

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG012221\  
 Data File : BG047978.D  
 Acq On : 22 Jan 2021 14:51  
 Operator : CG/JU  
 Sample : PB134252BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB134252BS

Quant Time: Jan 22 17:17:59 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG012121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 21 14:42:53 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.145  | 152  | 47294    | 20.00  | ng    | # 0.00   |
| 21) Naphthalene-d8            | 10.959 | 136  | 190149   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.766 | 164  | 141679   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.510 | 188  | 351418   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.787 | 240  | 364291   | 20.00  | ng    | #-0.01   |
| 86) Perylene-d12              | 25.090 | 264  | 377418   | 20.00  | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.695  | 112  | 364178   | 125.58 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.293  | 99   | 495963   | 113.30 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.308  | 82   | 320940   | 74.22  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.247 | 330  | 266623   | 117.60 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.391 | 172  | 740511   | 69.80  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.107 | 244  | 1349628  | 68.50  | ng    | -0.01    |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.585  | 88   | 37243    | 27.68  | ng    | # 88     |
| 3) Pyridine                   | 3.979  | 79   | 117742   | 29.28  | ng    | 95       |
| 4) n-Nitrosodimethylamine     | 3.891  | 42   | 75717    | 37.52  | ng    | # 73     |
| 6) Aniline                    | 7.457  | 93   | 139533   | 26.71  | ng    | 91       |
| 8) 2-Chlorophenol             | 7.704  | 128  | 135514   | 45.40  | ng    | 87       |
| 9) Benzaldehyde               | 7.275  | 77   | 107257   | 44.15  | ng    | 84       |
| 10) Phenol                    | 7.316  | 94   | 179253   | 43.25  | ng    | 74       |
| 11) bis(2-Chloroethyl)ether   | 7.557  | 93   | 127282   | 39.02  | ng    | 91       |
| 12) 1,3-Dichlorobenzene       | 8.033  | 146  | 144953   | 38.18  | ng    | # 95     |
| 13) 1,4-Dichlorobenzene       | 8.180  | 146  | 145737   | 38.28  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.180  | 146  | 145737   | 39.88  | ng    | 96       |
| 15) Benzyl Alcohol            | 8.374  | 79   | 153485   | 41.97  | ng    | # 88     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.668  | 45   | 194293   | 35.21  | ng    | 99       |
| 17) 2-Methylphenol            | 8.574  | 107  | 121405   | 43.84  | ng    | # 85     |
| 18) Hexachloroethane          | 9.238  | 117  | 53122    | 37.12  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 8.950  | 70   | 117930   | 38.06  | ng    | 96       |
| 20) 3+4-Methylphenols         | 8.903  | 107  | 165660   | 43.57  | ng    | 88       |
| 22) Acetophenone              | 8.967  | 105  | 216855   | 38.64  | ng    | # 91     |
| 24) Nitrobenzene              | 9.349  | 77   | 174647   | 40.00  | ng    | # 87     |
| 25) Isophorone                | 9.872  | 82   | 312780   | 38.51  | ng    | # 93     |
| 26) 2-Nitrophenol             | 10.066 | 139  | 72912    | 44.72  | ng    | # 74     |
| 27) 2,4-Dimethylphenol        | 10.113 | 122  | 126326   | 46.53  | ng    | 86       |
| 28) bis(2-Chloroethoxy)met... | 10.354 | 93   | 175059   | 36.24  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.595 | 162  | 144734   | 42.74  | ng    | 94       |
| 30) 1,2,4-Trichlorobenzene    | 10.818 | 180  | 159714   | 36.89  | ng    | 95       |
| 31) Naphthalene               | 11.006 | 128  | 404723   | 38.41  | ng    | 99       |
| 32) Benzoic acid              | 10.242 | 122  | 93484    | 43.04  | ng    | # 74     |
| 33) 4-Chloroaniline           | 11.106 | 127  | 51248    | 10.99  | ng    | # 90     |
| 34) Hexachlorobutadiene       | 11.294 | 225  | 117300   | 36.35  | ng    | 96       |
| 35) Caprolactam               | 11.876 | 113  | 26479    | 20.76  | ng    | # 77     |
| 36) 4-Chloro-3-methylphenol   | 12.216 | 107  | 159310   | 42.27  | ng    | 90       |
| 37) 2-Methylnaphthalene       | 12.604 | 142  | 304539   | 38.08  | ng    | # 90     |
| 38) 1-Methylnaphthalene       | 12.822 | 142  | 288501   | 38.53  | ng    | # 99     |
| 40) 1,2,4,5-Tetrachloroben... | 12.968 | 216  | 206546   | 38.19  | ng    | # 97     |
| 41) Hexachlorocyclopentadiene | 12.951 | 237  | 285735   | 98.87  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 13.198 | 196  | 143569   | 41.57  | ng    | 93       |

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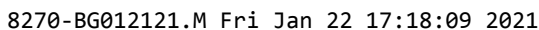
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB134252BS

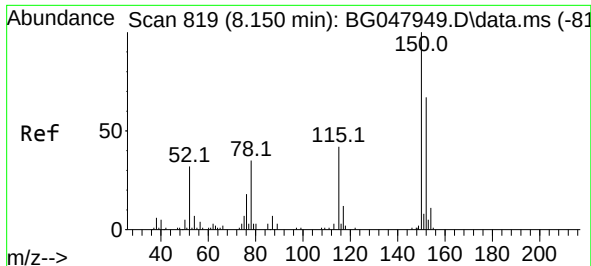
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 QLast Update : Thu Jan 21 14:42:53 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |     |
|-------------------------------|--------|------|----------|-------|-------|----------|-----|
| 44) 2,4,5-Trichlorophenol     | 13.268 | 196  | 155851   | 44.05 | ng    | #        | 91  |
| 46) 1,1'-Biphenyl             | 13.603 | 154  | 419184   | 38.81 | ng    |          | 98  |
| 47) 2-Chloronaphthalene       | 13.650 | 162  | 321272   | 36.72 | ng    |          | 95  |
| 48) 2-Nitroaniline            | 13.838 | 65   | 115703   | 37.87 | ng    | #        | 81  |
| 49) Acenaphthylene            | 14.490 | 152  | 521962   | 38.03 | ng    |          | 99  |
| 50) Dimethylphthalate         | 14.214 | 163  | 460016   | 37.35 | ng    |          | 99  |
| 51) 2,6-Dinitrotoluene        | 14.332 | 165  | 99587    | 42.00 | ng    | #        | 68  |
| 52) Acenaphthene              | 14.831 | 154  | 391652   | 43.03 | ng    |          | 96  |
| 53) 3-Nitroaniline            | 14.661 | 138  | 46459    | 17.96 | ng    | #        | 81  |
| 54) 2,4-Dinitrophenol         | 14.860 | 184  | 131478   | 96.79 | ng    | #        | 77  |
| 55) Dibenzofuran              | 15.160 | 168  | 509950   | 37.68 | ng    |          | 94  |
| 56) 4-Nitrophenol             | 14.954 | 139  | 166072   | 82.22 | ng    | #        | 53  |
| 57) 2,4-Dinitrotoluene        | 15.113 | 165  | 137423   | 41.31 | ng    | #        | 76  |
| 58) Fluorene                  | 15.812 | 166  | 437481   | 38.07 | ng    |          | 97  |
| 59) 2,3,4,6-Tetrachlorophenol | 15.383 | 232  | 155547   | 42.35 | ng    |          | 98  |
| 60) Diethylphthalate          | 15.577 | 149  | 445749   | 36.90 | ng    |          | 96  |
| 61) 4-Chlorophenyl-phenyle... | 15.800 | 204  | 256572   | 37.35 | ng    |          | 98  |
| 62) 4-Nitroaniline            | 15.818 | 138  | 94312    | 33.12 | ng    | #        | 64  |
| 63) Azobenzene                | 16.094 | 77   | 432942   | 36.56 | ng    |          | 90  |
| 65) 4,6-Dinitro-2-methylph... | 15.877 | 198  | 89359    | 50.48 | ng    |          | 85  |
| 66) n-Nitrosodiphenylamine    | 16.012 | 169  | 407382   | 39.72 | ng    |          | 99  |
| 67) 4-Bromophenyl-phenylether | 16.693 | 248  | 182239   | 39.10 | ng    |          | 94  |
| 68) Hexachlorobenzene         | 16.817 | 284  | 189266   | 38.26 | ng    |          | 98  |
| 69) Atrazine                  | 16.958 | 200  | 148366   | 38.76 | ng    |          | 96  |
| 70) Pentachlorophenol         | 17.152 | 266  | 251364   | 88.21 | ng    |          | 97  |
| 71) Phenanthrene              | 17.551 | 178  | 742573   | 39.08 | ng    |          | 98  |
| 72) Anthracene                | 17.639 | 178  | 750807   | 40.35 | ng    |          | 98  |
| 73) Carbazole                 | 17.904 | 167  | 664676   | 39.16 | ng    |          | 99  |
| 74) Di-n-butylphthalate       | 18.462 | 149  | 769350   | 38.08 | ng    | #        | 98  |
| 75) Fluoranthene              | 19.549 | 202  | 994416   | 39.31 | ng    |          | 98  |
| 77) Benzidine                 | 19.725 | 184  | 334472   | 35.88 | ng    |          | 100 |
| 78) Pyrene                    | 19.913 | 202  | 974867   | 39.55 | ng    |          | 98  |
| 80) Butylbenzylphthalate      | 20.795 | 149  | 340916   | 39.04 | ng    |          | 89  |
| 81) Benzo(a)anthracene        | 21.770 | 228  | 1002763  | 39.86 | ng    |          | 98  |
| 82) 3,3'-Dichlorobenzidine    | 21.682 | 252  | 219262   | 25.19 | ng    | #        | 96  |
| 83) Chrysene                  | 21.840 | 228  | 950545   | 39.45 | ng    |          | 99  |
| 84) Bis(2-ethylhexyl)phtha... | 21.676 | 149  | 489166   | 39.41 | ng    |          | 96  |
| 85) Di-n-octyl phthalate      | 22.921 | 149  | 831875   | 40.01 | ng    | #        | 94  |
| 87) Indeno(1,2,3-cd)pyrene    | 28.862 | 276  | 1196442  | 41.43 | ng    | #        | 88  |
| 88) Benzo(b)fluoranthene      | 24.044 | 252  | 1058717  | 42.16 | ng    | #        | 98  |
| 89) Benzo(k)fluoranthene      | 24.114 | 252  | 1003190  | 41.14 | ng    | #        | 95  |
| 90) Benzo(a)pyrene            | 24.937 | 252  | 949580   | 40.14 | ng    | #        | 97  |
| 91) Dibenzo(a,h)anthracene    | 28.938 | 278  | 982172   | 41.70 | ng    | #        | 94  |
| 92) Benzo(g,h,i)perylene      | 30.043 | 276  | 979327   | 42.53 | ng    | #        | 94  |

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

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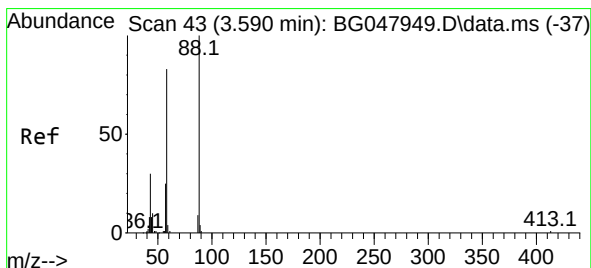
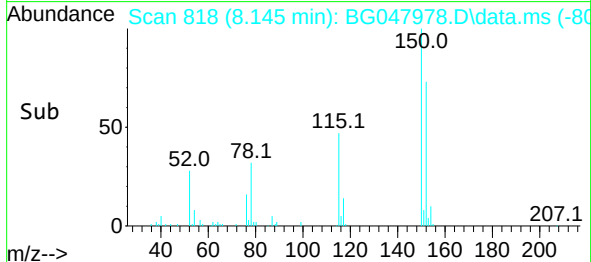
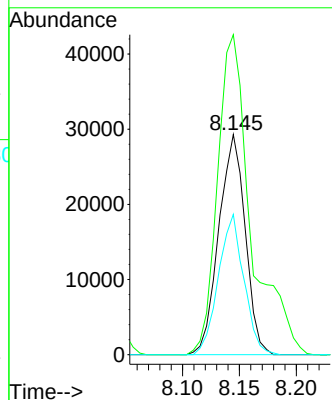
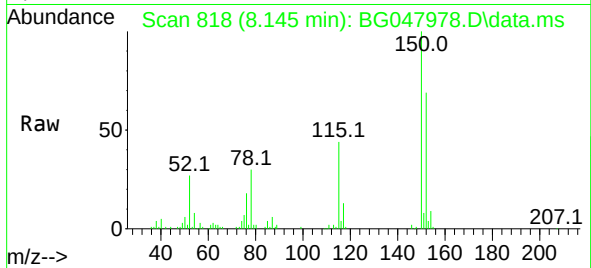




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.145 min Scan# 818  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

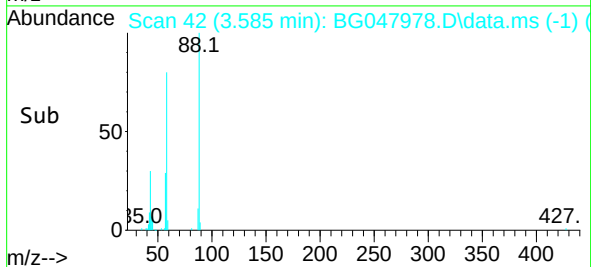
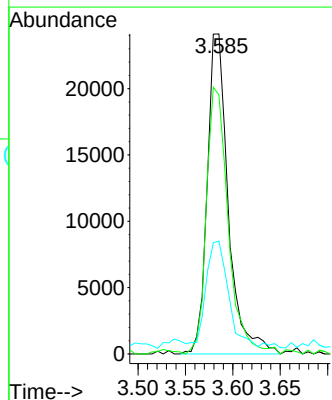
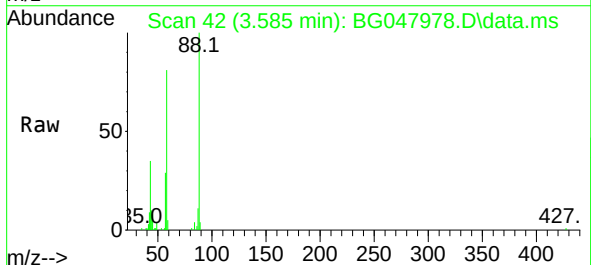
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ClientSampleId :  
PB134252BS

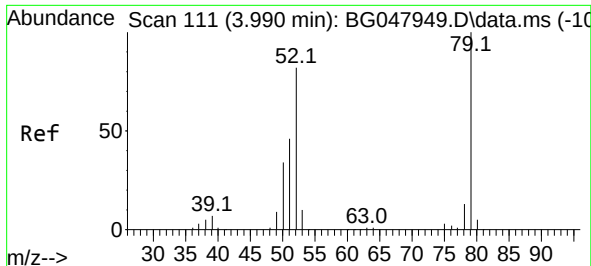
Tgt Ion:152 Resp: 47294  
Ion Ratio Lower Upper  
152 100  
150 145.4 125.0 187.6  
115 63.7 41.8 62.6#



#2  
1,4-Dioxane  
Concen: 27.68 ng  
RT: 3.585 min Scan# 42  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

Tgt Ion: 88 Resp: 37243  
Ion Ratio Lower Upper  
88 100  
58 86.2 61.6 92.4  
43 35.0 21.3 31.9#

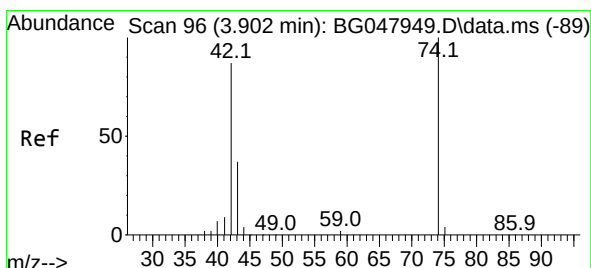
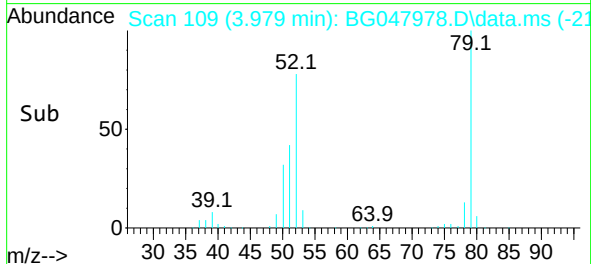
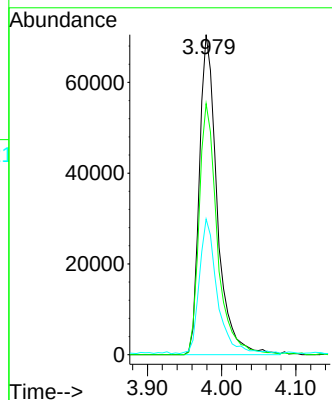
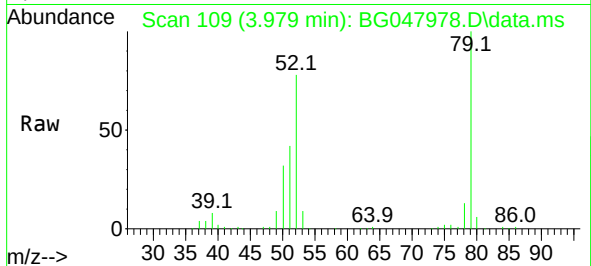




#3  
Pyridine  
Concen: 29.28 ng  
RT: 3.979 min Scan# 109  
Delta R.T. -0.011 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

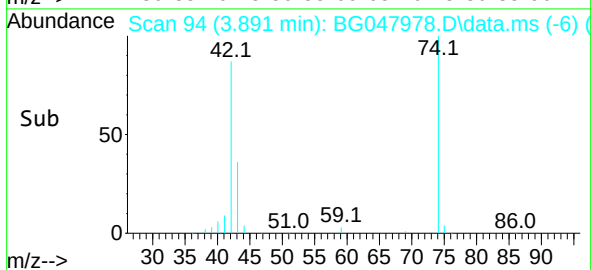
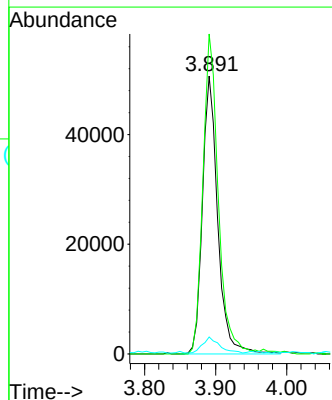
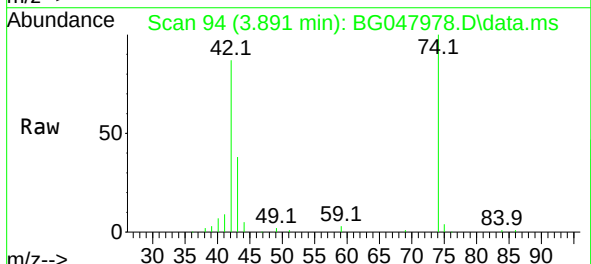
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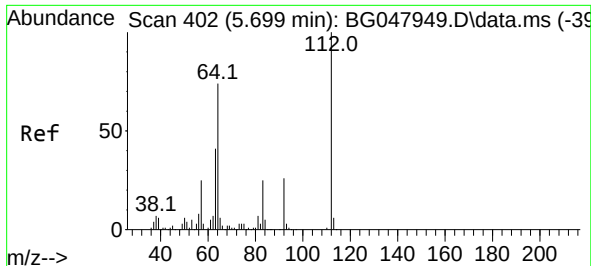
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 79    | Resp: | 117742 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 78.4  | 61.3  | 91.9   |
| 51       | 42.4  | 28.4  | 42.6   |



#4  
n-Nitrosodimethylamine  
Concen: 37.52 ng  
RT: 3.891 min Scan# 94  
Delta R.T. -0.011 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 75717  |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 74       | 115.1 | 120.4 | 180.6# |
| 44       | 6.1   | 6.2   | 9.2#   |

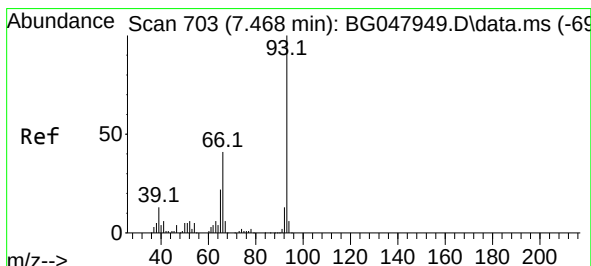
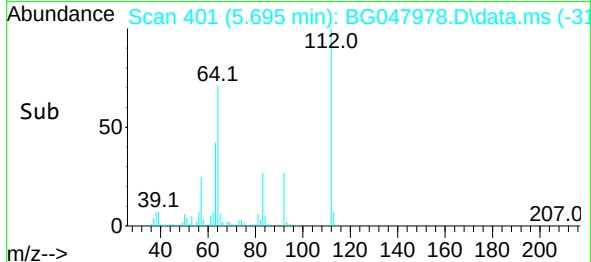
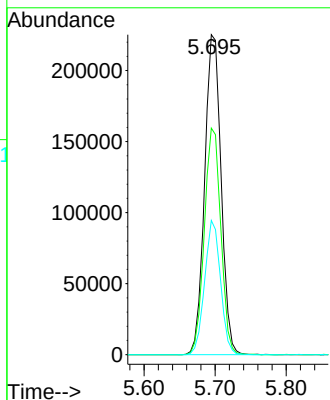
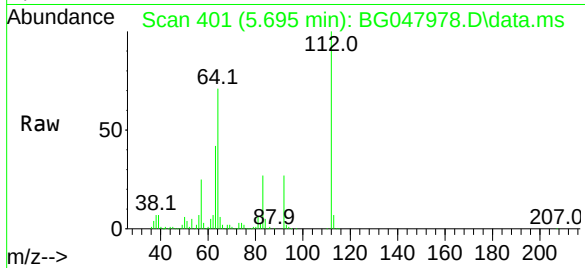




#5  
2-Fluorophenol  
Concen: 125.58 ng  
RT: 5.695 min Scan# 401  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

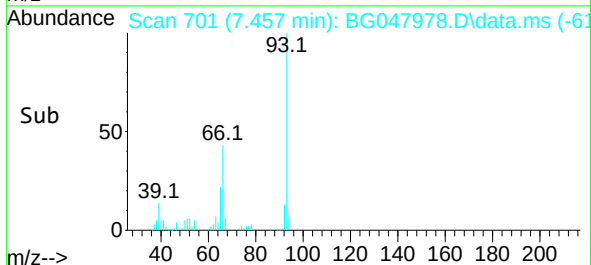
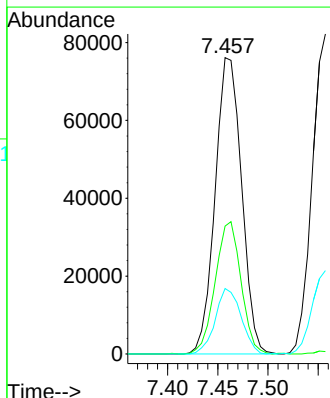
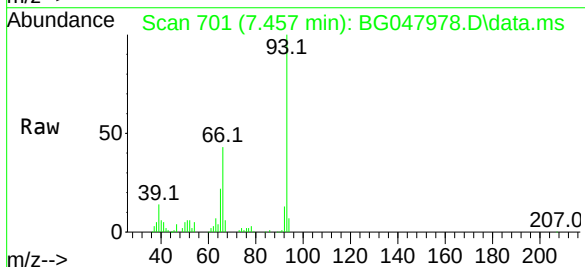
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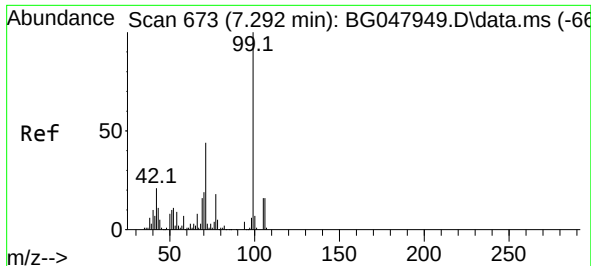
Tgt Ion:112 Resp: 364178  
Ion Ratio Lower Upper  
112 100  
64 70.8 46.7 70.1#  
63 41.9 22.8 34.2#



#6  
Aniline  
Concen: 26.71 ng  
RT: 7.457 min Scan# 701  
Delta R.T. -0.011 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

Tgt Ion: 93 Resp: 139533  
Ion Ratio Lower Upper  
93 100  
66 43.1 29.5 44.3  
65 22.1 15.5 23.3

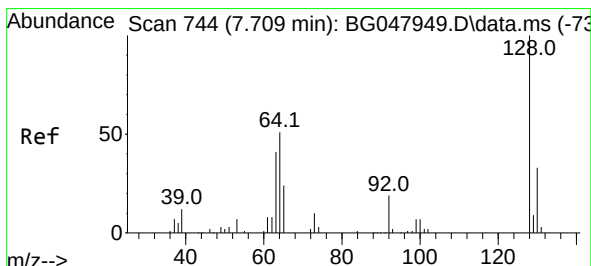
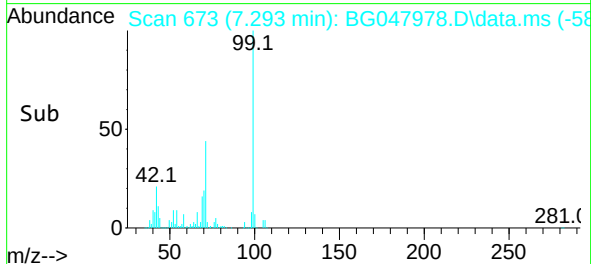
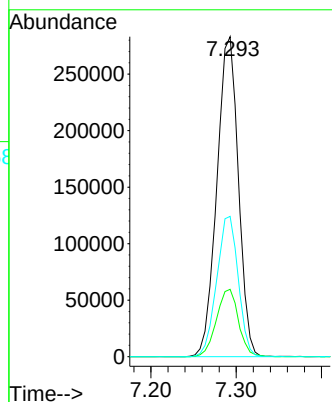
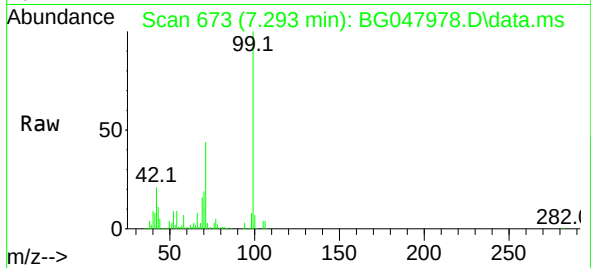




#7  
Phenol-d6  
Concen: 113.30 ng  
RT: 7.293 min Scan# 673  
Delta R.T. 0.001 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

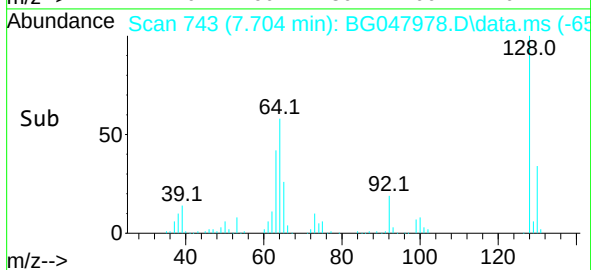
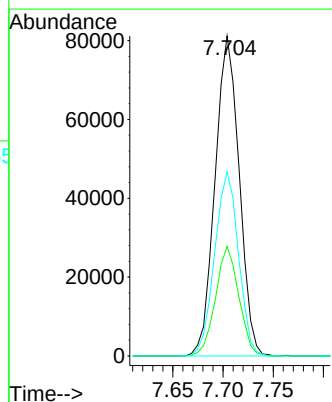
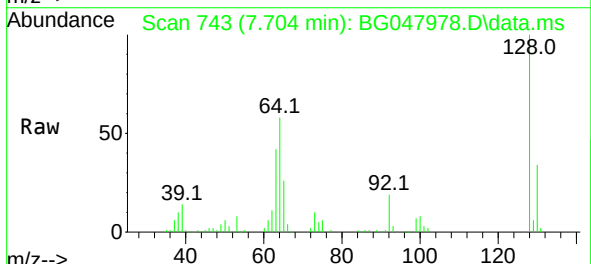
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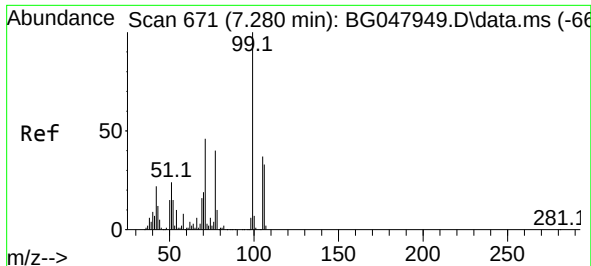
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Ion Ratio Lower Upper  
99 100  
42 21.1 12.8 19.2#  
71 43.8 24.6 36.8#



