

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082923\  
 Data File : BG058892.D  
 Acq On : 29 Aug 2023 18:07  
 Operator : MA/JU  
 Sample : 04165-01MSD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 VNJ-208MSD

Quant Time: Aug 29 19:20:21 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG081823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 29 14:27:28 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.784  | 152  | 19703    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.587 | 136  | 86277    | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.441 | 164  | 60784    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.185 | 188  | 133318   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.427 | 240  | 106194   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.482 | 264  | 132943   | 20.000  | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.363  | 112  | 132994   | 108.624 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.967  | 99   | 185674   | 108.089 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.953  | 82   | 115487   | 64.355  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.933 | 330  | 102292   | 107.328 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.060 | 172  | 260878   | 62.424  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.805 | 244  | 387725   | 65.559  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.236  | 88   | 17574    | 30.530  | ng    | 95       |
| 3) Pyridine                   | 3.636  | 79   | 46163    | 30.348  | ng    | 93       |
| 4) n-Nitrosodimethylamine     | 3.554  | 42   | 34966    | 42.282  | ng    | 89       |
| 6) Aniline                    | 7.114  | 93   | 57970    | 27.607  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.355  | 128  | 66246    | 53.512  | ng    | 97       |
| 9) Benzaldehyde               | 6.926  | 77   | 23945    | 24.851  | ng    | 98       |
| 10) Phenol                    | 6.991  | 94   | 85161    | 51.413  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.208  | 93   | 56935    | 44.051  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.672  | 146  | 63951    | 48.634  | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 7.819  | 146  | 66233    | 49.810  | ng    | 95       |
| 14) 1,2-Dichlorobenzene       | 8.137  | 146  | 64315    | 50.043  | ng    | 98       |
| 15) Benzyl Alcohol            | 8.031  | 79   | 65192    | 53.080  | ng    | 93       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.313  | 45   | 132065   | 47.946  | ng    | 96       |
| 17) 2-Methylphenol            | 8.242  | 107  | 58280    | 47.904  | ng    | 97       |
| 18) Hexachloroethane          | 8.859  | 117  | 24789    | 51.166  | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 8.595  | 70   | 49651    | 44.715  | ng    | 95       |
| 20) 3+4-Methylphenols         | 8.571  | 107  | 79228    | 48.439  | ng    | 98       |
| 22) Acetophenone              | 8.612  | 105  | 102021   | 43.683  | ng    | 95       |
| 24) Nitrobenzene              | 8.994  | 77   | 77841    | 43.613  | ng    | 97       |
| 25) Isophorone                | 9.517  | 82   | 148507   | 41.614  | ng    | 100      |
| 26) 2-Nitrophenol             | 9.705  | 139  | 36491    | 48.885  | ng    | # 93     |
| 27) 2,4-Dimethylphenol        | 9.770  | 122  | 61913    | 48.939  | ng    | 94       |
| 28) bis(2-Chloroethoxy)met... | 9.999  | 93   | 82122    | 43.443  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.246 | 162  | 69361    | 53.355  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.451 | 180  | 76139    | 48.502  | ng    | 100      |
| 31) Naphthalene               | 10.640 | 128  | 205700   | 45.408  | ng    | 99       |
| 32) Benzoic acid              | 9.958  | 122  | 45144    | 57.005  | ng    | 94       |
| 33) 4-Chloroaniline           | 10.757 | 127  | 43397    | 22.715  | ng    | 97       |
| 34) Hexachlorobutadiene       | 10.916 | 225  | 52538    | 49.588  | ng    | 98       |
| 35) Caprolactam               | 11.556 | 113  | 17053    | 36.608  | ng    | 89       |
| 36) 4-Chloro-3-methylphenol   | 11.897 | 107  | 79177    | 48.976  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.255 | 142  | 144959   | 44.553  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.479 | 142  | 141065   | 45.674  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.625 | 216  | 90894    | 48.505  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.596 | 237  | 39511    | 56.503  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.872 | 196  | 63457    | 53.220  | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082923\  
 Data File : BG058892.D  
 Acq On : 29 Aug 2023 18:07  
 Operator : MA/JU  
 Sample : 04165-01MSD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

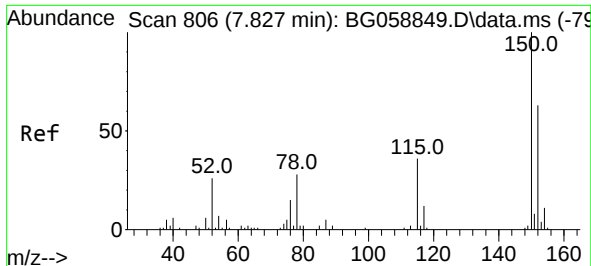
Instrument :  
 BNA\_G  
 ClientSampleId :  
 VNJ-208MSD

Quant Time: Aug 29 19:20:21 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG081823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 29 14:27:28 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.954 | 196  | 66983    | 46.912 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.272 | 154  | 193283   | 46.159 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.313 | 162  | 156498   | 47.959 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.524 | 65   | 56210    | 45.355 | ng    | 99       |
| 49) Acenaphthylene            | 14.165 | 152  | 253641   | 46.871 | ng    | 98       |
| 50) Dimethylphthalate         | 13.900 | 163  | 200451   | 42.592 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.024 | 165  | 45428    | 45.945 | ng    | 96       |
| 52) Acenaphthene              | 14.506 | 154  | 143828   | 45.482 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.359 | 138  | 32882    | 34.481 | ng    | 92       |
| 54) 2,4-Dinitrophenol         | 14.576 | 184  | 32620    | 60.833 | ng    | 92       |
| 55) Dibenzofuran              | 14.840 | 168  | 245588   | 45.021 | ng    | 100      |
| 56) 4-Nitrophenol             | 14.682 | 139  | 62156    | 89.533 | ng    | 91       |
| 57) 2,4-Dinitrotoluene        | 14.817 | 165  | 62045    | 44.990 | ng    | # 98     |
| 58) Fluorene                  | 15.487 | 166  | 191950   | 44.216 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.070 | 232  | 62018    | 53.227 | ng    | 95       |
| 60) Diethylphthalate          | 15.264 | 149  | 207922   | 42.849 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.481 | 204  | 108728   | 45.186 | ng    | 93       |
| 62) 4-Nitroaniline            | 15.522 | 138  | 38095    | 39.364 | ng    | 88       |
| 63) Azobenzene                | 15.775 | 77   | 184965   | 41.513 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 15.587 | 198  | 28341    | 37.609 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 15.698 | 169  | 167352   | 48.704 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.374 | 248  | 71884    | 49.136 | ng    | 99       |
| 68) Hexachlorobenzene         | 16.491 | 284  | 82227    | 52.223 | ng    | 96       |
| 69) Atrazine                  | 16.650 | 200  | 68242    | 56.118 | ng    | 97       |
| 70) Pentachlorophenol         | 16.844 | 266  | 81808    | 99.085 | ng    | 95       |
| 71) Phenanthrene              | 17.232 | 178  | 313862   | 49.039 | ng    | 99       |
| 72) Anthracene                | 17.320 | 178  | 302486   | 47.123 | ng    | 99       |
| 73) Carbazole                 | 17.596 | 167  | 274740   | 46.739 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.142 | 149  | 338063   | 45.590 | ng    | 100      |
| 75) Fluoranthene              | 19.247 | 202  | 383986   | 48.380 | ng    | 98       |
| 77) Benzidine                 | 19.435 | 184  | 133097   | 69.933 | ng    | 97       |
| 78) Pyrene                    | 19.611 | 202  | 378500   | 51.154 | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.493 | 149  | 147666   | 49.207 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.409 | 228  | 357424   | 48.352 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.333 | 252  | 101701   | 39.850 | ng    | 99       |
| 83) Chrysene                  | 21.474 | 228  | 331357   | 46.506 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.309 | 149  | 208661   | 47.409 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.455 | 149  | 363015   | 47.953 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 27.978 | 276  | 413730   | 45.998 | ng    | # 93     |
| 88) Benzo(b)fluoranthene      | 23.519 | 252  | 373209   | 50.595 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.577 | 252  | 347914   | 45.735 | ng    | 98       |
| 90) Benzo(a)pyrene            | 24.341 | 252  | 330048   | 45.442 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.013 | 278  | 341730   | 46.237 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 29.065 | 276  | 314032   | 42.497 | ng    | 98       |

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

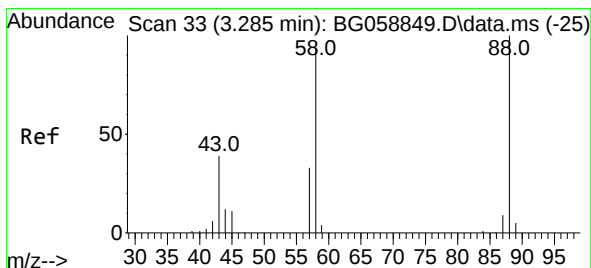
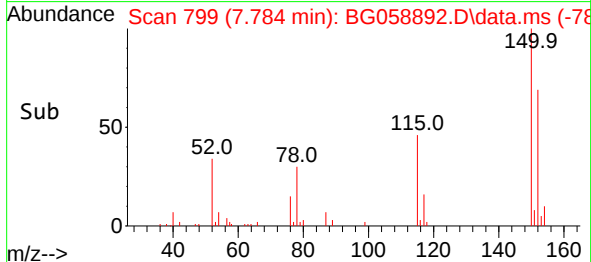
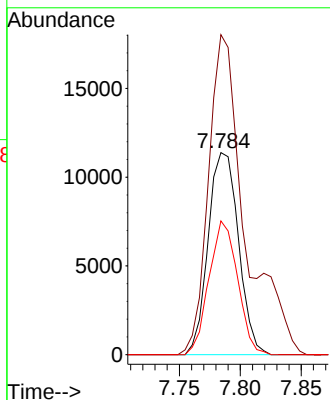
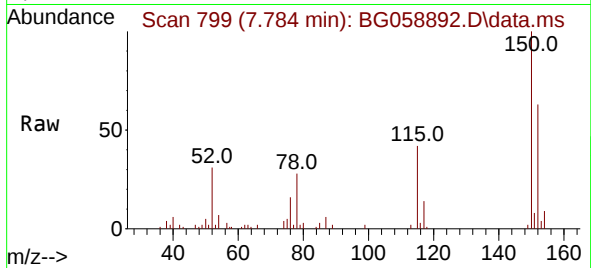




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.784 min Scan# 79  
 Delta R.T. -0.005 min  
 Lab File: BG058892.D  
 Acq: 29 Aug 2023 18:07

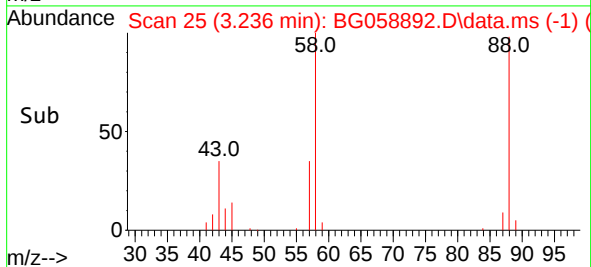
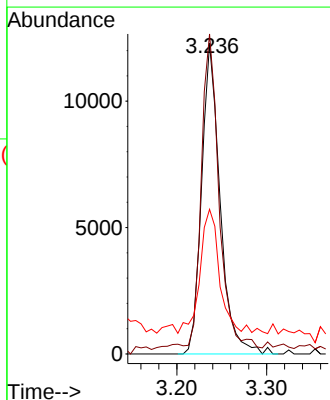
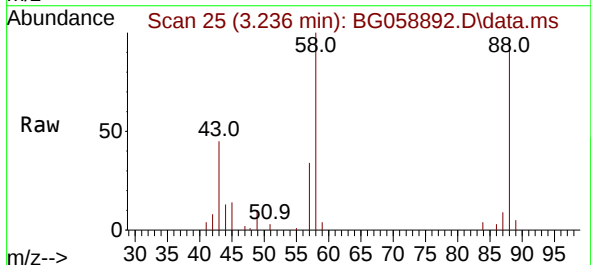
Instrument :  
 BNA\_G  
 ClientSampleId :  
 VNJ-208MSD

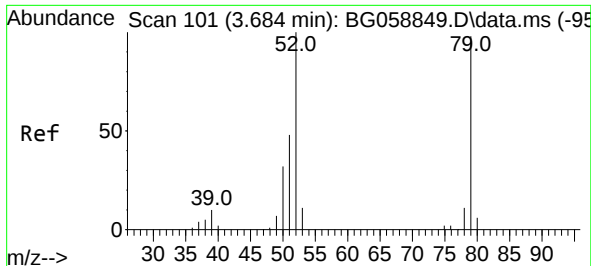
Tgt Ion:152 Resp: 19703  
 Ion Ratio Lower Upper  
 152 100  
 150 158.3 128.6 192.8  
 115 66.2 50.4 75.6



#2  
 1,4-Dioxane  
 Concen: 30.530 ng  
 RT: 3.236 min Scan# 25  
 Delta R.T. -0.005 min  
 Lab File: BG058892.D  
 Acq: 29 Aug 2023 18:07

Tgt Ion: 88 Resp: 17574  
 Ion Ratio Lower Upper  
 88 100  
 58 98.7 82.8 124.2  
 43 41.2 30.1 45.1

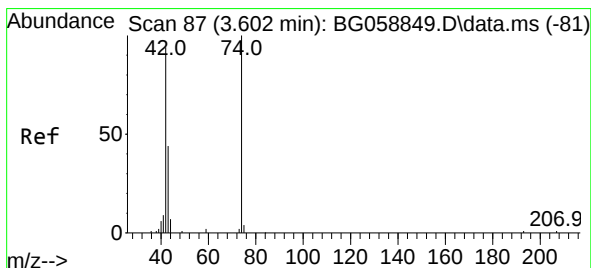
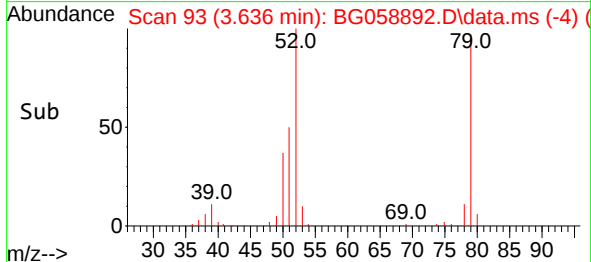
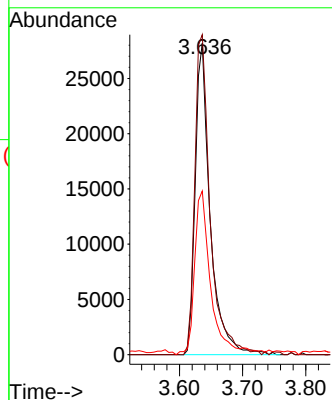
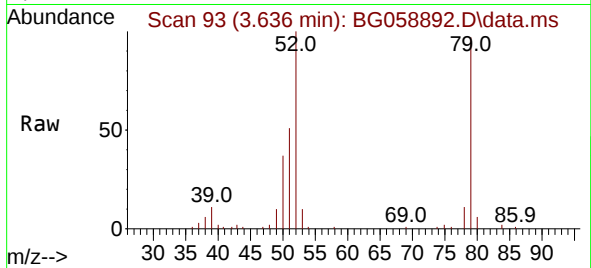




#3  
Pyridine  
Concen: 30.348 ng  
RT: 3.636 min Scan# 91  
Delta R.T. -0.005 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

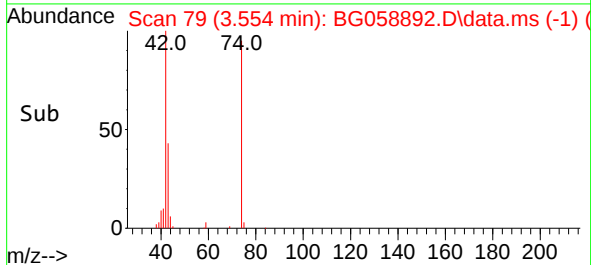
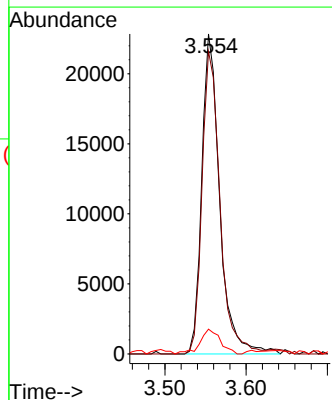
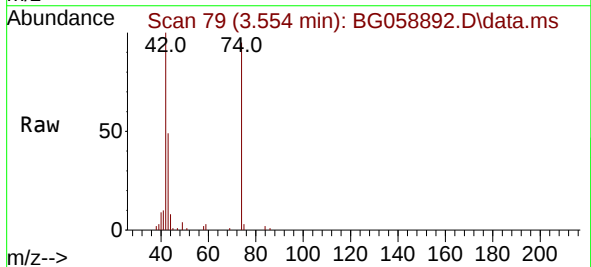
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-208MSD

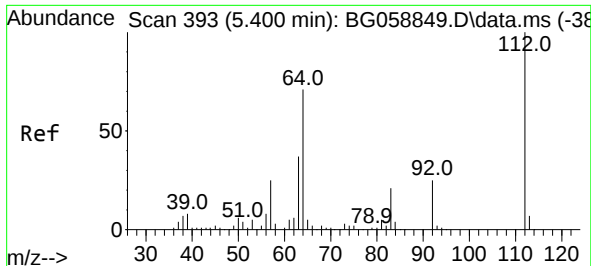
Tgt Ion: 79 Resp: 46163  
Ion Ratio Lower Upper  
79 100  
52 102.7 77.6 116.4  
51 52.6 37.5 56.3



#4  
n-Nitrosodimethylamine  
Concen: 42.282 ng  
RT: 3.554 min Scan# 79  
Delta R.T. -0.011 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

