

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG102221\  
 Data File : BG050688.D  
 Acq On : 22 Oct 2021 13:53  
 Operator : CG/JU  
 Sample : PB140130BS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB140130BS

Quant Time: Oct 22 14:54:52 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     | 8.253  | 152  | 43174    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.079 | 136  | 186958   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.874 | 164  | 121719   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.618 | 188  | 273199   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.919 | 240  | 246527   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 25.333 | 264  | 239812   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.791  | 112  | 363566   | 125.938 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.401  | 99   | 475091   | 113.667 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.428  | 82   | 332334   | 73.585  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.361 | 330  | 131806   | 113.529 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.500 | 172  | 593888   | 73.433  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.204 | 244  | 991495   | 78.379  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.646  | 88   | 42071    | 28.138  | ng    | 94       |
| 3) Pyridine                   | 4.058  | 79   | 100809   | 24.681  | ng    | # 92     |
| 4) n-Nitrosodimethylamine     | 3.970  | 42   | 74791    | 38.856  | ng    | # 58     |
| 6) Aniline                    | 7.571  | 93   | 184657   | 38.026  | ng    | 94       |
| 8) 2-Chlorophenol             | 7.812  | 128  | 128588   | 46.262  | ng    | 88       |
| 9) Benzaldehyde               | 7.383  | 77   | 102601   | 38.785  | ng    | 89       |
| 10) Phenol                    | 7.424  | 94   | 181035   | 44.547  | ng    | 85       |
| 11) bis(2-Chloroethyl)ether   | 7.659  | 93   | 129883   | 40.949  | ng    | 85       |
| 12) 1,3-Dichlorobenzene       | 8.141  | 146  | 131075   | 40.851  | ng    | 95       |
| 13) 1,4-Dichlorobenzene       | 8.288  | 146  | 133162   | 41.166  | ng    | 93       |
| 14) 1,2-Dichlorobenzene       | 8.611  | 146  | 128717   | 41.660  | ng    | 94       |
| 15) Benzyl Alcohol            | 8.488  | 79   | 143522   | 43.452  | ng    | 92       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.776  | 45   | 215579   | 41.675  | ng    | 86       |
| 17) 2-Methylphenol            | 8.688  | 107  | 122118   | 45.669  | ng    | 91       |
| 18) Hexachloroethane          | 9.340  | 117  | 52242    | 42.672  | ng    | 89       |
| 19) n-Nitroso-di-n-propyla... | 9.058  | 70   | 124356   | 40.820  | ng    | # 89     |
| 20) 3+4-Methylphenols         | 9.017  | 107  | 166473   | 44.231  | ng    | 95       |
| 22) Acetophenone              | 9.081  | 105  | 203674   | 38.319  | ng    | 94       |
| 24) Nitrobenzene              | 9.469  | 77   | 178620   | 39.776  | ng    | 94       |
| 25) Isophorone                | 9.986  | 82   | 309786   | 38.671  | ng    | # 95     |
| 26) 2-Nitrophenol             | 10.180 | 139  | 71816    | 43.553  | ng    | # 93     |
| 27) 2,4-Dimethylphenol        | 10.227 | 122  | 130141   | 45.682  | ng    | 92       |
| 28) bis(2-Chloroethoxy)met... | 10.468 | 93   | 176629   | 38.562  | ng    | 92       |
| 29) 2,4-Dichlorophenol        | 10.715 | 162  | 123125   | 42.404  | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 10.938 | 180  | 127845   | 38.760  | ng    | 95       |
| 31) Naphthalene               | 11.132 | 128  | 395685   | 39.540  | ng    | 98       |
| 32) Benzoic acid              | 10.374 | 122  | 75150    | 35.543  | ng    | # 77     |
| 33) 4-Chloroaniline           | 11.232 | 127  | 122331   | 29.135  | ng    | 98       |
| 34) Hexachlorobutadiene       | 11.402 | 225  | 79739    | 38.507  | ng    | 97       |
| 35) Caprolactam               | 12.007 | 113  | 24533    | 22.076  | ng    | # 63     |
| 36) 4-Chloro-3-methylphenol   | 12.330 | 107  | 150109   | 41.360  | ng    | 94       |
| 37) 2-Methylnaphthalene       | 12.718 | 142  | 280189   | 40.579  | ng    | 93       |
| 38) 1-Methylnaphthalene       | 12.936 | 142  | 258491   | 38.607  | ng    | 91       |
| 40) 1,2,4,5-Tetrachloroben... | 13.077 | 216  | 138881   | 38.638  | ng    | 97       |
| 41) Hexachlorocyclopentadiene | 13.047 | 237  | 168356   | 81.044  | ng    | 91       |
| 43) 2,4,6-Trichlorophenol     | 13.312 | 196  | 100884   | 39.830  | ng    | 97       |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 14 10:56:22 2021  
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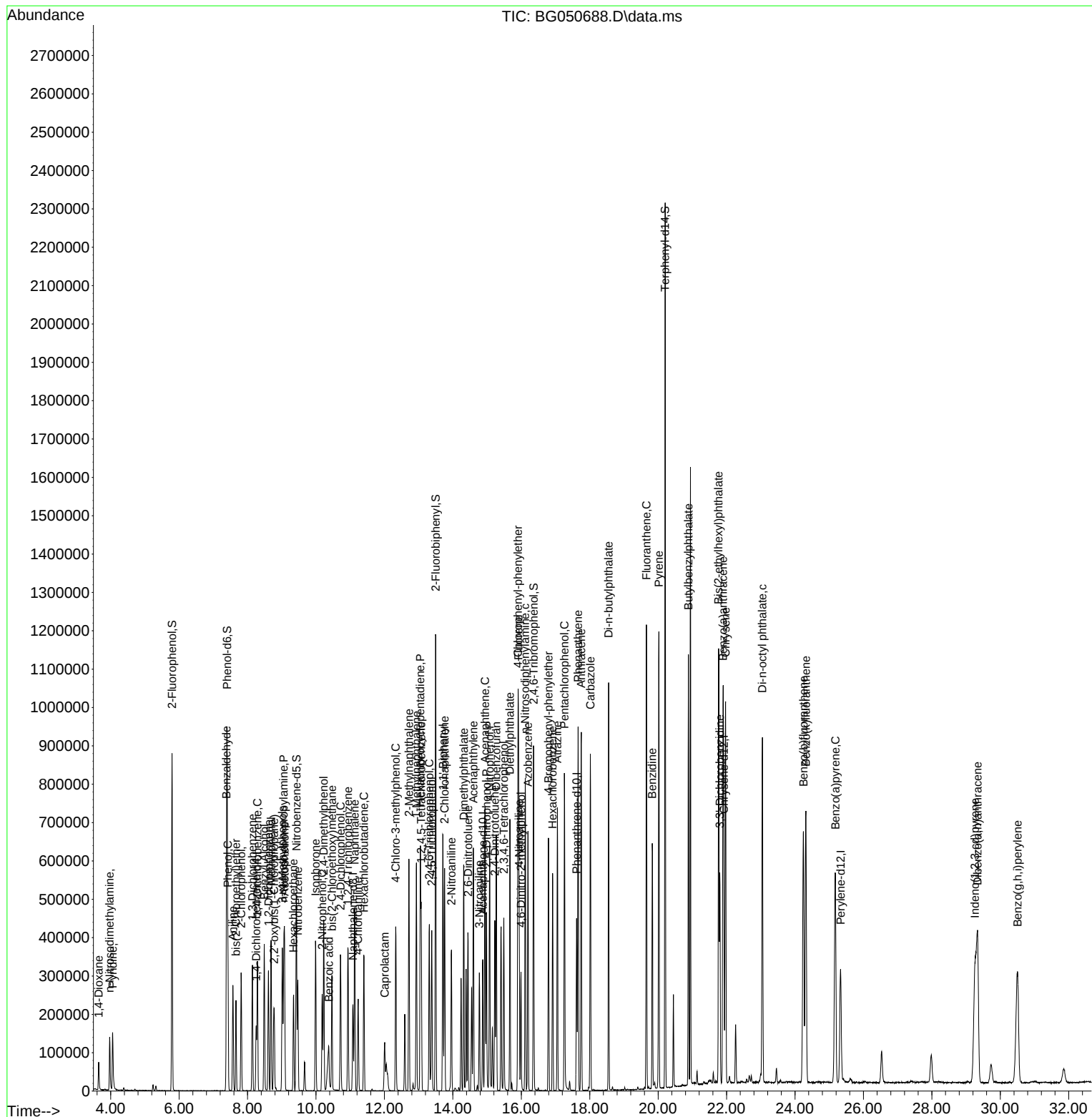
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.382 | 196  | 110000   | 41.539 | ng    | 91       |
| 46) 1,1'-Biphenyl             | 13.711 | 154  | 344516   | 38.805 | ng    | 95       |
| 47) 2-Chloronaphthalene       | 13.758 | 162  | 273752   | 40.156 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.958 | 65   | 116307   | 42.888 | ng    | 94       |
| 49) Acenaphthylene            | 14.598 | 152  | 450432   | 40.325 | ng    | 97       |
| 50) Dimethylphthalate         | 14.316 | 163  | 365937   | 39.775 | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 14.446 | 165  | 79622    | 43.208 | ng    | 87       |
| 52) Acenaphthene              | 14.939 | 154  | 263666   | 36.733 | ng    | 92       |
| 53) 3-Nitroaniline            | 14.775 | 138  | 69821    | 32.032 | ng    | 87       |
| 54) 2,4-Dinitrophenol         | 14.980 | 184  | 90920    | 79.531 | ng    | 94       |
| 55) Dibenzofuran              | 15.268 | 168  | 424872   | 38.272 | ng    | 97       |
| 56) 4-Nitrophenol             | 15.074 | 139  | 146687   | 83.659 | ng    | # 81     |
| 57) 2,4-Dinitrotoluene        | 15.227 | 165  | 115050   | 44.294 | ng    | 95       |
| 58) Fluorene                  | 15.914 | 166  | 338316   | 39.676 | ng    | 95       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.491 | 232  | 88801    | 38.496 | ng    | 93       |
| 60) Diethylphthalate          | 15.668 | 149  | 392100   | 40.562 | ng    | 96       |
| 61) 4-Chlorophenyl-phenyle... | 15.903 | 204  | 179896   | 38.558 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.938 | 138  | 91047    | 40.147 | ng    | # 68     |
| 63) Azobenzene                | 16.196 | 77   | 434085   | 38.792 | ng    | 83       |
| 65) 4,6-Dinitro-2-methylph... | 15.991 | 198  | 62868    | 38.312 | ng    | 88       |
| 66) n-Nitrosodiphenylamine    | 16.114 | 169  | 308131   | 39.694 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 16.796 | 248  | 109155   | 39.650 | ng    | 99       |
| 68) Hexachlorobenzene         | 16.913 | 284  | 112174   | 40.997 | ng    | # 91     |
| 69) Atrazine                  | 17.054 | 200  | 128507   | 42.024 | ng    | 97       |
| 70) Pentachlorophenol         | 17.260 | 266  | 135955   | 72.991 | ng    | 96       |
| 71) Phenanthrene              | 17.659 | 178  | 578864   | 40.209 | ng    | 98       |
| 72) Anthracene                | 17.753 | 178  | 583382   | 40.779 | ng    | 97       |
| 73) Carbazole                 | 18.018 | 167  | 564997   | 39.626 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.553 | 149  | 718727   | 42.953 | ng    | 98       |
| 75) Fluoranthene              | 19.657 | 202  | 736350   | 41.609 | ng    | 96       |
| 77) Benzidine                 | 19.828 | 184  | 357598   | 44.754 | ng    | 99       |
| 78) Pyrene                    | 20.021 | 202  | 732073   | 41.854 | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.885 | 149  | 325434   | 43.987 | ng    | 95       |
| 81) Benzo(a)anthracene        | 21.896 | 228  | 668662   | 40.991 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.802 | 252  | 194662   | 36.008 | ng    | # 97     |
| 83) Chrysene                  | 21.972 | 228  | 642652   | 41.883 | ng    | 96       |
| 84) Bis(2-ethylhexyl)phtha... | 21.766 | 149  | 461655   | 43.916 | ng    | # 96     |
| 85) Di-n-octyl phthalate      | 23.047 | 149  | 789681   | 45.039 | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 29.258 | 276  | 725690   | 43.447 | ng    | # 88     |
| 88) Benzo(b)fluoranthene      | 24.246 | 252  | 687655   | 46.822 | ng    | # 92     |
| 89) Benzo(k)fluoranthene      | 24.316 | 252  | 633590   | 43.852 | ng    | # 97     |
| 90) Benzo(a)pyrene            | 25.180 | 252  | 652435   | 52.248 | ng    | # 95     |
| 91) Dibenzo(a,h)anthracene    | 29.334 | 278  | 612891   | 44.363 | ng    | # 90     |
| 92) Benzo(g,h,i)perylene      | 30.503 | 276  | 601878   | 44.482 | ng    | # 89     |

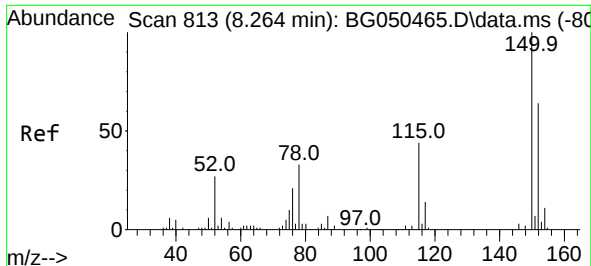
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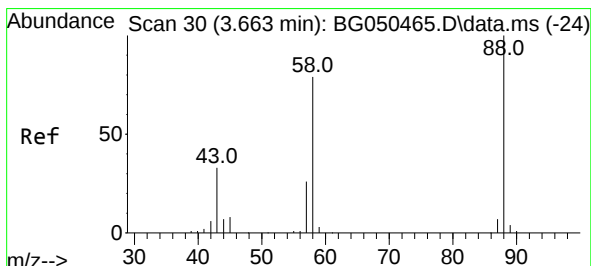
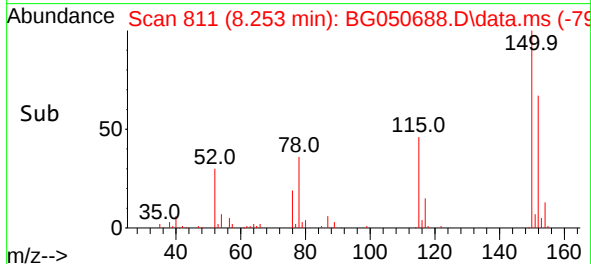
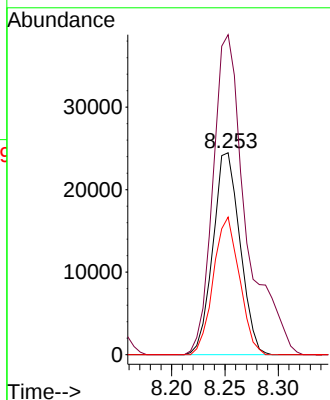
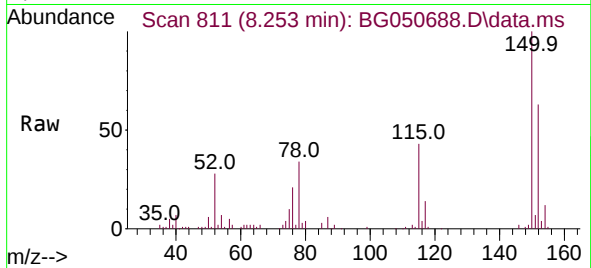




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.253 min Scan# 811  
Delta R.T. -0.005 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

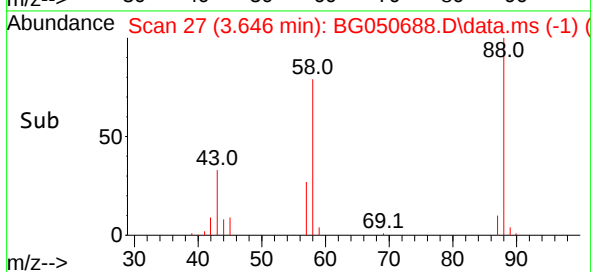
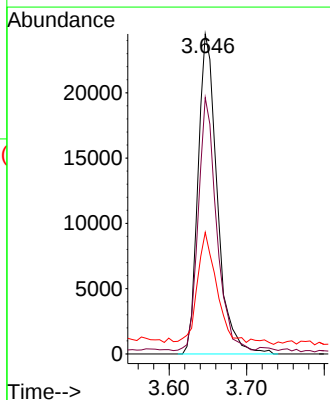
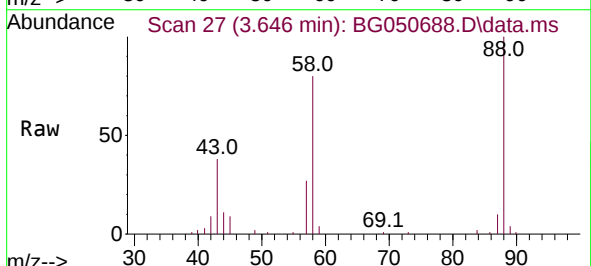
Instrument :  
BNA\_G  
ClientSampleID :  
PB140130BS

Tgt Ion:152 Resp: 43174  
Ion Ratio Lower Upper  
152 100  
150 158.5 119.4 179.0  
115 68.1 60.2 90.4



#2  
1,4-Dioxane  
Concen: 28.138 ng  
RT: 3.646 min Scan# 27  
Delta R.T. -0.011 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

Tgt Ion: 88 Resp: 42071  
Ion Ratio Lower Upper  
88 100  
58 75.3 55.7 83.5  
43 33.9 29.3 43.9

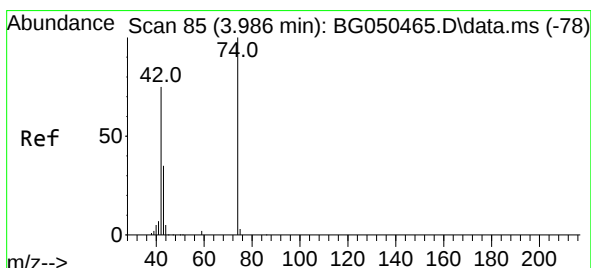
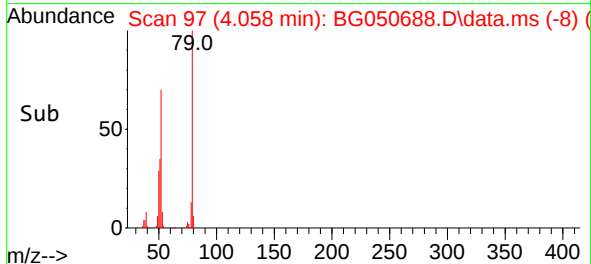
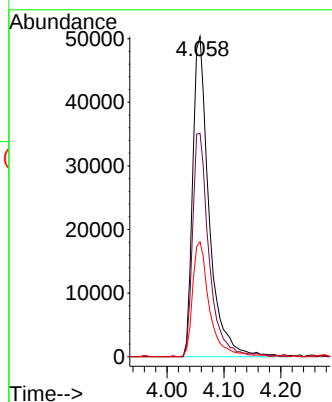
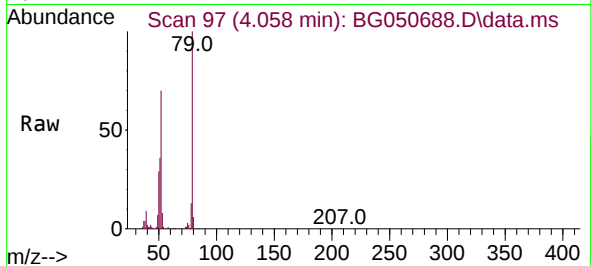




#3  
Pyridine  
Concen: 24.681 ng  
RT: 4.058 min Scan# 97  
Delta R.T. -0.005 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

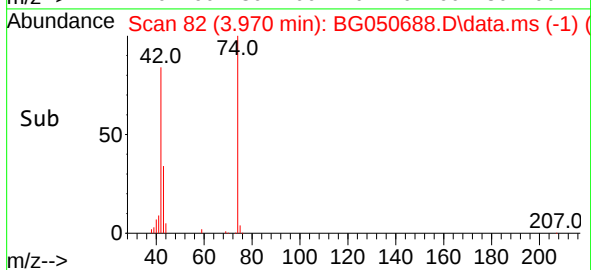
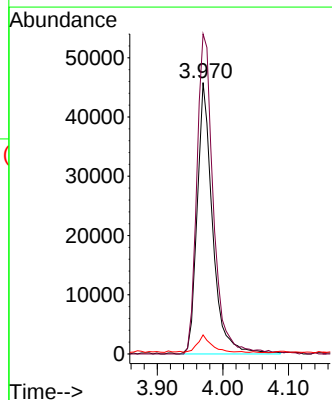
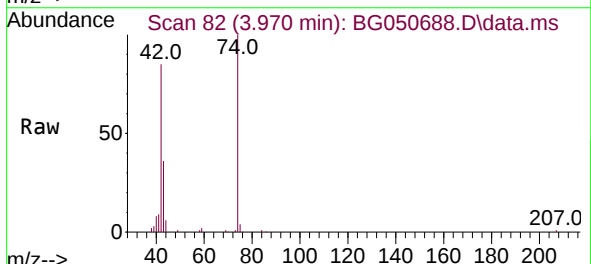
Instrument :  
BNA\_G  
ClientSampleId :  
PB140130BS

Tgt Ion: 79 Resp: 100809  
Ion Ratio Lower Upper  
79 100  
52 69.8 58.4 87.6  
51 35.9 37.0 55.6#



#4  
n-Nitrosodimethylamine  
Concen: 38.856 ng  
RT: 3.970 min Scan# 82  
Delta R.T. -0.011 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

Tgt Ion: 42 Resp: 74791  
Ion Ratio Lower Upper  
42 100  
74 118.0 64.0 96.0#  
44 7.0 2.7 4.1#

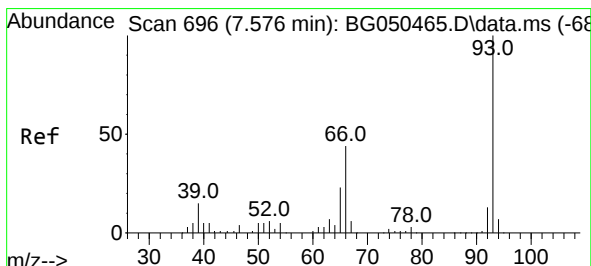
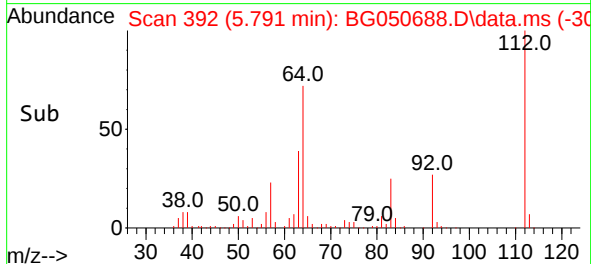
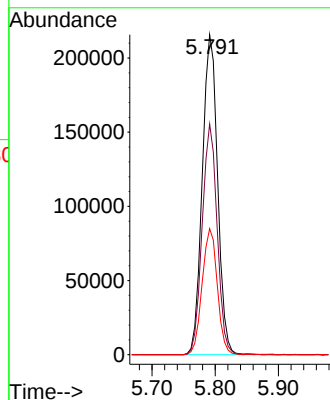
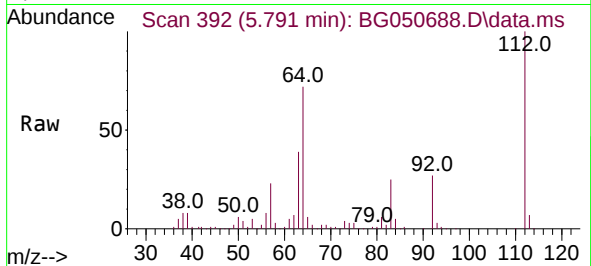




#5  
2-Fluorophenol  
Concen: 125.938 ng  
RT: 5.791 min Scan# 392  
Delta R.T. 0.000 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

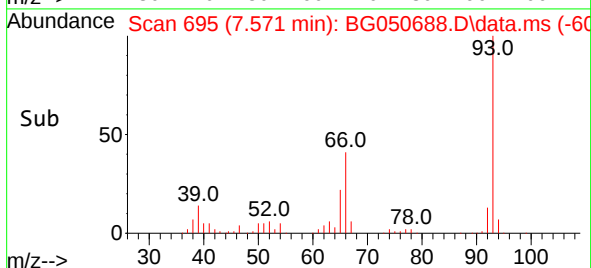
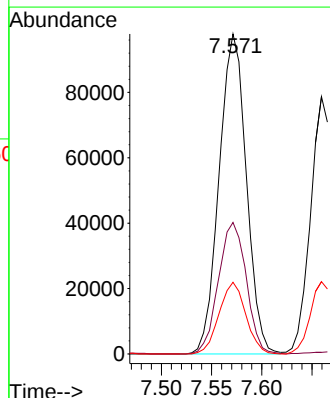
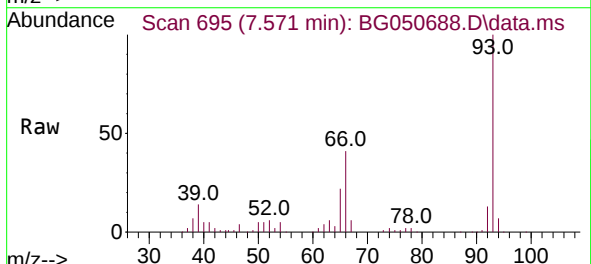
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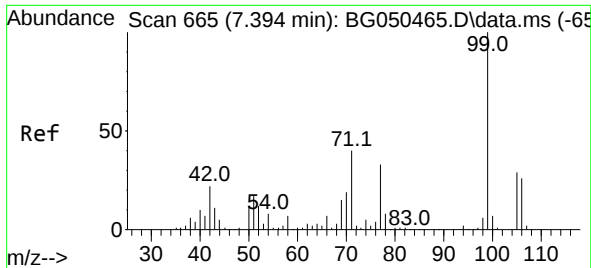
Tgt Ion:112 Resp: 363566  
Ion Ratio Lower Upper  
112 100  
64 72.1 46.7 70.1#  
63 39.4 35.3 52.9



#6  
Aniline  
Concen: 38.026 ng  
RT: 7.571 min Scan# 695  
Delta R.T. -0.005 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

Tgt Ion: 93 Resp: 184657  
Ion Ratio Lower Upper  
93 100  
66 41.1 30.6 45.8  
65 22.4 15.0 22.4

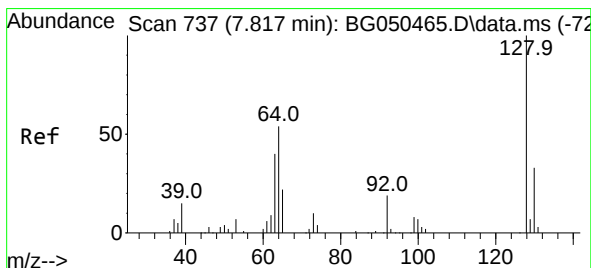
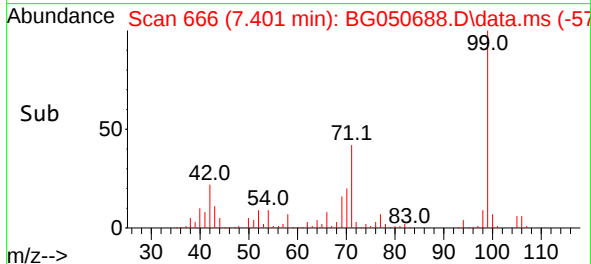
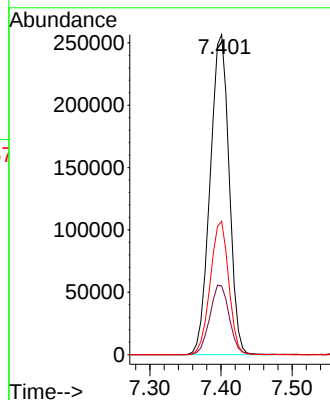
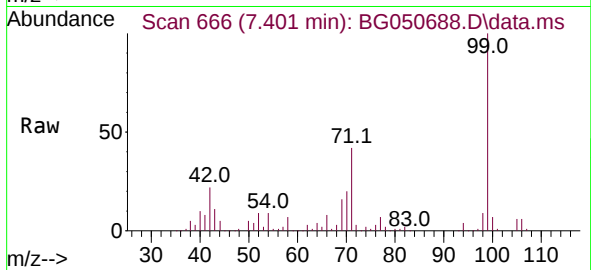




#7  
Phenol-d6  
Concen: 113.667 ng  
RT: 7.401 min Scan# 666  
Delta R.T. 0.000 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