#8  
2-Chlorophenol  
Concen: 45.40 ng  
RT: 7.704 min Scan# 743  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

Tgt Ion:128 Resp: 135514  
Ion Ratio Lower Upper  
128 100  
130 34.3 12.6 52.6  
64 57.5 24.8 64.8

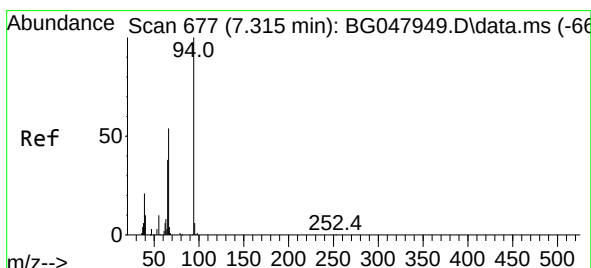
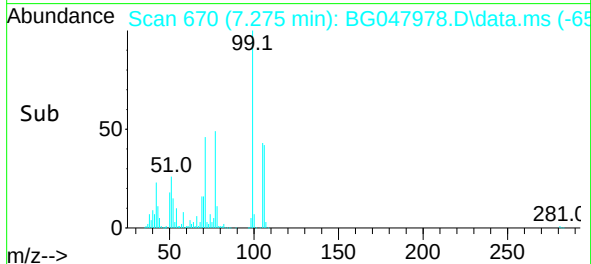
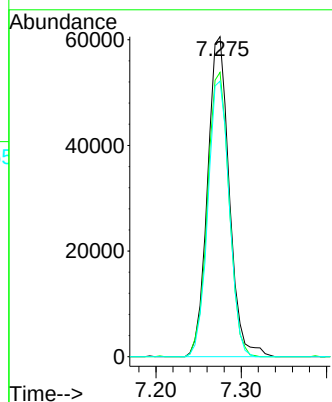
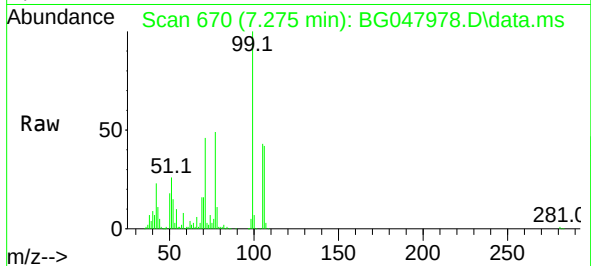




#9  
Benzaldehyde  
Concen: 44.15 ng  
RT: 7.275 min Scan# 670  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

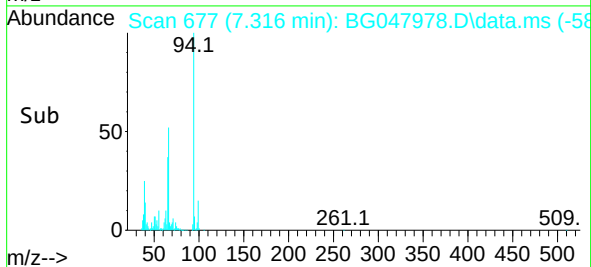
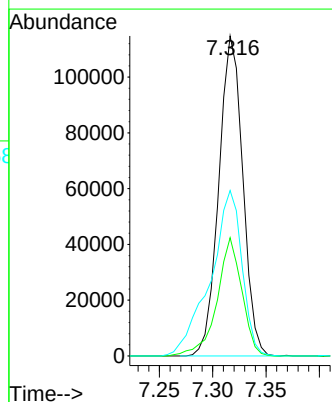
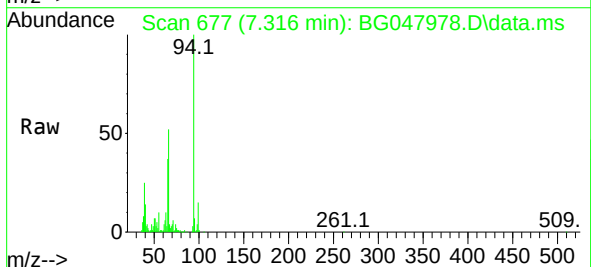
Instrument :  
BNA\_G  
ClientSampleId :  
PB134252BS

Tgt Ion: 77 Resp: 107257  
Ion Ratio Lower Upper  
77 100  
105 88.8 85.9 125.9  
106 86.1 80.9 120.9

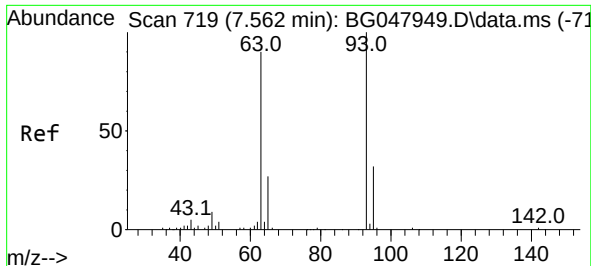


#10  
Phenol  
Concen: 43.25 ng  
RT: 7.316 min Scan# 677  
Delta R.T. 0.001 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

Tgt Ion: 94 Resp: 179253  
Ion Ratio Lower Upper  
94 100  
65 36.9 6.6 46.6  
66 51.7 13.9 53.9

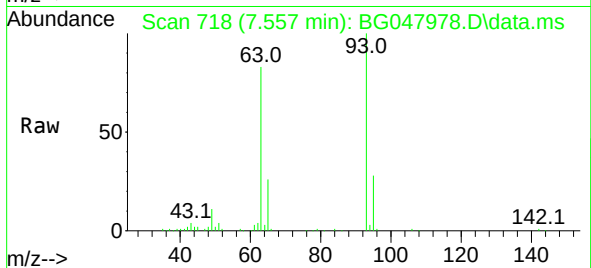




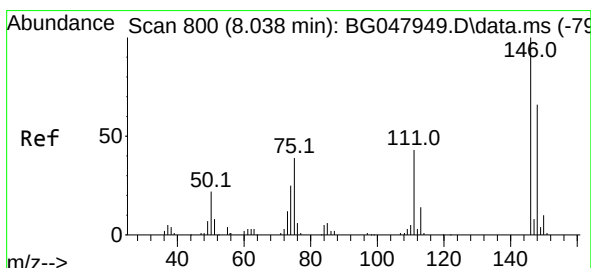
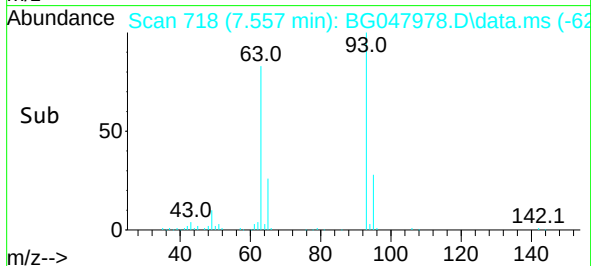
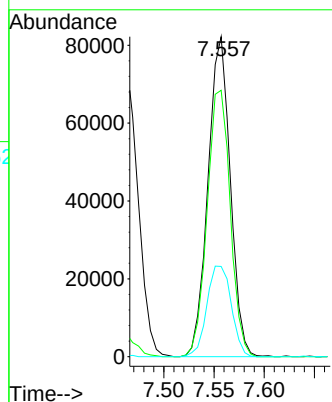


#11  
bis(2-Chloroethyl)ether  
Concen: 39.02 ng  
RT: 7.557 min Scan# 718  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

Instrument :  
BNA\_G  
ClientSampleId :  
PB134252BS

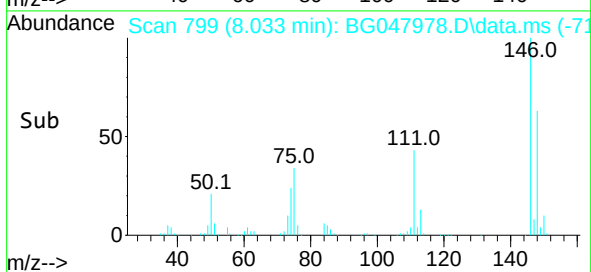
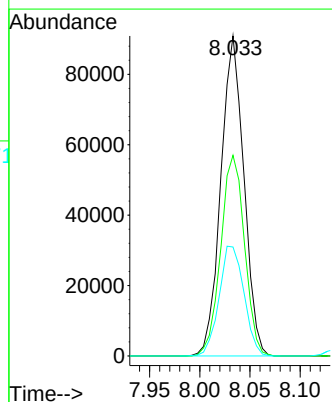
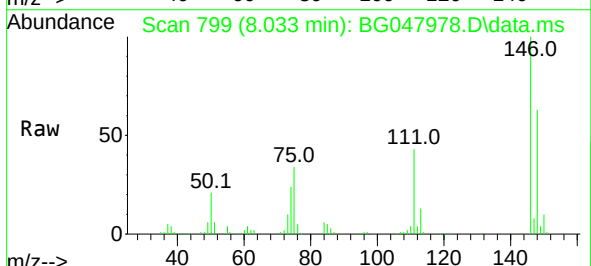


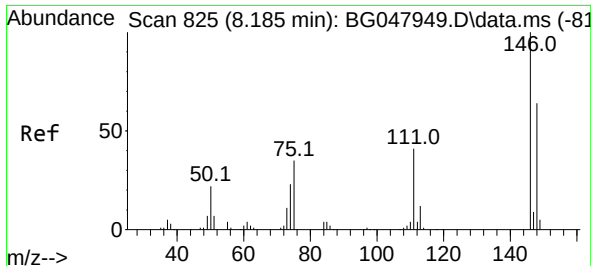
Tgt Ion: 93 Resp: 127282  
Ion Ratio Lower Upper  
93 100  
63 83.3 56.4 96.4  
95 28.2 13.8 53.8



#12  
1,3-Dichlorobenzene  
Concen: 38.18 ng  
RT: 8.033 min Scan# 799  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

Tgt Ion: 146 Resp: 144953  
Ion Ratio Lower Upper  
146 100  
148 62.7 50.1 75.1  
75 34.0 20.1 30.1#

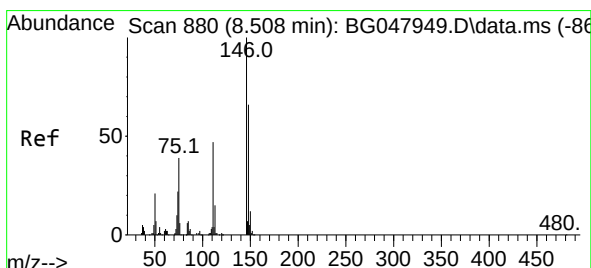
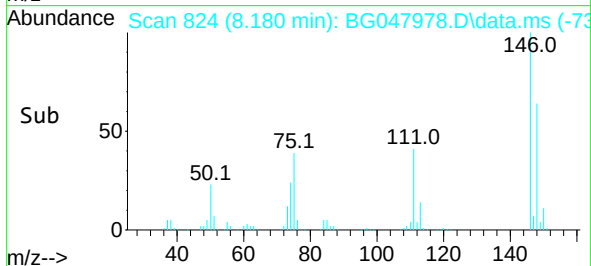
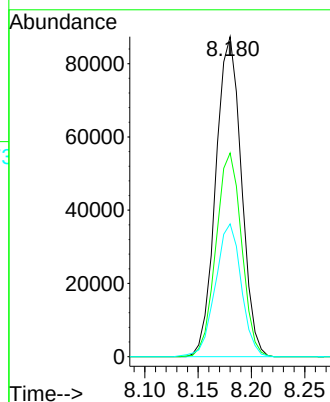
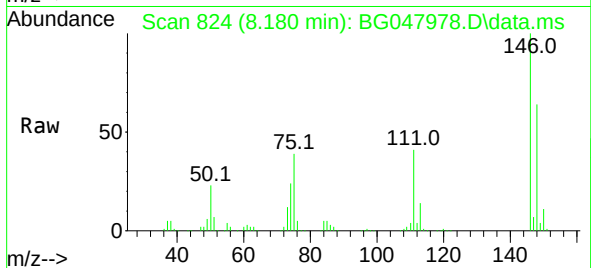




#13  
1,4-Dichlorobenzene  
Concen: 38.28 ng  
RT: 8.180 min Scan# 824  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

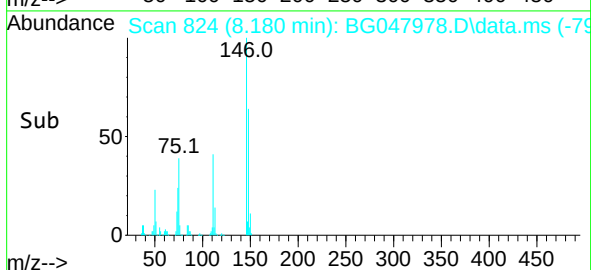
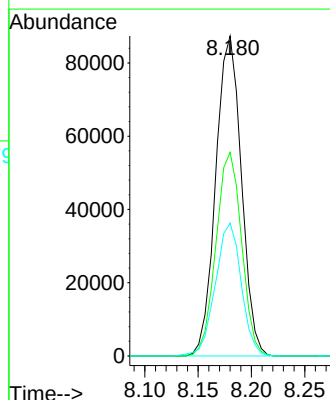
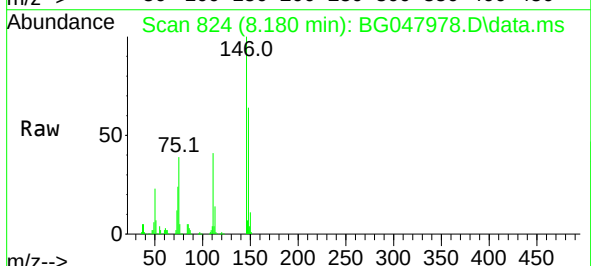
Instrument :  
BNA\_G  
ClientSampleId :  
PB134252BS

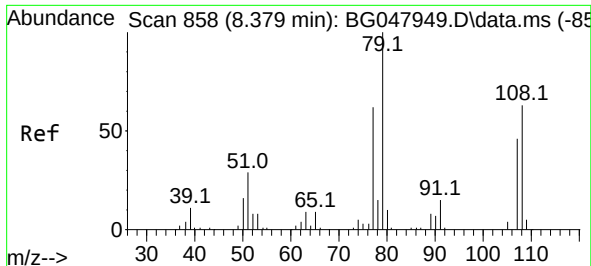
Tgt Ion:146 Resp: 145737  
Ion Ratio Lower Upper  
146 100  
148 63.7 51.1 76.7  
111 41.5 29.7 44.5



#14  
1,2-Dichlorobenzene  
Concen: 39.88 ng  
RT: 8.180 min Scan# 824  
Delta R.T. -0.328 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

Tgt Ion:146 Resp: 145737  
Ion Ratio Lower Upper  
146 100  
148 63.7 53.0 79.6  
111 41.5 30.7 46.1

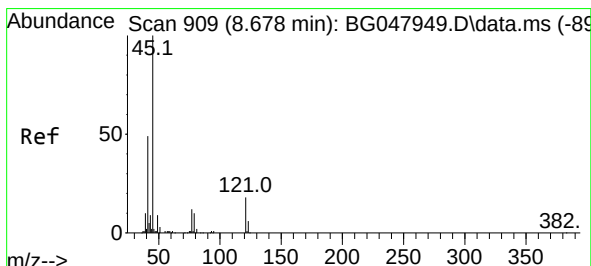
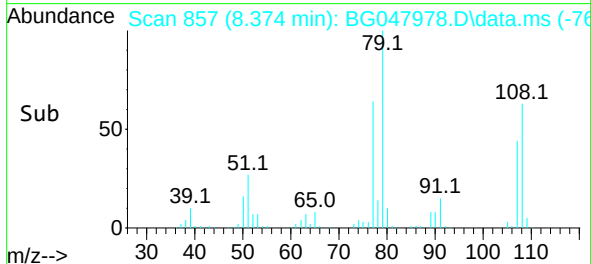
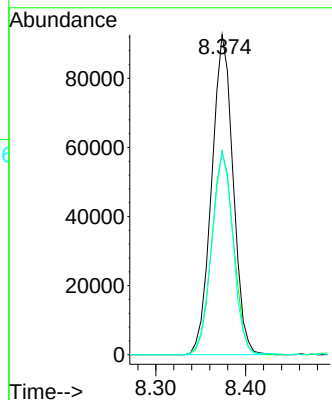
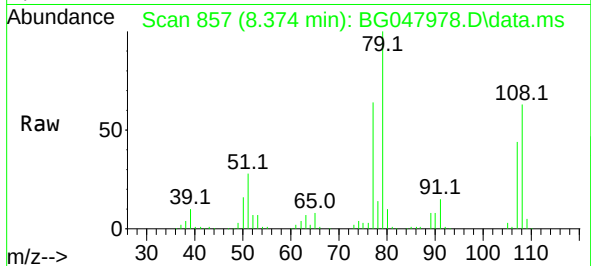




#15  
Benzyl Alcohol  
Concen: 41.97 ng  
RT: 8.374 min Scan# 857  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

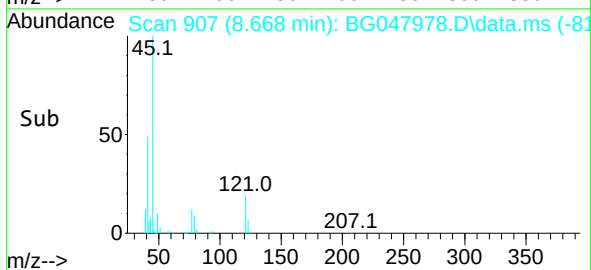
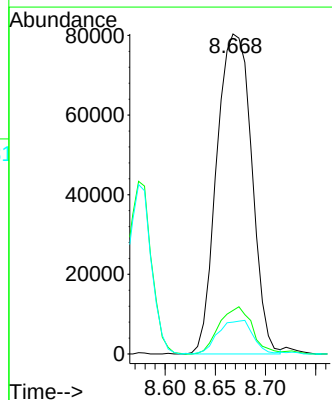
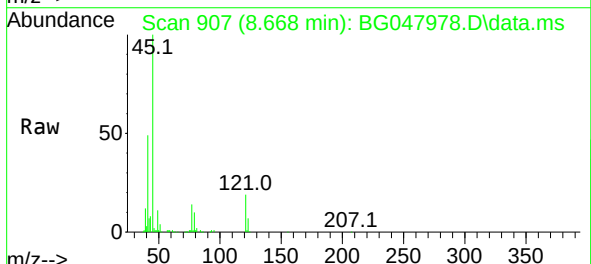
Instrument :  
BNA\_G  
ClientSampleId :  
PB134252BS

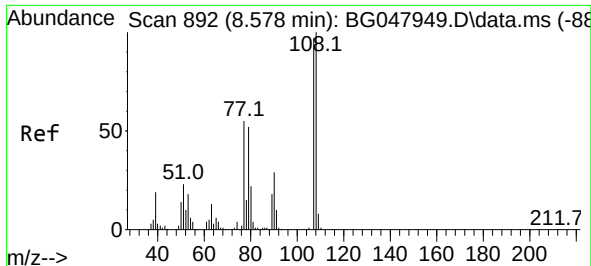
Tgt Ion: 79 Resp: 153485  
Ion Ratio Lower Upper  
79 100  
108 63.5 65.5 98.3#  
77 63.6 50.1 75.1



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 35.21 ng  
RT: 8.668 min Scan# 907  
Delta R.T. -0.011 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

Tgt Ion: 45 Resp: 194293  
Ion Ratio Lower Upper  
45 100  
77 13.6 0.0 33.4  
79 10.0 0.0 30.8

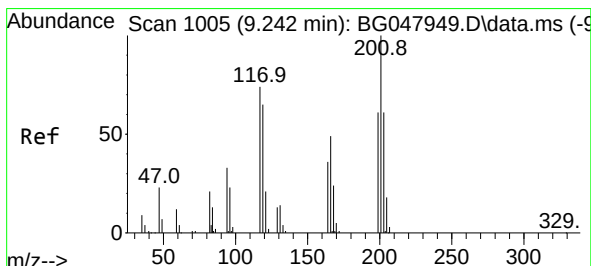
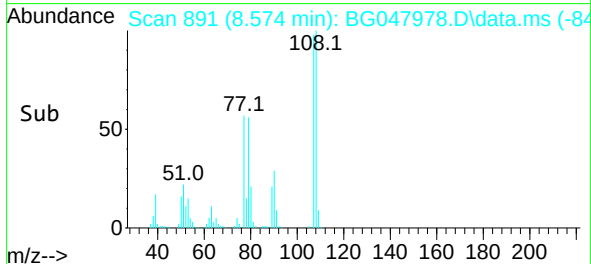
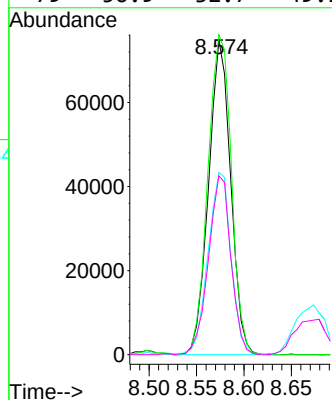
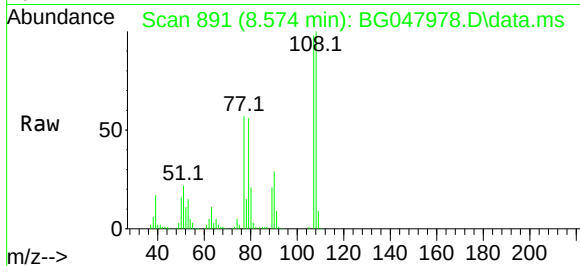




#17  
2-Methylphenol  
Concen: 43.84 ng  
RT: 8.574 min Scan# 891  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

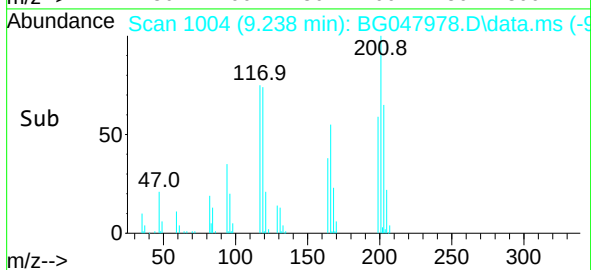
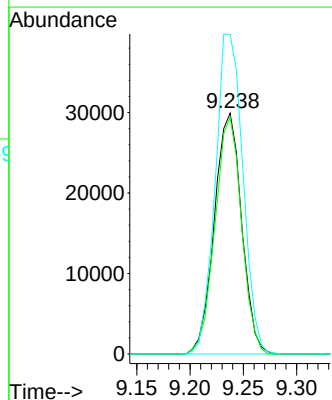
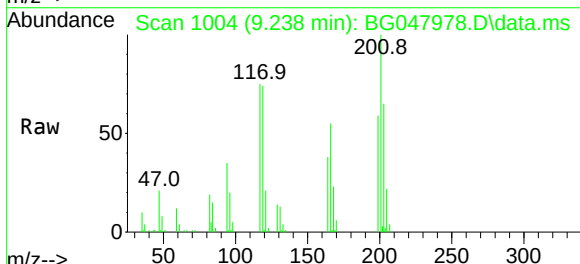
Instrument :  
BNA\_G  
ClientSampleId :  
PB134252BS

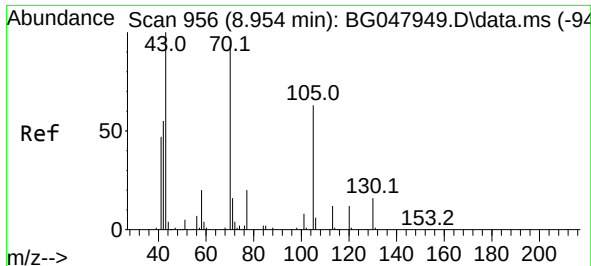
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 121405 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 101.7 | 87.2  | 130.8  |
| 77        | 57.9  | 33.8  | 50.8#  |
| 79        | 56.9  | 32.7  | 49.1#  |



#18  
Hexachloroethane  
Concen: 37.12 ng  
RT: 9.238 min Scan# 1004  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

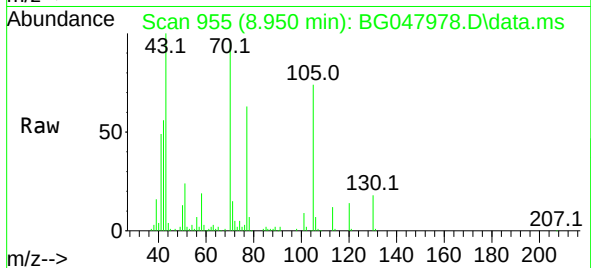
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 53122 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 98.2  | 77.5  | 116.3 |
| 201       | 132.5 | 104.9 | 157.3 |





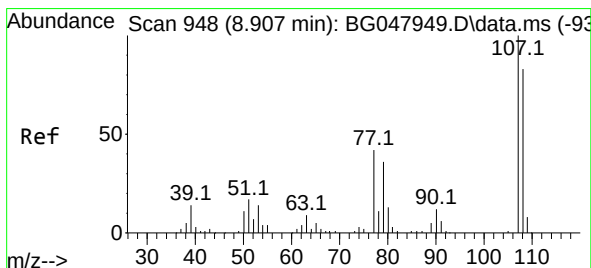
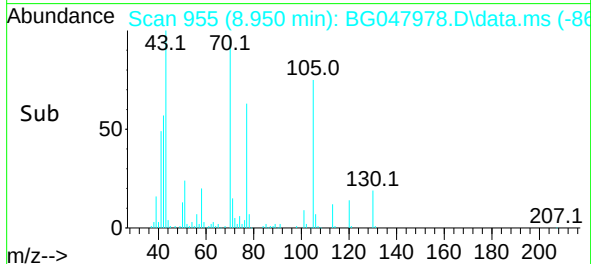
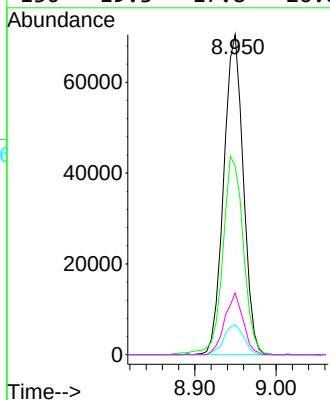
#19  
n-Nitroso-di-n-propylamine  
Concen: 38.06 ng  
RT: 8.950 min Scan# 955  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

Instrument :  
BNA\_G  
ClientSampleId :  
PB134252BS



Tgt Ion: 70 Resp: 117930

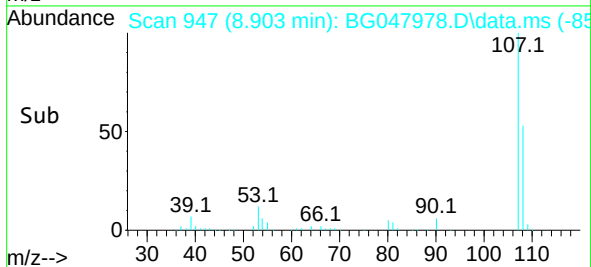
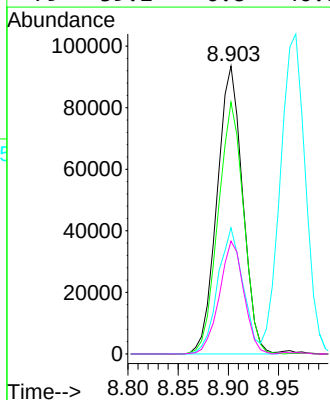
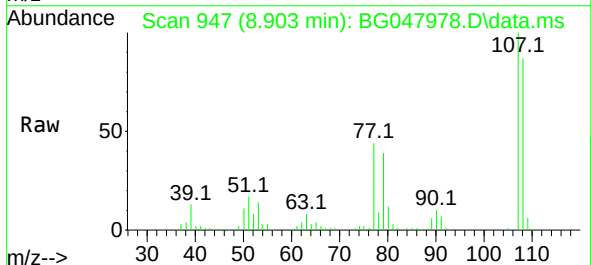
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 59.0  | 45.6  | 68.4  |
| 101 | 9.4   | 8.4   | 12.6  |
| 130 | 19.3  | 17.8  | 26.8  |