Tgt Ion: 42 Resp: 34966  
Ion Ratio Lower Upper  
42 100  
74 94.6 85.1 127.7  
44 7.8 6.9 10.3

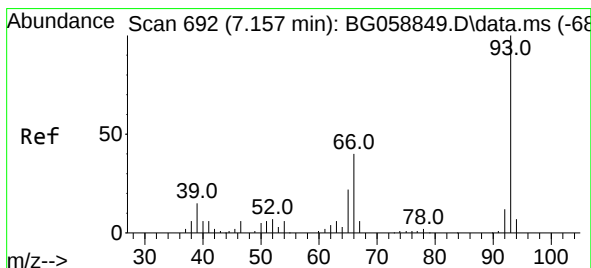
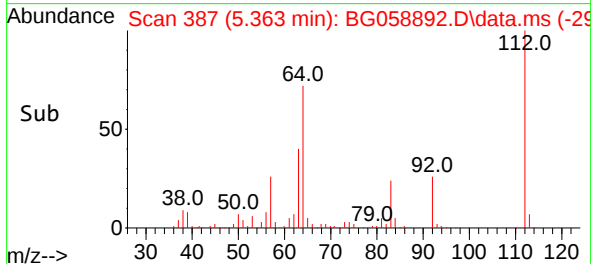
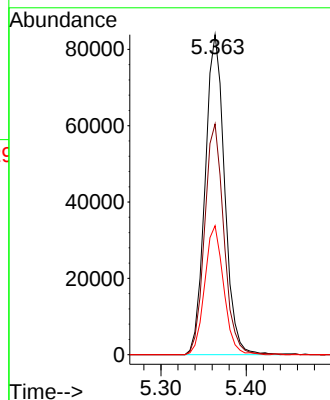
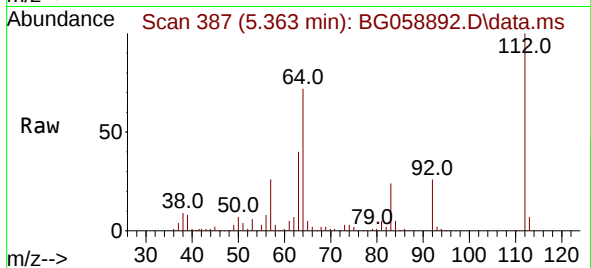




#5  
2-Fluorophenol  
Concen: 108.624 ng  
RT: 5.363 min Scan# 31  
Delta R.T. 0.007 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

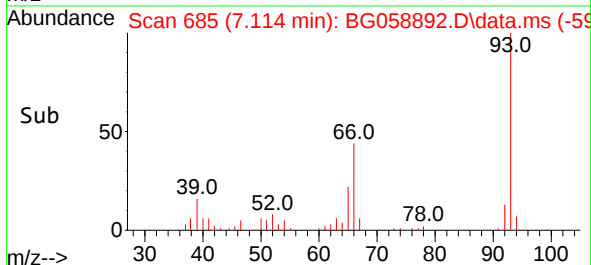
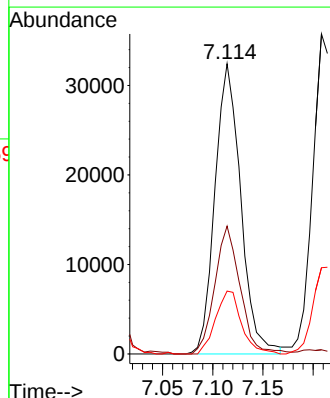
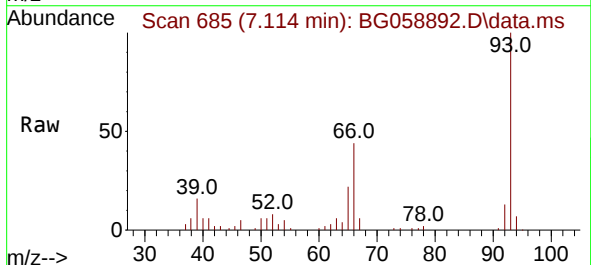
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-208MSD

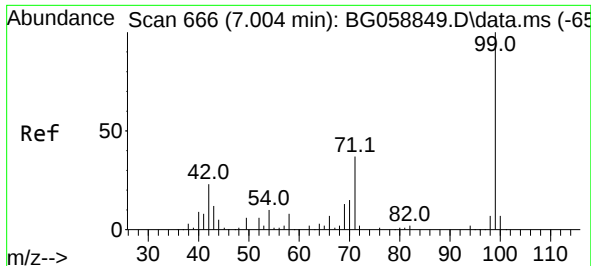
Tgt Ion:112 Resp: 132994  
Ion Ratio Lower Upper  
112 100  
64 72.1 60.6 90.8  
63 40.3 31.0 46.4



#6  
Aniline  
Concen: 27.607 ng  
RT: 7.114 min Scan# 685  
Delta R.T. -0.005 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

Tgt Ion: 93 Resp: 57970  
Ion Ratio Lower Upper  
93 100  
66 44.1 35.7 53.5  
65 21.7 18.2 27.2

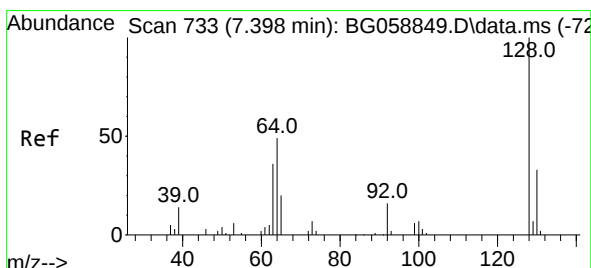
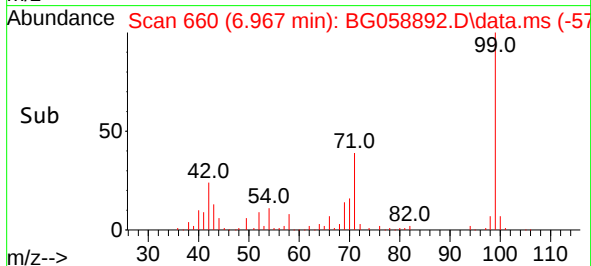
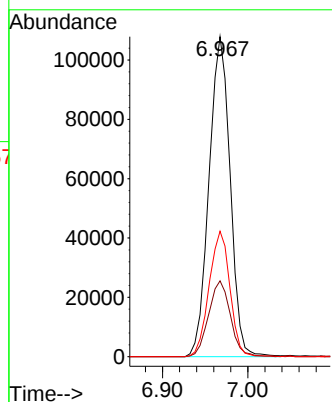
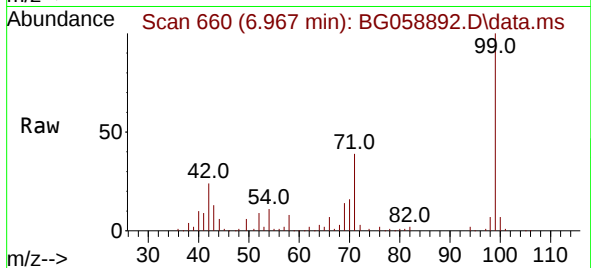




#7  
Phenol-d6  
Concen: 108.089 ng  
RT: 6.967 min Scan# 60  
Delta R.T. 0.001 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

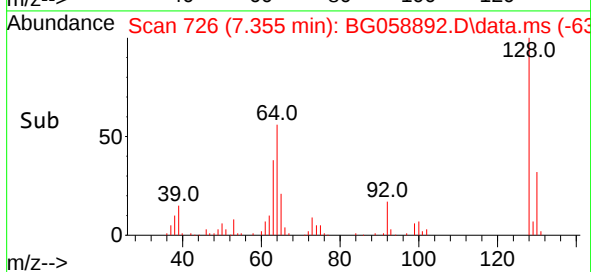
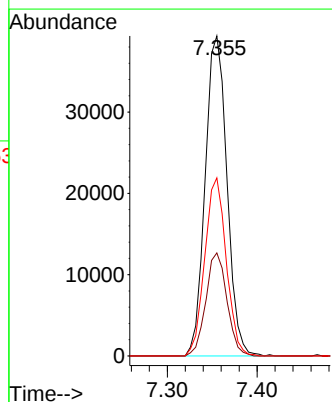
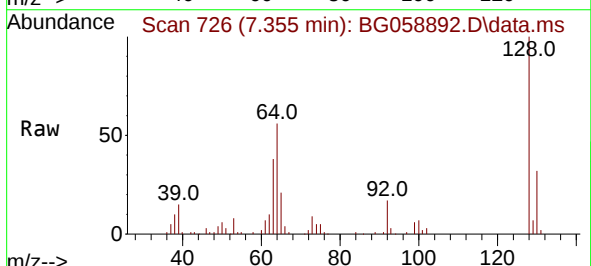
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-208MSD

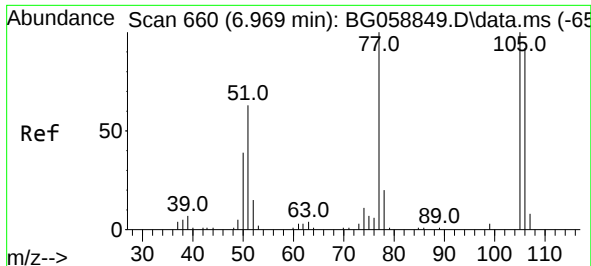
Tgt Ion: 99 Resp: 185674  
Ion Ratio Lower Upper  
99 100  
42 23.7 16.5 24.7  
71 39.2 28.4 42.6



#8  
2-Chlorophenol  
Concen: 53.512 ng  
RT: 7.355 min Scan# 726  
Delta R.T. 0.001 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

Tgt Ion:128 Resp: 66246  
Ion Ratio Lower Upper  
128 100  
130 32.2 10.9 50.9  
64 55.7 38.4 78.4

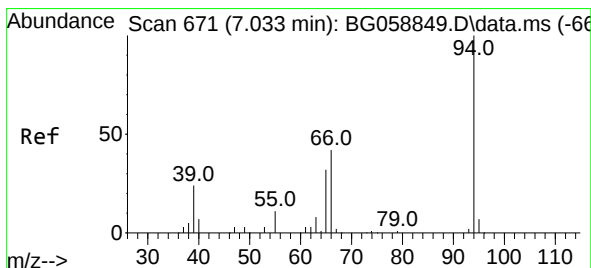
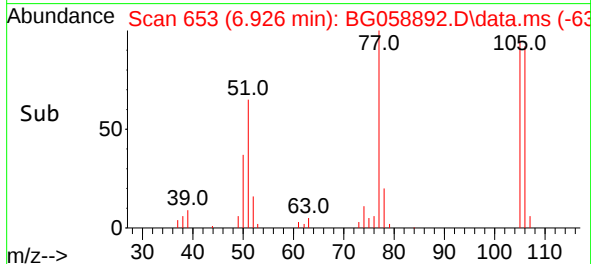
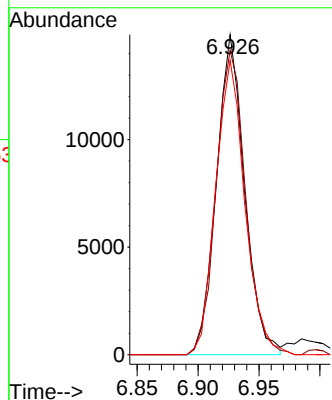
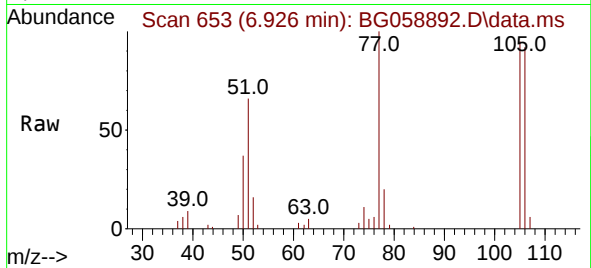




#9  
Benzaldehyde  
Concen: 24.851 ng  
RT: 6.926 min Scan# 61  
Delta R.T. -0.005 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

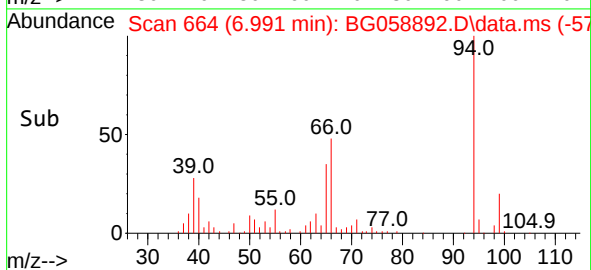
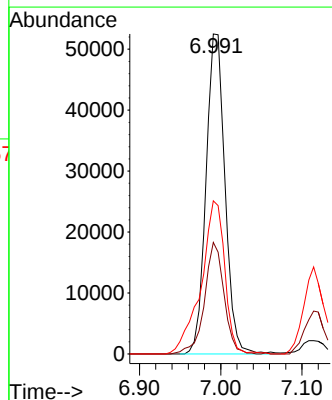
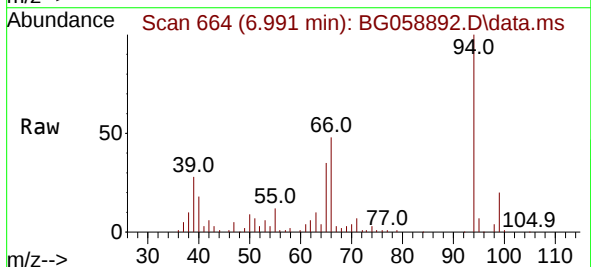
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-208MSD

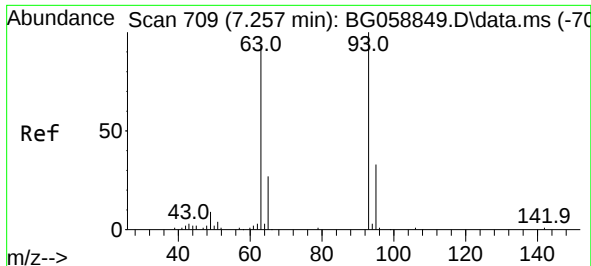
Tgt Ion: 77 Resp: 23945  
Ion Ratio Lower Upper  
77 100  
105 95.1 76.7 116.7  
106 92.0 73.4 113.4



#10  
Phenol  
Concen: 51.413 ng  
RT: 6.991 min Scan# 664  
Delta R.T. -0.005 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

Tgt Ion: 94 Resp: 85161  
Ion Ratio Lower Upper  
94 100  
65 34.8 12.6 52.6  
66 47.9 26.6 66.6

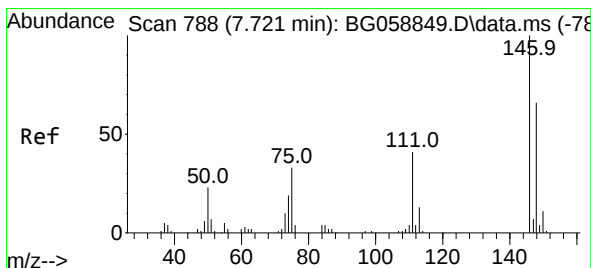
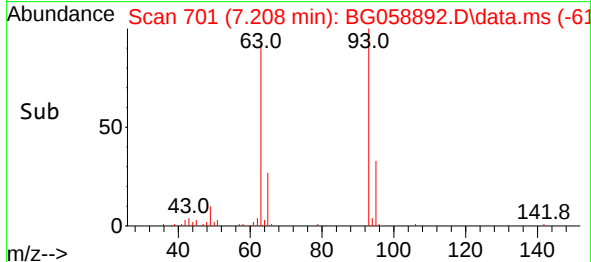
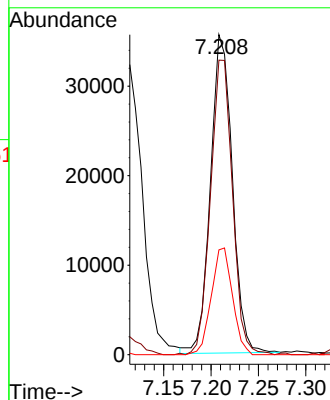
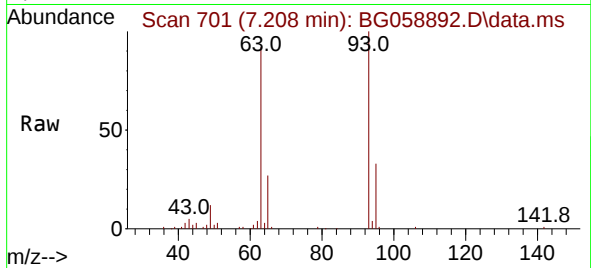




#11  
bis(2-Chloroethyl)ether  
Concen: 44.051 ng  
RT: 7.208 min Scan# 709  
Delta R.T. -0.005 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

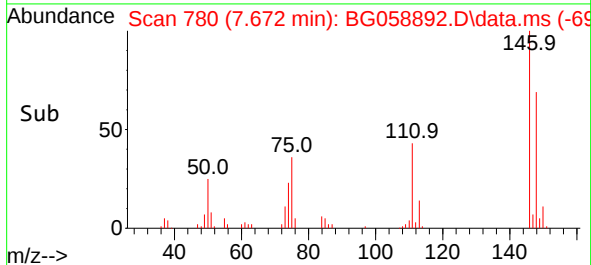
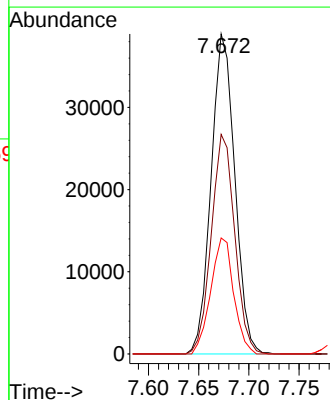
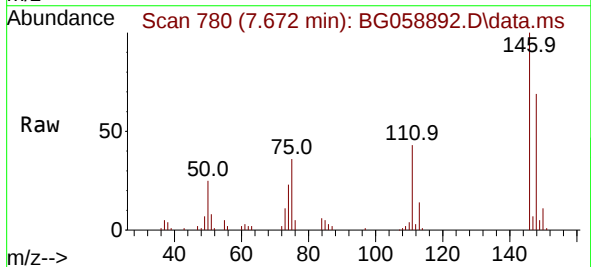
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-208MSD

