

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG102921\  
 Data File : BG050779.D  
 Acq On : 29 Oct 2021 15:50  
 Operator : CG/JU  
 Sample : PB140340BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB140340BS

Quant Time: Oct 29 16:39:07 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     | 8.240  | 152  | 40441    | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8            | 11.072 | 136  | 177289   | 20.000  | ng    | #-0.01   |
| 39) Acenaphthene-d10          | 14.868 | 164  | 119588   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.618 | 188  | 268969   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.924 | 240  | 218844   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 25.344 | 264  | 213928   | 20.000  | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.784  | 112  | 334931   | 123.860 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.394  | 99   | 449375   | 114.780 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.421  | 82   | 306435   | 71.551  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.360 | 330  | 136843   | 119.968 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.493 | 172  | 587050   | 73.881  | ng    | -0.01    |
| 79) Terphenyl-d14             | 20.209 | 244  | 926335   | 82.491  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.634  | 88   | 35938    | 25.661  | ng    | 92       |
| 3) Pyridine                   | 4.039  | 79   | 89177    | 23.309  | ng    | # 90     |
| 4) n-Nitrosodimethylamine     | 3.957  | 42   | 65776    | 36.482  | ng    | # 44     |
| 6) Aniline                    | 7.565  | 93   | 179900   | 39.550  | ng    | 94       |
| 8) 2-Chlorophenol             | 7.806  | 128  | 123125   | 47.291  | ng    | 90       |
| 9) Benzaldehyde               | 7.377  | 77   | 92715    | 37.216  | ng    | 91       |
| 10) Phenol                    | 7.418  | 94   | 173561   | 45.594  | ng    | 85       |
| 11) bis(2-Chloroethyl)ether   | 7.653  | 93   | 123714   | 41.640  | ng    | 88       |
| 12) 1,3-Dichlorobenzene       | 8.135  | 146  | 118966   | 39.583  | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 8.282  | 146  | 122767   | 40.518  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.605  | 146  | 119444   | 41.272  | ng    | 93       |
| 15) Benzyl Alcohol            | 8.481  | 79   | 136520   | 44.126  | ng    | 92       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.769  | 45   | 196116   | 40.474  | ng    | 87       |
| 17) 2-Methylphenol            | 8.681  | 107  | 116512   | 46.517  | ng    | 91       |
| 18) Hexachloroethane          | 9.339  | 117  | 47664    | 41.564  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 9.051  | 70   | 115144   | 40.351  | ng    | # 88     |
| 20) 3+4-Methylphenols         | 9.010  | 107  | 157584   | 44.698  | ng    | 96       |
| 22) Acetophenone              | 9.069  | 105  | 194360   | 38.561  | ng    | # 97     |
| 24) Nitrobenzene              | 9.463  | 77   | 166686   | 39.142  | ng    | 94       |
| 25) Isophorone                | 9.985  | 82   | 295362   | 38.882  | ng    | # 96     |
| 26) 2-Nitrophenol             | 10.173 | 139  | 69000    | 44.127  | ng    | # 91     |
| 27) 2,4-Dimethylphenol        | 10.220 | 122  | 127168   | 47.073  | ng    | 91       |
| 28) bis(2-Chloroethoxy)met... | 10.455 | 93   | 168519   | 38.798  | ng    | 94       |
| 29) 2,4-Dichlorophenol        | 10.714 | 162  | 120250   | 43.672  | ng    | 93       |
| 30) 1,2,4-Trichlorobenzene    | 10.926 | 180  | 122320   | 39.107  | ng    | 94       |
| 31) Naphthalene               | 11.125 | 128  | 380590   | 40.106  | ng    | 98       |
| 32) Benzoic acid              | 10.367 | 122  | 68834    | 34.331  | ng    | # 78     |
| 33) 4-Chloroaniline           | 11.231 | 127  | 119673   | 30.057  | ng    | 96       |
| 34) Hexachlorobutadiene       | 11.396 | 225  | 73657    | 37.510  | ng    | 97       |
| 35) Caprolactam               | 12.001 | 113  | 22796    | 21.632  | ng    | # 70     |
| 36) 4-Chloro-3-methylphenol   | 12.330 | 107  | 147611   | 42.890  | ng    | # 91     |
| 37) 2-Methylnaphthalene       | 12.712 | 142  | 271676   | 41.492  | ng    | 92       |
| 38) 1-Methylnaphthalene       | 12.929 | 142  | 253165   | 39.873  | ng    | 95       |
| 40) 1,2,4,5-Tetrachloroben... | 13.076 | 216  | 137537   | 38.946  | ng    | 97       |
| 41) Hexachlorocyclopentadiene | 13.047 | 237  | 152775   | 74.854  | ng    | 92       |
| 43) 2,4,6-Trichlorophenol     | 13.311 | 196  | 101302   | 40.707  | ng    | 95       |

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 ALS Vial : 4 Sample Multiplier: 1

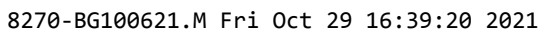
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 ClientSampleId :  
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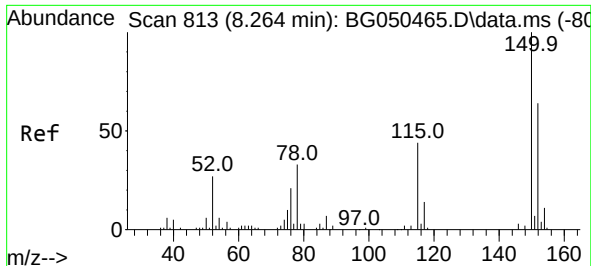
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 14 10:56:22 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.381 | 196  | 107438   | 41.294 | ng    | 93       |
| 46) 1,1'-Biphenyl             | 13.705 | 154  | 338612   | 38.819 | ng    | 95       |
| 47) 2-Chloronaphthalene       | 13.757 | 162  | 273386   | 40.817 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.951 | 65   | 114124   | 42.833 | ng    | 95       |
| 49) Acenaphthylene            | 14.598 | 152  | 451016   | 41.097 | ng    | 96       |
| 50) Dimethylphthalate         | 14.316 | 163  | 370698   | 41.010 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.445 | 165  | 79447    | 43.881 | ng    | 87       |
| 52) Acenaphthene              | 14.933 | 154  | 262911   | 37.281 | ng    | 91       |
| 53) 3-Nitroaniline            | 14.774 | 138  | 74369    | 34.726 | ng    | 93       |
| 54) 2,4-Dinitrophenol         | 14.980 | 184  | 90966    | 80.989 | ng    | 88       |
| 55) Dibenzofuran              | 15.267 | 168  | 426598   | 39.113 | ng    | 98       |
| 56) 4-Nitrophenol             | 15.079 | 139  | 144169   | 83.688 | ng    | # 75     |
| 57) 2,4-Dinitrotoluene        | 15.226 | 165  | 116365   | 45.599 | ng    | 94       |
| 58) Fluorene                  | 15.914 | 166  | 344217   | 41.087 | ng    | 95       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.491 | 232  | 89698    | 39.578 | ng    | 94       |
| 60) Diethylphthalate          | 15.667 | 149  | 394761   | 41.565 | ng    | 96       |
| 61) 4-Chlorophenyl-phenyle... | 15.902 | 204  | 185998   | 40.576 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.937 | 138  | 93889    | 42.138 | ng    | # 67     |
| 63) Azobenzene                | 16.196 | 77   | 430438   | 39.152 | ng    | 82       |
| 65) 4,6-Dinitro-2-methylph... | 15.990 | 198  | 63937    | 39.577 | ng    | 90       |
| 66) n-Nitrosodiphenylamine    | 16.114 | 169  | 314221   | 41.115 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.795 | 248  | 113615   | 41.919 | ng    | 97       |
| 68) Hexachlorobenzene         | 16.918 | 284  | 112981   | 41.942 | ng    | 94       |
| 69) Atrazine                  | 17.054 | 200  | 127358   | 42.304 | ng    | 97       |
| 70) Pentachlorophenol         | 17.265 | 266  | 131727   | 71.833 | ng    | 98       |
| 71) Phenanthrene              | 17.659 | 178  | 580585   | 40.962 | ng    | 98       |
| 72) Anthracene                | 17.753 | 178  | 590869   | 41.952 | ng    | 97       |
| 73) Carbazole                 | 18.017 | 167  | 555652   | 39.584 | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.552 | 149  | 690586   | 41.921 | ng    | # 97     |
| 75) Fluoranthene              | 19.656 | 202  | 688721   | 39.530 | ng    | 96       |
| 77) Benzidine                 | 19.833 | 184  | 372995   | 52.586 | ng    | 98       |
| 78) Pyrene                    | 20.021 | 202  | 682206   | 43.937 | ng    | 96       |
| 80) Butylbenzylphthalate      | 20.890 | 149  | 284376   | 43.300 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.901 | 228  | 606392   | 41.876 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.807 | 252  | 176298   | 36.736 | ng    | # 98     |
| 83) Chrysene                  | 21.971 | 228  | 586683   | 43.072 | ng    | 96       |
| 84) Bis(2-ethylhexyl)phtha... | 21.772 | 149  | 410577   | 43.998 | ng    | # 96     |
| 85) Di-n-octyl phthalate      | 23.052 | 149  | 697772   | 44.831 | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 29.280 | 276  | 653572   | 43.863 | ng    | # 88     |
| 88) Benzo(b)fluoranthene      | 24.251 | 252  | 606625   | 46.302 | ng    | # 92     |
| 89) Benzo(k)fluoranthene      | 24.322 | 252  | 585172   | 45.401 | ng    | # 97     |
| 90) Benzo(a)pyrene            | 25.185 | 252  | 584240   | 52.448 | ng    | # 93     |
| 91) Dibenzo(a,h)anthracene    | 29.357 | 278  | 552038   | 44.793 | ng    | # 91     |
| 92) Benzo(g,h,i)perylene      | 30.526 | 276  | 549509   | 45.525 | ng    | # 91     |

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

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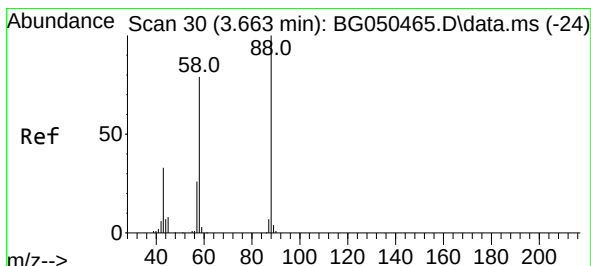
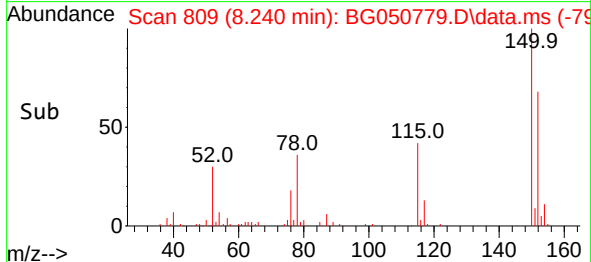
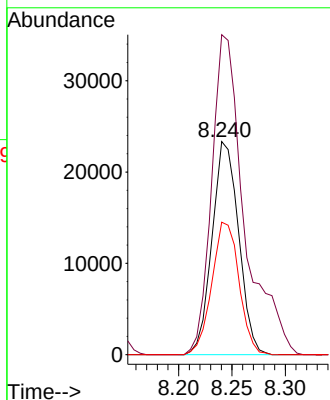
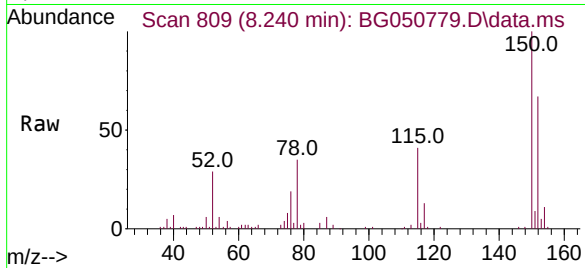




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.240 min Scan# 809  
 Delta R.T. -0.018 min  
 Lab File: BG050779.D  
 Acq: 29 Oct 2021 15:50

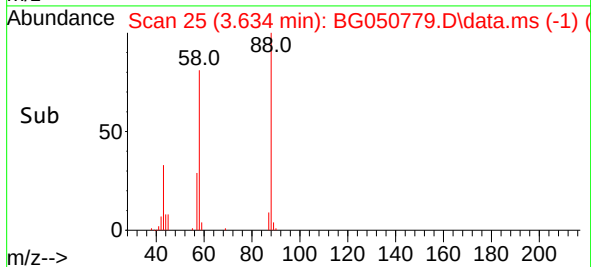
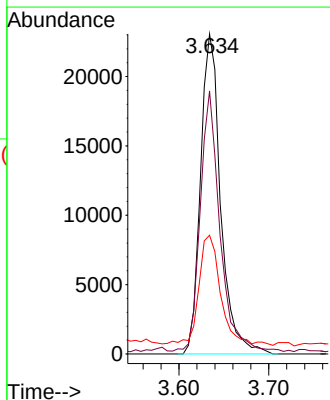
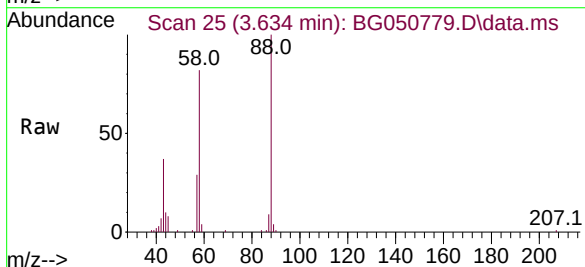
Instrument :  
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 PB140340BS

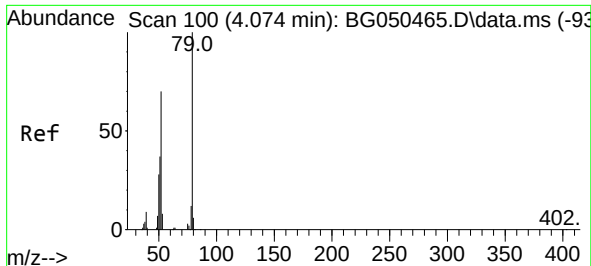
Tgt Ion:152 Resp: 40441  
 Ion Ratio Lower Upper  
 152 100  
 150 150.2 119.4 179.0  
 115 62.2 60.2 90.4



#2  
 1,4-Dioxane  
 Concen: 25.661 ng  
 RT: 3.634 min Scan# 25  
 Delta R.T. -0.024 min  
 Lab File: BG050779.D  
 Acq: 29 Oct 2021 15:50

Tgt Ion: 88 Resp: 35938  
 Ion Ratio Lower Upper  
 88 100  
 58 79.3 55.7 83.5  
 43 37.7 29.3 43.9

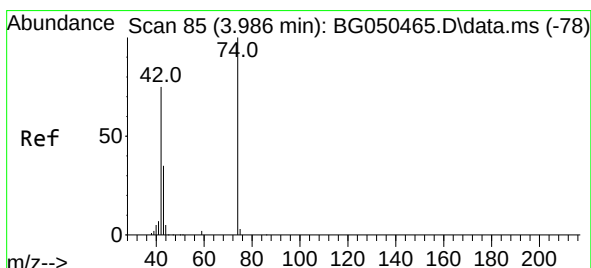
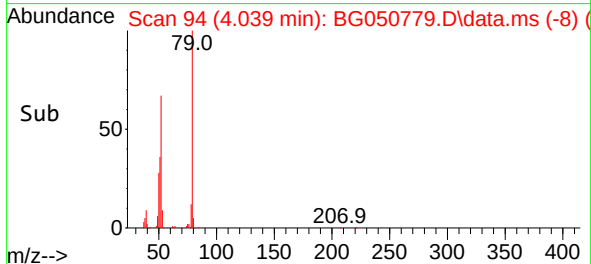
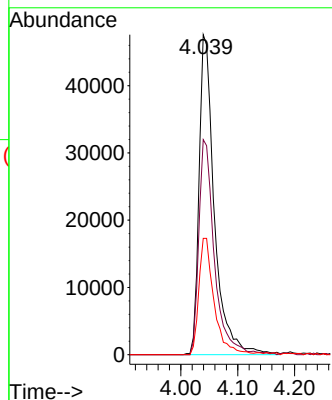
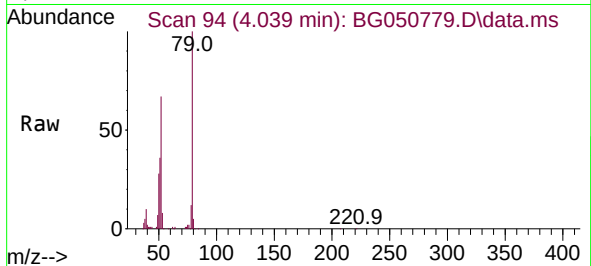




#3  
Pyridine  
Concen: 23.309 ng  
RT: 4.039 min Scan# 94  
Delta R.T. -0.024 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

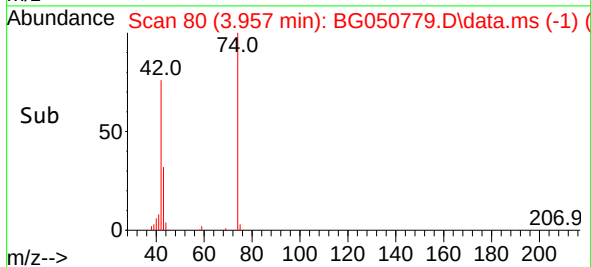
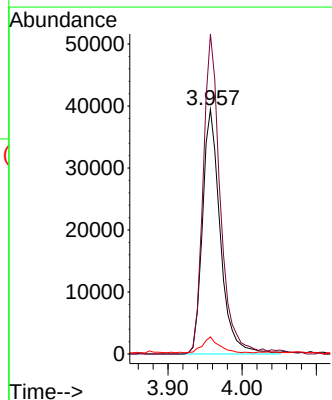
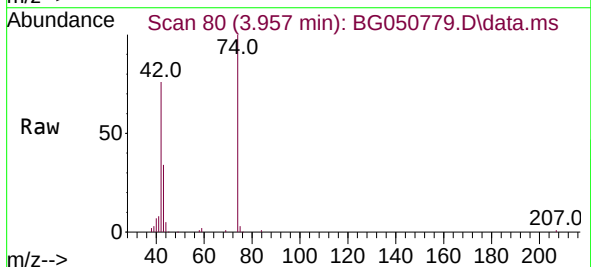
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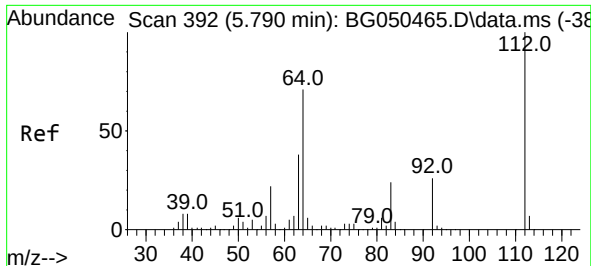
Tgt Ion: 79 Resp: 89177  
Ion Ratio Lower Upper  
79 100  
52 67.2 58.4 87.6  
51 36.3 37.0 55.6#



#4  
n-Nitrosodimethylamine  
Concen: 36.482 ng  
RT: 3.957 min Scan# 80  
Delta R.T. -0.024 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

Tgt Ion: 42 Resp: 65776  
Ion Ratio Lower Upper  
42 100  
74 130.9 64.0 96.0#  
44 7.0 2.7 4.1#

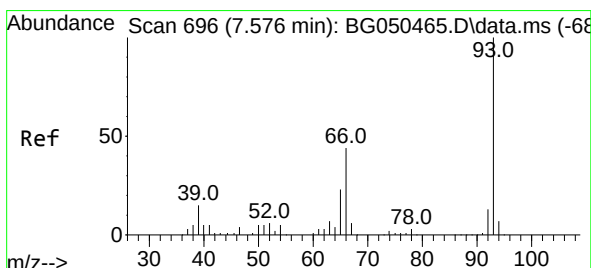
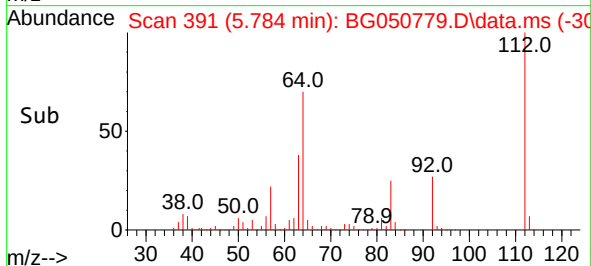
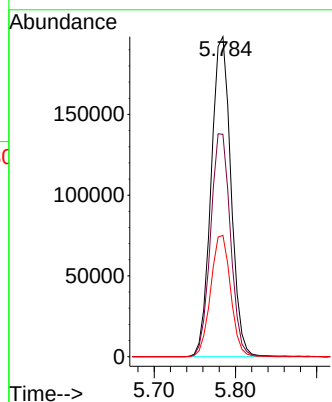
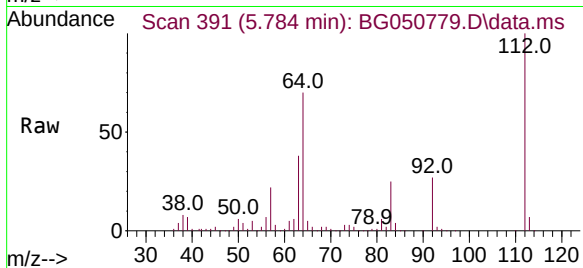




#5  
2-Fluorophenol  
Concen: 123.860 ng  
RT: 5.784 min Scan# 391  
Delta R.T. -0.006 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

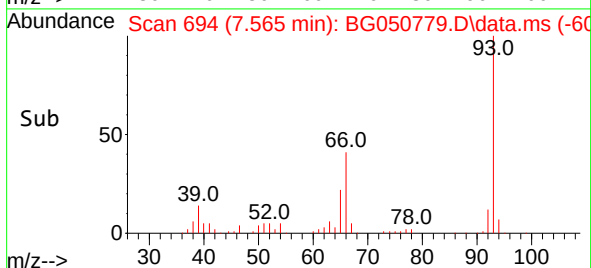
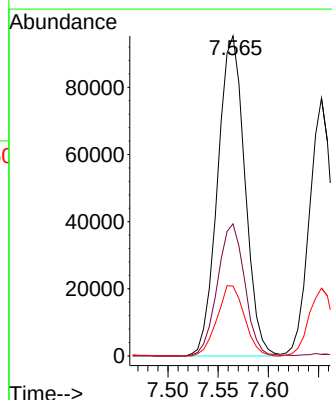
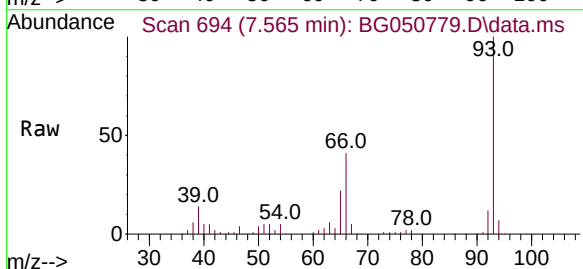
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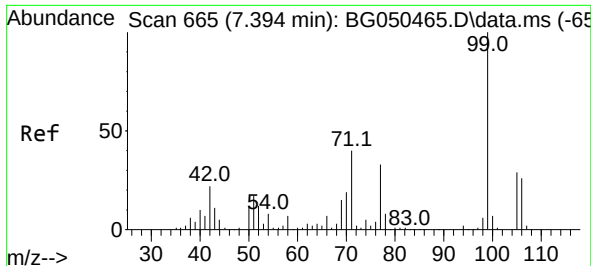
Tgt Ion:112 Resp: 334931  
Ion Ratio Lower Upper  
112 100  
64 69.5 46.7 70.1  
63 37.9 35.3 52.9



#6  
Aniline  
Concen: 39.550 ng  
RT: 7.565 min Scan# 694  
Delta R.T. -0.012 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

Tgt Ion: 93 Resp: 179900  
Ion Ratio Lower Upper  
93 100  
66 41.3 30.6 45.8  
65 21.8 15.0 22.4

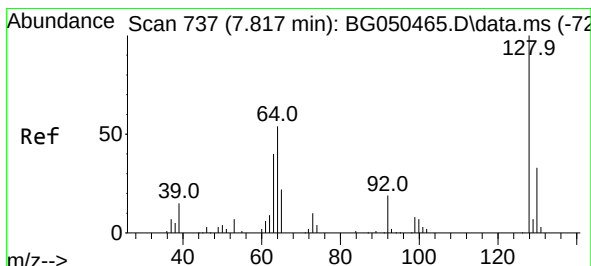
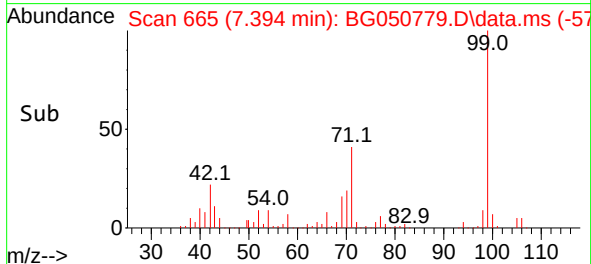
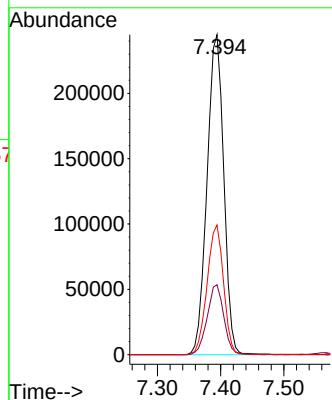
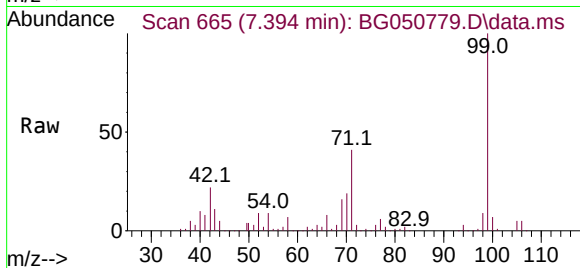




#7  
Phenol-d6  
Concen: 114.780 ng  
RT: 7.394 min Scan# 665  
Delta R.T. -0.006 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

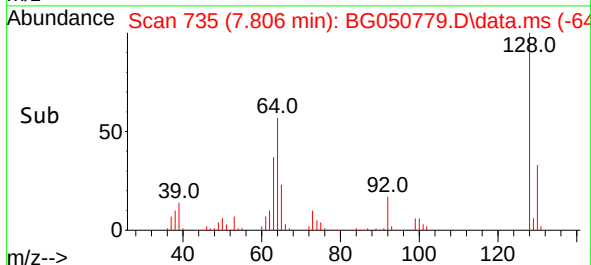
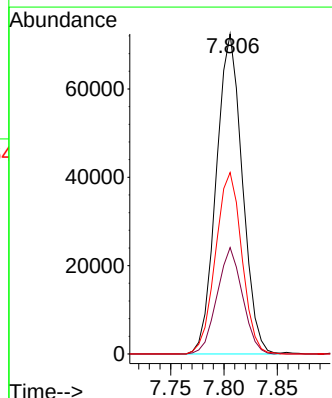
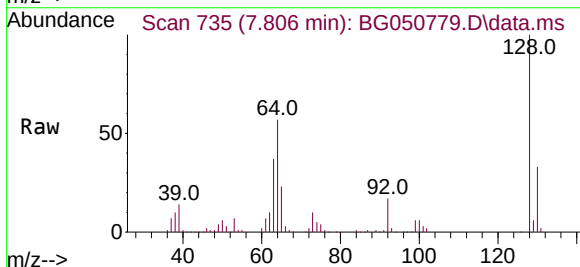
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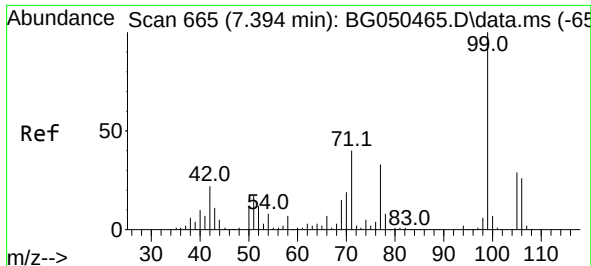
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Ion Ratio Lower Upper  
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42 21.9 20.5 30.7  
71 40.6 41.5 62.3#



#8  
2-Chlorophenol  
Concen: 47.291 ng  
RT: 7.806 min Scan# 735  
Delta R.T. -0.012 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