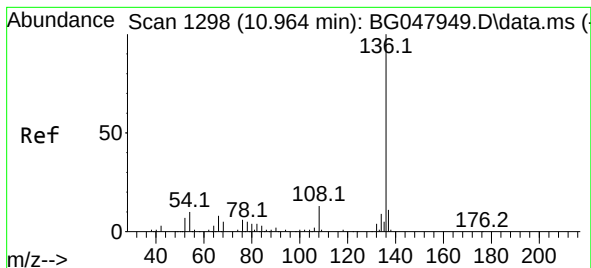


#20  
3+4-Methylphenols  
Concen: 43.57 ng  
RT: 8.903 min Scan# 947  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

Tgt Ion: 107 Resp: 165660

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 87.4  | 70.6  | 110.6 |
| 77  | 43.8  | 10.2  | 50.2  |
| 79  | 39.2  | 6.8   | 46.8  |

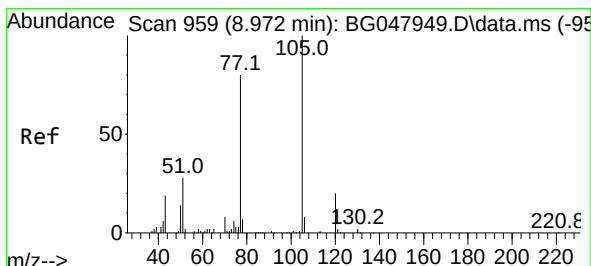
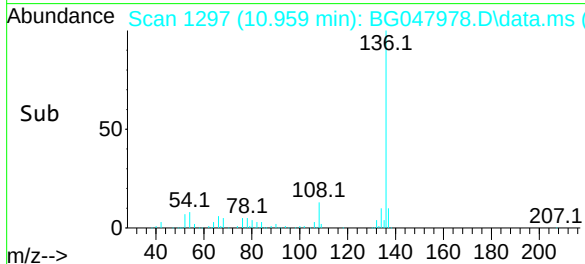
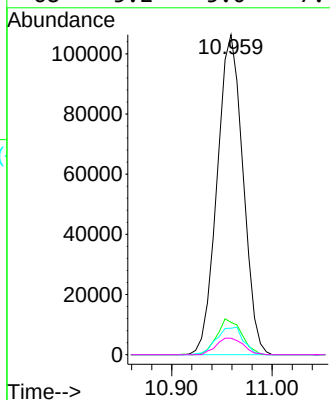
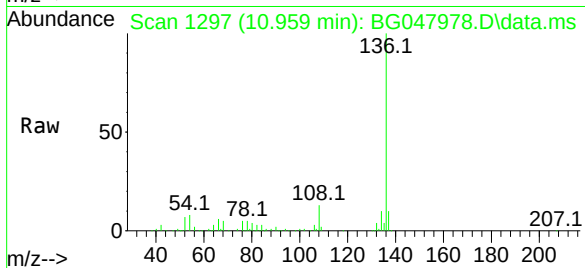




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.959 min Scan# 1297  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

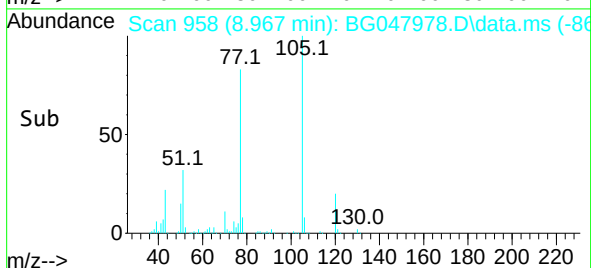
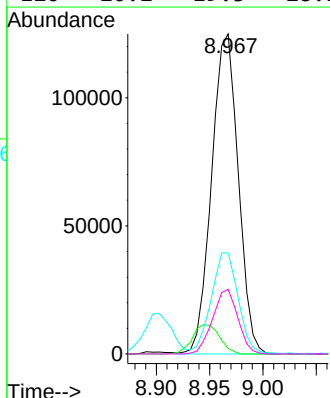
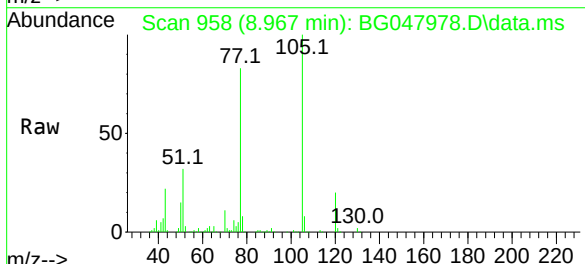
Instrument :  
BNA\_G  
ClientSampleId :  
PB134252BS

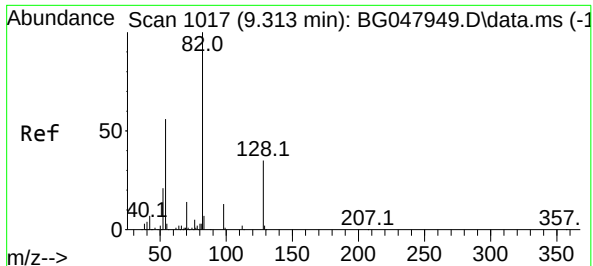
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 190149 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 10.1  | 9.1   | 13.7   |
| 54        | 8.3   | 6.2   | 9.4    |
| 68        | 5.2   | 5.0   | 7.4    |



#22  
Acetophenone  
Concen: 38.64 ng  
RT: 8.967 min Scan# 958  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 216855 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 1.8   | 2.7   | 4.1#   |
| 51        | 31.6  | 21.0  | 31.6#  |
| 120       | 20.2  | 19.3  | 28.9   |

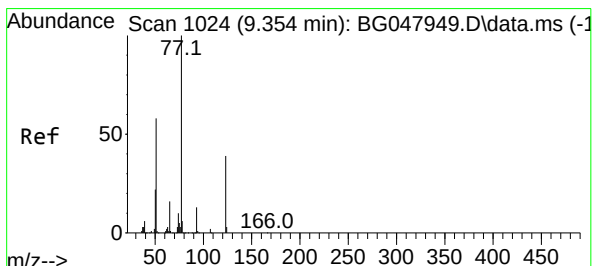
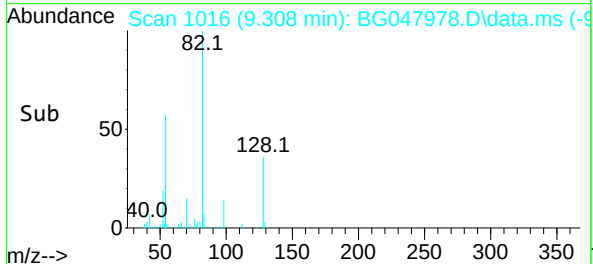
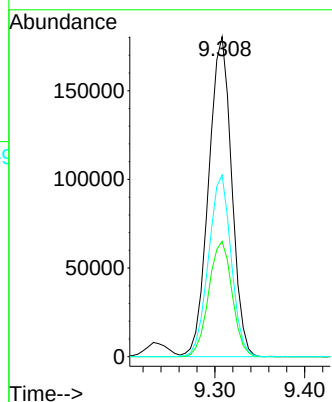
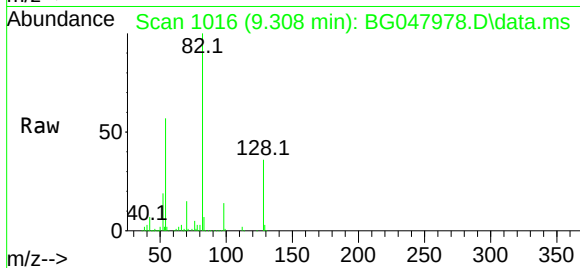




#23  
Nitrobenzene-d5  
Concen: 74.22 ng  
RT: 9.308 min Scan# 1016  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

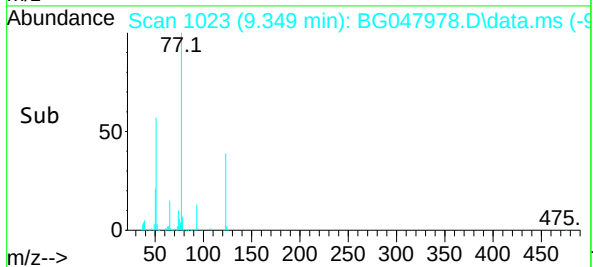
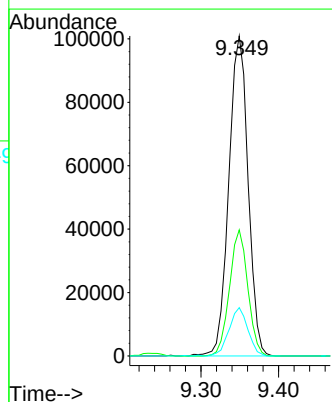
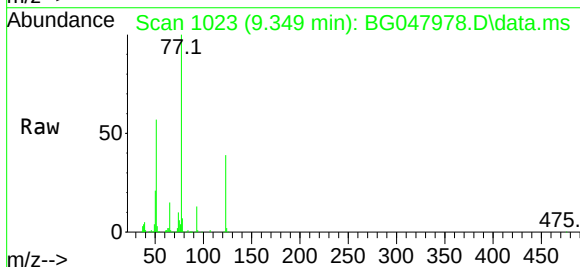
Instrument :  
BNA\_G  
ClientSampleId :  
PB134252BS

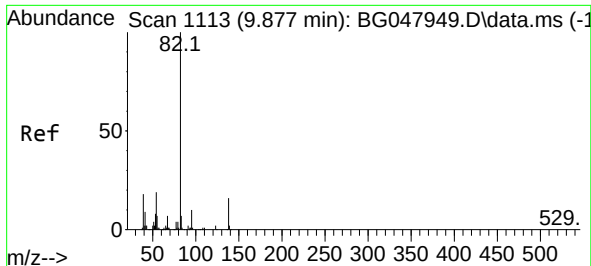
Tgt Ion: 82 Resp: 320940  
Ion Ratio Lower Upper  
82 100  
128 36.1 37.0 55.6#  
54 56.8 39.0 58.4



#24  
Nitrobenzene  
Concen: 40.00 ng  
RT: 9.349 min Scan# 1023  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

Tgt Ion: 77 Resp: 174647  
Ion Ratio Lower Upper  
77 100  
123 39.4 39.7 59.5#  
65 15.1 10.4 15.6

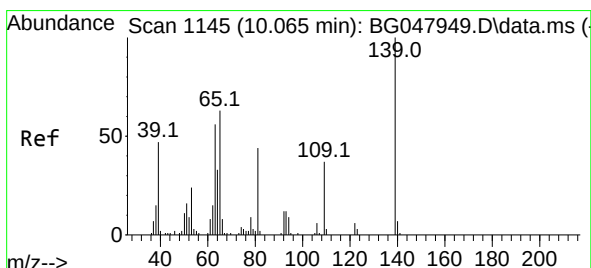
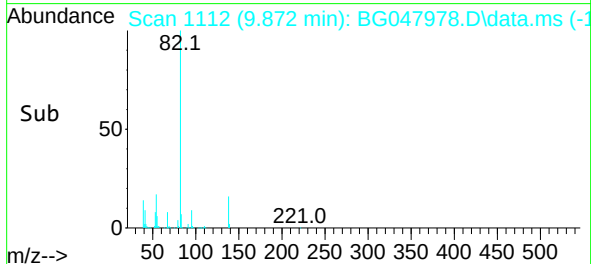
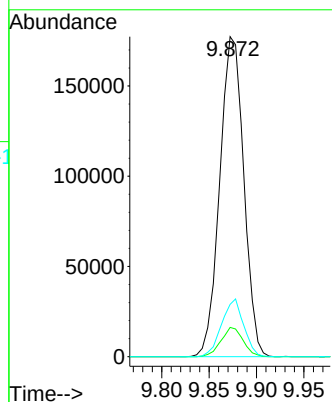
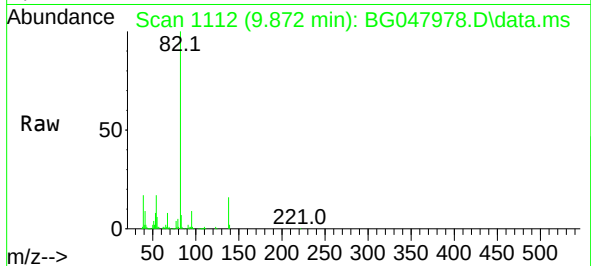




#25  
Isophorone  
Concen: 38.51 ng  
RT: 9.872 min Scan# 1112  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

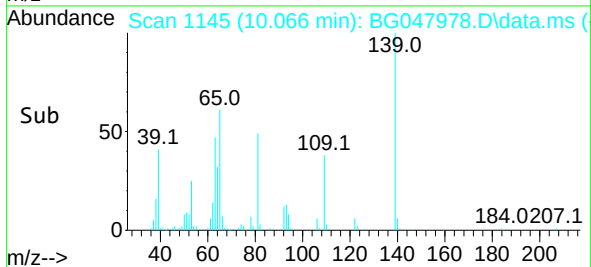
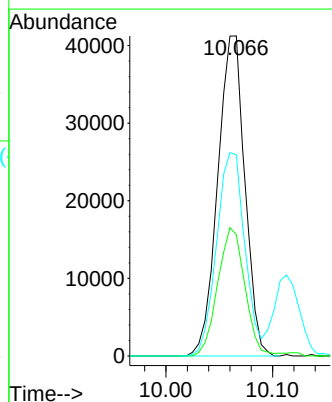
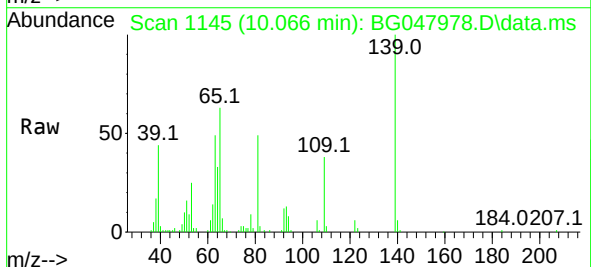
Instrument :  
BNA\_G  
ClientSampleId :  
PB134252BS

Tgt Ion: 82 Resp: 312780  
Ion Ratio Lower Upper  
82 100  
95 9.2 5.6 8.4#  
138 16.3 15.8 23.6

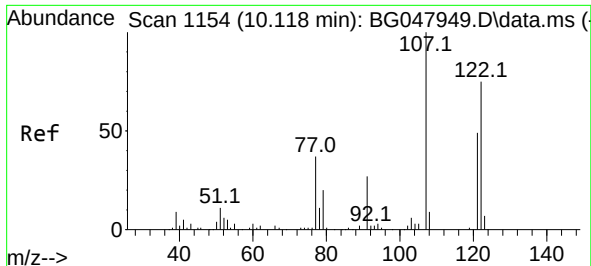


#26  
2-Nitrophenol  
Concen: 44.72 ng  
RT: 10.066 min Scan# 1145  
Delta R.T. 0.001 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

Tgt Ion: 139 Resp: 72912  
Ion Ratio Lower Upper  
139 100  
109 37.9 20.7 31.1#  
65 62.8 36.1 54.1#



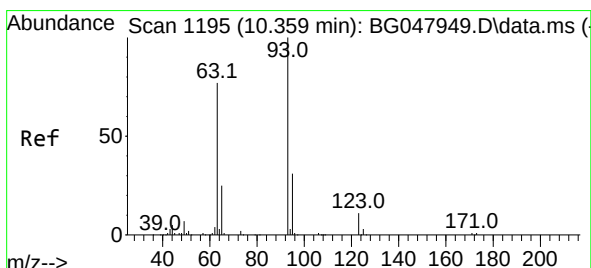
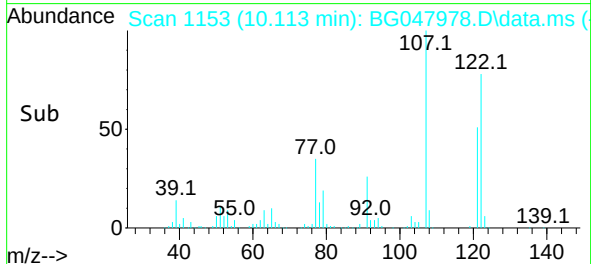
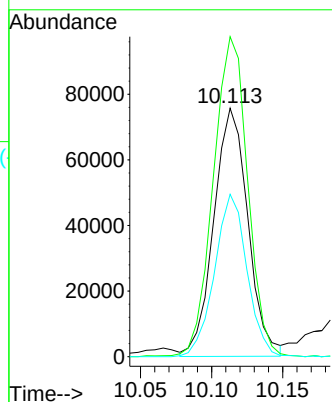
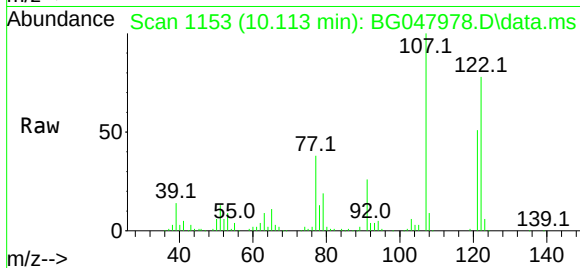




#27  
2,4-Dimethylphenol  
Concen: 46.53 ng  
RT: 10.113 min Scan# 1153  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

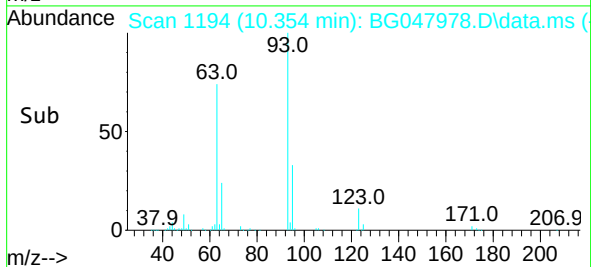
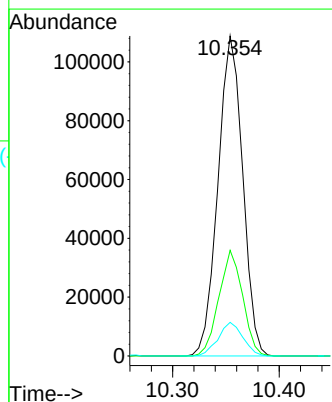
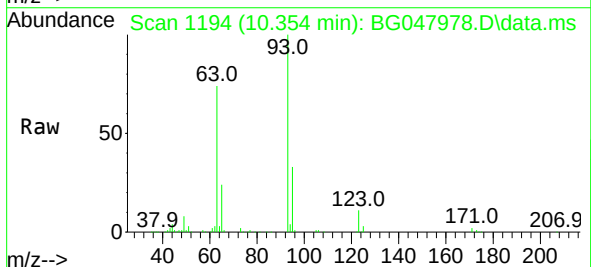
Instrument :  
BNA\_G  
ClientSampleId :  
PB134252BS

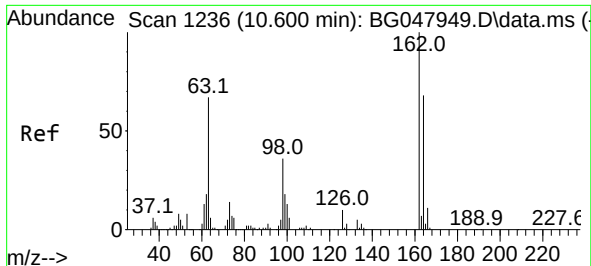
Tgt Ion:122 Resp: 126326  
Ion Ratio Lower Upper  
122 100  
107 128.8 89.2 133.8  
121 65.4 46.9 70.3



#28  
bis(2-Chloroethoxy)methane  
Concen: 36.24 ng  
RT: 10.354 min Scan# 1194  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

Tgt Ion: 93 Resp: 175059  
Ion Ratio Lower Upper  
93 100  
95 33.0 26.5 39.7  
123 10.5 9.4 14.0

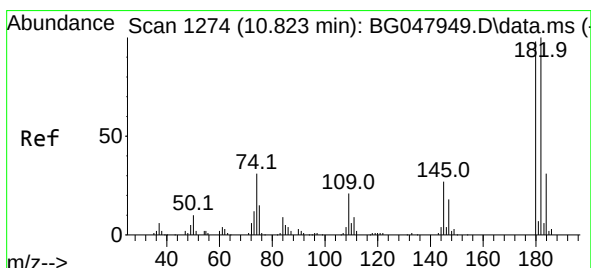
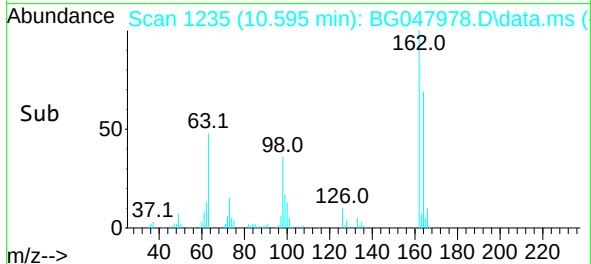
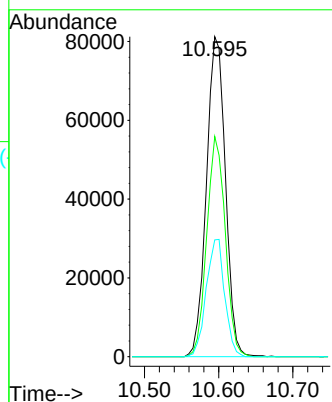
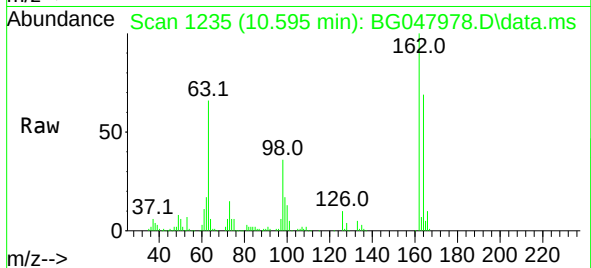




#29  
2,4-Dichlorophenol  
Concen: 42.74 ng  
RT: 10.595 min Scan# 1235  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

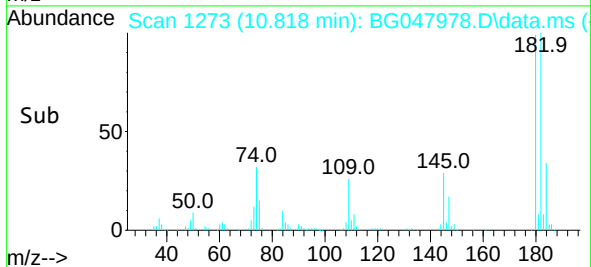
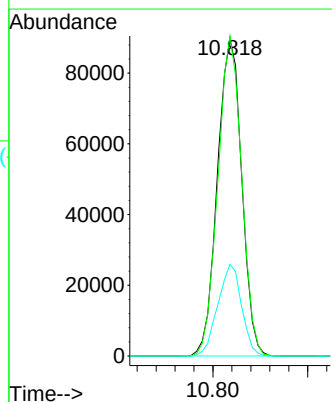
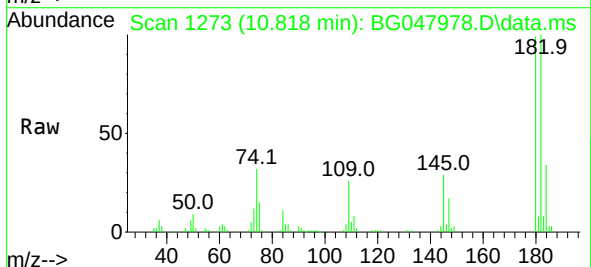
Instrument :  
BNA\_G  
ClientSampleId :  
PB134252BS

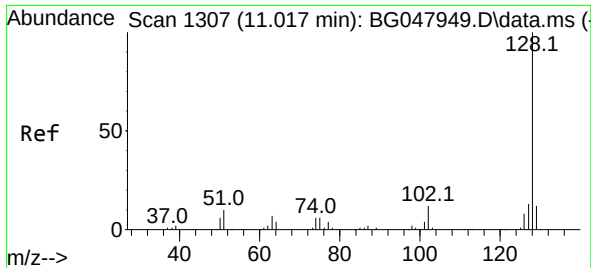
Tgt Ion:162 Resp: 144734  
Ion Ratio Lower Upper  
162 100  
164 68.8 45.6 85.6  
98 36.5 11.0 51.0



#30  
1,2,4-Trichlorobenzene  
Concen: 36.89 ng  
RT: 10.818 min Scan# 1273  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

Tgt Ion:180 Resp: 159714  
Ion Ratio Lower Upper  
180 100  
182 100.9 76.9 115.3  
145 28.9 21.4 32.0

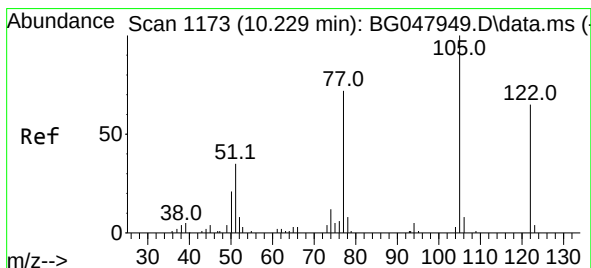
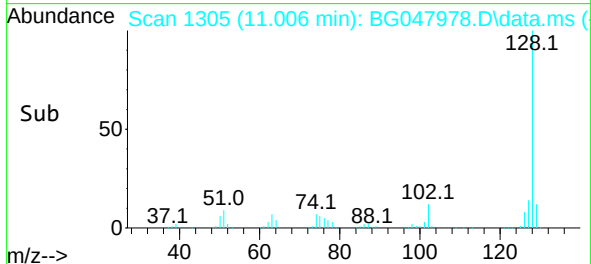
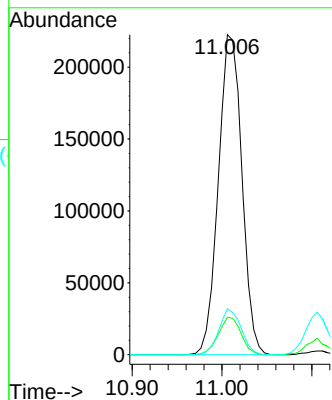
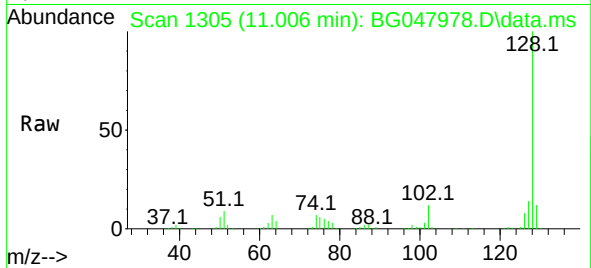




#31  
Naphthalene  
Concen: 38.41 ng  
RT: 11.006 min Scan# 1305  
Delta R.T. -0.011 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

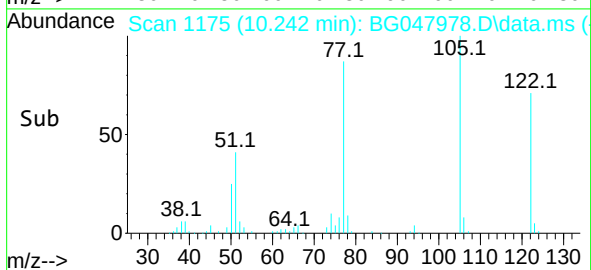
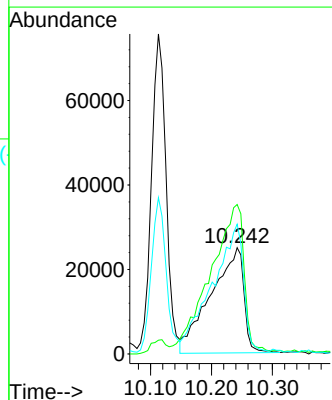
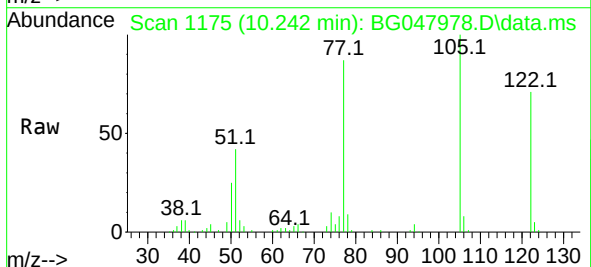
Instrument :  
BNA\_G  
ClientSampleId :  
PB134252BS