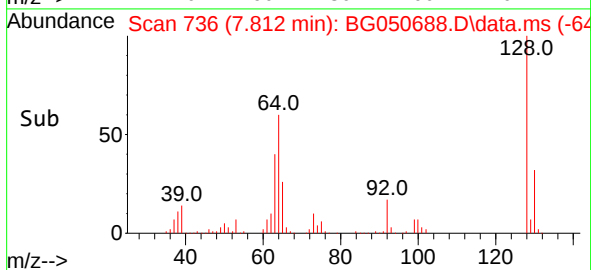
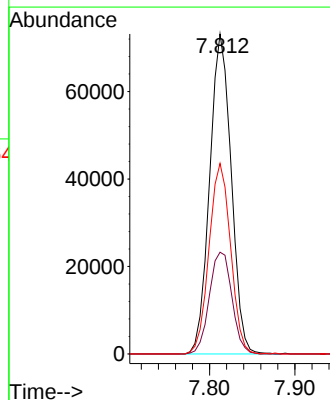
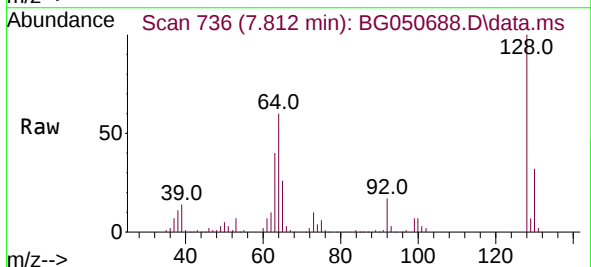
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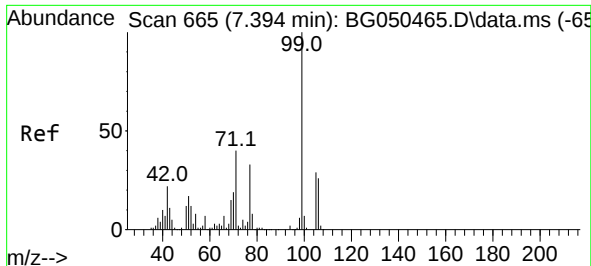
Tgt Ion: 99 Resp: 475091  
Ion Ratio Lower Upper  
99 100  
42 21.5 20.5 30.7  
71 41.7 41.5 62.3



#8  
2-Chlorophenol  
Concen: 46.262 ng  
RT: 7.812 min Scan# 736  
Delta R.T. -0.005 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

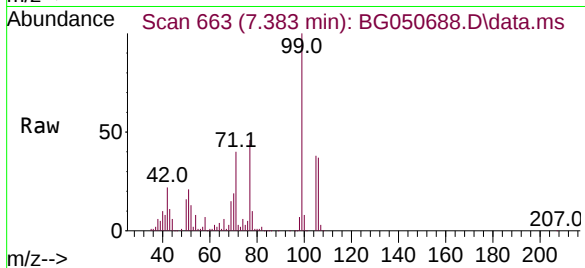
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Ion Ratio Lower Upper  
128 100  
130 31.8 10.0 50.0  
64 59.5 28.1 68.1



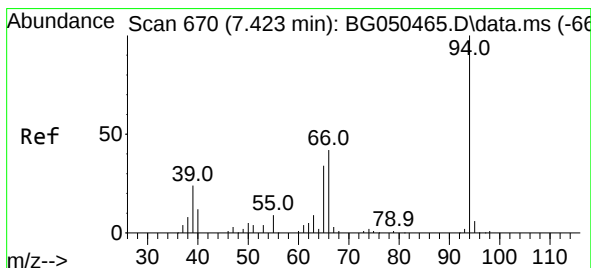
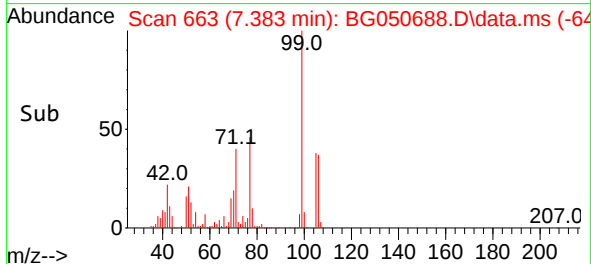
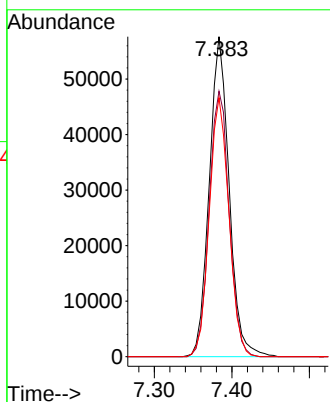


#9  
Benzaldehyde  
Concen: 38.785 ng  
RT: 7.383 min Scan# 663  
Delta R.T. -0.005 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

Instrument :  
BNA\_G  
ClientSampleId :  
PB140130BS

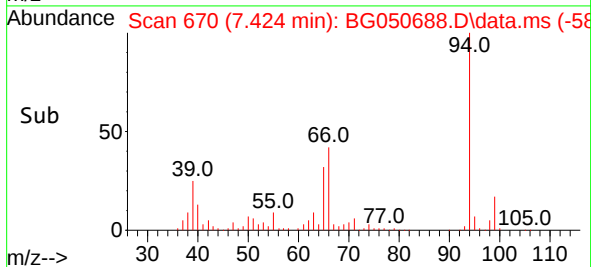
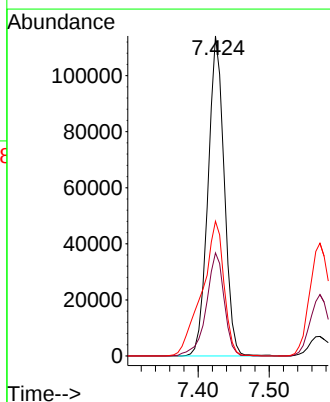
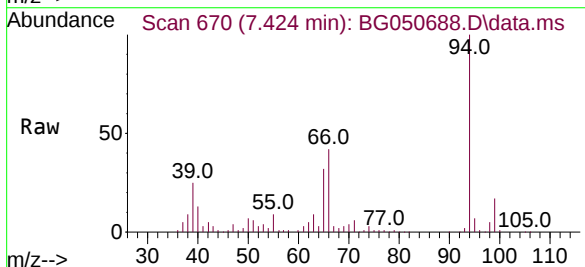


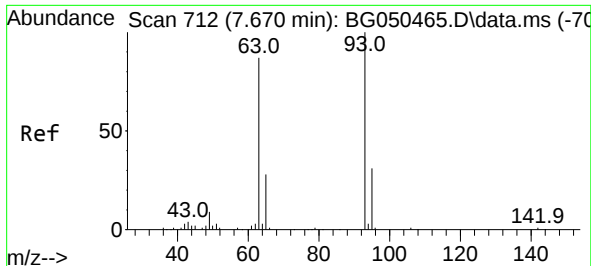
Tgt Ion: 77 Resp: 102601  
Ion Ratio Lower Upper  
77 100  
105 83.0 68.8 108.8  
106 81.0 47.9 87.9



#10  
Phenol  
Concen: 44.547 ng  
RT: 7.424 min Scan# 670  
Delta R.T. 0.000 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

Tgt Ion: 94 Resp: 181035  
Ion Ratio Lower Upper  
94 100  
65 32.2 12.9 52.9  
66 42.1 39.4 79.4

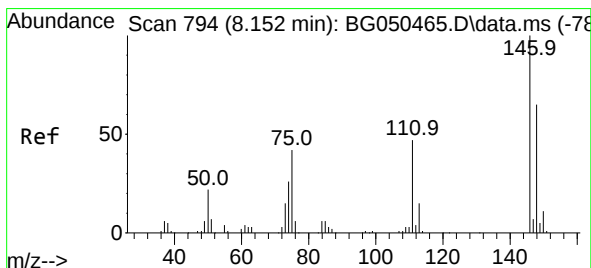
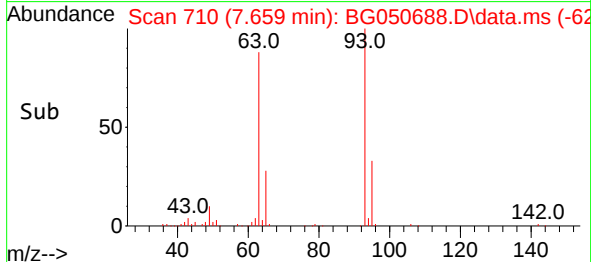
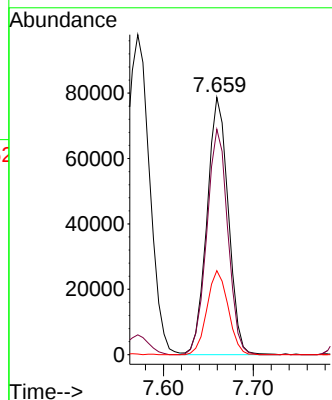
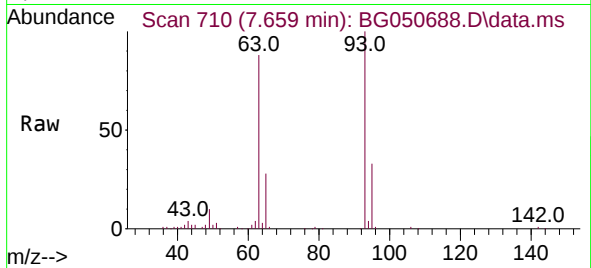




#11  
bis(2-Chloroethyl)ether  
Concen: 40.949 ng  
RT: 7.659 min Scan# 710  
Delta R.T. -0.005 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

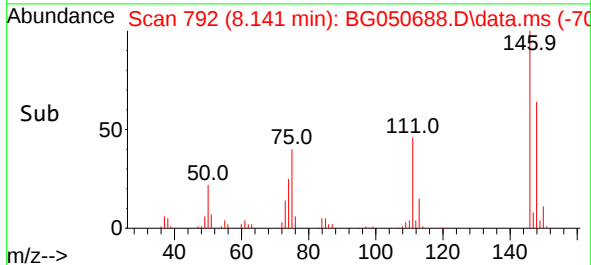
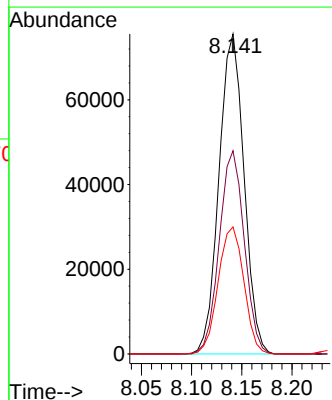
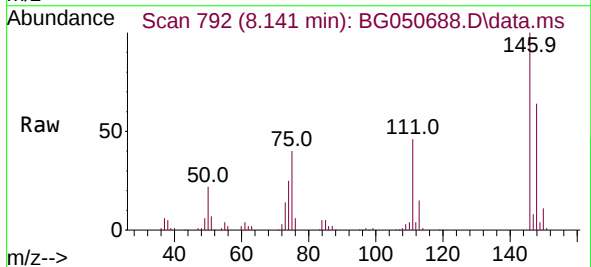
Instrument :  
BNA\_G  
ClientSampleId :  
PB140130BS

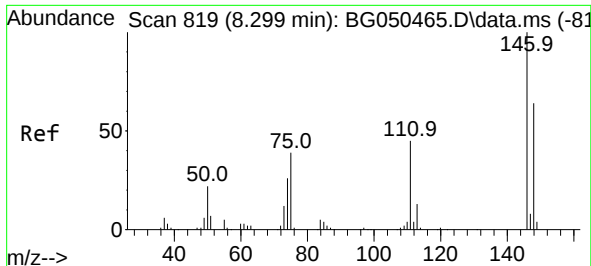
Tgt Ion: 93 Resp: 129883  
Ion Ratio Lower Upper  
93 100  
63 87.6 50.4 90.4  
95 32.7 15.3 55.3



#12  
1,3-Dichlorobenzene  
Concen: 40.851 ng  
RT: 8.141 min Scan# 792  
Delta R.T. -0.005 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

Tgt Ion:146 Resp: 131075  
Ion Ratio Lower Upper  
146 100  
148 63.5 52.6 78.8  
75 39.7 35.7 53.5

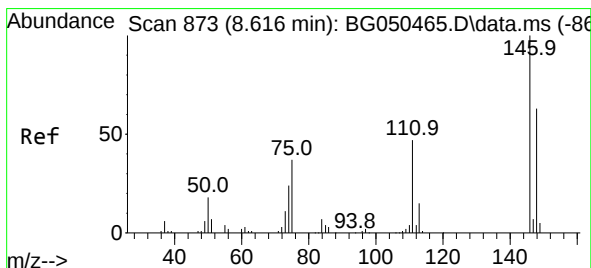
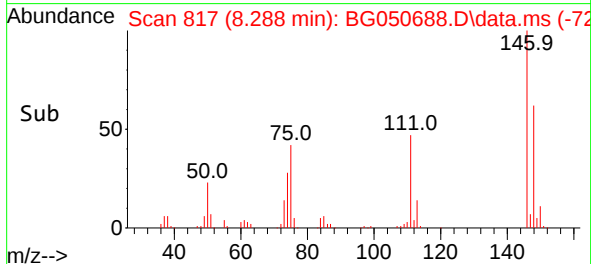
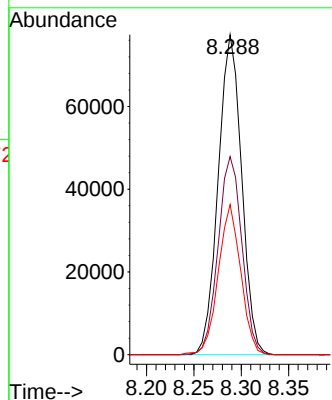
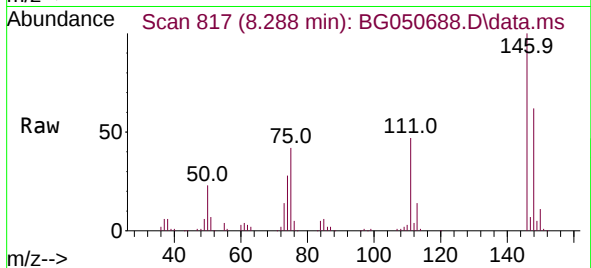




#13  
1,4-Dichlorobenzene  
Concen: 41.166 ng  
RT: 8.288 min Scan# 817  
Delta R.T. -0.005 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

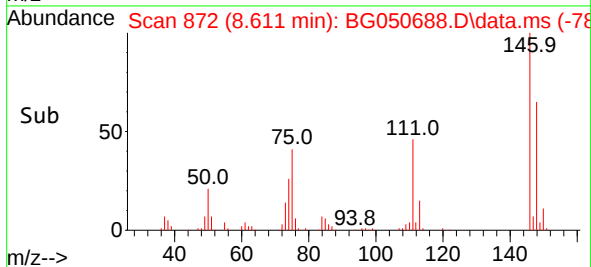
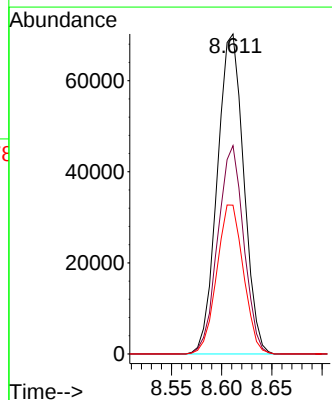
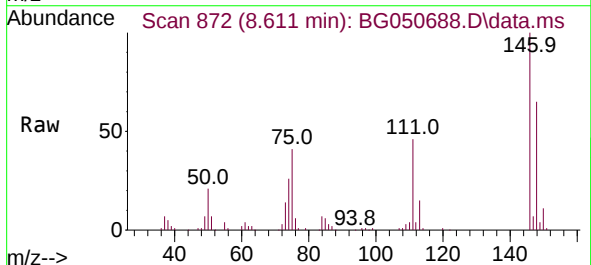
Instrument :  
BNA\_G  
ClientSampleId :  
PB140130BS

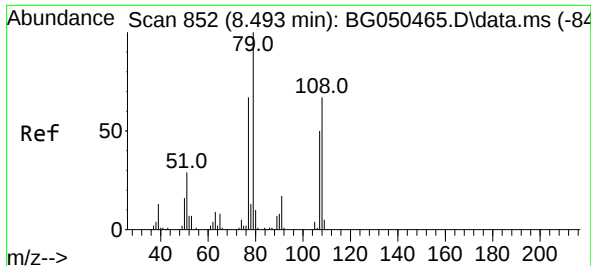
Tgt Ion:146 Resp: 133162  
Ion Ratio Lower Upper  
146 100  
148 61.9 54.0 81.0  
111 46.9 34.3 51.5



#14  
1,2-Dichlorobenzene  
Concen: 41.660 ng  
RT: 8.611 min Scan# 872  
Delta R.T. -0.005 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

Tgt Ion:146 Resp: 128717  
Ion Ratio Lower Upper  
146 100  
148 65.1 47.5 71.3  
111 46.5 39.1 58.7

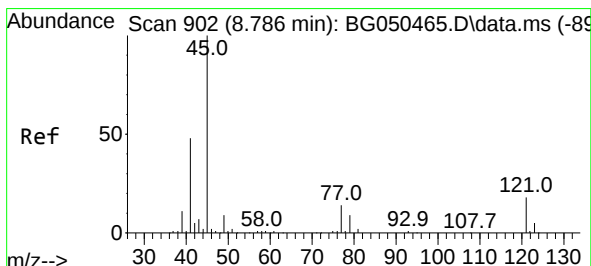
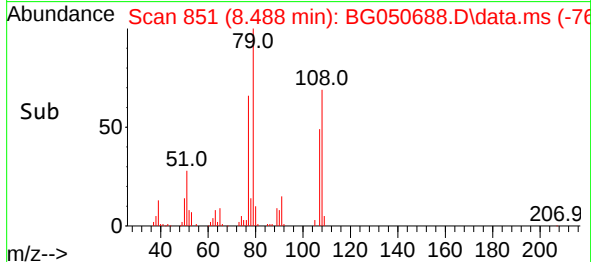
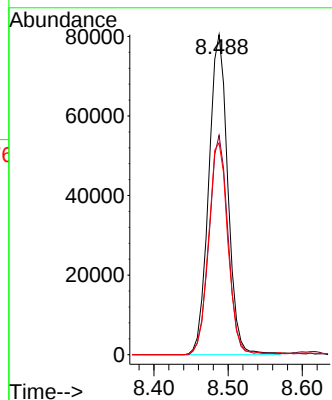
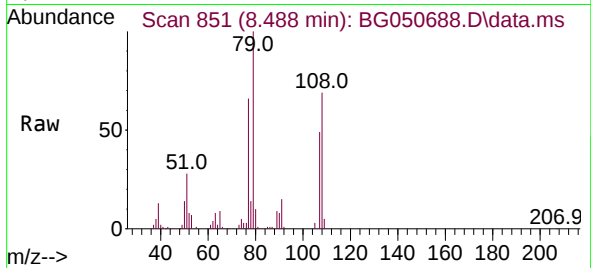




#15  
Benzyl Alcohol  
Concen: 43.452 ng  
RT: 8.488 min Scan# 851  
Delta R.T. -0.005 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

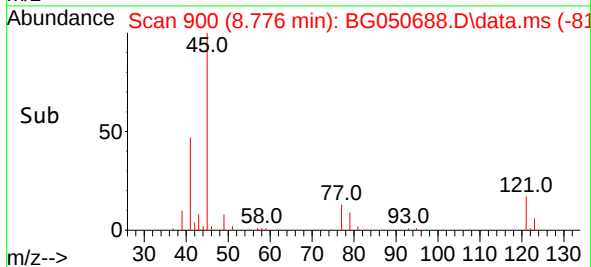
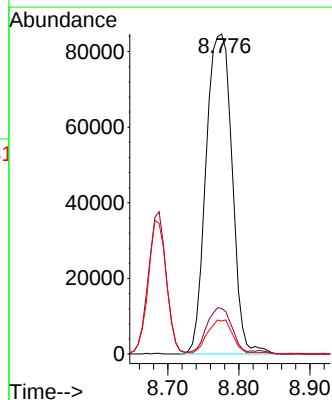
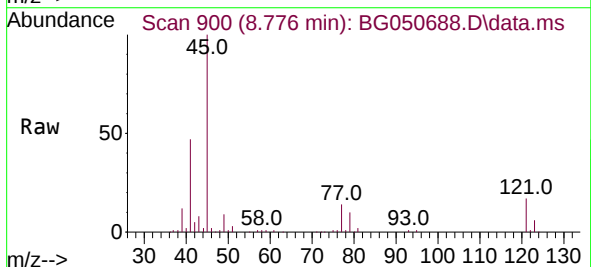
Instrument :  
BNA\_G  
ClientSampleId :  
PB140130BS

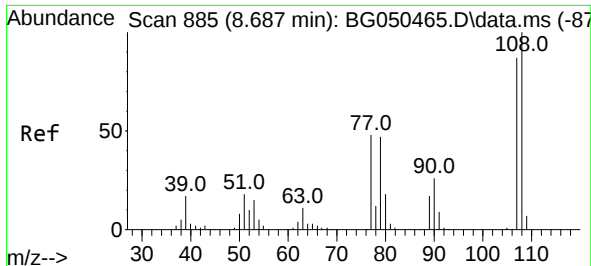
Tgt Ion: 79 Resp: 143522  
Ion Ratio Lower Upper  
79 100  
108 68.5 48.2 72.4  
77 66.2 57.3 85.9



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 41.675 ng  
RT: 8.776 min Scan# 900  
Delta R.T. 0.000 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

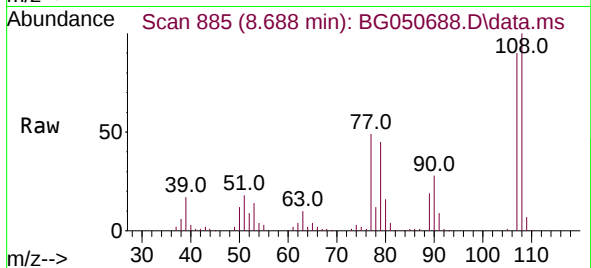
Tgt Ion: 45 Resp: 215579  
Ion Ratio Lower Upper  
45 100  
77 14.2 2.2 42.2  
79 10.3 0.0 34.3



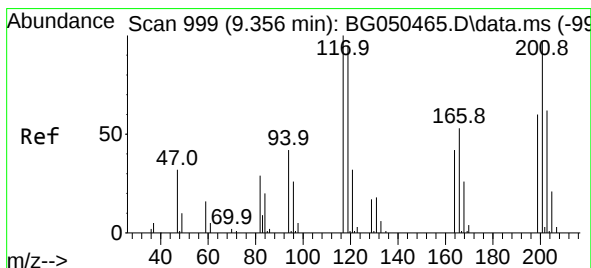
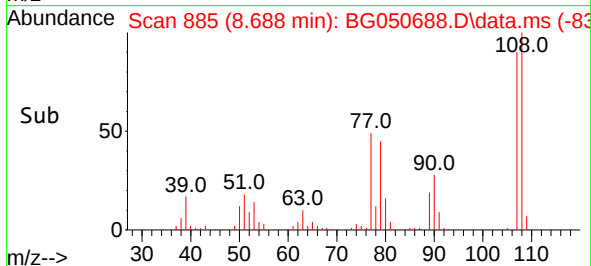
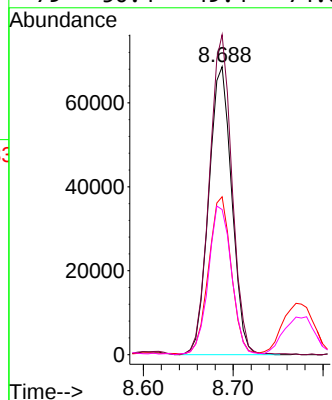


#17  
2-Methylphenol  
Concen: 45.669 ng  
RT: 8.688 min Scan# 885  
Delta R.T. 0.000 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

Instrument :  
BNA\_G  
ClientSampleId :  
PB140130BS

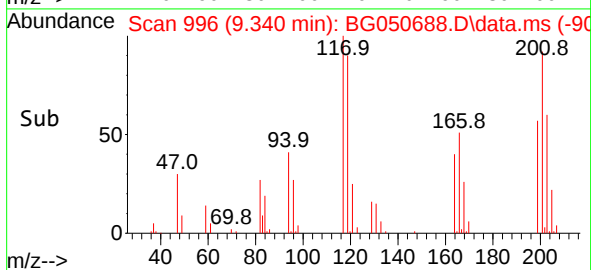
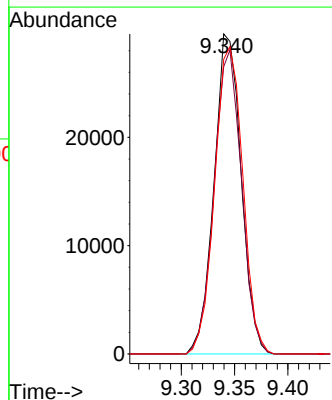
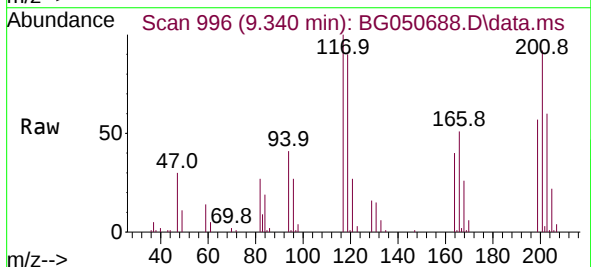


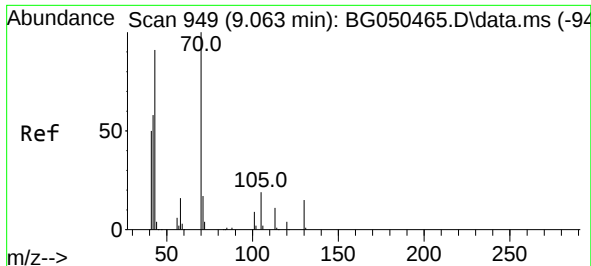
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 122118 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 111.1 | 84.6  | 127.0  |
| 77       | 54.8  | 50.7  | 76.1   |
| 79       | 50.4  | 49.4  | 74.0   |



#18  
Hexachloroethane  
Concen: 42.672 ng  
RT: 9.340 min Scan# 996  
Delta R.T. -0.011 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 52242 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 89.8  | 74.4  | 111.6 |
| 201      | 92.1  | 88.6  | 133.0 |

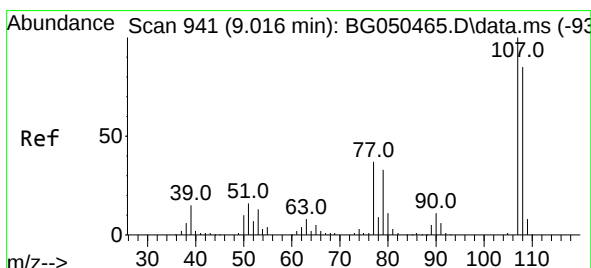
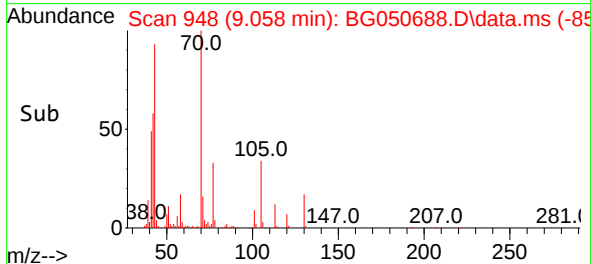
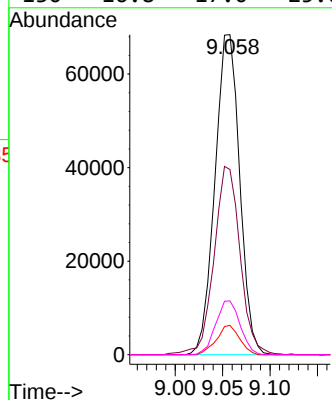
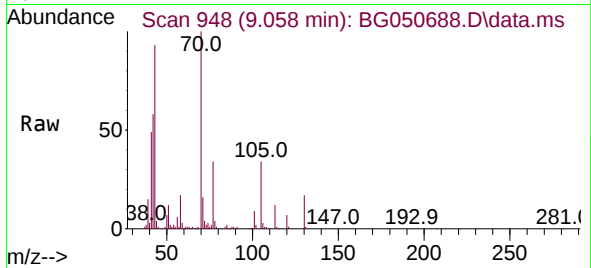




#19  
n-Nitroso-di-n-propylamine  
Concen: 40.820 ng  
RT: 9.058 min Scan# 948  
Delta R.T. 0.000 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

