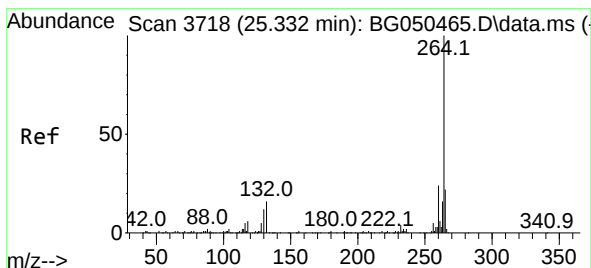
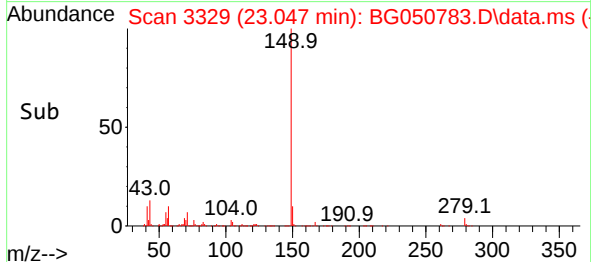
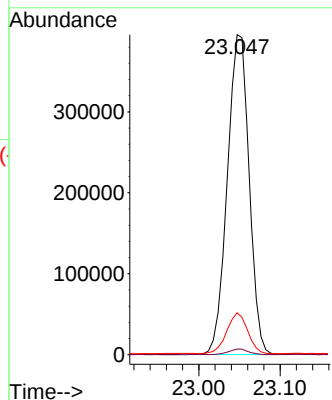
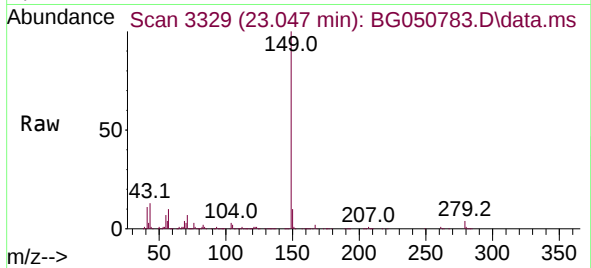




#85  
Di-n-octyl phthalate  
Concen: 55.686 ng  
RT: 23.047 min Scan# 3329  
Delta R.T. -0.006 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

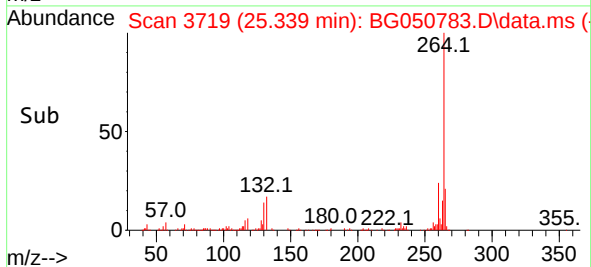
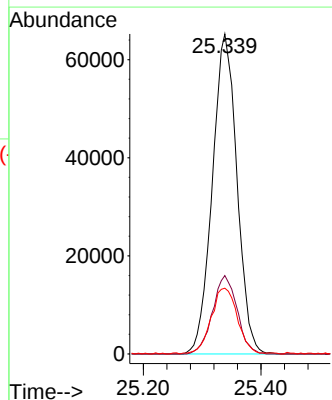
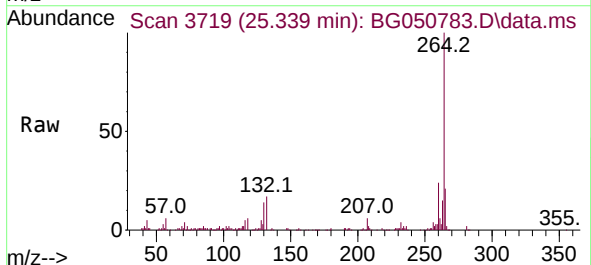
Instrument :  
BNA\_G  
ClientSampleId :  
WASTE-CHAR-(SUSPECT)MSD

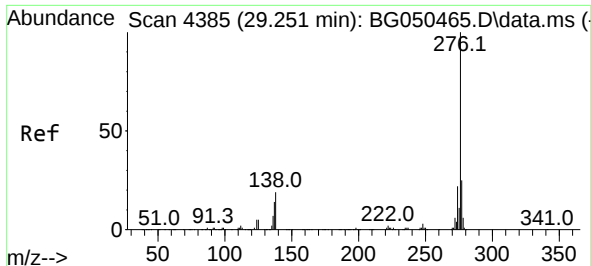
Tgt Ion:149 Resp: 735952  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.4 2.2  
43 12.3 8.6 12.8