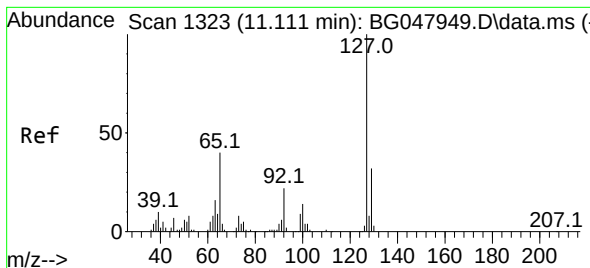
Tgt Ion:128 Resp: 404723  
Ion Ratio Lower Upper  
128 100  
129 11.7 9.0 13.6  
127 14.3 11.0 16.4



#32  
Benzoic acid  
Concen: 43.04 ng  
RT: 10.242 min Scan# 1175  
Delta R.T. 0.013 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

Tgt Ion:122 Resp: 93484  
Ion Ratio Lower Upper  
122 100  
105 140.6 103.7 143.7  
77 122.1 63.0 103.0#

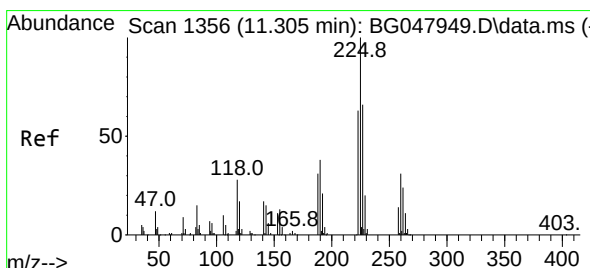
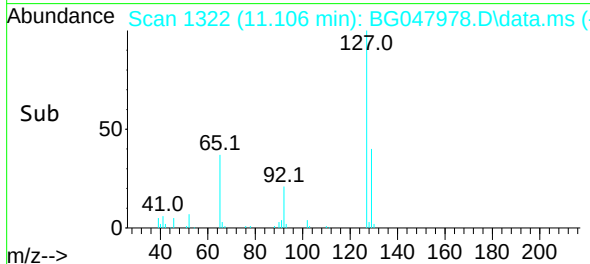
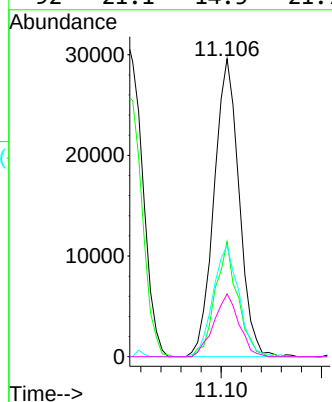
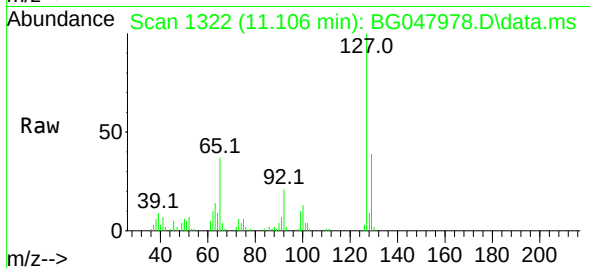




#33  
4-Chloroaniline  
Concen: 10.99 ng  
RT: 11.106 min Scan# 1322  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

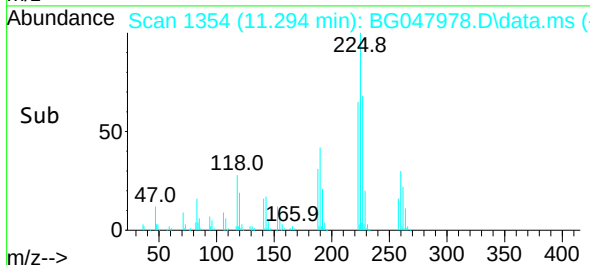
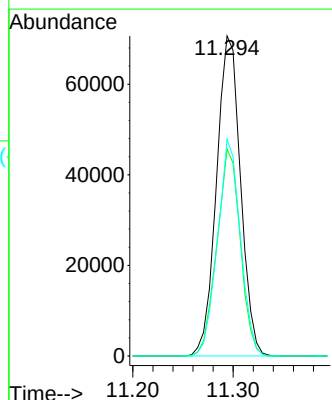
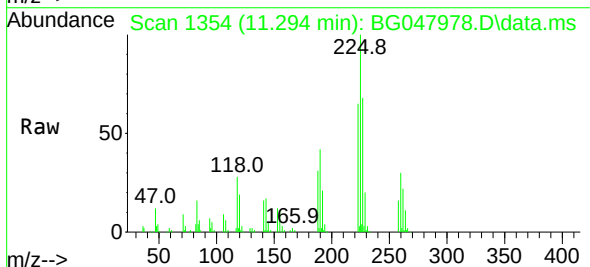
Instrument :  
BNA\_G  
ClientSampleId :  
PB134252BS

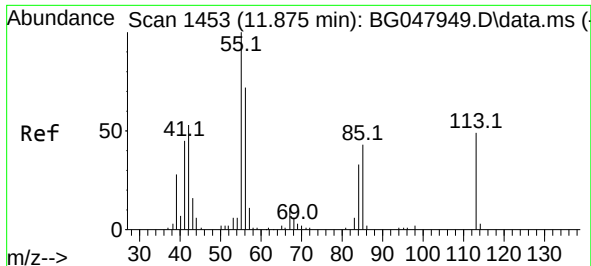
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:127 | Resp: | 51248      |
| Ion Ratio   | Lower | Upper      |
| 127         | 100   |            |
| 129         | 38.6  | 26.8 40.2  |
| 65          | 37.3  | 23.8 35.6# |
| 92          | 21.1  | 14.5 21.7  |



#34  
Hexachlorobutadiene  
Concen: 36.35 ng  
RT: 11.294 min Scan# 1354  
Delta R.T. -0.011 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 117300    |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 64.7  | 49.5 74.3 |
| 227         | 67.7  | 52.0 78.0 |

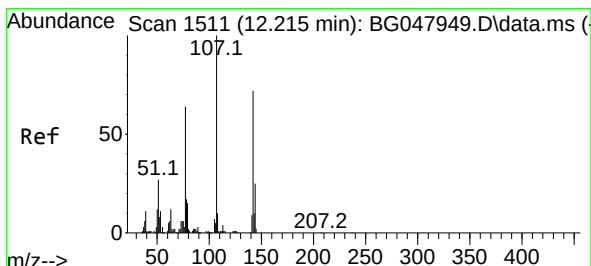
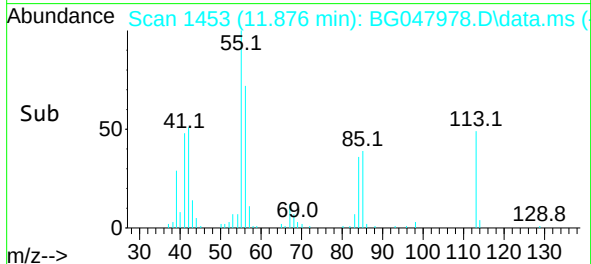
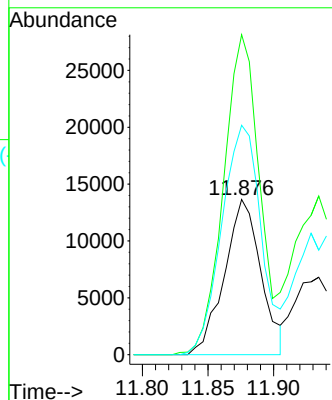
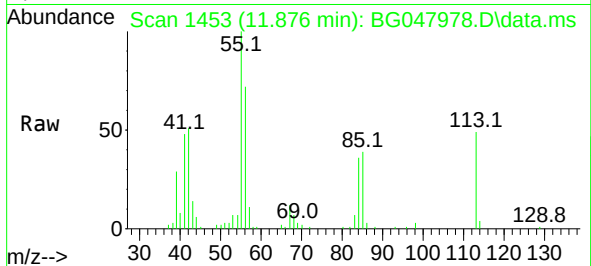




#35  
Caprolactam  
Concen: 20.76 ng  
RT: 11.876 min Scan# 1453  
Delta R.T. 0.001 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

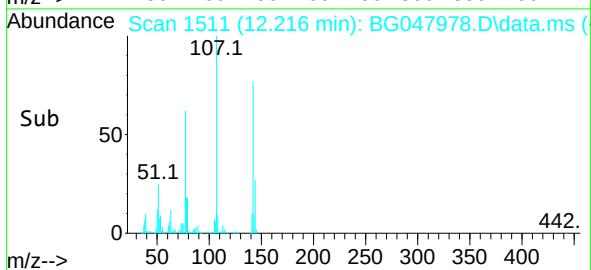
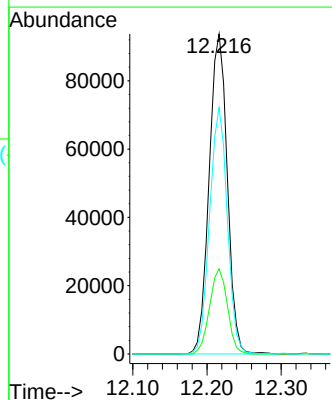
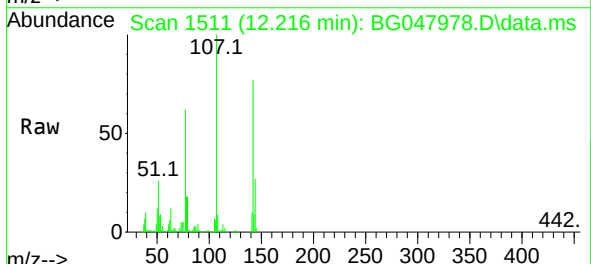
Instrument :  
BNA\_G  
ClientSampleId :  
PB134252BS

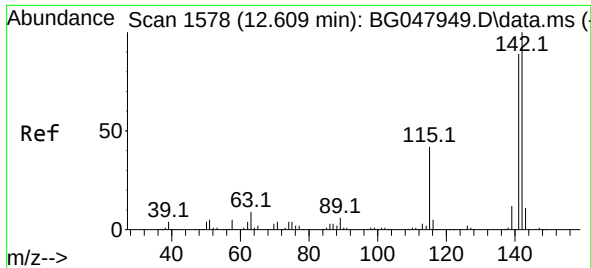
Tgt Ion:113 Resp: 26479  
Ion Ratio Lower Upper  
113 100  
55 206.1 149.2 189.2#  
56 147.8 107.2 147.2#



#36  
4-Chloro-3-methylphenol  
Concen: 42.27 ng  
RT: 12.216 min Scan# 1511  
Delta R.T. 0.001 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

Tgt Ion:107 Resp: 159310  
Ion Ratio Lower Upper  
107 100  
144 26.6 22.5 33.7  
142 77.0 70.8 106.2

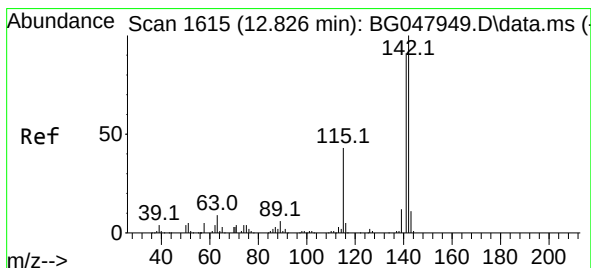
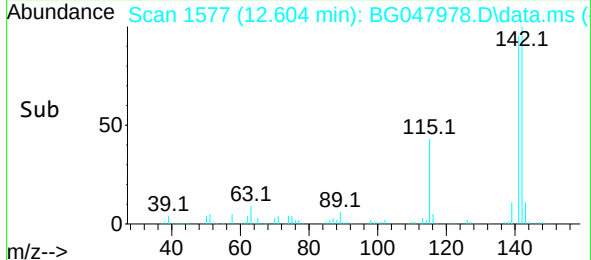
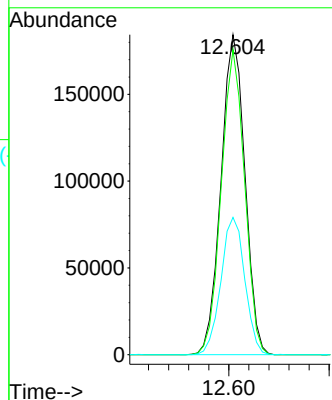
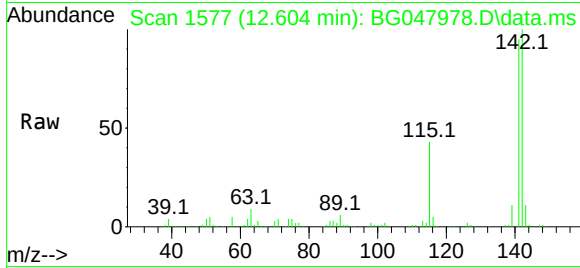




#37  
2-Methylnaphthalene  
Concen: 38.08 ng  
RT: 12.604 min Scan# 1577  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

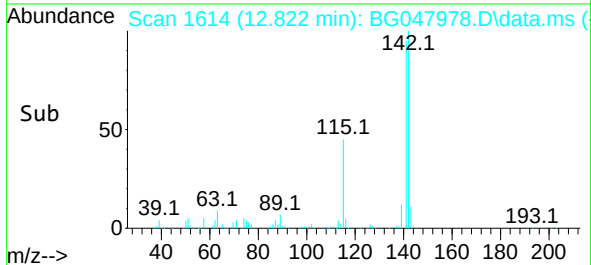
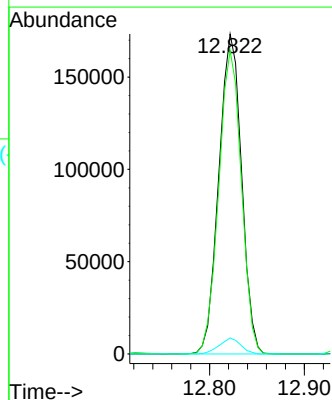
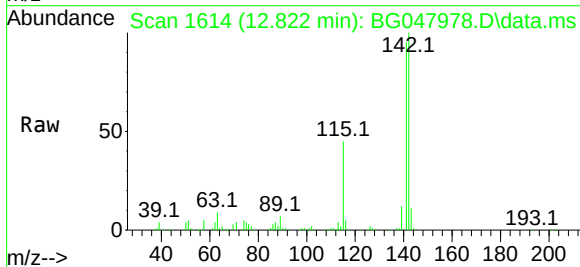
Instrument :  
BNA\_G  
ClientSampleId :  
PB134252BS

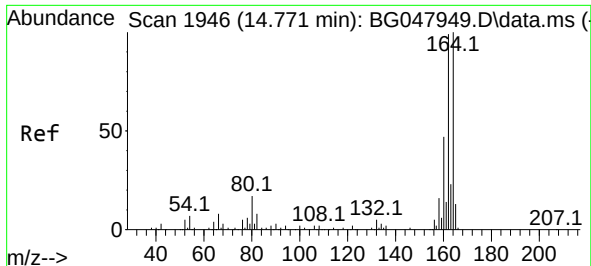
Tgt Ion:142 Resp: 304539  
Ion Ratio Lower Upper  
142 100  
141 95.3 71.6 107.4  
115 42.9 25.4 38.2#



#38  
1-Methylnaphthalene  
Concen: 38.53 ng  
RT: 12.822 min Scan# 1614  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

Tgt Ion:142 Resp: 288501  
Ion Ratio Lower Upper  
142 100  
141 94.8 75.4 113.2  
116 5.0 2.9 4.3#

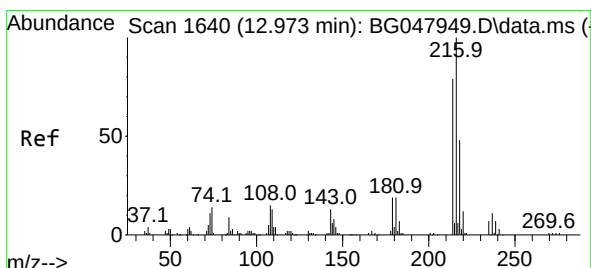
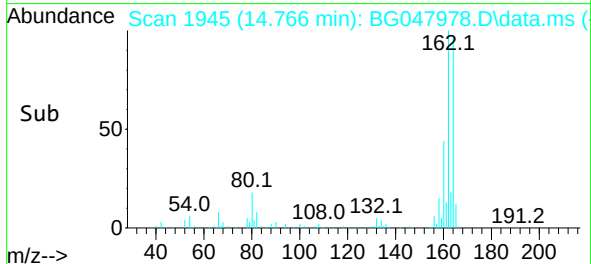
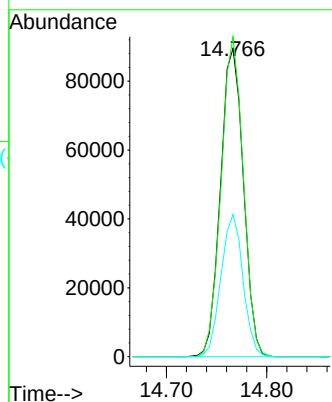
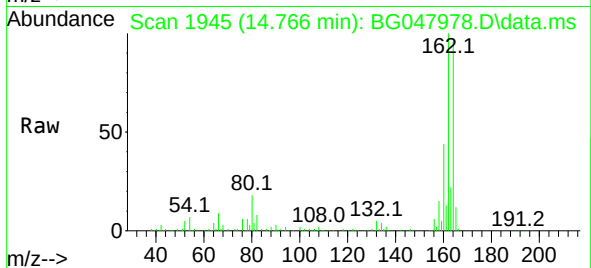




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.766 min Scan# 1945  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

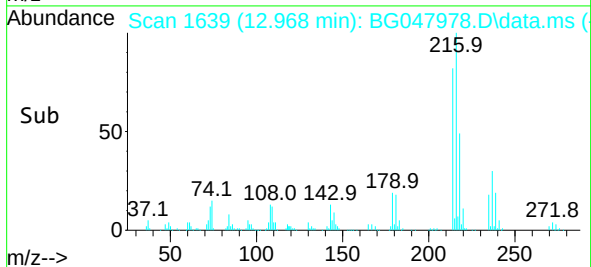
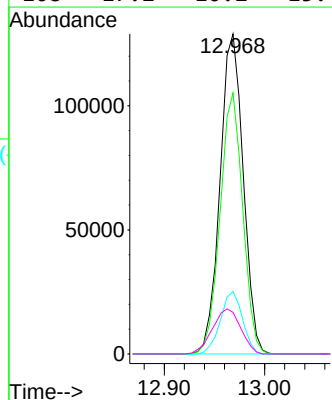
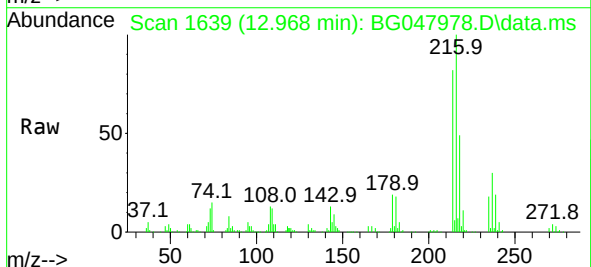
Instrument :  
BNA\_G  
ClientSampleId :  
PB134252BS

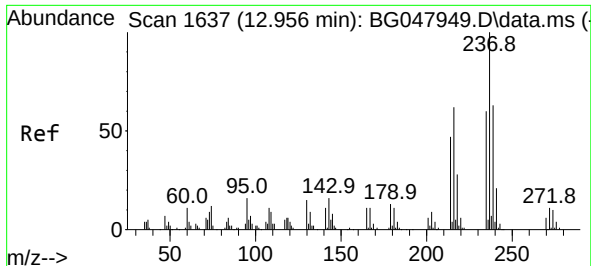
Tgt Ion:164 Resp: 141679  
Ion Ratio Lower Upper  
164 100  
162 103.8 82.3 123.5  
160 46.1 35.3 52.9



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 38.19 ng  
RT: 12.968 min Scan# 1639  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

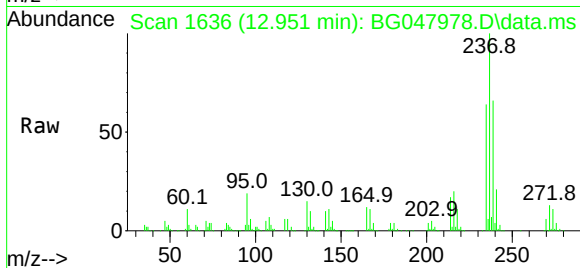
Tgt Ion:216 Resp: 206546  
Ion Ratio Lower Upper  
216 100  
214 79.4 61.9 92.9  
179 18.6 14.8 22.2  
108 17.2 10.2 15.4#



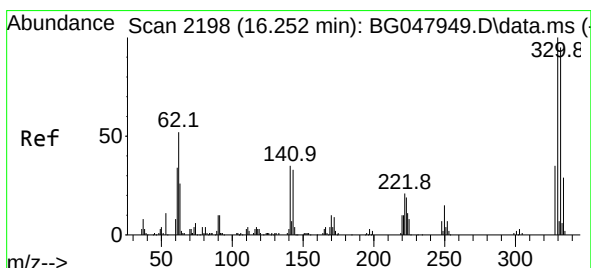
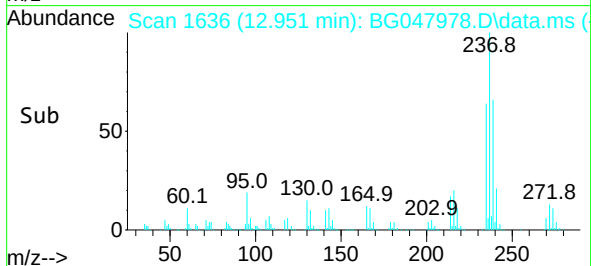
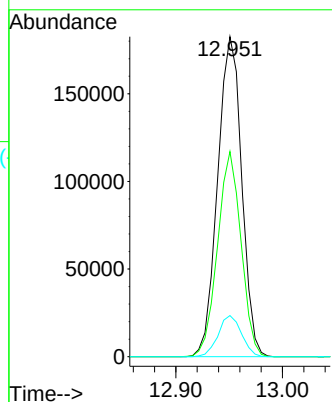


#41  
Hexachlorocyclopentadiene  
Concen: 98.87 ng  
RT: 12.951 min Scan# 1636  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

Instrument :  
BNA\_G  
ClientSampleId :  
PB134252BS

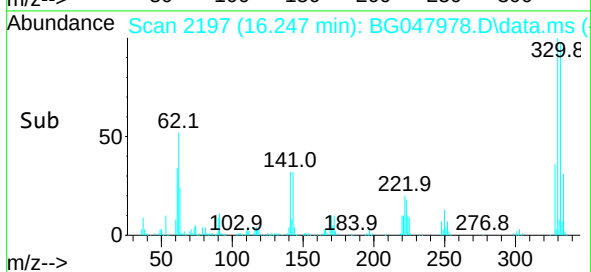
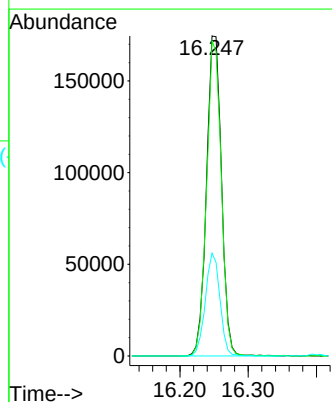
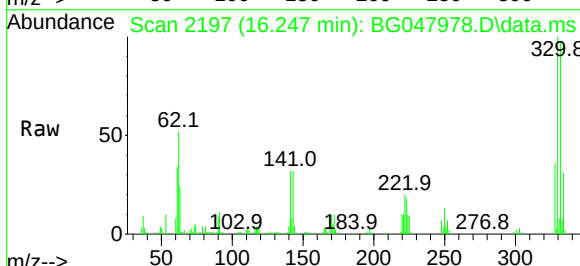


Tgt Ion:237 Resp: 285735  
Ion Ratio Lower Upper  
237 100  
235 64.1 43.1 83.1  
272 12.9 0.0 33.1

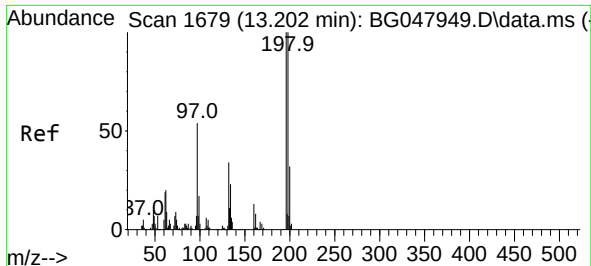


#42  
2,4,6-Tribromophenol  
Concen: 117.60 ng  
RT: 16.247 min Scan# 2197  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

Tgt Ion:330 Resp: 266623  
Ion Ratio Lower Upper  
330 100  
332 96.6 76.5 114.7  
141 31.3 26.0 39.0



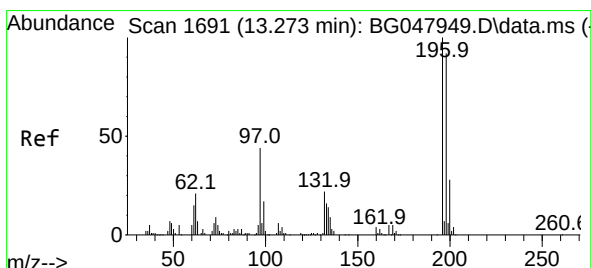
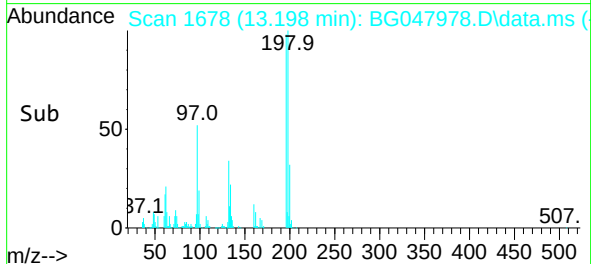
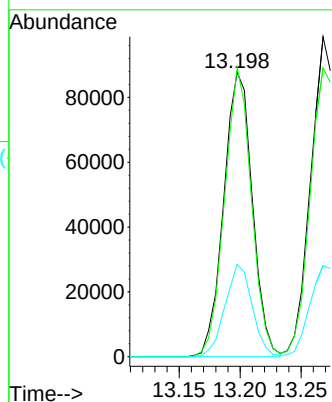
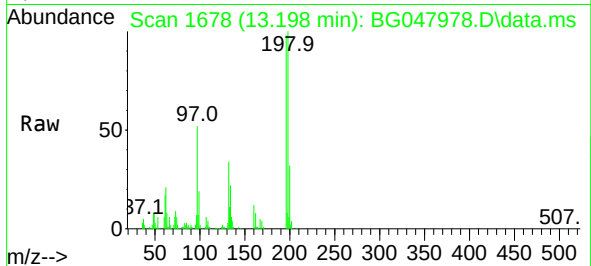




#43  
2,4,6-Trichlorophenol  
Concen: 41.57 ng  
RT: 13.198 min Scan# 1678  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

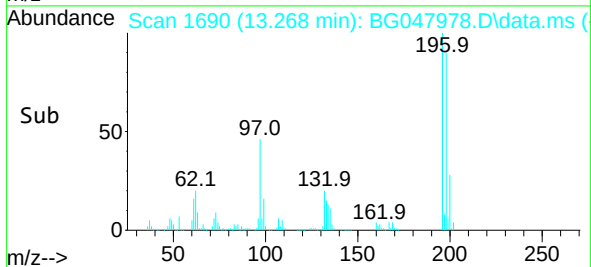
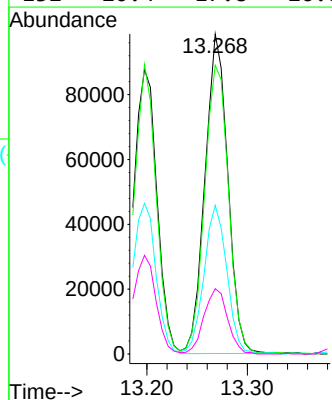
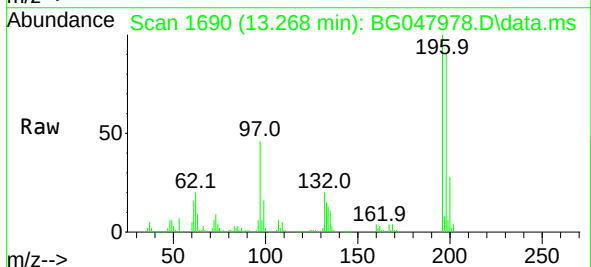
Instrument :  
BNA\_G  
ClientSampleId :  
PB134252BS