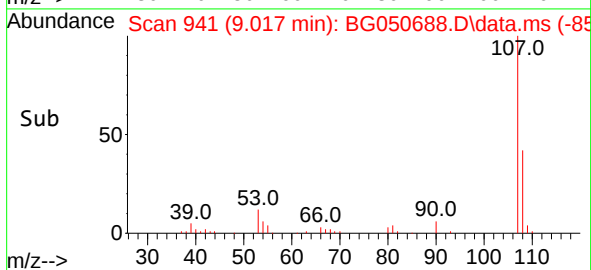
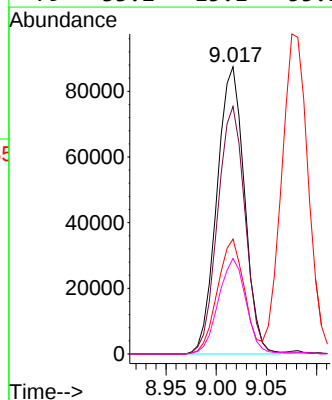
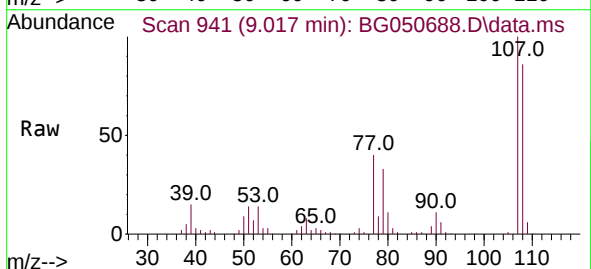
Instrument :  
BNA\_G  
ClientSampleId :  
PB140130BS

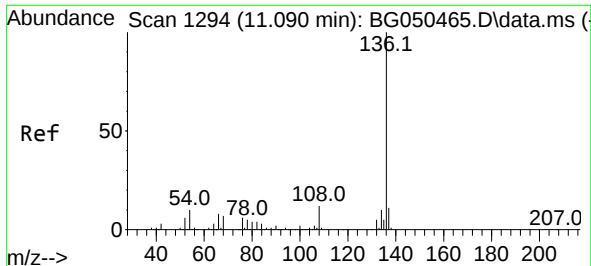
Tgt Ion: 70 Resp: 124356  
Ion Ratio Lower Upper  
70 100  
42 57.9 54.5 81.7  
101 9.1 9.0 13.6  
130 16.8 17.0 25.6#



#20  
3+4-Methylphenols  
Concen: 44.231 ng  
RT: 9.017 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

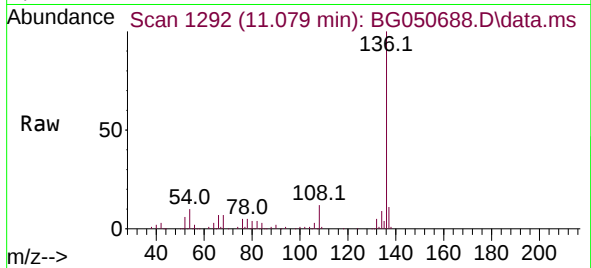
Tgt Ion: 107 Resp: 166473  
Ion Ratio Lower Upper  
107 100  
108 86.2 69.3 109.3  
77 40.0 25.2 65.2  
79 33.2 15.1 55.1



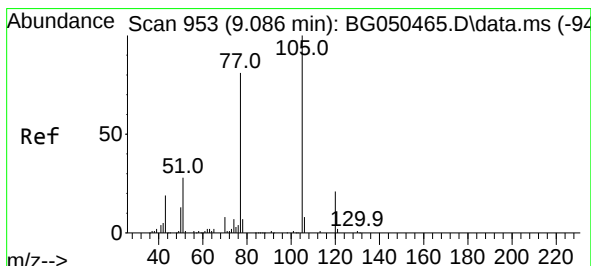
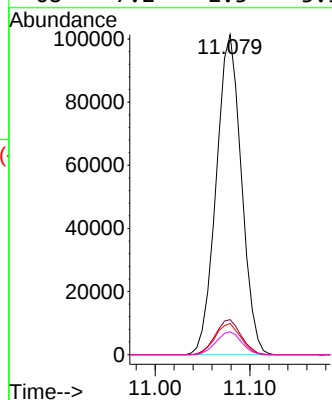
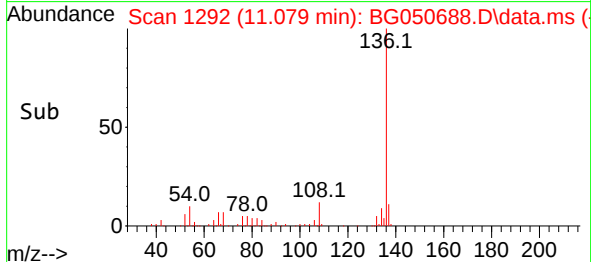


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.079 min Scan# 1292  
Delta R.T. -0.005 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

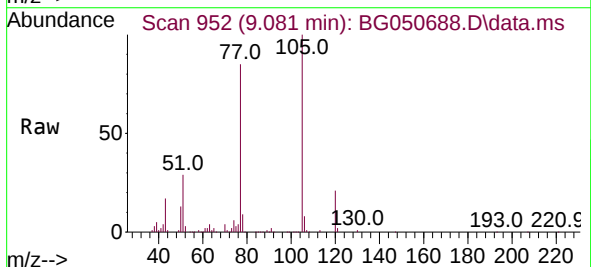
Instrument :  
BNA\_G  
ClientSampleId :  
PB140130BS



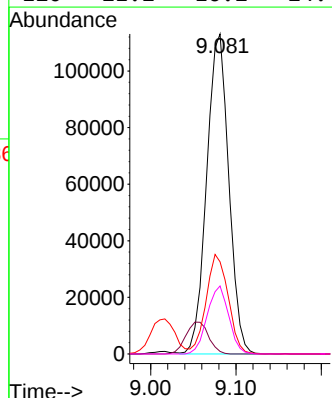
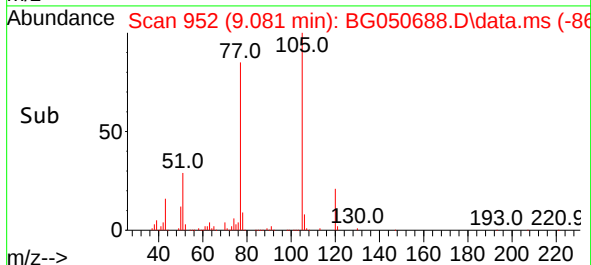
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 186958 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.0  | 8.2   | 12.2   |
| 54        | 9.7   | 5.5   | 8.3#   |
| 68        | 7.2   | 2.3   | 3.5#   |

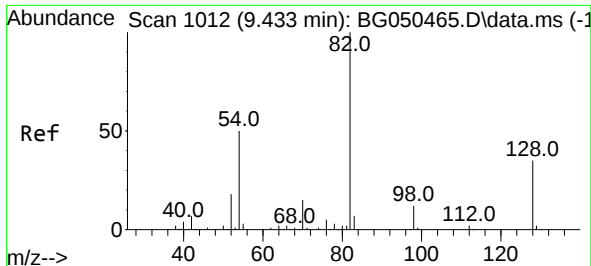


#22  
Acetophenone  
Concen: 38.319 ng  
RT: 9.081 min Scan# 952  
Delta R.T. -0.005 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 203674 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 0.8   | 0.6   | 0.8    |
| 51        | 28.8  | 26.6  | 40.0   |
| 120       | 21.2  | 16.2  | 24.4   |





#23

Nitrobenzene-d5

Concen: 73.585 ng

RT: 9.428 min Scan# 1011

Delta R.T. 0.000 min

Lab File: BG050688.D

Acq: 22 Oct 2021 13:53

Tgt Ion: 82 Resp: 332334

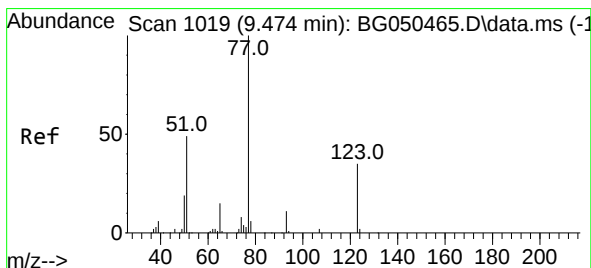
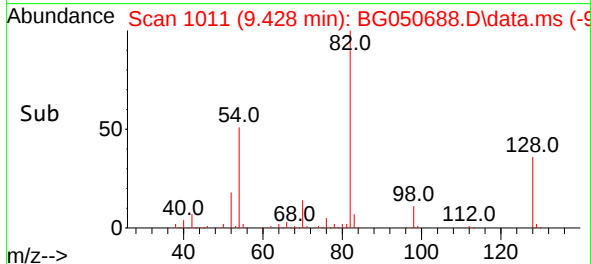
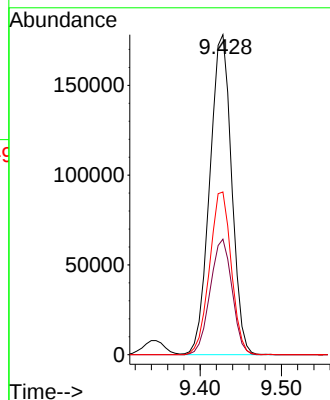
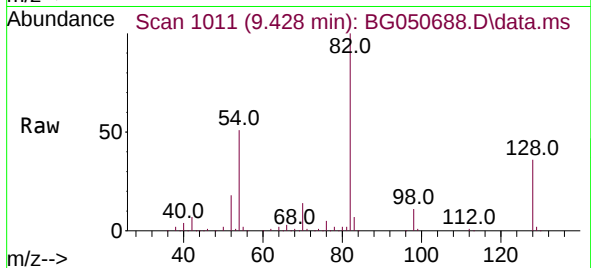
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 36.1  | 29.8  | 44.6  |
| 54  | 50.8  | 45.8  | 68.8  |

Instrument :

BNA\_G

ClientSampleId :

PB140130BS



#24

Nitrobenzene

Concen: 39.776 ng

RT: 9.469 min Scan# 1018

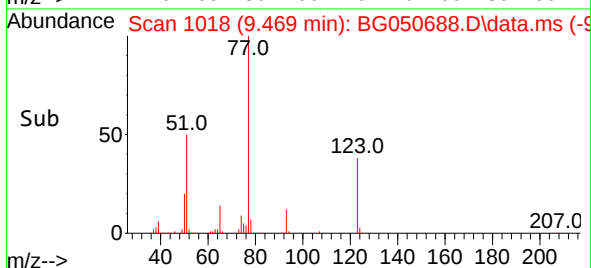
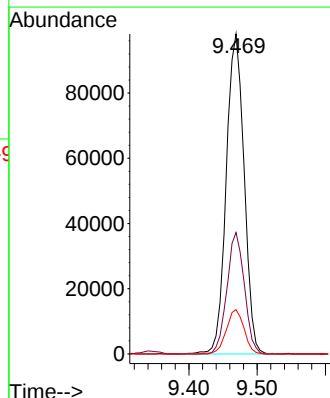
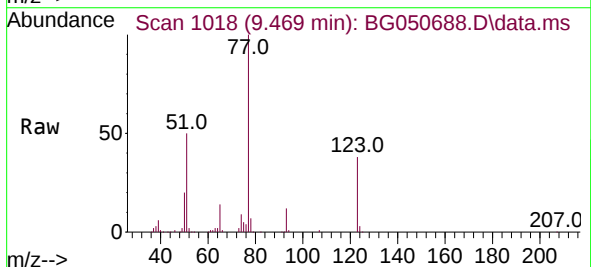
Delta R.T. -0.005 min

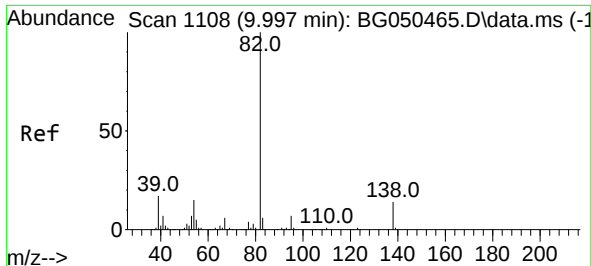
Lab File: BG050688.D

Acq: 22 Oct 2021 13:53

Tgt Ion: 77 Resp: 178620

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 38.0  | 27.5  | 41.3  |
| 65  | 13.9  | 12.6  | 18.8  |

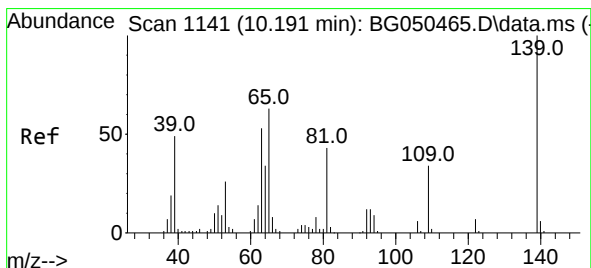
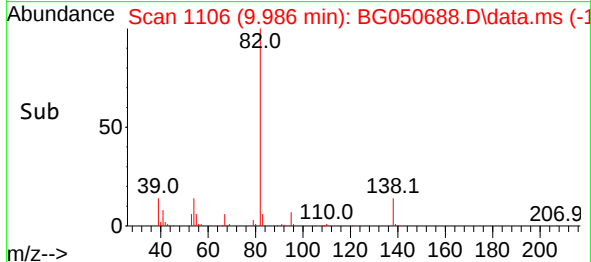
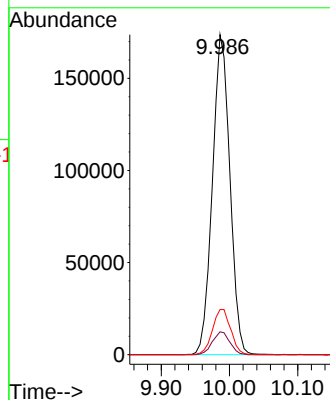
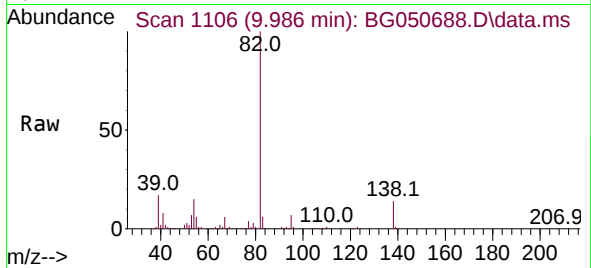




#25  
Isophorone  
Concen: 38.671 ng  
RT: 9.986 min Scan# 1106  
Delta R.T. -0.005 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

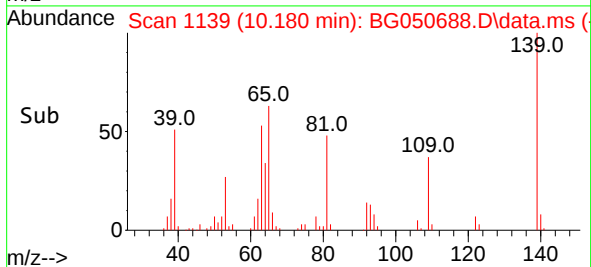
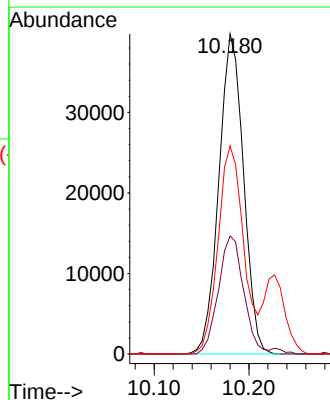
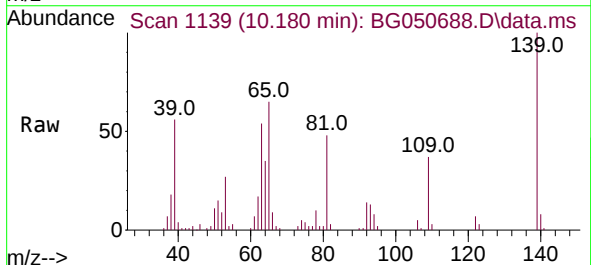
Instrument :  
BNA\_G  
ClientSampleId :  
PB140130BS

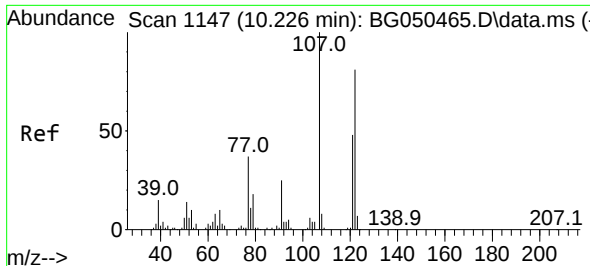
Tgt Ion: 82 Resp: 309786  
Ion Ratio Lower Upper  
82 100  
95 7.2 8.5 12.7#  
138 14.1 11.8 17.6



#26  
2-Nitrophenol  
Concen: 43.553 ng  
RT: 10.180 min Scan# 1139  
Delta R.T. -0.005 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

Tgt Ion: 139 Resp: 71816  
Ion Ratio Lower Upper  
139 100  
109 36.9 37.8 56.6#  
65 65.0 51.8 77.8

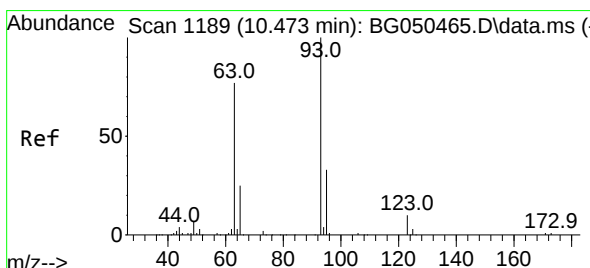
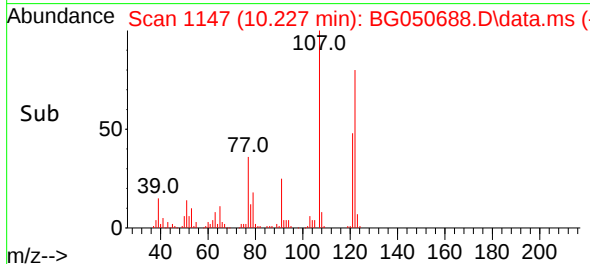
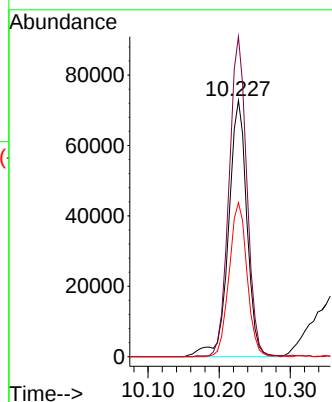
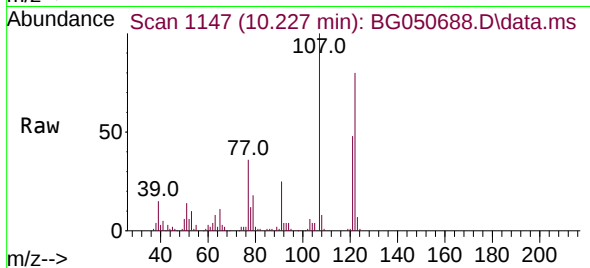




#27  
2,4-Dimethylphenol  
Concen: 45.682 ng  
RT: 10.227 min Scan# 1147  
Delta R.T. -0.005 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

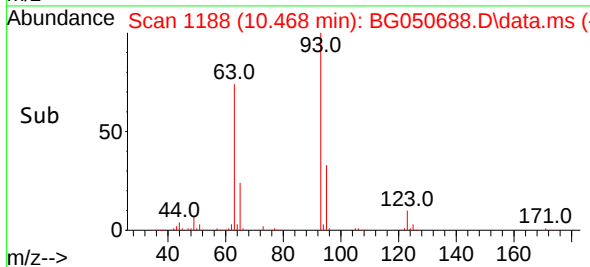
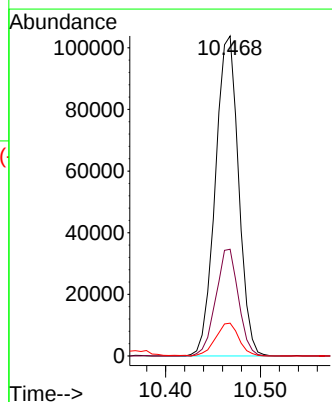
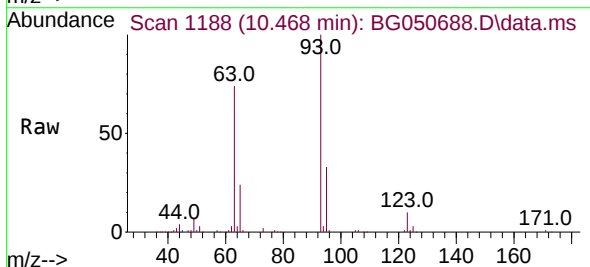
Instrument :  
BNA\_G  
ClientSampleId :  
PB140130BS

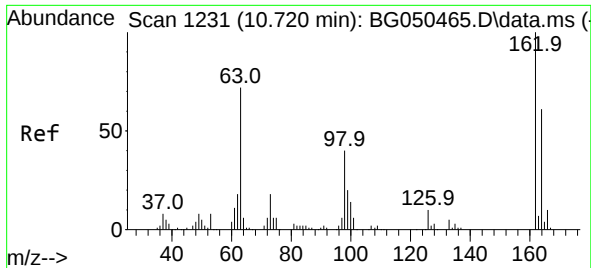
Tgt Ion:122 Resp: 130141  
Ion Ratio Lower Upper  
122 100  
107 124.8 110.1 165.1  
121 60.1 49.0 73.6



#28  
bis(2-Chloroethoxy)methane  
Concen: 38.562 ng  
RT: 10.468 min Scan# 1188  
Delta R.T. -0.005 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

Tgt Ion: 93 Resp: 176629  
Ion Ratio Lower Upper  
93 100  
95 33.3 22.2 33.4  
123 10.2 8.8 13.2

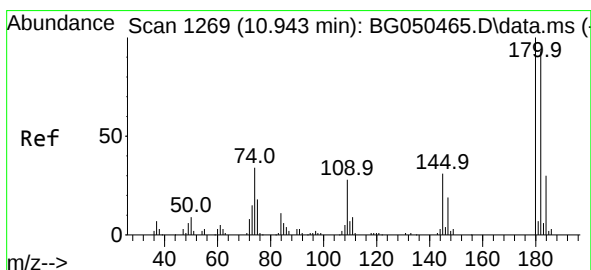
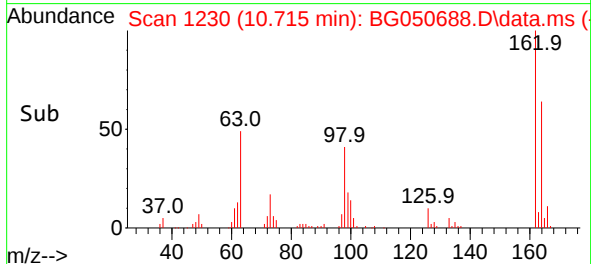
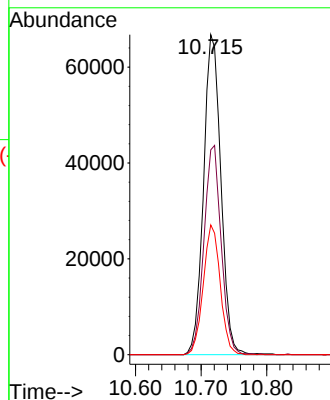
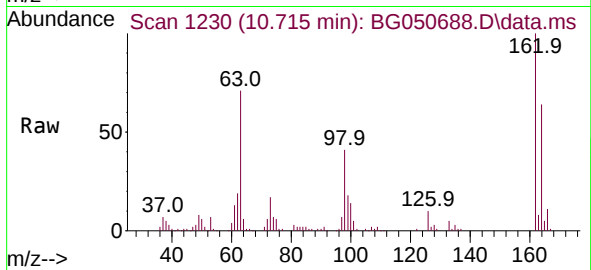




#29  
2,4-Dichlorophenol  
Concen: 42.404 ng  
RT: 10.715 min Scan# 1230  
Delta R.T. -0.006 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

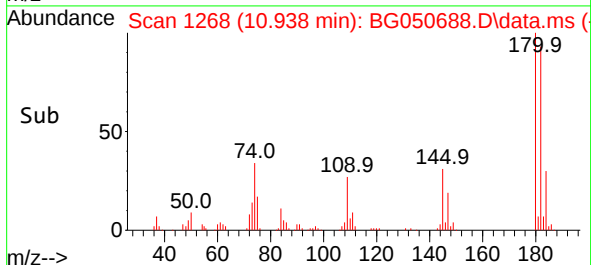
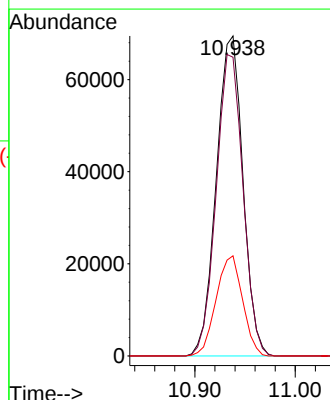
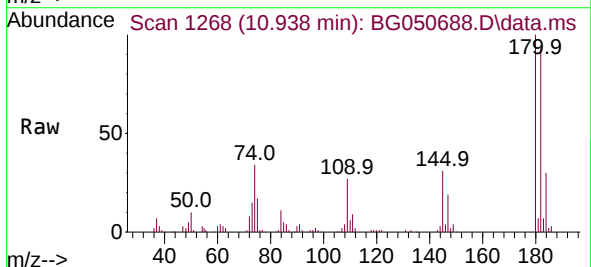
Instrument :  
BNA\_G  
ClientSampleId :  
PB140130BS

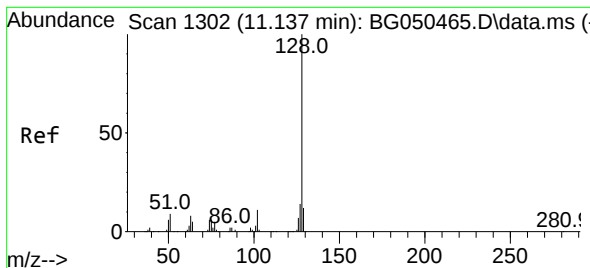
Tgt Ion:162 Resp: 123125  
Ion Ratio Lower Upper  
162 100  
164 64.0 39.4 79.4  
98 40.6 18.7 58.7



#30  
1,2,4-Trichlorobenzene  
Concen: 38.760 ng  
RT: 10.938 min Scan# 1268  
Delta R.T. -0.005 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

Tgt Ion:180 Resp: 127845  
Ion Ratio Lower Upper  
180 100  
182 93.4 78.9 118.3  
145 31.3 26.2 39.4

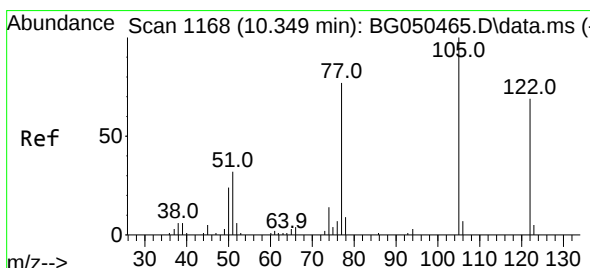
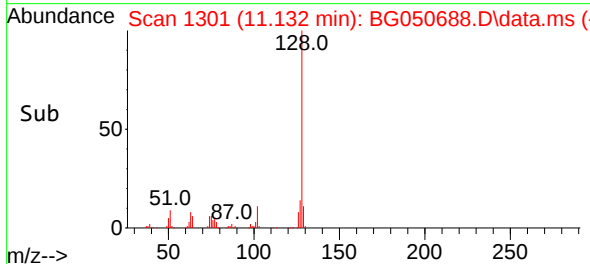
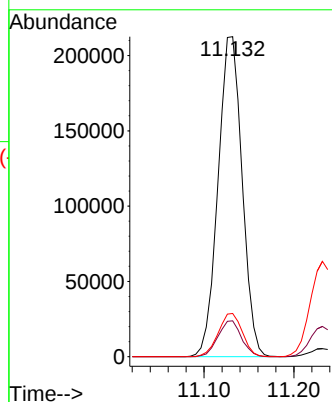
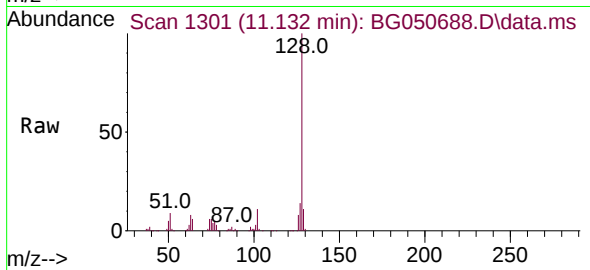