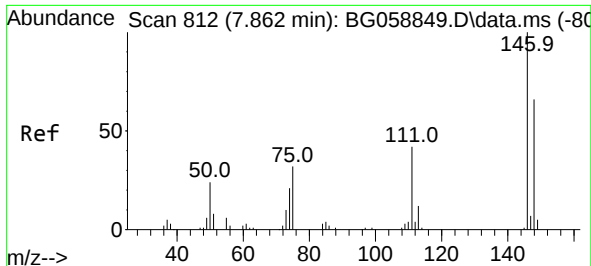
Tgt Ion: 93 Resp: 56935  
Ion Ratio Lower Upper  
93 100  
63 92.0 74.8 114.8  
95 32.7 12.1 52.1



#12  
1,3-Dichlorobenzene  
Concen: 48.634 ng  
RT: 7.672 min Scan# 780  
Delta R.T. -0.005 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

Tgt Ion:146 Resp: 63951  
Ion Ratio Lower Upper  
146 100  
148 68.6 52.4 78.6  
75 36.3 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 49.810 ng

RT: 7.819 min Scan# 805

Delta R.T. -0.005 min

Lab File: BG058892.D

Acq: 29 Aug 2023 18:07

Instrument :

BNA\_G

ClientSampleId :

VNJ-208MSD

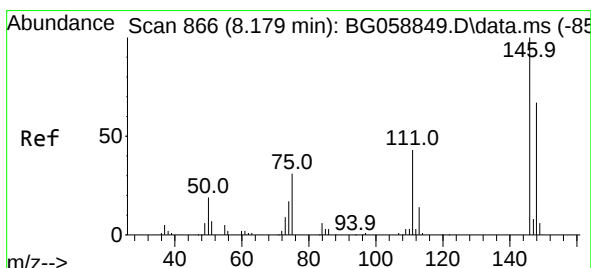
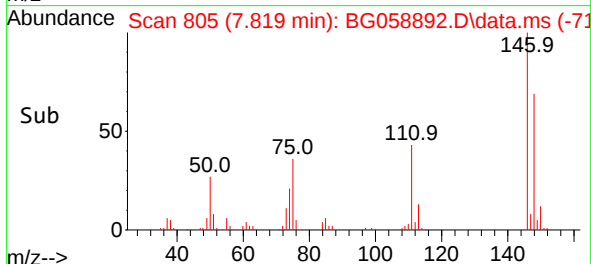
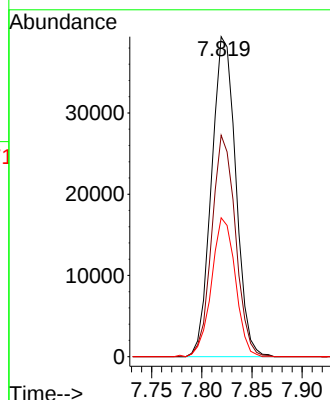
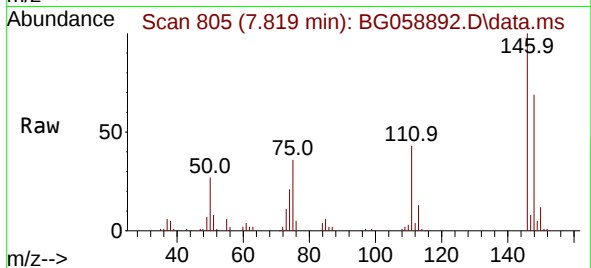
Tgt Ion:146 Resp: 66233

Ion Ratio Lower Upper

146 100

148 69.2 51.3 76.9

111 43.4 33.8 50.8



#14

1,2-Dichlorobenzene

Concen: 50.043 ng

RT: 8.137 min Scan# 859

Delta R.T. -0.005 min

Lab File: BG058892.D

Acq: 29 Aug 2023 18:07

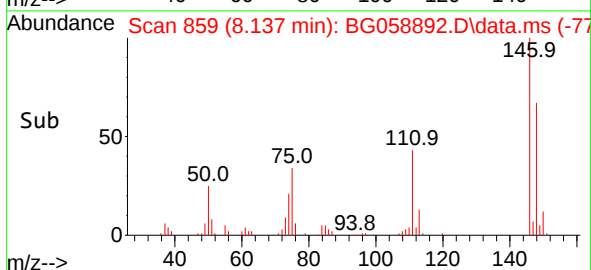
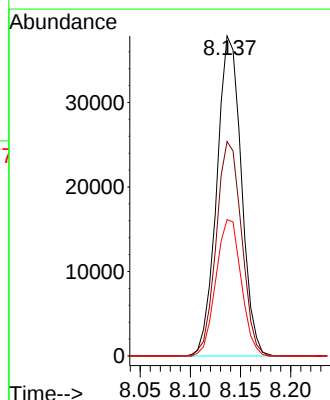
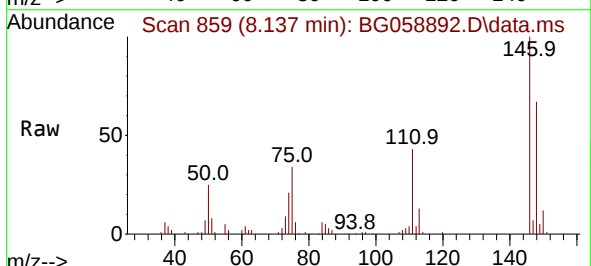
Tgt Ion:146 Resp: 64315

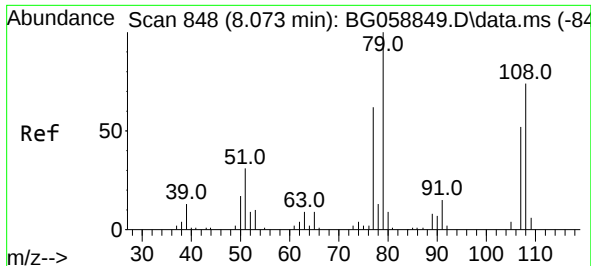
Ion Ratio Lower Upper

146 100

148 67.0 52.9 79.3

111 42.6 35.5 53.3

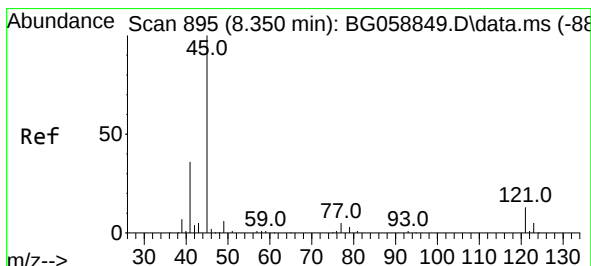
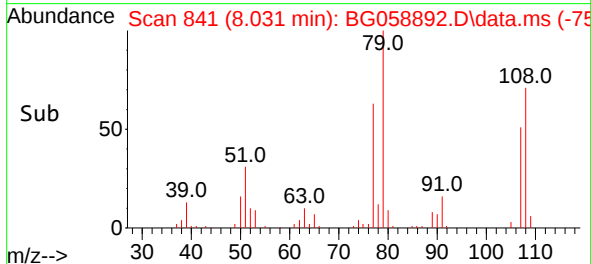
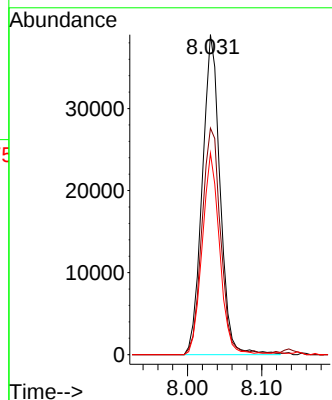
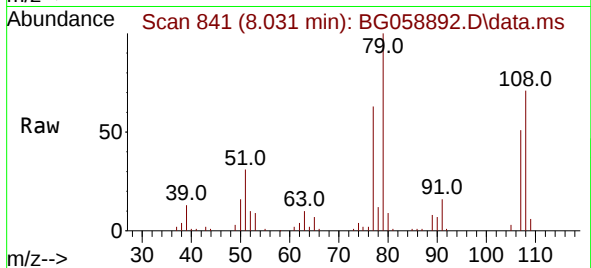




#15  
Benzyl Alcohol  
Concen: 53.080 ng  
RT: 8.031 min Scan# 841  
Delta R.T. -0.005 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

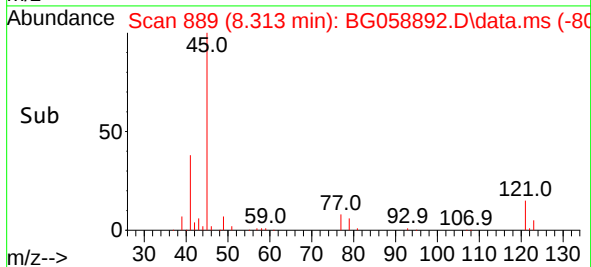
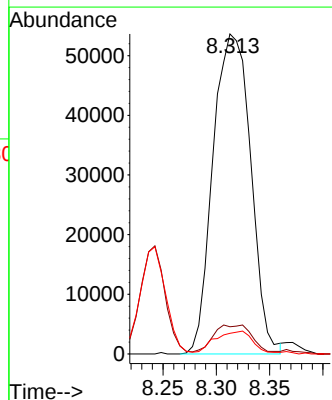
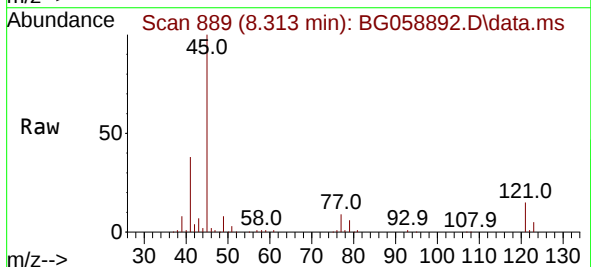
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-208MSD

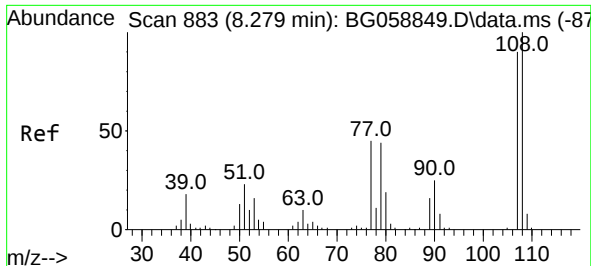
Tgt Ion: 79 Resp: 65192  
Ion Ratio Lower Upper  
79 100  
108 70.8 63.4 95.0  
77 62.9 52.2 78.2



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 47.946 ng  
RT: 8.313 min Scan# 889  
Delta R.T. -0.005 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

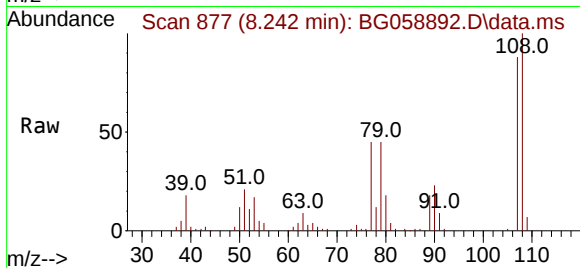
Tgt Ion: 45 Resp: 132065  
Ion Ratio Lower Upper  
45 100  
77 8.5 0.0 30.3  
79 6.5 0.0 27.7



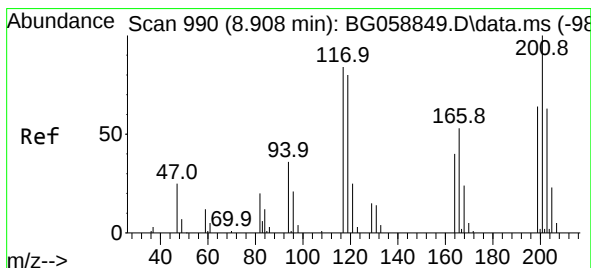
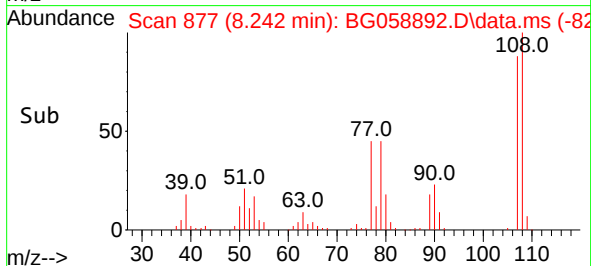
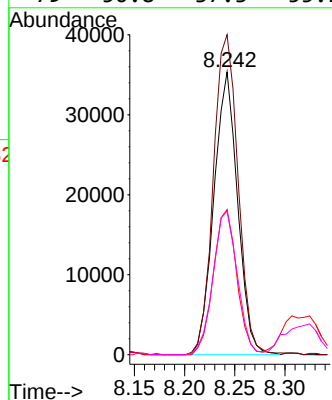


#17  
2-Methylphenol  
Concen: 47.904 ng  
RT: 8.242 min Scan# 81  
Delta R.T. 0.001 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-208MSD

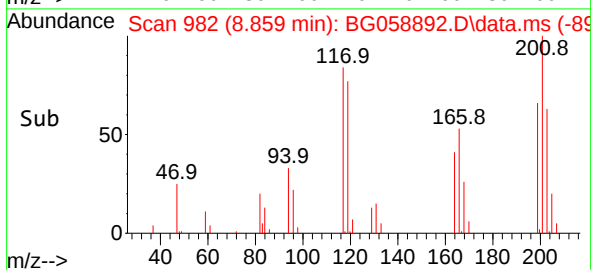
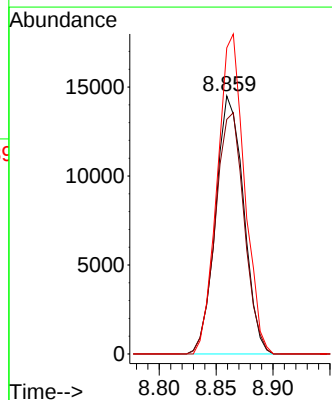
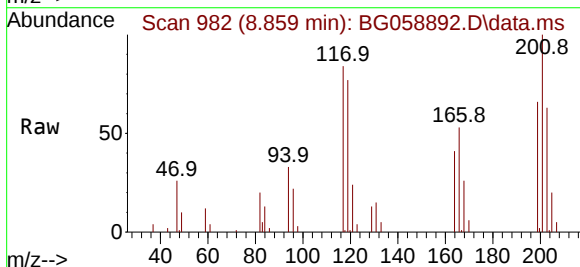


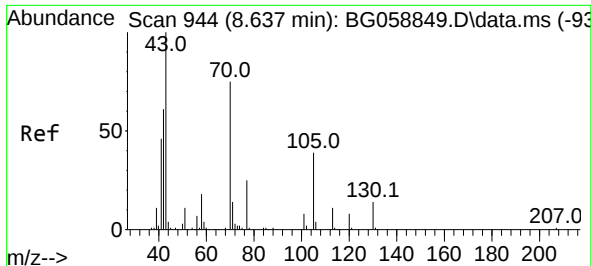
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 58280 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 113.2 | 92.2  | 138.2 |
| 77       | 51.3  | 40.0  | 60.0  |
| 79       | 50.8  | 37.3  | 55.9  |



#18  
Hexachloroethane  
Concen: 51.166 ng  
RT: 8.859 min Scan# 982  
Delta R.T. -0.005 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 24789 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 89.8  | 76.6  | 115.0 |
| 201      | 117.2 | 97.0  | 145.6 |

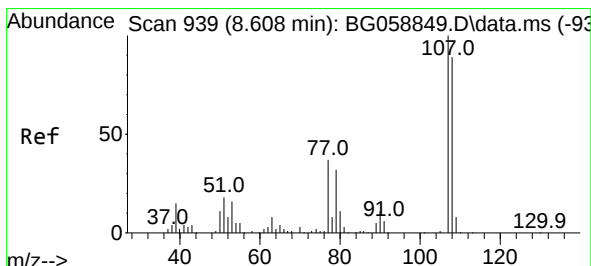
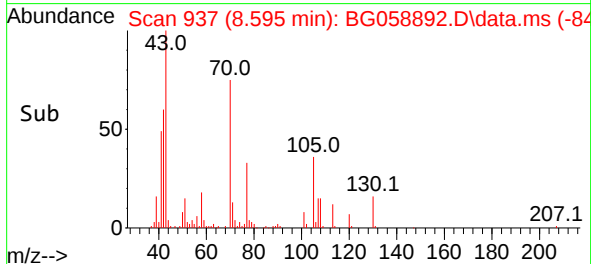
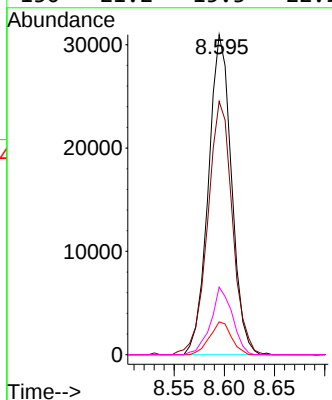
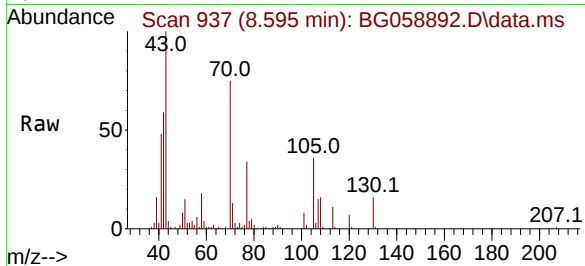