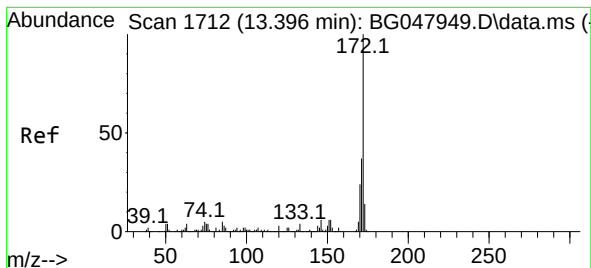
Tgt Ion:196 Resp: 143569  
Ion Ratio Lower Upper  
196 100  
198 101.8 74.9 112.3  
200 32.5 25.3 37.9



#44  
2,4,5-Trichlorophenol  
Concen: 44.05 ng  
RT: 13.268 min Scan# 1690  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

Tgt Ion:196 Resp: 155851  
Ion Ratio Lower Upper  
196 100  
198 90.3 77.6 116.4  
97 46.5 28.6 43.0#  
132 20.4 17.8 26.8



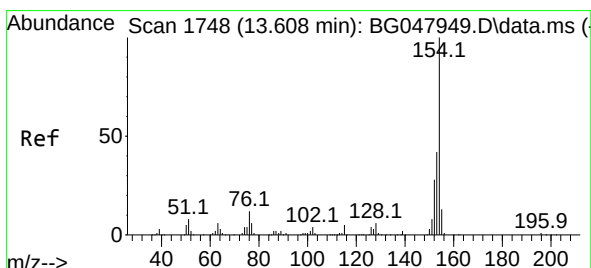
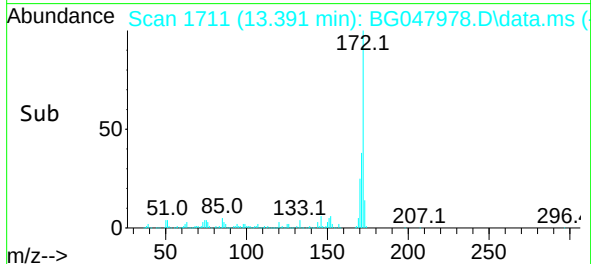
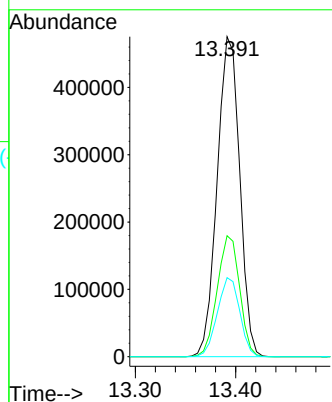
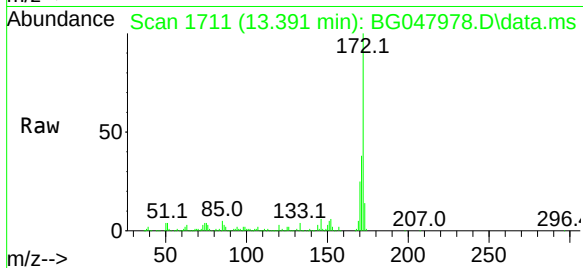


#45  
2-Fluorobiphenyl  
Concen: 69.80 ng  
RT: 13.391 min Scan# 1711  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

Instrument :  
BNA\_G  
ClientSampleId :  
PB134252BS

Tgt Ion:172 Resp: 740511

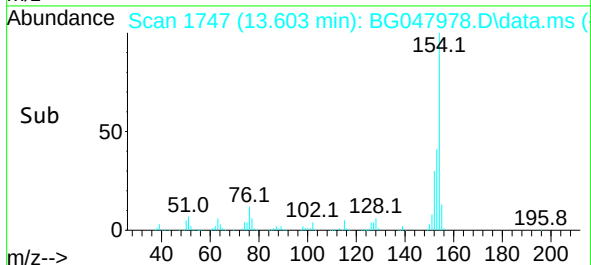
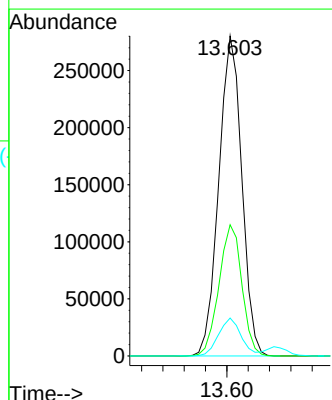
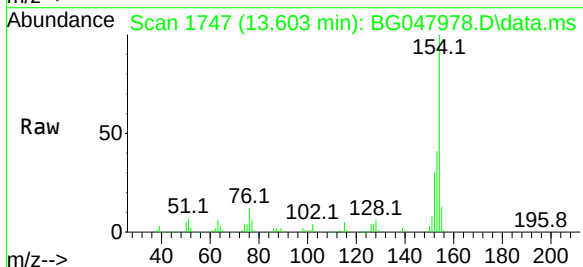
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 37.8  | 31.3  | 46.9  |
| 170 | 24.7  | 20.8  | 31.2  |

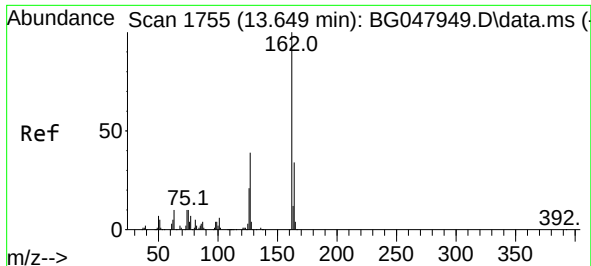


#46  
1,1'-Biphenyl  
Concen: 38.81 ng  
RT: 13.603 min Scan# 1747  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

Tgt Ion:154 Resp: 419184

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 41.0  | 22.6  | 62.6  |
| 76  | 11.8  | 0.0   | 32.6  |

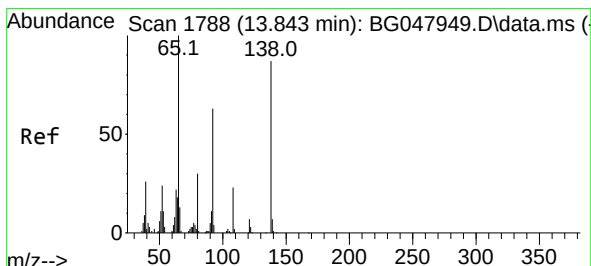
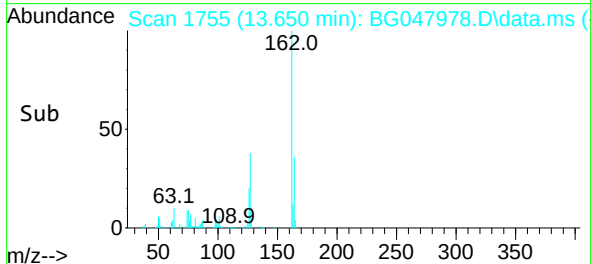
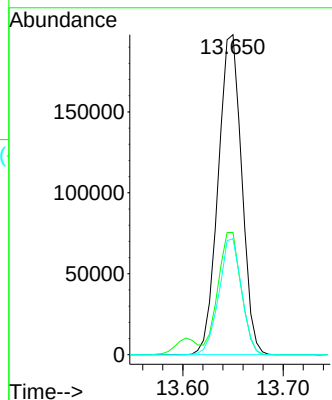
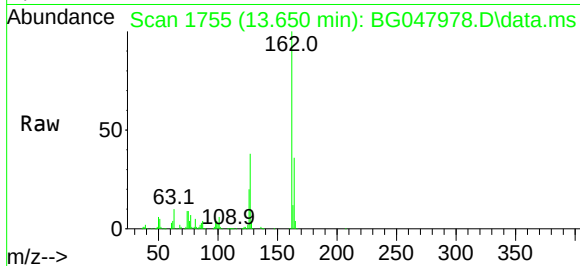




#47  
2-Chloronaphthalene  
Concen: 36.72 ng  
RT: 13.650 min Scan# 1755  
Delta R.T. 0.001 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

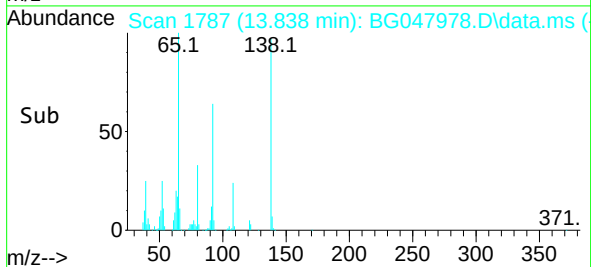
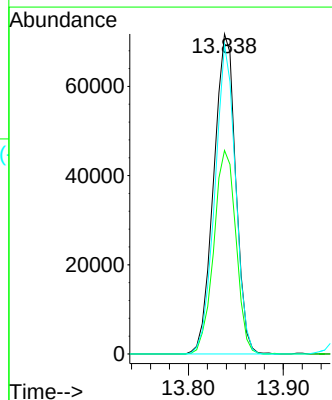
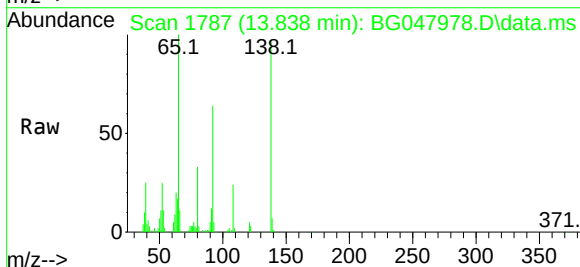
Instrument :  
BNA\_G  
ClientSampleId :  
PB134252BS

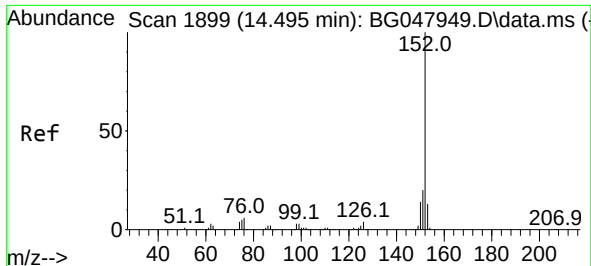
Tgt Ion:162 Resp: 321272  
Ion Ratio Lower Upper  
162 100  
127 38.2 27.8 41.6  
164 36.3 27.0 40.4



#48  
2-Nitroaniline  
Concen: 37.87 ng  
RT: 13.838 min Scan# 1787  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

Tgt Ion: 65 Resp: 115703  
Ion Ratio Lower Upper  
65 100  
92 63.6 58.6 88.0  
138 96.7 98.2 147.4#

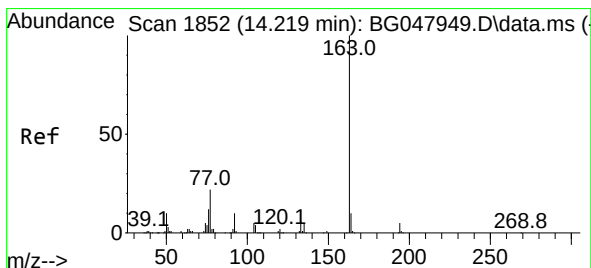
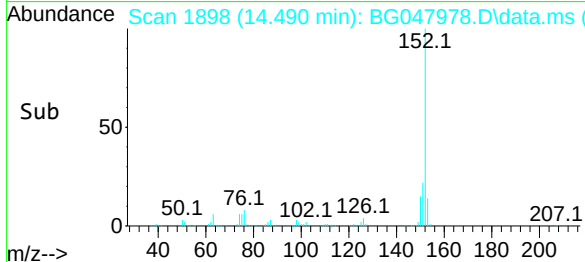
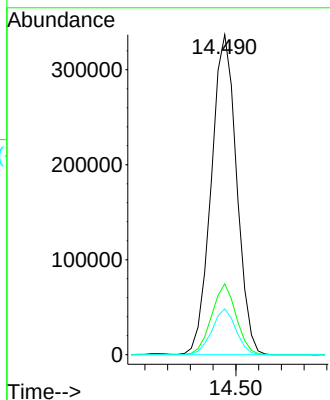
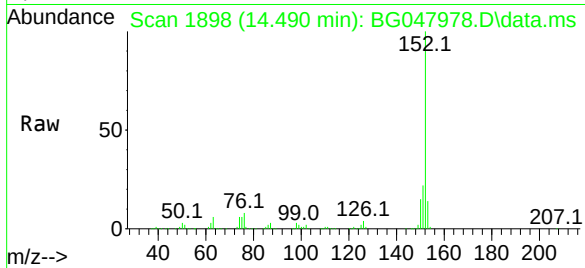




#49  
Acenaphthylene  
Concen: 38.03 ng  
RT: 14.490 min Scan# 1898  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

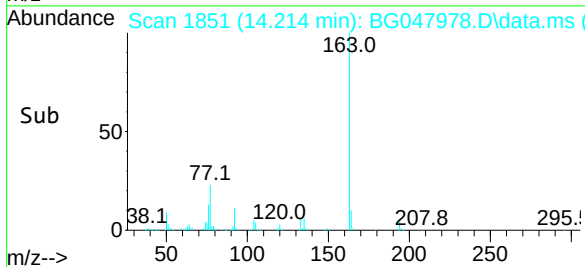
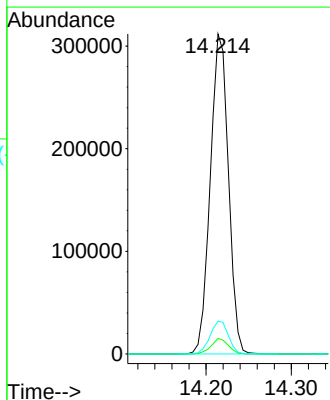
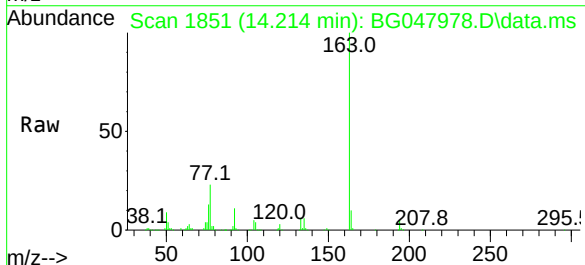
Instrument :  
BNA\_G  
ClientSampleId :  
PB134252BS

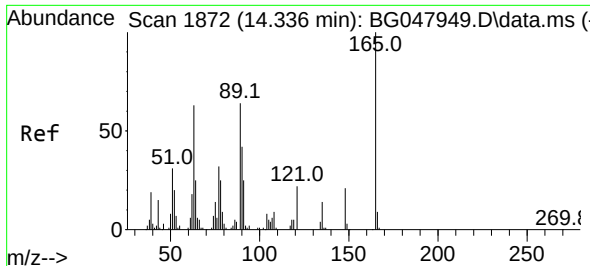
Tgt Ion:152 Resp: 521962  
Ion Ratio Lower Upper  
152 100  
151 22.1 17.4 26.0  
153 14.3 11.5 17.3



#50  
Dimethylphthalate  
Concen: 37.35 ng  
RT: 14.214 min Scan# 1851  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

Tgt Ion:163 Resp: 460016  
Ion Ratio Lower Upper  
163 100  
194 4.9 3.8 5.8  
164 10.3 8.8 13.2

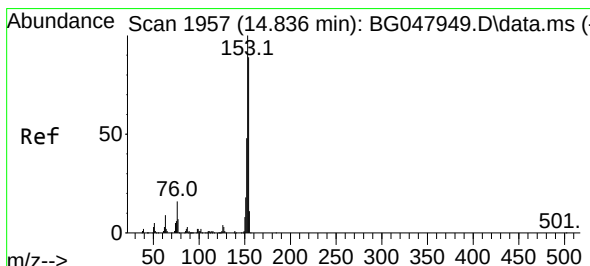
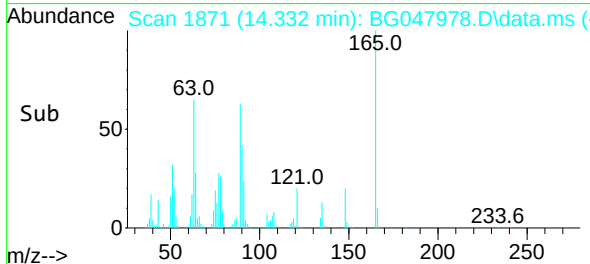
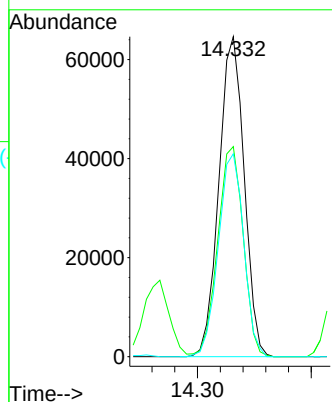
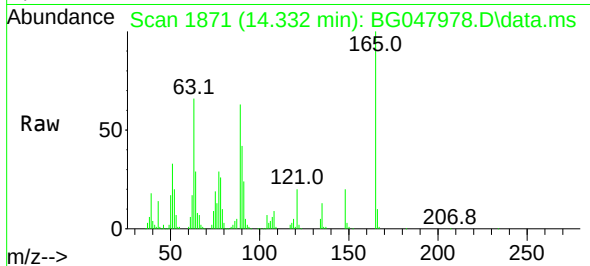




#51  
2,6-Dinitrotoluene  
Concen: 42.00 ng  
RT: 14.332 min Scan# 1871  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

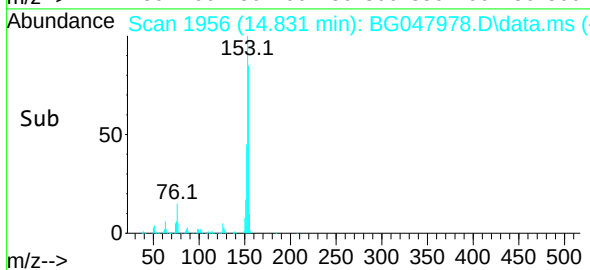
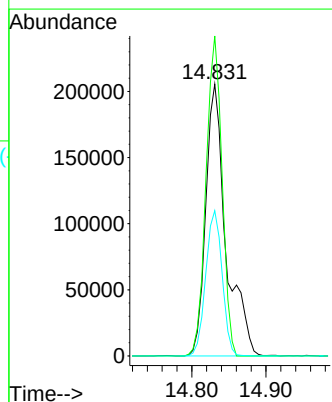
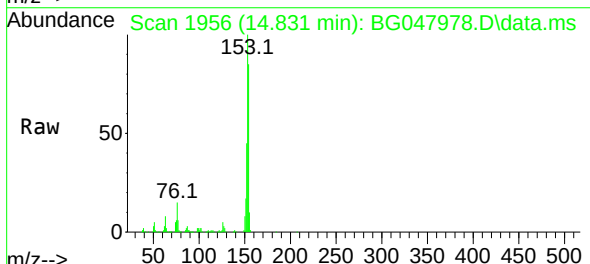
Instrument :  
BNA\_G  
ClientSampleId :  
PB134252BS

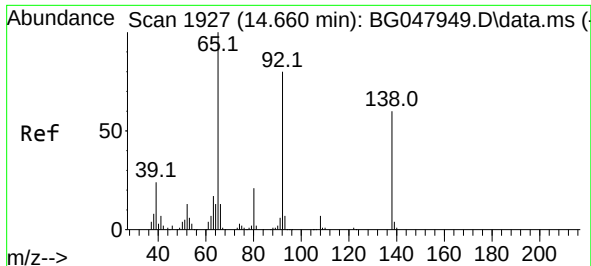
Tgt Ion:165 Resp: 99587  
Ion Ratio Lower Upper  
165 100  
63 65.6 33.7 50.5#  
89 63.4 36.6 54.8#



#52  
Acenaphthene  
Concen: 43.03 ng  
RT: 14.831 min Scan# 1956  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

Tgt Ion:154 Resp: 391652  
Ion Ratio Lower Upper  
154 100  
153 117.7 90.3 135.5  
152 53.4 43.8 65.8

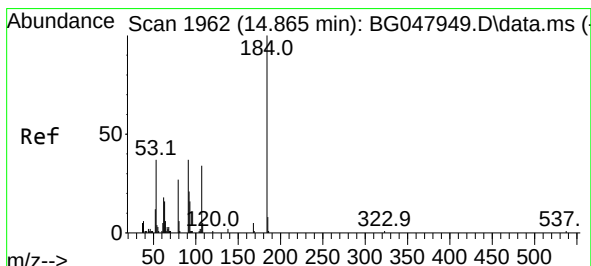
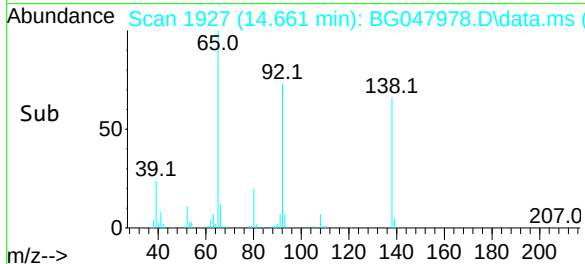
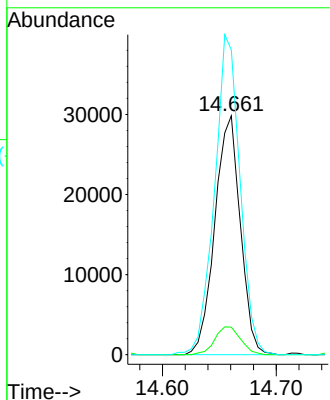
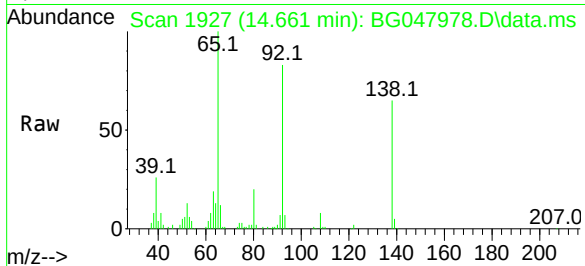




#53  
3-Nitroaniline  
Concen: 17.96 ng  
RT: 14.661 min Scan# 1927  
Delta R.T. 0.001 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

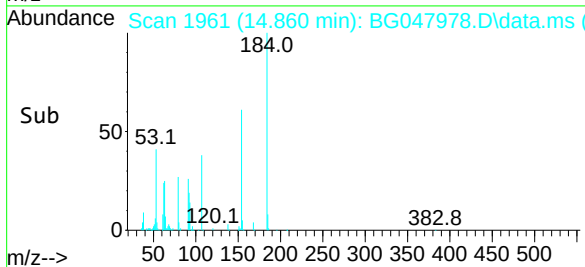
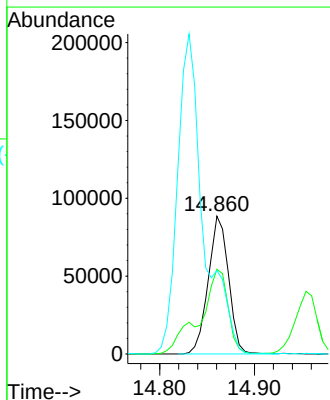
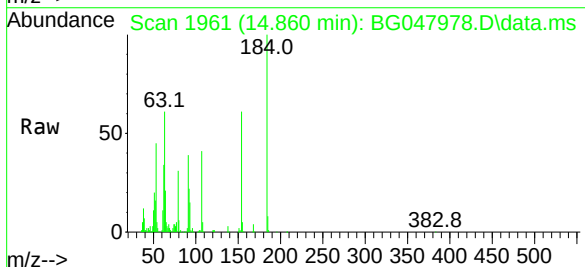
Instrument :  
BNA\_G  
ClientSampleId :  
PB134252BS

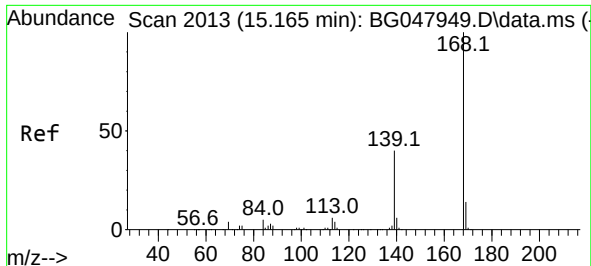
Tgt Ion:138 Resp: 46459  
Ion Ratio Lower Upper  
138 100  
108 11.5 7.4 11.0#  
92 127.6 85.2 127.8



#54  
2,4-Dinitrophenol  
Concen: 96.79 ng  
RT: 14.860 min Scan# 1961  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

Tgt Ion:184 Resp: 131478  
Ion Ratio Lower Upper  
184 100  
63 61.5 32.3 48.5#  
154 60.5 40.4 60.6

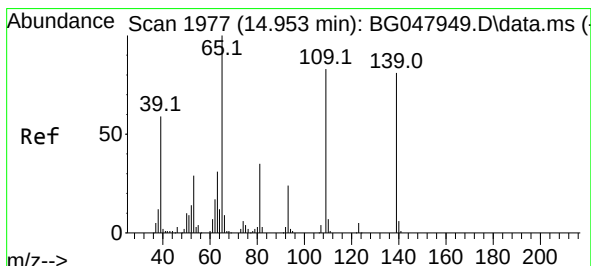
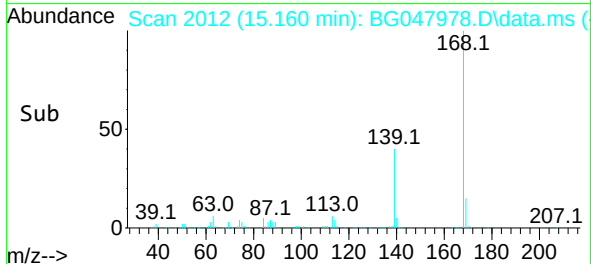
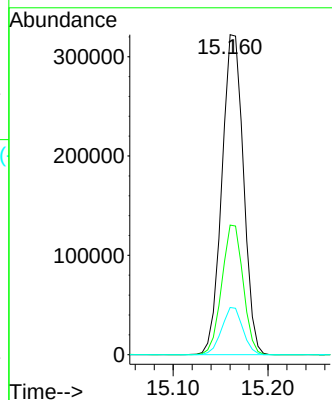
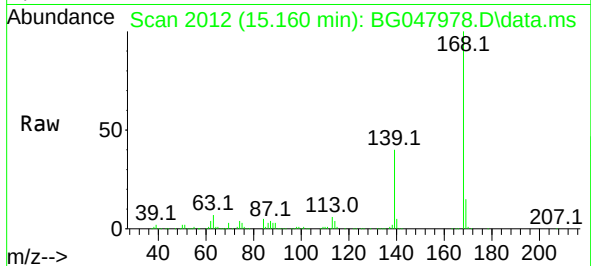




#55  
Dibenzofuran  
Concen: 37.68 ng  
RT: 15.160 min Scan# 2012  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

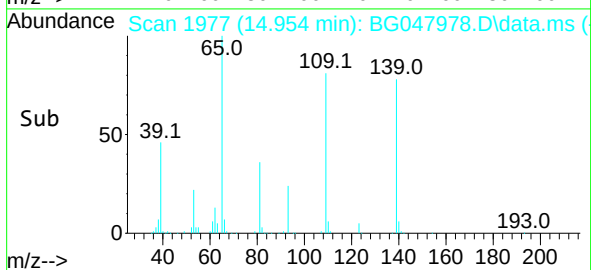
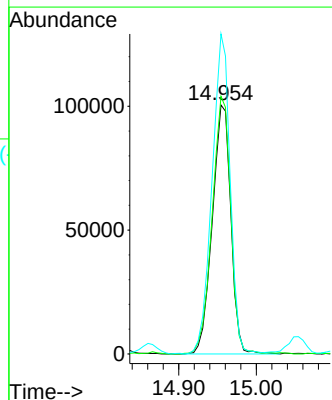
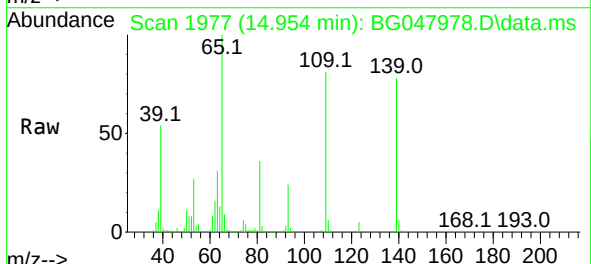
Instrument :  
BNA\_G  
ClientSampleId :  
PB134252BS