#31  
Naphthalene  
Concen: 39.540 ng  
RT: 11.132 min Scan# 1301  
Delta R.T. -0.005 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

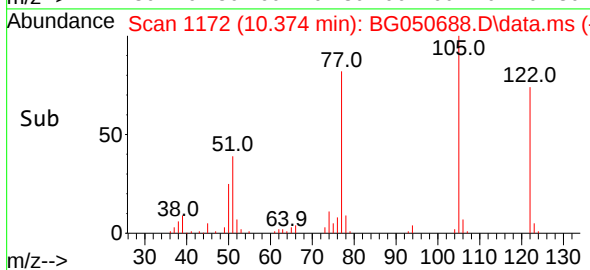
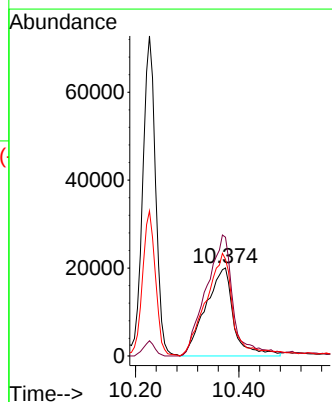
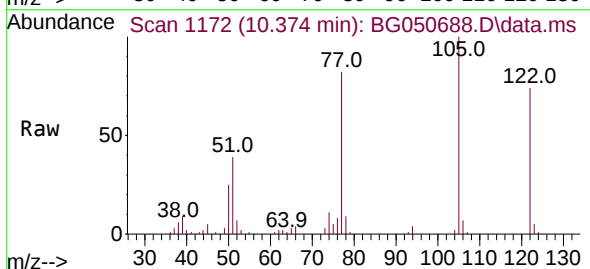
Instrument :  
BNA\_G  
ClientSampleId :  
PB140130BS

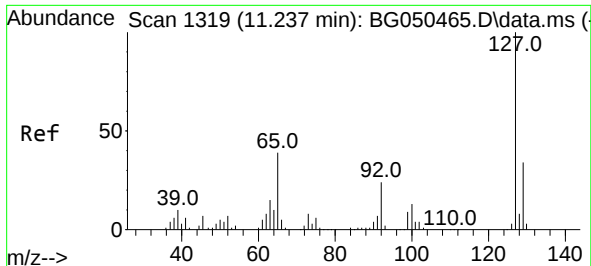
Tgt Ion:128 Resp: 395685  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.5 12.7  
127 13.5 10.2 15.4



#32  
Benzoic acid  
Concen: 35.543 ng  
RT: 10.374 min Scan# 1172  
Delta R.T. 0.018 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

Tgt Ion:122 Resp: 75150  
Ion Ratio Lower Upper  
122 100  
105 134.9 92.3 132.3#  
77 110.1 66.5 106.5#

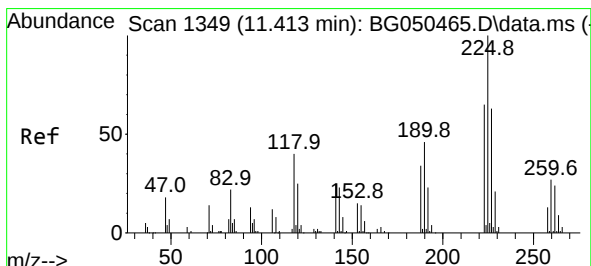
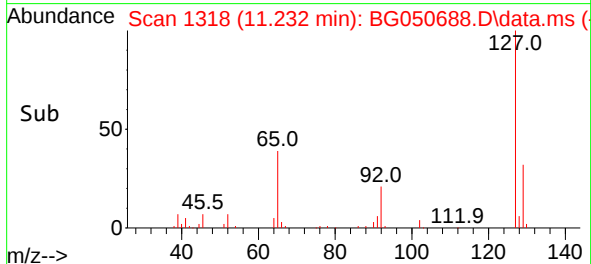
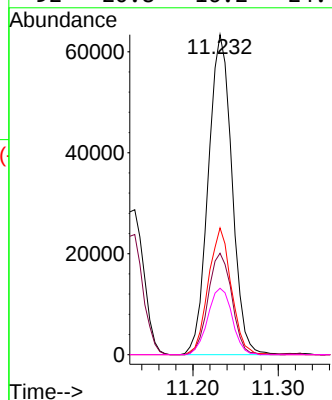
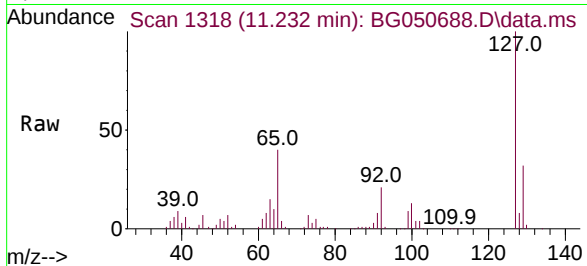




#33  
4-Chloroaniline  
Concen: 29.135 ng  
RT: 11.232 min Scan# 1318  
Delta R.T. -0.005 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

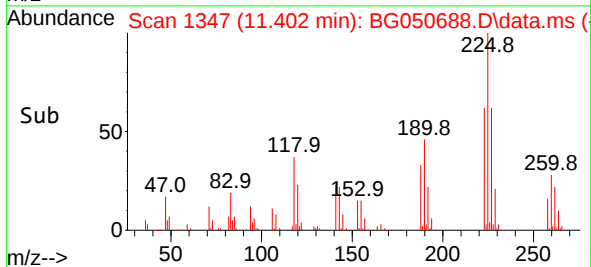
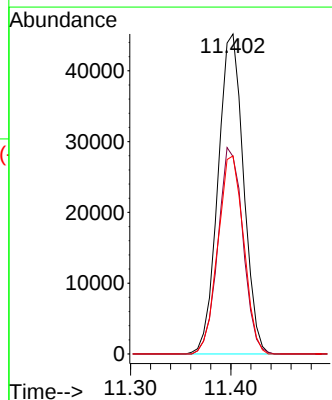
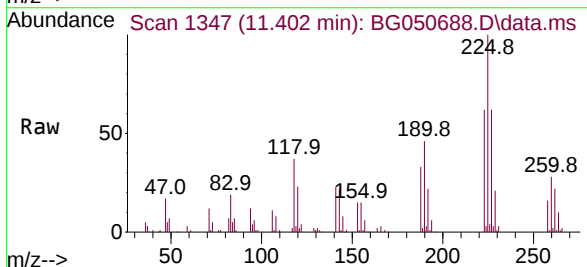
Instrument :  
BNA\_G  
ClientSampleId :  
PB140130BS

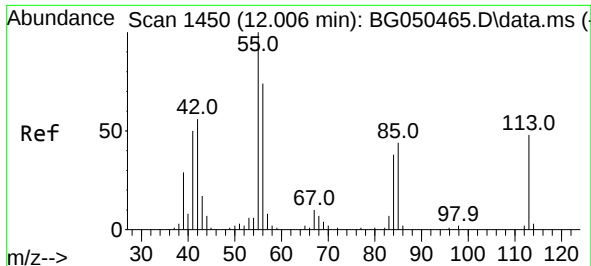
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 31.7  | 26.7  | 40.1  |
| 65      | 39.6  | 32.8  | 49.2  |
| 92      | 20.8  | 16.2  | 24.4  |



#34  
Hexachlorobutadiene  
Concen: 38.507 ng  
RT: 11.402 min Scan# 1347  
Delta R.T. -0.005 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.7  | 49.8  | 74.8  |
| 227     | 61.9  | 46.4  | 69.6  |

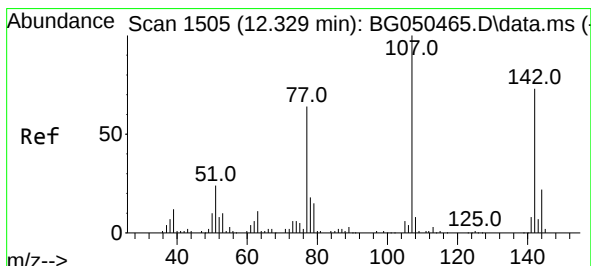
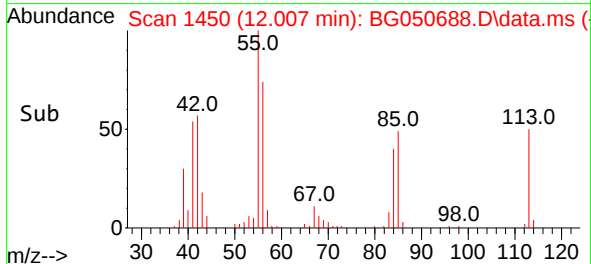
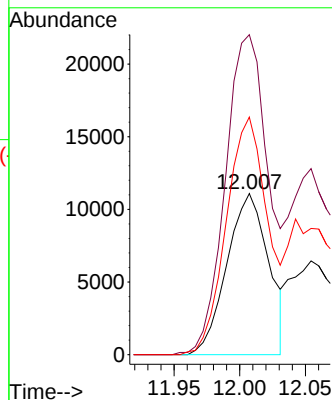
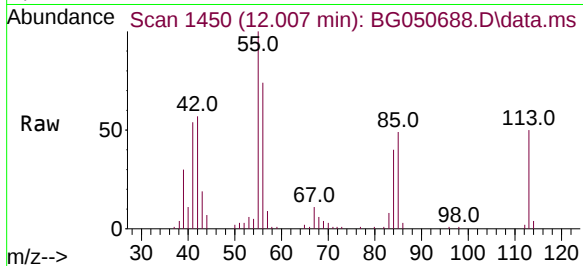




#35  
Caprolactam  
Concen: 22.076 ng  
RT: 12.007 min Scan# 1450  
Delta R.T. 0.000 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

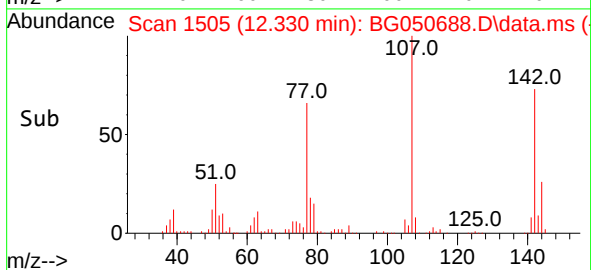
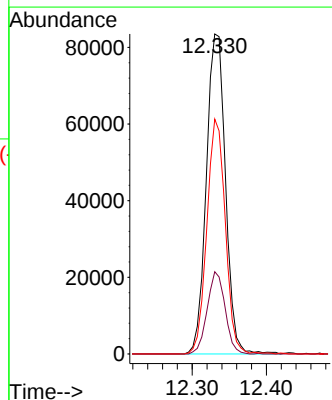
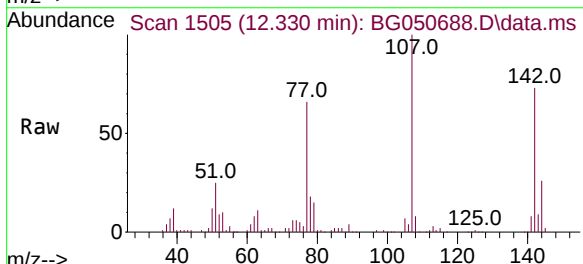
Instrument :  
BNA\_G  
ClientSampleId :  
PB140130BS

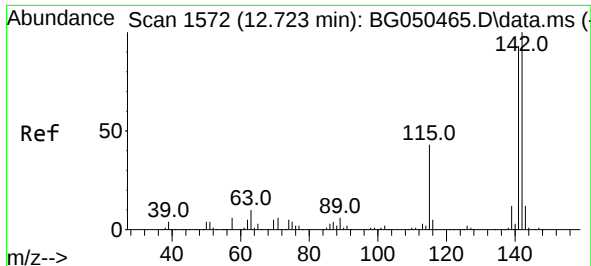
Tgt Ion:113 Resp: 24533  
Ion Ratio Lower Upper  
113 100  
55 198.5 113.8 153.8#  
56 147.4 105.6 145.6#



#36  
4-Chloro-3-methylphenol  
Concen: 41.360 ng  
RT: 12.330 min Scan# 1505  
Delta R.T. -0.005 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

Tgt Ion:107 Resp: 150109  
Ion Ratio Lower Upper  
107 100  
144 25.7 24.8 37.2  
142 73.4 62.2 93.4

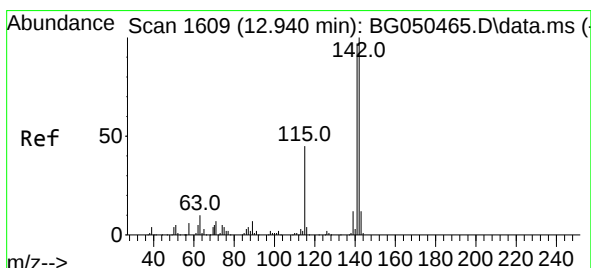
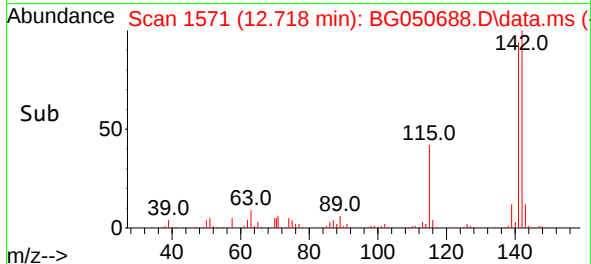
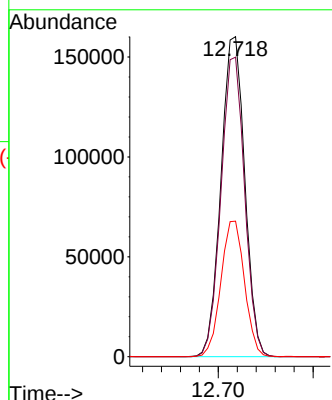
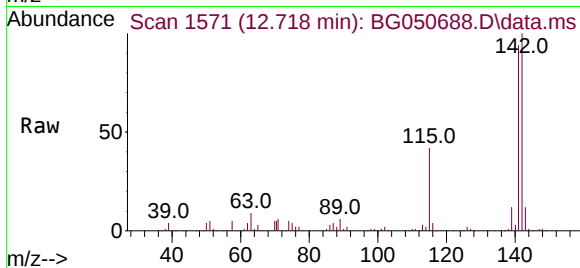




#37  
2-Methylnaphthalene  
Concen: 40.579 ng  
RT: 12.718 min Scan# 1571  
Delta R.T. 0.000 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

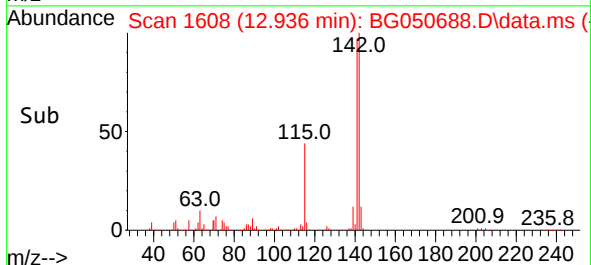
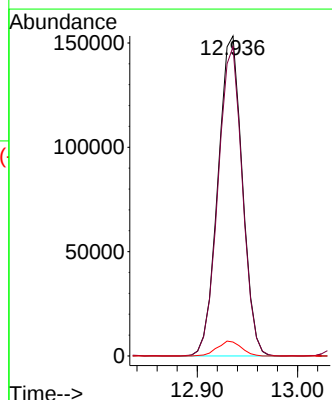
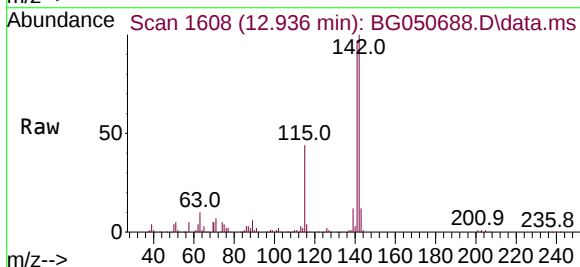
Instrument :  
BNA\_G  
ClientSampleId :  
PB140130BS

Tgt Ion:142 Resp: 280189  
Ion Ratio Lower Upper  
142 100  
141 93.6 68.8 103.2  
115 42.4 36.4 54.6



#38  
1-Methylnaphthalene  
Concen: 38.607 ng  
RT: 12.936 min Scan# 1608  
Delta R.T. -0.005 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

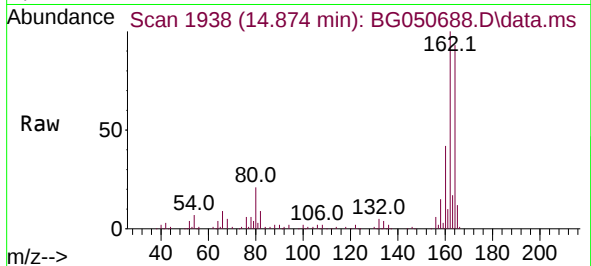
Tgt Ion:142 Resp: 258491  
Ion Ratio Lower Upper  
142 100  
141 96.6 70.6 106.0  
116 4.4 4.0 6.0



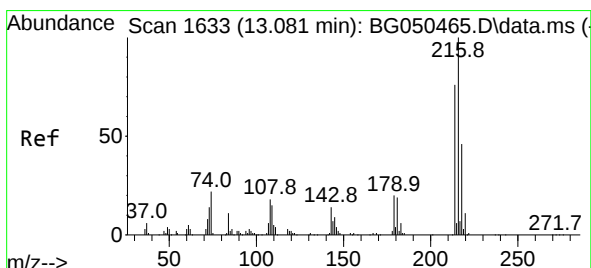
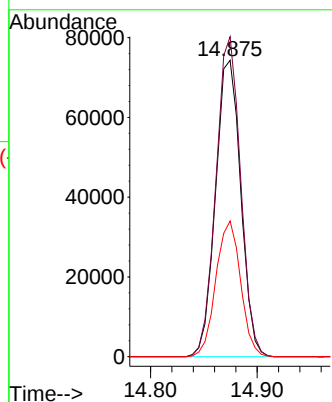
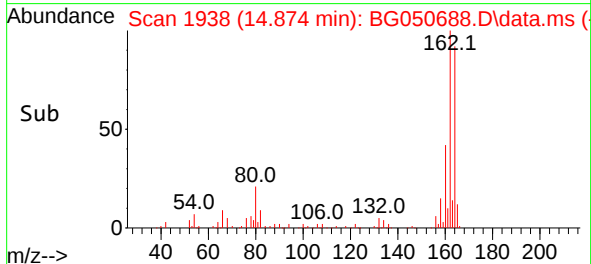


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.874 min Scan# 1938  
Delta R.T. 0.000 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

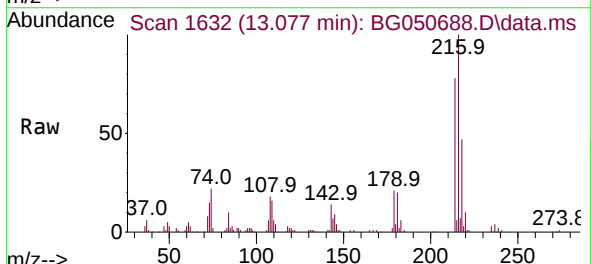
Instrument :  
BNA\_G  
ClientSampleId :  
PB140130BS



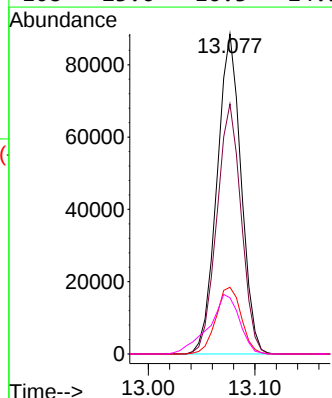
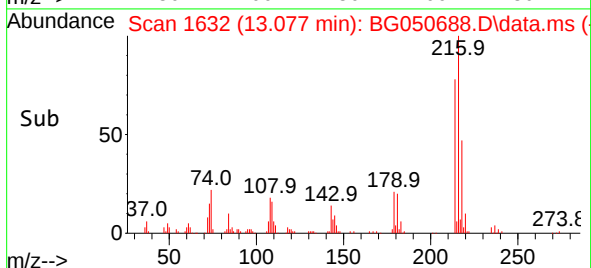
Tgt Ion:164 Resp: 121719  
Ion Ratio Lower Upper  
164 100  
162 108.0 81.4 122.0  
160 45.8 34.9 52.3

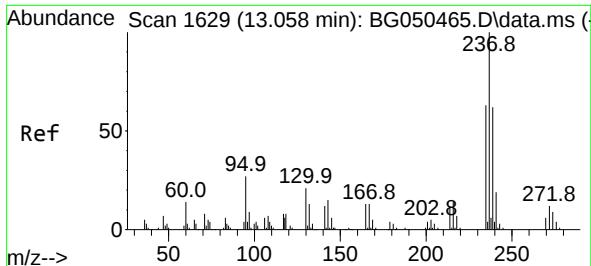


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 38.638 ng  
RT: 13.077 min Scan# 1632  
Delta R.T. -0.006 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53



Tgt Ion:216 Resp: 138881  
Ion Ratio Lower Upper  
216 100  
214 78.8 61.4 92.2  
179 21.9 17.3 25.9  
108 23.6 16.3 24.5

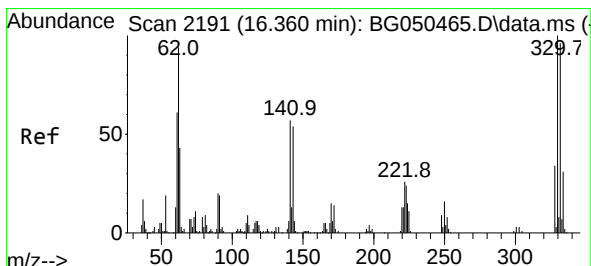
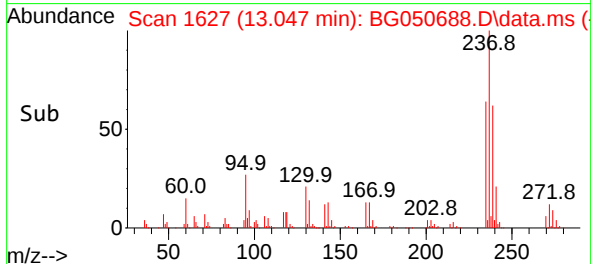
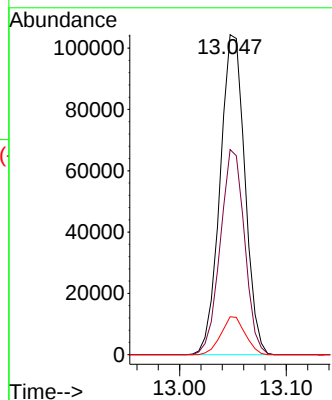
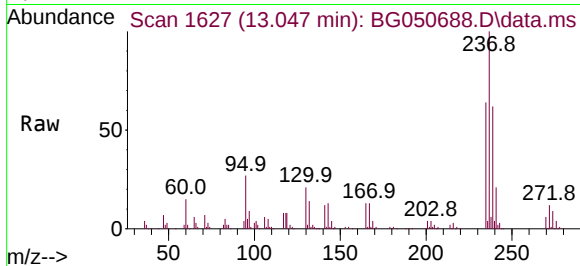




#41  
Hexachlorocyclopentadiene  
Concen: 81.044 ng  
RT: 13.047 min Scan# 1627  
Delta R.T. -0.005 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

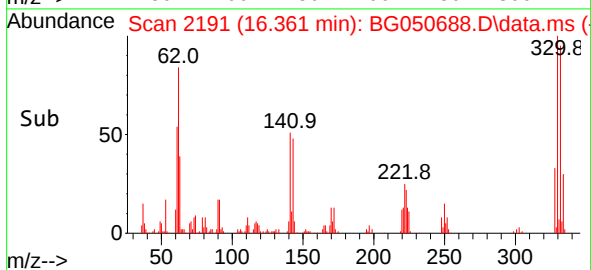
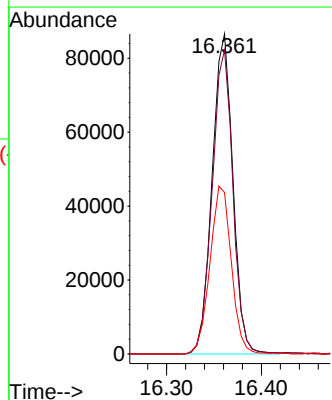
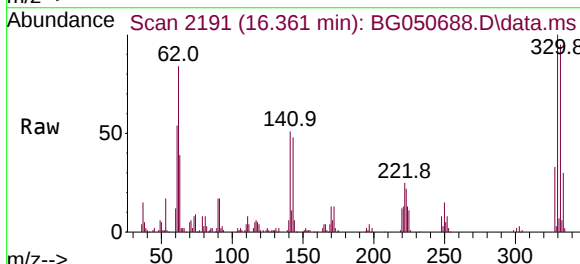
Instrument :  
BNA\_G  
ClientSampleId :  
PB140130BS

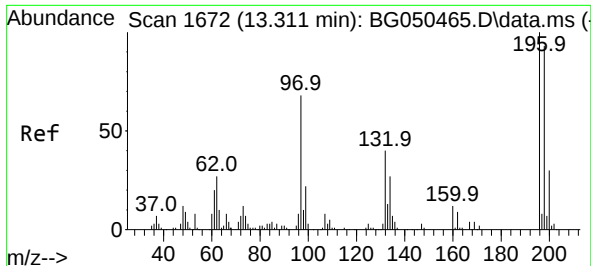
Tgt Ion:237 Resp: 168356  
Ion Ratio Lower Upper  
237 100  
235 64.1 36.6 76.6  
272 11.9 0.0 32.5



#42  
2,4,6-Tribromophenol  
Concen: 113.529 ng  
RT: 16.361 min Scan# 2191  
Delta R.T. 0.000 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

Tgt Ion:330 Resp: 131806  
Ion Ratio Lower Upper  
330 100  
332 95.0 77.3 115.9  
141 54.2 35.6 53.4#

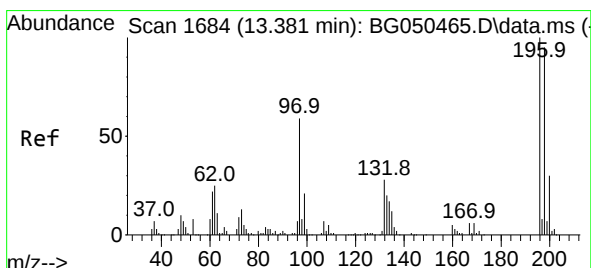
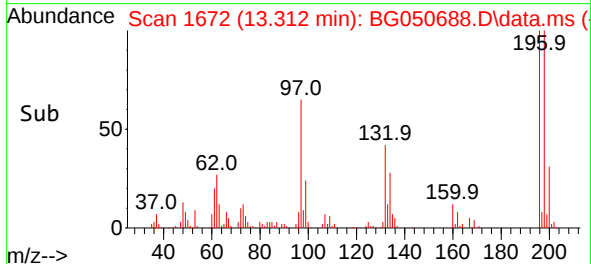
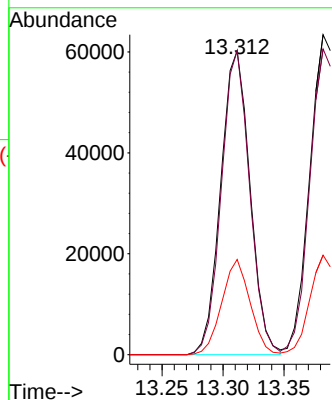
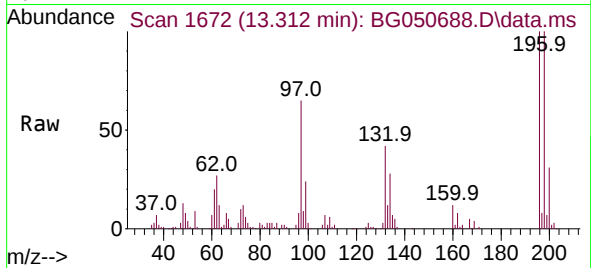




#43  
2,4,6-Trichlorophenol  
Concen: 39.830 ng  
RT: 13.312 min Scan# 1672  
Delta R.T. 0.000 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