#19  
n-Nitroso-di-n-propylamine  
Concen: 44.715 ng  
RT: 8.595 min Scan# 91  
Delta R.T. -0.005 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

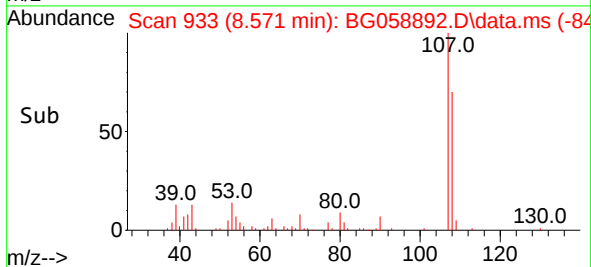
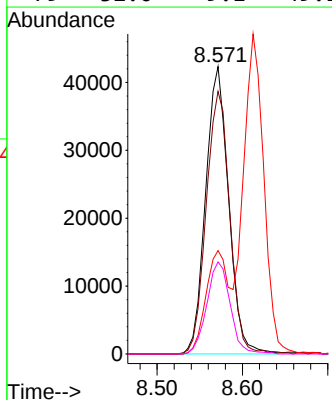
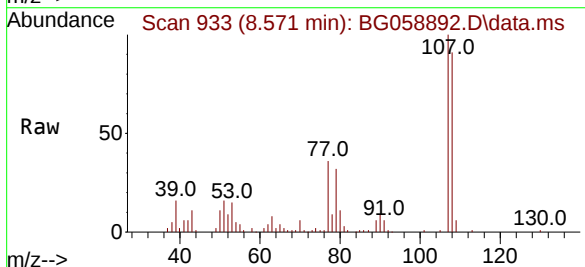
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-208MSD

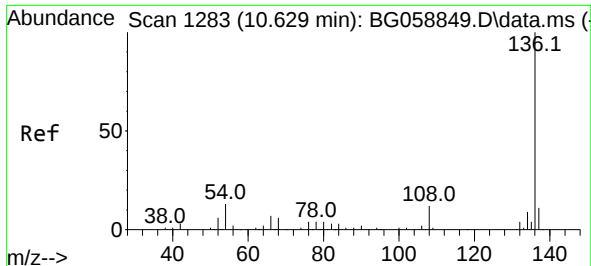
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 49651 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 79.2  | 59.2  | 88.8  |
| 101      | 10.3  | 8.2   | 12.2  |
| 130      | 21.2  | 15.3  | 22.9  |



#20  
3+4-Methylphenols  
Concen: 48.439 ng  
RT: 8.571 min Scan# 933  
Delta R.T. 0.001 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 79228 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 91.3  | 70.6  | 110.6 |
| 77       | 36.0  | 14.8  | 54.8  |
| 79       | 32.0  | 9.1   | 49.1  |

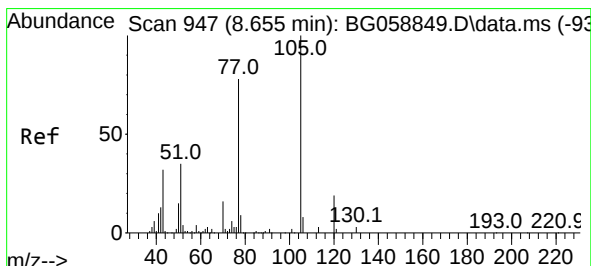
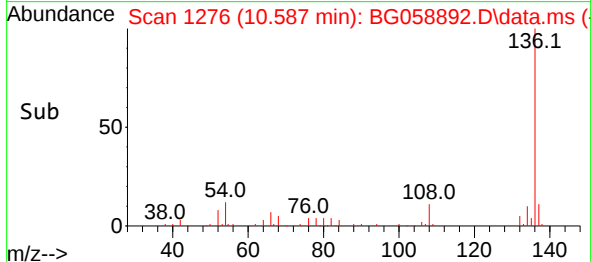
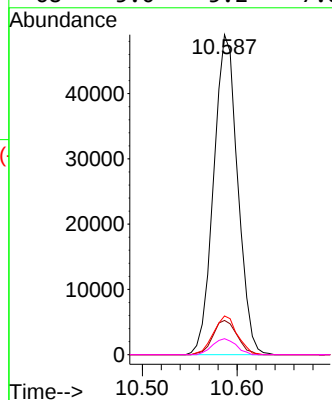
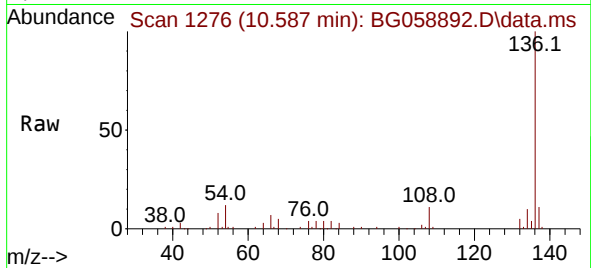




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.587 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

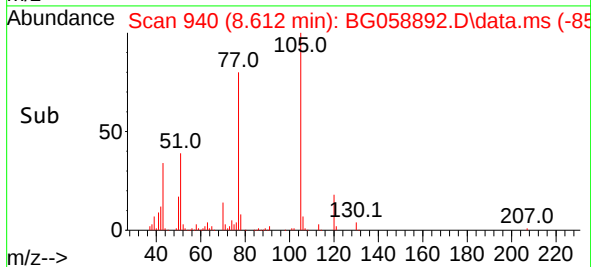
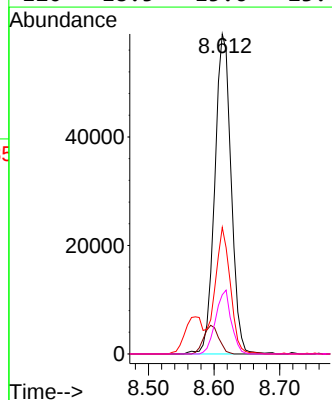
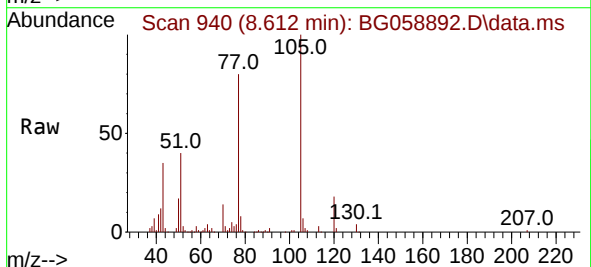
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-208MSD

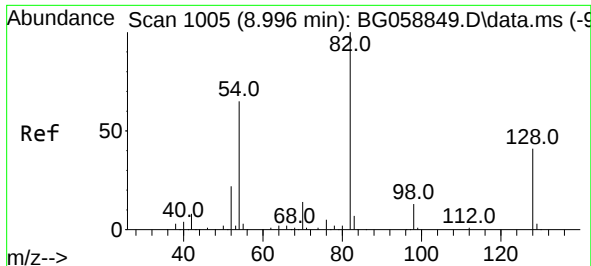
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 86277 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 10.7  | 8.7   | 13.1  |
| 54        | 12.7  | 10.1  | 15.1  |
| 68        | 5.0   | 5.2   | 7.8   |



#22  
Acetophenone  
Concen: 43.683 ng  
RT: 8.612 min Scan# 940  
Delta R.T. -0.005 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 102021 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 2.9   | 2.2   | 3.2    |
| 51        | 39.6  | 28.5  | 42.7   |
| 120       | 18.5  | 15.6  | 23.4   |

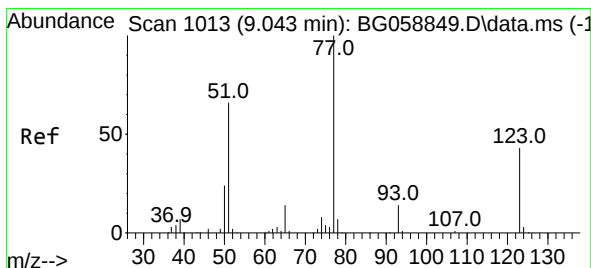
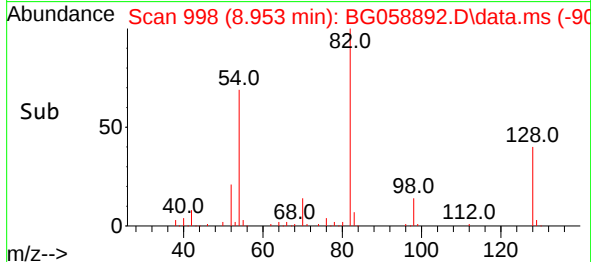
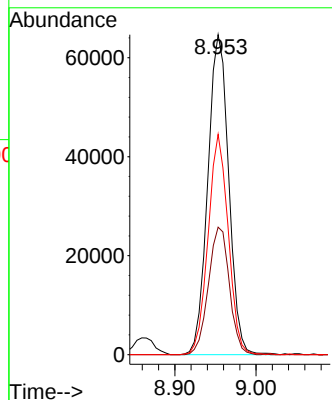
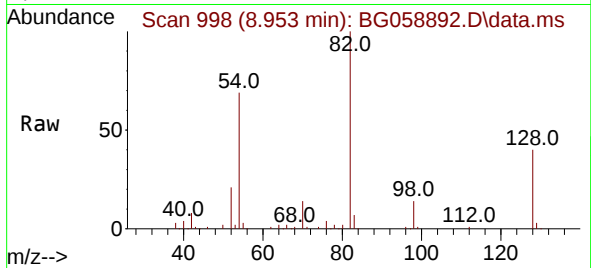




#23  
Nitrobenzene-d5  
Concen: 64.355 ng  
RT: 8.953 min Scan# 91  
Delta R.T. -0.005 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

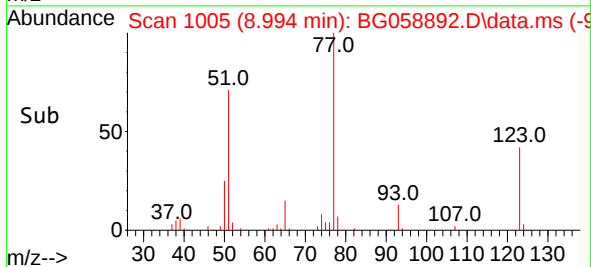
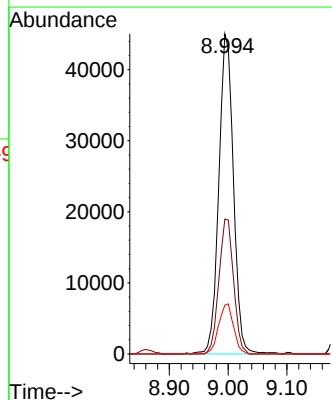
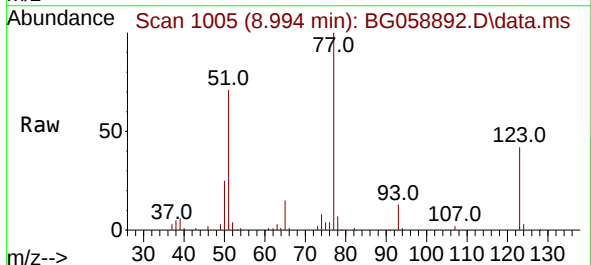
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-208MSD

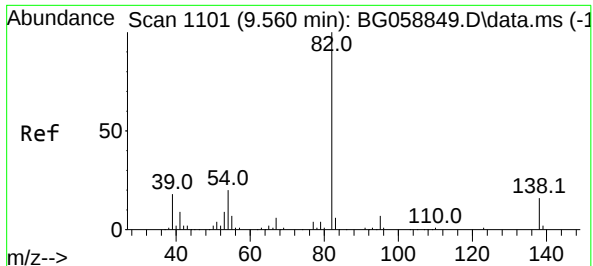
Tgt Ion: 82 Resp: 115487  
Ion Ratio Lower Upper  
82 100  
128 39.9 33.2 49.8  
54 68.9 51.2 76.8



#24  
Nitrobenzene  
Concen: 43.613 ng  
RT: 8.994 min Scan# 1005  
Delta R.T. -0.005 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

Tgt Ion: 77 Resp: 77841  
Ion Ratio Lower Upper  
77 100  
123 42.1 34.9 52.3  
65 15.2 10.9 16.3

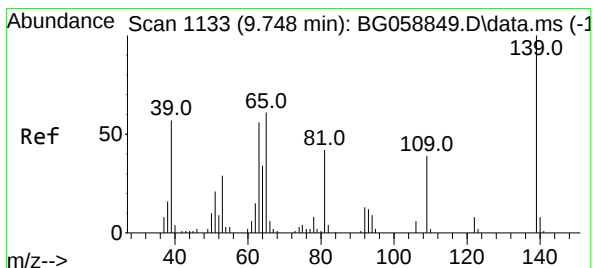
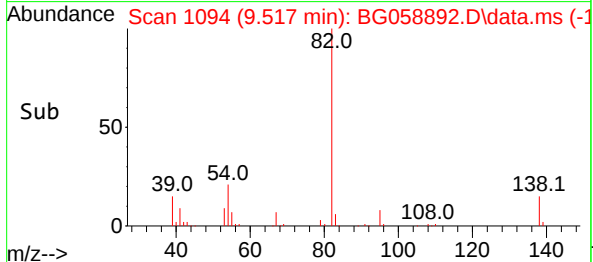
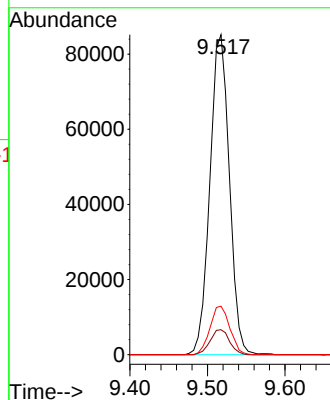
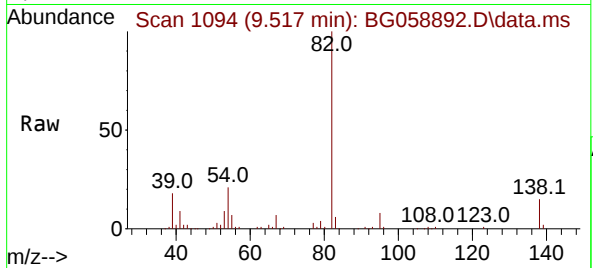




#25  
Isophorone  
Concen: 41.614 ng  
RT: 9.517 min Scan# 1101  
Delta R.T. -0.005 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

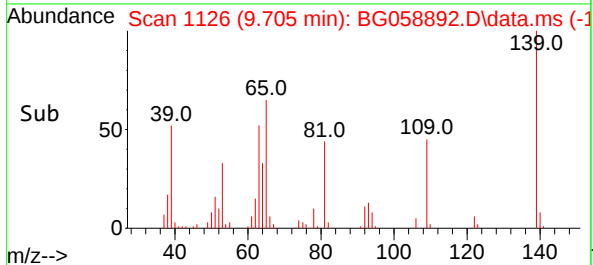
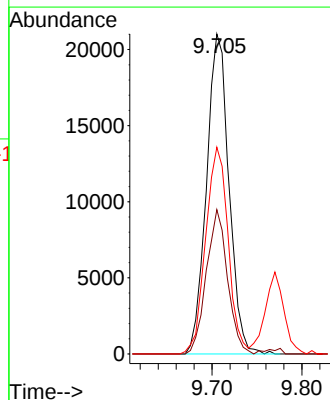
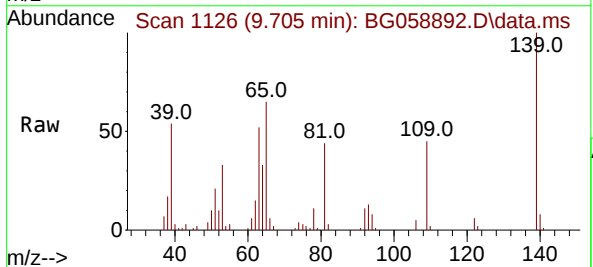
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-208MSD

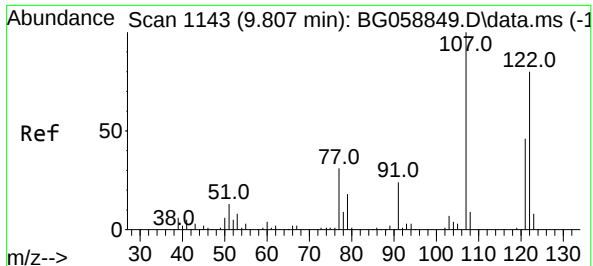
Tgt Ion: 82 Resp: 148507  
Ion Ratio Lower Upper  
82 100  
95 7.8 6.1 9.1  
138 15.2 12.2 18.4



#26  
2-Nitrophenol  
Concen: 48.885 ng  
RT: 9.705 min Scan# 1126  
Delta R.T. 0.001 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

Tgt Ion: 139 Resp: 36491  
Ion Ratio Lower Upper  
139 100  
109 45.1 28.7 43.1#  
65 64.6 50.6 76.0





#27

2,4-Dimethylphenol

Concen: 48.939 ng

RT: 9.770 min Scan# 1137

Delta R.T. 0.001 min

Lab File: BG058892.D

Acq: 29 Aug 2023 18:07

Instrument :

BNA\_G

ClientSampleId :