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.339 min Scan# 3719  
Delta R.T. 0.006 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

Tgt Ion:264 Resp: 189183  
Ion Ratio Lower Upper  
264 100  
260 24.5 19.4 29.2  
265 20.5 16.9 25.3

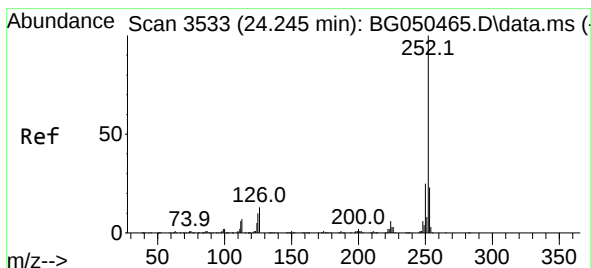
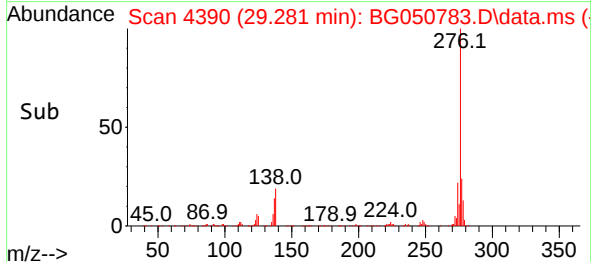
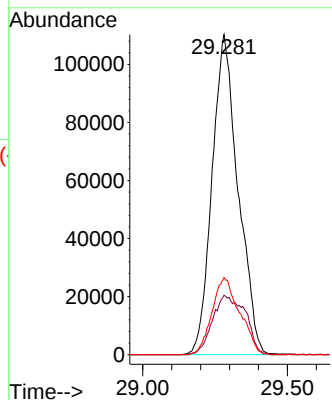
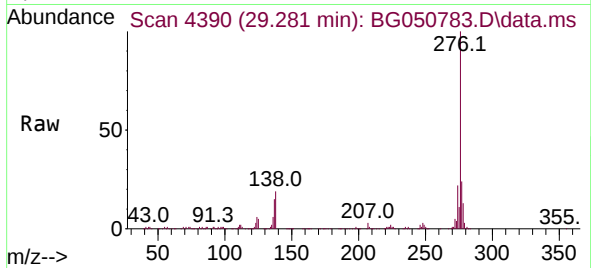




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 52.348 ng  
 RT: 29.281 min Scan# 4390  
 Delta R.T. 0.018 min  
 Lab File: BG050783.D  
 Acq: 29 Oct 2021 18:41

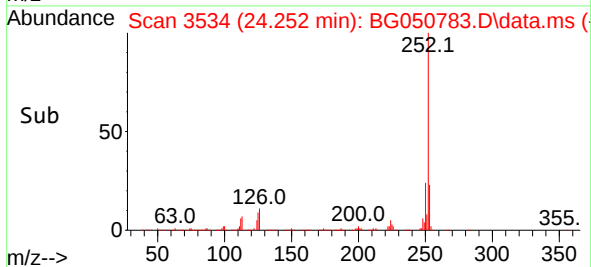
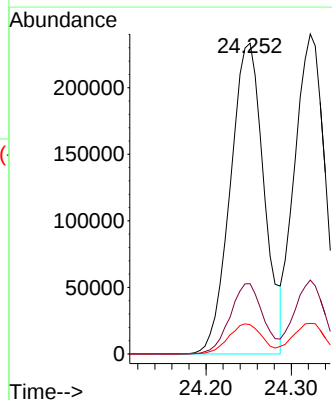
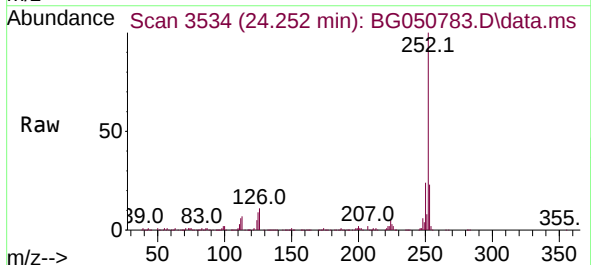
Instrument :  
 BNA\_G  
 ClientSampleId :  
 WASTE-CHAR-(SUSPECT)MSD