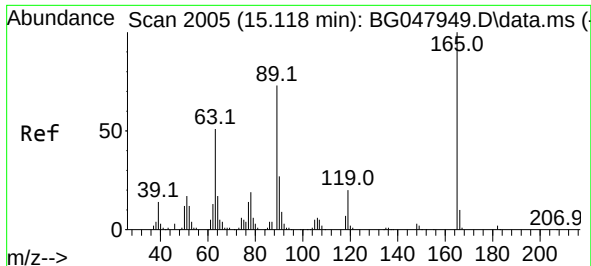
Tgt Ion:168 Resp: 509950  
Ion Ratio Lower Upper  
168 100  
139 40.5 28.6 43.0  
169 14.8 11.0 16.6



#56  
4-Nitrophenol  
Concen: 82.22 ng  
RT: 14.954 min Scan# 1977  
Delta R.T. 0.001 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

Tgt Ion:139 Resp: 166072  
Ion Ratio Lower Upper  
139 100  
109 103.5 45.9 85.9#  
65 128.5 65.4 105.4#

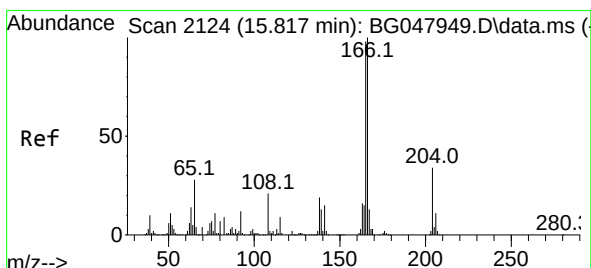
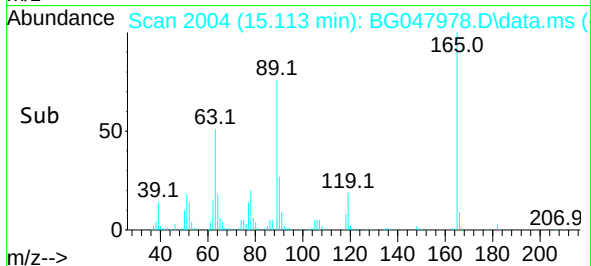
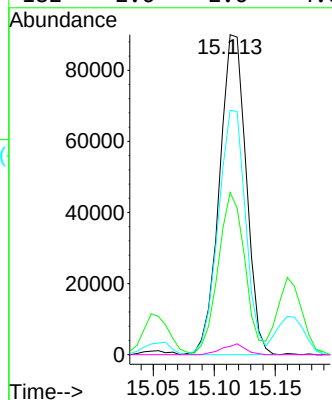
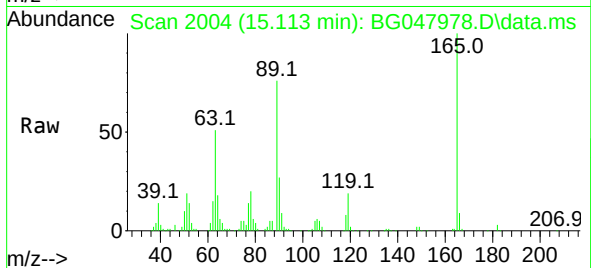




#57  
2,4-Dinitrotoluene  
Concen: 41.31 ng  
RT: 15.113 min Scan# 2004  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

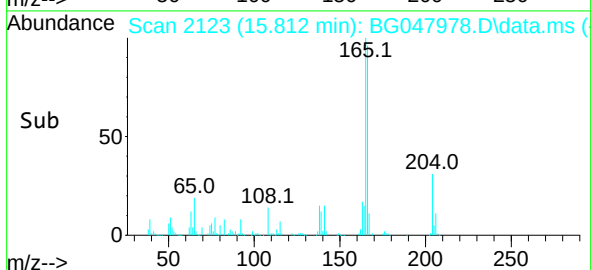
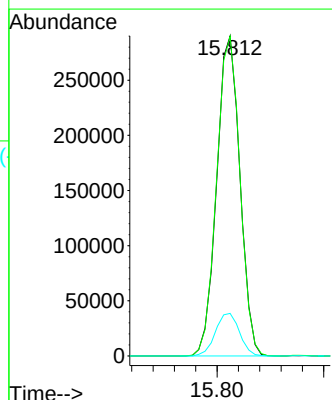
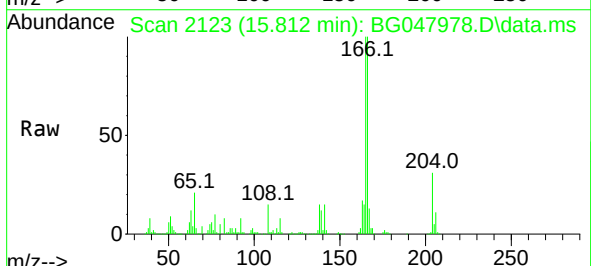
Instrument :  
BNA\_G  
ClientSampleId :  
PB134252BS

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:165 | Resp: | 137423     |
| Ion Ratio   | Lower | Upper      |
| 165         | 100   |            |
| 63          | 50.7  | 26.4 39.6# |
| 89          | 76.4  | 47.8 71.8# |
| 182         | 2.6   | 2.6 4.0#   |

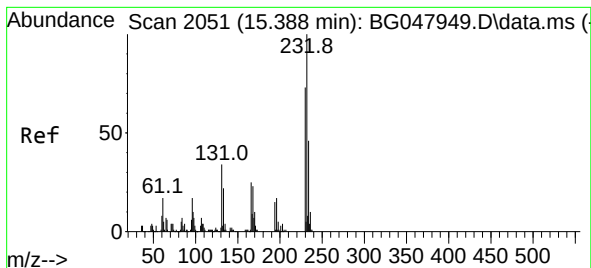


#58  
Fluorene  
Concen: 38.07 ng  
RT: 15.812 min Scan# 2123  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:166 | Resp: | 437481     |
| Ion Ratio   | Lower | Upper      |
| 166         | 100   |            |
| 165         | 99.8  | 77.2 115.8 |
| 167         | 13.3  | 11.4 17.2  |



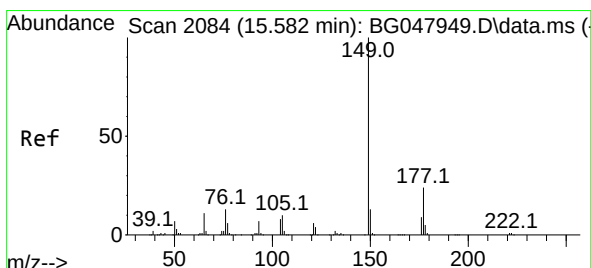
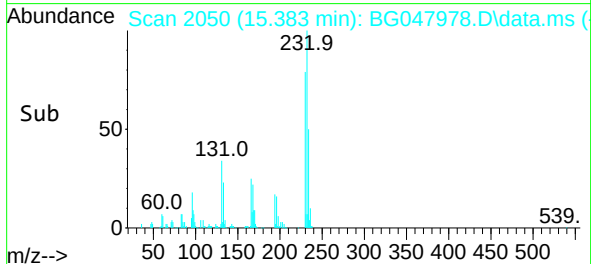
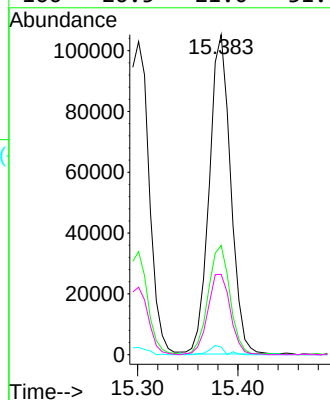
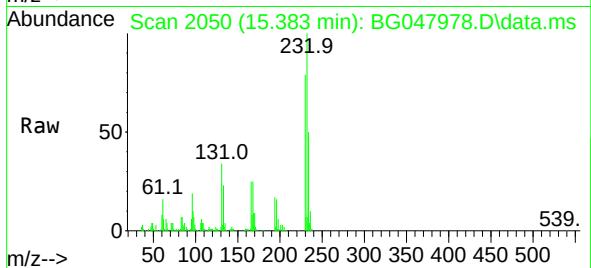




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.35 ng  
RT: 15.383 min Scan# 2050  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

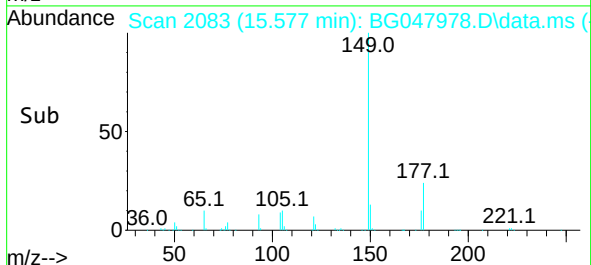
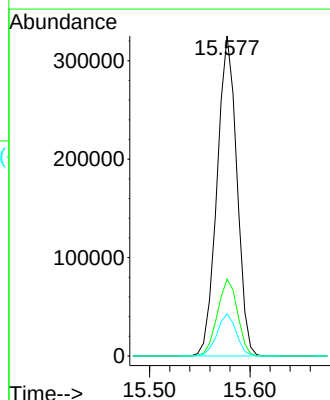
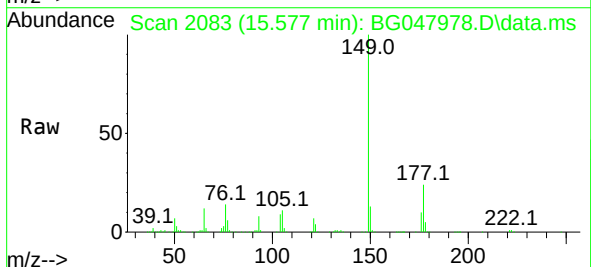
Instrument :  
BNA\_G  
ClientSampleId :  
PB134252BS

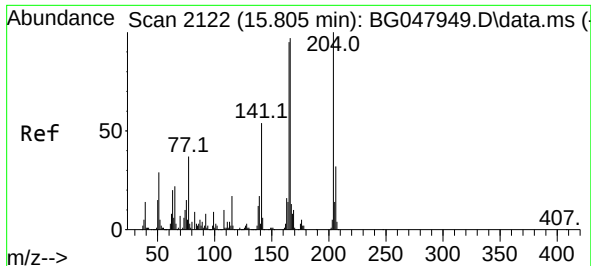
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:232 | Resp: | 155547    |
| Ion Ratio   | Lower | Upper     |
| 232         | 100   |           |
| 131         | 35.2  | 26.6 40.0 |
| 130         | 2.0   | 1.4 2.0   |
| 166         | 26.5  | 21.0 31.6 |



#60  
Diethylphthalate  
Concen: 36.90 ng  
RT: 15.577 min Scan# 2083  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 445749    |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 177         | 24.0  | 21.4 32.2 |
| 150         | 13.2  | 10.7 16.1 |

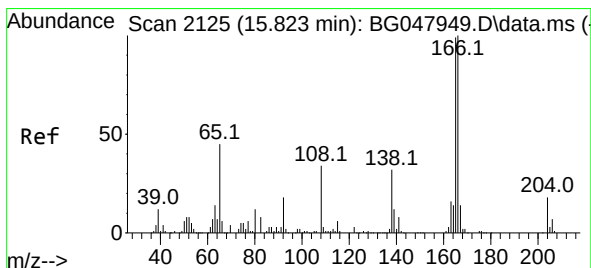
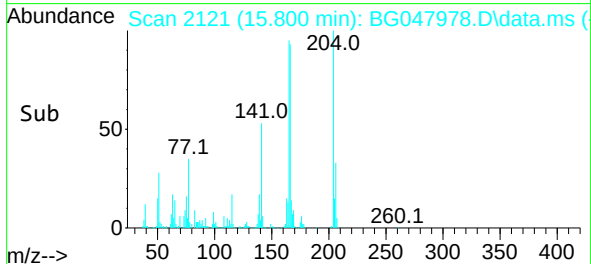
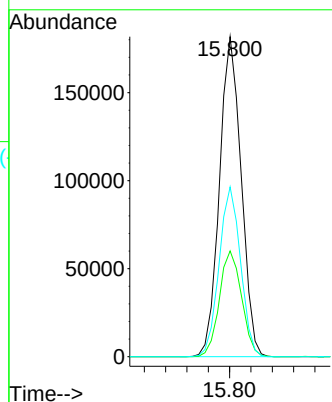
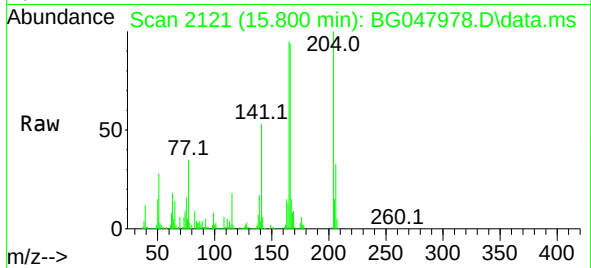




#61  
4-Chlorophenyl-phenylether  
Concen: 37.35 ng  
RT: 15.800 min Scan# 2121  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

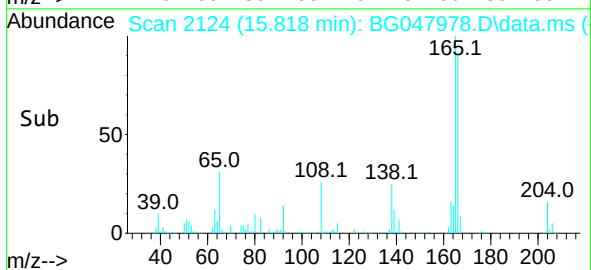
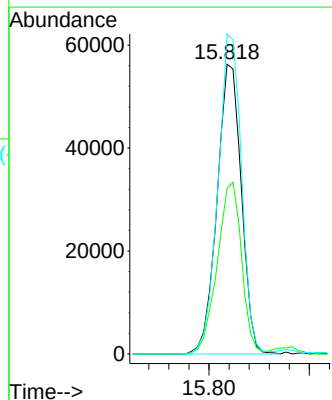
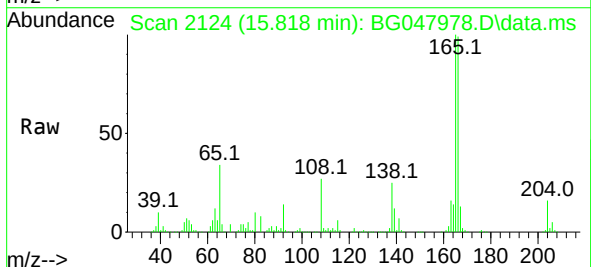
Instrument :  
BNA\_G  
ClientSampleId :  
PB134252BS

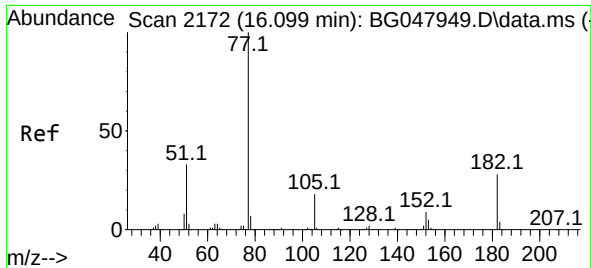
Tgt Ion:204 Resp: 256572  
Ion Ratio Lower Upper  
204 100  
206 33.0 27.8 41.8  
141 53.1 41.5 62.3



#62  
4-Nitroaniline  
Concen: 33.12 ng  
RT: 15.818 min Scan# 2124  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

Tgt Ion:138 Resp: 94312  
Ion Ratio Lower Upper  
138 100  
92 57.1 26.9 66.9  
108 110.5 49.4 89.4#

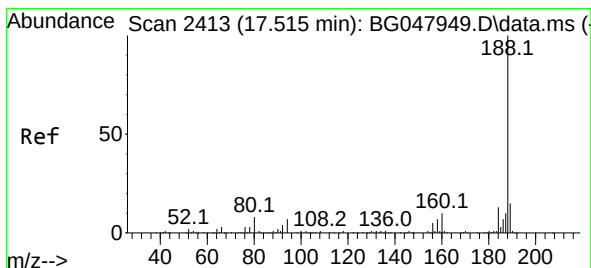
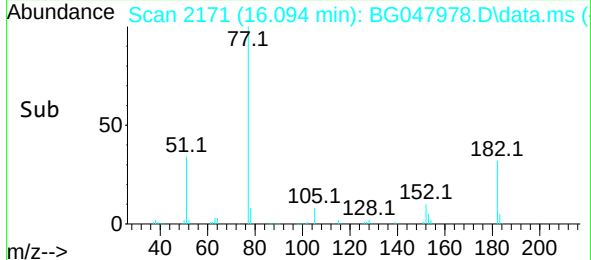
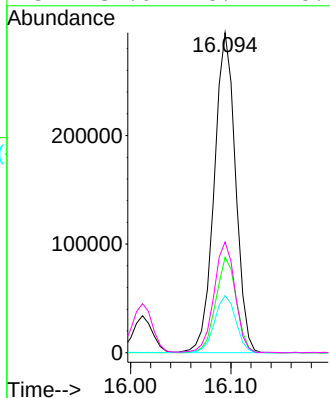
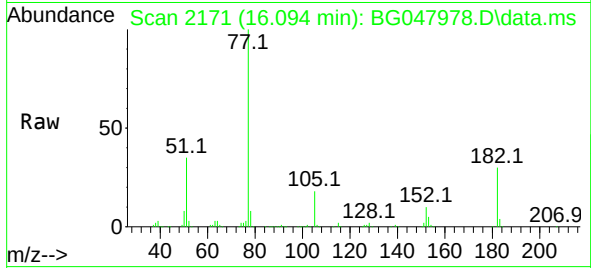




#63  
Azobenzene  
Concen: 36.56 ng  
RT: 16.094 min Scan# 2171  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

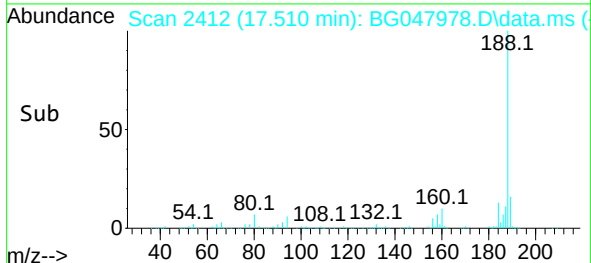
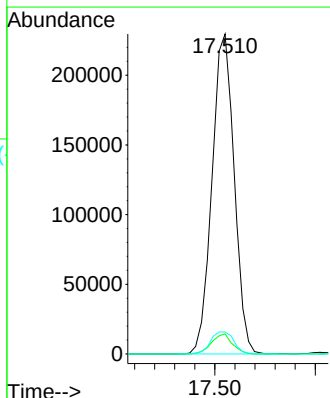
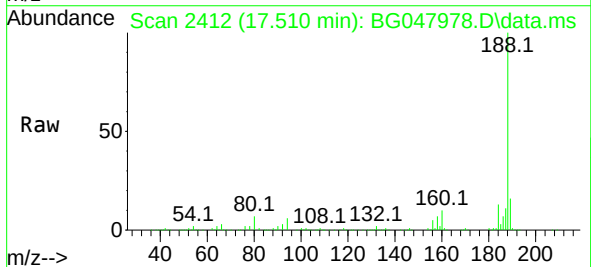
Instrument :  
BNA\_G  
ClientSampleId :  
PB134252BS

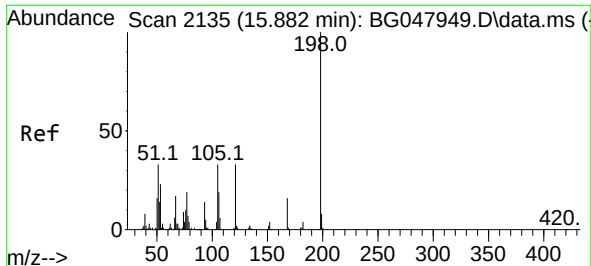
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 432942 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 29.8    | 14.0 54.0    |
| 105 17.9    | 3.0 43.0     |
| 51 34.6     | 8.1 48.1     |



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.510 min Scan# 2412  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

|              |              |
|--------------|--------------|
| Tgt Ion: 188 | Resp: 351418 |
| Ion Ratio    | Lower Upper  |
| 188 100      |              |
| 94 6.3       | 6.3 9.5#     |
| 80 6.8       | 7.0 10.6#    |

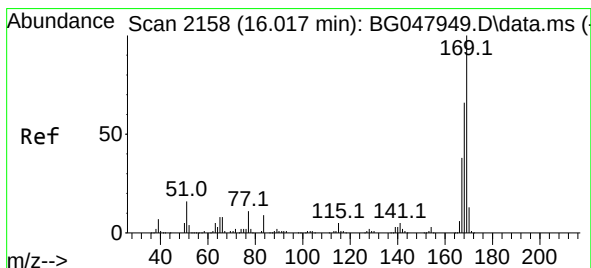
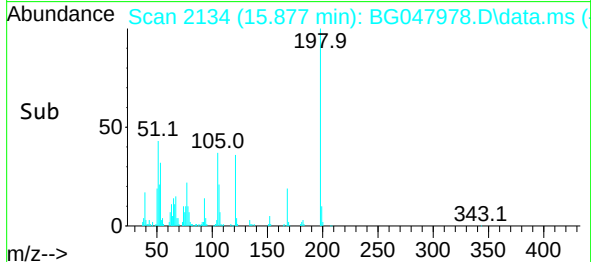
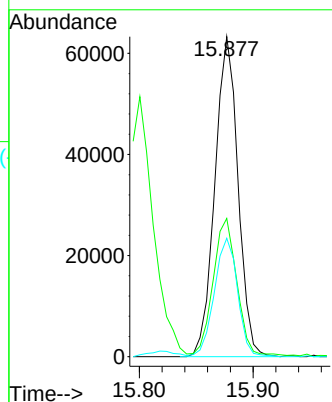
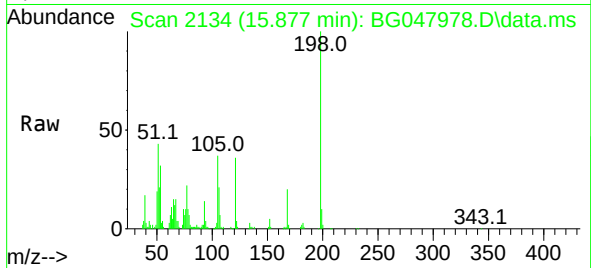




#65  
4,6-Dinitro-2-methylphenol  
Concen: 50.48 ng  
RT: 15.877 min Scan# 2134  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

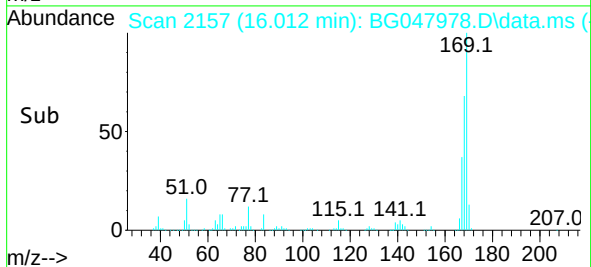
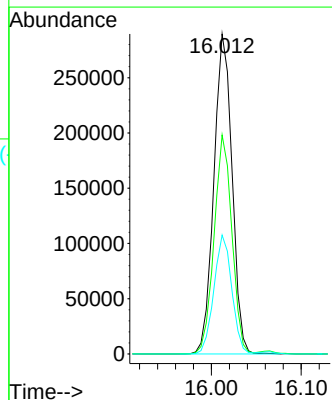
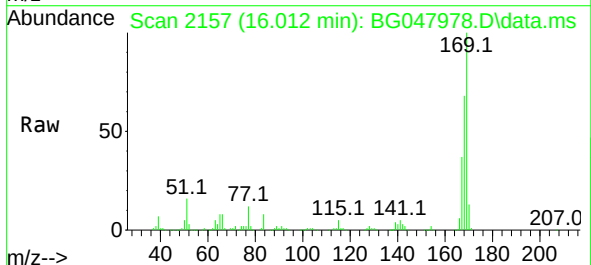
Instrument :  
BNA\_G  
ClientSampleId :  
PB134252BS

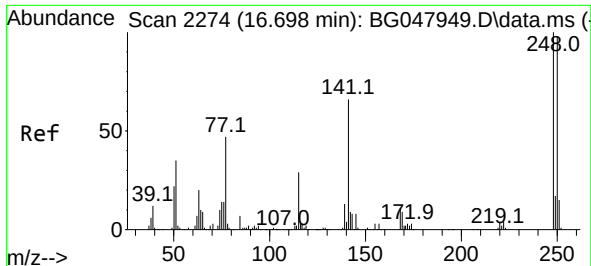
Tgt Ion:198 Resp: 89359  
Ion Ratio Lower Upper  
198 100  
51 43.2 10.4 50.4  
105 37.0 12.9 52.9



#66  
n-Nitrosodiphenylamine  
Concen: 39.72 ng  
RT: 16.012 min Scan# 2157  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

Tgt Ion:169 Resp: 407382  
Ion Ratio Lower Upper  
169 100  
168 68.5 55.5 83.3  
167 37.2 30.5 45.7

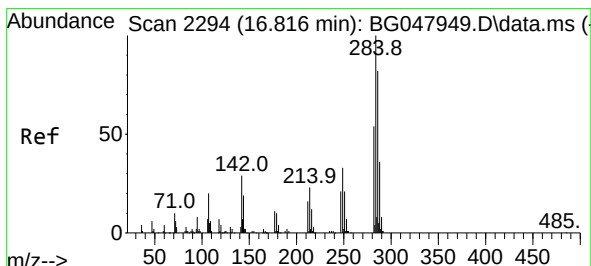
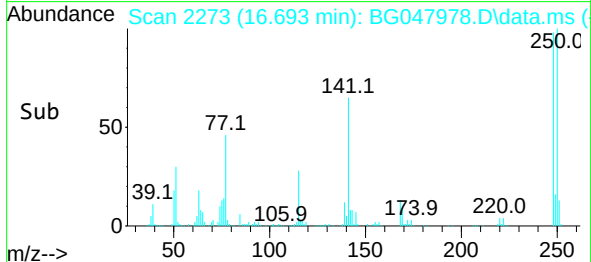
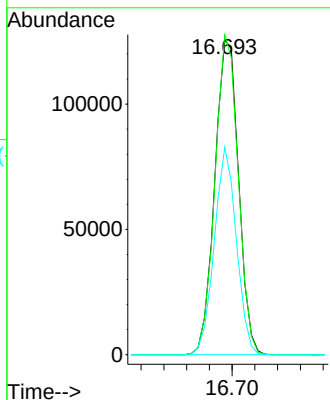
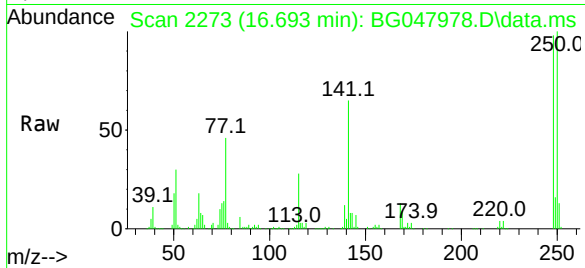




#67  
4-Bromophenyl-phenylether  
Concen: 39.10 ng  
RT: 16.693 min Scan# 2273  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

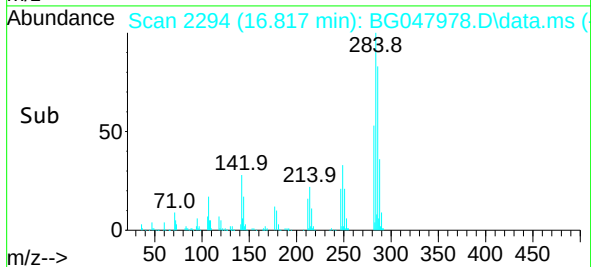
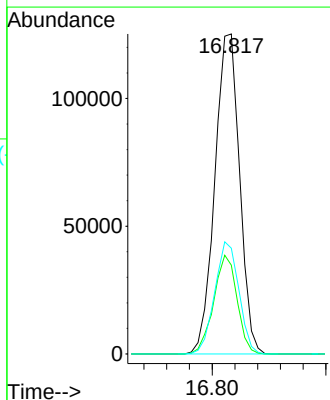
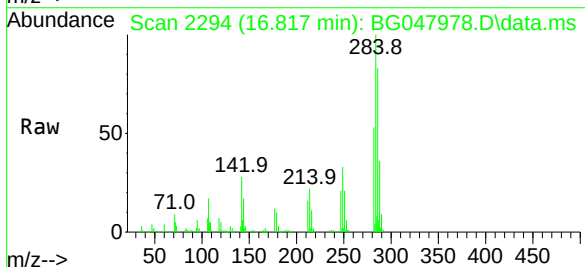
Instrument :  
BNA\_G  
ClientSampleId :  
PB134252BS