VNJ-208MSD

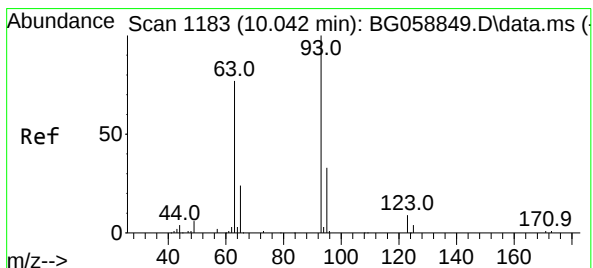
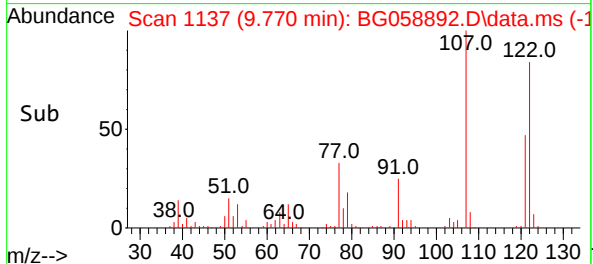
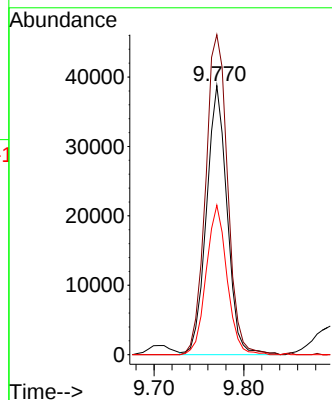
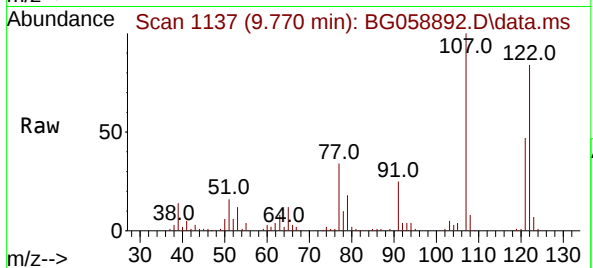
Tgt Ion:122 Resp: 61913

Ion Ratio Lower Upper

122 100

107 118.9 102.6 154.0

121 55.5 45.0 67.4



#28

bis(2-Chloroethoxy)methane

Concen: 43.443 ng

RT: 9.999 min Scan# 1176

Delta R.T. -0.005 min

Lab File: BG058892.D

Acq: 29 Aug 2023 18:07

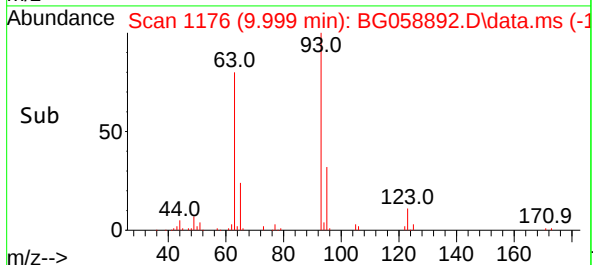
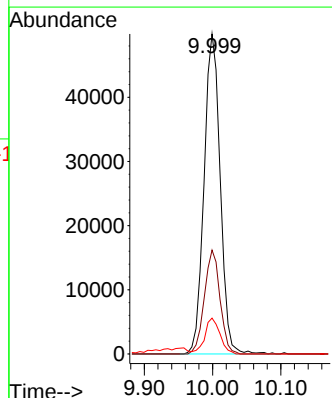
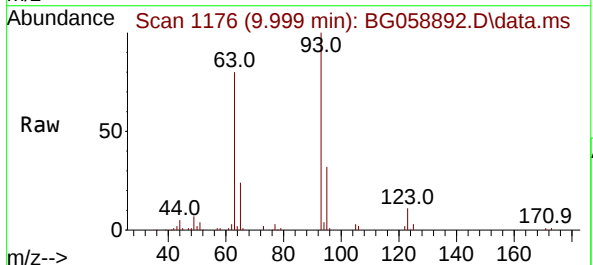
Tgt Ion: 93 Resp: 82122

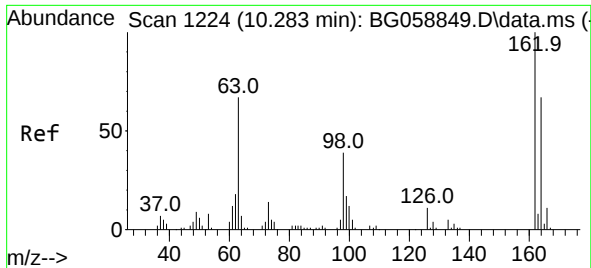
Ion Ratio Lower Upper

93 100

95 32.5 26.2 39.4

123 11.2 8.1 12.1





#29

2,4-Dichlorophenol

Concen: 53.355 ng

RT: 10.246 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG058892.D

Acq: 29 Aug 2023 18:07

Instrument :

BNA\_G

ClientSampleId :

VNJ-208MSD

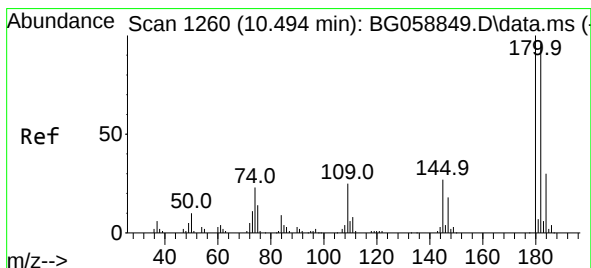
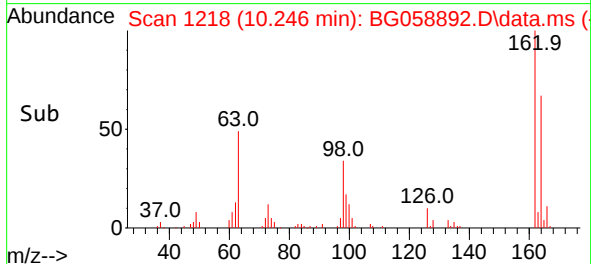
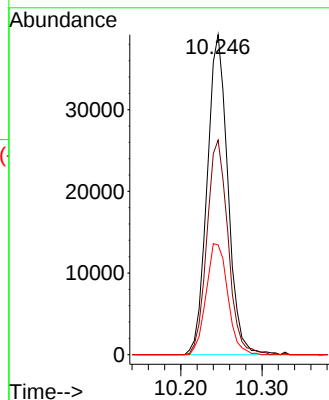
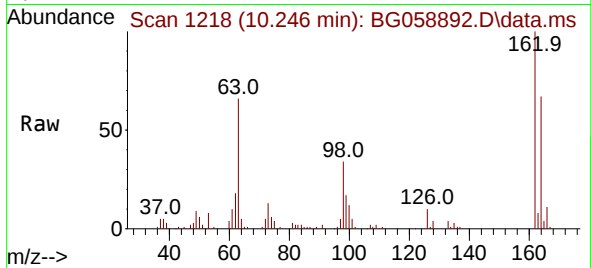
Tgt Ion:162 Resp: 69361

Ion Ratio Lower Upper

162 100

164 67.0 44.4 84.4

98 34.3 16.1 56.1



#30

1,2,4-Trichlorobenzene

Concen: 48.502 ng

RT: 10.451 min Scan# 1253

Delta R.T. 0.001 min

Lab File: BG058892.D

Acq: 29 Aug 2023 18:07

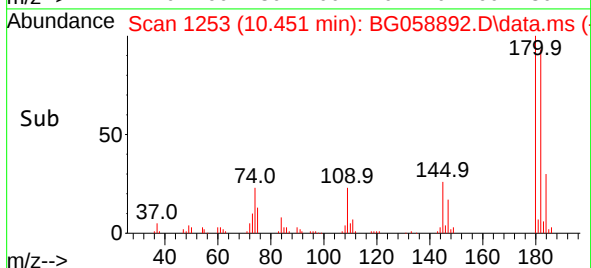
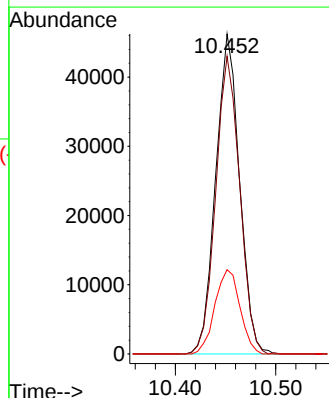
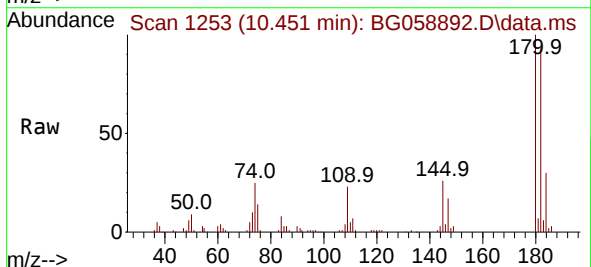
Tgt Ion:180 Resp: 76139

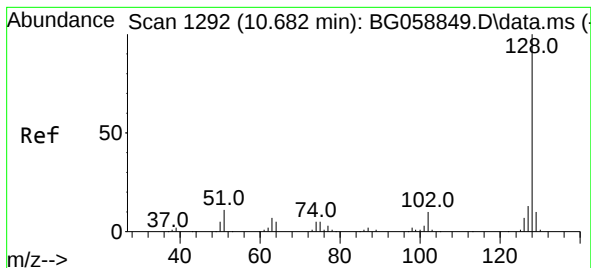
Ion Ratio Lower Upper

180 100

182 93.0 74.6 112.0

145 26.3 21.4 32.0

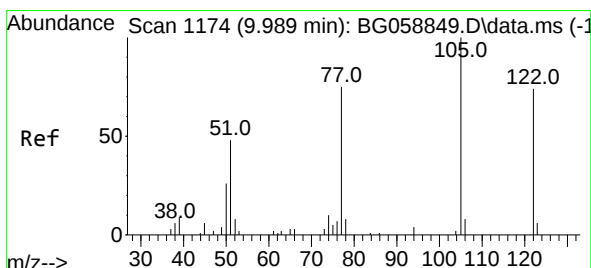
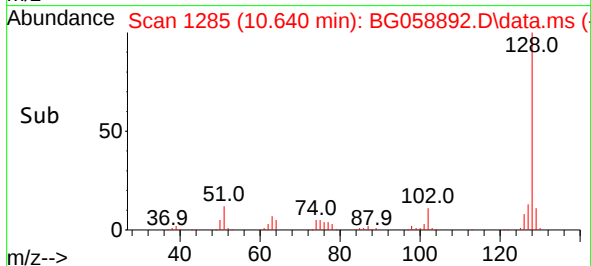
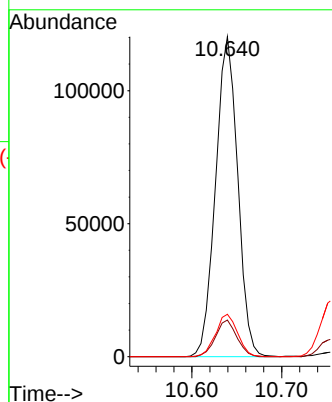
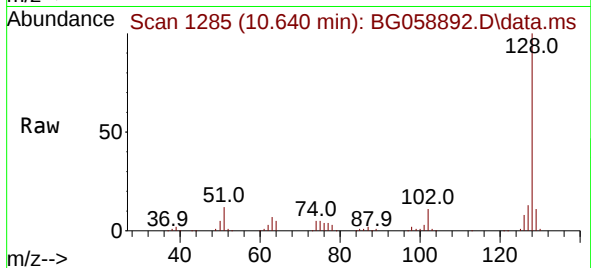




#31  
Naphthalene  
Concen: 45.408 ng  
RT: 10.640 min Scan# 1169  
Delta R.T. 0.001 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

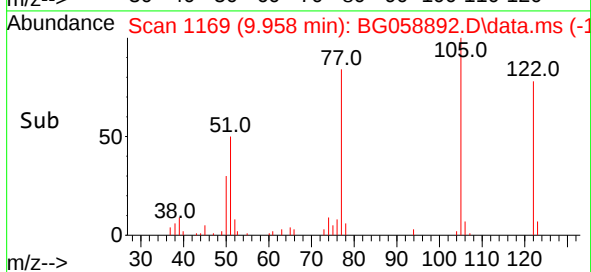
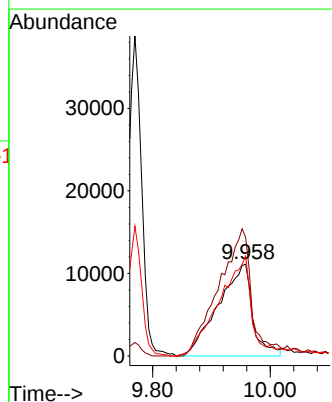
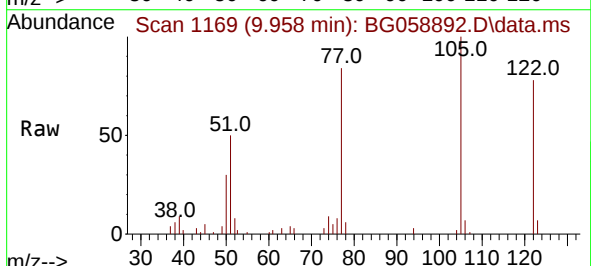
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-208MSD

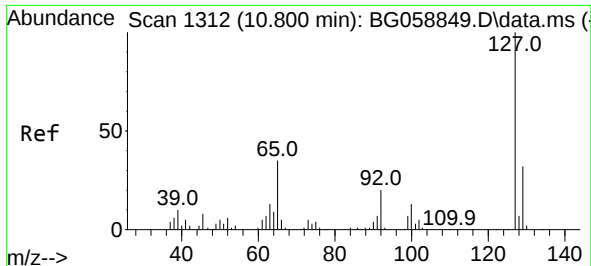
Tgt Ion:128 Resp: 205700  
Ion Ratio Lower Upper  
128 100  
129 11.4 8.9 13.3  
127 13.3 10.6 15.8



#32  
Benzoic acid  
Concen: 57.005 ng  
RT: 9.958 min Scan# 1169  
Delta R.T. -0.005 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

Tgt Ion:122 Resp: 45144  
Ion Ratio Lower Upper  
122 100  
105 129.0 113.6 153.6  
77 108.7 79.7 119.7

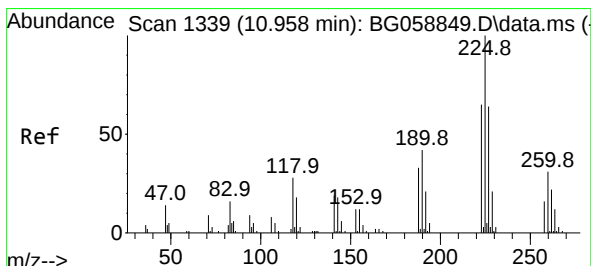
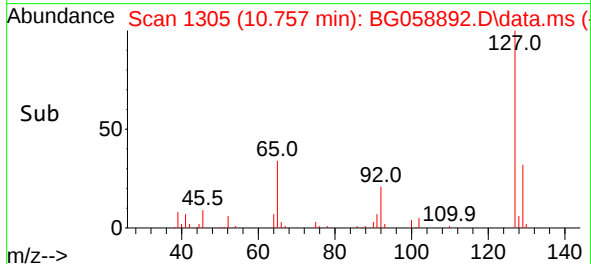
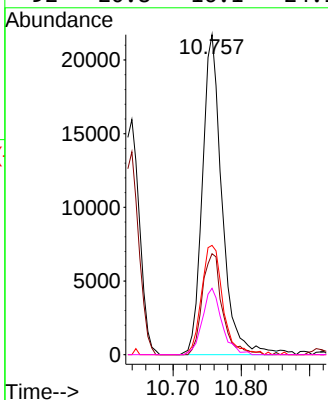
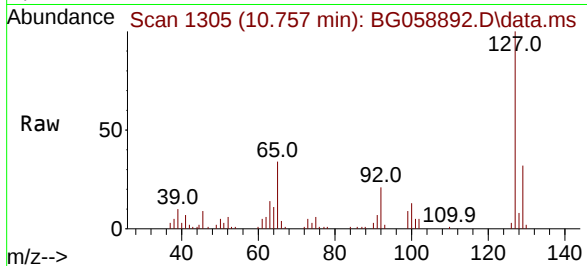




#33  
4-Chloroaniline  
Concen: 22.715 ng  
RT: 10.757 min Scan# 1305  
Delta R.T. 0.001 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

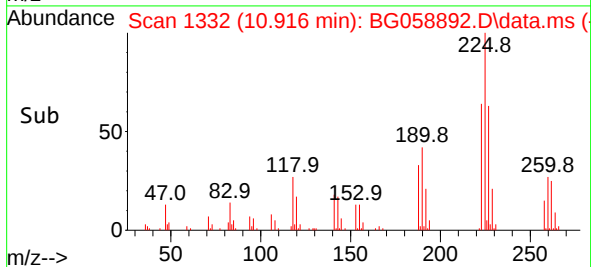
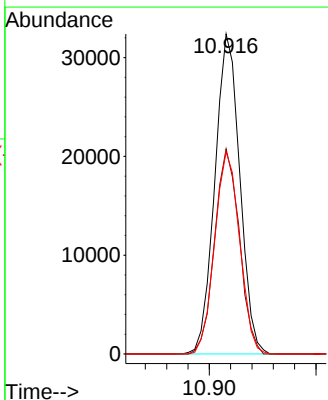
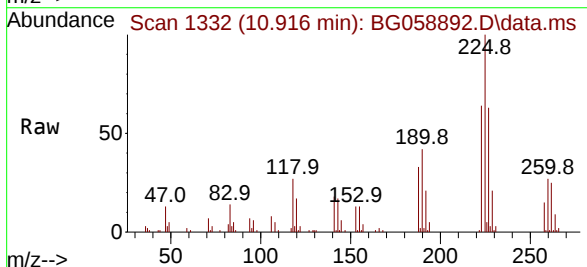
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-208MSD