Tgt Ion:128 Resp: 123125  
Ion Ratio Lower Upper  
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130 33.3 10.0 50.0  
64 56.7 28.1 68.1

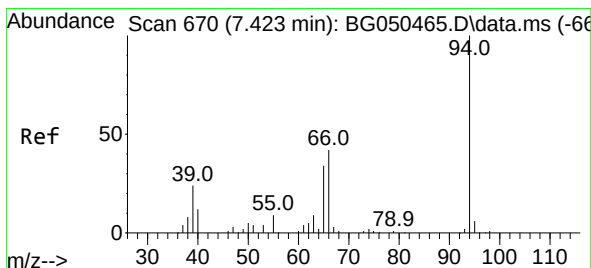
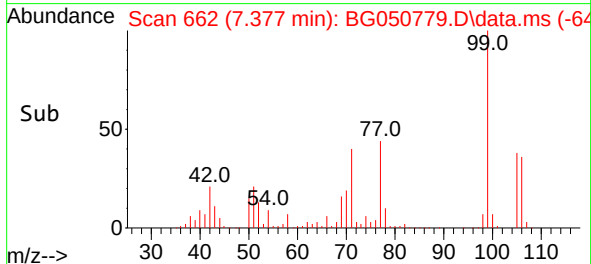
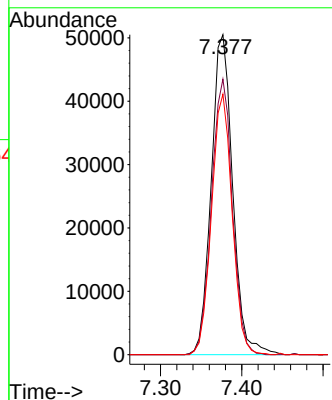
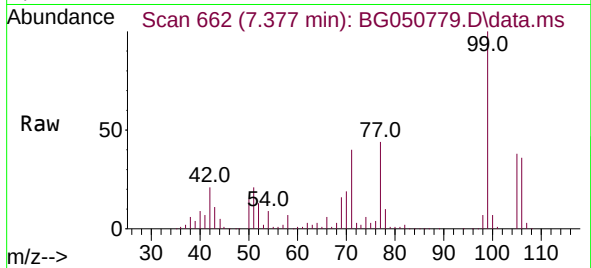




#9  
Benzaldehyde  
Concen: 37.216 ng  
RT: 7.377 min Scan# 662  
Delta R.T. -0.012 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

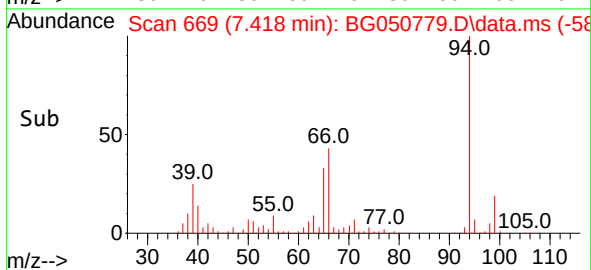
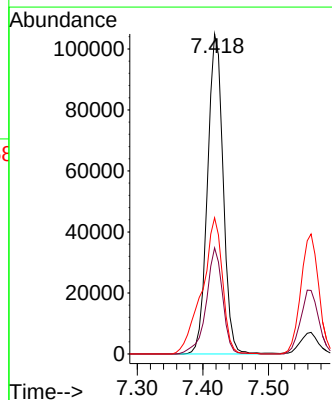
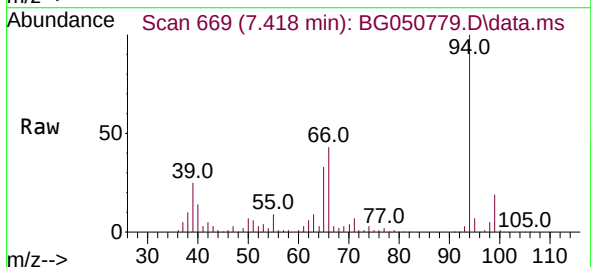
Instrument :  
BNA\_F  
ClientSampleId :  
PB140340BS

Tgt Ion: 77 Resp: 92715  
Ion Ratio Lower Upper  
77 100  
105 86.1 68.8 108.8  
106 81.4 47.9 87.9

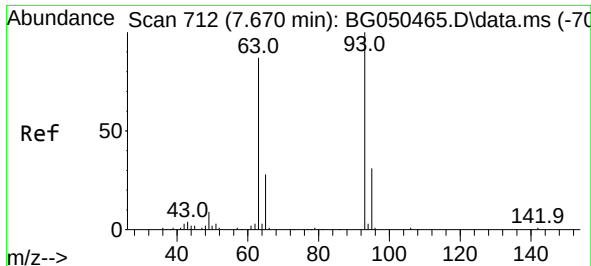


#10  
Phenol  
Concen: 45.594 ng  
RT: 7.418 min Scan# 669  
Delta R.T. -0.006 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

Tgt Ion: 94 Resp: 173561  
Ion Ratio Lower Upper  
94 100  
65 33.1 12.9 52.9  
66 42.6 39.4 79.4



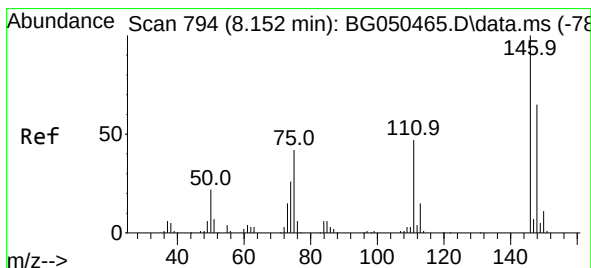
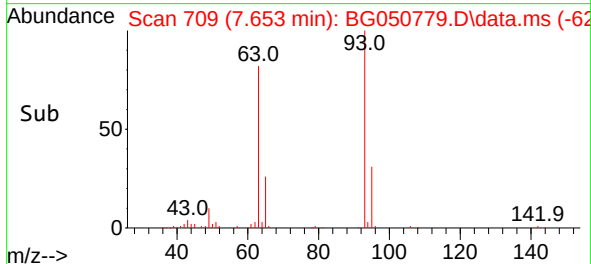
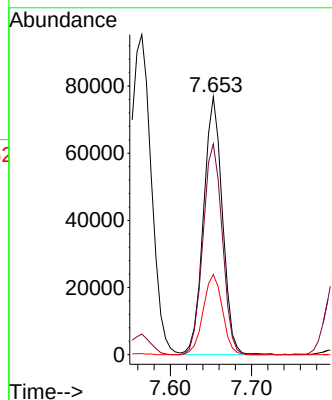
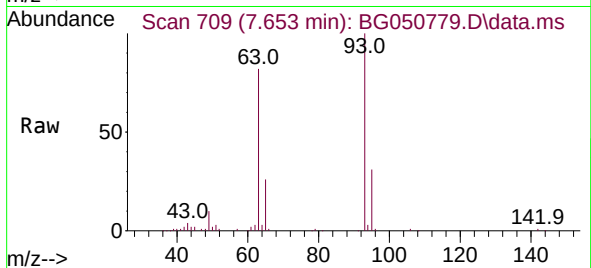




#11  
bis(2-Chloroethyl)ether  
Concen: 41.640 ng  
RT: 7.653 min Scan# 709  
Delta R.T. -0.012 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

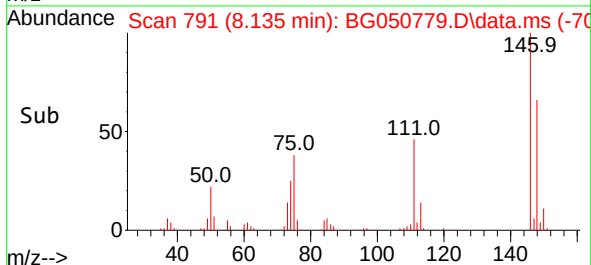
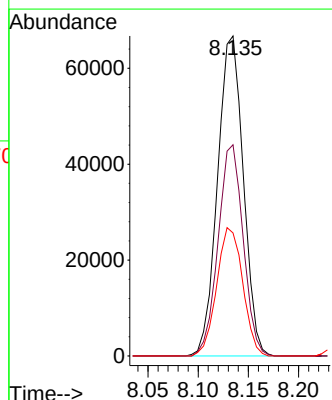
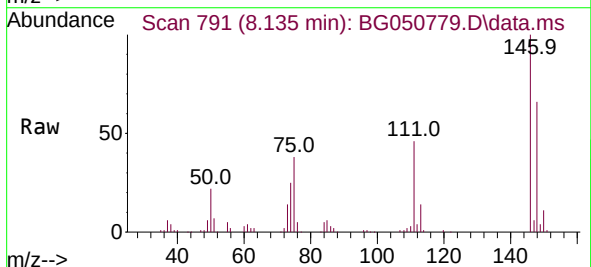
Instrument :  
BNA\_F  
ClientSampleId :  
PB140340BS

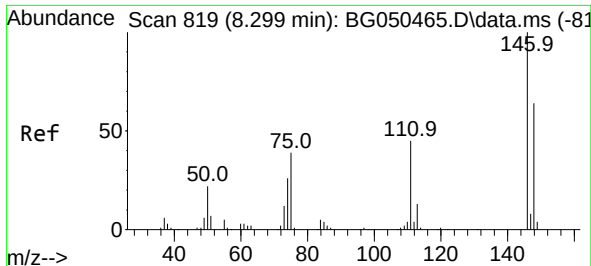
Tgt Ion: 93 Resp: 123714  
Ion Ratio Lower Upper  
93 100  
63 81.7 50.4 90.4  
95 31.1 15.3 55.3



#12  
1,3-Dichlorobenzene  
Concen: 39.583 ng  
RT: 8.135 min Scan# 791  
Delta R.T. -0.012 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

Tgt Ion: 146 Resp: 118966  
Ion Ratio Lower Upper  
146 100  
148 66.0 52.6 78.8  
75 38.4 35.7 53.5

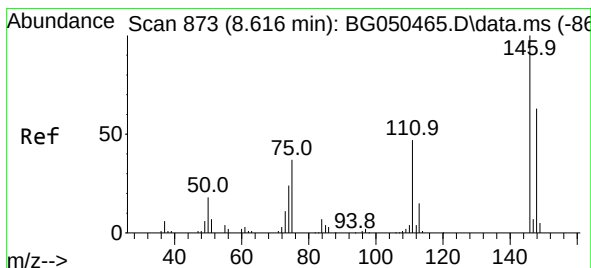
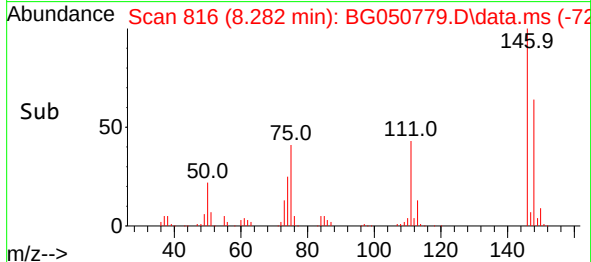
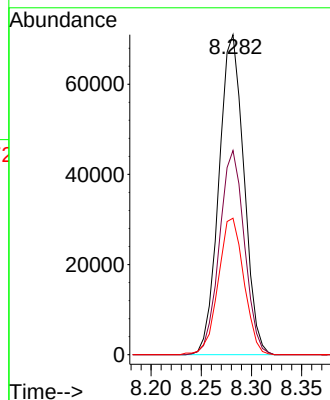
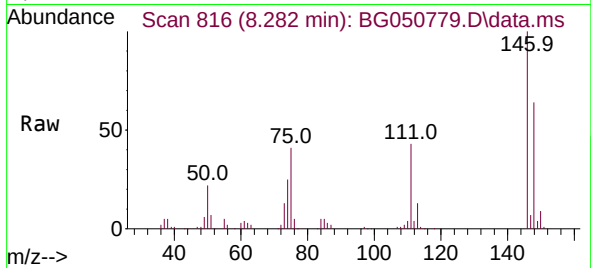




#13  
1,4-Dichlorobenzene  
Concen: 40.518 ng  
RT: 8.282 min Scan# 816  
Delta R.T. -0.012 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

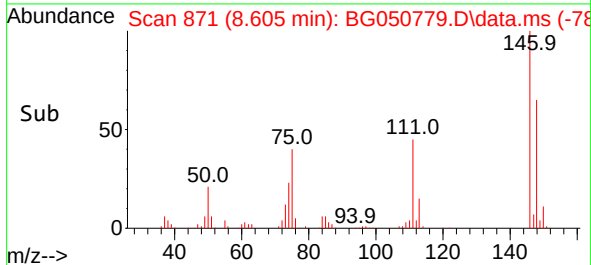
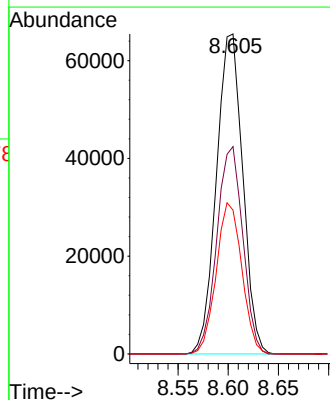
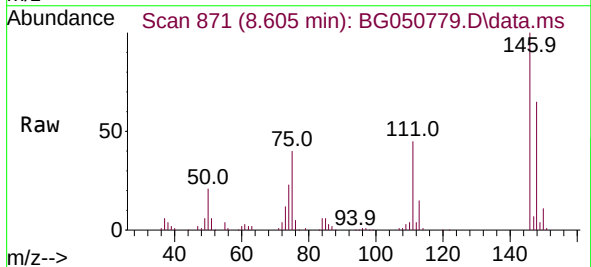
Instrument :  
BNA\_F  
ClientSampleId :  
PB140340BS

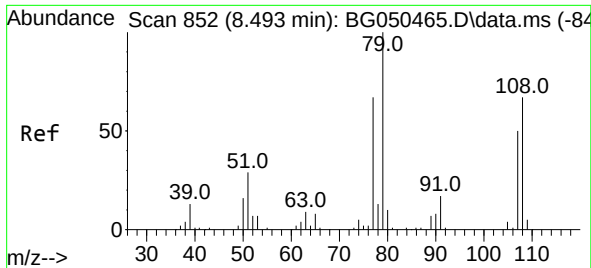
Tgt Ion:146 Resp: 122767  
Ion Ratio Lower Upper  
146 100  
148 63.8 54.0 81.0  
111 42.7 34.3 51.5



#14  
1,2-Dichlorobenzene  
Concen: 41.272 ng  
RT: 8.605 min Scan# 871  
Delta R.T. -0.012 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

Tgt Ion:146 Resp: 119444  
Ion Ratio Lower Upper  
146 100  
148 64.8 47.5 71.3  
111 44.9 39.1 58.7

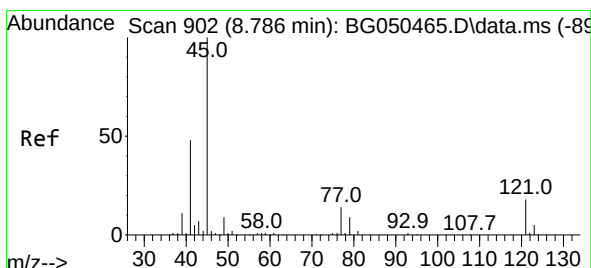
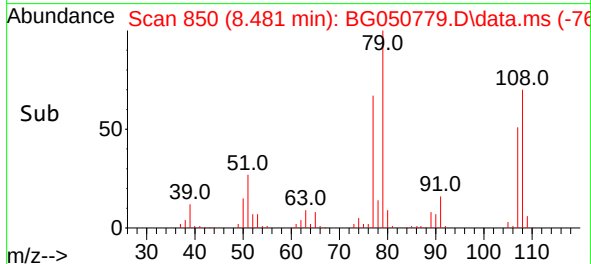
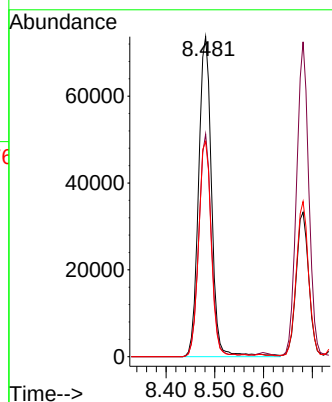
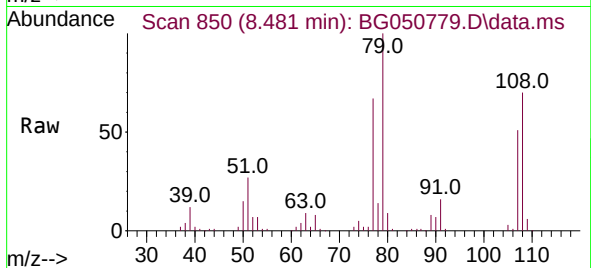




#15  
Benzyl Alcohol  
Concen: 44.126 ng  
RT: 8.481 min Scan# 850  
Delta R.T. -0.012 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

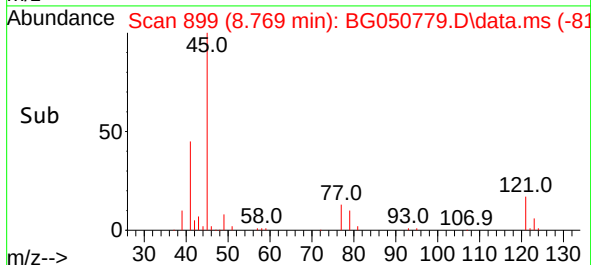
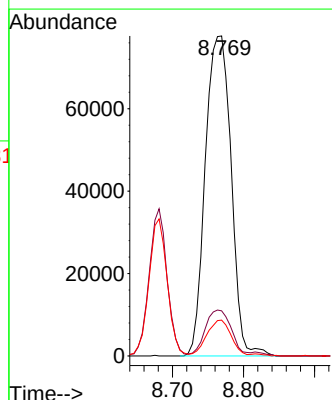
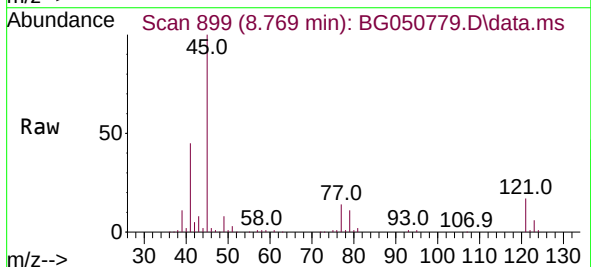
Instrument :  
BNA\_F  
ClientSampleId :  
PB140340BS

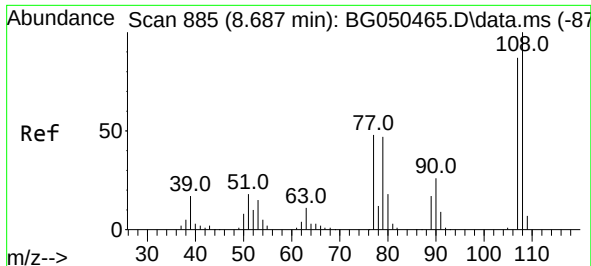
Tgt Ion: 79 Resp: 136520  
Ion Ratio Lower Upper  
79 100  
108 69.5 48.2 72.4  
77 67.2 57.3 85.9



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.474 ng  
RT: 8.769 min Scan# 899  
Delta R.T. -0.006 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

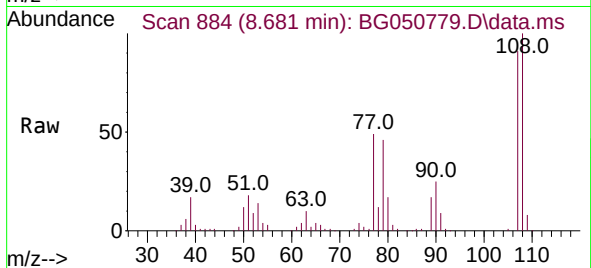
Tgt Ion: 45 Resp: 196116  
Ion Ratio Lower Upper  
45 100  
77 14.1 2.2 42.2  
79 11.2 0.0 34.3



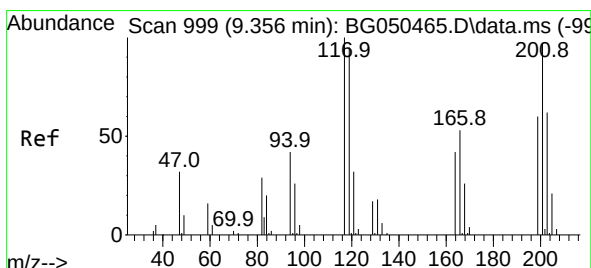
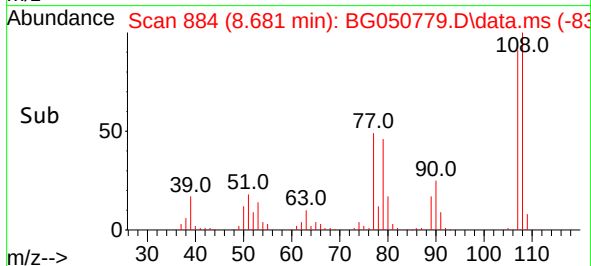
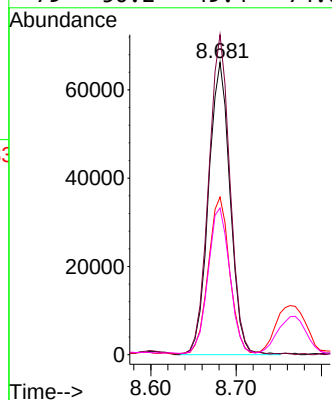


#17  
2-Methylphenol  
Concen: 46.517 ng  
RT: 8.681 min Scan# 884  
Delta R.T. -0.006 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

Instrument :  
BNA\_F  
ClientSampleId :  
PB140340BS

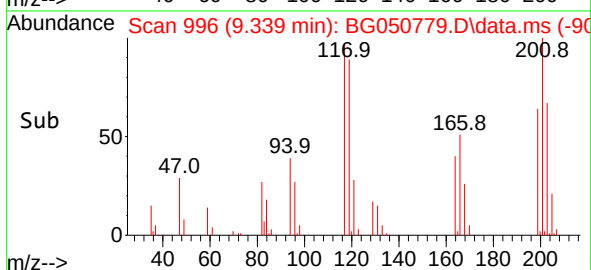
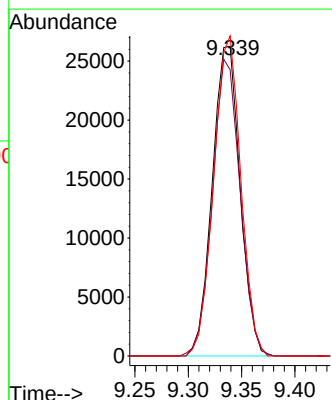
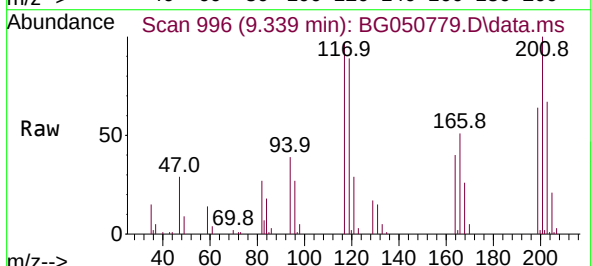


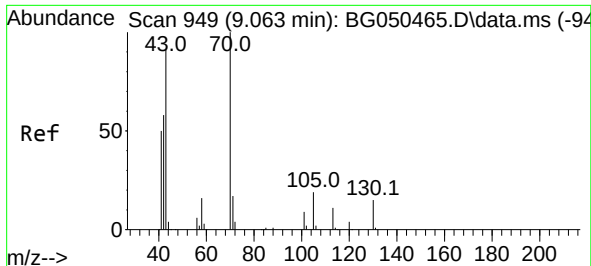
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 109.5 | 84.6  | 127.0 |
| 77      | 53.9  | 50.7  | 76.1  |
| 79      | 50.2  | 49.4  | 74.0  |



#18  
Hexachloroethane  
Concen: 41.564 ng  
RT: 9.339 min Scan# 996  
Delta R.T. -0.012 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 92.4  | 74.4  | 111.6 |
| 201     | 105.3 | 88.6  | 133.0 |

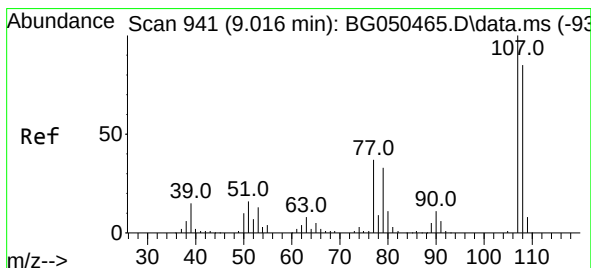
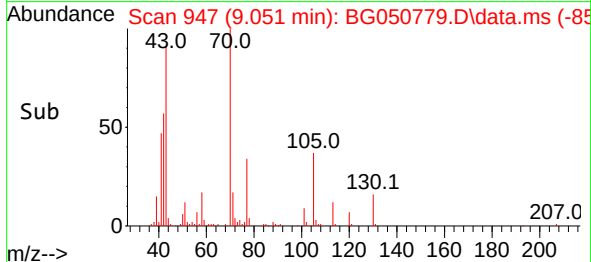
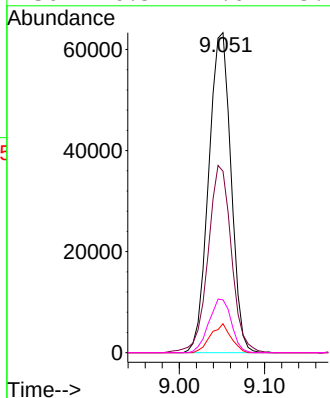
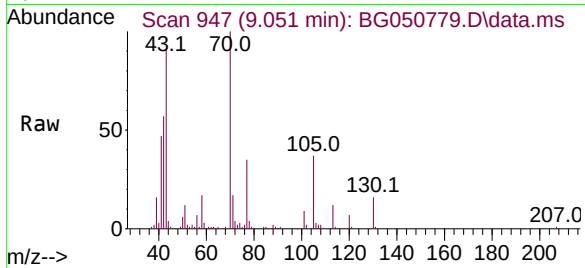




#19  
n-Nitroso-di-n-propylamine  
Concen: 40.351 ng  
RT: 9.051 min Scan# 947  
Delta R.T. -0.006 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

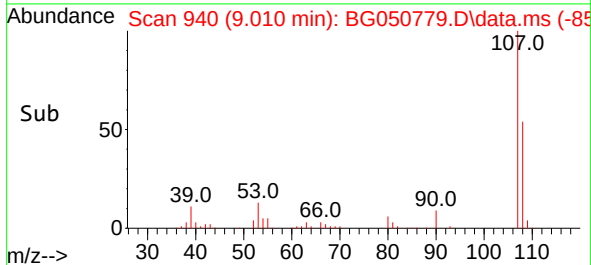
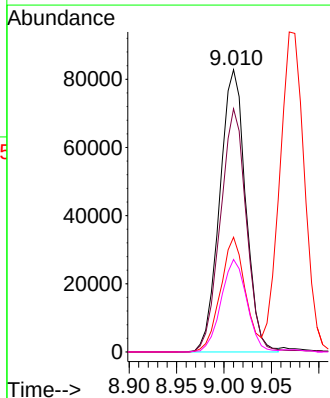
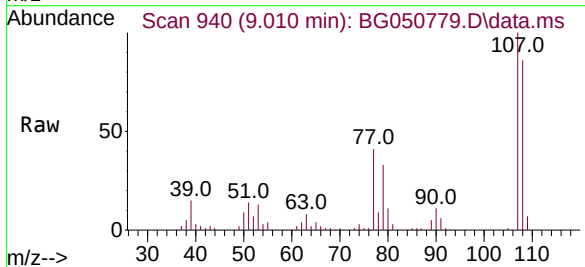
Instrument :  
BNA\_F  
ClientSampleId :  
PB140340BS

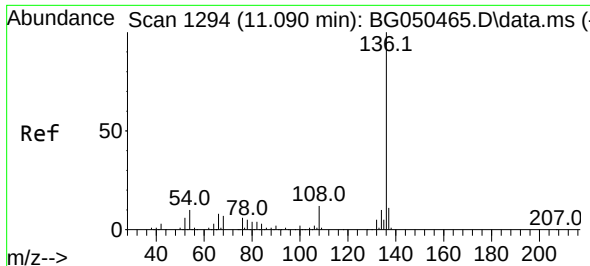
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 115144 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 56.7  | 54.5  | 81.7   |
| 101      | 9.1   | 9.0   | 13.6   |
| 130      | 16.5  | 17.0  | 25.6   |