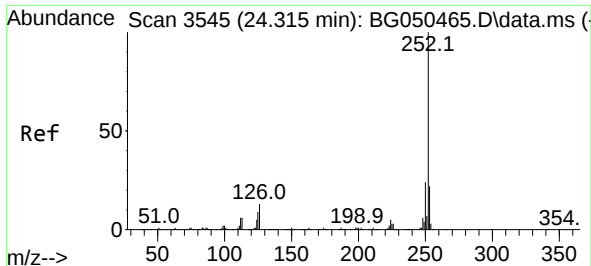
Tgt Ion:276 Resp: 689766  
 Ion Ratio Lower Upper  
 276 100  
 138 23.4 5.1 7.7#  
 277 25.6 19.8 29.6



#88  
 Benzo(b)fluoranthene  
 Concen: 55.488 ng  
 RT: 24.252 min Scan# 3534  
 Delta R.T. 0.006 min  
 Lab File: BG050783.D  
 Acq: 29 Oct 2021 18:41

Tgt Ion:252 Resp: 642881  
 Ion Ratio Lower Upper  
 252 100  
 253 22.6 16.2 24.4  
 125 9.4 3.0 4.4#

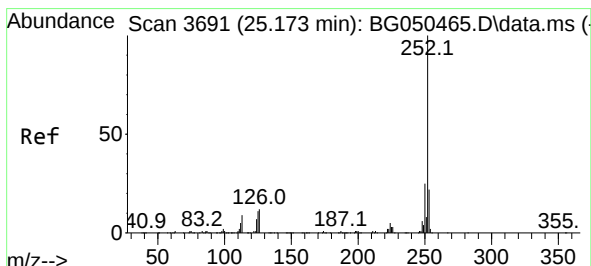
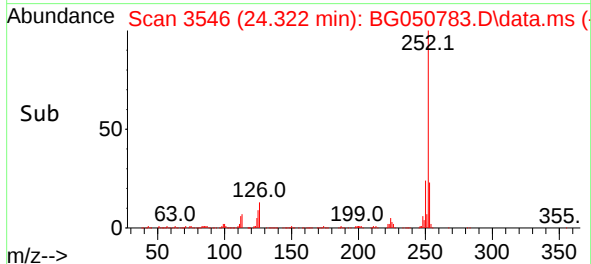
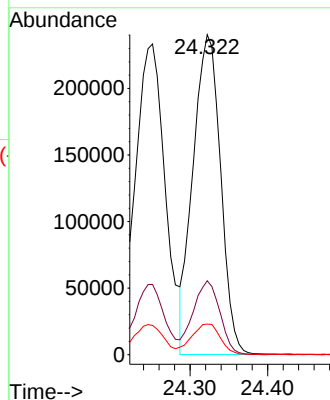
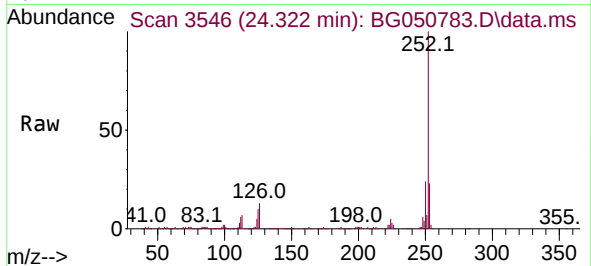




#89  
Benzo(k)fluoranthene  
Concen: 51.898 ng  
RT: 24.322 min Scan# 3546  
Delta R.T. 0.006 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

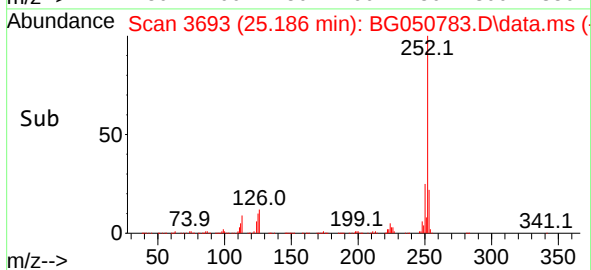
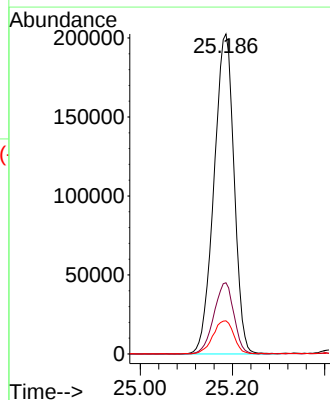
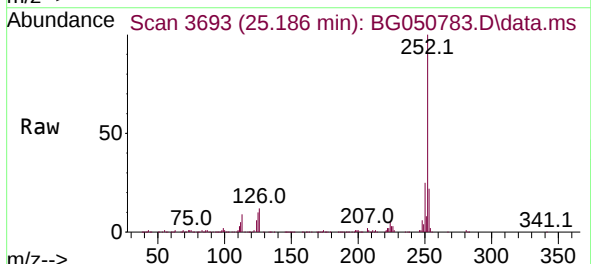
Instrument :  
BNA\_G  
ClientSampleId :  
WASTE-CHAR-(SUSPECT)MSD