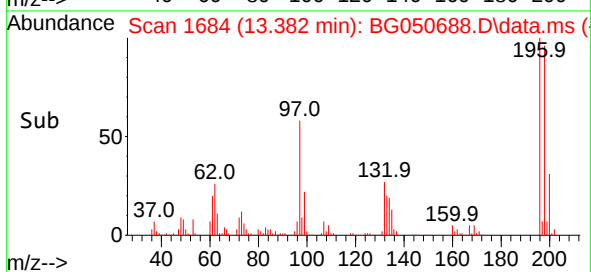
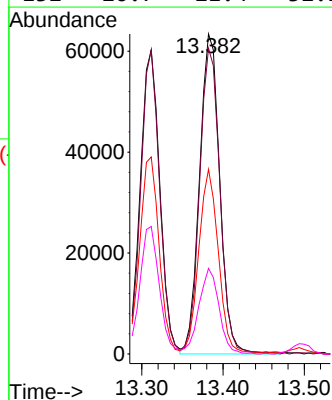
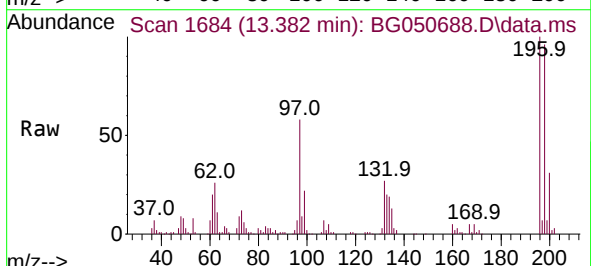
Instrument :  
BNA\_G  
ClientSampleId :  
PB140130BS

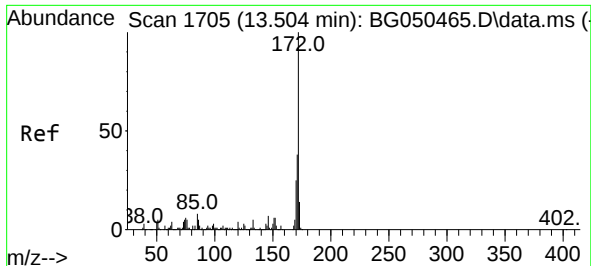
Tgt Ion:196 Resp: 100884  
Ion Ratio Lower Upper  
196 100  
198 100.1 82.1 123.1  
200 31.3 23.8 35.8



#44  
2,4,5-Trichlorophenol  
Concen: 41.539 ng  
RT: 13.382 min Scan# 1684  
Delta R.T. -0.005 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

Tgt Ion:196 Resp: 110000  
Ion Ratio Lower Upper  
196 100  
198 95.6 87.4 131.0  
97 57.7 43.3 64.9  
132 26.7 21.4 32.2

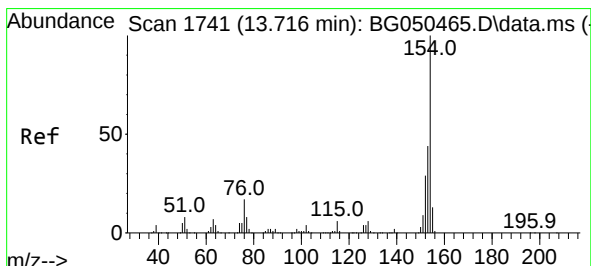
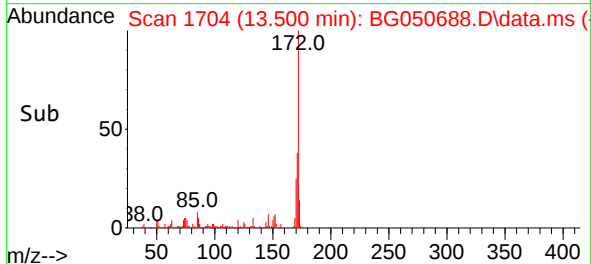
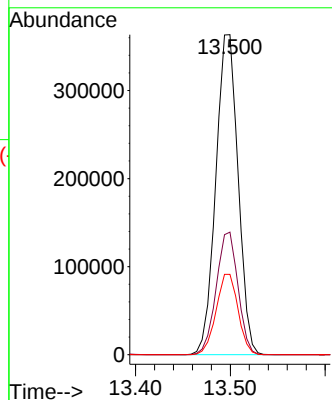
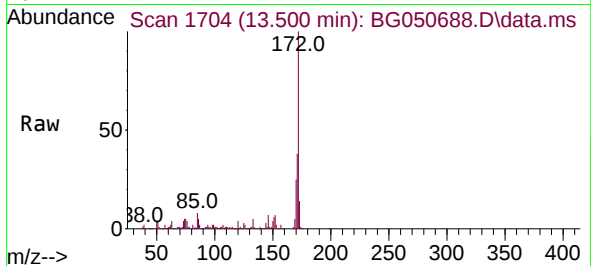




#45  
2-Fluorobiphenyl  
Concen: 73.433 ng  
RT: 13.500 min Scan# 1704  
Delta R.T. -0.005 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

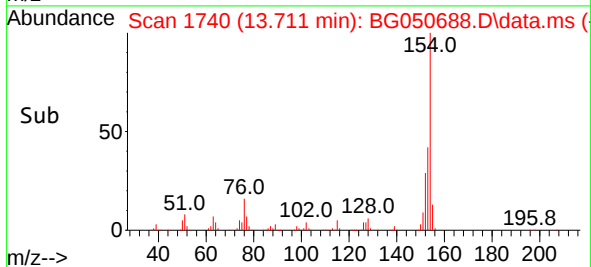
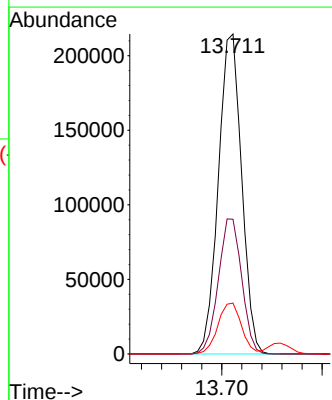
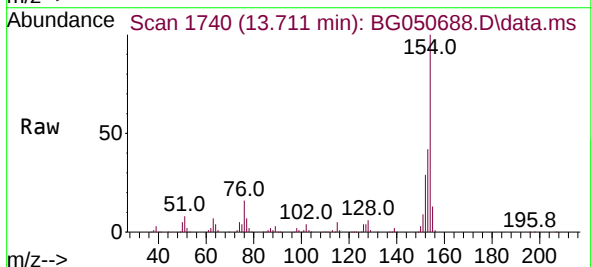
Instrument :  
BNA\_G  
ClientSampleId :  
PB140130BS

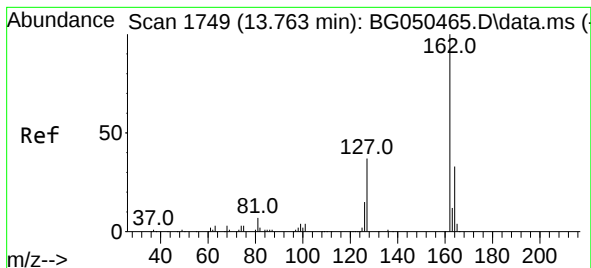
Tgt Ion:172 Resp: 593888  
Ion Ratio Lower Upper  
172 100  
171 38.3 28.6 43.0  
170 25.1 18.6 27.8



#46  
1,1'-Biphenyl  
Concen: 38.805 ng  
RT: 13.711 min Scan# 1740  
Delta R.T. 0.000 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

Tgt Ion:154 Resp: 344516  
Ion Ratio Lower Upper  
154 100  
153 42.1 20.5 60.5  
76 15.9 0.0 29.3

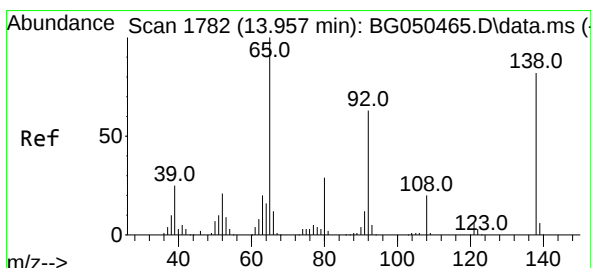
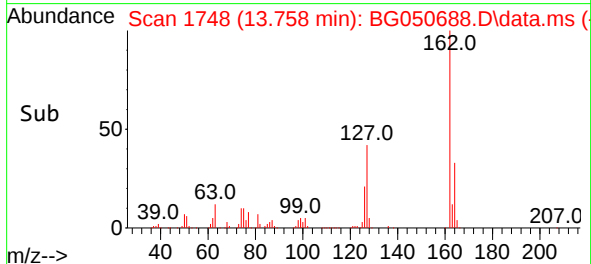
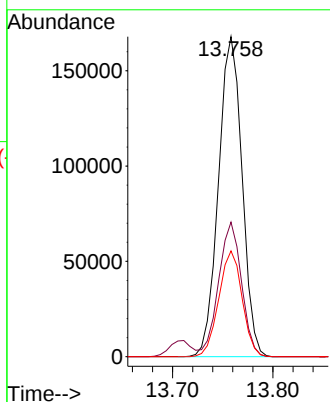
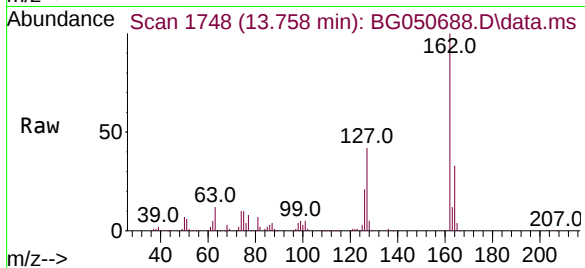




#47  
2-Chloronaphthalene  
Concen: 40.156 ng  
RT: 13.758 min Scan# 1748  
Delta R.T. -0.006 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

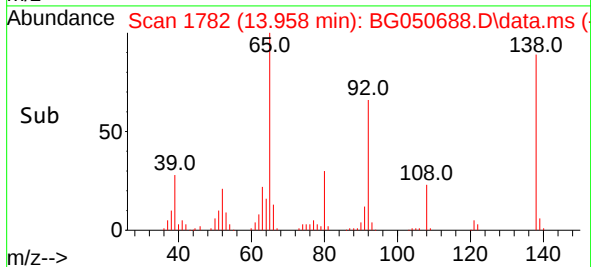
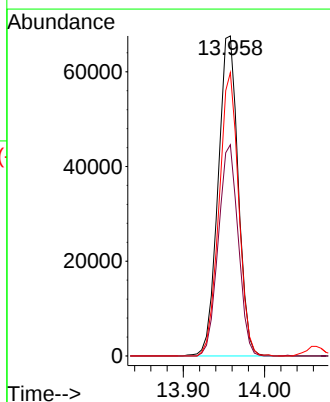
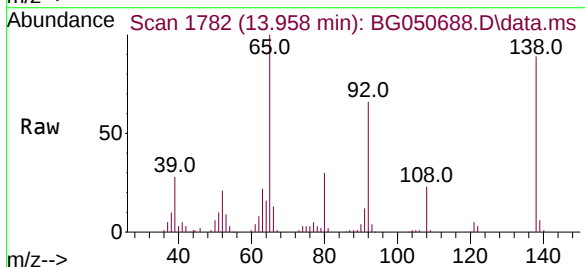
Instrument :  
BNA\_G  
ClientSampleId :  
PB140130BS

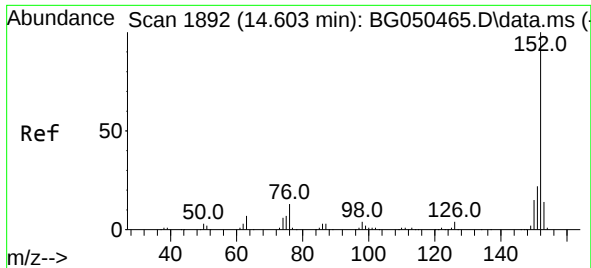
Tgt Ion:162 Resp: 273752  
Ion Ratio Lower Upper  
162 100  
127 42.1 32.7 49.1  
164 33.0 27.0 40.4



#48  
2-Nitroaniline  
Concen: 42.888 ng  
RT: 13.958 min Scan# 1782  
Delta R.T. 0.000 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

Tgt Ion: 65 Resp: 116307  
Ion Ratio Lower Upper  
65 100  
92 66.0 47.2 70.8  
138 88.5 68.0 102.0

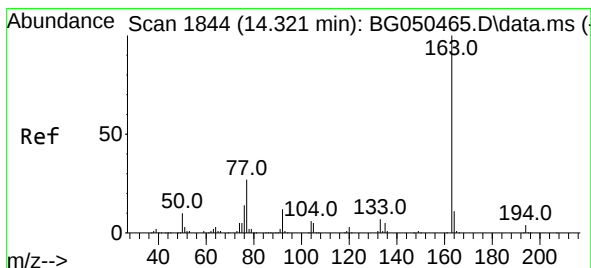
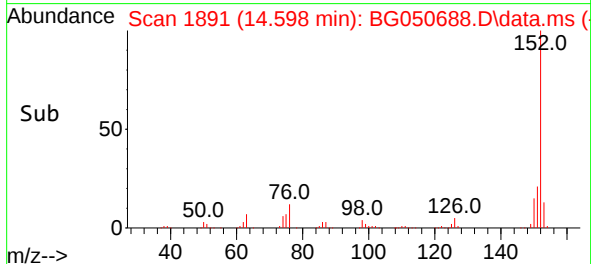
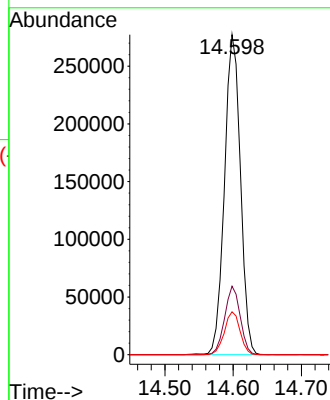
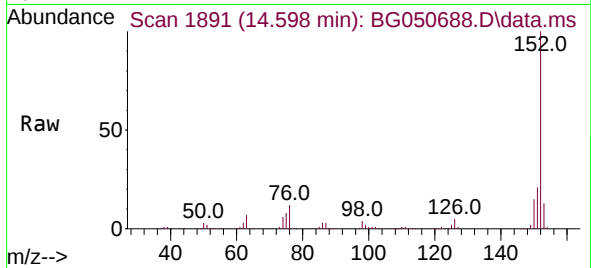




#49  
Acenaphthylene  
Concen: 40.325 ng  
RT: 14.598 min Scan# 1891  
Delta R.T. -0.005 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

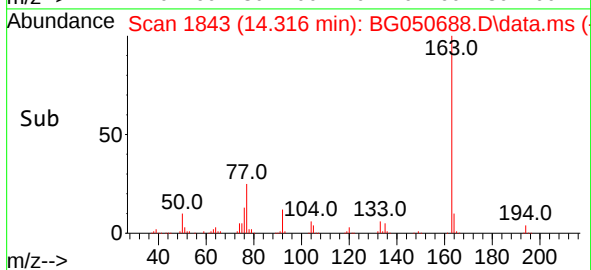
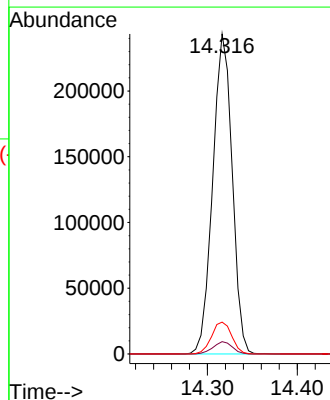
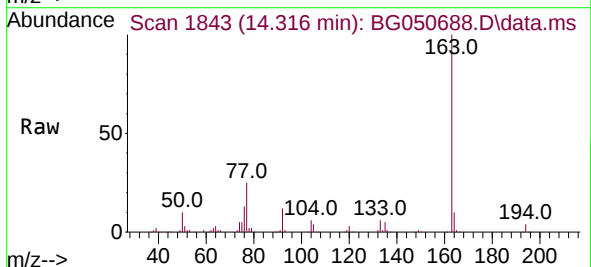
Instrument :  
BNA\_G  
ClientSampleId :  
PB140130BS

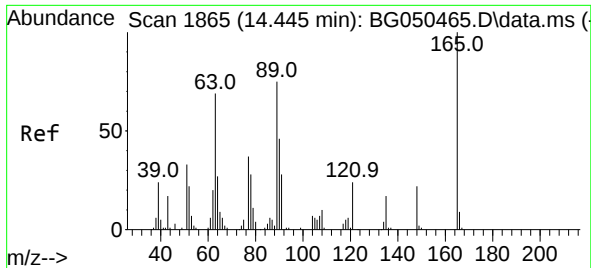
Tgt Ion:152 Resp: 450432  
Ion Ratio Lower Upper  
152 100  
151 21.4 18.2 27.4  
153 13.4 11.7 17.5



#50  
Dimethylphthalate  
Concen: 39.775 ng  
RT: 14.316 min Scan# 1843  
Delta R.T. -0.006 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

Tgt Ion:163 Resp: 365937  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.0 4.6  
164 9.9 8.6 12.8

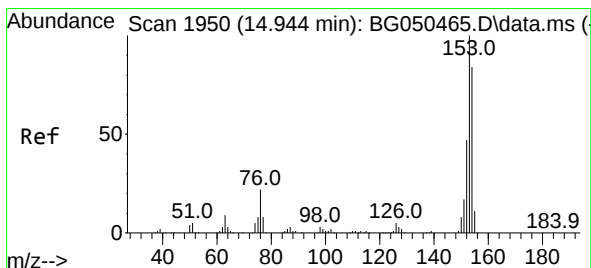
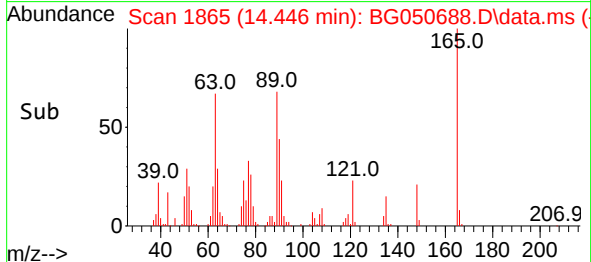
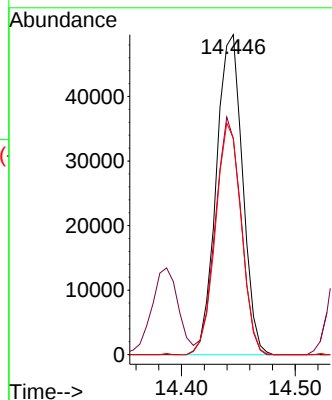
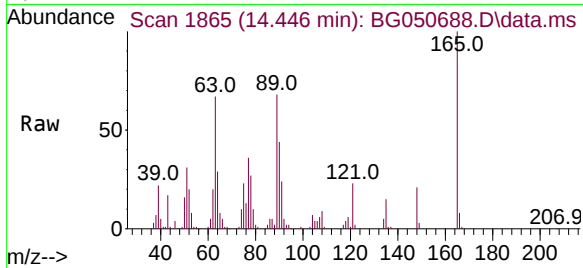




#51  
2,6-Dinitrotoluene  
Concen: 43.208 ng  
RT: 14.446 min Scan# 1865  
Delta R.T. 0.000 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

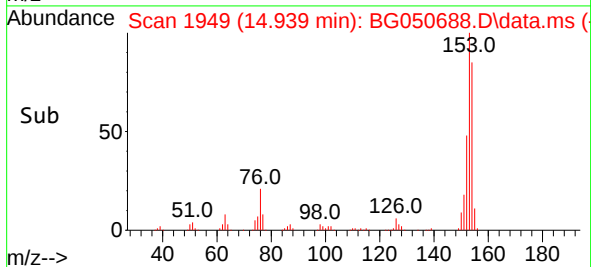
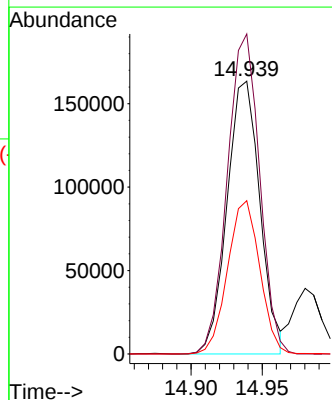
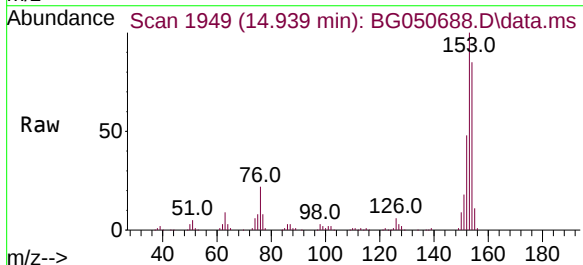
Instrument :  
BNA\_G  
ClientSampleId :  
PB140130BS

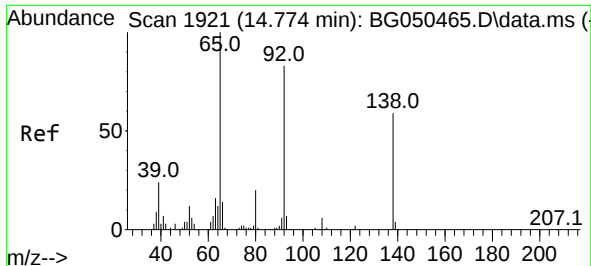
Tgt Ion:165 Resp: 79622  
Ion Ratio Lower Upper  
165 100  
63 67.5 63.3 94.9  
89 67.6 63.4 95.0



#52  
Acenaphthene  
Concen: 36.733 ng  
RT: 14.939 min Scan# 1949  
Delta R.T. -0.005 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

Tgt Ion:154 Resp: 263666  
Ion Ratio Lower Upper  
154 100  
153 117.3 87.0 130.4  
152 56.2 40.1 60.1

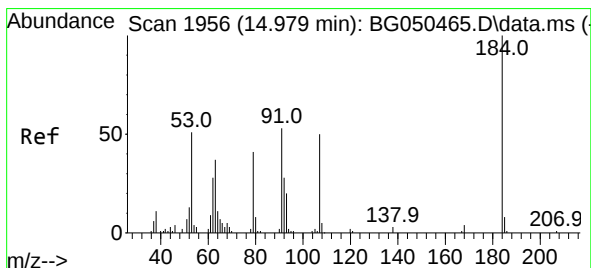
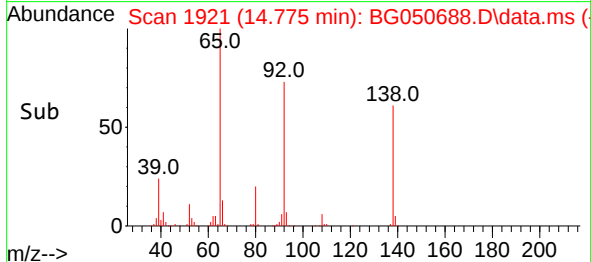
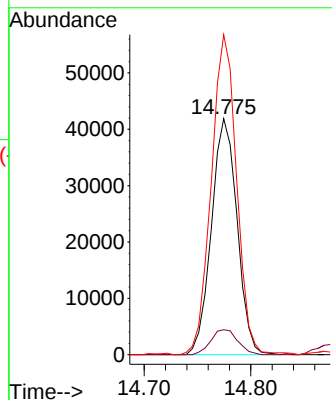
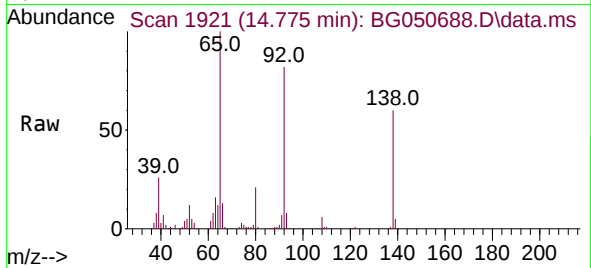




#53  
3-Nitroaniline  
Concen: 32.032 ng  
RT: 14.775 min Scan# 1921  
Delta R.T. -0.005 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

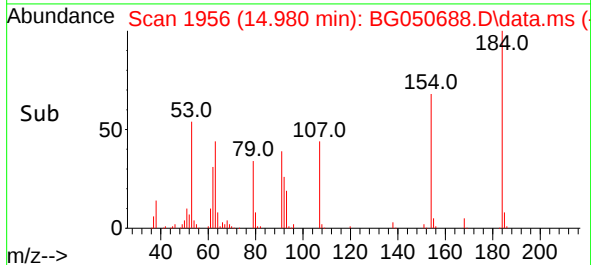
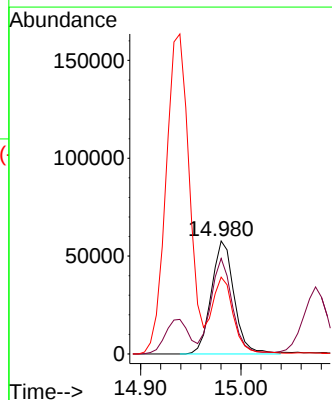
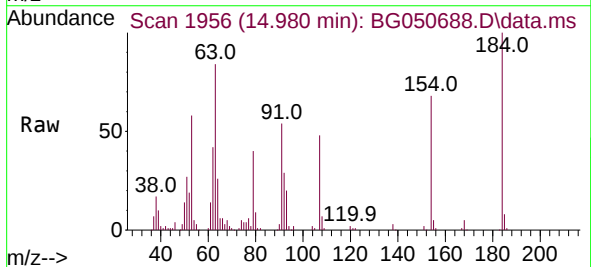
Instrument :  
BNA\_G  
ClientSampleId :  
PB140130BS

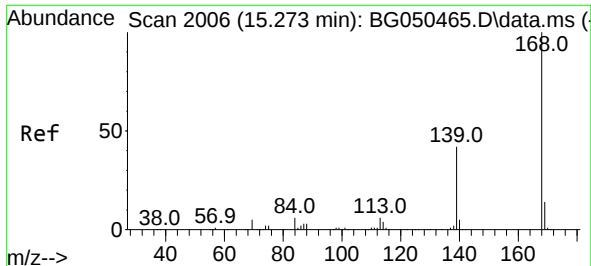
Tgt Ion:138 Resp: 69821  
Ion Ratio Lower Upper  
138 100  
108 10.6 8.3 12.5  
92 135.6 96.4 144.6



#54  
2,4-Dinitrophenol  
Concen: 79.531 ng  
RT: 14.980 min Scan# 1956  
Delta R.T. 0.000 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

Tgt Ion:184 Resp: 90920  
Ion Ratio Lower Upper  
184 100  
63 84.5 68.3 102.5  
154 68.0 62.6 93.8

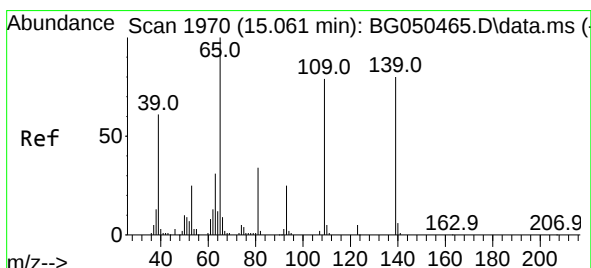
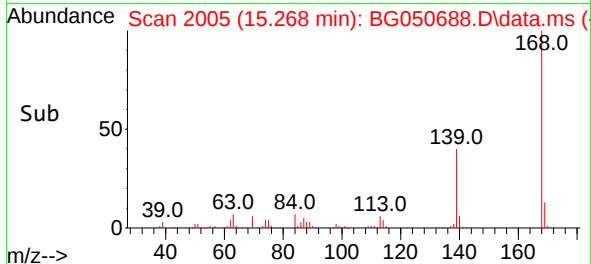
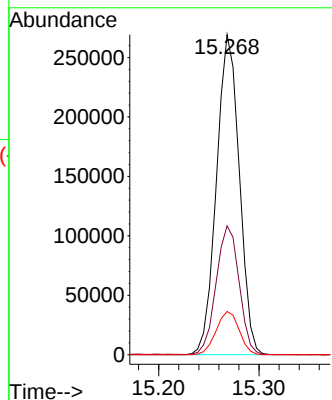
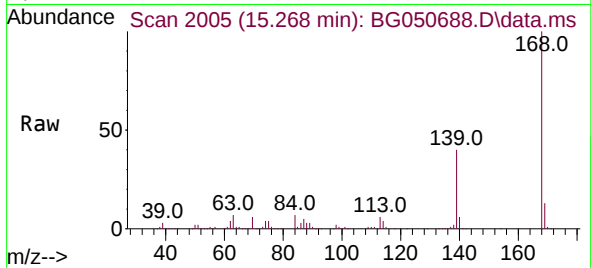




#55  
Dibenzofuran  
Concen: 38.272 ng  
RT: 15.268 min Scan# 2005  
Delta R.T. -0.005 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