#20  
3+4-Methylphenols  
Concen: 44.698 ng  
RT: 9.010 min Scan# 940  
Delta R.T. -0.006 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 157584 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 86.1  | 69.3  | 109.3  |
| 77       | 40.6  | 25.2  | 65.2   |
| 79       | 32.8  | 15.1  | 55.1   |

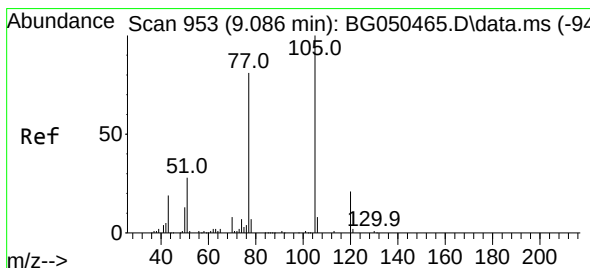
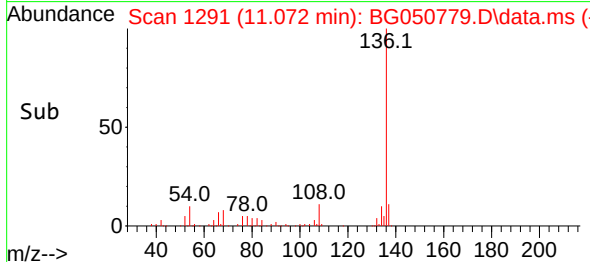
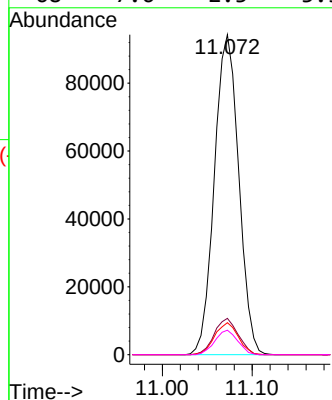
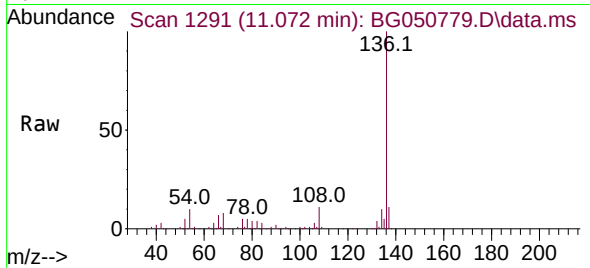




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.072 min Scan# 1291  
Delta R.T. -0.012 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

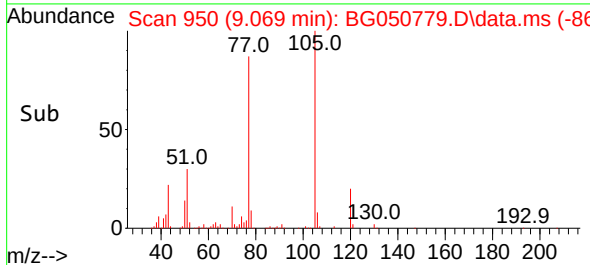
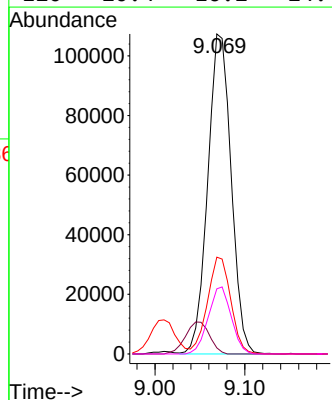
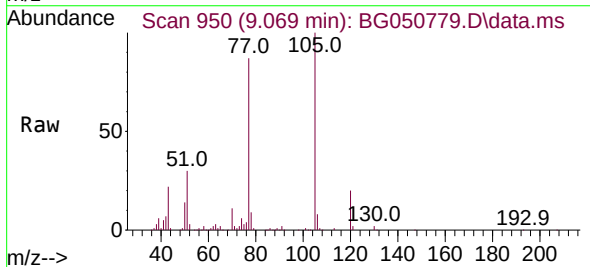
Instrument :  
BNA\_F  
ClientSampleId :  
PB140340BS

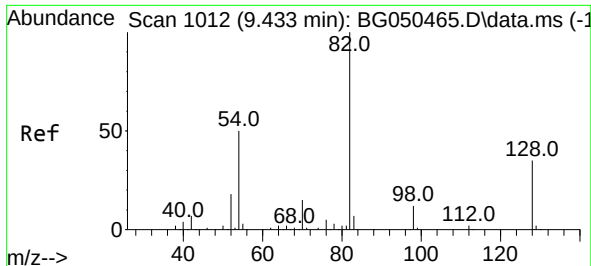
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 177289 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.3  | 8.2   | 12.2   |
| 54       | 10.0  | 5.5   | 8.3#   |
| 68       | 7.6   | 2.3   | 3.5#   |



#22  
Acetophenone  
Concen: 38.561 ng  
RT: 9.069 min Scan# 950  
Delta R.T. -0.018 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 194360 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 1.9   | 0.6   | 0.8#   |
| 51       | 30.2  | 26.6  | 40.0   |
| 120      | 20.4  | 16.2  | 24.4   |





#23

Nitrobenzene-d5

Concen: 71.551 ng

RT: 9.421 min Scan# 1010

Delta R.T. -0.006 min

Lab File: BG050779.D

Acq: 29 Oct 2021 15:50

Tgt Ion: 82 Resp: 306435

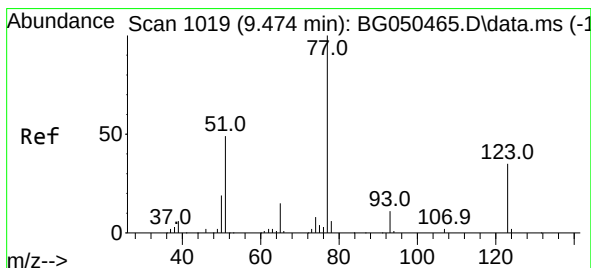
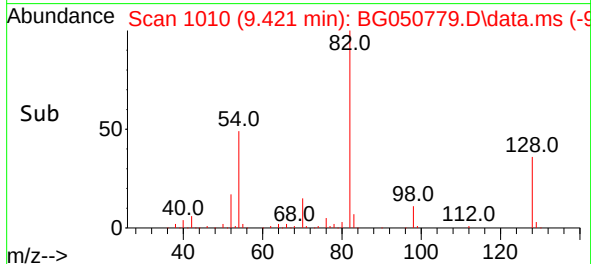
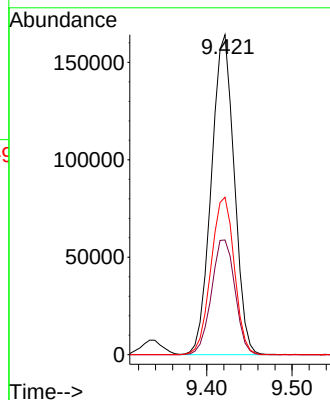
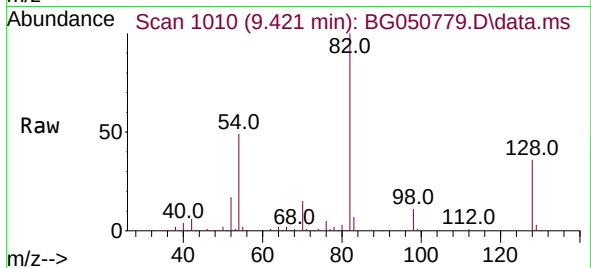
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 35.9  | 29.8  | 44.6  |
| 54  | 49.2  | 45.8  | 68.8  |

Instrument :

BNA\_F

ClientSampleId :

PB140340BS



#24

Nitrobenzene

Concen: 39.142 ng

RT: 9.463 min Scan# 1017

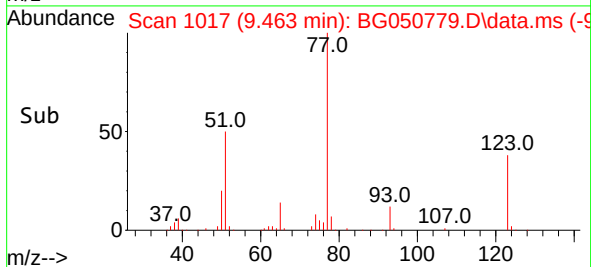
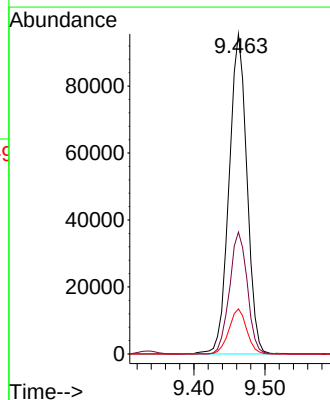
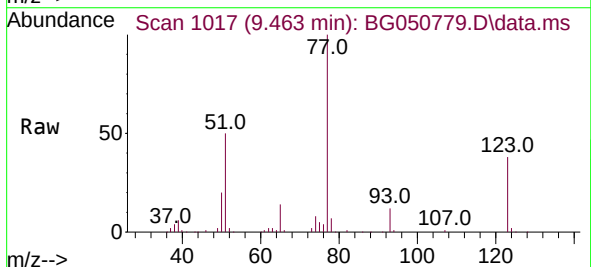
Delta R.T. -0.012 min

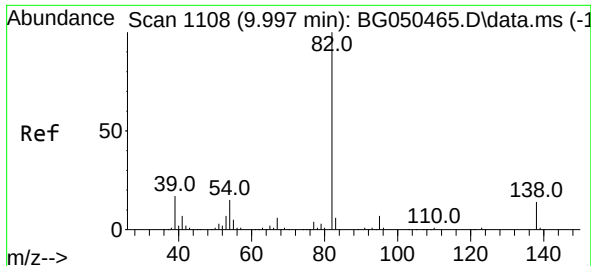
Lab File: BG050779.D

Acq: 29 Oct 2021 15:50

Tgt Ion: 77 Resp: 166686

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 38.1  | 27.5  | 41.3  |
| 65  | 14.1  | 12.6  | 18.8  |

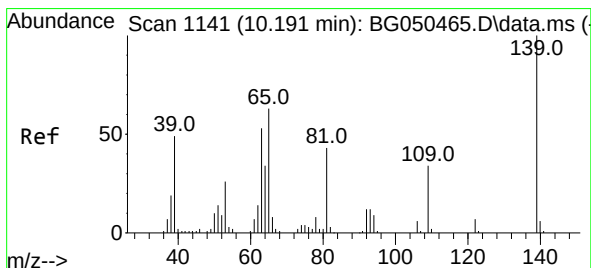
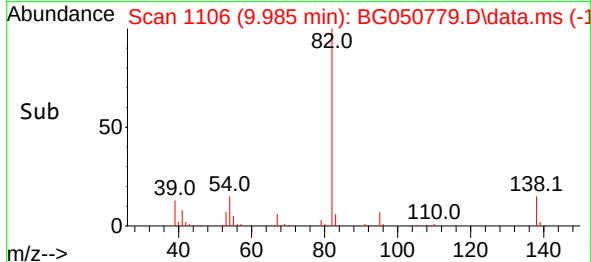
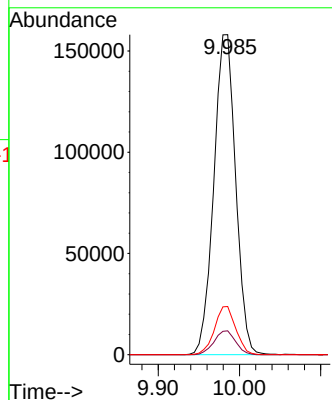
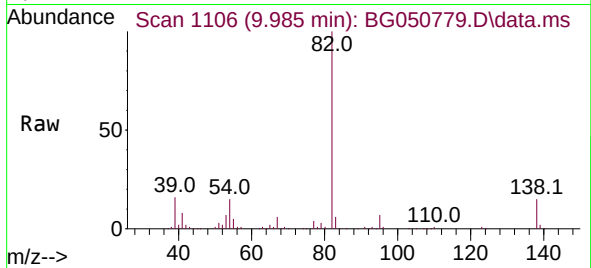




#25  
Isophorone  
Concen: 38.882 ng  
RT: 9.985 min Scan# 1106  
Delta R.T. -0.006 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

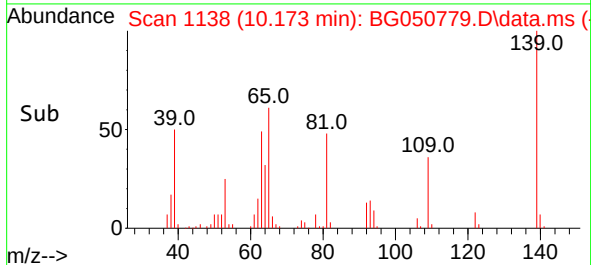
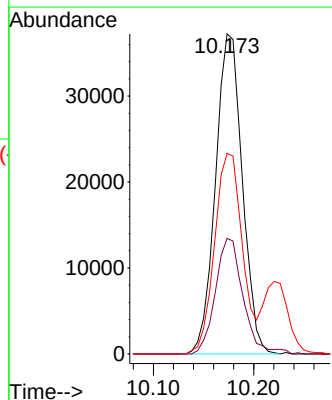
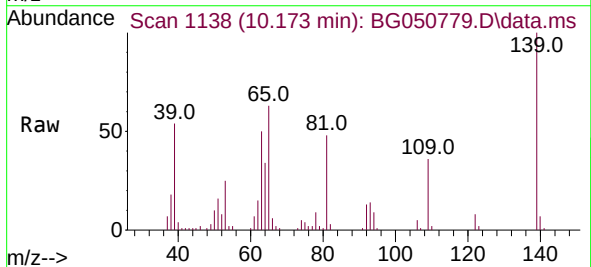
Instrument :  
BNA\_F  
ClientSampleId :  
PB140340BS

Tgt Ion: 82 Resp: 295362  
Ion Ratio Lower Upper  
82 100  
95 7.4 8.5 12.7#  
138 15.1 11.8 17.6

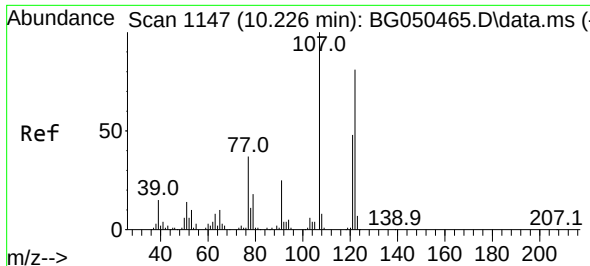


#26  
2-Nitrophenol  
Concen: 44.127 ng  
RT: 10.173 min Scan# 1138  
Delta R.T. -0.012 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

Tgt Ion:139 Resp: 69000  
Ion Ratio Lower Upper  
139 100  
109 36.1 37.8 56.6#  
65 62.7 51.8 77.8



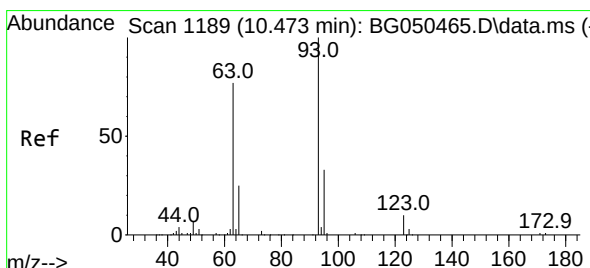
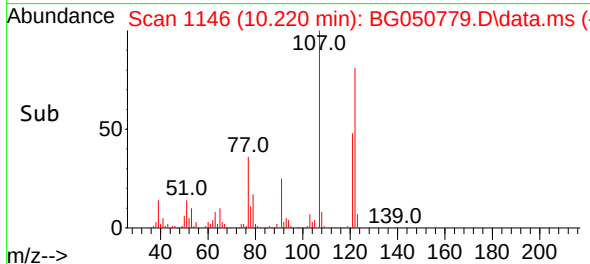
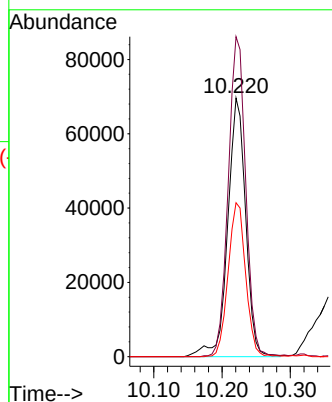
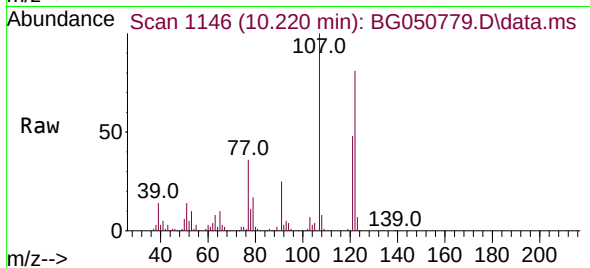




#27  
2,4-Dimethylphenol  
Concen: 47.073 ng  
RT: 10.220 min Scan# 1146  
Delta R.T. -0.012 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

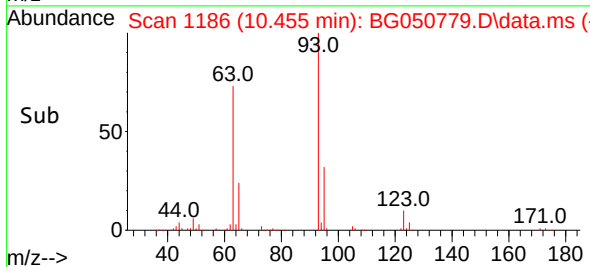
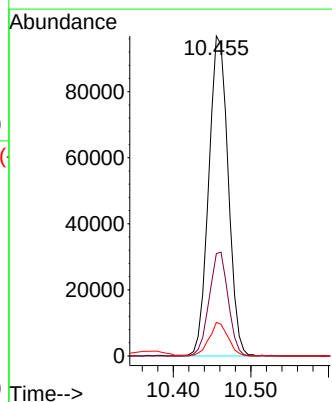
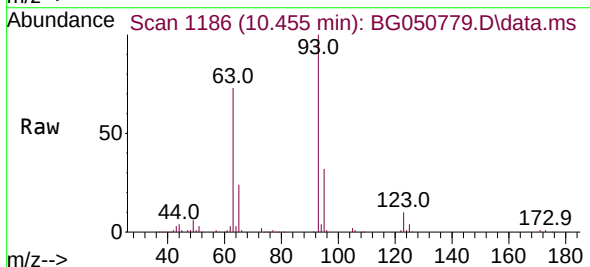
Instrument :  
BNA\_F  
ClientSampleId :  
PB140340BS

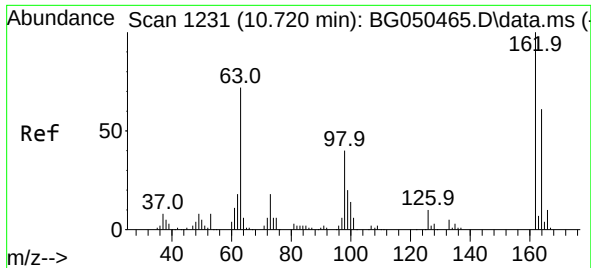
Tgt Ion:122 Resp: 127168  
Ion Ratio Lower Upper  
122 100  
107 123.7 110.1 165.1  
121 59.5 49.0 73.6



#28  
bis(2-Chloroethoxy)methane  
Concen: 38.798 ng  
RT: 10.455 min Scan# 1186  
Delta R.T. -0.018 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

Tgt Ion: 93 Resp: 168519  
Ion Ratio Lower Upper  
93 100  
95 32.0 22.2 33.4  
123 10.5 8.8 13.2

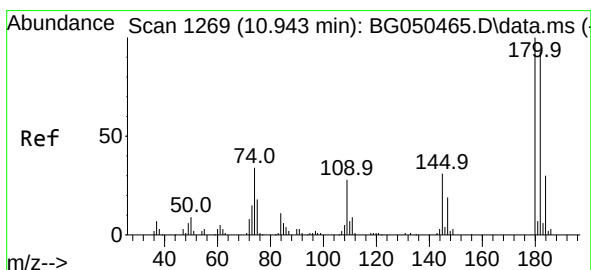
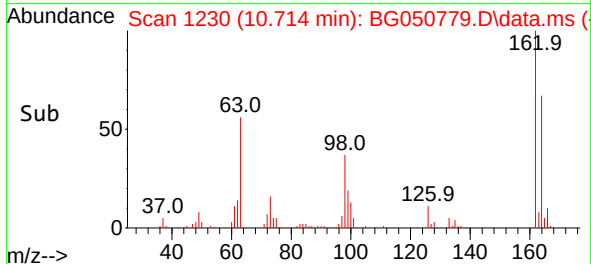
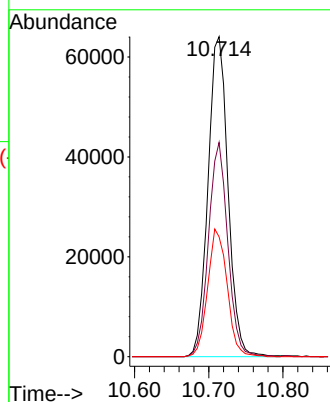
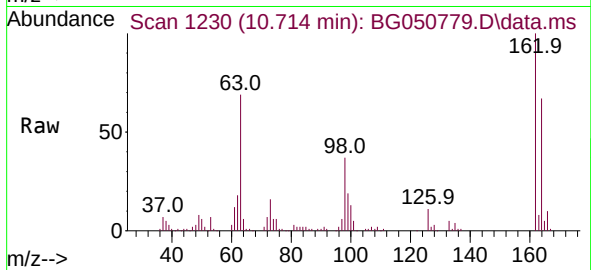




#29  
2,4-Dichlorophenol  
Concen: 43.672 ng  
RT: 10.714 min Scan# 1230  
Delta R.T. -0.006 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

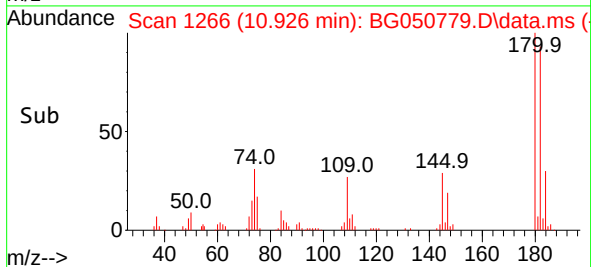
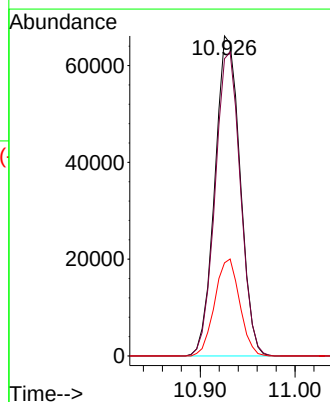
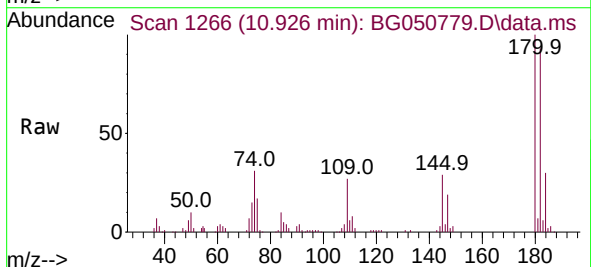
Instrument :  
BNA\_F  
ClientSampleId :  
PB140340BS

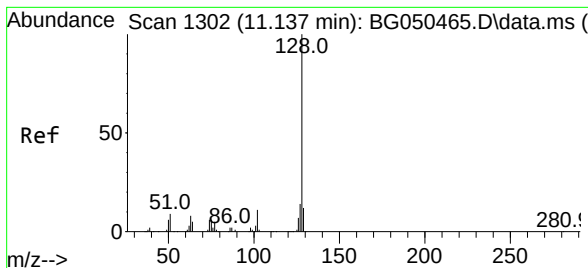
Tgt Ion:162 Resp: 120250  
Ion Ratio Lower Upper  
162 100  
164 66.9 39.4 79.4  
98 37.5 18.7 58.7



#30  
1,2,4-Trichlorobenzene  
Concen: 39.107 ng  
RT: 10.926 min Scan# 1266  
Delta R.T. -0.018 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

Tgt Ion:180 Resp: 122320  
Ion Ratio Lower Upper  
180 100  
182 92.9 78.9 118.3  
145 29.1 26.2 39.4

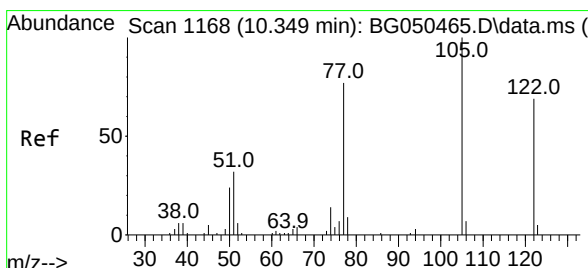
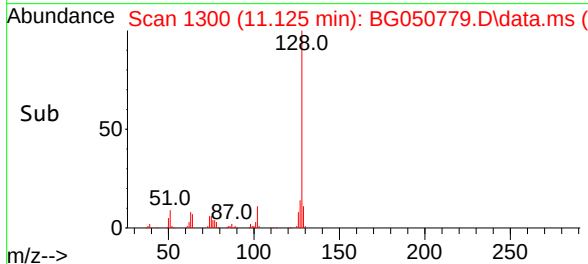
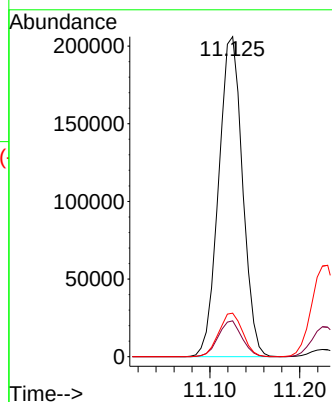
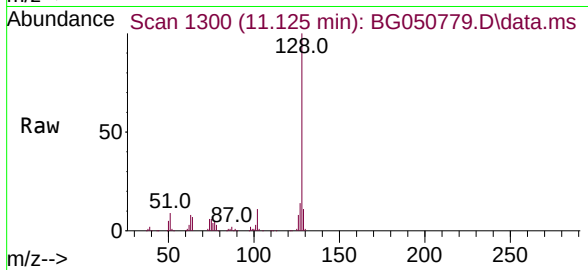




#31  
Naphthalene  
Concen: 40.106 ng  
RT: 11.125 min Scan# 1300  
Delta R.T. -0.012 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

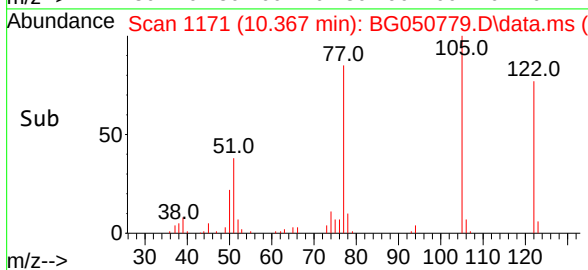
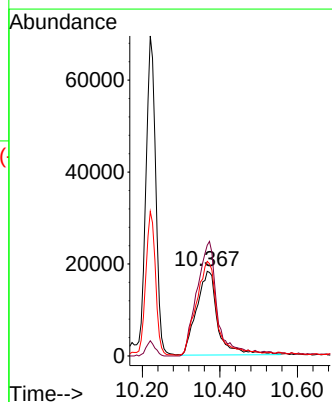
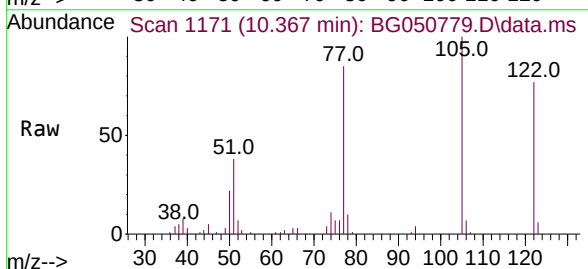
Instrument :  
BNA\_F  
ClientSampleId :  
PB140340BS

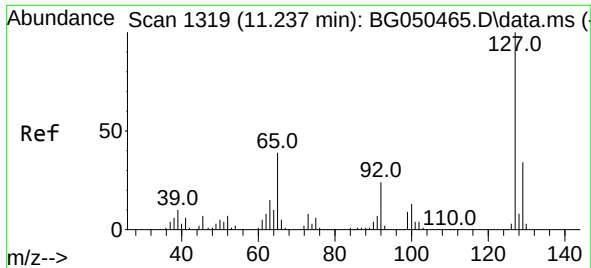
Tgt Ion:128 Resp: 380590  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.5 12.7  
127 13.6 10.2 15.4