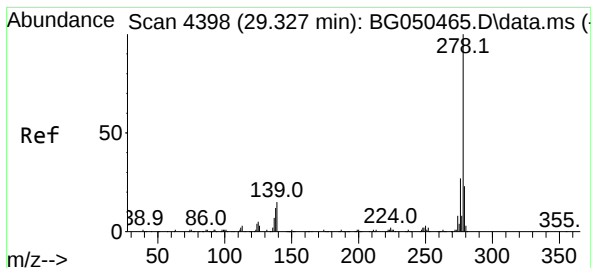
Tgt Ion:252 Resp: 591546  
Ion Ratio Lower Upper  
252 100  
253 23.1 18.0 27.0  
125 9.5 3.1 4.7#



#90  
Benzo(a)pyrene  
Concen: 61.958 ng  
RT: 25.186 min Scan# 3693  
Delta R.T. 0.012 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

Tgt Ion:252 Resp: 610339  
Ion Ratio Lower Upper  
252 100  
253 22.3 16.6 25.0  
125 10.3 3.5 5.3#

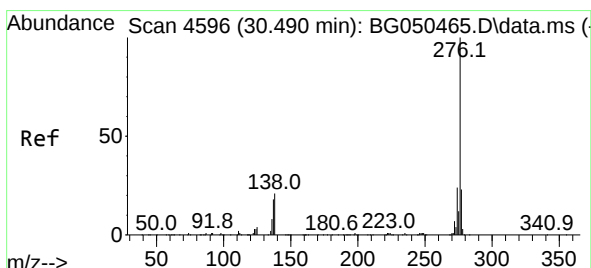
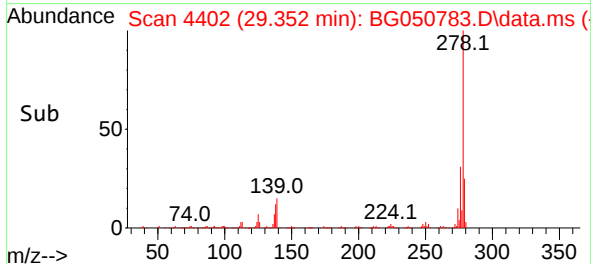
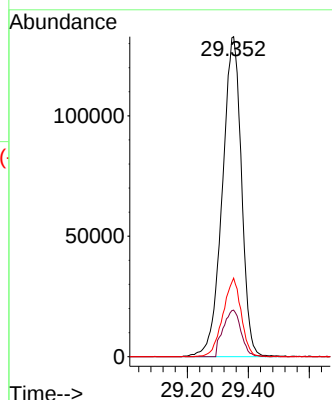
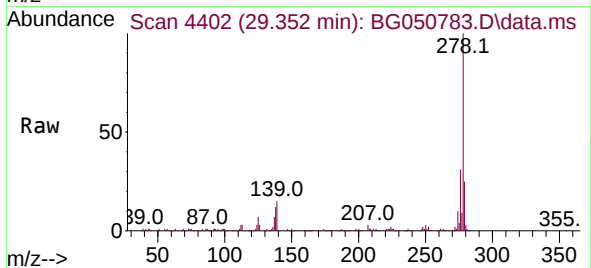




#91  
Dibenzo(a,h)anthracene  
Concen: 53.179 ng  
RT: 29.352 min Scan# 4402  
Delta R.T. 0.018 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

Instrument :  
BNA\_G  
ClientSampleId :  
WASTE-CHAR-(SUSPECT)MSD

Tgt Ion:278 Resp: 579581  
Ion Ratio Lower Upper  
278 100  
139 14.6 4.6 6.8#  
279 24.6 17.9 26.9



#92  
Benzo(g,h,i)perylene  
Concen: 53.749 ng  
RT: 30.521 min Scan# 4601  
Delta R.T. 0.024 min  
Lab File: BG050783.D  
Acq: 29 Oct 2021 18:41

Tgt Ion:276 Resp: 573728  
Ion Ratio Lower Upper  
276 100  
277 23.2 18.4 27.6  
138 18.7 7.0 10.6#