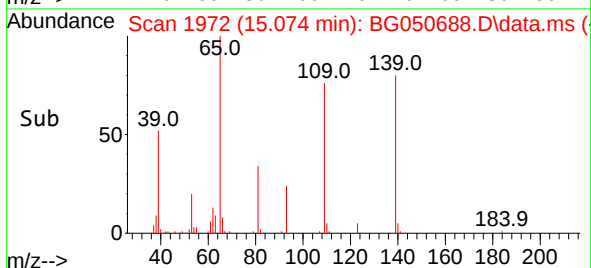
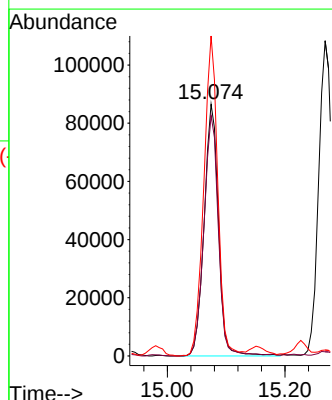
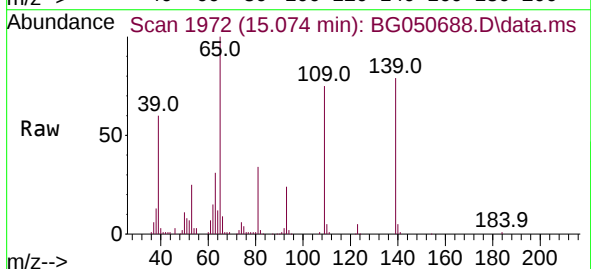
Instrument :  
BNA\_G  
ClientSampleId :  
PB140130BS

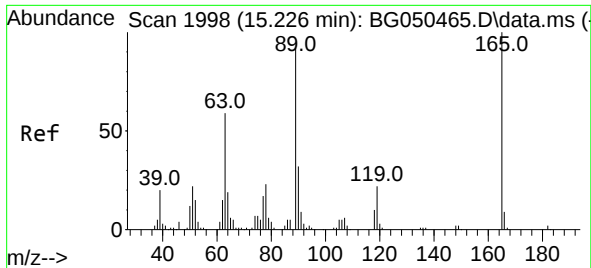
Tgt Ion:168 Resp: 424872  
Ion Ratio Lower Upper  
168 100  
139 40.2 33.4 50.2  
169 13.5 12.3 18.5



#56  
4-Nitrophenol  
Concen: 83.659 ng  
RT: 15.074 min Scan# 1972  
Delta R.T. 0.006 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

Tgt Ion:139 Resp: 146687  
Ion Ratio Lower Upper  
139 100  
109 95.6 116.3 156.3#  
65 127.2 105.0 145.0

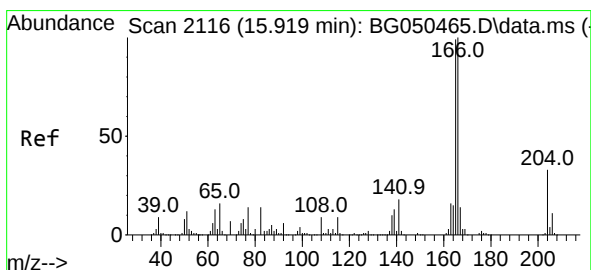
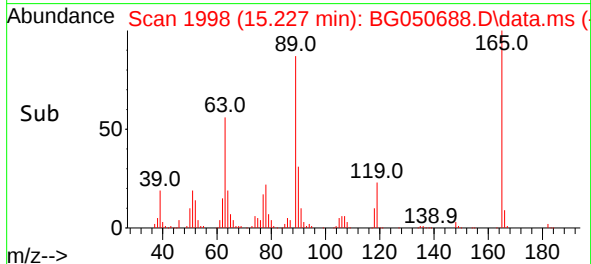
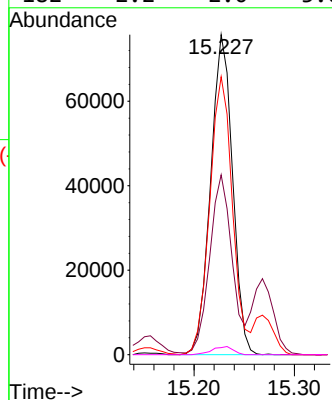
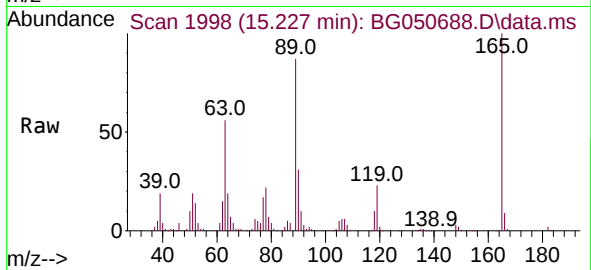




#57  
2,4-Dinitrotoluene  
Concen: 44.294 ng  
RT: 15.227 min Scan# 1998  
Delta R.T. 0.000 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

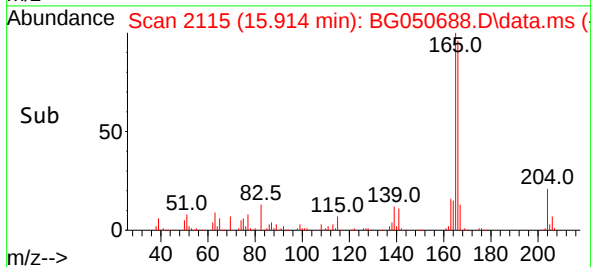
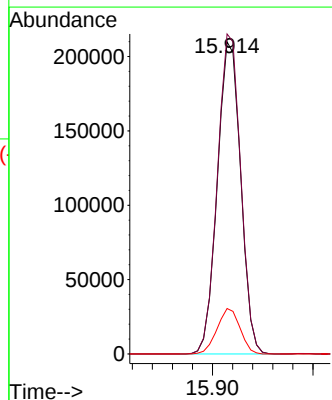
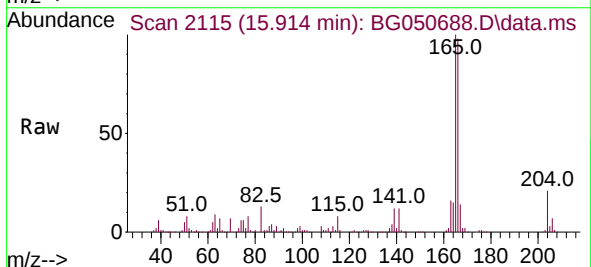
Instrument :  
BNA\_G  
ClientSampleId :  
PB140130BS

Tgt Ion:165 Resp: 115050  
Ion Ratio Lower Upper  
165 100  
63 56.2 48.0 72.0  
89 86.8 65.4 98.0  
182 2.2 2.0 3.0



#58  
Fluorene  
Concen: 39.676 ng  
RT: 15.914 min Scan# 2115  
Delta R.T. -0.005 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

Tgt Ion:166 Resp: 338316  
Ion Ratio Lower Upper  
166 100  
165 102.5 77.7 116.5  
167 14.5 10.8 16.2

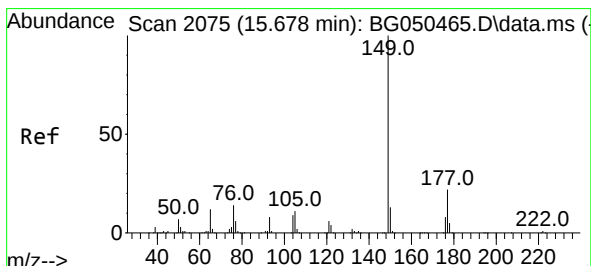
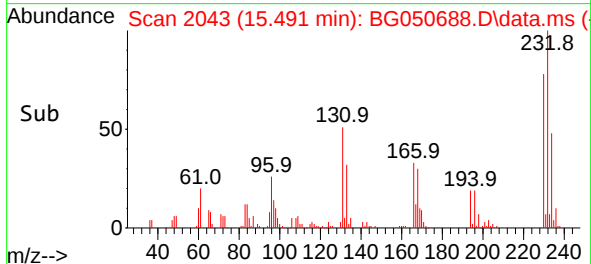
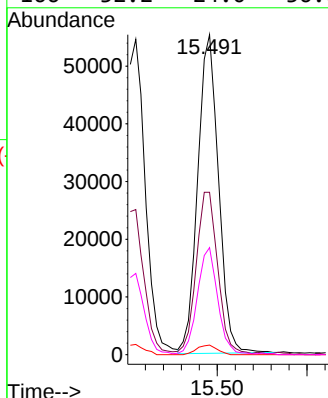
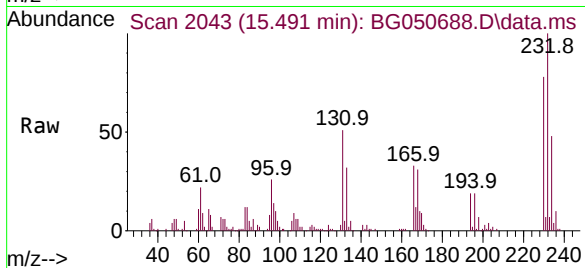




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 38.496 ng  
RT: 15.491 min Scan# 2043  
Delta R.T. 0.000 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

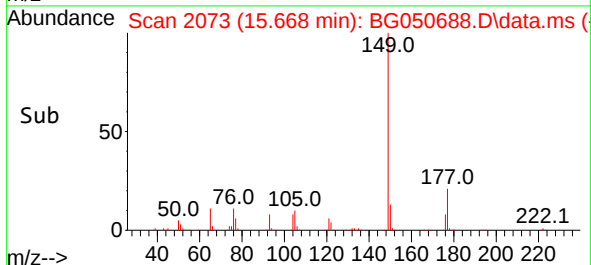
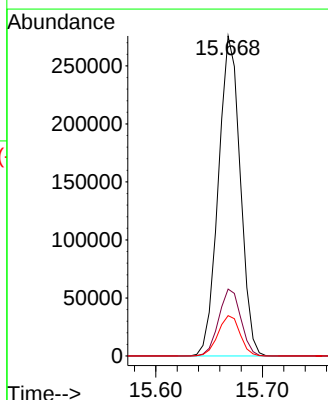
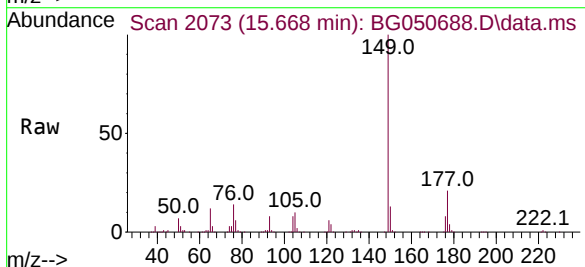
Instrument :  
BNA\_G  
ClientSampleId :  
PB140130BS

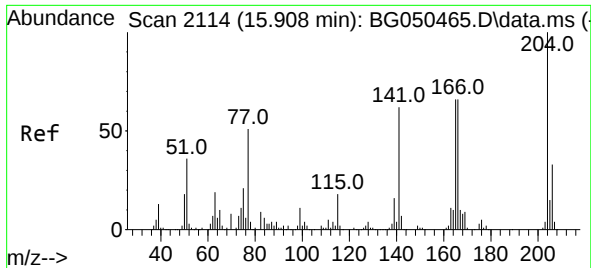
Tgt Ion:232 Resp: 88801  
Ion Ratio Lower Upper  
232 100  
131 52.3 37.2 55.8  
130 3.0 2.8 4.2  
166 32.2 24.0 36.0



#60  
Diethylphthalate  
Concen: 40.562 ng  
RT: 15.668 min Scan# 2073  
Delta R.T. -0.006 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

Tgt Ion:149 Resp: 392100  
Ion Ratio Lower Upper  
149 100  
177 20.9 19.0 28.6  
150 12.6 10.2 15.4

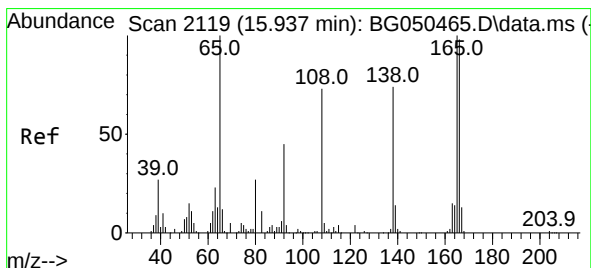
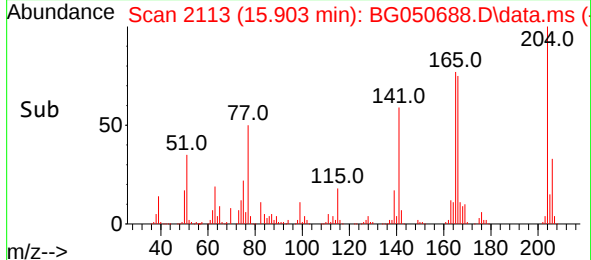
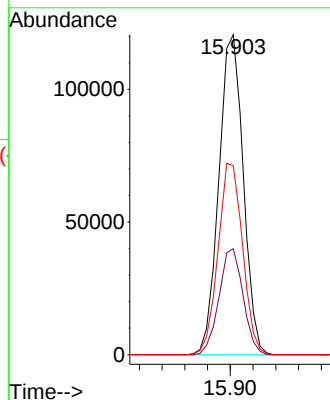
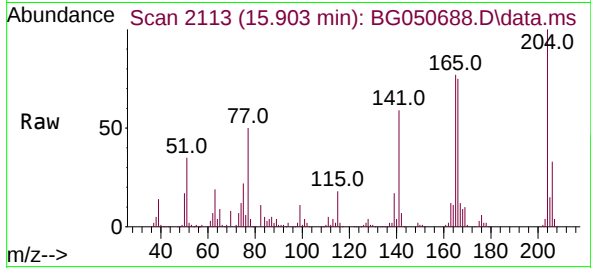




#61  
4-Chlorophenyl-phenylether  
Concen: 38.558 ng  
RT: 15.903 min Scan# 2113  
Delta R.T. -0.006 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

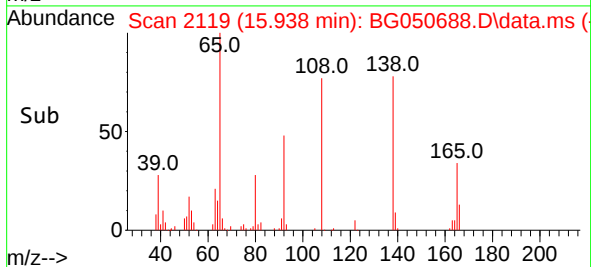
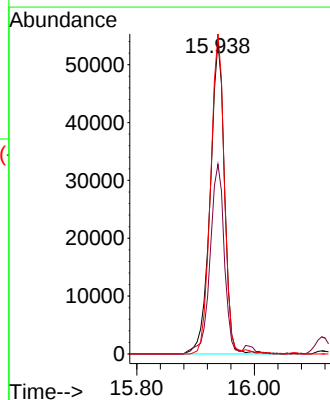
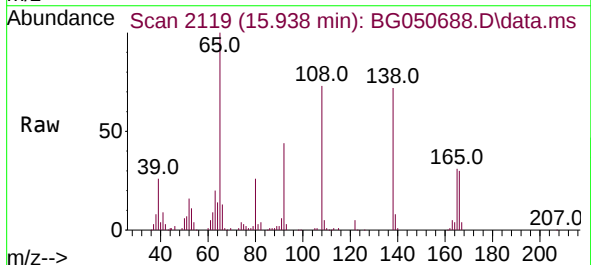
Instrument :  
BNA\_G  
ClientSampled :  
PB140130BS

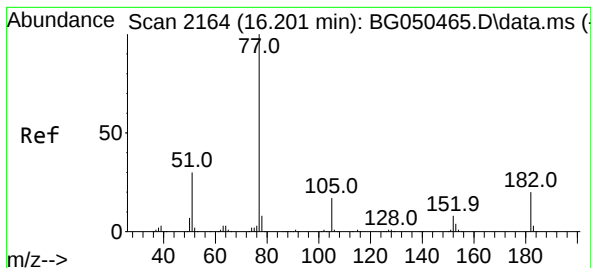
Tgt Ion:204 Resp: 179896  
Ion Ratio Lower Upper  
204 100  
206 33.1 24.6 37.0  
141 59.0 47.8 71.8



#62  
4-Nitroaniline  
Concen: 40.147 ng  
RT: 15.938 min Scan# 2119  
Delta R.T. 0.000 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

Tgt Ion:138 Resp: 91047  
Ion Ratio Lower Upper  
138 100  
92 60.8 32.3 72.3  
108 102.6 132.4 172.4#





#63

Azobenzene

Concen: 38.792 ng

RT: 16.196 min Scan# 2163

Delta R.T. 0.000 min

Lab File: BG050688.D

Acq: 22 Oct 2021 13:53

Tgt Ion: 77 Resp: 434085

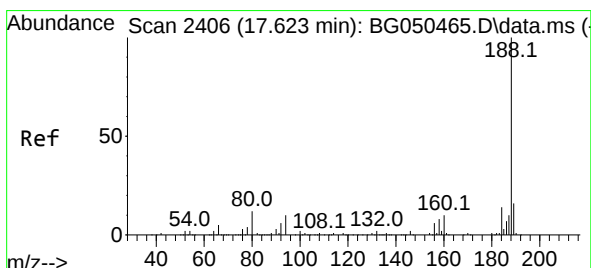
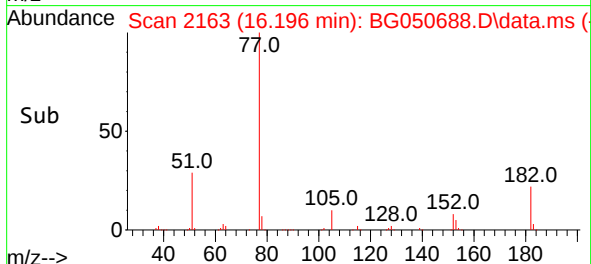
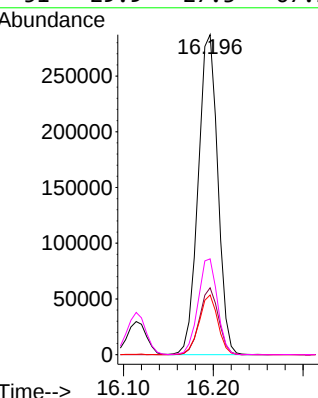
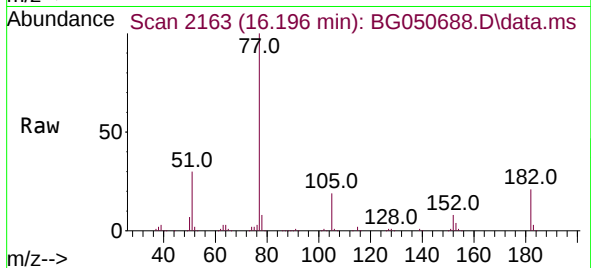
Ion Ratio Lower Upper

77 100

182 20.9 7.9 47.9

105 18.7 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: BG050688.D

Acq: 22 Oct 2021 13:53

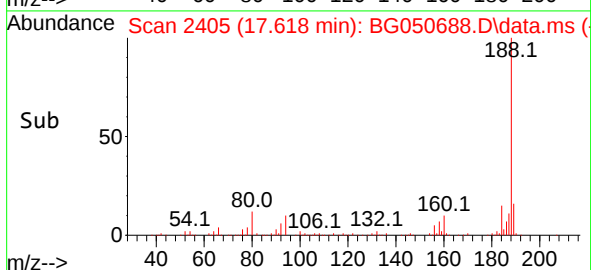
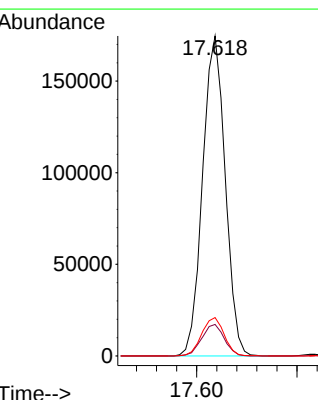
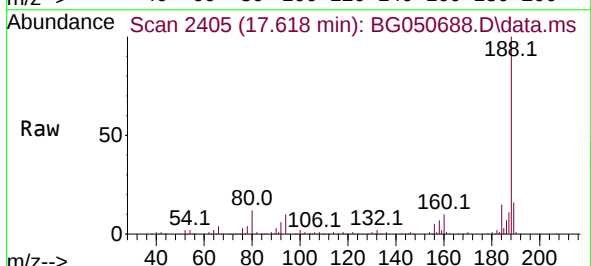
Tgt Ion: 188 Resp: 273199

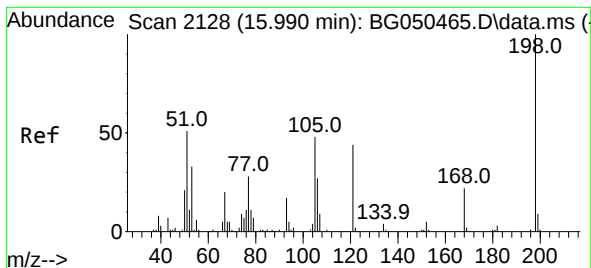
Ion Ratio Lower Upper

188 100

94 9.9 5.4 8.0#

80 12.0 3.7 5.5#

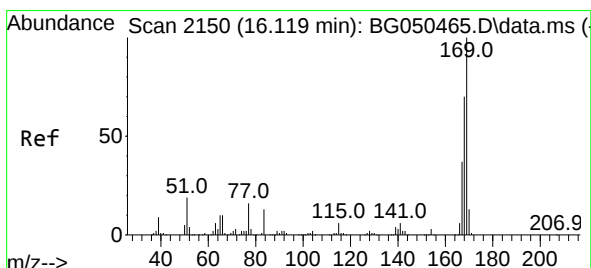
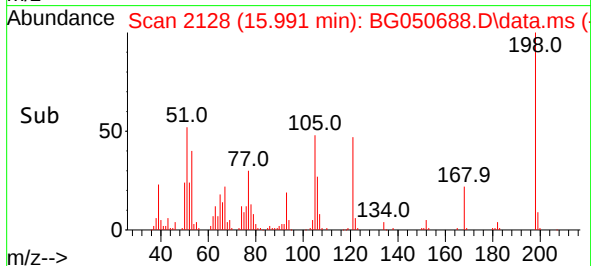
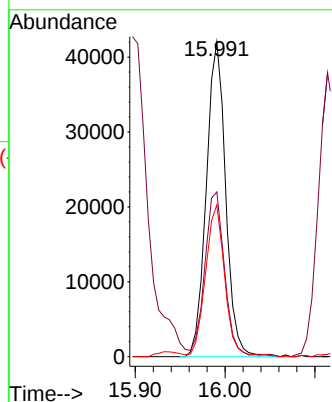
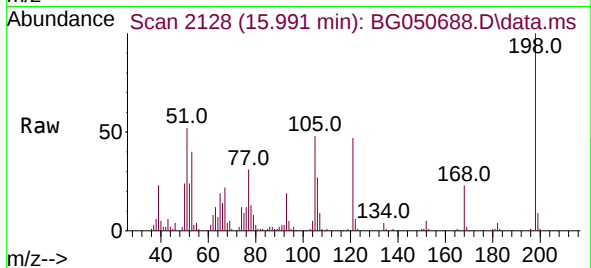




#65  
4,6-Dinitro-2-methylphenol  
Concen: 38.312 ng  
RT: 15.991 min Scan# 2128  
Delta R.T. 0.000 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

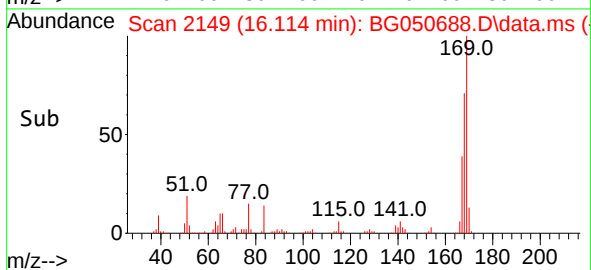
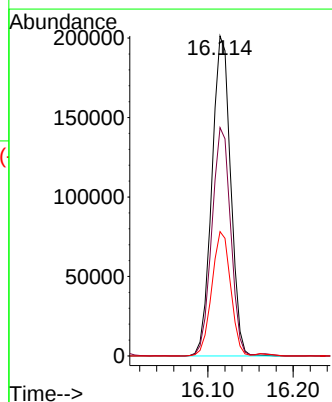
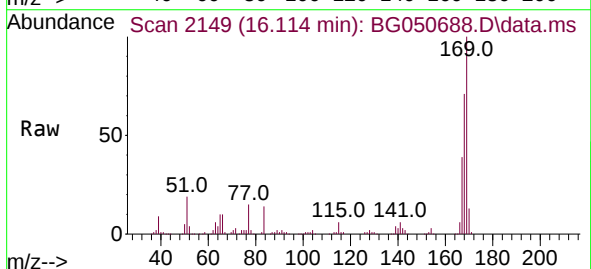
Instrument :  
BNA\_G  
ClientSampleId :  
PB140130BS

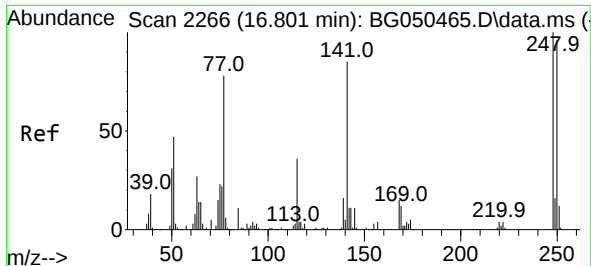
Tgt Ion:198 Resp: 62868  
Ion Ratio Lower Upper  
198 100  
51 52.3 29.4 69.4  
105 48.2 15.1 55.1



#66  
n-Nitrosodiphenylamine  
Concen: 39.694 ng  
RT: 16.114 min Scan# 2149  
Delta R.T. -0.005 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

Tgt Ion:169 Resp: 308131  
Ion Ratio Lower Upper  
169 100  
168 71.4 56.3 84.5  
167 38.8 28.4 42.6

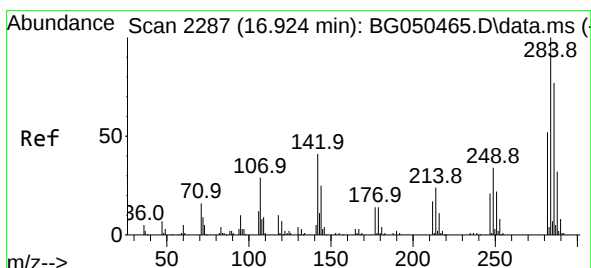
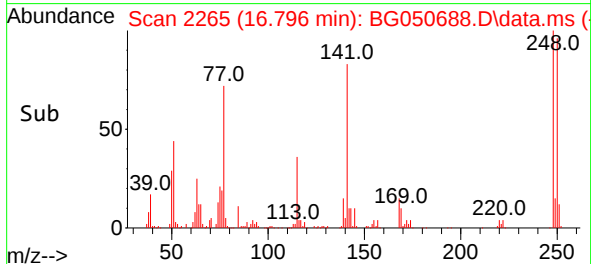
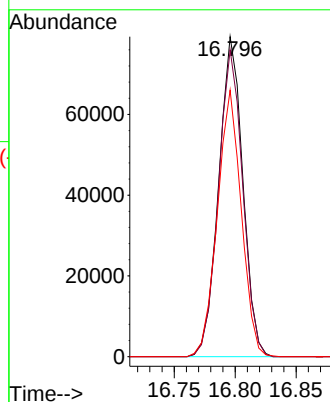
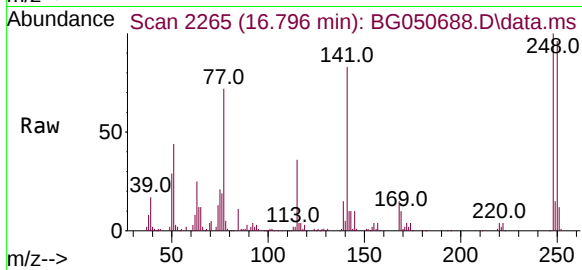




#67  
4-Bromophenyl-phenylether  
Concen: 39.650 ng  
RT: 16.796 min Scan# 2265  
Delta R.T. -0.005 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