#32  
Benzoic acid  
Concen: 34.331 ng  
RT: 10.367 min Scan# 1171  
Delta R.T. 0.011 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

Tgt Ion:122 Resp: 68834  
Ion Ratio Lower Upper  
122 100  
105 130.6 92.3 132.3  
77 111.5 66.5 106.5#

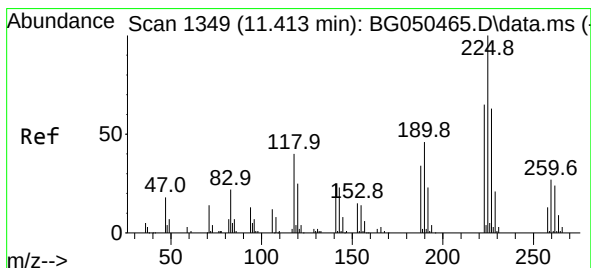
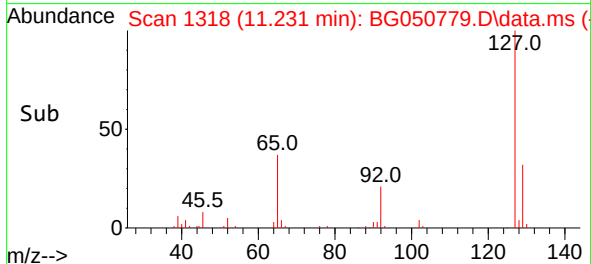
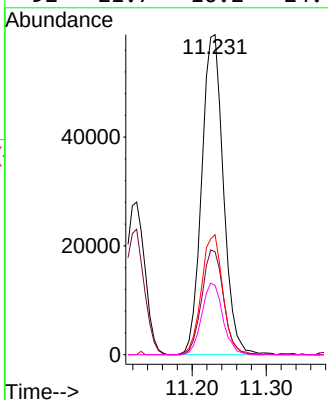
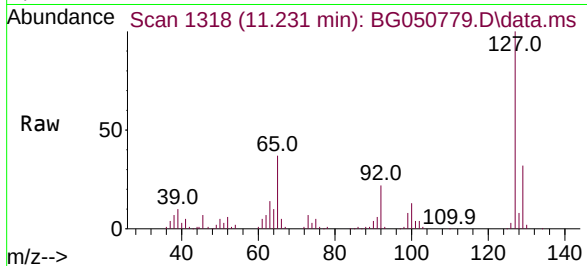




#33  
4-Chloroaniline  
Concen: 30.057 ng  
RT: 11.231 min Scan# 1318  
Delta R.T. -0.006 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

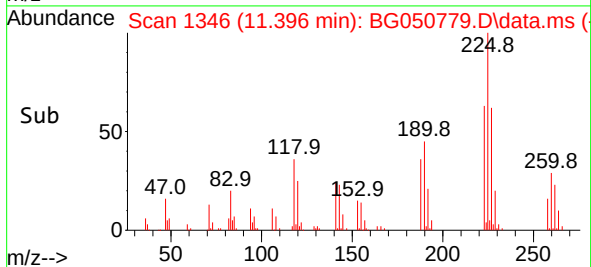
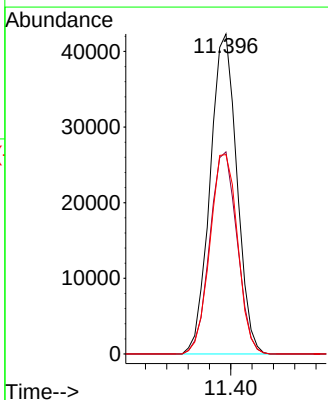
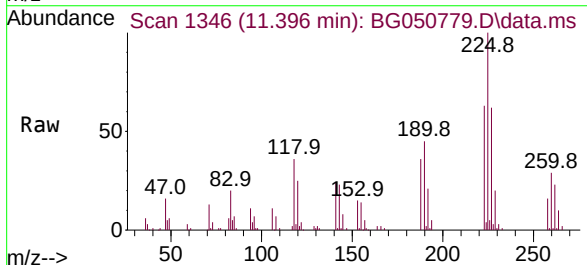
Instrument :  
BNA\_F  
ClientSampleId :  
PB140340BS

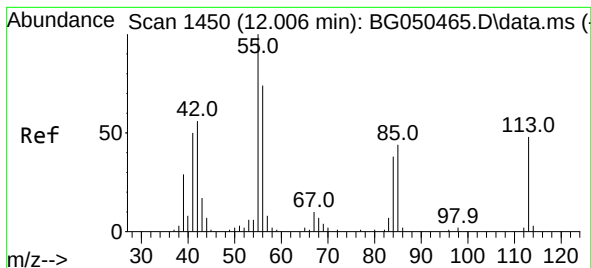
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 119673 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.2  | 26.7  | 40.1   |
| 65       | 37.5  | 32.8  | 49.2   |
| 92       | 21.7  | 16.2  | 24.4   |



#34  
Hexachlorobutadiene  
Concen: 37.510 ng  
RT: 11.396 min Scan# 1346  
Delta R.T. -0.012 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 73657 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 63.1  | 49.8  | 74.8  |
| 227      | 62.3  | 46.4  | 69.6  |

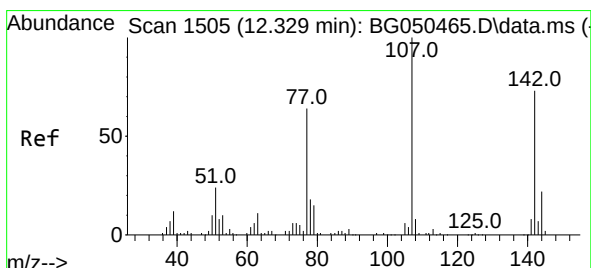
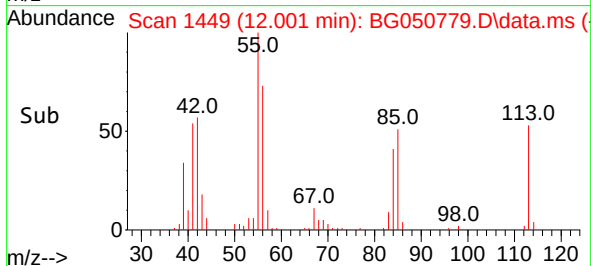
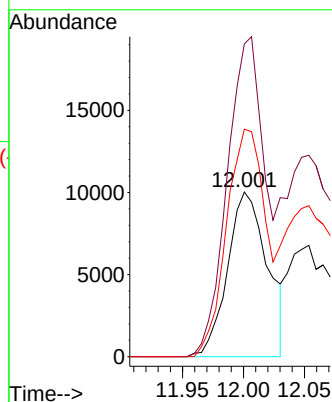
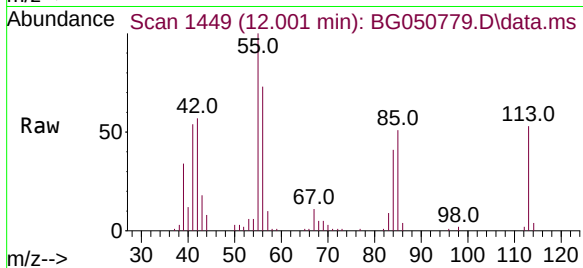




#35  
 Caprolactam  
 Concen: 21.632 ng  
 RT: 12.001 min Scan# 1449  
 Delta R.T. -0.006 min  
 Lab File: BG050779.D  
 Acq: 29 Oct 2021 15:50

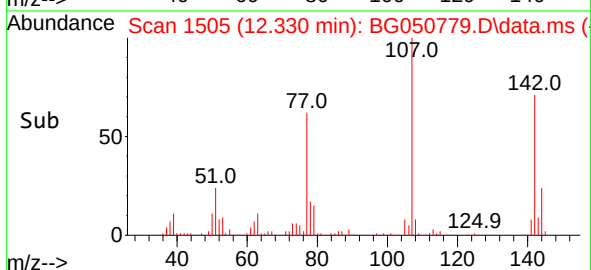
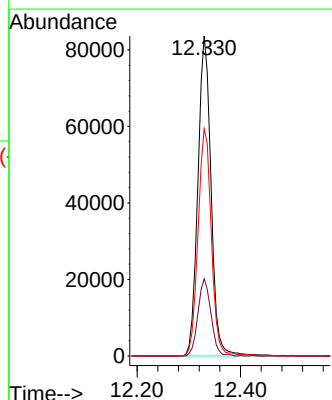
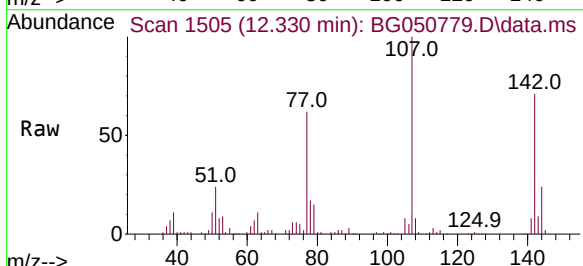
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB140340BS

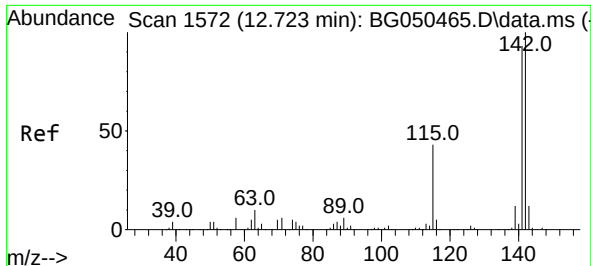
Tgt Ion:113 Resp: 22796  
 Ion Ratio Lower Upper  
 113 100  
 55 189.9 113.8 153.8#  
 56 138.2 105.6 145.6



#36  
 4-Chloro-3-methylphenol  
 Concen: 42.890 ng  
 RT: 12.330 min Scan# 1505  
 Delta R.T. -0.006 min  
 Lab File: BG050779.D  
 Acq: 29 Oct 2021 15:50

Tgt Ion:107 Resp: 147611  
 Ion Ratio Lower Upper  
 107 100  
 144 24.1 24.8 37.2#  
 142 71.0 62.2 93.4

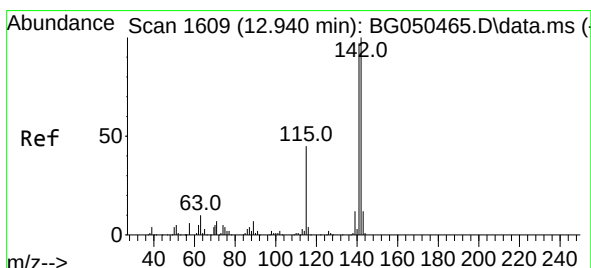
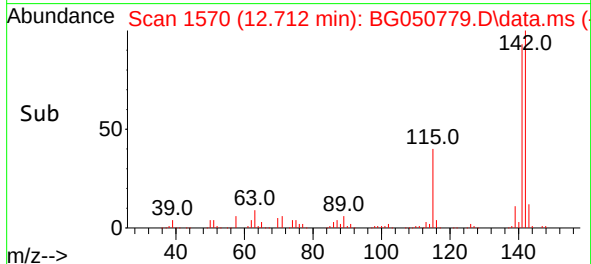
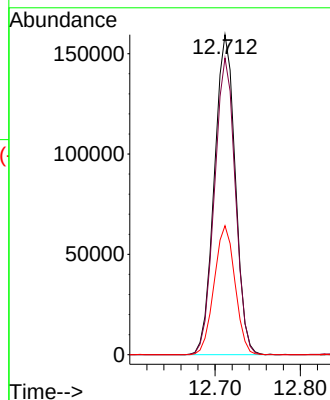
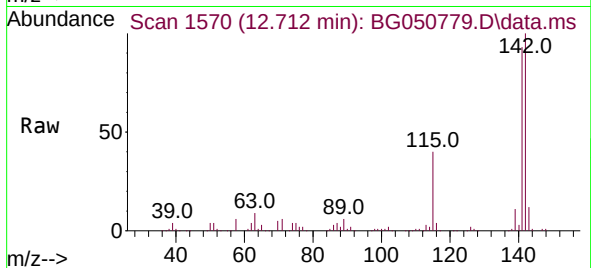




#37  
2-Methylnaphthalene  
Concen: 41.492 ng  
RT: 12.712 min Scan# 1570  
Delta R.T. -0.006 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

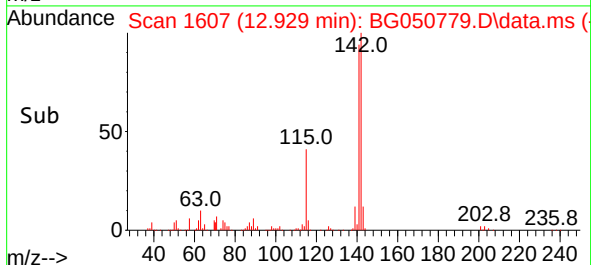
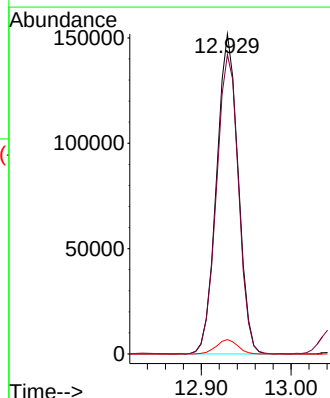
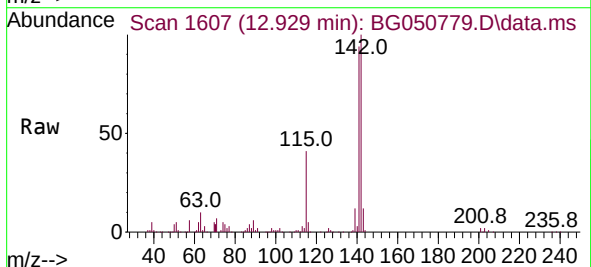
Instrument :  
BNA\_F  
ClientSampleId :  
PB140340BS

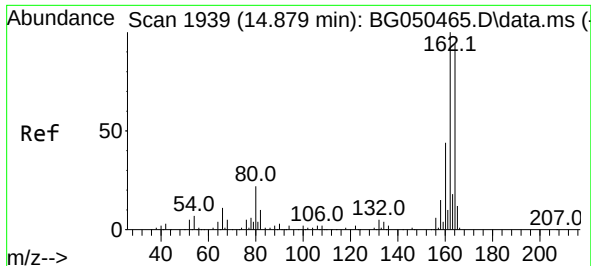
Tgt Ion:142 Resp: 271676  
Ion Ratio Lower Upper  
142 100  
141 92.7 68.8 103.2  
115 40.3 36.4 54.6



#38  
1-Methylnaphthalene  
Concen: 39.873 ng  
RT: 12.929 min Scan# 1607  
Delta R.T. -0.012 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

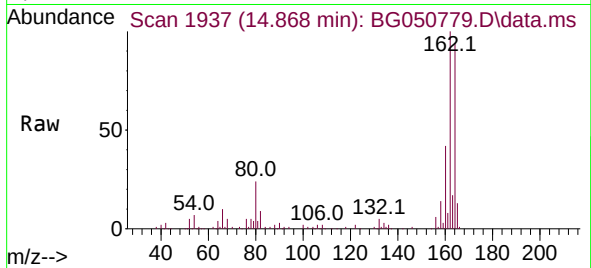
Tgt Ion:142 Resp: 253165  
Ion Ratio Lower Upper  
142 100  
141 93.6 70.6 106.0  
116 4.5 4.0 6.0



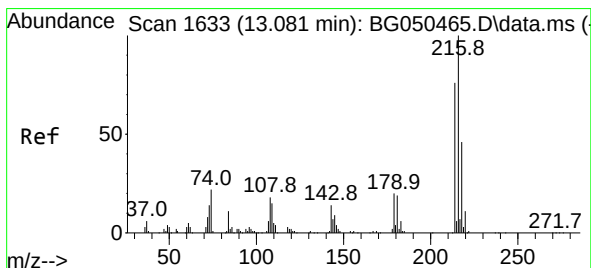
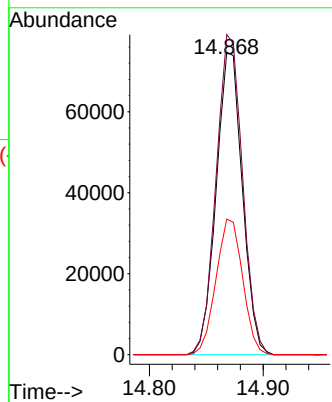
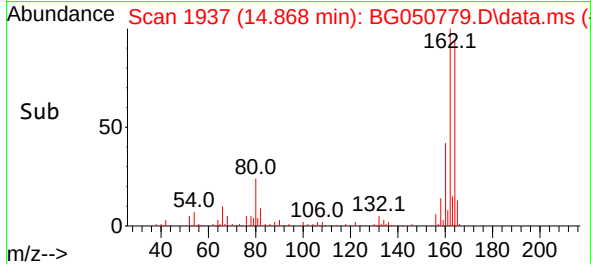


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.868 min Scan# 1937  
Delta R.T. -0.006 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

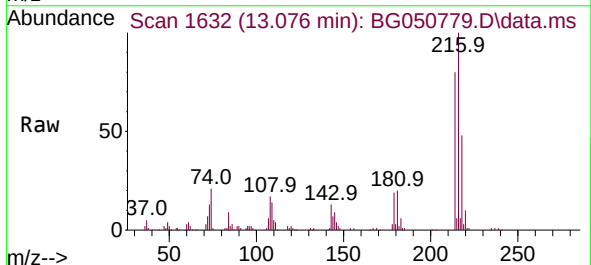
Instrument :  
BNA\_F  
ClientSampleId :  
PB140340BS



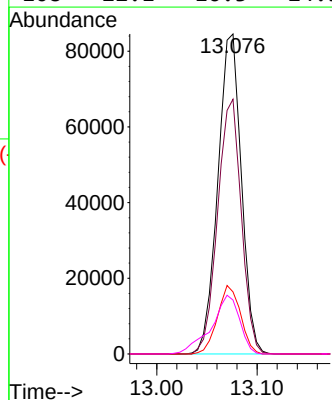
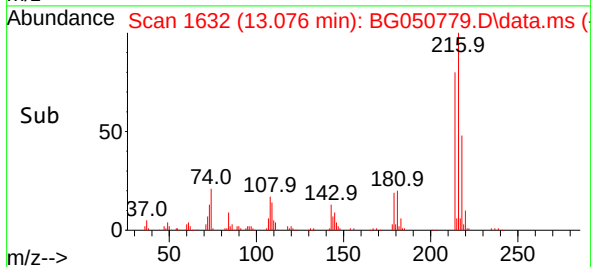
Tgt Ion:164 Resp: 119588  
Ion Ratio Lower Upper  
164 100  
162 105.8 81.4 122.0  
160 44.8 34.9 52.3

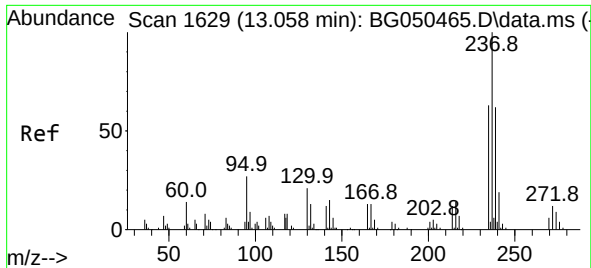


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 38.946 ng  
RT: 13.076 min Scan# 1632  
Delta R.T. -0.006 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50



Tgt Ion:216 Resp: 137537  
Ion Ratio Lower Upper  
216 100  
214 79.8 61.4 92.2  
179 21.0 17.3 25.9  
108 22.1 16.3 24.5

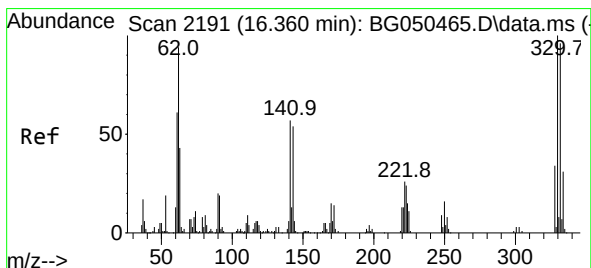
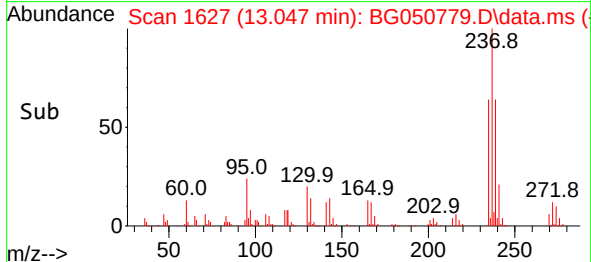
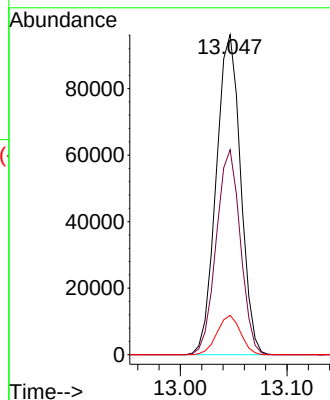
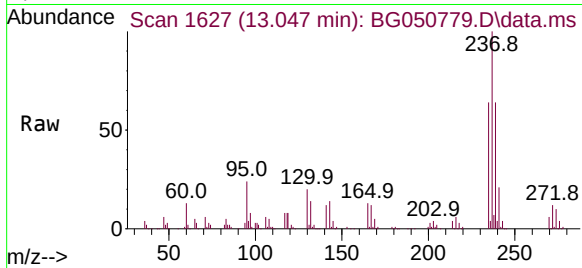




#41  
Hexachlorocyclopentadiene  
Concen: 74.854 ng  
RT: 13.047 min Scan# 1627  
Delta R.T. -0.006 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

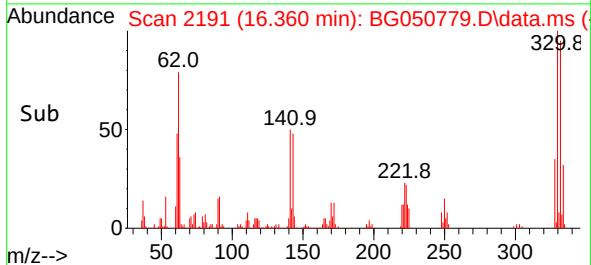
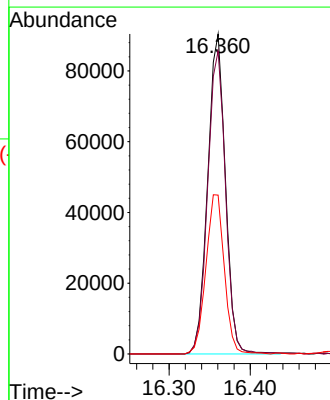
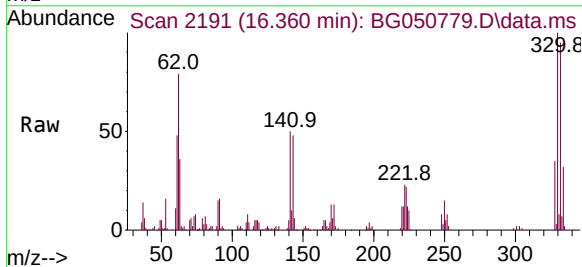
Instrument :  
BNA\_F  
ClientSampleId :  
PB140340BS

Tgt Ion:237 Resp: 152775  
Ion Ratio Lower Upper  
237 100  
235 64.1 36.6 76.6  
272 12.3 0.0 32.5

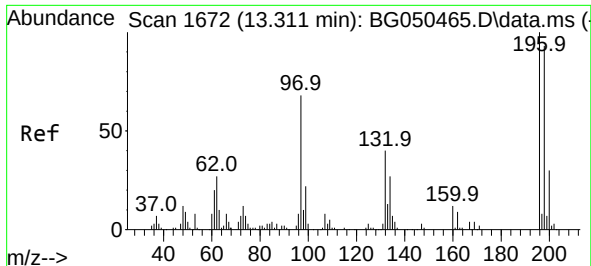


#42  
2,4,6-Tribromophenol  
Concen: 119.968 ng  
RT: 16.360 min Scan# 2191  
Delta R.T. -0.000 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

Tgt Ion:330 Resp: 136843  
Ion Ratio Lower Upper  
330 100  
332 95.3 77.3 115.9  
141 51.8 35.6 53.4



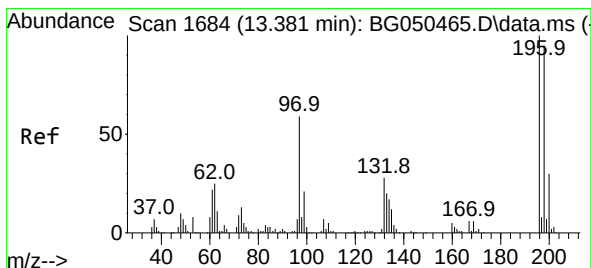
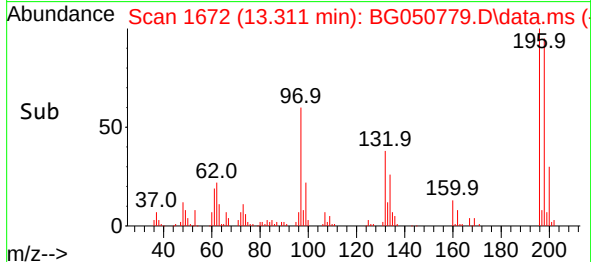
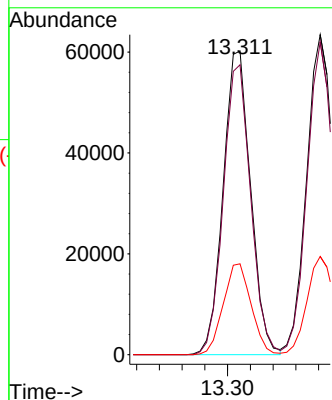
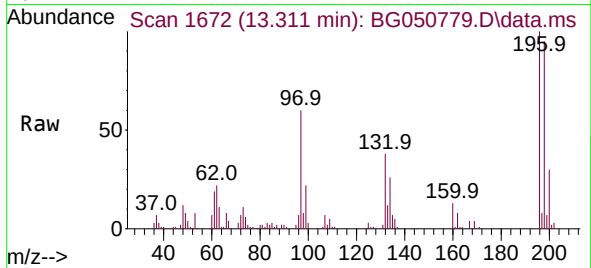




#43  
2,4,6-Trichlorophenol  
Concen: 40.707 ng  
RT: 13.311 min Scan# 1672  
Delta R.T. -0.000 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

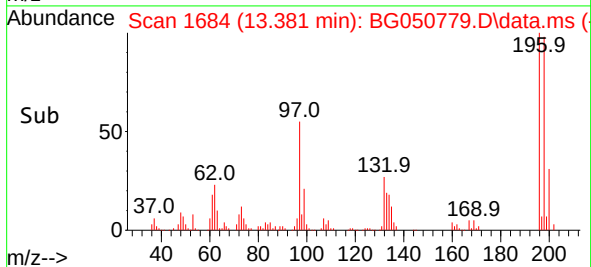
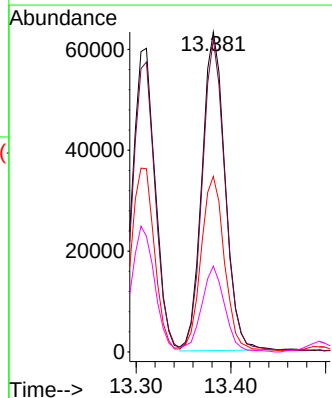
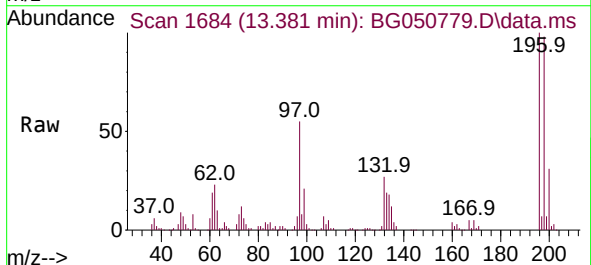
Instrument :  
BNA\_F  
ClientSampleId :  
PB140340BS