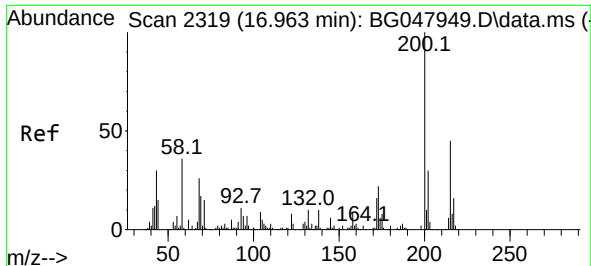
Tgt Ion:248 Resp: 182239  
Ion Ratio Lower Upper  
248 100  
250 101.6 78.9 118.3  
141 65.9 46.2 69.4



#68  
Hexachlorobenzene  
Concen: 38.26 ng  
RT: 16.817 min Scan# 2294  
Delta R.T. 0.001 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

Tgt Ion:284 Resp: 189266  
Ion Ratio Lower Upper  
284 100  
142 27.8 21.1 31.7  
249 33.1 25.9 38.9

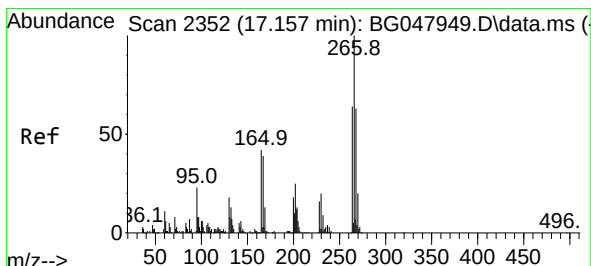
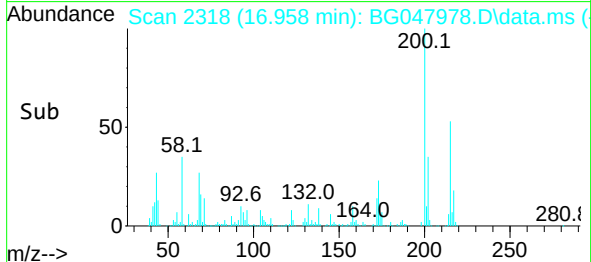
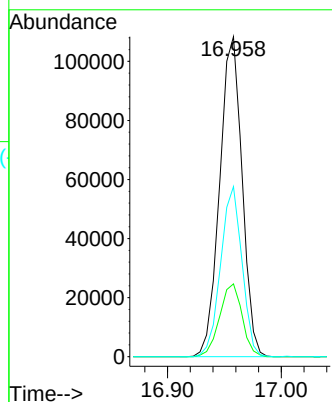
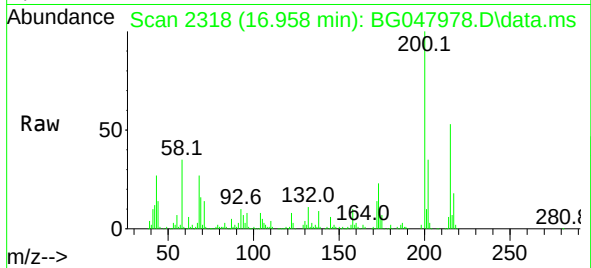




#69  
Atrazine  
Concen: 38.76 ng  
RT: 16.958 min Scan# 2318  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

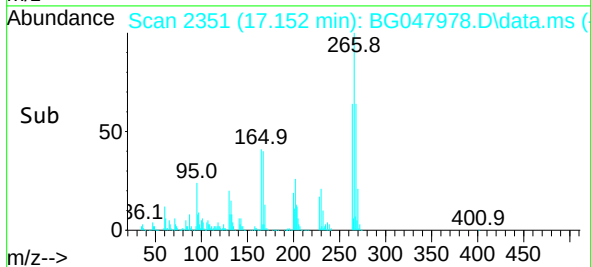
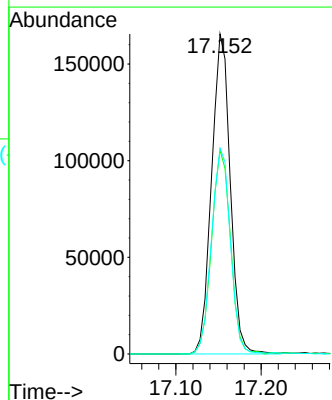
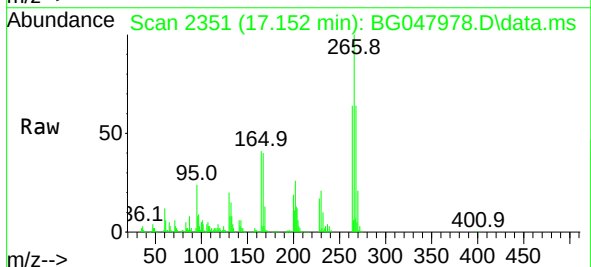
Instrument :  
BNA\_G  
ClientSampleId :  
PB134252BS

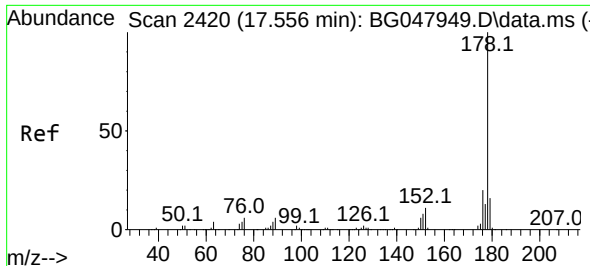
Tgt Ion:200 Resp: 148366  
Ion Ratio Lower Upper  
200 100  
173 22.7 4.2 44.2  
215 53.2 30.0 70.0



#70  
Pentachlorophenol  
Concen: 88.21 ng  
RT: 17.152 min Scan# 2351  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

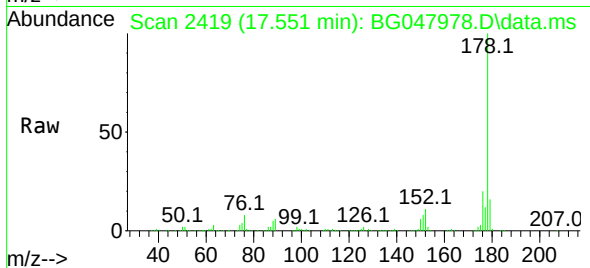
Tgt Ion:266 Resp: 251364  
Ion Ratio Lower Upper  
266 100  
268 63.6 49.8 74.6  
264 64.3 49.3 73.9



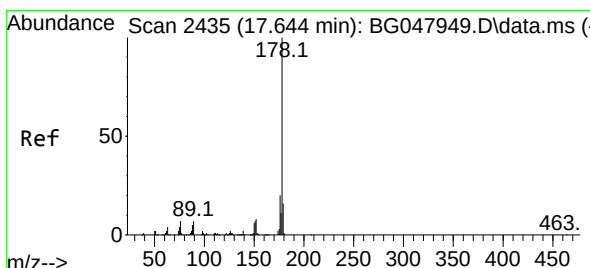
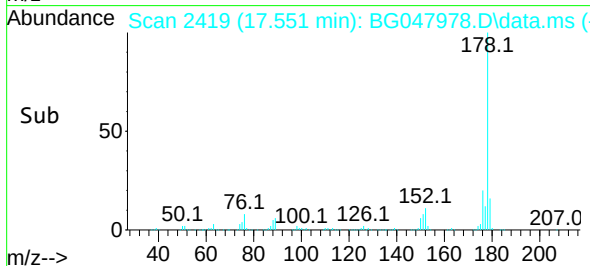
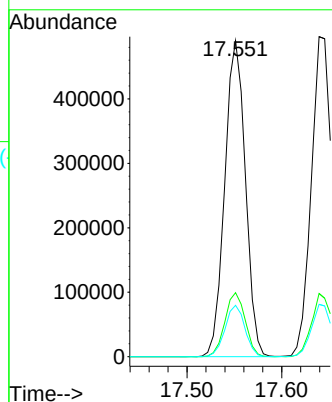


#71  
Phenanthrene  
Concen: 39.08 ng  
RT: 17.551 min Scan# 2419  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

Instrument :  
BNA\_G  
ClientSampleId :  
PB134252BS

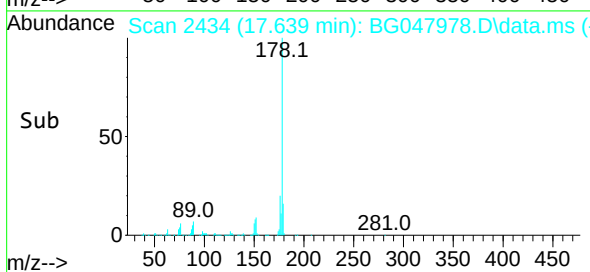
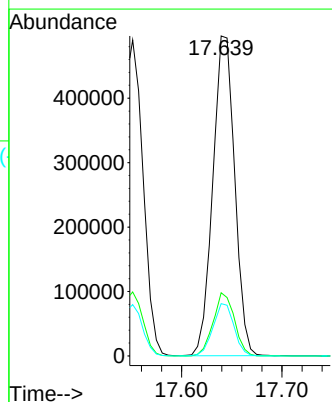
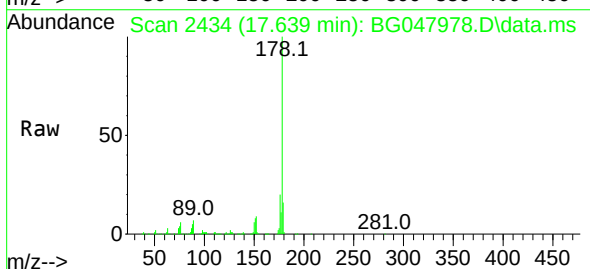


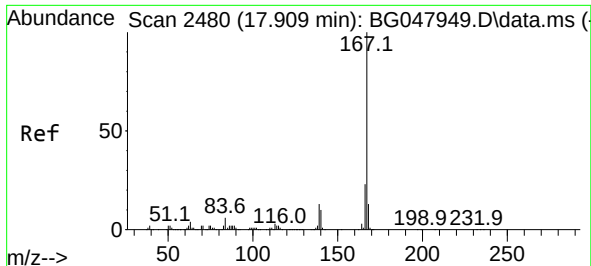
Tgt Ion:178 Resp: 742573  
Ion Ratio Lower Upper  
178 100  
176 20.3 16.7 25.1  
179 16.3 14.0 21.0



#72  
Anthracene  
Concen: 40.35 ng  
RT: 17.639 min Scan# 2434  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

Tgt Ion:178 Resp: 750807  
Ion Ratio Lower Upper  
178 100  
176 19.8 16.4 24.6  
179 16.3 13.8 20.6

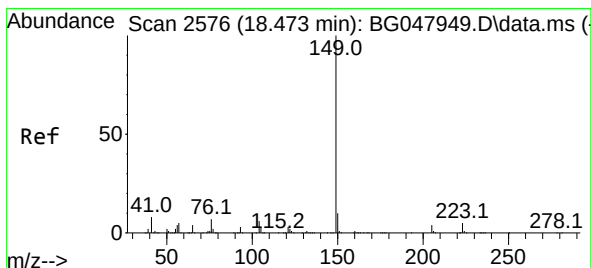
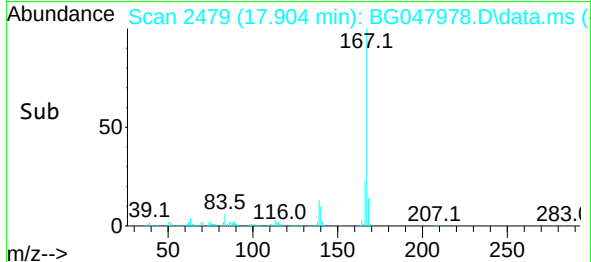
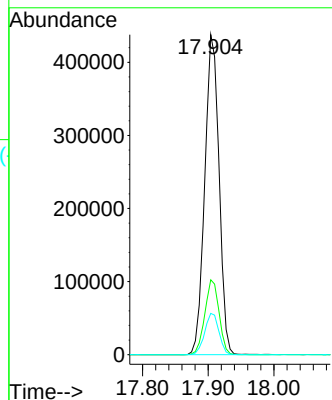
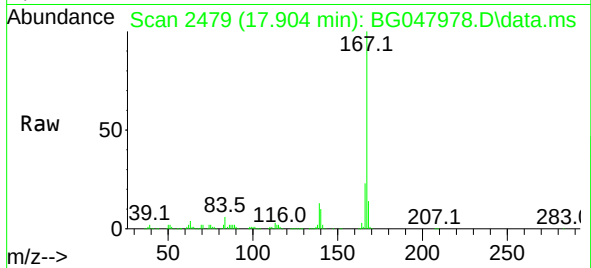




#73  
Carbazole  
Concen: 39.16 ng  
RT: 17.904 min Scan# 2479  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

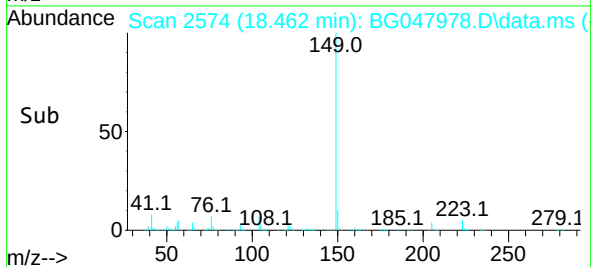
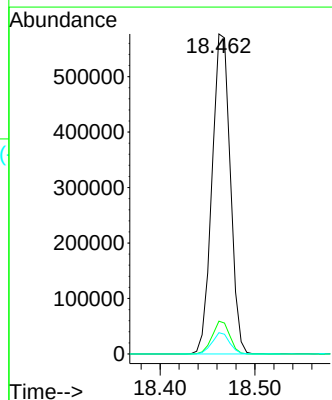
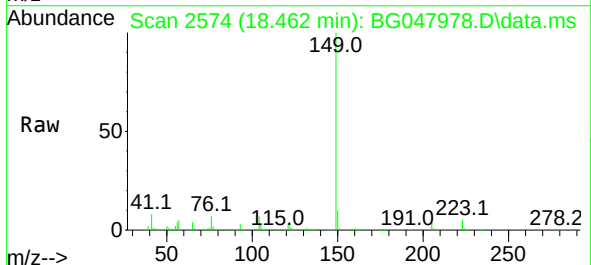
Instrument :  
BNA\_G  
ClientSampleId :  
PB134252BS

Tgt Ion:167 Resp: 664676  
Ion Ratio Lower Upper  
167 100  
166 23.4 18.7 28.1  
139 12.9 9.6 14.4

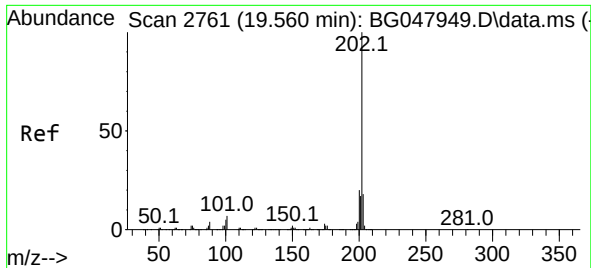


#74  
Di-n-butylphthalate  
Concen: 38.08 ng  
RT: 18.462 min Scan# 2574  
Delta R.T. -0.011 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

Tgt Ion:149 Resp: 769350  
Ion Ratio Lower Upper  
149 100  
150 10.2 8.2 12.4  
104 6.7 3.8 5.8#



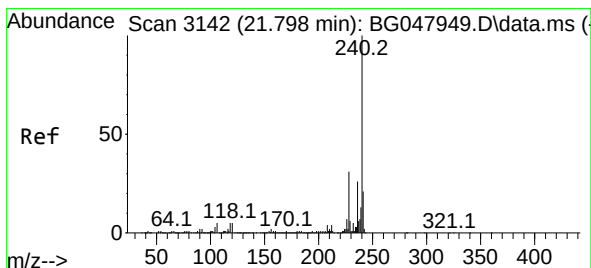
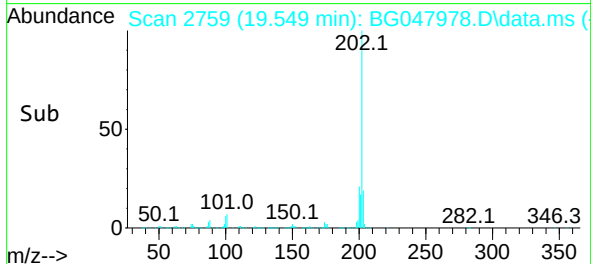
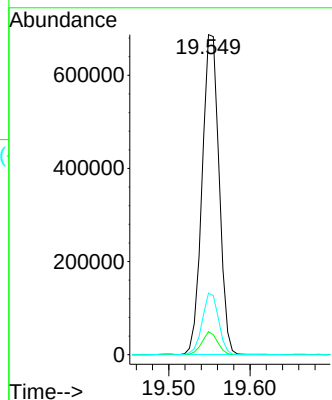
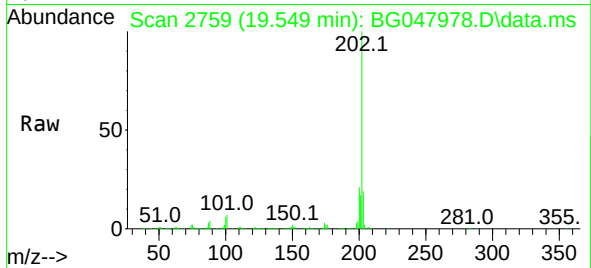




#75  
Fluoranthene  
Concen: 39.31 ng  
RT: 19.549 min Scan# 2759  
Delta R.T. -0.011 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

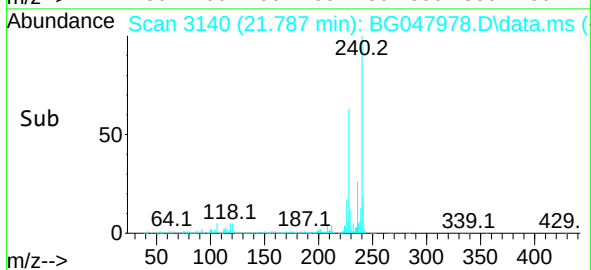
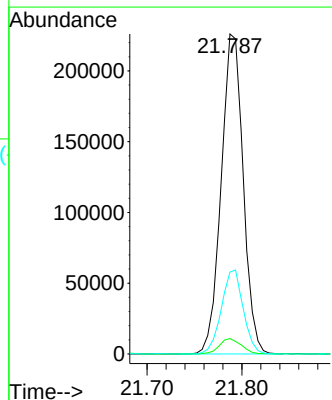
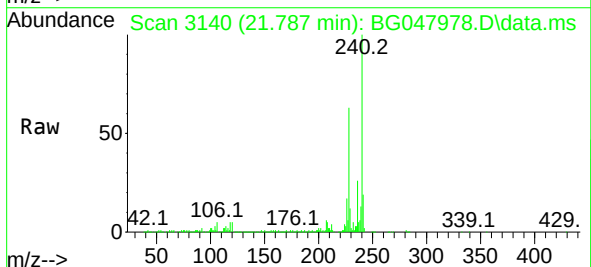
Instrument :  
BNA\_G  
ClientSampleId :  
PB134252BS

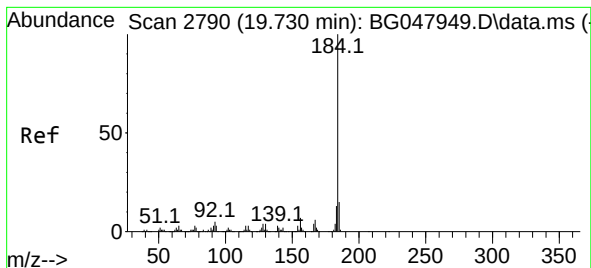
Tgt Ion:202 Resp: 994416  
Ion Ratio Lower Upper  
202 100  
101 7.2 0.0 29.7  
203 19.2 0.0 39.2



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.787 min Scan# 3140  
Delta R.T. -0.011 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

Tgt Ion:240 Resp: 364291  
Ion Ratio Lower Upper  
240 100  
120 4.8 6.2 9.4#  
236 25.6 20.5 30.7





#77

Benzidine

Concen: 35.88 ng

RT: 19.725 min Scan# 2789

Delta R.T. -0.005 min

Lab File: BG047978.D

Acq: 22 Jan 2021 14:51

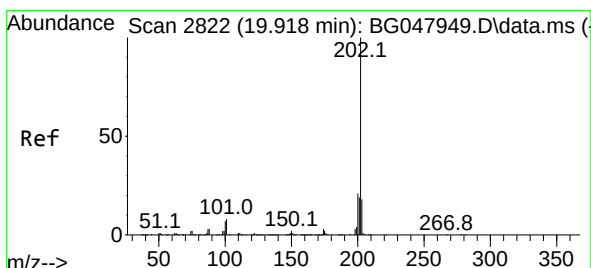
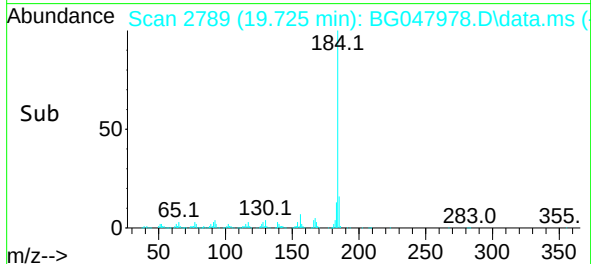
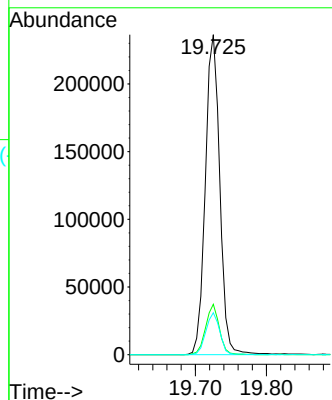
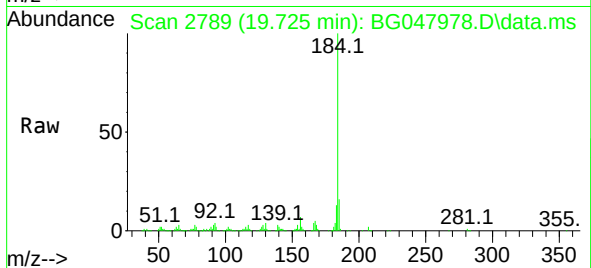
Tgt Ion:184 Resp: 334472

Ion Ratio Lower Upper

184 100

185 15.7 12.4 18.6

183 13.1 10.6 15.8



#78

Pyrene

Concen: 39.55 ng

RT: 19.913 min Scan# 2821

Delta R.T. -0.005 min

Lab File: BG047978.D

Acq: 22 Jan 2021 14:51

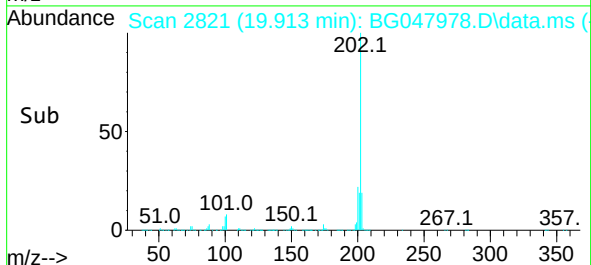
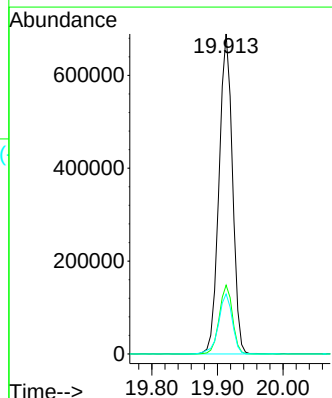
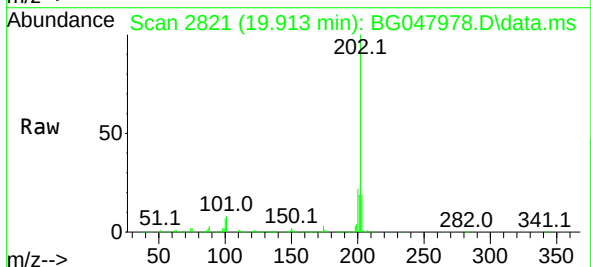
Tgt Ion:202 Resp: 974867

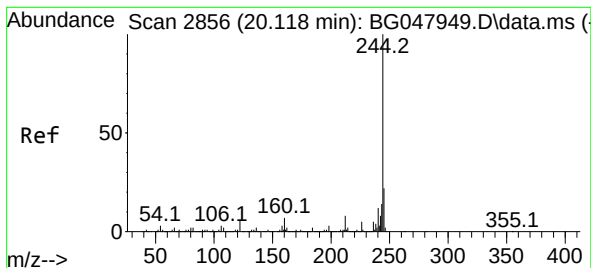
Ion Ratio Lower Upper

202 100

200 21.5 18.6 27.8

203 18.8 15.3 22.9





#79

Terphenyl-d14

Concen: 68.50 ng

RT: 20.107 min Scan# 2854

Delta R.T. -0.011 min

Lab File: BG047978.D

Acq: 22 Jan 2021 14:51

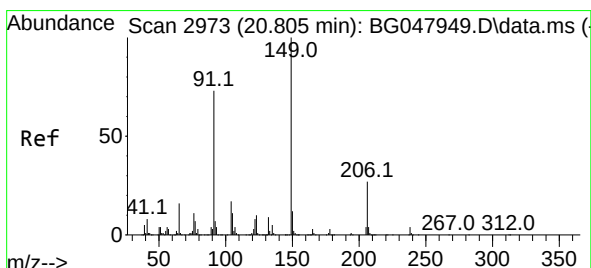
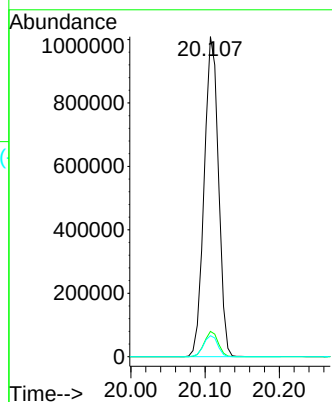
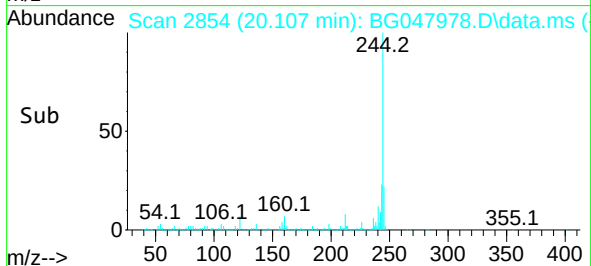
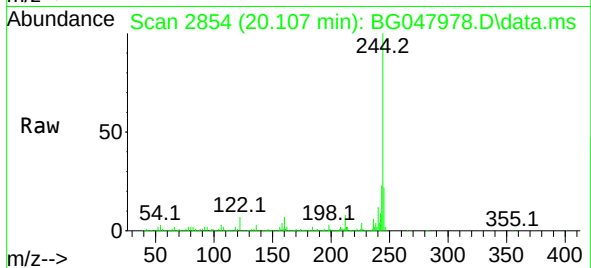
Tgt Ion:244 Resp: 1349628