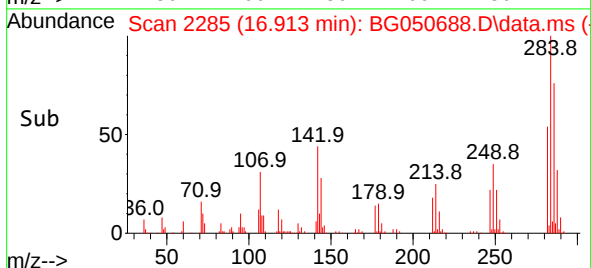
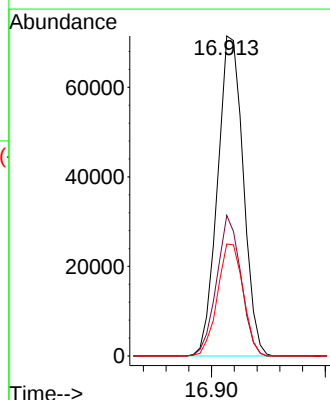
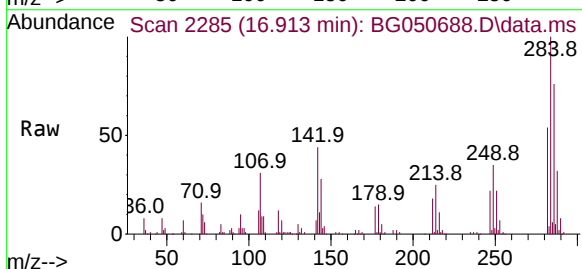
Instrument :  
BNA\_G  
ClientSampleId :  
PB140130BS

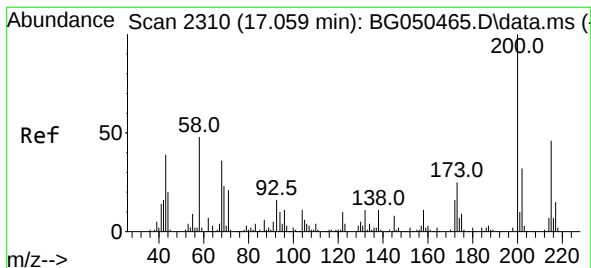
Tgt Ion:248 Resp: 109155  
Ion Ratio Lower Upper  
248 100  
250 95.9 76.1 114.1  
141 83.3 65.4 98.2



#68  
Hexachlorobenzene  
Concen: 40.997 ng  
RT: 16.913 min Scan# 2285  
Delta R.T. -0.006 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

Tgt Ion:284 Resp: 112174  
Ion Ratio Lower Upper  
284 100  
142 43.9 27.0 40.6#  
249 35.0 28.2 42.2





#69

Atrazine

Concen: 42.024 ng

RT: 17.054 min Scan# 2309

Delta R.T. -0.005 min

Lab File: BG050688.D

Acq: 22 Oct 2021 13:53

Tgt Ion:200 Resp: 128507

Ion Ratio Lower Upper

200 100

173 25.2 3.7 43.7

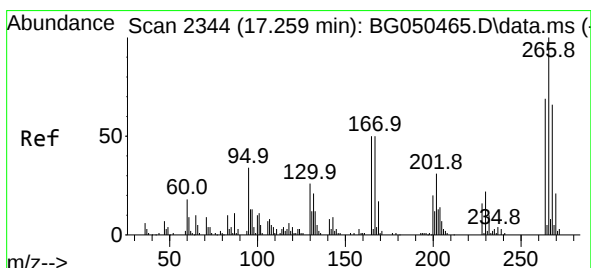
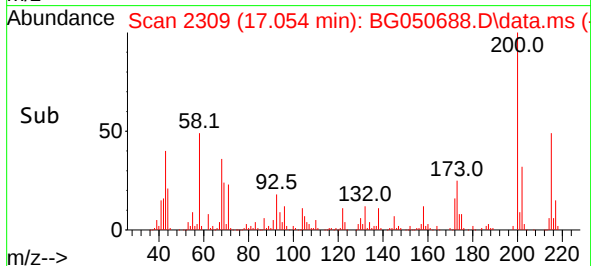
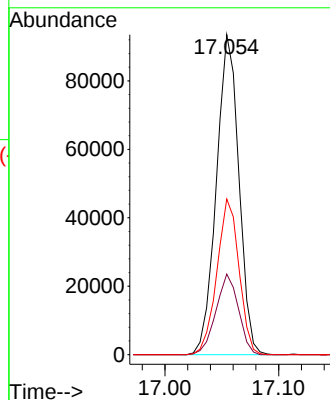
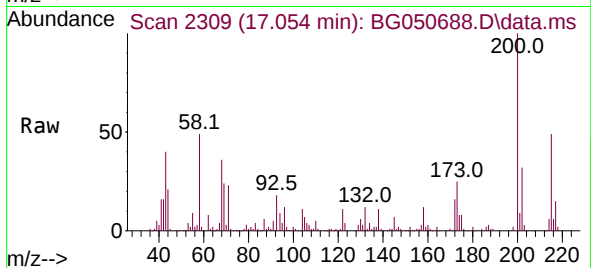
215 48.7 26.9 66.9

Instrument :

BNA\_G

ClientSampleId :

PB140130BS



#70

Pentachlorophenol

Concen: 72.991 ng

RT: 17.260 min Scan# 2344

Delta R.T. -0.006 min

Lab File: BG050688.D

Acq: 22 Oct 2021 13:53

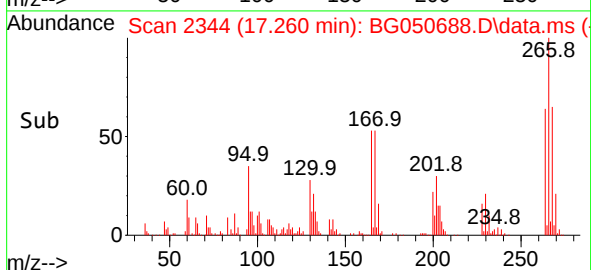
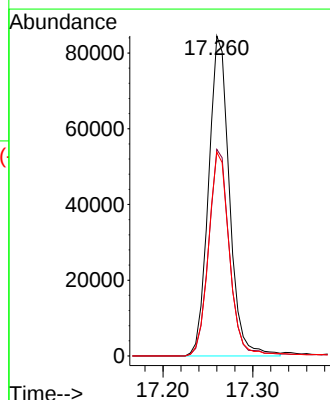
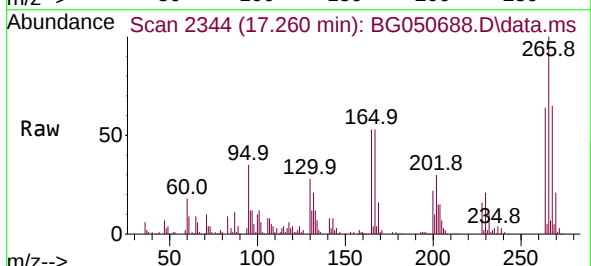
Tgt Ion:266 Resp: 135955

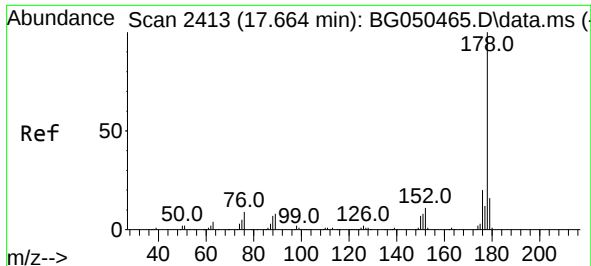
Ion Ratio Lower Upper

266 100

268 64.6 49.0 73.4

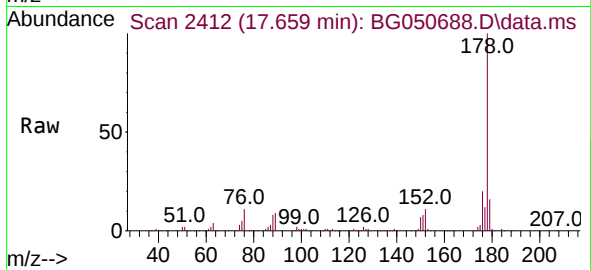
264 63.7 49.0 73.6



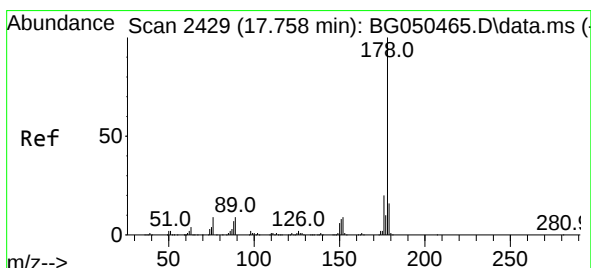
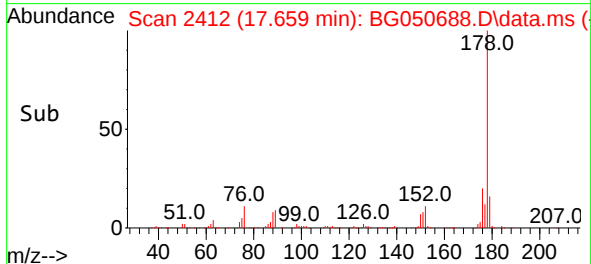
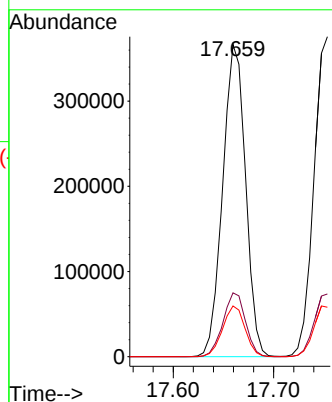


#71  
Phenanthrene  
Concen: 40.209 ng  
RT: 17.659 min Scan# 2412  
Delta R.T. -0.006 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

Instrument :  
BNA\_G  
ClientSampleId :  
PB140130BS

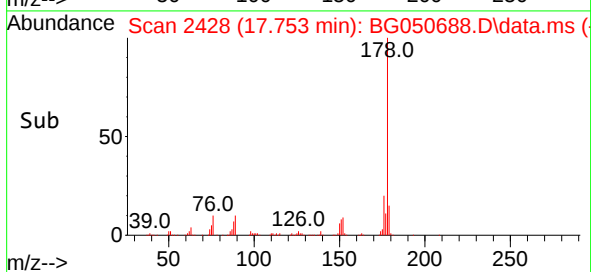
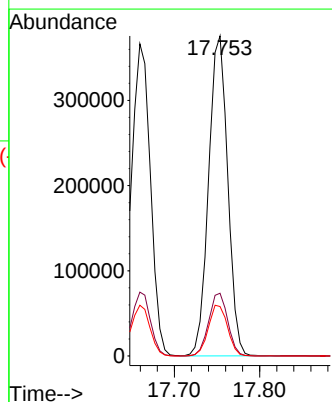
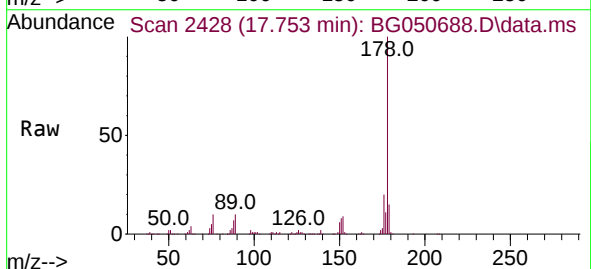


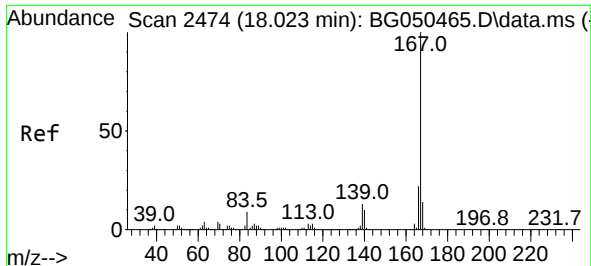
Tgt Ion:178 Resp: 578864  
Ion Ratio Lower Upper  
178 100  
176 20.5 16.0 24.0  
179 16.2 14.2 21.4



#72  
Anthracene  
Concen: 40.779 ng  
RT: 17.753 min Scan# 2428  
Delta R.T. 0.000 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

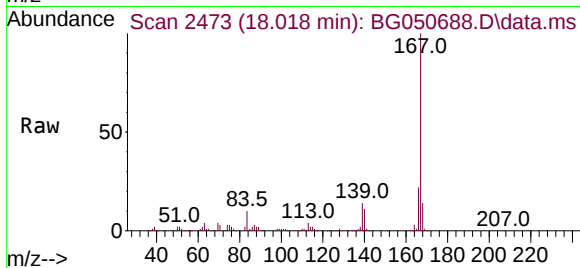
Tgt Ion:178 Resp: 583382  
Ion Ratio Lower Upper  
178 100  
176 19.6 14.6 21.8  
179 15.5 13.4 20.0



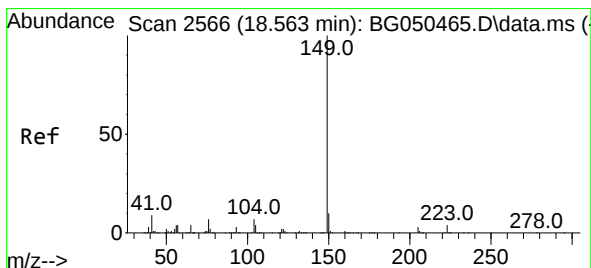
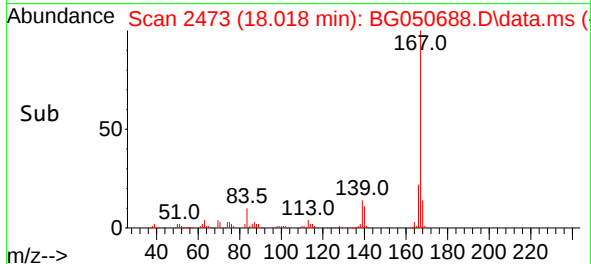
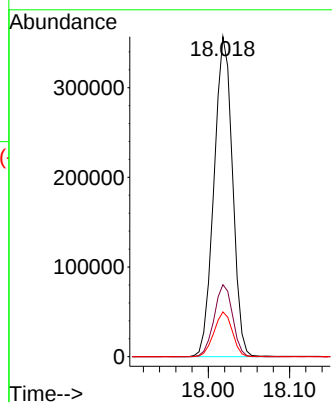


#73  
Carbazole  
Concen: 39.626 ng  
RT: 18.018 min Scan# 2473  
Delta R.T. -0.006 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

Instrument :  
BNA\_G  
ClientSampleId :  
PB140130BS

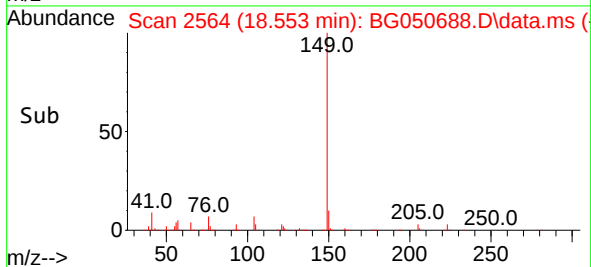
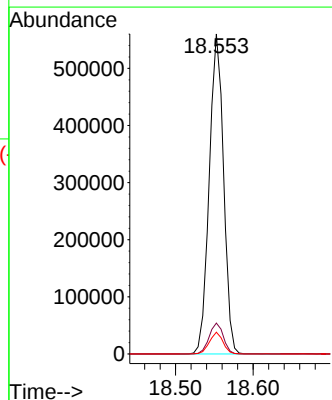
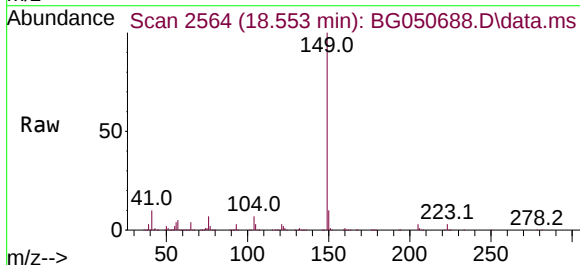


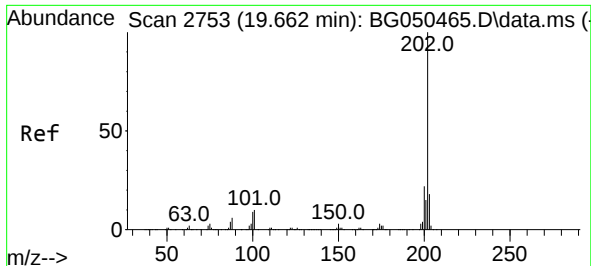
Tgt Ion:167 Resp: 564997  
Ion Ratio Lower Upper  
167 100  
166 22.5 17.4 26.2  
139 14.0 10.7 16.1



#74  
Di-n-butylphthalate  
Concen: 42.953 ng  
RT: 18.553 min Scan# 2564  
Delta R.T. -0.005 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

Tgt Ion:149 Resp: 718727  
Ion Ratio Lower Upper  
149 100  
150 9.7 7.5 11.3  
104 6.8 6.6 10.0

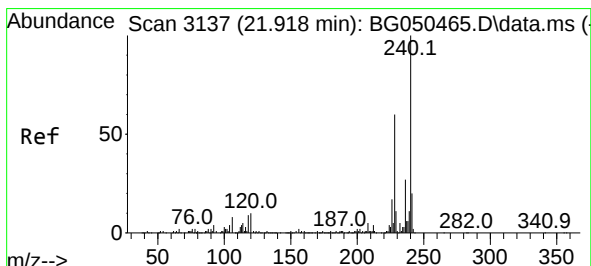
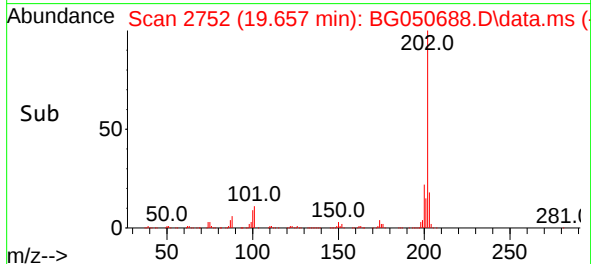
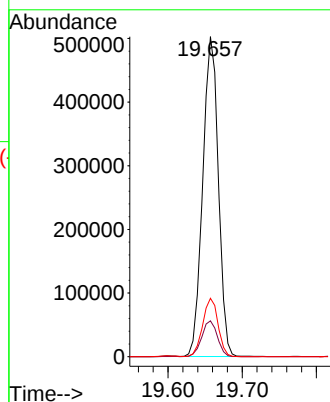
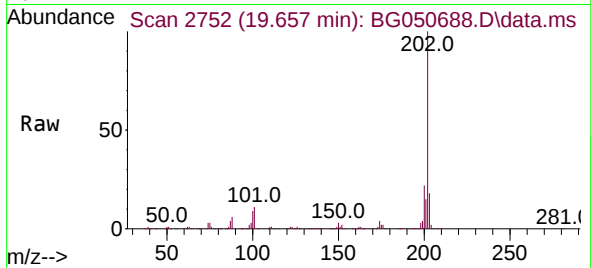




#75  
Fluoranthene  
Concen: 41.609 ng  
RT: 19.657 min Scan# 2752  
Delta R.T. -0.005 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

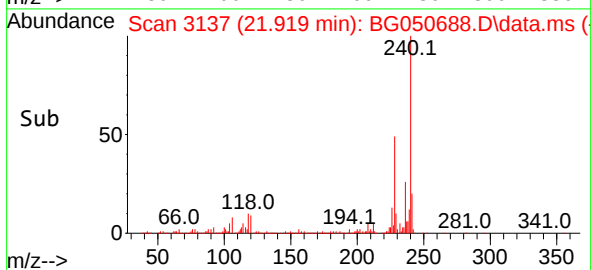
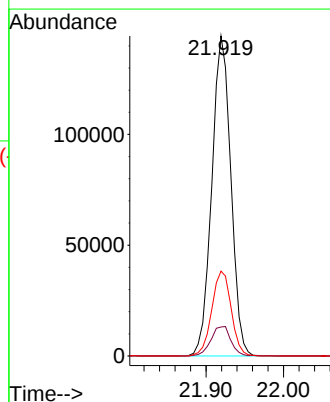
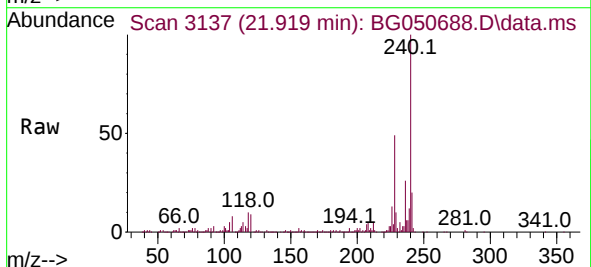
Instrument :  
BNA\_G  
ClientSampleId :  
PB140130BS

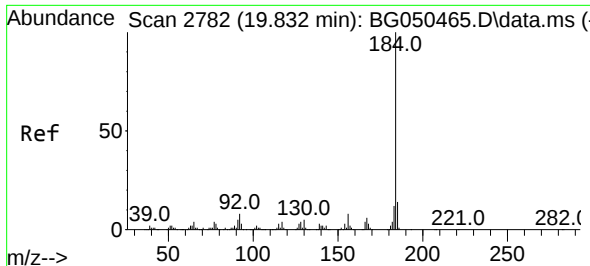
Tgt Ion:202 Resp: 736350  
Ion Ratio Lower Upper  
202 100  
101 11.2 0.0 24.7  
203 18.2 0.0 38.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.919 min Scan# 3137  
Delta R.T. -0.006 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

Tgt Ion:240 Resp: 246527  
Ion Ratio Lower Upper  
240 100  
120 9.1 4.2 6.2#  
236 26.5 21.8 32.6

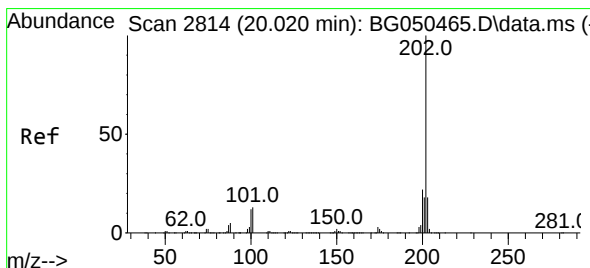
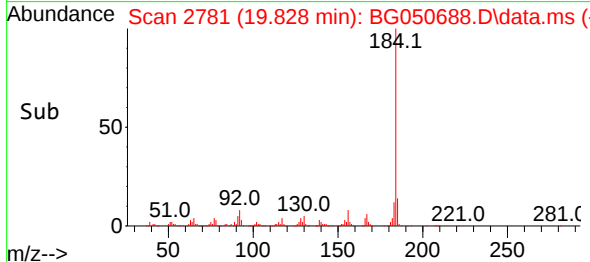
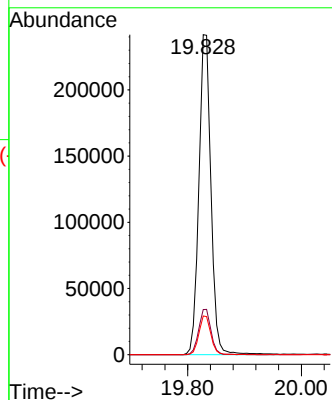
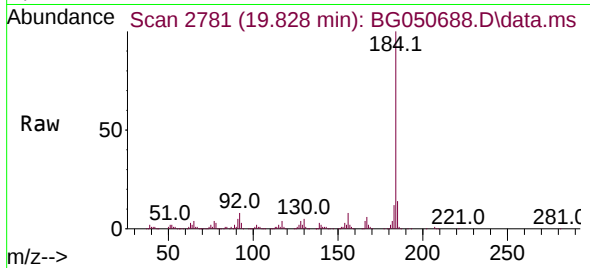




#77  
Benzidine  
Concen: 44.754 ng  
RT: 19.828 min Scan# 2781  
Delta R.T. -0.005 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

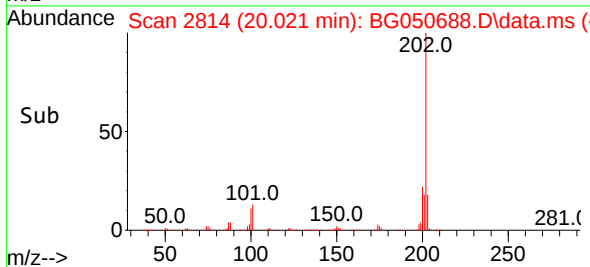
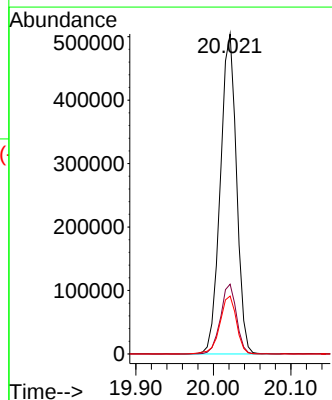
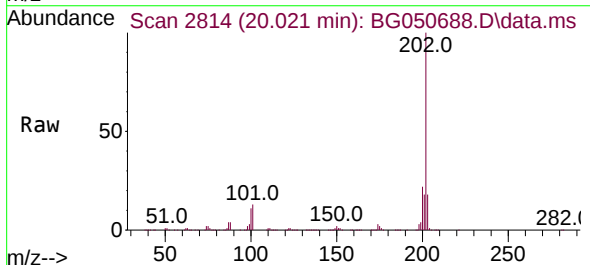
Instrument :  
BNA\_G  
ClientSampleId :  
PB140130BS

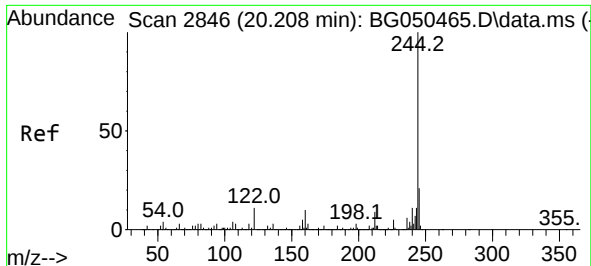
Tgt Ion:184 Resp: 357598  
Ion Ratio Lower Upper  
184 100  
185 14.1 10.7 16.1  
183 12.1 9.4 14.0



#78  
Pyrene  
Concen: 41.854 ng  
RT: 20.021 min Scan# 2814  
Delta R.T. 0.000 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

Tgt Ion:202 Resp: 732073  
Ion Ratio Lower Upper  
202 100  
200 21.8 15.8 23.8  
203 18.1 14.6 21.8

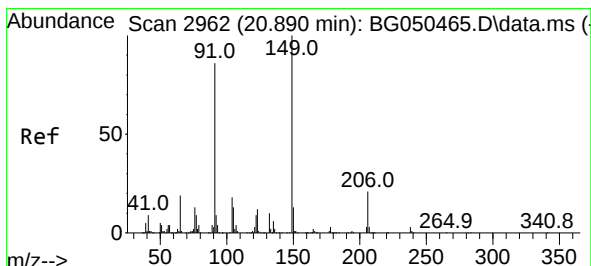
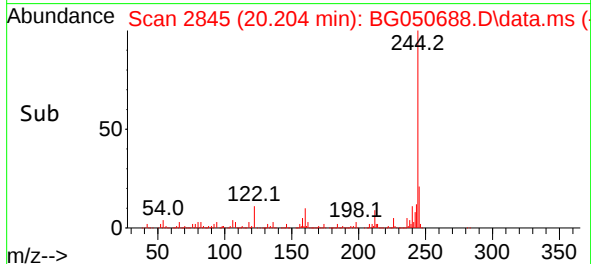
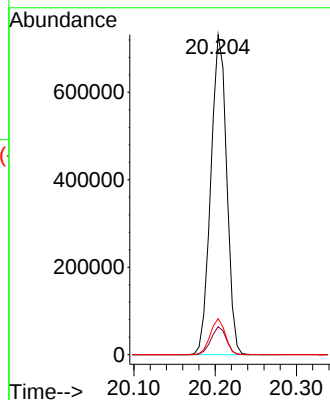
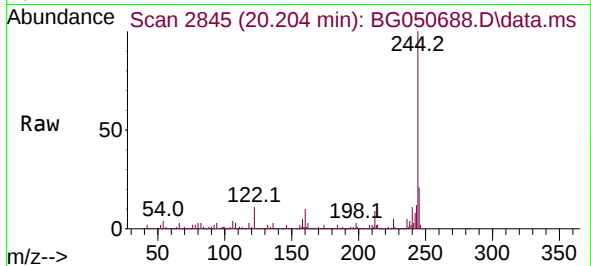




#79  
Terphenyl-d14  
Concen: 78.379 ng  
RT: 20.204 min Scan# 2845  
Delta R.T. -0.005 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