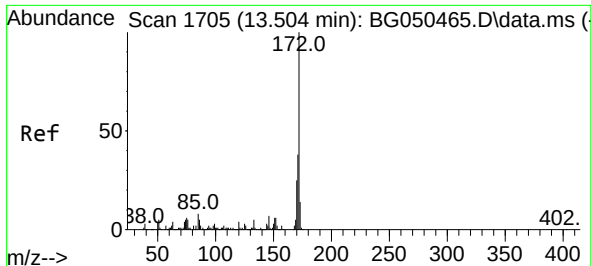
Tgt Ion:196 Resp: 101302  
Ion Ratio Lower Upper  
196 100  
198 95.5 82.1 123.1  
200 29.9 23.8 35.8



#44  
2,4,5-Trichlorophenol  
Concen: 41.294 ng  
RT: 13.381 min Scan# 1684  
Delta R.T. -0.006 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

Tgt Ion:196 Resp: 107438  
Ion Ratio Lower Upper  
196 100  
198 97.8 87.4 131.0  
97 54.9 43.3 64.9  
132 26.9 21.4 32.2

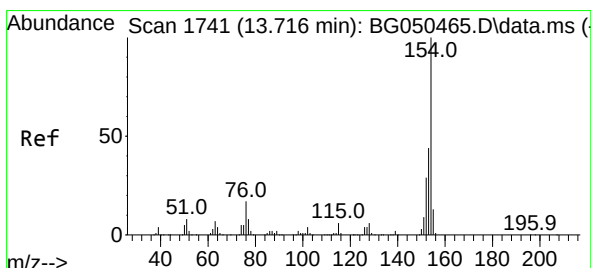
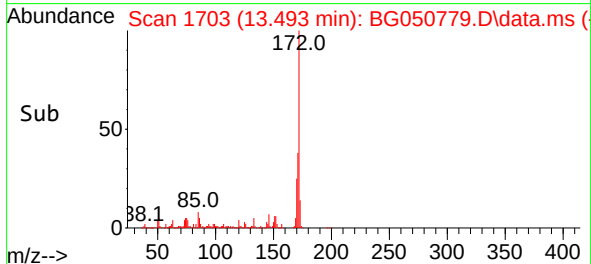
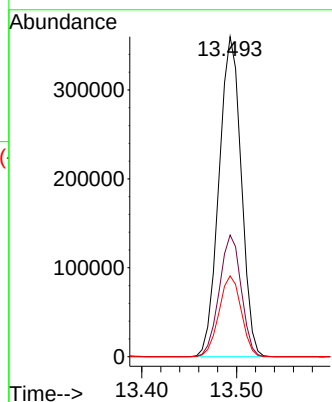
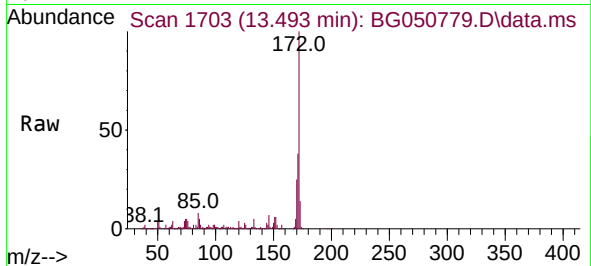




#45  
2-Fluorobiphenyl  
Concen: 73.881 ng  
RT: 13.493 min Scan# 1703  
Delta R.T. -0.012 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

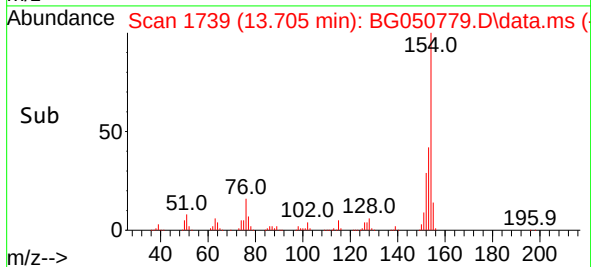
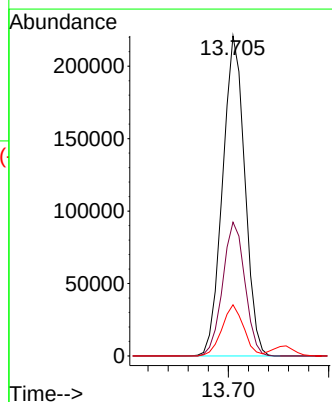
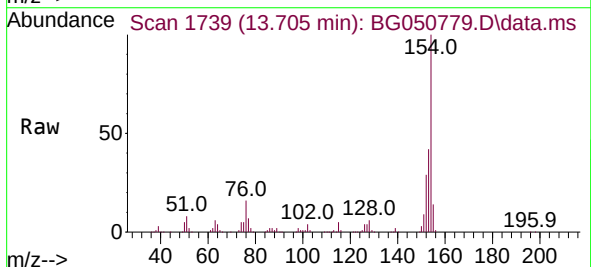
Instrument :  
BNA\_F  
ClientSampleId :  
PB140340BS

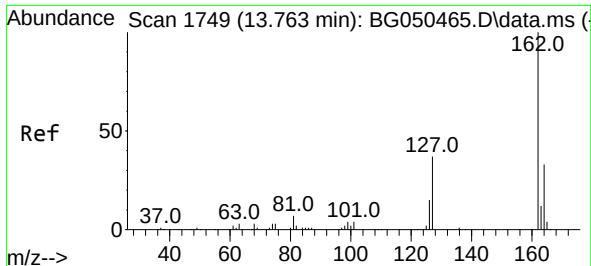
Tgt Ion:172 Resp: 587050  
Ion Ratio Lower Upper  
172 100  
171 38.0 28.6 43.0  
170 25.2 18.6 27.8



#46  
1,1'-Biphenyl  
Concen: 38.819 ng  
RT: 13.705 min Scan# 1739  
Delta R.T. -0.006 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

Tgt Ion:154 Resp: 338612  
Ion Ratio Lower Upper  
154 100  
153 41.8 20.5 60.5  
76 16.0 0.0 29.3

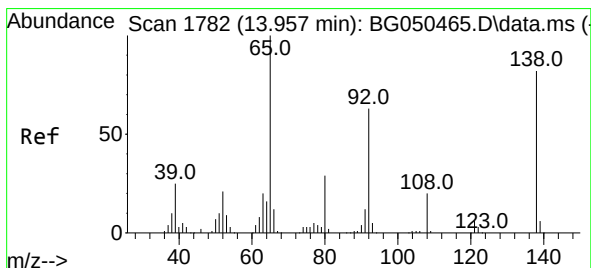
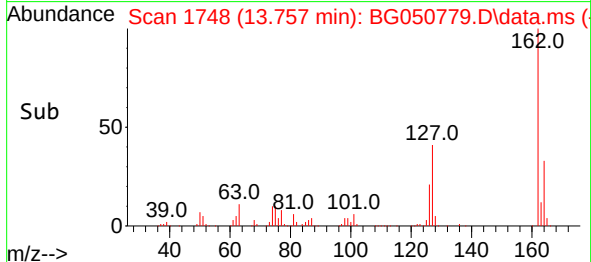
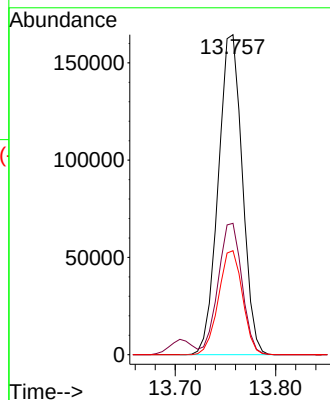
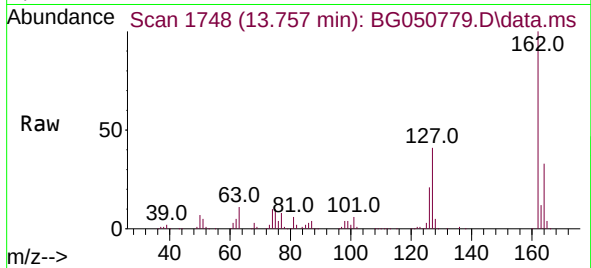




#47  
2-Chloronaphthalene  
Concen: 40.817 ng  
RT: 13.757 min Scan# 1748  
Delta R.T. -0.006 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

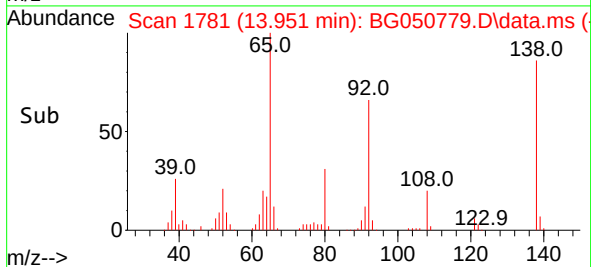
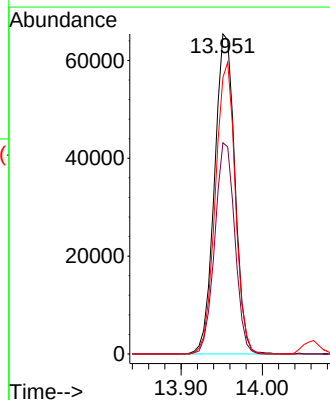
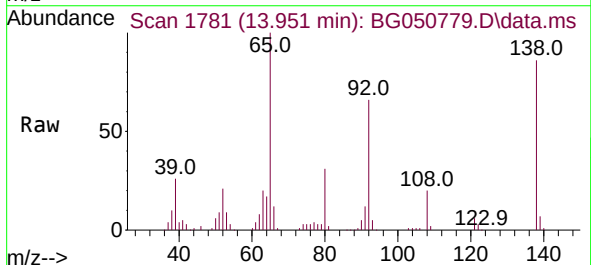
Instrument :  
BNA\_F  
ClientSampleId :  
PB140340BS

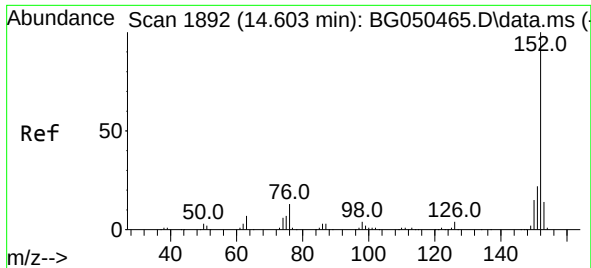
Tgt Ion:162 Resp: 273386  
Ion Ratio Lower Upper  
162 100  
127 41.1 32.7 49.1  
164 32.5 27.0 40.4



#48  
2-Nitroaniline  
Concen: 42.833 ng  
RT: 13.951 min Scan# 1781  
Delta R.T. -0.006 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

Tgt Ion: 65 Resp: 114124  
Ion Ratio Lower Upper  
65 100  
92 66.0 47.2 70.8  
138 86.4 68.0 102.0

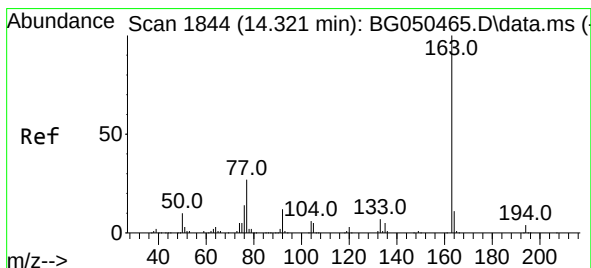
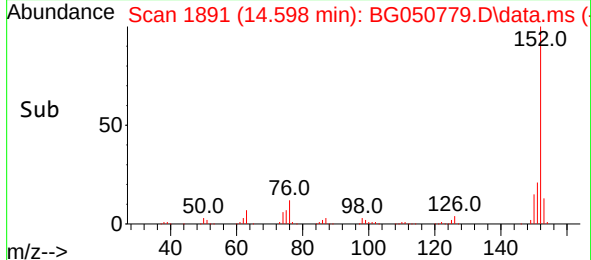
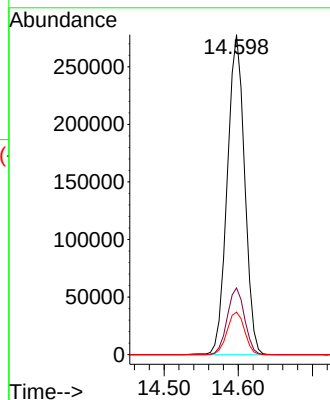
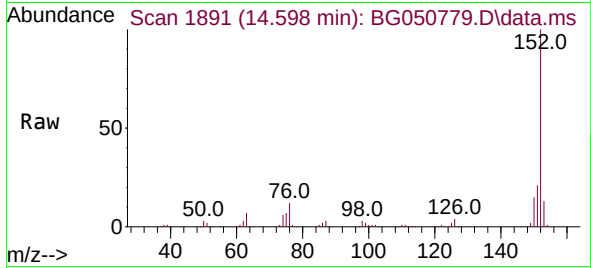




#49  
Acenaphthylene  
Concen: 41.097 ng  
RT: 14.598 min Scan# 1891  
Delta R.T. -0.006 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

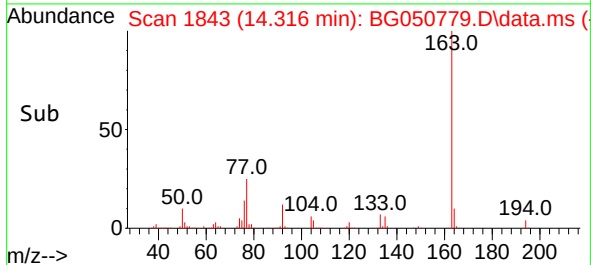
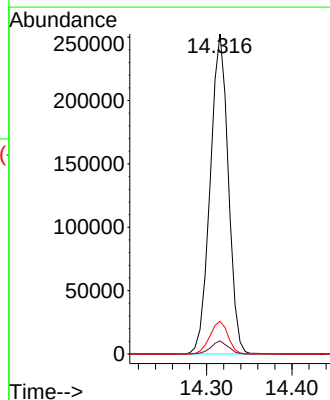
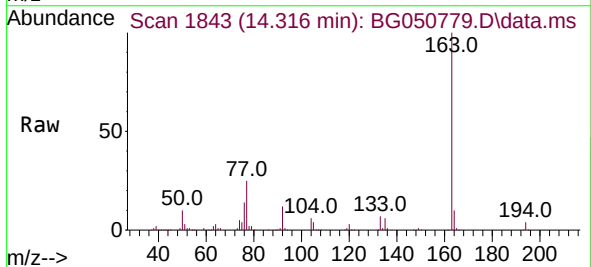
Instrument :  
BNA\_F  
ClientSampleId :  
PB140340BS

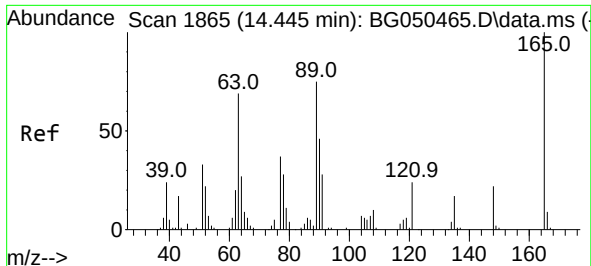
Tgt Ion:152 Resp: 451016  
Ion Ratio Lower Upper  
152 100  
151 20.8 18.2 27.4  
153 13.3 11.7 17.5



#50  
Dimethylphthalate  
Concen: 41.010 ng  
RT: 14.316 min Scan# 1843  
Delta R.T. -0.006 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

Tgt Ion:163 Resp: 370698  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.0 4.6  
164 10.2 8.6 12.8

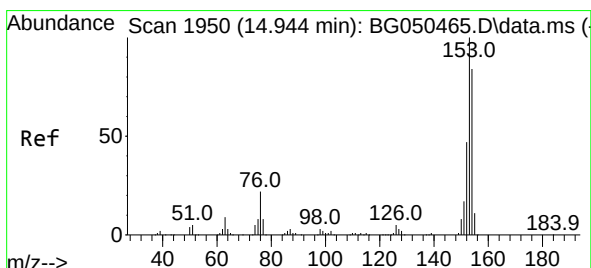
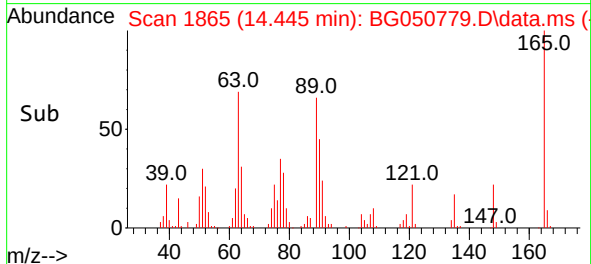
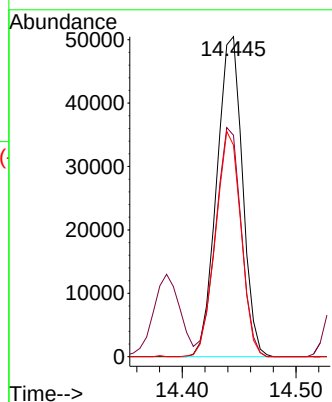
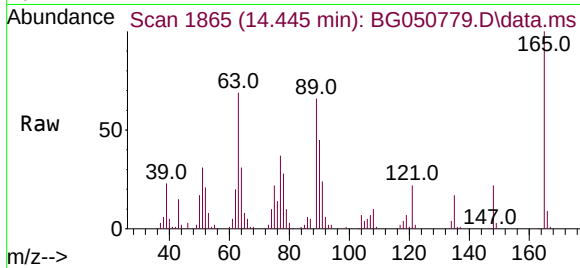




#51  
2,6-Dinitrotoluene  
Concen: 43.881 ng  
RT: 14.445 min Scan# 1865  
Delta R.T. -0.000 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

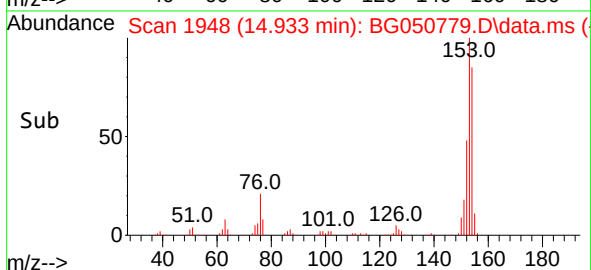
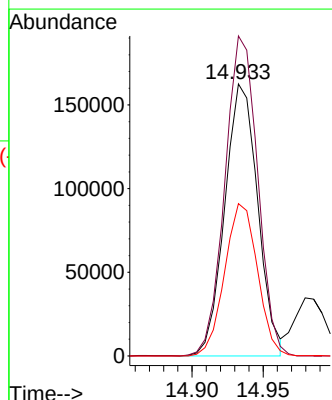
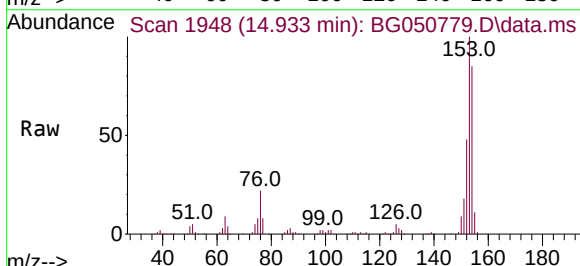
Instrument :  
BNA\_F  
ClientSampleId :  
PB140340BS

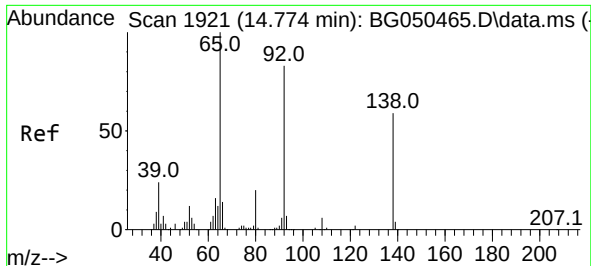
Tgt Ion:165 Resp: 79447  
Ion Ratio Lower Upper  
165 100  
63 69.2 63.3 94.9  
89 66.1 63.4 95.0



#52  
Acenaphthene  
Concen: 37.281 ng  
RT: 14.933 min Scan# 1948  
Delta R.T. -0.012 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

Tgt Ion:154 Resp: 262911  
Ion Ratio Lower Upper  
154 100  
153 117.6 87.0 130.4  
152 56.0 40.1 60.1

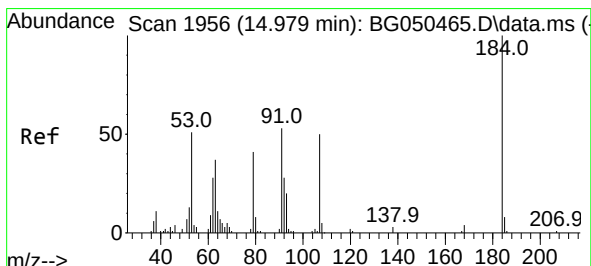
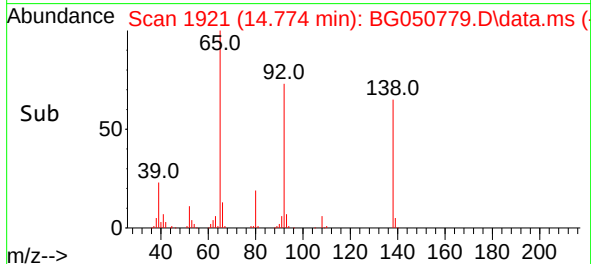
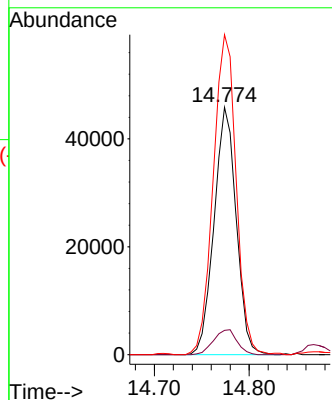
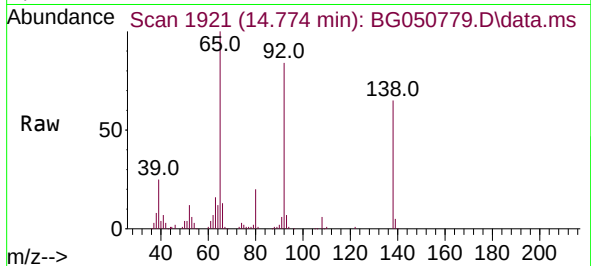




#53  
3-Nitroaniline  
Concen: 34.726 ng  
RT: 14.774 min Scan# 1921  
Delta R.T. -0.006 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

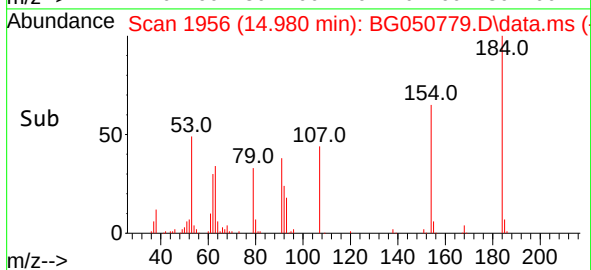
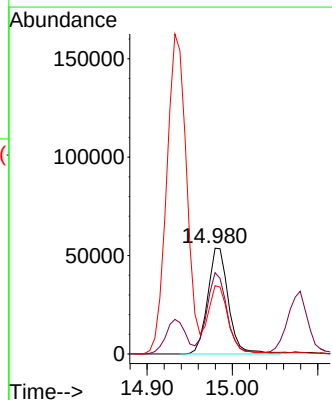
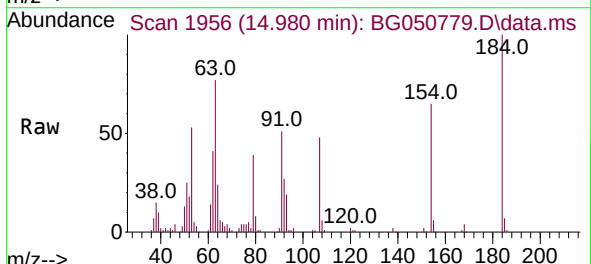
Instrument :  
BNA\_F  
ClientSampleId :  
PB140340BS

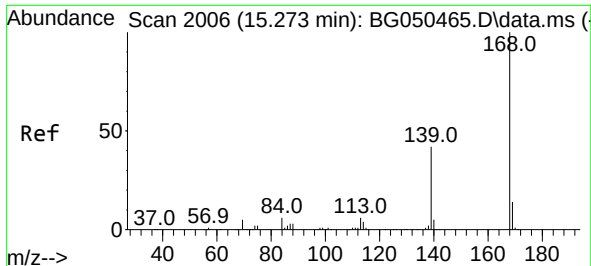
Tgt Ion:138 Resp: 74369  
Ion Ratio Lower Upper  
138 100  
108 9.9 8.3 12.5  
92 129.4 96.4 144.6



#54  
2,4-Dinitrophenol  
Concen: 80.989 ng  
RT: 14.980 min Scan# 1956  
Delta R.T. -0.000 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

Tgt Ion:184 Resp: 90966  
Ion Ratio Lower Upper  
184 100  
63 76.8 68.3 102.5  
154 64.6 62.6 93.8

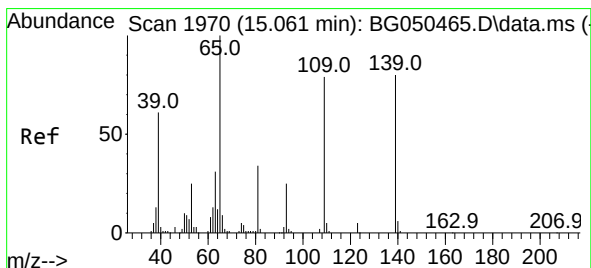
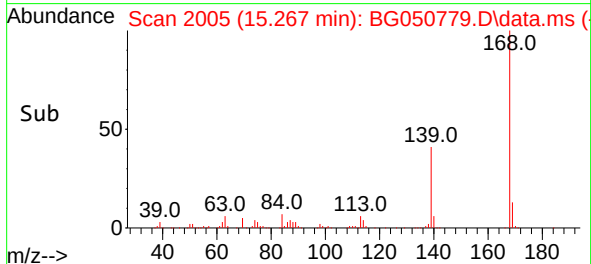
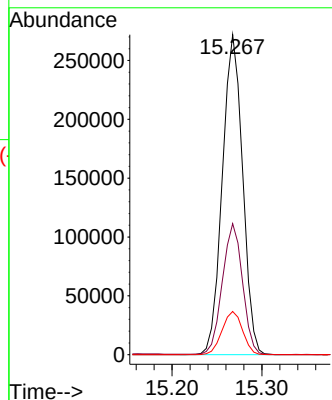
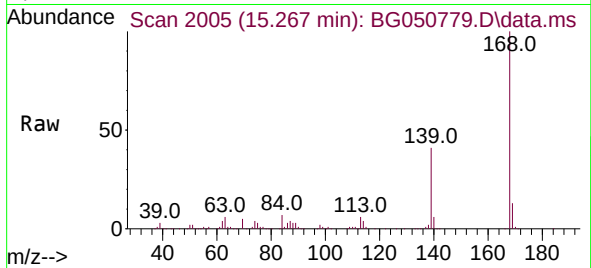




#55  
Dibenzofuran  
Concen: 39.113 ng  
RT: 15.267 min Scan# 2005  
Delta R.T. -0.006 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

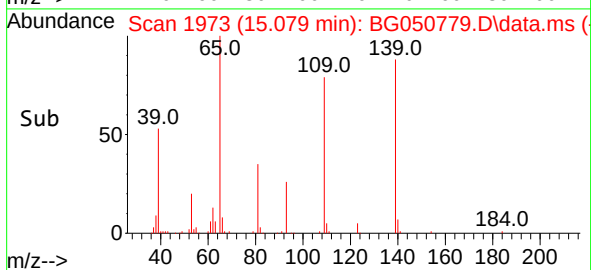
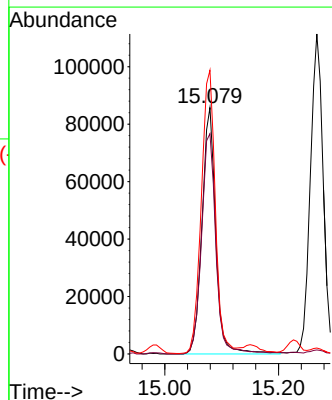
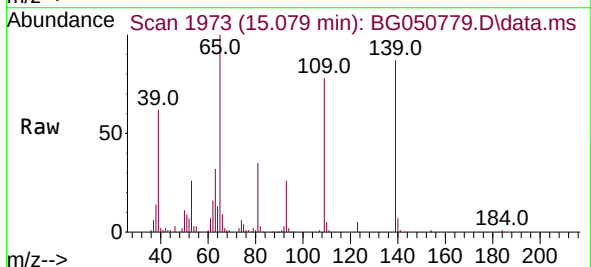
Instrument :  
BNA\_F  
ClientSampleId :  
PB140340BS