Ion Ratio Lower Upper

244 100

212 7.9 6.7 10.1

122 6.6 7.8 11.6#



#80

Butylbenzylphthalate

Concen: 39.04 ng

RT: 20.795 min Scan# 2971

Delta R.T. -0.011 min

Lab File: BG047978.D

Acq: 22 Jan 2021 14:51

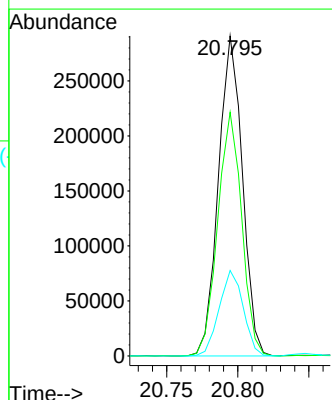
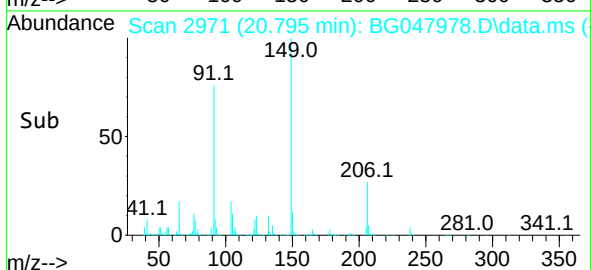
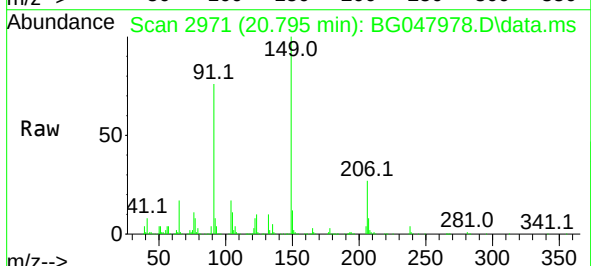
Tgt Ion:149 Resp: 340916

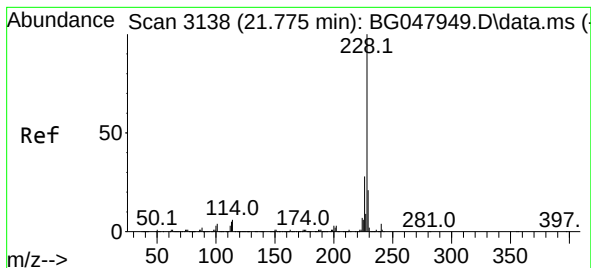
Ion Ratio Lower Upper

149 100

91 76.1 51.5 77.3

206 26.7 21.2 31.8

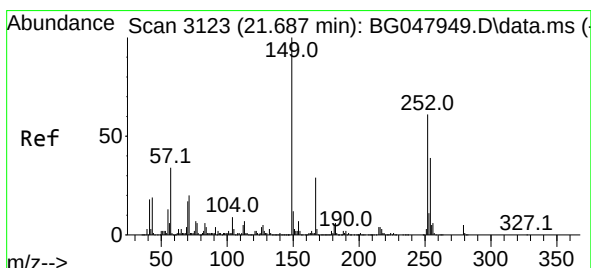
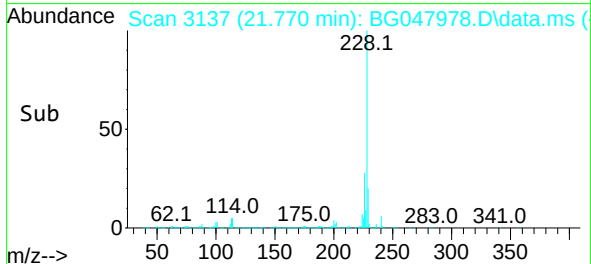
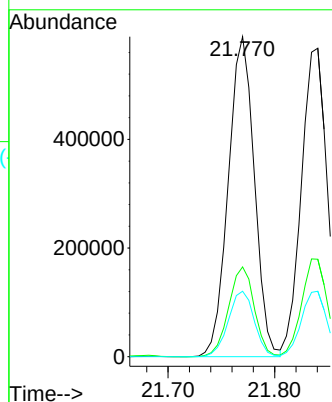
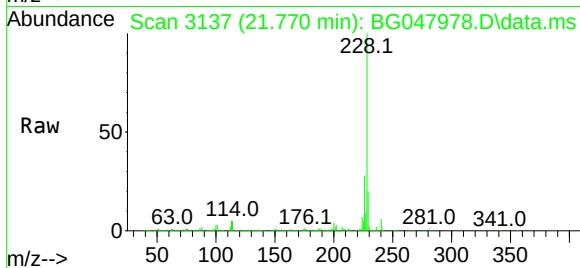




#81  
Benzo(a)anthracene  
Concen: 39.86 ng  
RT: 21.770 min Scan# 3137  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

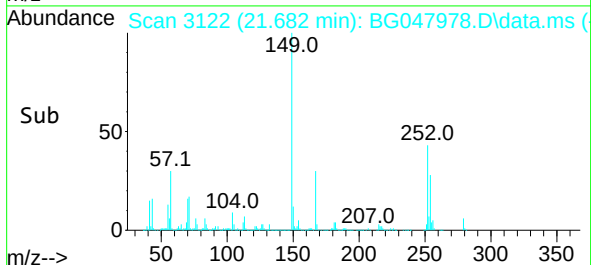
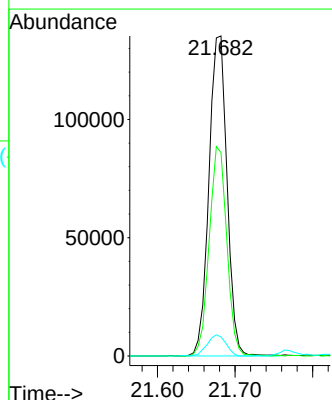
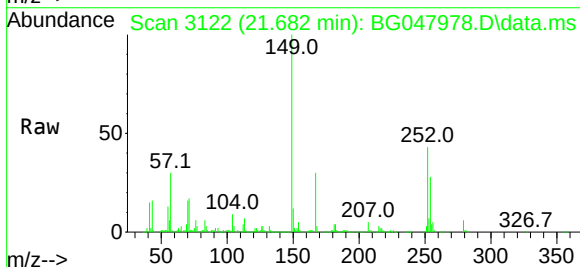
Instrument :  
BNA\_G  
ClientSampleId :  
PB134252BS

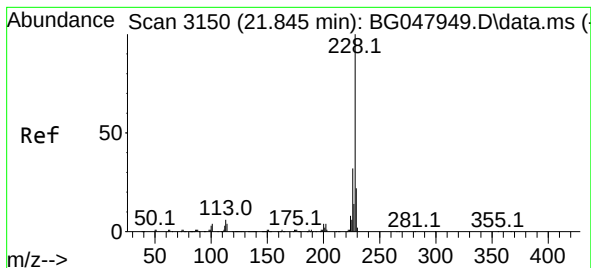
Tgt Ion:228 Resp: 1002763  
Ion Ratio Lower Upper  
228 100  
226 28.1 23.3 34.9  
229 20.4 17.4 26.0



#82  
3,3'-Dichlorobenzidine  
Concen: 25.19 ng  
RT: 21.682 min Scan# 3122  
Delta R.T. -0.005 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

Tgt Ion:252 Resp: 219262  
Ion Ratio Lower Upper  
252 100  
254 63.6 53.2 79.8  
126 6.0 6.8 10.2#





#83

Chrysene

Concen: 39.45 ng

RT: 21.840 min Scan# 3149

Delta R.T. -0.005 min

Lab File: BG047978.D

Acq: 22 Jan 2021 14:51

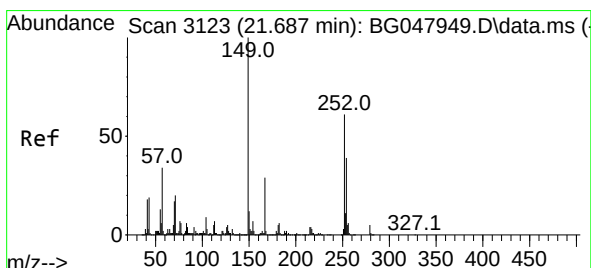
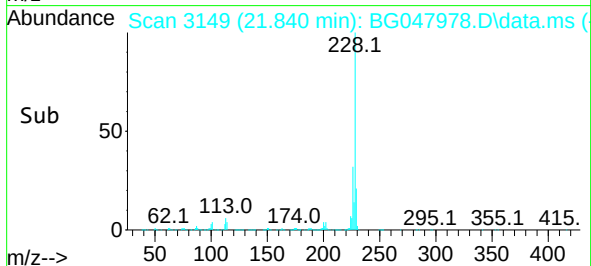
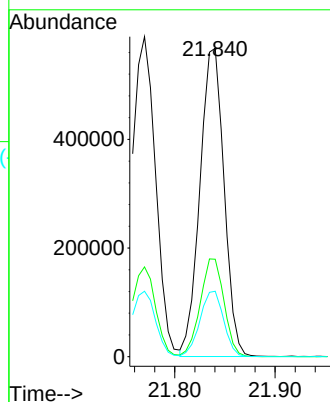
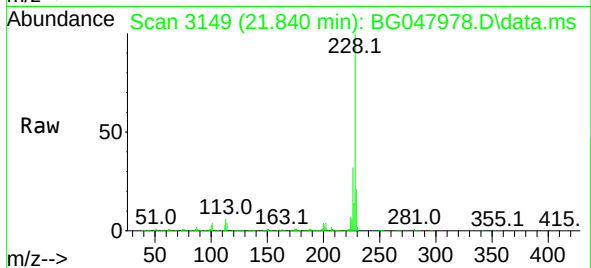
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 950545 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 31.6  | 25.0  | 37.4   |
| 229       | 21.2  | 17.3  | 25.9   |

Instrument :

BNA\_G

ClientSampleId :

PB134252BS



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.41 ng

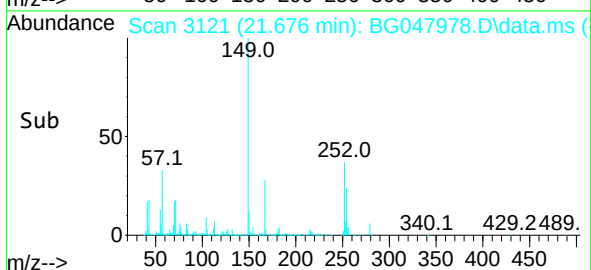
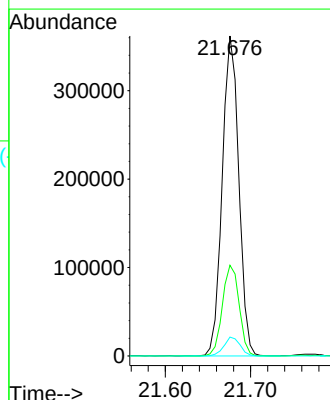
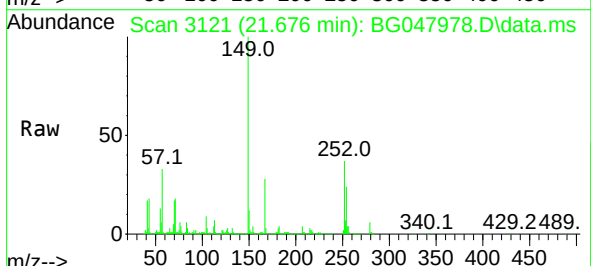
RT: 21.676 min Scan# 3121

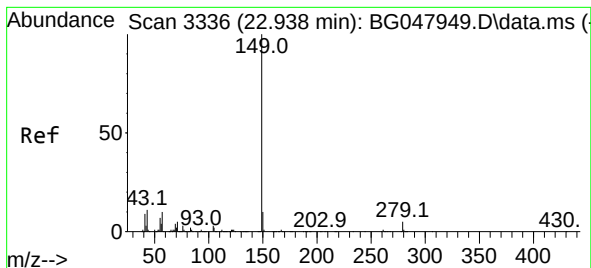
Delta R.T. -0.011 min

Lab File: BG047978.D

Acq: 22 Jan 2021 14:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 489166 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 28.4  | 24.8  | 37.2   |
| 279       | 5.9   | 4.6   | 7.0    |

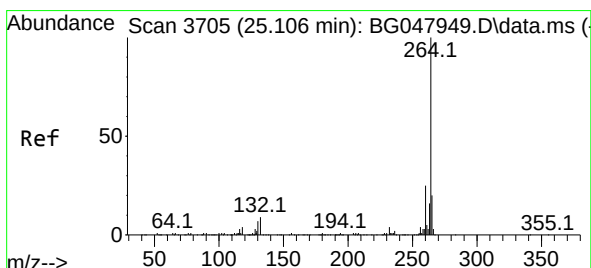
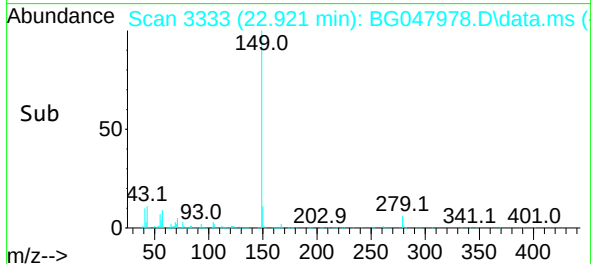
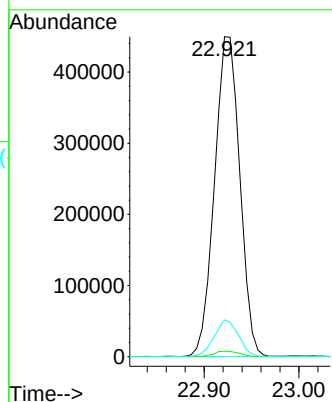
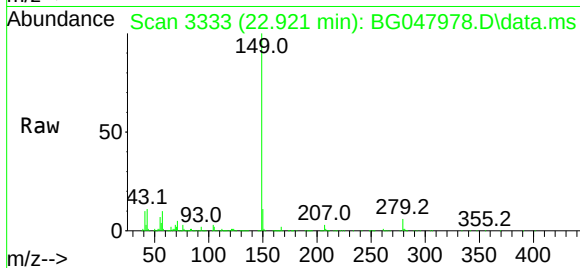




#85  
Di-n-octyl phthalate  
Concen: 40.01 ng  
RT: 22.921 min Scan# 3333  
Delta R.T. -0.017 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

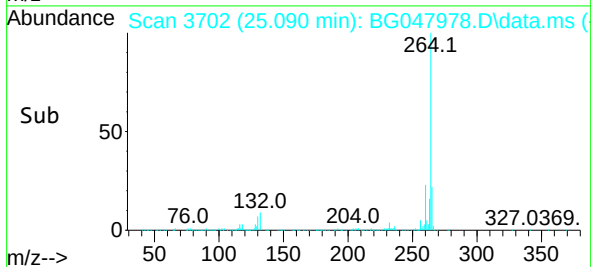
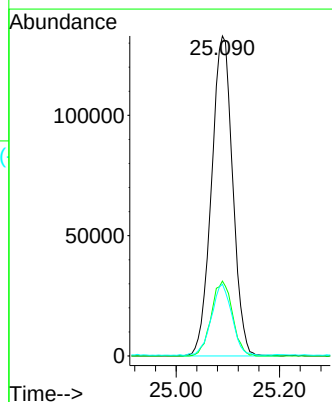
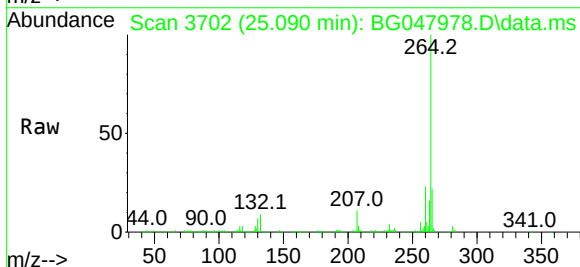
Instrument :  
BNA\_G  
ClientSampleId :  
PB134252BS

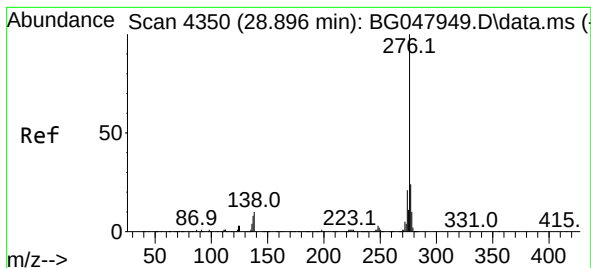
Tgt Ion:149 Resp: 831875  
Ion Ratio Lower Upper  
149 100  
167 1.8 1.4 2.2  
43 11.2 6.8 10.2#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 25.090 min Scan# 3702  
Delta R.T. -0.017 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

Tgt Ion:264 Resp: 377418  
Ion Ratio Lower Upper  
264 100  
260 23.4 18.8 28.2  
265 22.4 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.43 ng

RT: 28.862 min Scan# 4344

Delta R.T. -0.034 min

Lab File: BG047978.D

Acq: 22 Jan 2021 14:51

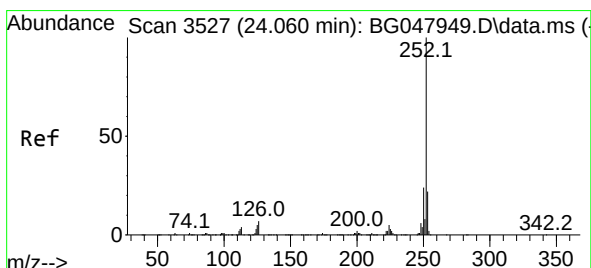
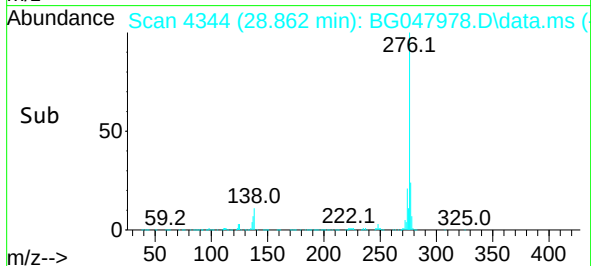
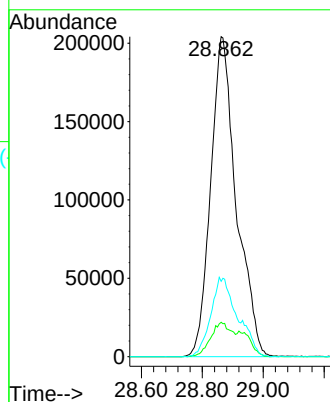
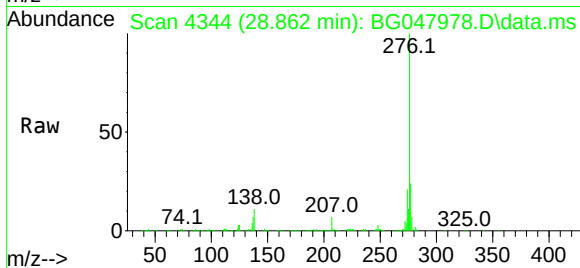
Tgt Ion:276 Resp: 1196442

Ion Ratio Lower Upper

276 100

138 8.9 16.2 24.2#

277 26.0 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 42.16 ng

RT: 24.044 min Scan# 3524

Delta R.T. -0.017 min

Lab File: BG047978.D

Acq: 22 Jan 2021 14:51

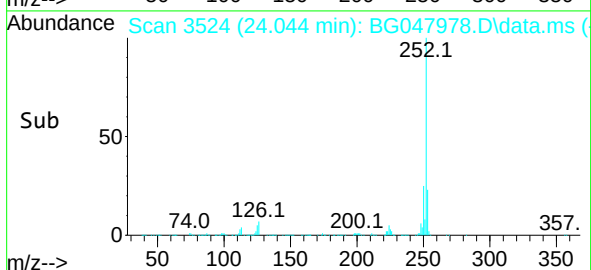
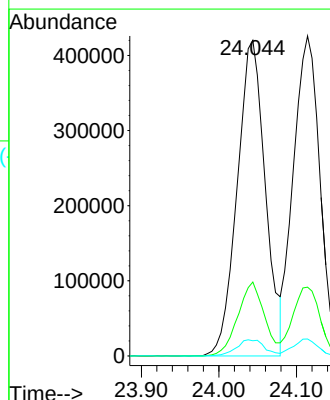
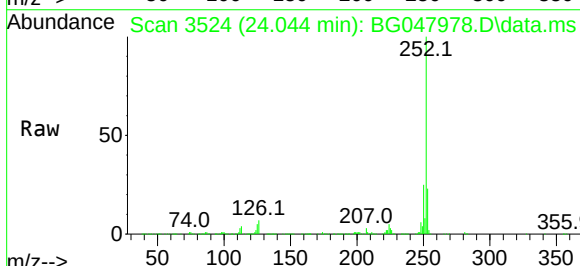
Tgt Ion:252 Resp: 1058717

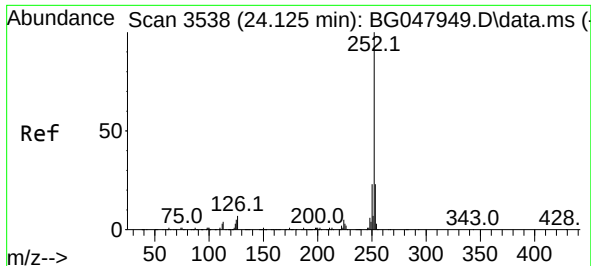
Ion Ratio Lower Upper

252 100

253 23.4 18.7 28.1

125 4.8 6.5 9.7#

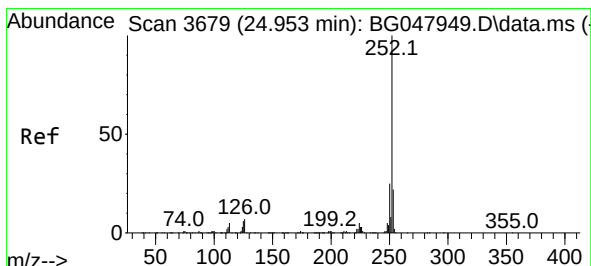
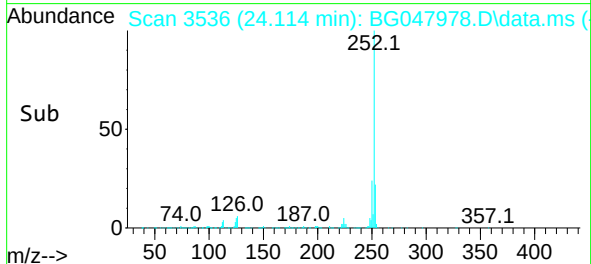
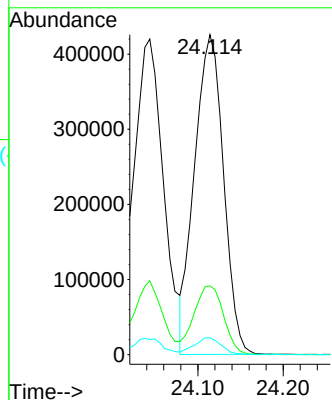
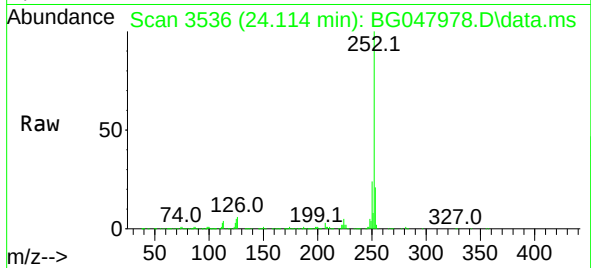




#89  
Benzo(k)fluoranthene  
Concen: 41.14 ng  
RT: 24.114 min Scan# 3536  
Delta R.T. -0.011 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

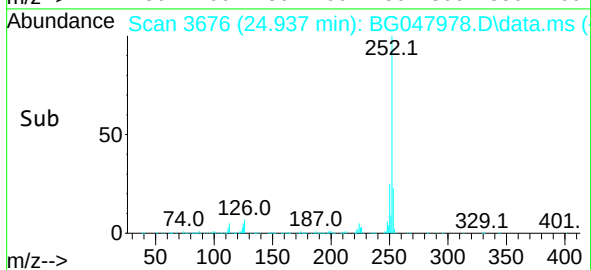
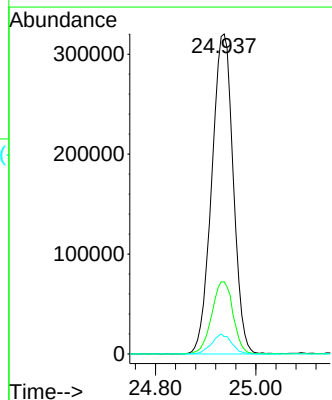
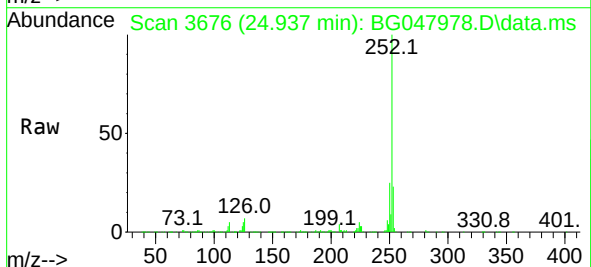
Instrument :  
BNA\_G  
ClientSampleId :  
PB134252BS

Tgt Ion:252 Resp: 1003190  
Ion Ratio Lower Upper  
252 100  
253 21.5 18.6 27.8  
125 5.3 6.8 10.2#

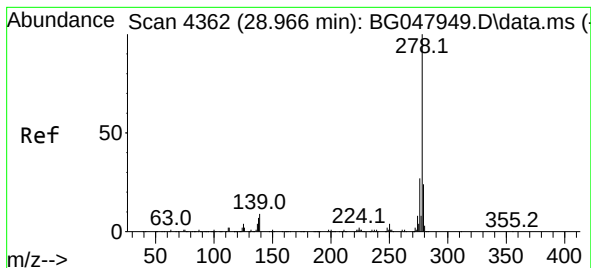


#90  
Benzo(a)pyrene  
Concen: 40.14 ng  
RT: 24.937 min Scan# 3676  
Delta R.T. -0.017 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

Tgt Ion:252 Resp: 949580  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.9 26.9  
125 5.4 7.0 10.4#



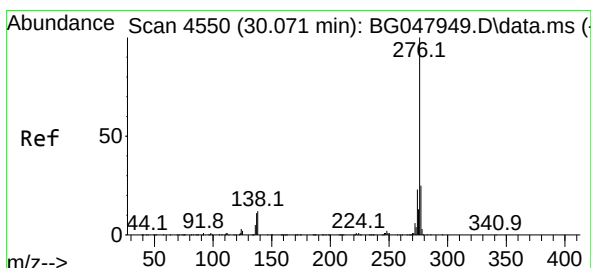
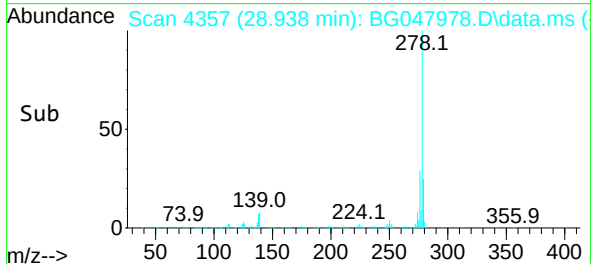
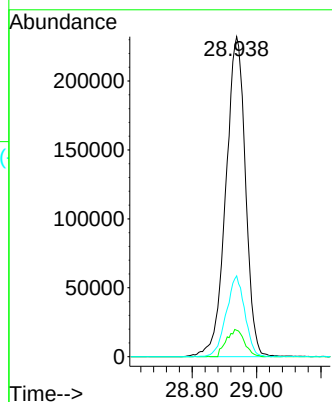
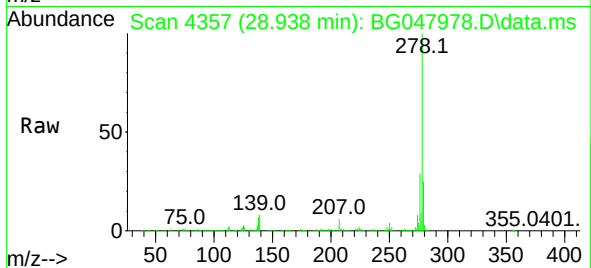




#91  
Dibenzo(a,h)anthracene  
Concen: 41.70 ng  
RT: 28.938 min Scan# 4357  
Delta R.T. -0.028 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

Instrument :  
BNA\_G  
ClientSampleId :  
PB134252BS

Tgt Ion:278 Resp: 982172  
Ion Ratio Lower Upper  
278 100  
139 8.3 10.5 15.7#  
279 25.2 19.4 29.0



#92  
Benzo(g,h,i)perylene  
Concen: 42.53 ng  
RT: 30.043 min Scan# 4545  
Delta R.T. -0.028 min  
Lab File: BG047978.D  
Acq: 22 Jan 2021 14:51

Tgt Ion:276 Resp: 979327  
Ion Ratio Lower Upper  
276 100  
277 25.1 19.6 29.4  
138 11.5 13.4 20.2#