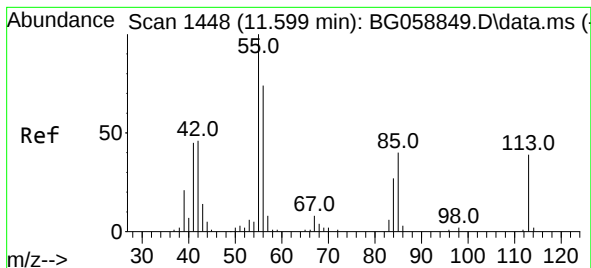
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:127 | Resp: | 43397     |
| Ion Ratio   | Lower | Upper     |
| 127         | 100   |           |
| 129         | 31.6  | 25.2 37.8 |
| 65          | 34.1  | 30.5 45.7 |
| 92          | 20.8  | 16.1 24.1 |



#34  
Hexachlorobutadiene  
Concen: 49.588 ng  
RT: 10.916 min Scan# 1332  
Delta R.T. -0.005 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 52538     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 64.1  | 49.9 74.9 |
| 227         | 65.8  | 51.6 77.4 |





#35

Caprolactam

Concen: 36.608 ng

RT: 11.556 min Scan# 1441

Delta R.T. -0.005 min

Lab File: BG058892.D

Acq: 29 Aug 2023 18:07

Instrument :

BNA\_G

ClientSampleId :

VNJ-208MSD

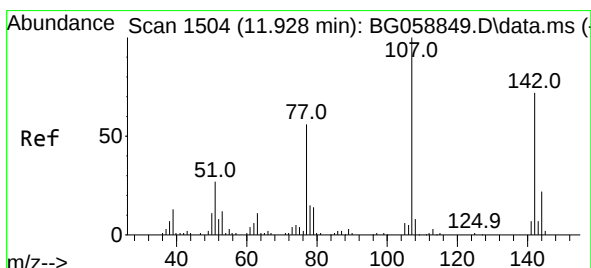
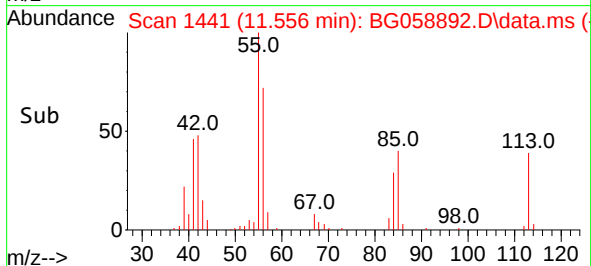
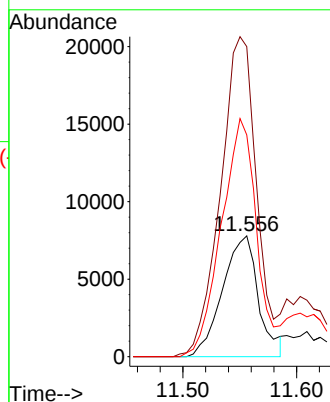
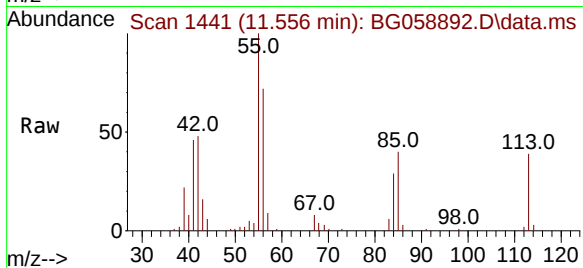
Tgt Ion:113 Resp: 17053

Ion Ratio Lower Upper

113 100

55 256.8 256.3 296.3

56 183.7 180.4 220.4



#36

4-Chloro-3-methylphenol

Concen: 48.976 ng

RT: 11.897 min Scan# 1499

Delta R.T. 0.007 min

Lab File: BG058892.D

Acq: 29 Aug 2023 18:07

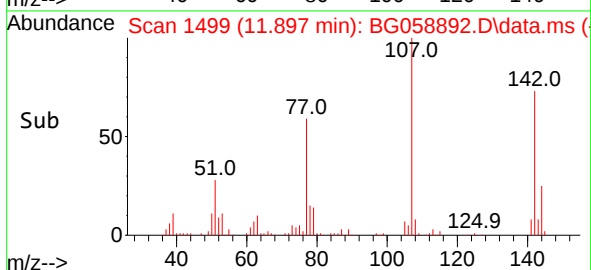
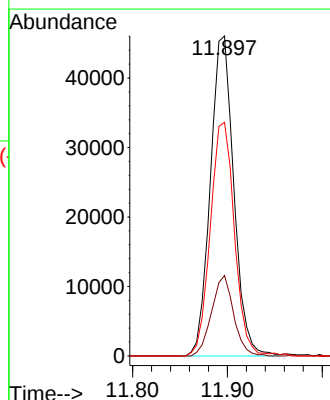
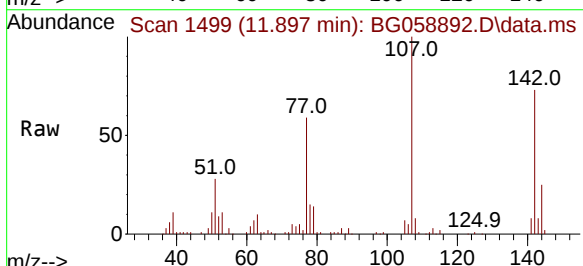
Tgt Ion:107 Resp: 79177

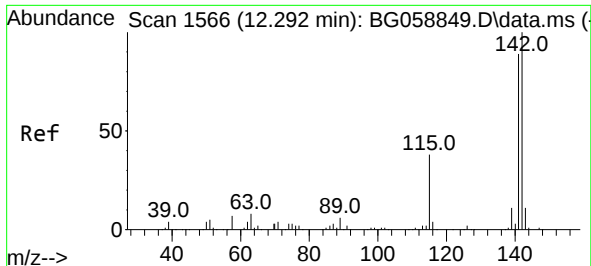
Ion Ratio Lower Upper

107 100

144 25.2 17.9 26.9

142 73.0 58.5 87.7

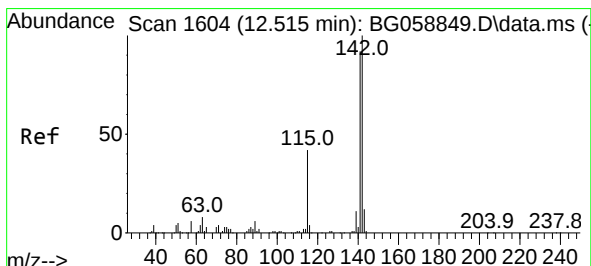
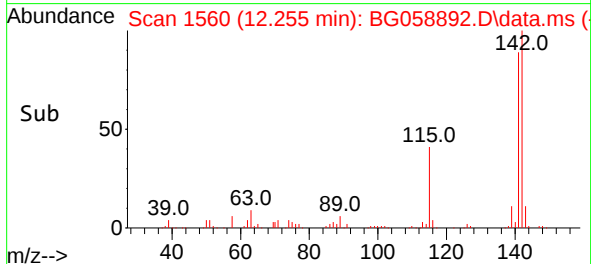
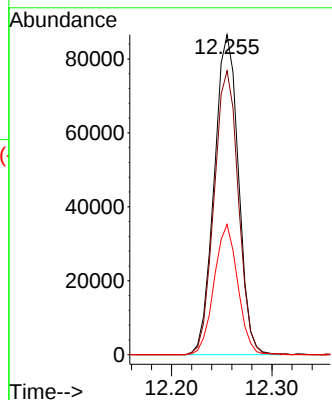
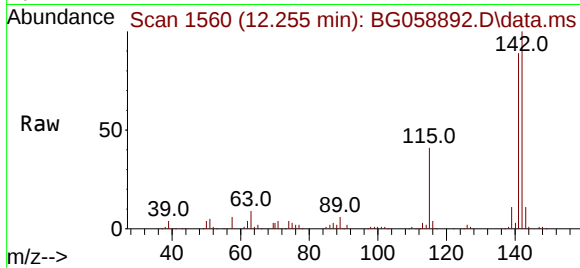




#37  
2-Methylnaphthalene  
Concen: 44.553 ng  
RT: 12.255 min Scan# 1560  
Delta R.T. 0.001 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

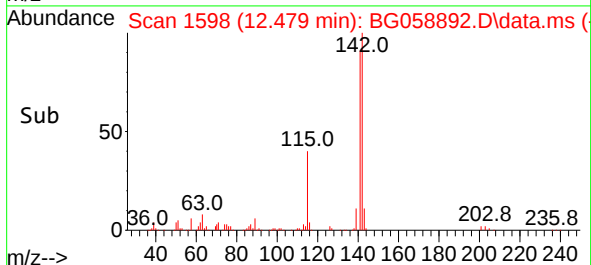
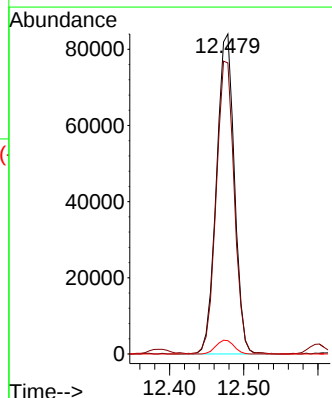
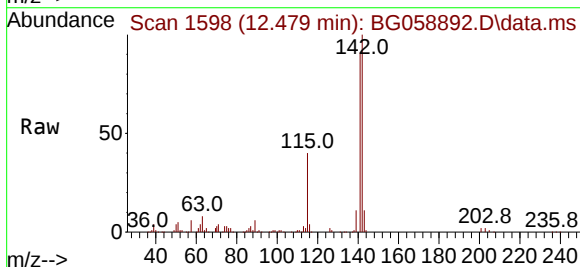
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-208MSD

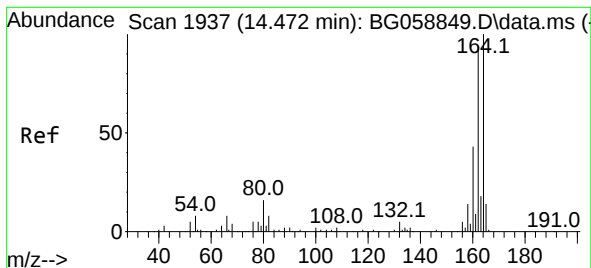
Tgt Ion:142 Resp: 144959  
Ion Ratio Lower Upper  
142 100  
141 88.7 71.8 107.8  
115 40.7 30.6 45.8



#38  
1-Methylnaphthalene  
Concen: 45.674 ng  
RT: 12.479 min Scan# 1598  
Delta R.T. 0.001 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

Tgt Ion:142 Resp: 141065  
Ion Ratio Lower Upper  
142 100  
141 90.9 73.9 110.9  
116 4.1 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.441 min Scan# 1937

Delta R.T. 0.001 min

Lab File: BG058892.D

Acq: 29 Aug 2023 18:07

Instrument :

BNA\_G

ClientSampleId :

VNJ-208MSD

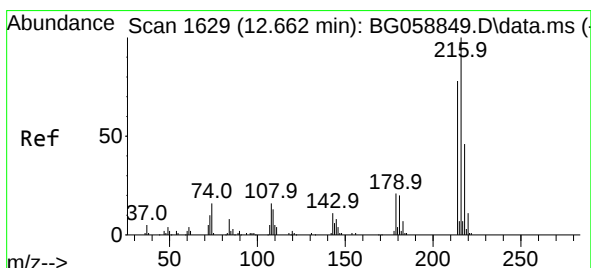
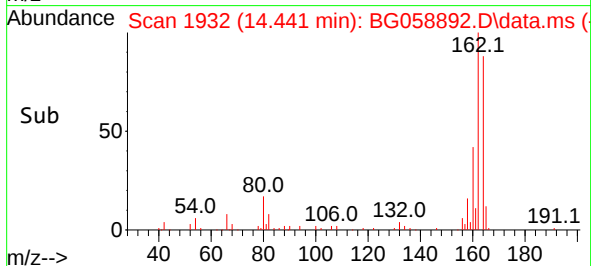
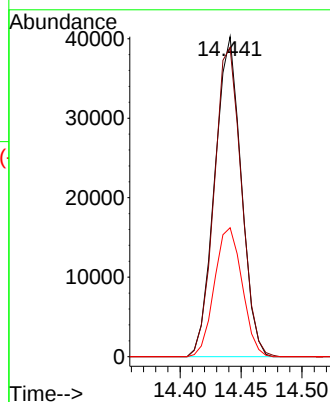
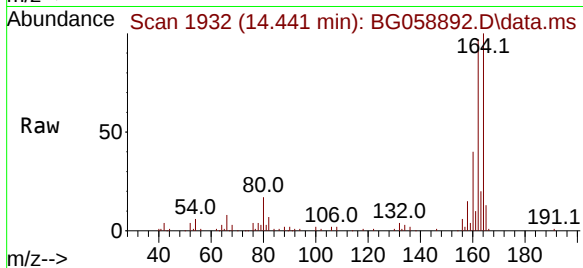
Tgt Ion:164 Resp: 60784

Ion Ratio Lower Upper

164 100

162 96.6 79.6 119.4

160 40.3 34.0 51.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.505 ng

RT: 12.625 min Scan# 1623

Delta R.T. 0.001 min

Lab File: BG058892.D

Acq: 29 Aug 2023 18:07

Tgt Ion:216 Resp: 90894

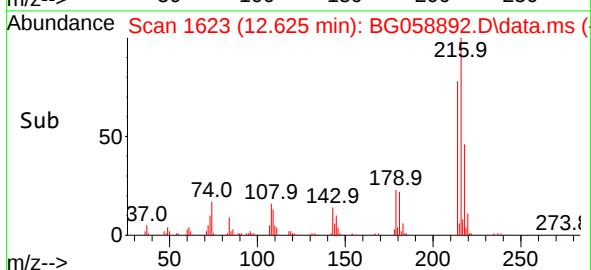
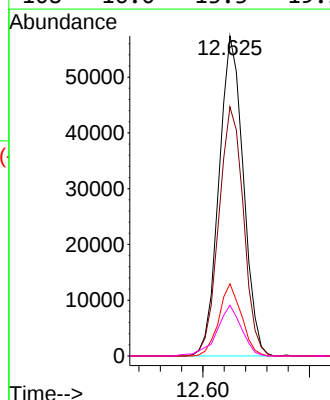
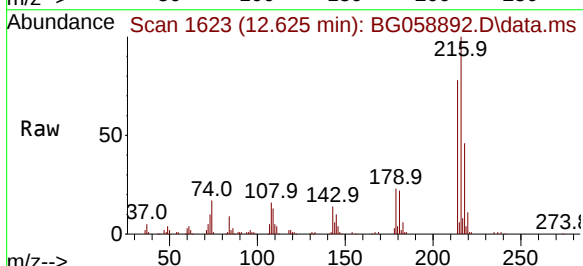
Ion Ratio Lower Upper

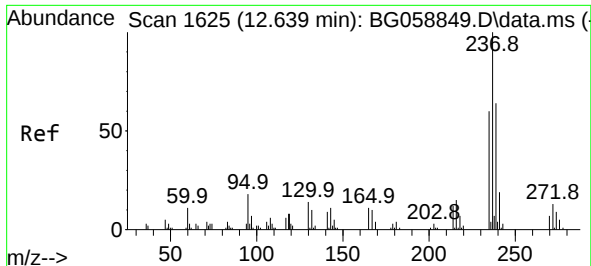
216 100

214 78.7 64.0 96.0

179 20.9 16.2 24.4

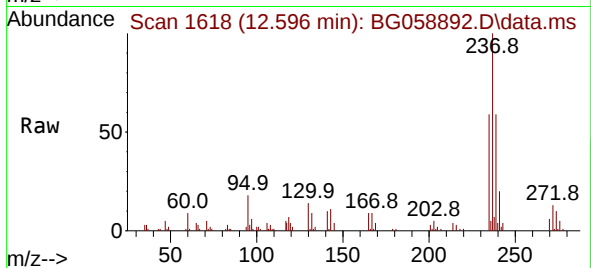
108 16.0 13.3 19.9



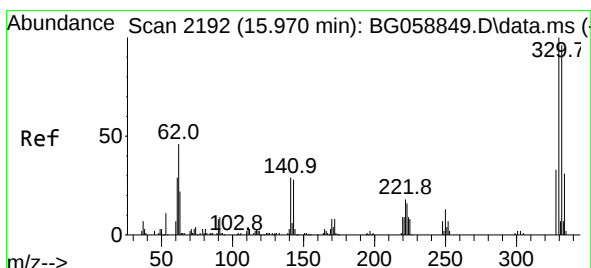
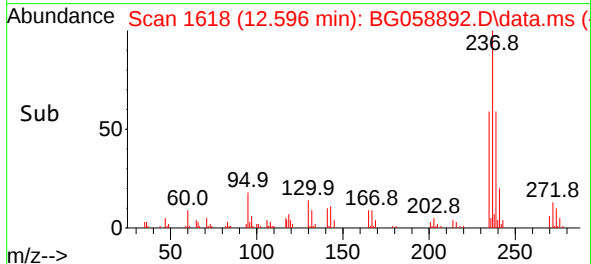
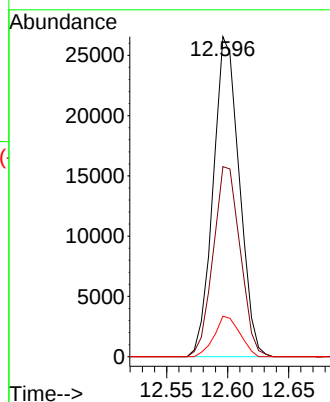


#41  
Hexachlorocyclopentadiene  
Concen: 56.503 ng  
RT: 12.596 min Scan# 1  
Delta R.T. -0.005 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-208MSD