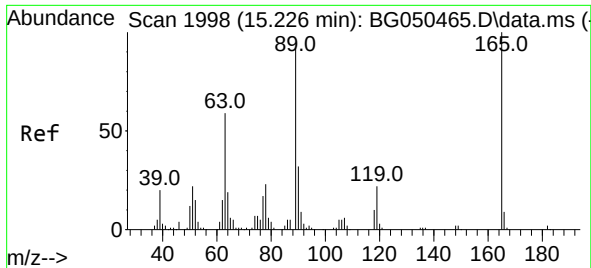
Tgt Ion:168 Resp: 426598  
Ion Ratio Lower Upper  
168 100  
139 41.0 33.4 50.2  
169 13.5 12.3 18.5



#56  
4-Nitrophenol  
Concen: 83.688 ng  
RT: 15.079 min Scan# 1973  
Delta R.T. 0.011 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

Tgt Ion:139 Resp: 144169  
Ion Ratio Lower Upper  
139 100  
109 89.5 116.3 156.3#  
65 115.2 105.0 145.0

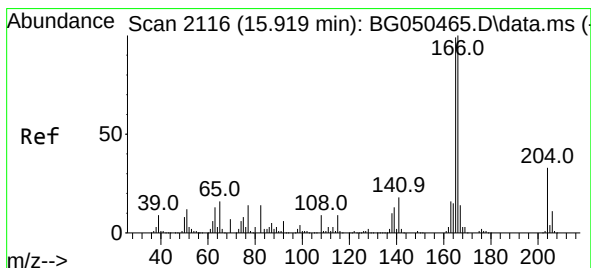
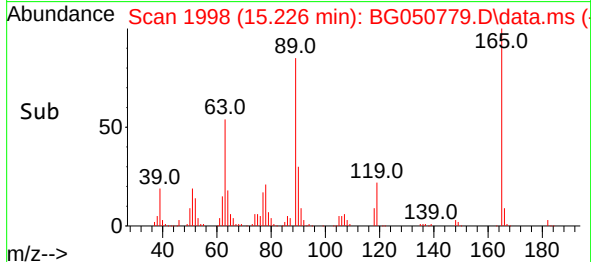
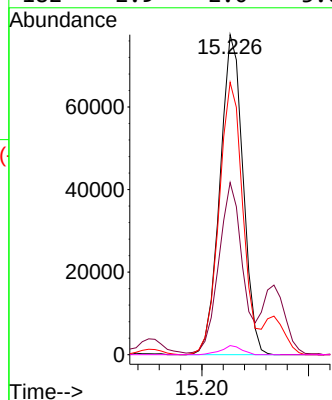
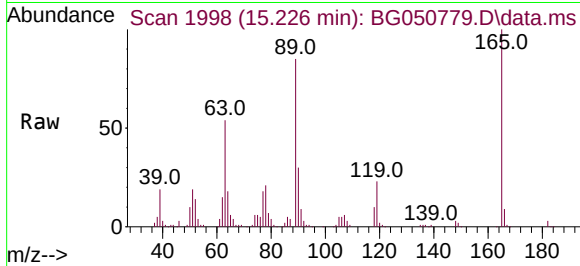




#57  
2,4-Dinitrotoluene  
Concen: 45.599 ng  
RT: 15.226 min Scan# 1998  
Delta R.T. -0.000 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

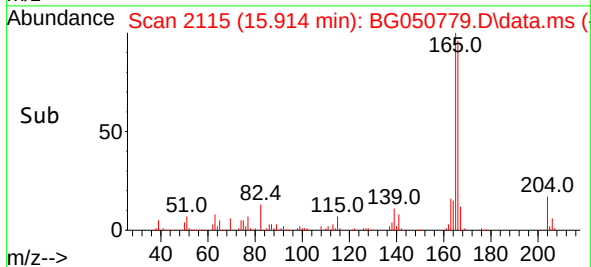
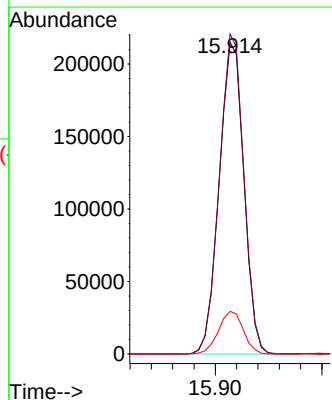
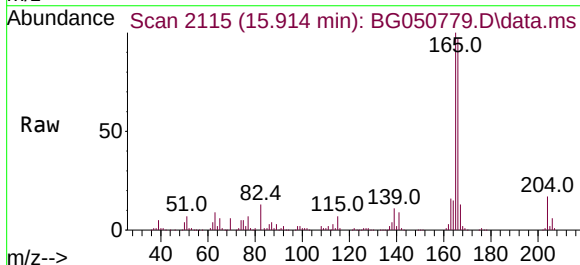
Instrument :  
BNA\_F  
ClientSampleId :  
PB140340BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 116365 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 53.8  | 48.0  | 72.0   |
| 89        | 85.1  | 65.4  | 98.0   |
| 182       | 2.9   | 2.0   | 3.0    |

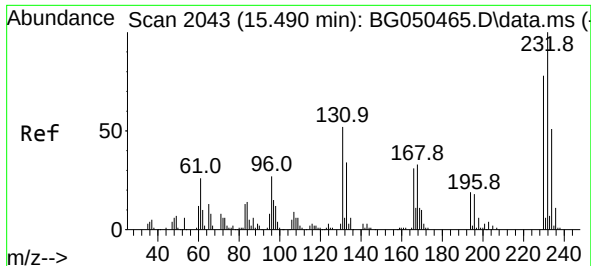


#58  
Fluorene  
Concen: 41.087 ng  
RT: 15.914 min Scan# 2115  
Delta R.T. -0.006 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 344217 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 102.7 | 77.7  | 116.5  |
| 167       | 13.7  | 10.8  | 16.2   |



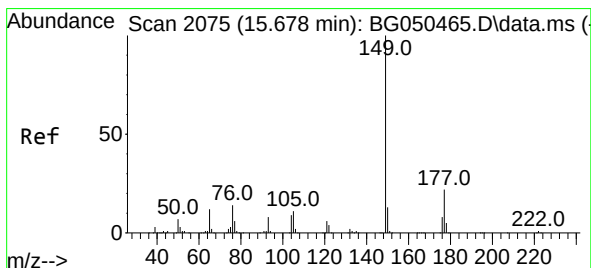
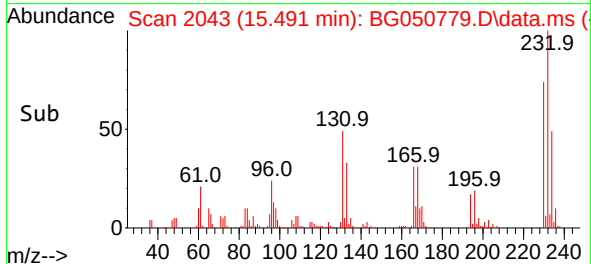
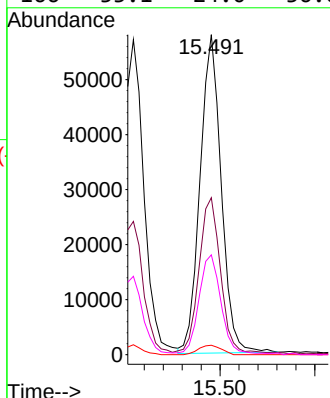
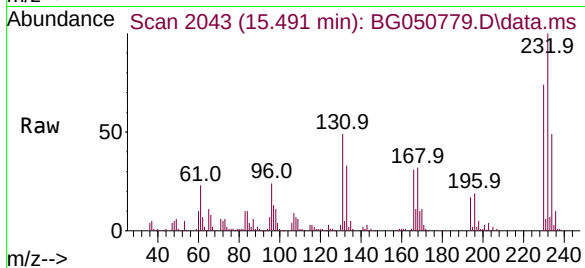




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 39.578 ng  
RT: 15.491 min Scan# 2043  
Delta R.T. -0.000 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

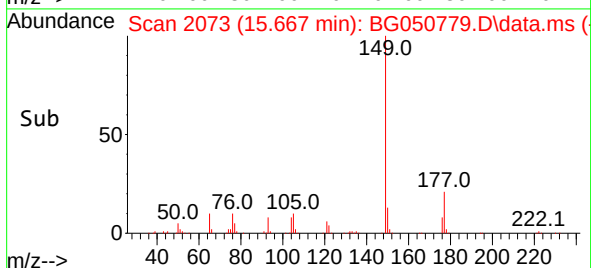
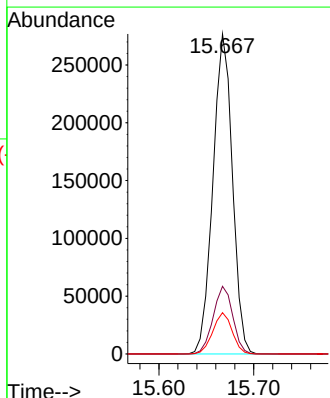
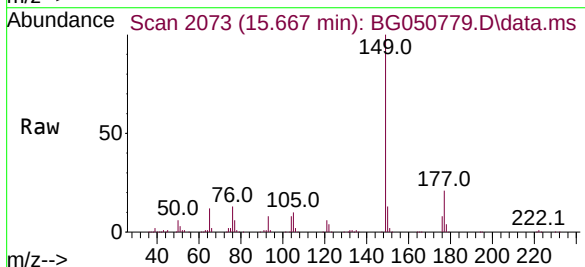
Instrument :  
BNA\_F  
ClientSampleId :  
PB140340BS

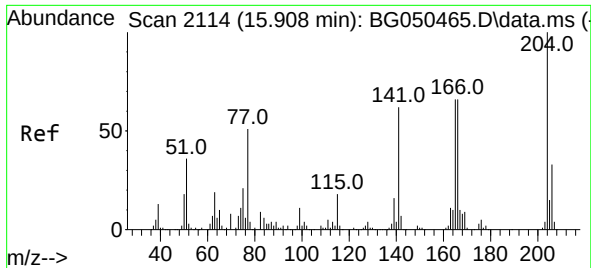
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 232   | Resp: | 89698 |
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 50.6  | 37.2  | 55.8  |
| 130       | 3.2   | 2.8   | 4.2   |
| 166       | 33.1  | 24.0  | 36.0  |



#60  
Diethylphthalate  
Concen: 41.565 ng  
RT: 15.667 min Scan# 2073  
Delta R.T. -0.006 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 394761 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 21.1  | 19.0  | 28.6   |
| 150       | 12.9  | 10.2  | 15.4   |

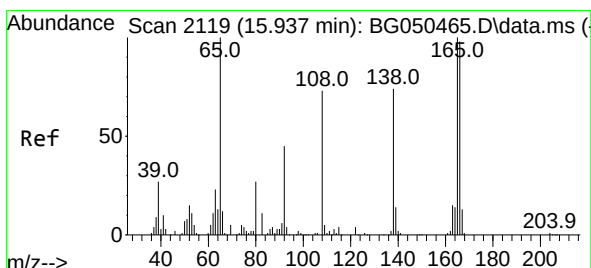
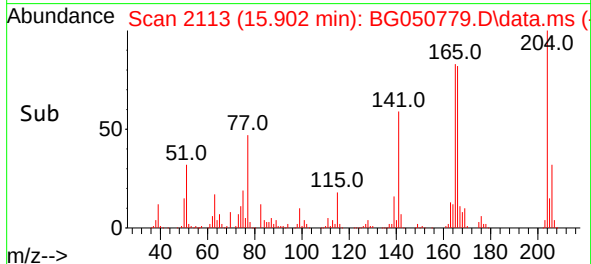
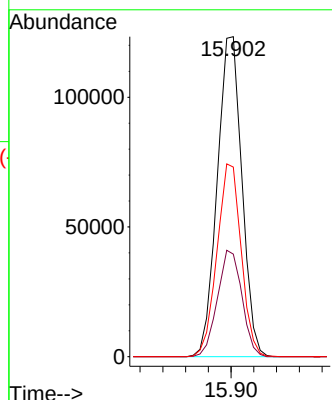
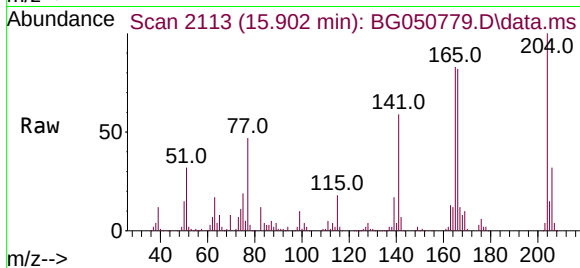




#61  
4-Chlorophenyl-phenylether  
Concen: 40.576 ng  
RT: 15.902 min Scan# 2113  
Delta R.T. -0.006 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

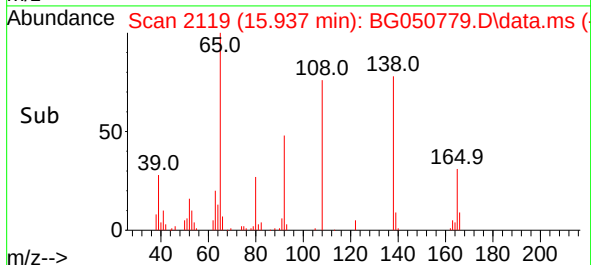
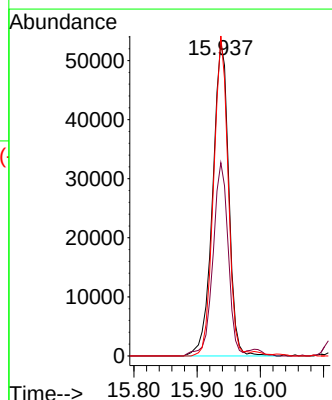
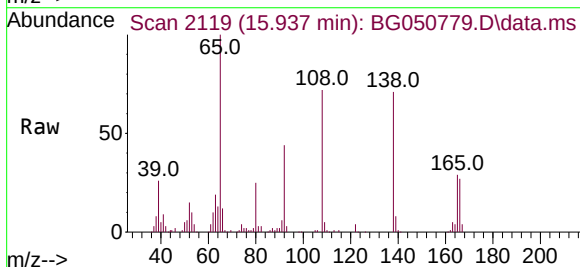
Instrument :  
BNA\_F  
ClientSampleId :  
PB140340BS

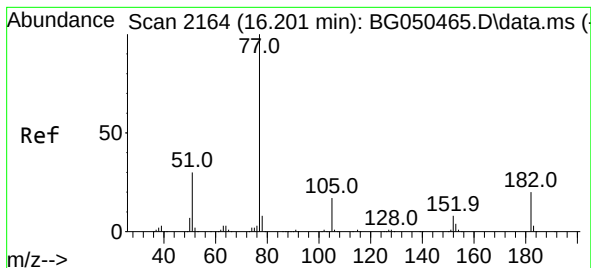
Tgt Ion:204 Resp: 185998  
Ion Ratio Lower Upper  
204 100  
206 32.1 24.6 37.0  
141 59.2 47.8 71.8



#62  
4-Nitroaniline  
Concen: 42.138 ng  
RT: 15.937 min Scan# 2119  
Delta R.T. -0.000 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

Tgt Ion:138 Resp: 93889  
Ion Ratio Lower Upper  
138 100  
92 61.6 32.3 72.3  
108 102.0 132.4 172.4#





#63

Azobenzene

Concen: 39.152 ng

RT: 16.196 min Scan# 2163

Delta R.T. -0.000 min

Lab File: BG050779.D

Acq: 29 Oct 2021 15:50

Tgt Ion: 77 Resp: 430438

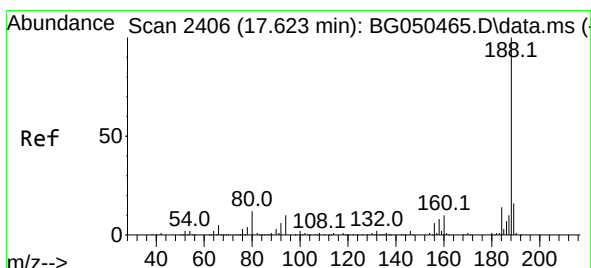
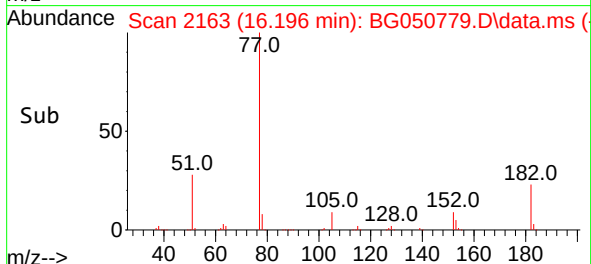
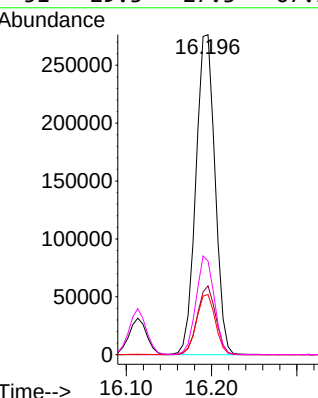
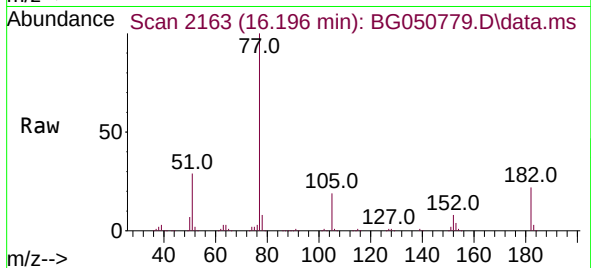
Ion Ratio Lower Upper

77 100

182 21.5 7.9 47.9

105 18.8 0.0 37.9

51 29.3 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: BG050779.D

Acq: 29 Oct 2021 15:50

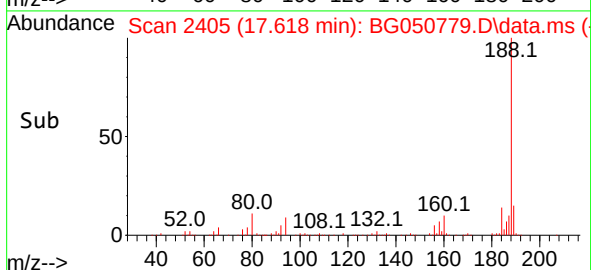
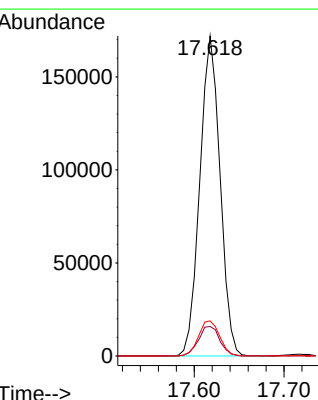
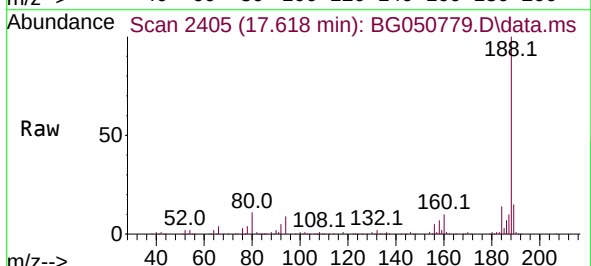
Tgt Ion: 188 Resp: 268969

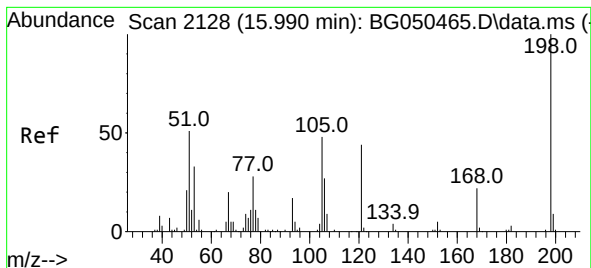
Ion Ratio Lower Upper

188 100

94 9.2 5.4 8.0#

80 11.0 3.7 5.5#

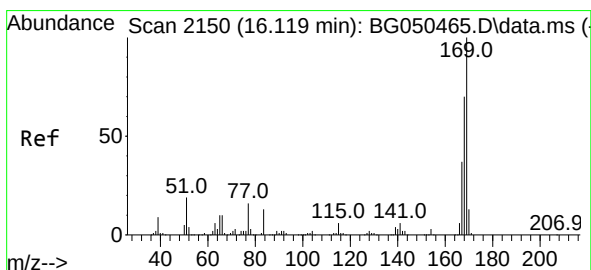
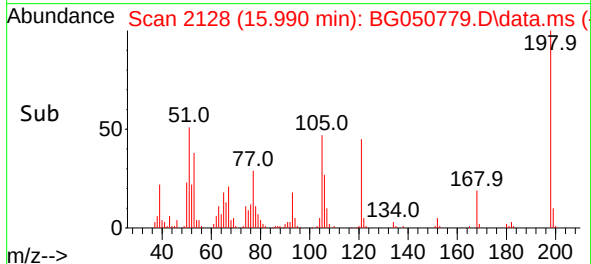
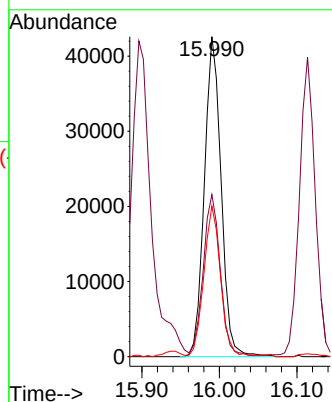
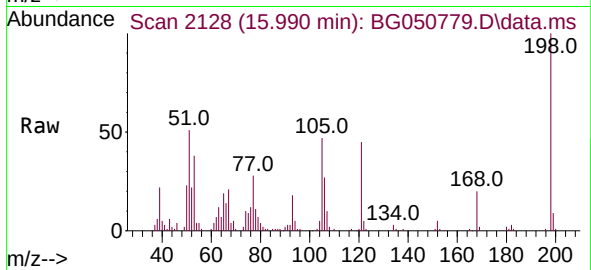




#65  
4,6-Dinitro-2-methylphenol  
Concen: 39.577 ng  
RT: 15.990 min Scan# 2128  
Delta R.T. -0.000 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

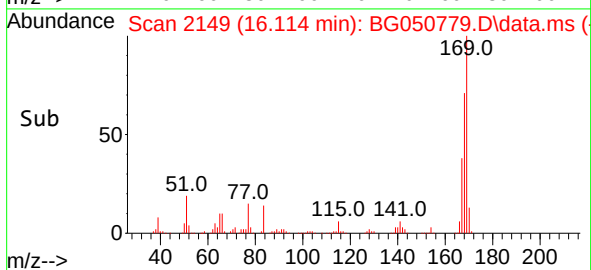
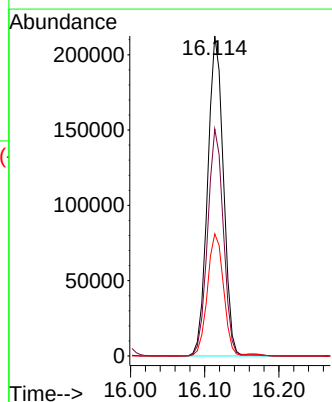
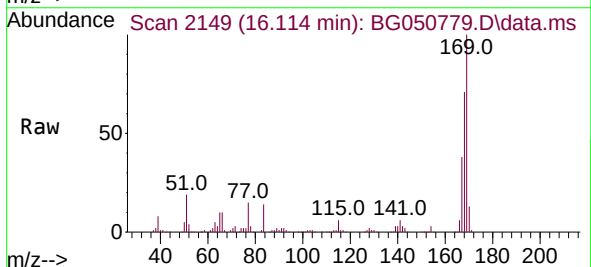
Instrument :  
BNA\_F  
ClientSampleId :  
PB140340BS

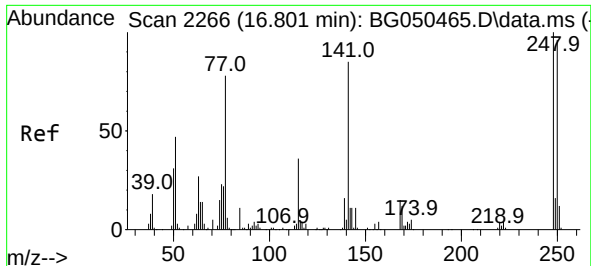
Tgt Ion:198 Resp: 63937  
Ion Ratio Lower Upper  
198 100  
51 50.6 29.4 69.4  
105 47.0 15.1 55.1



#66  
n-Nitrosodiphenylamine  
Concen: 41.115 ng  
RT: 16.114 min Scan# 2149  
Delta R.T. -0.006 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

Tgt Ion:169 Resp: 314221  
Ion Ratio Lower Upper  
169 100  
168 71.0 56.3 84.5  
167 38.1 28.4 42.6

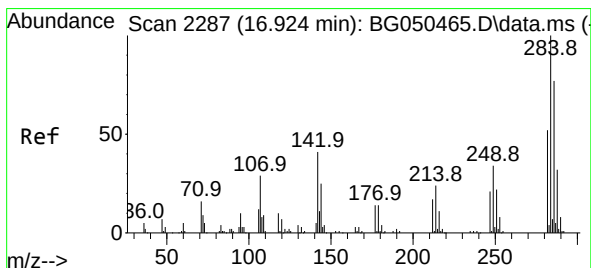
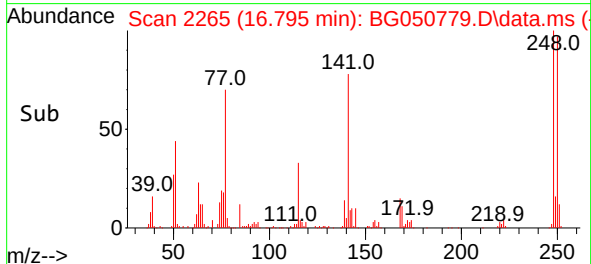
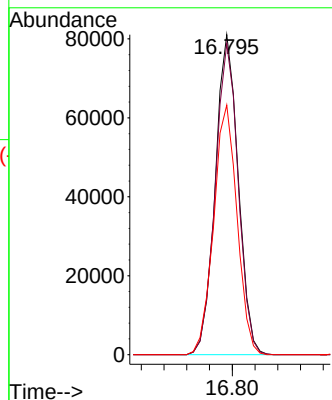
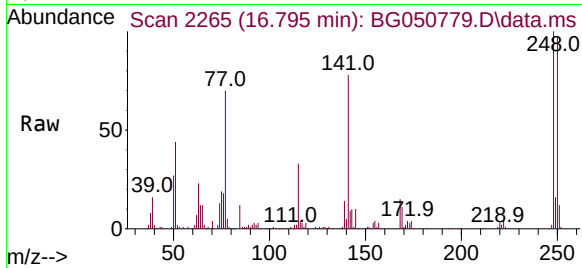




#67  
4-Bromophenyl-phenylether  
Concen: 41.919 ng  
RT: 16.795 min Scan# 2265  
Delta R.T. -0.006 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

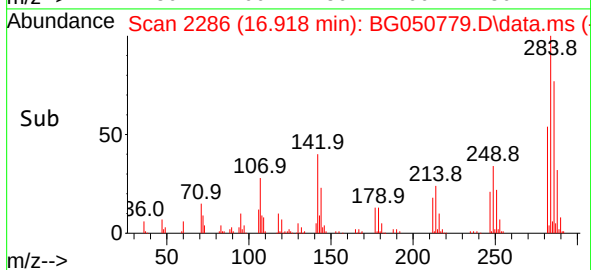
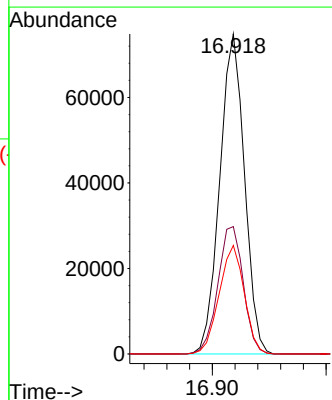
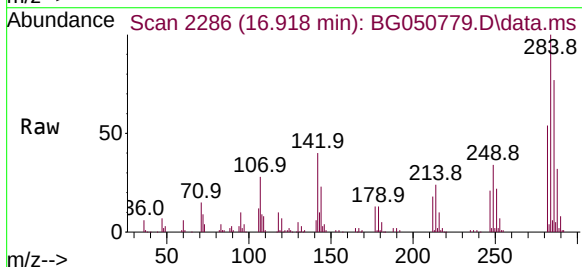
Instrument :  
BNA\_F  
ClientSampleId :  
PB140340BS