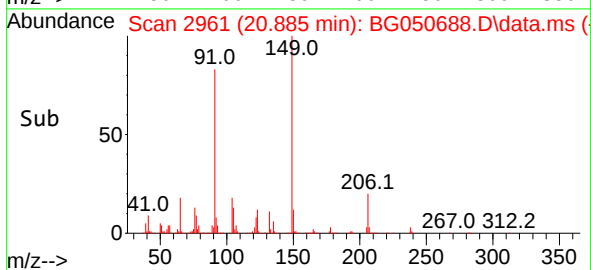
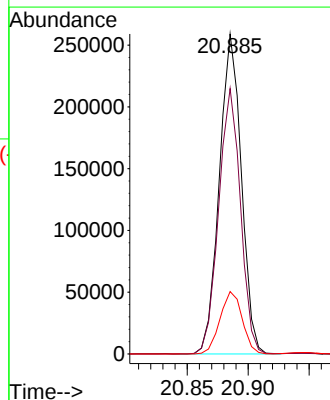
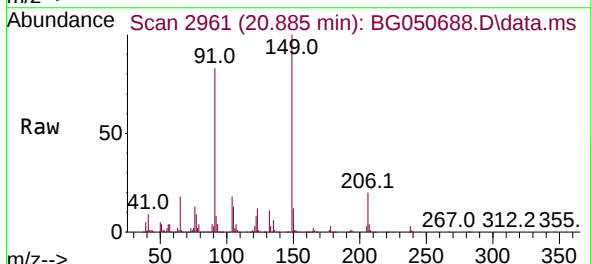
Instrument :  
BNA\_G  
ClientSampleId :  
PB140130BS

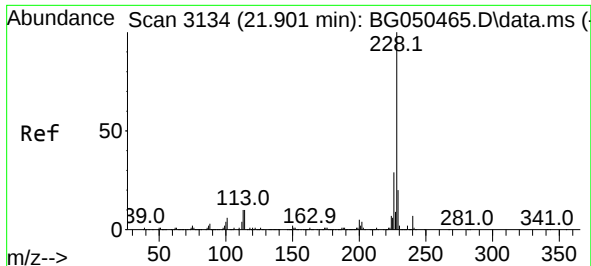
Tgt Ion:244 Resp: 991495  
Ion Ratio Lower Upper  
244 100  
212 8.8 6.9 10.3  
122 11.3 5.0 7.6#



#80  
Butylbenzylphthalate  
Concen: 43.987 ng  
RT: 20.885 min Scan# 2961  
Delta R.T. -0.005 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

Tgt Ion:149 Resp: 325434  
Ion Ratio Lower Upper  
149 100  
91 83.0 63.4 95.2  
206 19.5 18.4 27.6

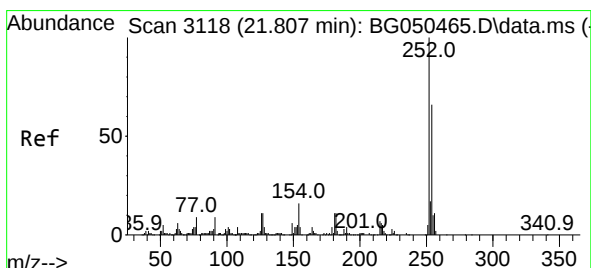
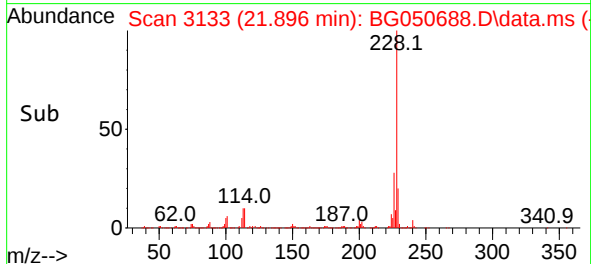
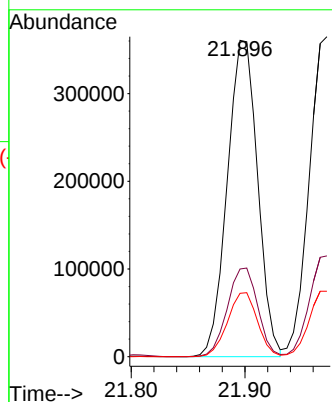
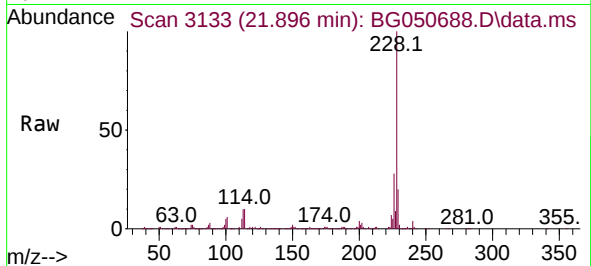




#81  
Benzo(a)anthracene  
Concen: 40.991 ng  
RT: 21.896 min Scan# 3133  
Delta R.T. -0.005 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

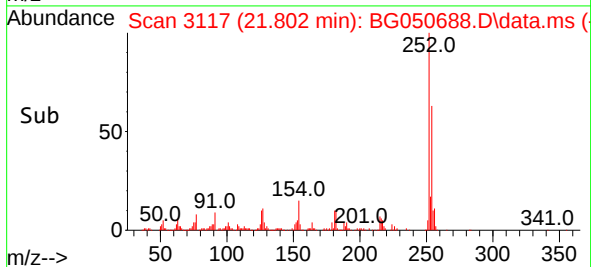
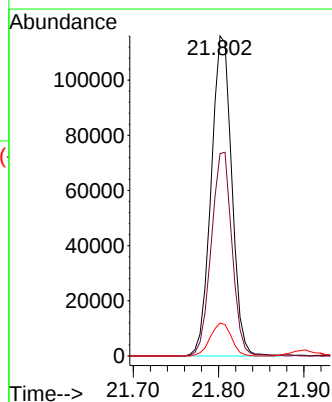
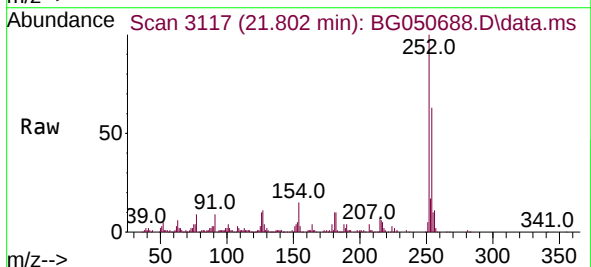
Instrument :  
BNA\_G  
ClientSampleId :  
PB140130BS

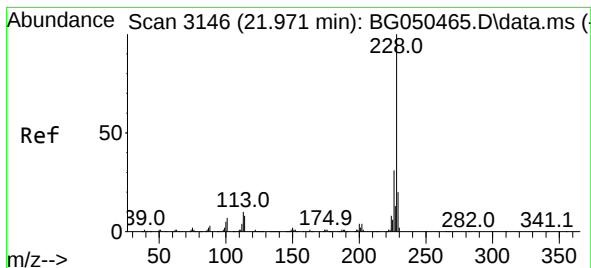
Tgt Ion:228 Resp: 668662  
Ion Ratio Lower Upper  
228 100  
226 27.7 22.7 34.1  
229 20.0 16.0 24.0



#82  
3,3'-Dichlorobenzidine  
Concen: 36.008 ng  
RT: 21.802 min Scan# 3117  
Delta R.T. -0.005 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

Tgt Ion:252 Resp: 194662  
Ion Ratio Lower Upper  
252 100  
254 63.3 52.4 78.6  
126 10.3 5.9 8.9#





#83

Chrysene

Concen: 41.883 ng

RT: 21.972 min Scan# 3146

Delta R.T. 0.000 min

Lab File: BG050688.D

Acq: 22 Oct 2021 13:53

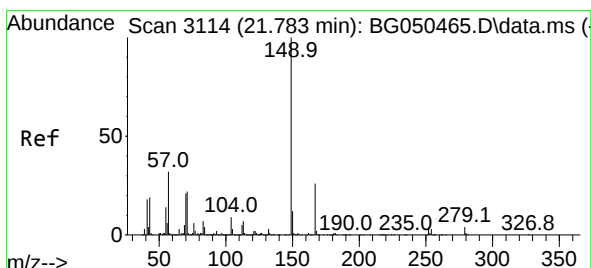
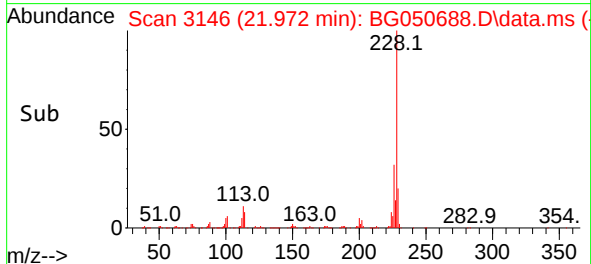
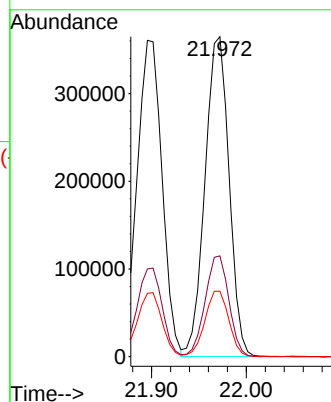
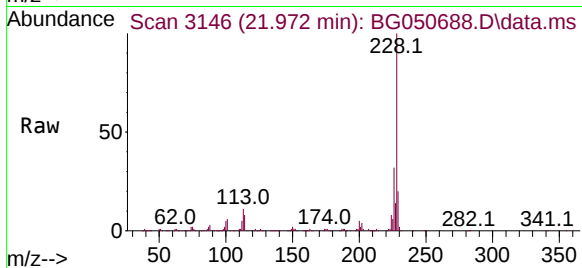
Tgt Ion:228 Resp: 642652

Ion Ratio Lower Upper

228 100

226 31.5 23.1 34.7

229 20.4 15.3 22.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.916 ng

RT: 21.766 min Scan# 3111

Delta R.T. -0.011 min

Lab File: BG050688.D

Acq: 22 Oct 2021 13:53

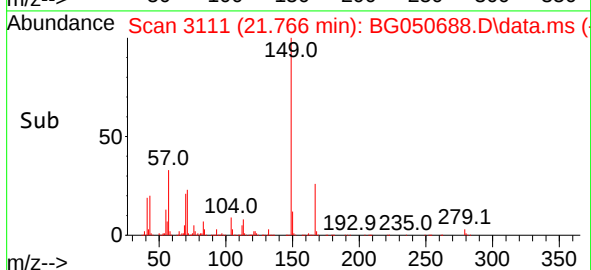
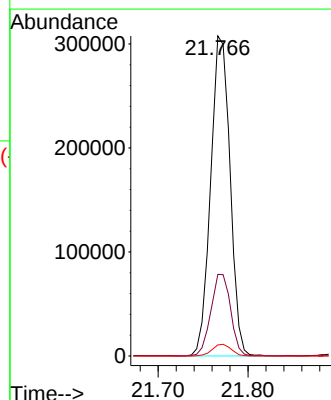
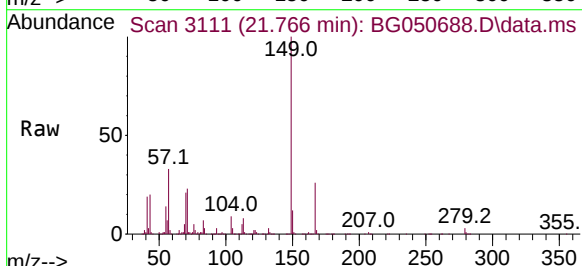
Tgt Ion:149 Resp: 461655

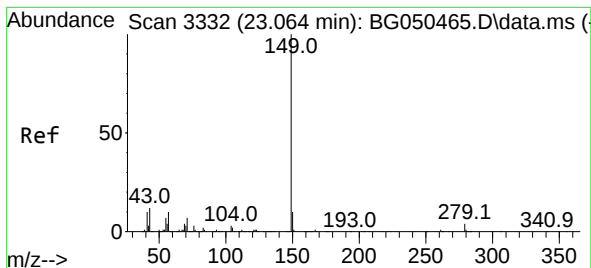
Ion Ratio Lower Upper

149 100

167 25.5 22.3 33.5

279 3.5 3.8 5.8#

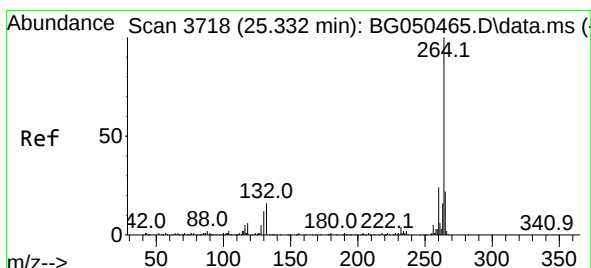
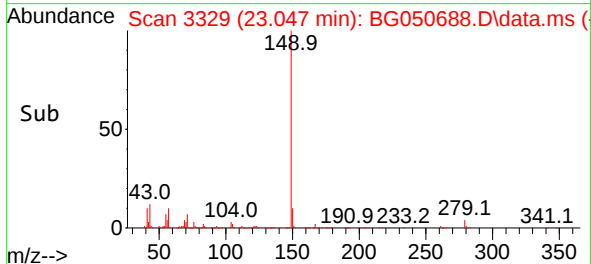
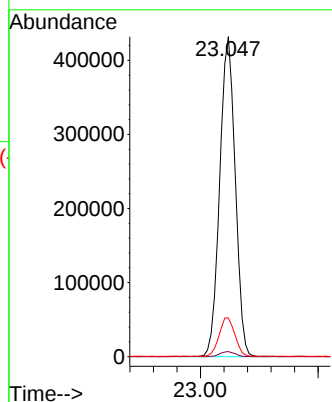
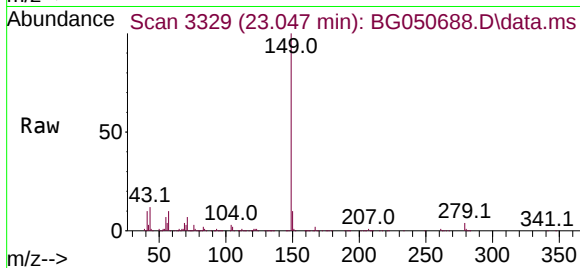




#85  
Di-n-octyl phthalate  
Concen: 45.039 ng  
RT: 23.047 min Scan# 3329  
Delta R.T. -0.006 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

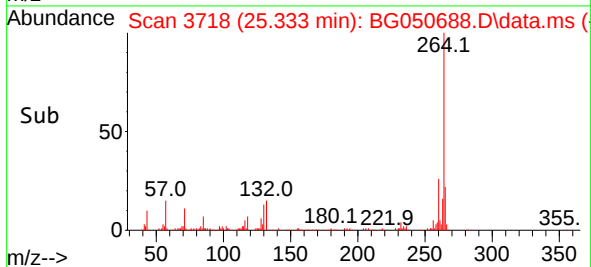
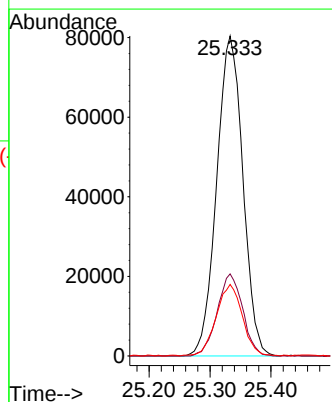
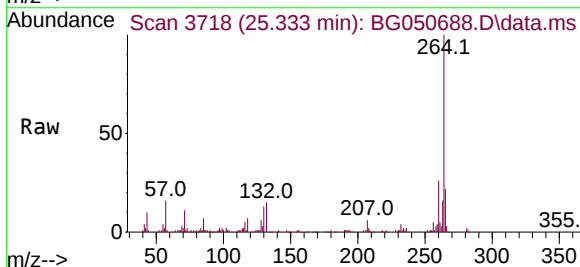
Instrument :  
BNA\_G  
ClientSampleId :  
PB140130BS

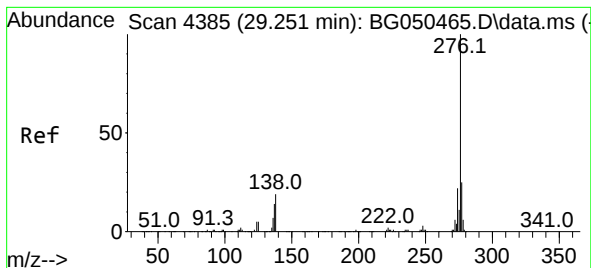
Tgt Ion:149 Resp: 789681  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.4 2.2  
43 12.2 8.6 12.8



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.333 min Scan# 3718  
Delta R.T. 0.000 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

Tgt Ion:264 Resp: 239812  
Ion Ratio Lower Upper  
264 100  
260 25.7 19.4 29.2  
265 22.4 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.447 ng

RT: 29.258 min Scan# 4386

Delta R.T. -0.005 min

Lab File: BG050688.D

Acq: 22 Oct 2021 13:53

Tgt Ion:276 Resp: 725690

Ion Ratio Lower Upper

276 100

138 24.2 5.1 7.7#

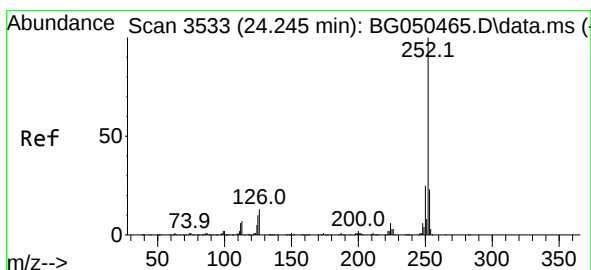
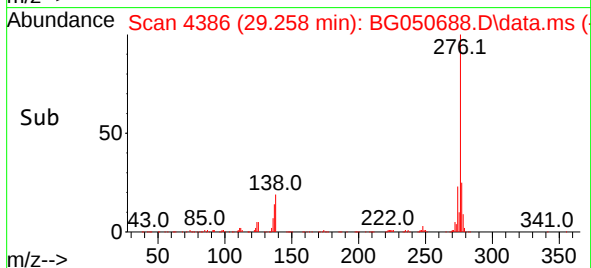
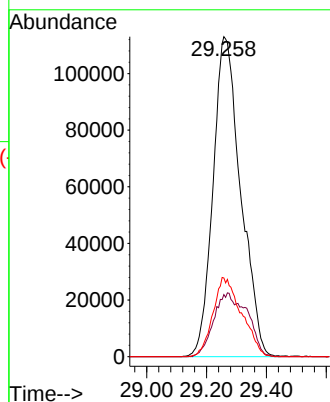
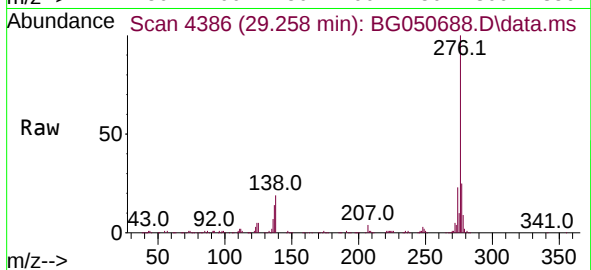
277 25.5 19.8 29.6

Instrument :

BNA\_G

ClientSampleId :

PB140130BS



#88

Benzo(b)fluoranthene

Concen: 46.822 ng

RT: 24.246 min Scan# 3533

Delta R.T. 0.000 min

Lab File: BG050688.D

Acq: 22 Oct 2021 13:53

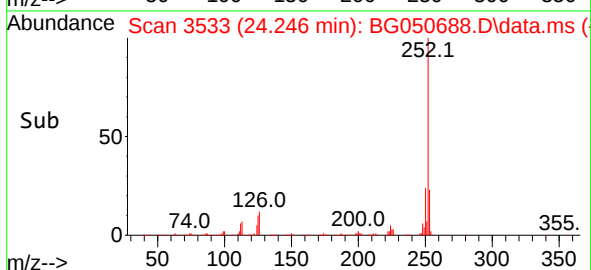
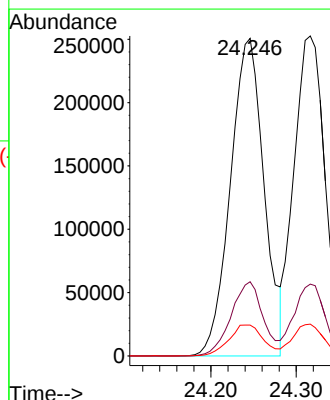
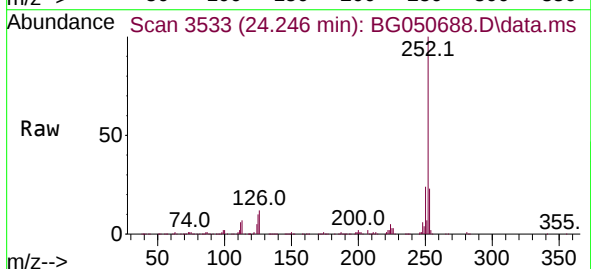
Tgt Ion:252 Resp: 687655

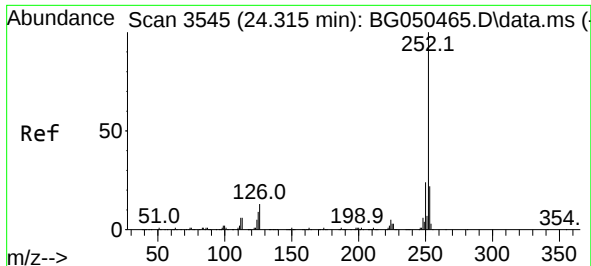
Ion Ratio Lower Upper

252 100

253 23.4 16.2 24.4

125 9.7 3.0 4.4#

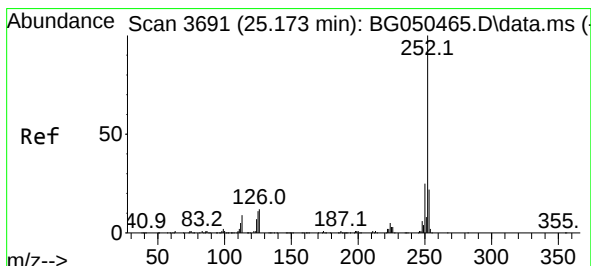
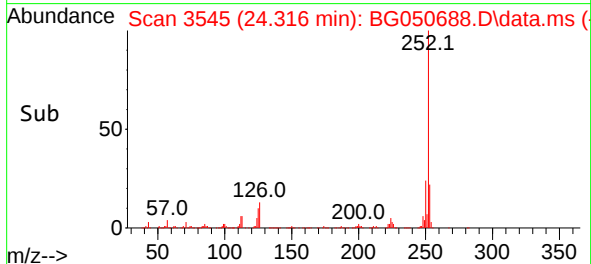
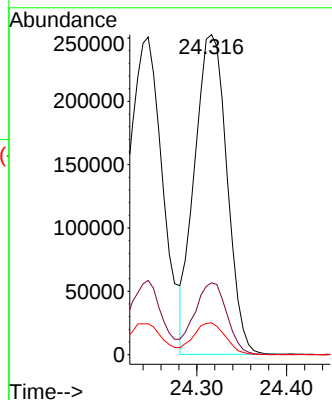
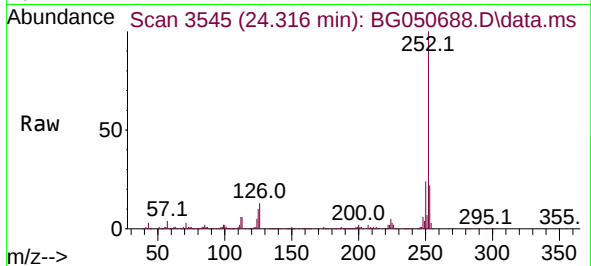




#89  
Benzo(k)fluoranthene  
Concen: 43.852 ng  
RT: 24.316 min Scan# 3545  
Delta R.T. 0.000 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

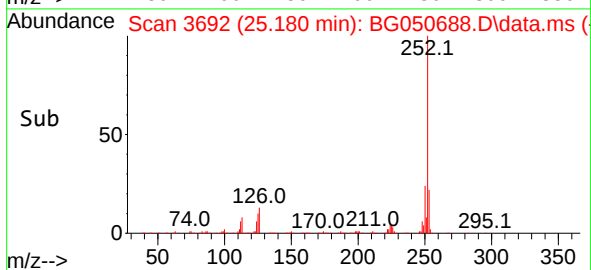
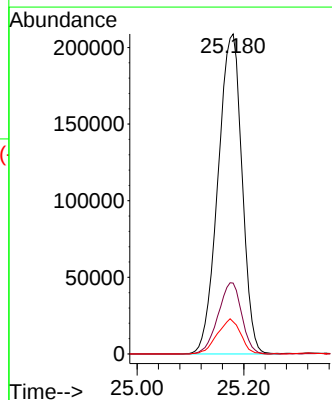
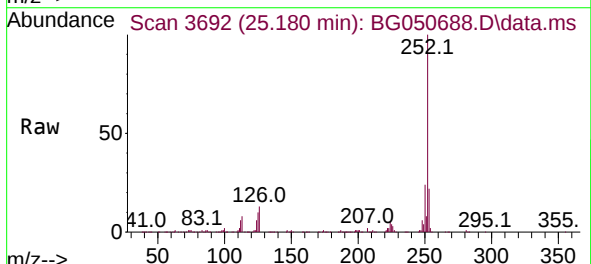
Instrument :  
BNA\_G  
ClientSampleId :  
PB140130BS

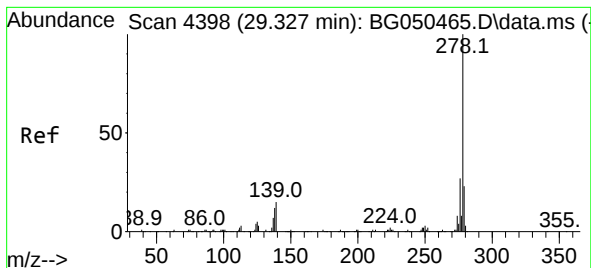
Tgt Ion:252 Resp: 633590  
Ion Ratio Lower Upper  
252 100  
253 22.4 18.0 27.0  
125 9.9 3.1 4.7#



#90  
Benzo(a)pyrene  
Concen: 52.248 ng  
RT: 25.180 min Scan# 3692  
Delta R.T. 0.006 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

Tgt Ion:252 Resp: 652435  
Ion Ratio Lower Upper  
252 100  
253 22.2 16.6 25.0  
125 10.0 3.5 5.3#

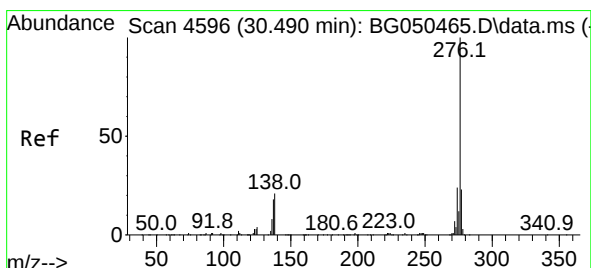
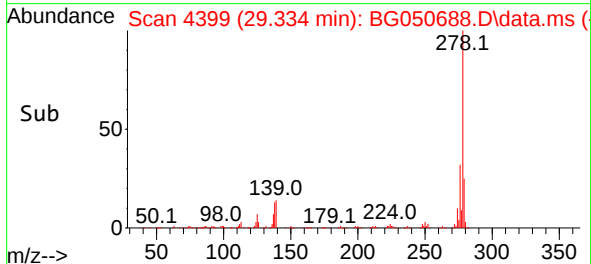
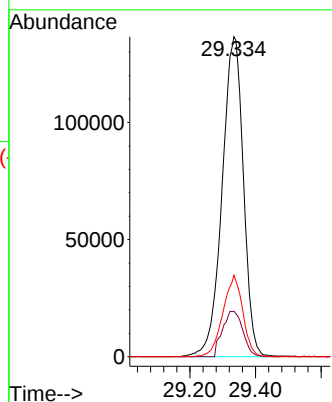
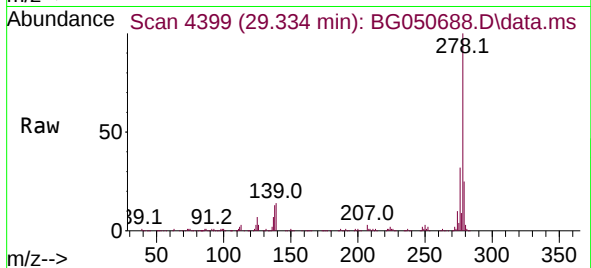




#91  
Dibenzo(a,h)anthracene  
Concen: 44.363 ng  
RT: 29.334 min Scan# 4399  
Delta R.T. 0.000 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

Instrument :  
BNA\_G  
ClientSampleId :  
PB140130BS

Tgt Ion:278 Resp: 612891  
Ion Ratio Lower Upper  
278 100  
139 14.2 4.6 6.8#  
279 25.4 17.9 26.9



#92  
Benzo(g,h,i)perylene  
Concen: 44.482 ng  
RT: 30.503 min Scan# 4598  
Delta R.T. 0.006 min  
Lab File: BG050688.D  
Acq: 22 Oct 2021 13:53

Tgt Ion:276 Resp: 601878  
Ion Ratio Lower Upper  
276 100  
277 24.5 18.4 27.6  
138 20.3 7.0 10.6#