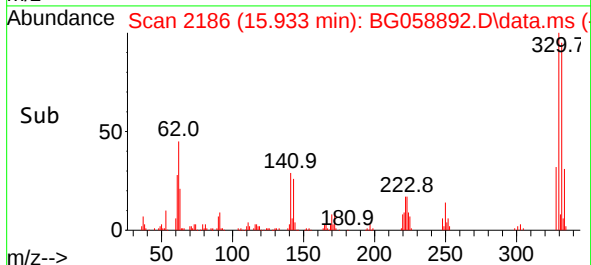
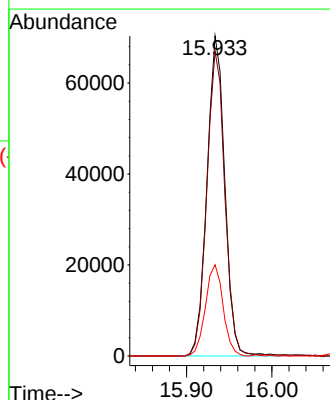
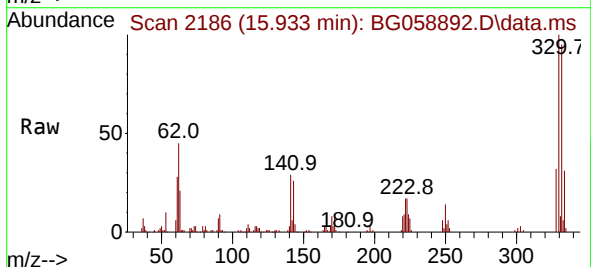


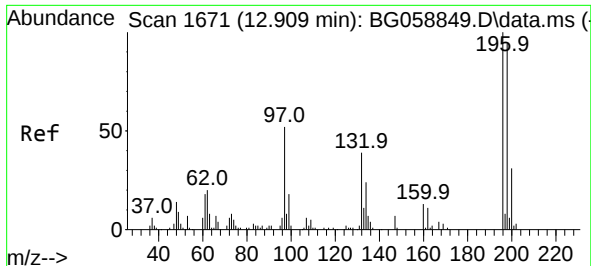
Tgt Ion:237 Resp: 39511  
Ion Ratio Lower Upper  
237 100  
235 59.4 41.5 81.5  
272 12.7 0.0 32.5



#42  
2,4,6-Tribromophenol  
Concen: 107.328 ng  
RT: 15.933 min Scan# 2186  
Delta R.T. 0.001 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

Tgt Ion:330 Resp: 102292  
Ion Ratio Lower Upper  
330 100  
332 96.2 78.5 117.7  
141 28.3 23.0 34.6

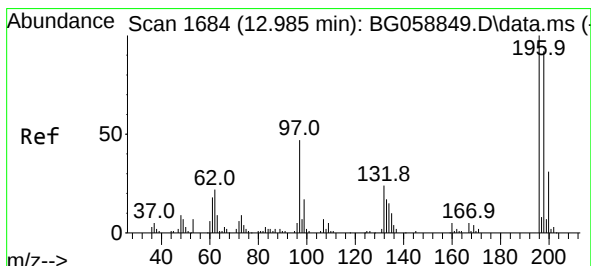
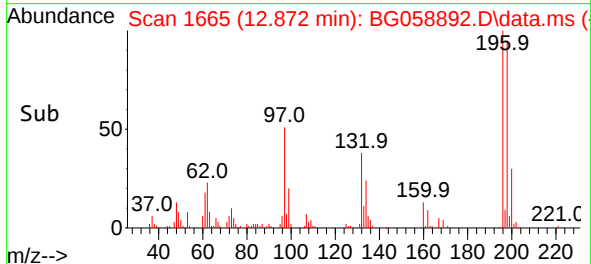
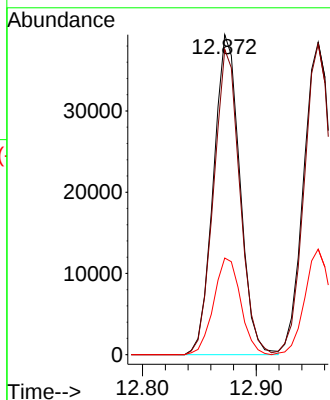
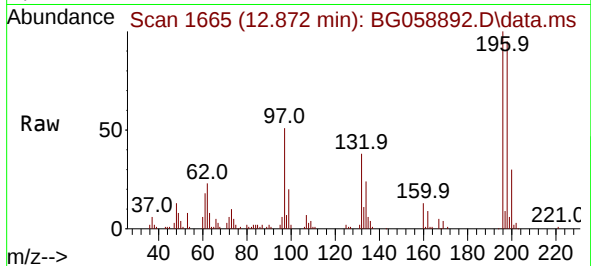




#43  
2,4,6-Trichlorophenol  
Concen: 53.220 ng  
RT: 12.872 min Scan# 1  
Delta R.T. 0.001 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

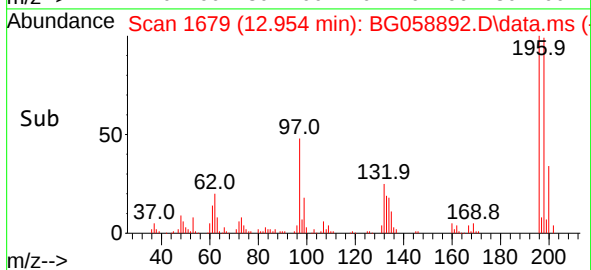
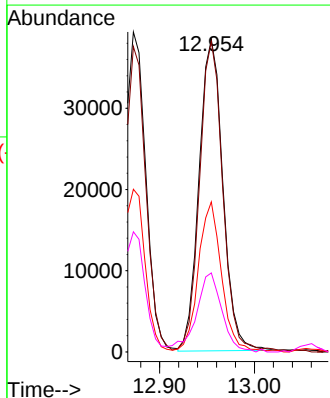
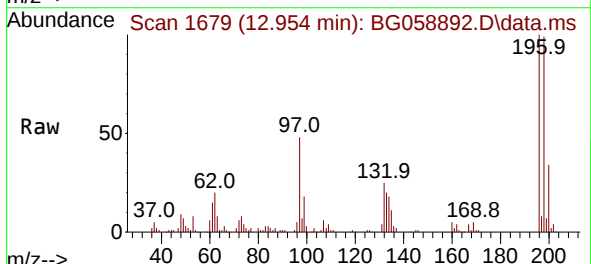
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-208MSD

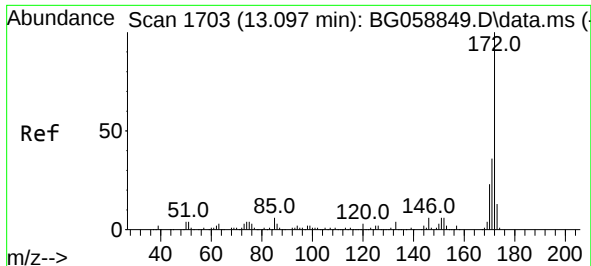
Tgt Ion:196 Resp: 63457  
Ion Ratio Lower Upper  
196 100  
198 95.4 77.0 115.4  
200 30.2 23.8 35.6



#44  
2,4,5-Trichlorophenol  
Concen: 46.912 ng  
RT: 12.954 min Scan# 1679  
Delta R.T. 0.007 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

Tgt Ion:196 Resp: 66983  
Ion Ratio Lower Upper  
196 100  
198 99.4 78.0 117.0  
97 48.0 38.7 58.1  
132 25.3 19.8 29.6

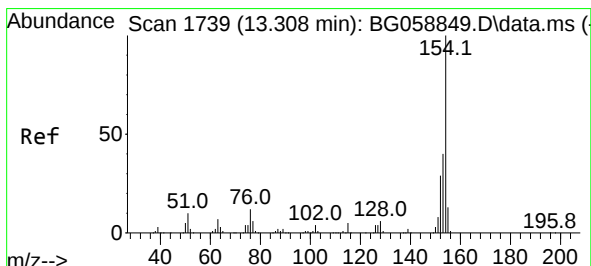
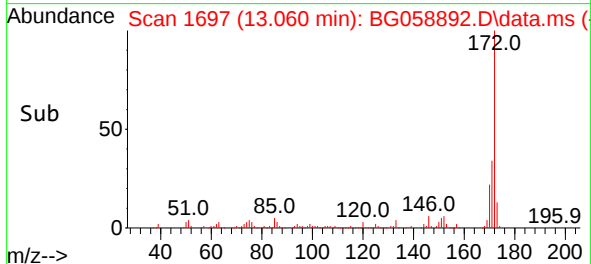
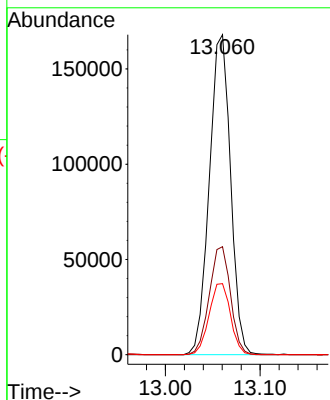
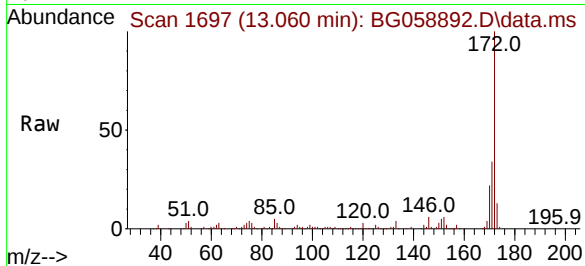




#45  
2-Fluorobiphenyl  
Concen: 62.424 ng  
RT: 13.060 min Scan# 1  
Delta R.T. 0.001 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

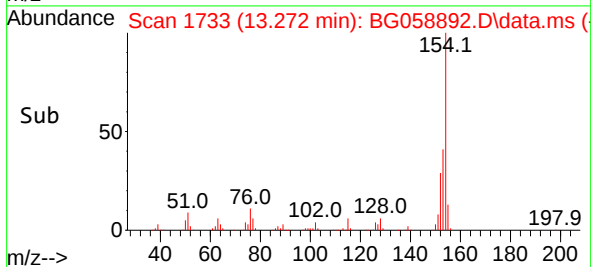
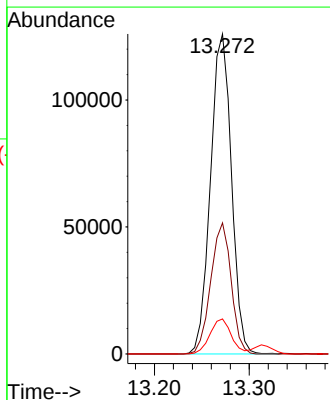
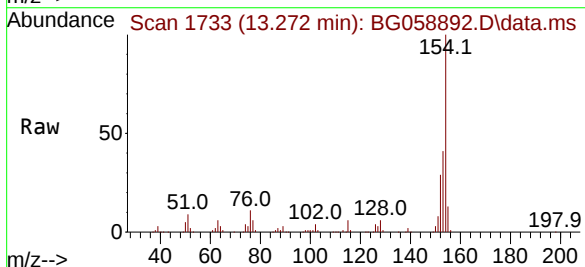
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-208MSD

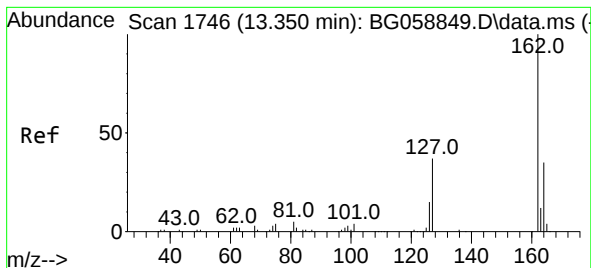
Tgt Ion:172 Resp: 260878  
Ion Ratio Lower Upper  
172 100  
171 33.8 28.1 42.1  
170 22.2 18.6 27.8



#46  
1,1'-Biphenyl  
Concen: 46.159 ng  
RT: 13.272 min Scan# 1733  
Delta R.T. 0.001 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

Tgt Ion:154 Resp: 193283  
Ion Ratio Lower Upper  
154 100  
153 41.0 21.7 61.7  
76 10.9 0.0 33.2

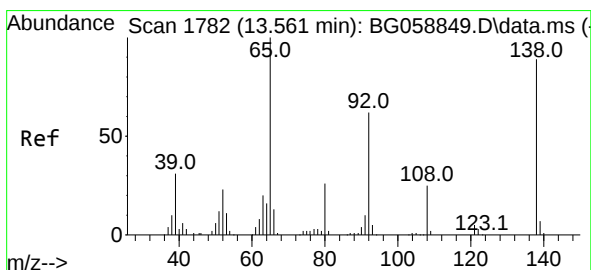
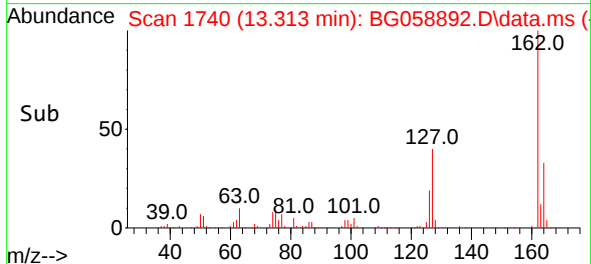
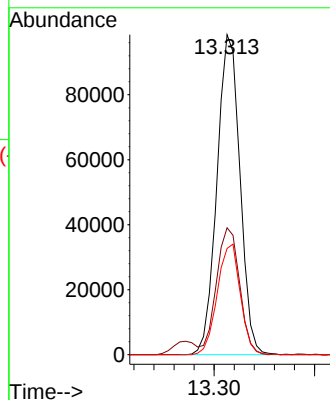
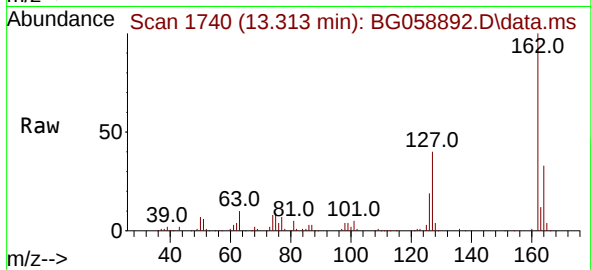




#47  
2-Chloronaphthalene  
Concen: 47.959 ng  
RT: 13.313 min Scan# 1776  
Delta R.T. -0.005 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

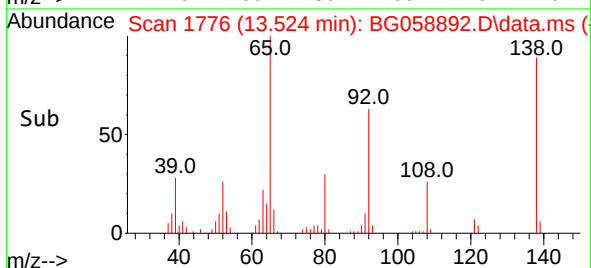
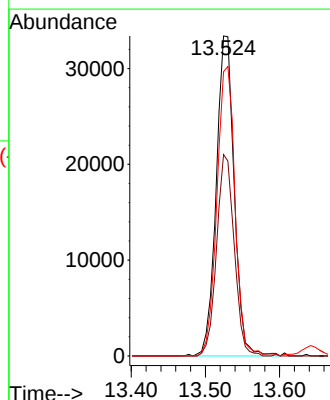
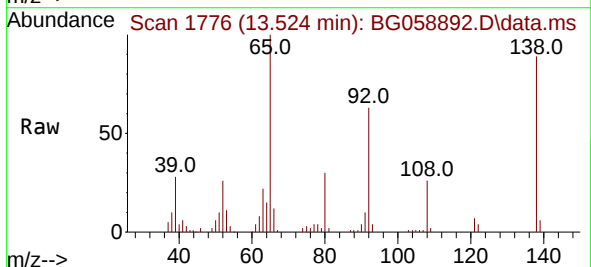
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-208MSD

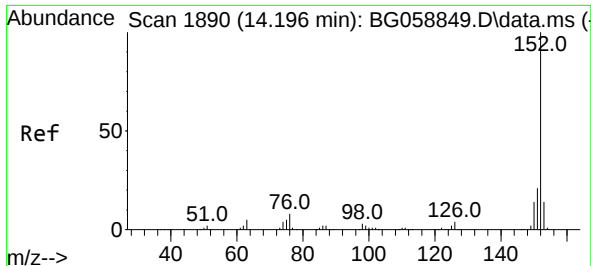
Tgt Ion:162 Resp: 156498  
Ion Ratio Lower Upper  
162 100  
127 39.7 31.5 47.3  
164 33.2 27.3 40.9



#48  
2-Nitroaniline  
Concen: 45.355 ng  
RT: 13.524 min Scan# 1776  
Delta R.T. -0.005 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

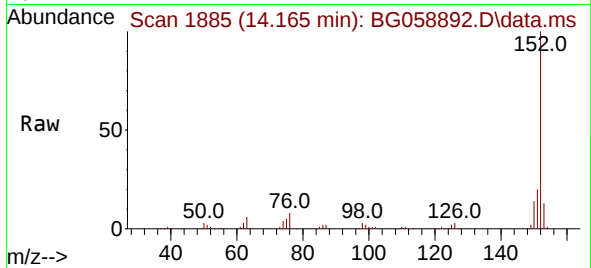
Tgt Ion: 65 Resp: 56210  
Ion Ratio Lower Upper  
65 100  
92 63.0 50.7 76.1  
138 88.8 70.7 106.1