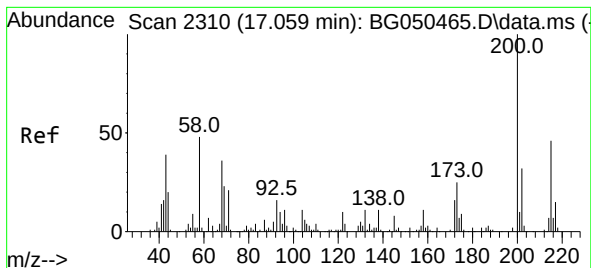
Tgt Ion:248 Resp: 113615  
Ion Ratio Lower Upper  
248 100  
250 97.2 76.1 114.1  
141 78.0 65.4 98.2



#68  
Hexachlorobenzene  
Concen: 41.942 ng  
RT: 16.918 min Scan# 2286  
Delta R.T. -0.000 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

Tgt Ion:284 Resp: 112981  
Ion Ratio Lower Upper  
284 100  
142 39.8 27.0 40.6  
249 33.9 28.2 42.2





#69

Atrazine

Concen: 42.304 ng

RT: 17.054 min Scan# 2309

Delta R.T. -0.006 min

Lab File: BG050779.D

Acq: 29 Oct 2021 15:50

Tgt Ion:200 Resp: 127358

Ion Ratio Lower Upper

200 100

173 26.3 3.7 43.7

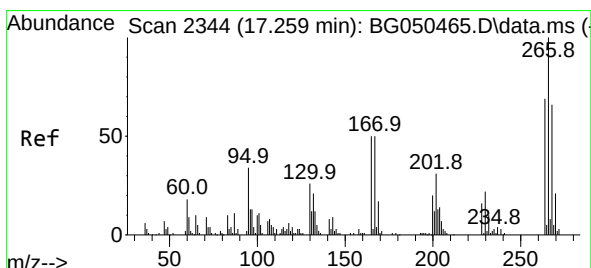
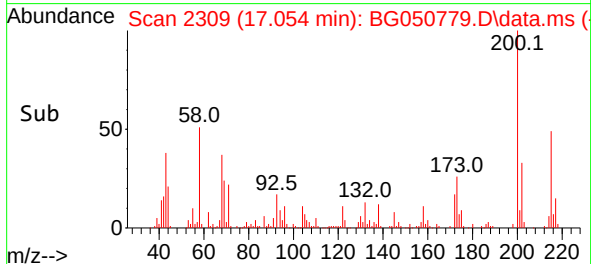
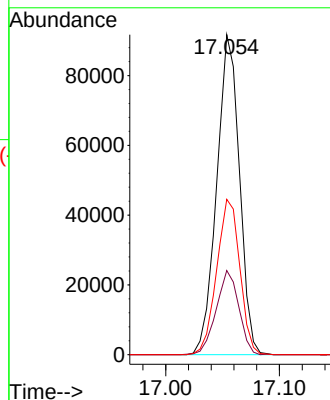
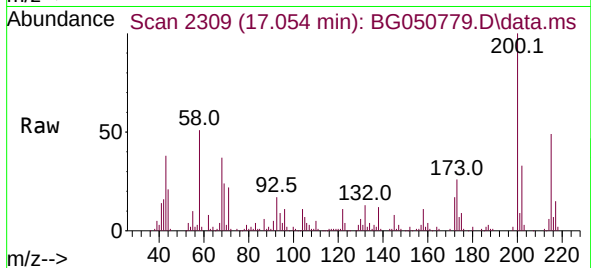
215 48.6 26.9 66.9

Instrument :

BNA\_F

ClientSampleId :

PB140340BS



#70

Pentachlorophenol

Concen: 71.833 ng

RT: 17.265 min Scan# 2345

Delta R.T. -0.000 min

Lab File: BG050779.D

Acq: 29 Oct 2021 15:50

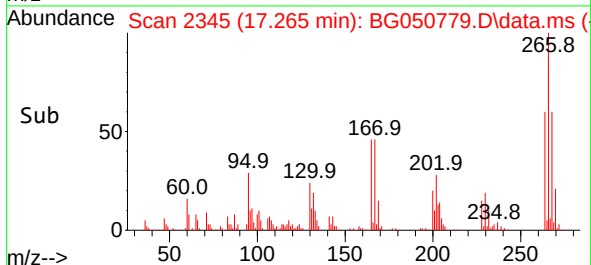
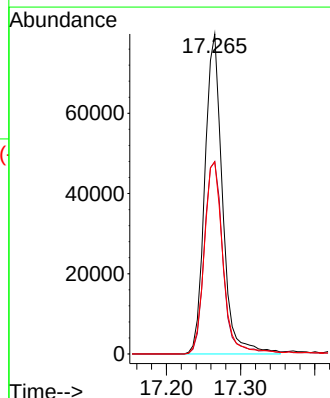
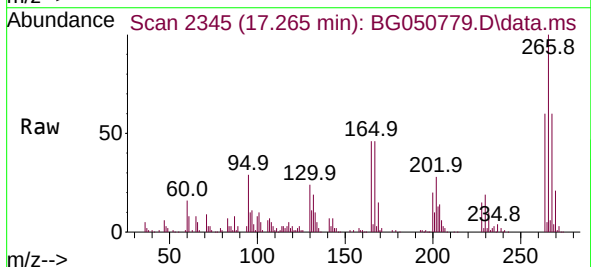
Tgt Ion:266 Resp: 131727

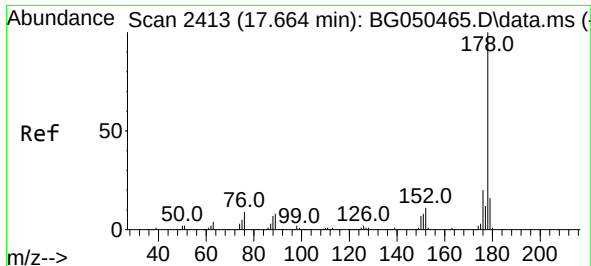
Ion Ratio Lower Upper

266 100

268 60.1 49.0 73.4

264 60.0 49.0 73.6

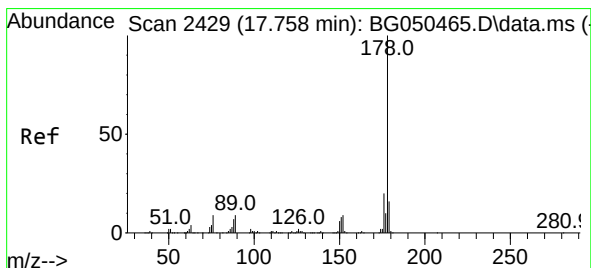
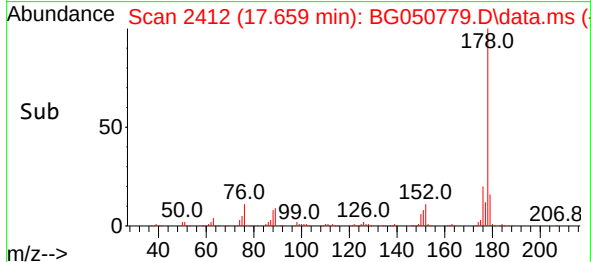
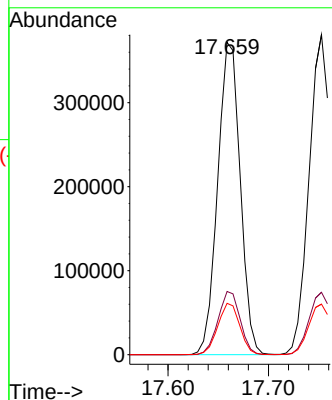
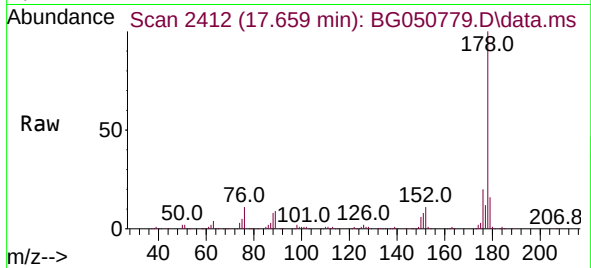




#71  
Phenanthrene  
Concen: 40.962 ng  
RT: 17.659 min Scan# 2412  
Delta R.T. -0.006 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

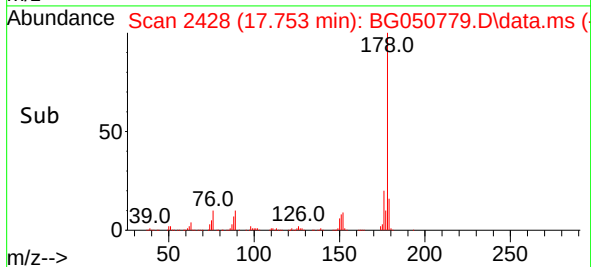
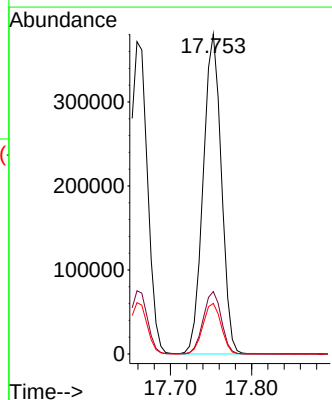
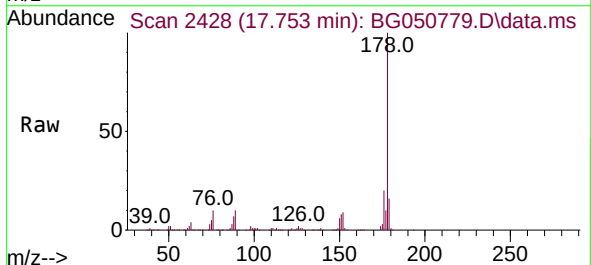
Instrument :  
BNA\_F  
ClientSampleId :  
PB140340BS

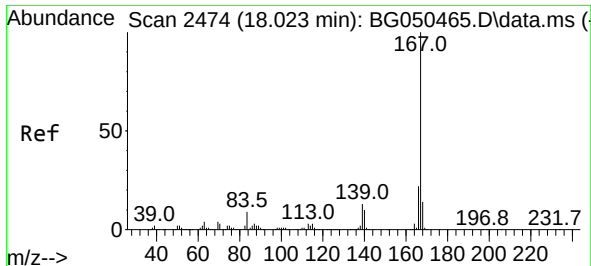
Tgt Ion:178 Resp: 580585  
Ion Ratio Lower Upper  
178 100  
176 20.2 16.0 24.0  
179 16.4 14.2 21.4



#72  
Anthracene  
Concen: 41.952 ng  
RT: 17.753 min Scan# 2428  
Delta R.T. -0.000 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

Tgt Ion:178 Resp: 590869  
Ion Ratio Lower Upper  
178 100  
176 19.5 14.6 21.8  
179 15.8 13.4 20.0

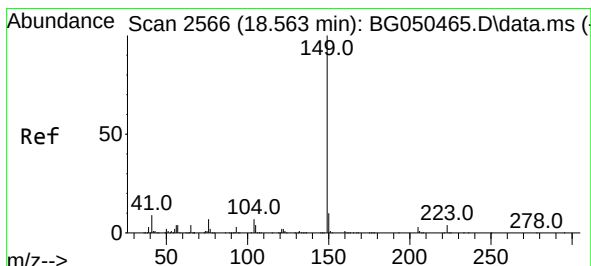
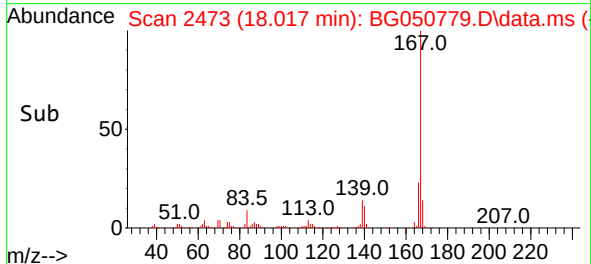
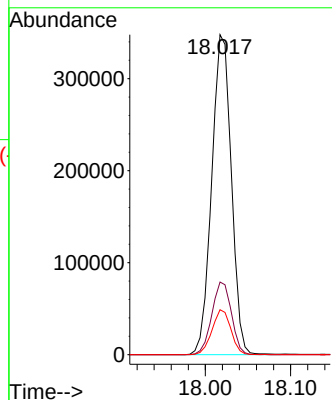
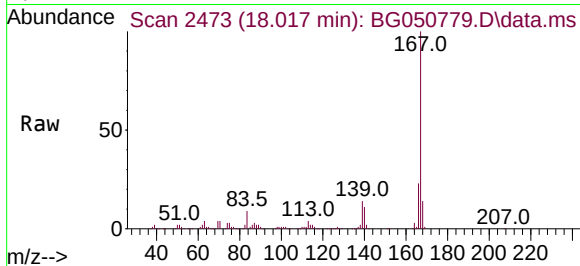




#73  
 Carbazole  
 Concen: 39.584 ng  
 RT: 18.017 min Scan# 2473  
 Delta R.T. -0.006 min  
 Lab File: BG050779.D  
 Acq: 29 Oct 2021 15:50

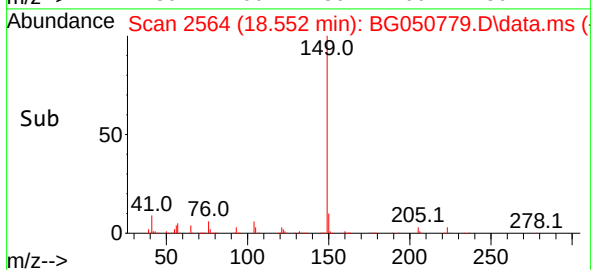
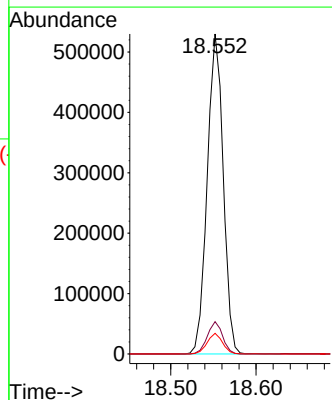
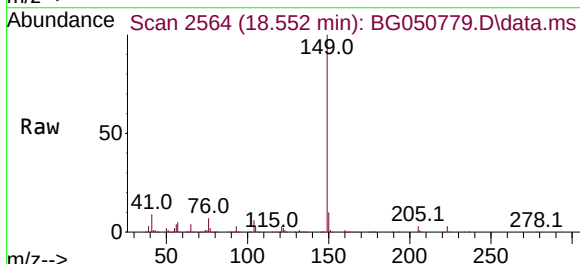
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB140340BS

|             |              |
|-------------|--------------|
| Tgt Ion:167 | Resp: 555652 |
| Ion Ratio   | Lower Upper  |
| 167 100     |              |
| 166 22.7    | 17.4 26.2    |
| 139 14.0    | 10.7 16.1    |

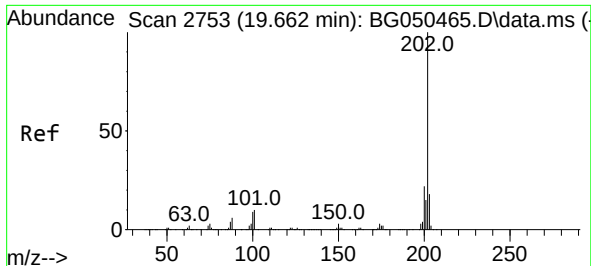


#74  
 Di-n-butylphthalate  
 Concen: 41.921 ng  
 RT: 18.552 min Scan# 2564  
 Delta R.T. -0.006 min  
 Lab File: BG050779.D  
 Acq: 29 Oct 2021 15:50

|             |              |
|-------------|--------------|
| Tgt Ion:149 | Resp: 690586 |
| Ion Ratio   | Lower Upper  |
| 149 100     |              |
| 150 10.1    | 7.5 11.3     |
| 104 6.4     | 6.6 10.0#    |



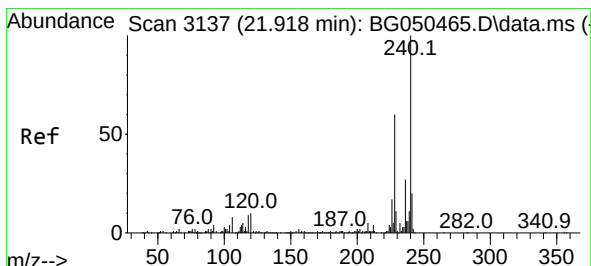
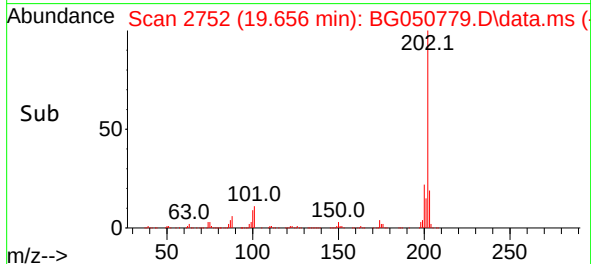
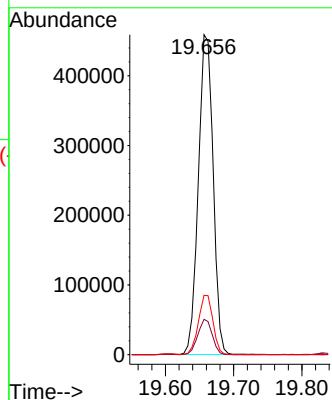
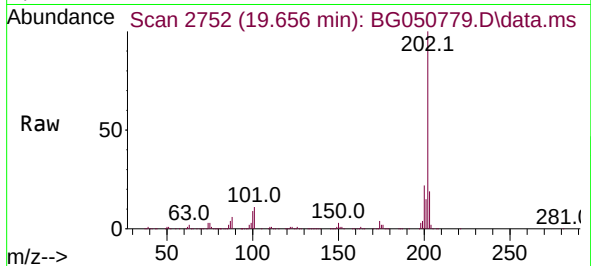




#75  
Fluoranthene  
Concen: 39.530 ng  
RT: 19.656 min Scan# 2752  
Delta R.T. -0.006 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

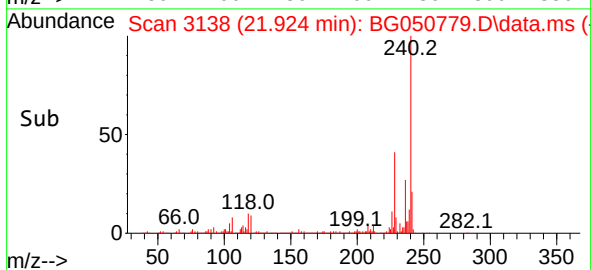
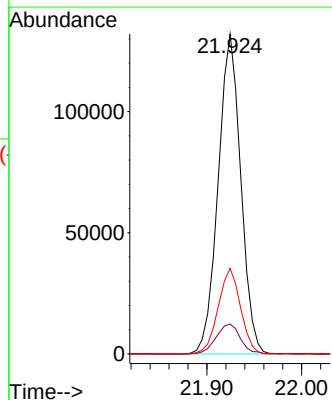
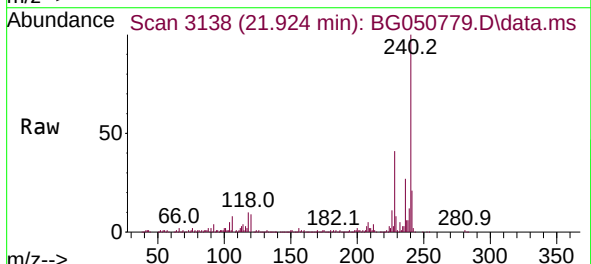
Instrument :  
BNA\_F  
ClientSampleId :  
PB140340BS

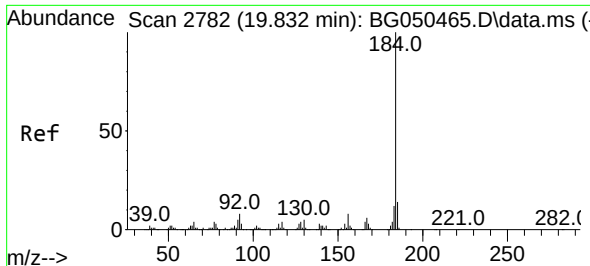
Tgt Ion:202 Resp: 688721  
Ion Ratio Lower Upper  
202 100  
101 11.1 0.0 24.7  
203 18.6 0.0 38.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.924 min Scan# 3138  
Delta R.T. -0.000 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

Tgt Ion:240 Resp: 218844  
Ion Ratio Lower Upper  
240 100  
120 9.3 4.2 6.2#  
236 26.7 21.8 32.6

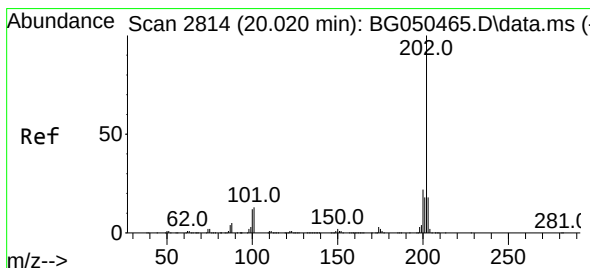
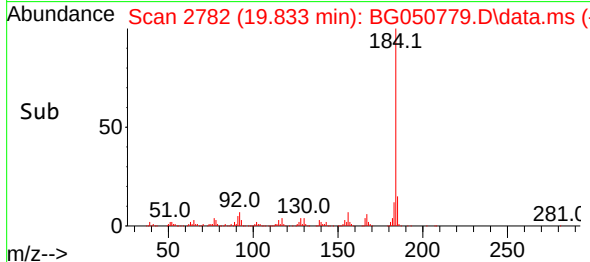
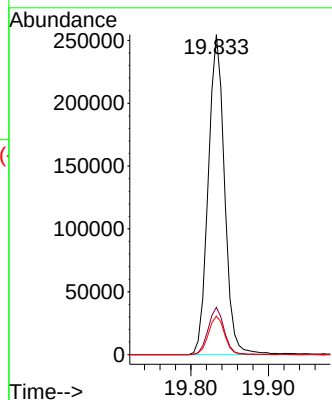
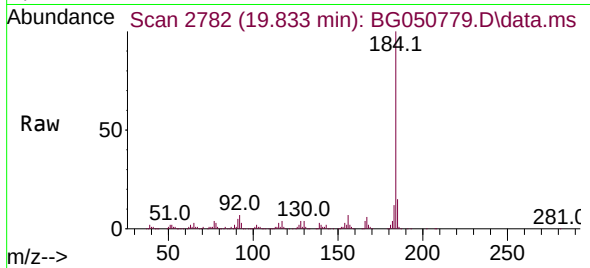




#77  
Benzidine  
Concen: 52.586 ng  
RT: 19.833 min Scan# 2782  
Delta R.T. -0.000 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

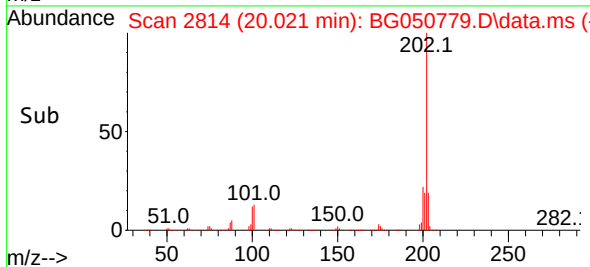
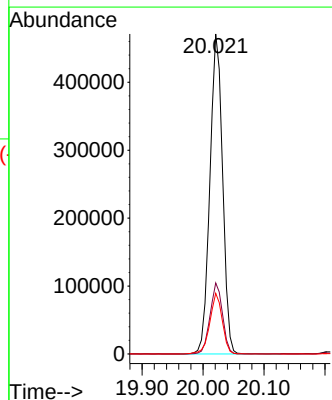
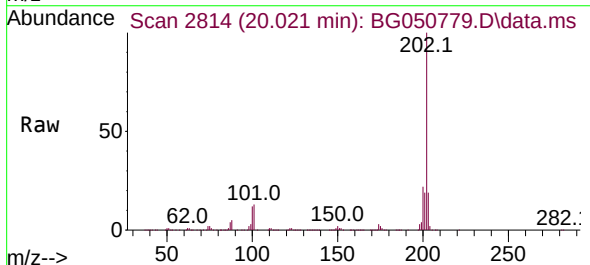
Instrument :  
BNA\_F  
ClientSampleId :  
PB140340BS

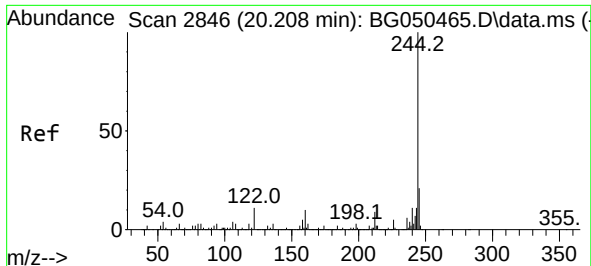
Tgt Ion:184 Resp: 372995  
Ion Ratio Lower Upper  
184 100  
185 14.8 10.7 16.1  
183 12.1 9.4 14.0



#78  
Pyrene  
Concen: 43.937 ng  
RT: 20.021 min Scan# 2814  
Delta R.T. -0.000 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

Tgt Ion:202 Resp: 682206  
Ion Ratio Lower Upper  
202 100  
200 22.2 15.8 23.8  
203 19.0 14.6 21.8

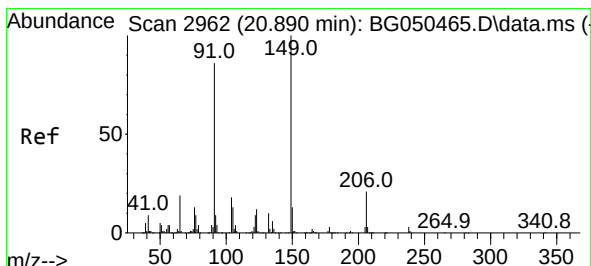
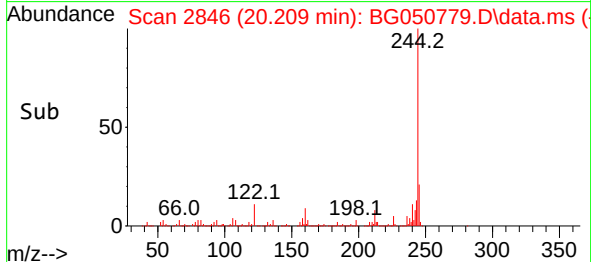
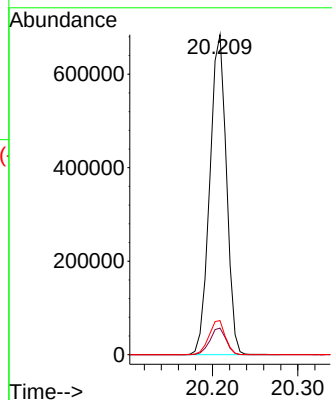
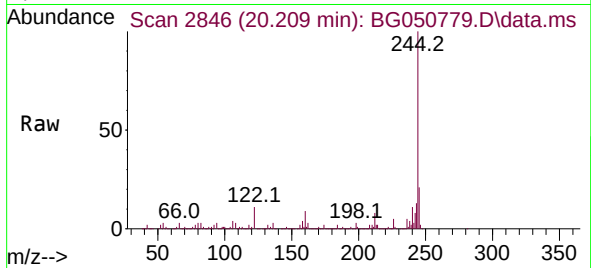




#79  
 Terphenyl-d14  
 Concen: 82.491 ng  
 RT: 20.209 min Scan# 2846  
 Delta R.T. -0.000 min  
 Lab File: BG050779.D  
 Acq: 29 Oct 2021 15:50

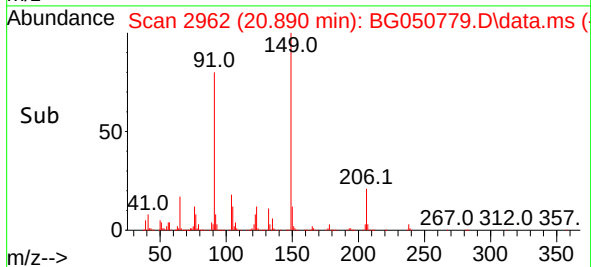
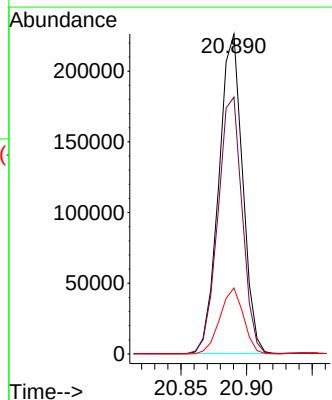
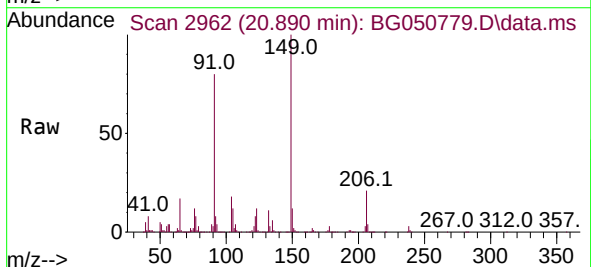
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB140340BS

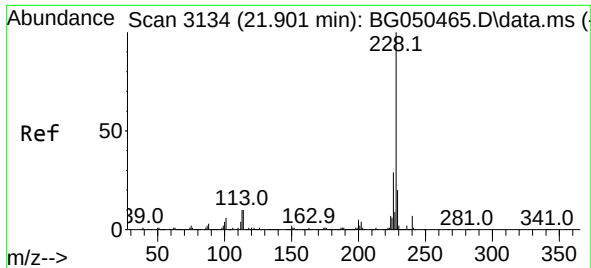
Tgt Ion:244 Resp: 926335  
 Ion Ratio Lower Upper  
 244 100  
 212 8.3 6.9 10.3  
 122 10.7 5.0 7.6#



#80  
 Butylbenzylphthalate  
 Concen: 43.300 ng  
 RT: 20.890 min Scan# 2962  
 Delta R.T. -0.000 min  
 Lab File: BG050779.D  
 Acq: 29 Oct 2021 15:50

Tgt Ion:149 Resp: 284376  
 Ion Ratio Lower Upper  
 149 100  
 91 80.3 63.4 95.2  
 206 20.6 18.4 27.6

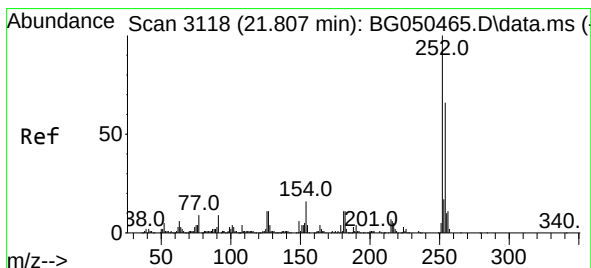
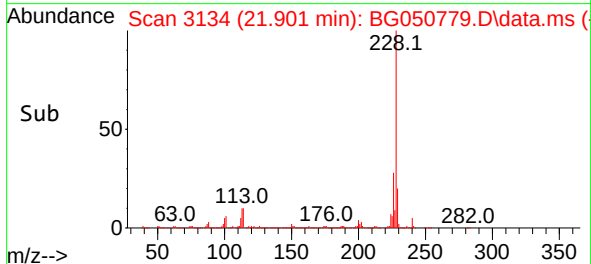
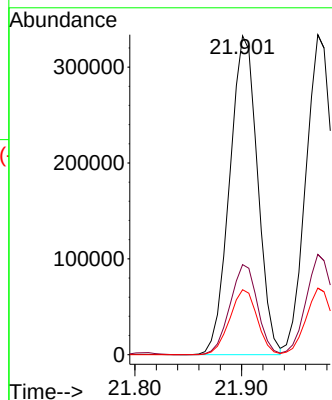
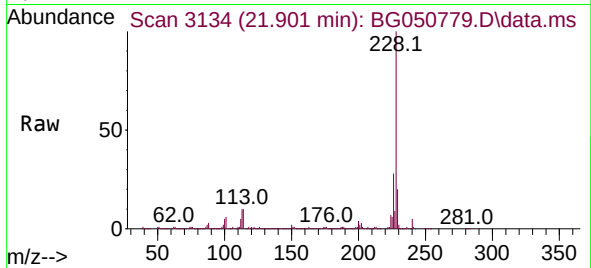




#81  
Benzo(a)anthracene  
Concen: 41.876 ng  
RT: 21.901 min Scan# 3134  
Delta R.T. -0.000 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

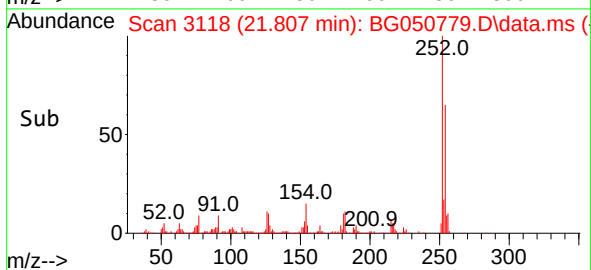
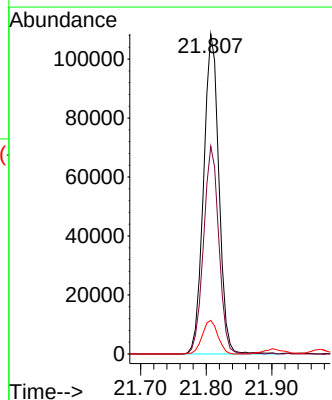
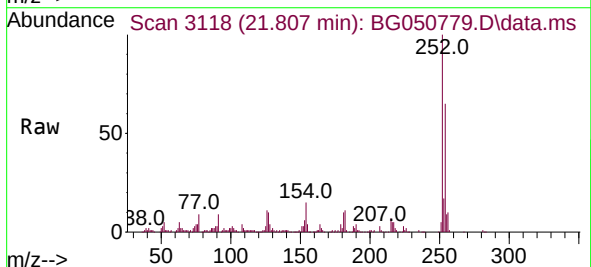
Instrument :  
BNA\_F  
ClientSampleId :  
PB140340BS

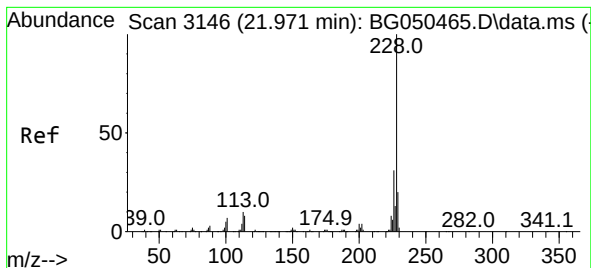
Tgt Ion:228 Resp: 606392  
Ion Ratio Lower Upper  
228 100  
226 28.2 22.7 34.1  
229 20.4 16.0 24.0



#82  
3,3'-Dichlorobenzidine  
Concen: 36.736 ng  
RT: 21.807 min Scan# 3118  
Delta R.T. -0.000 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

Tgt Ion:252 Resp: 176298  
Ion Ratio Lower Upper  
252 100  
254 64.9 52.4 78.6  
126 10.5 5.9 8.9#





#83

Chrysene

Concen: 43.072 ng

RT: 21.971 min Scan# 3146

Delta R.T. -0.000 min

Lab File: BG050779.D

Acq: 29 Oct 2021 15:50

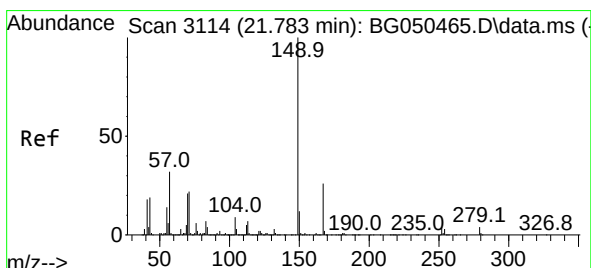
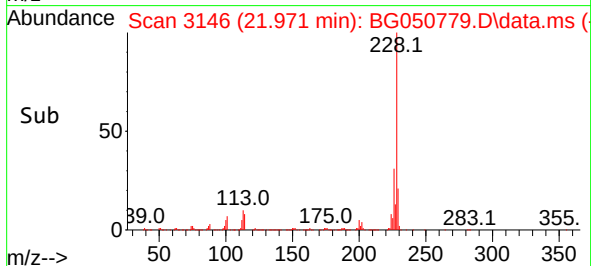
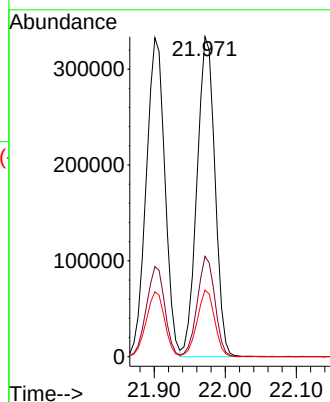
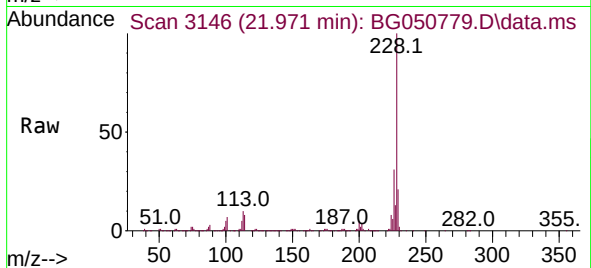
Tgt Ion:228 Resp: 586683

Ion Ratio Lower Upper

228 100

226 31.4 23.1 34.7

229 20.8 15.3 22.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.998 ng

RT: 21.772 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BG050779.D

Acq: 29 Oct 2021 15:50

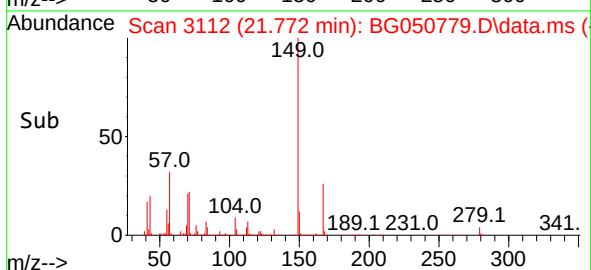
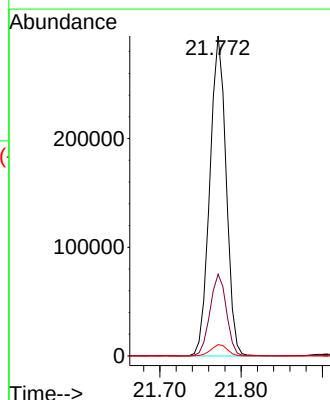
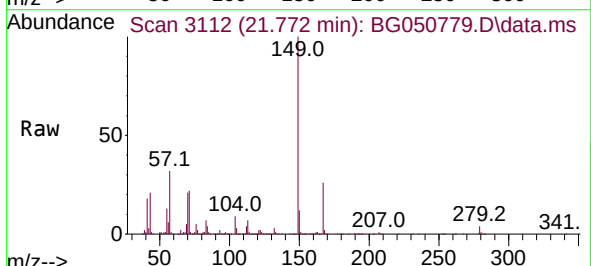
Tgt Ion:149 Resp: 410577

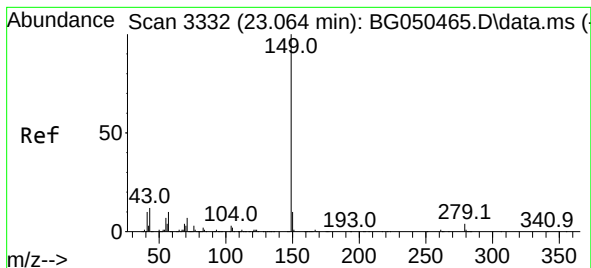
Ion Ratio Lower Upper

149 100

167 25.6 22.3 33.5

279 3.5 3.8 5.8#

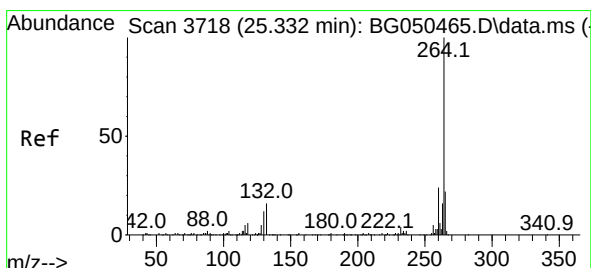
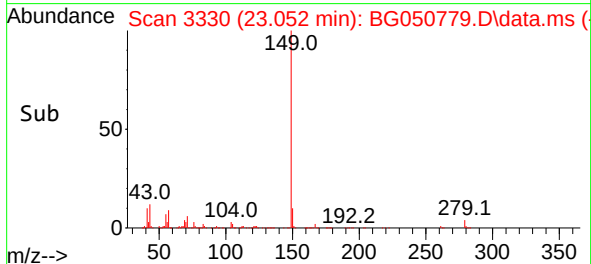
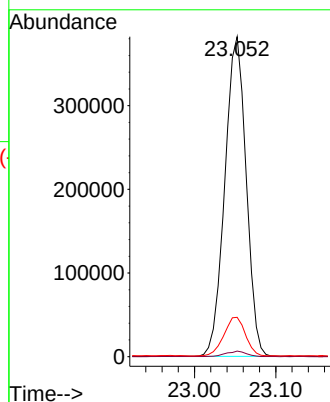
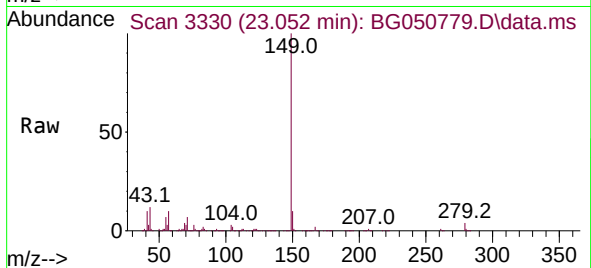




#85  
Di-n-octyl phthalate  
Concen: 44.831 ng  
RT: 23.052 min Scan# 3330  
Delta R.T. -0.000 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

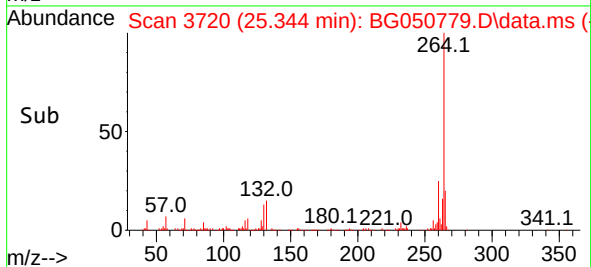
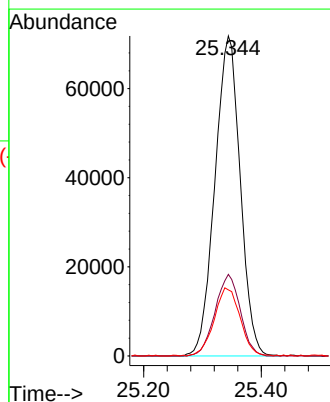
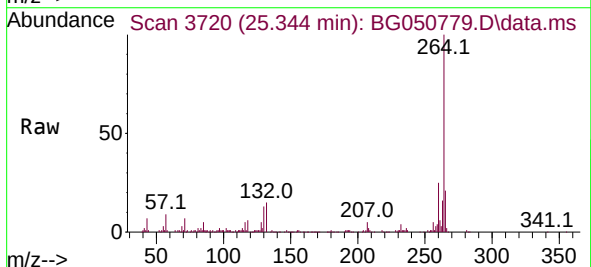
Instrument :  
BNA\_F  
ClientSampleId :  
PB140340BS

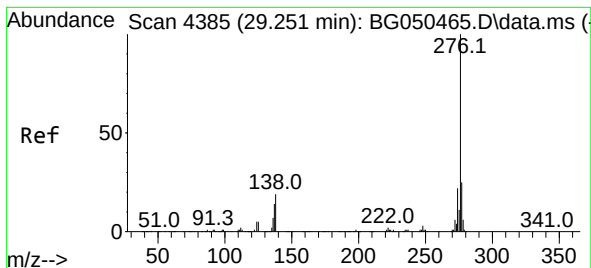
Tgt Ion:149 Resp: 697772  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.4 2.2  
43 12.2 8.6 12.8



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.344 min Scan# 3720  
Delta R.T. 0.011 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

Tgt Ion:264 Resp: 213928  
Ion Ratio Lower Upper  
264 100  
260 25.5 19.4 29.2  
265 20.6 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.863 ng

RT: 29.280 min Scan# 4390

Delta R.T. 0.017 min

Lab File: BG050779.D

Acq: 29 Oct 2021 15:50

Tgt Ion:276 Resp: 653572

Ion Ratio Lower Upper

276 100

138 23.5 5.1 7.7#

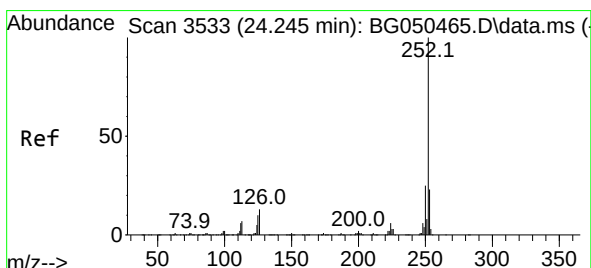
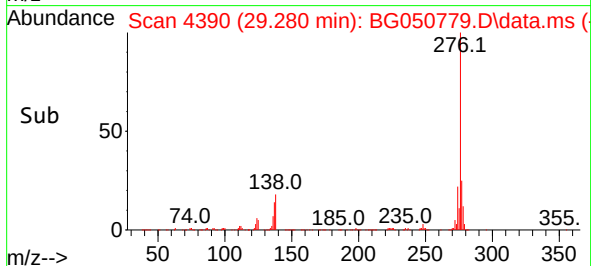
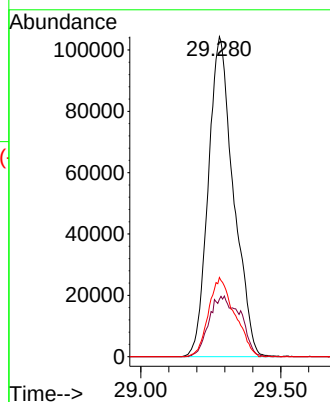
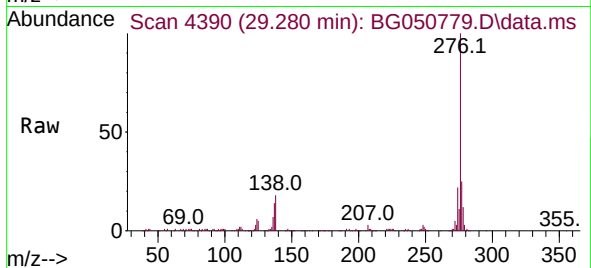
277 25.6 19.8 29.6

Instrument :

BNA\_F

ClientSampleId :

PB140340BS



#88

Benzo(b)fluoranthene

Concen: 46.302 ng

RT: 24.251 min Scan# 3534

Delta R.T. 0.006 min

Lab File: BG050779.D

Acq: 29 Oct 2021 15:50

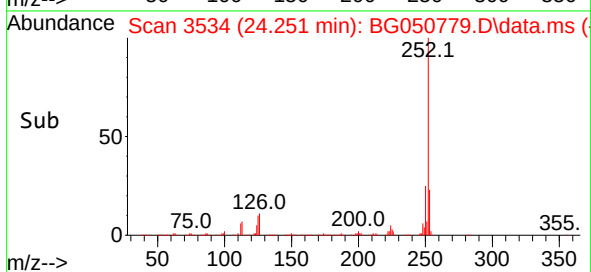
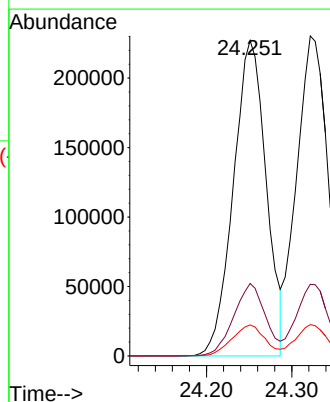
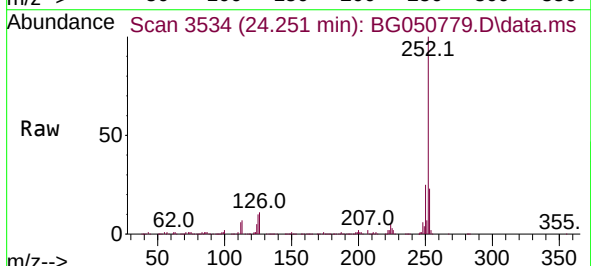
Tgt Ion:252 Resp: 606625

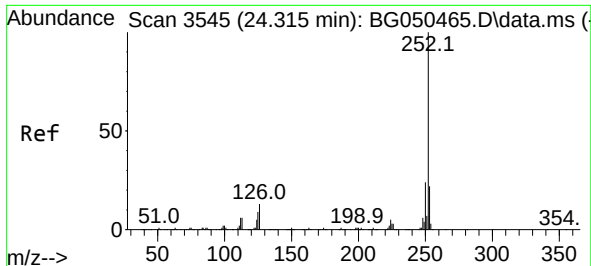
Ion Ratio Lower Upper

252 100

253 23.0 16.2 24.4

125 9.8 3.0 4.4#

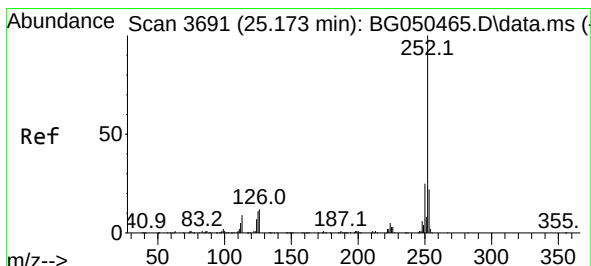
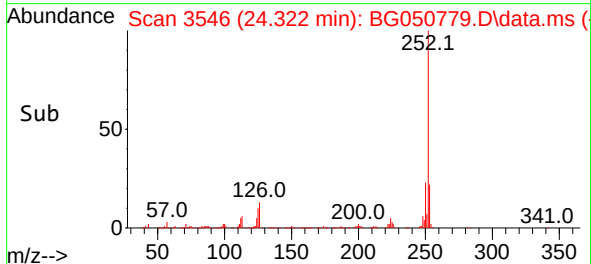
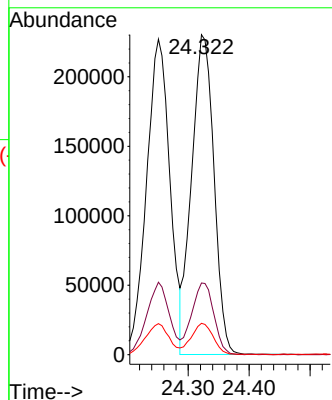
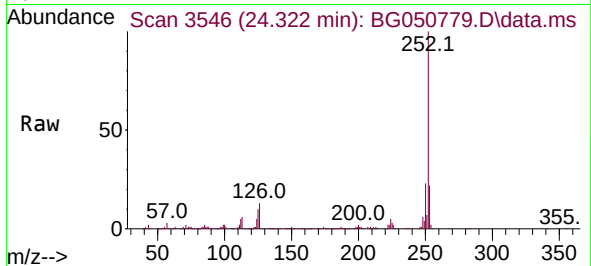




#89  
Benzo(k)fluoranthene  
Concen: 45.401 ng  
RT: 24.322 min Scan# 3546  
Delta R.T. 0.006 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

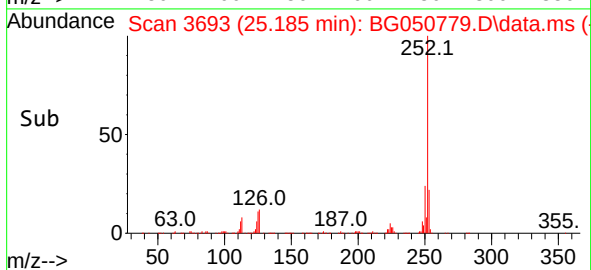
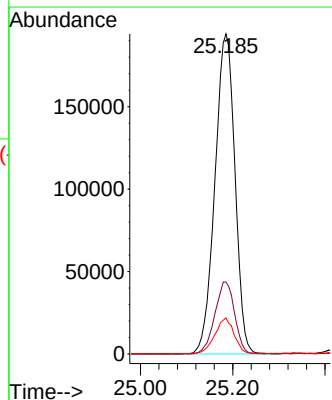
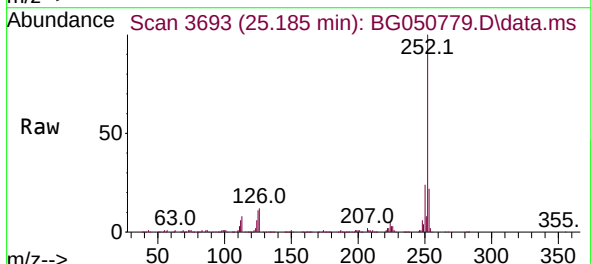
Instrument :  
BNA\_F  
ClientSampleId :  
PB140340BS

Tgt Ion:252 Resp: 585172  
Ion Ratio Lower Upper  
252 100  
253 22.4 18.0 27.0  
125 9.8 3.1 4.7#

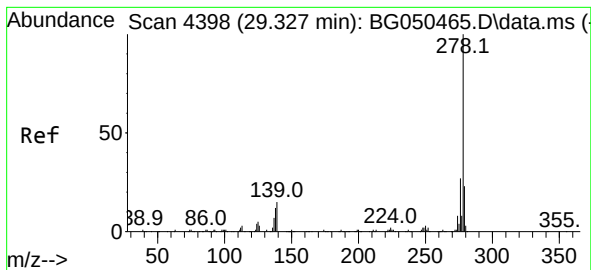


#90  
Benzo(a)pyrene  
Concen: 52.448 ng  
RT: 25.185 min Scan# 3693  
Delta R.T. 0.011 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

Tgt Ion:252 Resp: 584240  
Ion Ratio Lower Upper  
252 100  
253 22.5 16.6 25.0  
125 11.3 3.5 5.3#



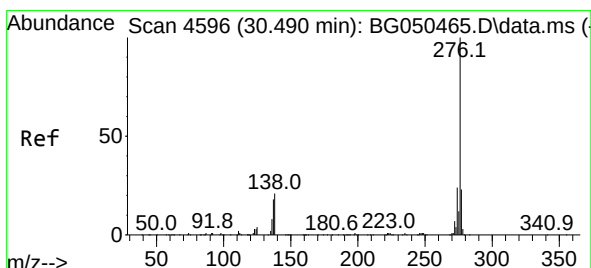
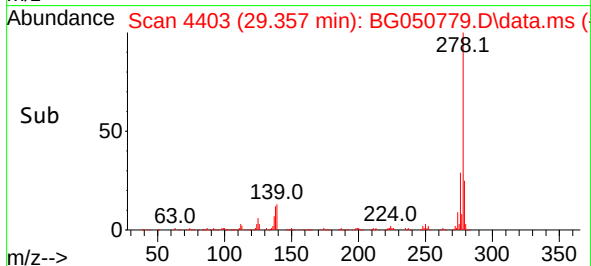
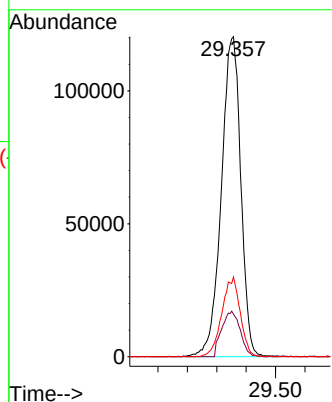
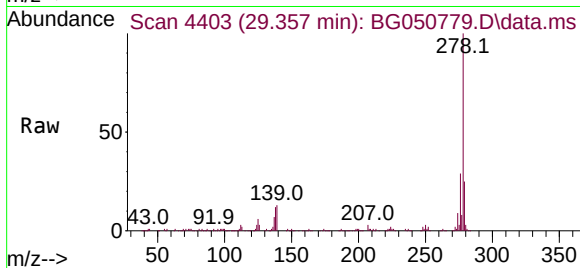




#91  
Dibenzo(a,h)anthracene  
Concen: 44.793 ng  
RT: 29.357 min Scan# 4403  
Delta R.T. 0.023 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

Instrument :  
BNA\_F  
ClientSampleId :  
PB140340BS

Tgt Ion:278 Resp: 552038  
Ion Ratio Lower Upper  
278 100  
139 13.3 4.6 6.8#  
279 24.9 17.9 26.9



#92  
Benzo(g,h,i)perylene  
Concen: 45.525 ng  
RT: 30.526 min Scan# 4602  
Delta R.T. 0.029 min  
Lab File: BG050779.D  
Acq: 29 Oct 2021 15:50

Tgt Ion:276 Resp: 549509  
Ion Ratio Lower Upper  
276 100  
277 23.7 18.4 27.6  
138 19.6 7.0 10.6#