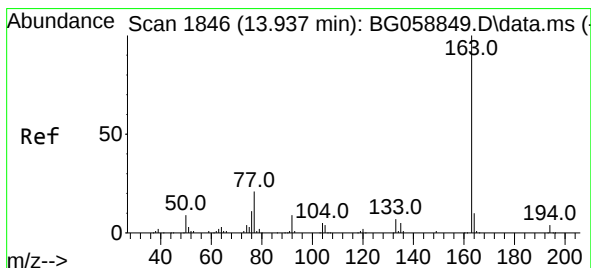
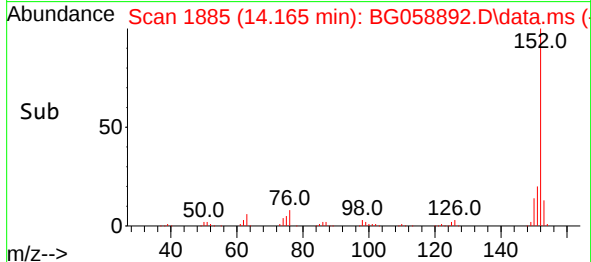
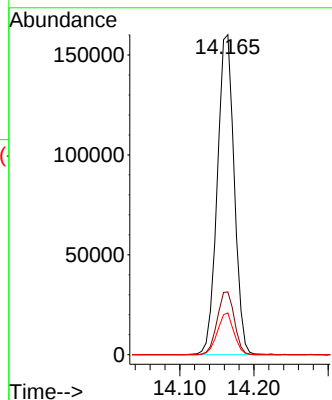


#49  
Acenaphthylene  
Concen: 46.871 ng  
RT: 14.165 min Scan# 1885  
Delta R.T. 0.001 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-208MSD

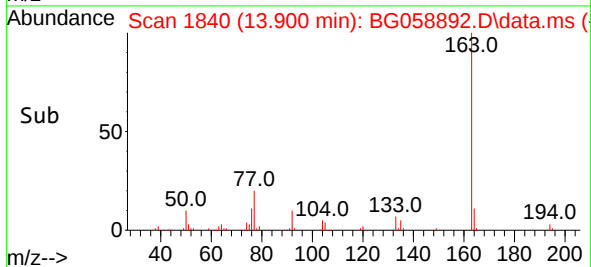
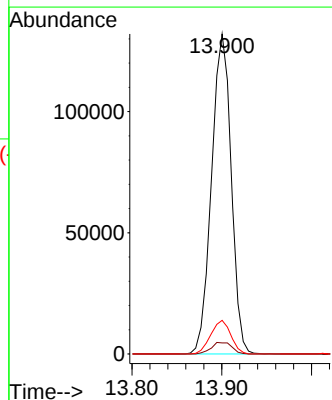
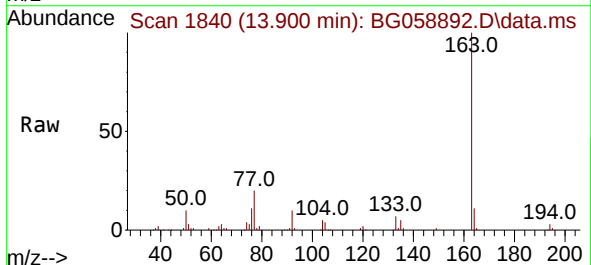


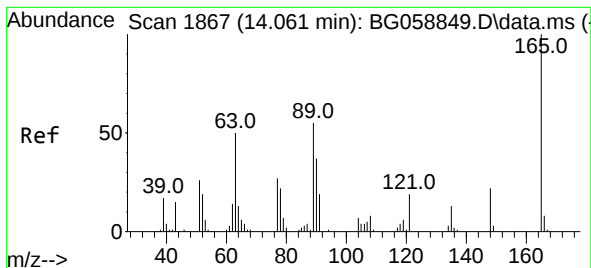
Tgt Ion:152 Resp: 253641  
Ion Ratio Lower Upper  
152 100  
151 19.6 16.9 25.3  
153 13.0 10.7 16.1



#50  
Dimethylphthalate  
Concen: 42.592 ng  
RT: 13.900 min Scan# 1840  
Delta R.T. -0.005 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

Tgt Ion:163 Resp: 200451  
Ion Ratio Lower Upper  
163 100  
194 3.4 2.7 4.1  
164 10.5 8.3 12.5

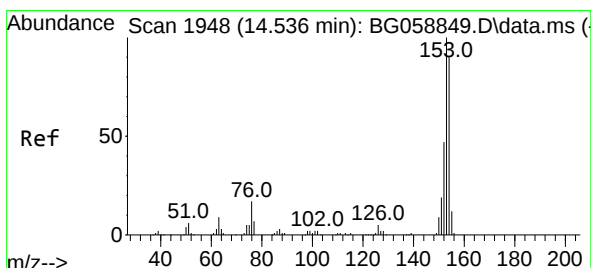
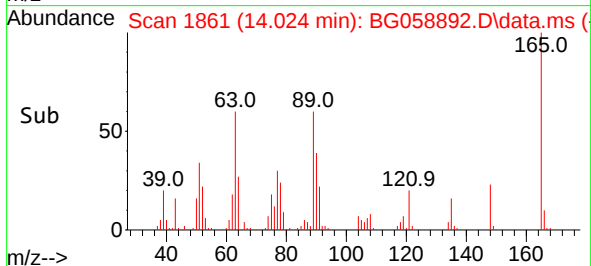
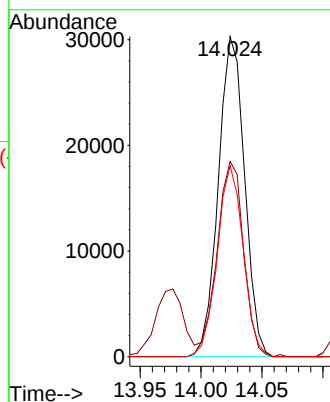
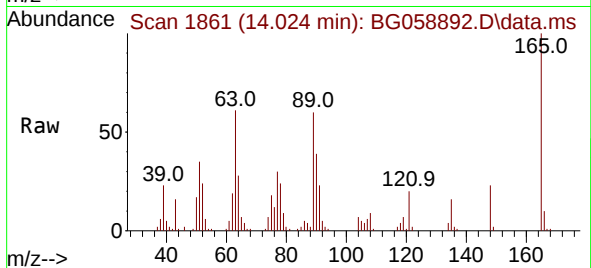




#51  
2,6-Dinitrotoluene  
Concen: 45.945 ng  
RT: 14.024 min Scan# 1861  
Delta R.T. -0.005 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

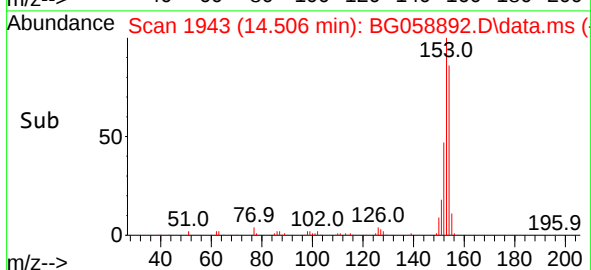
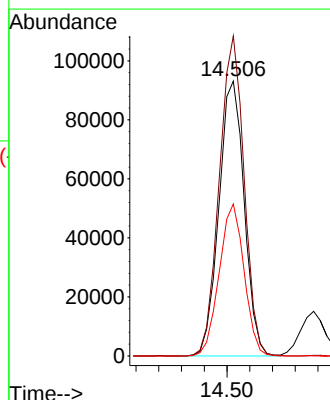
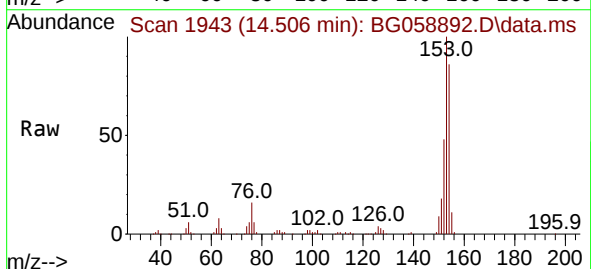
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-208MSD

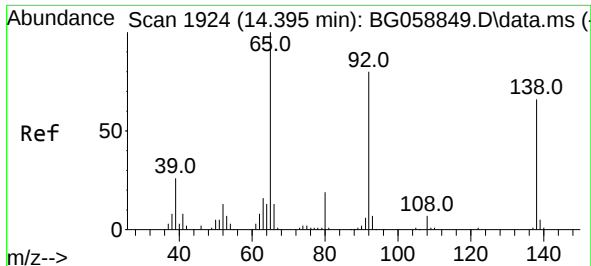
Tgt Ion:165 Resp: 45428  
Ion Ratio Lower Upper  
165 100  
63 61.0 47.2 70.8  
89 59.7 45.0 67.4



#52  
Acenaphthene  
Concen: 45.482 ng  
RT: 14.506 min Scan# 1943  
Delta R.T. 0.001 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

Tgt Ion:154 Resp: 143828  
Ion Ratio Lower Upper  
154 100  
153 116.4 92.7 139.1  
152 55.3 44.2 66.2

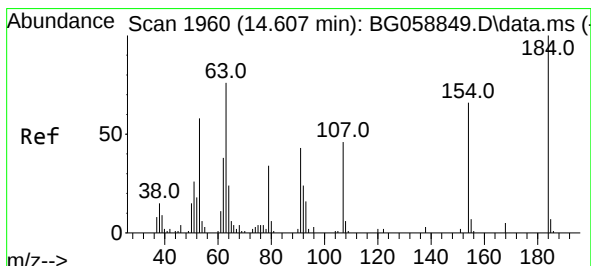
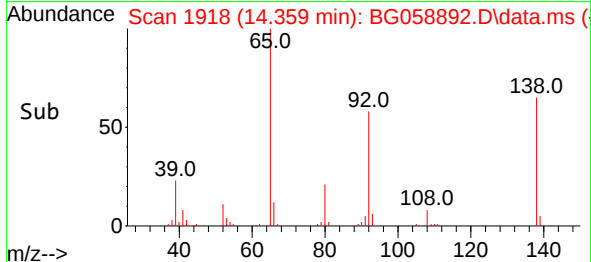
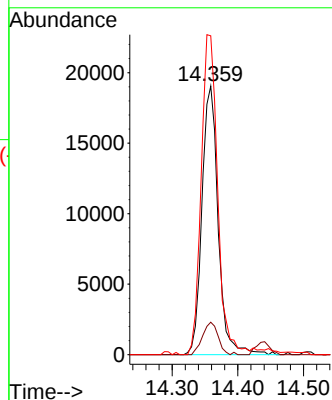
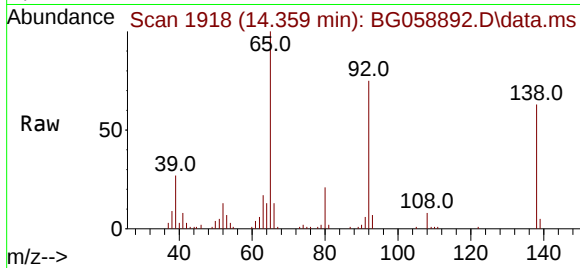




#53  
3-Nitroaniline  
Concen: 34.481 ng  
RT: 14.359 min Scan# 1918  
Delta R.T. 0.001 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

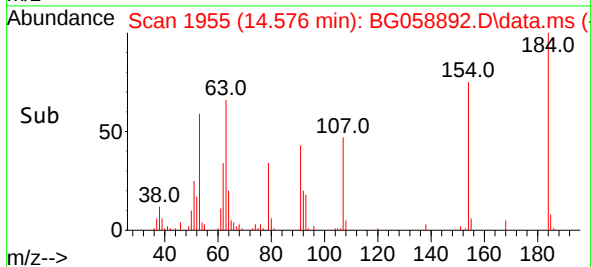
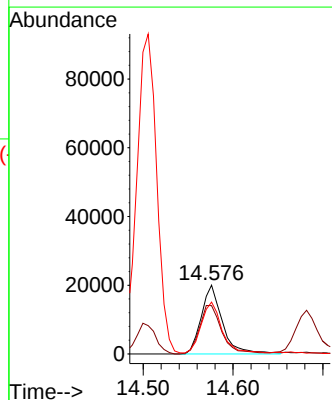
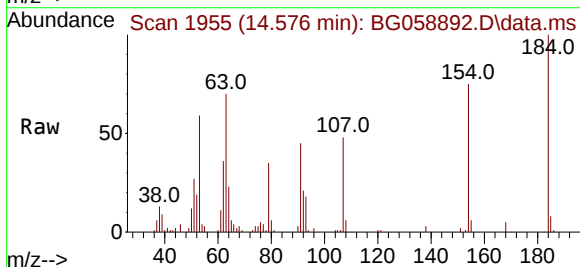
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-208MSD

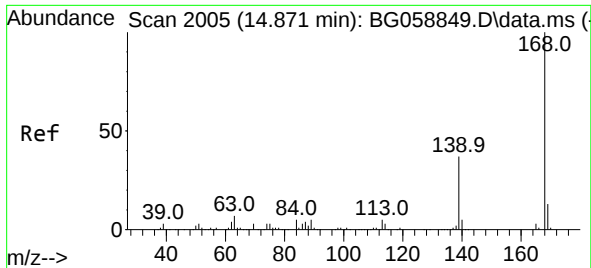
Tgt Ion:138 Resp: 32882  
Ion Ratio Lower Upper  
138 100  
108 12.1 11.8 17.8  
92 118.7 102.5 153.7



#54  
2,4-Dinitrophenol  
Concen: 60.833 ng  
RT: 14.576 min Scan# 1955  
Delta R.T. 0.001 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

Tgt Ion:184 Resp: 32620  
Ion Ratio Lower Upper  
184 100  
63 70.1 57.7 86.5  
154 75.3 51.8 77.6

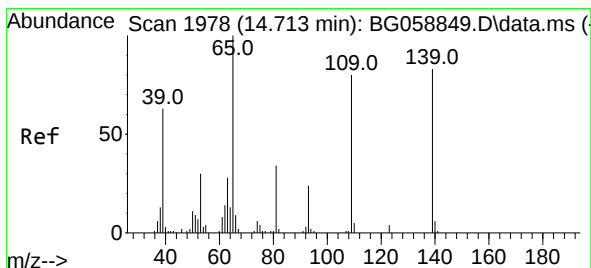
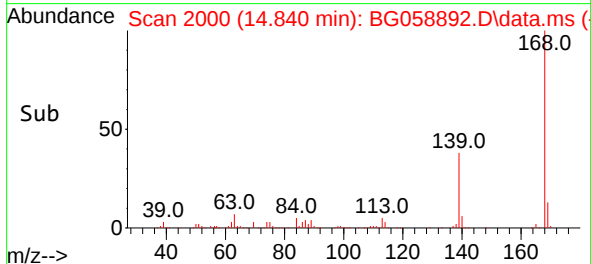
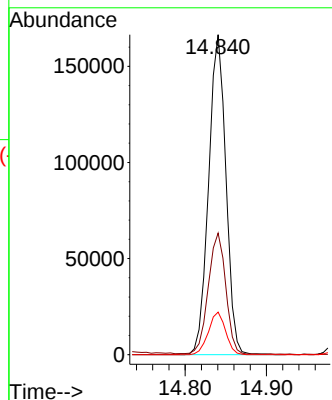
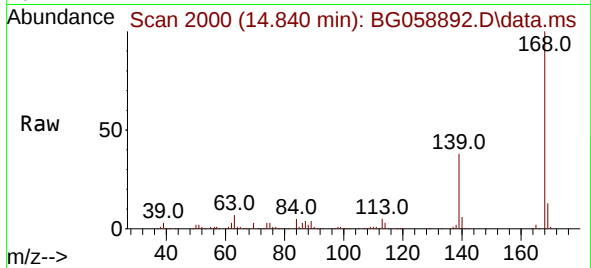




#55  
Dibenzofuran  
Concen: 45.021 ng  
RT: 14.840 min Scan# 20  
Delta R.T. 0.001 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

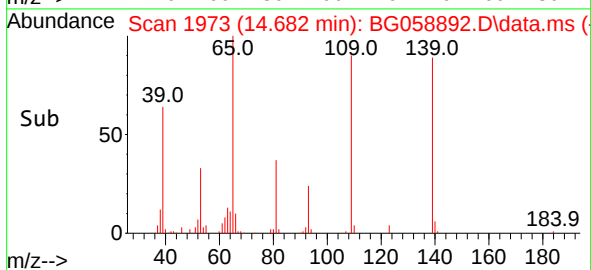
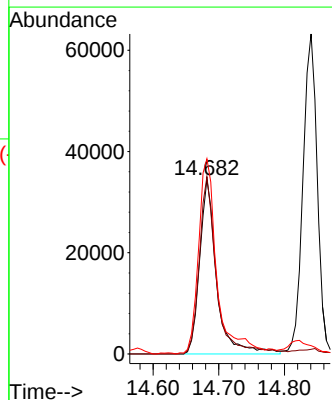
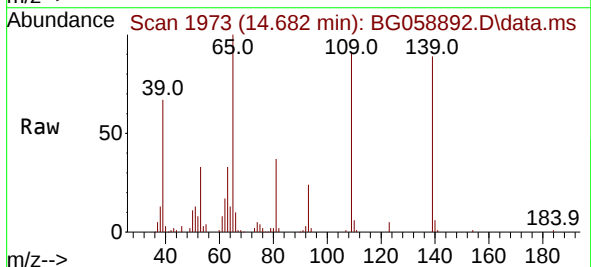
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-208MSD

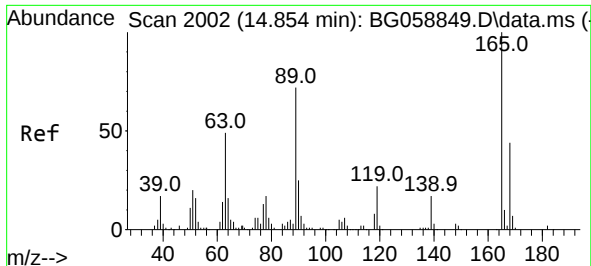
Tgt Ion:168 Resp: 245588  
Ion Ratio Lower Upper  
168 100  
139 38.0 30.4 45.6  
169 13.3 10.7 16.1



#56  
4-Nitrophenol  
Concen: 89.533 ng  
RT: 14.682 min Scan# 1973  
Delta R.T. 0.001 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

Tgt Ion:139 Resp: 62156  
Ion Ratio Lower Upper  
139 100  
109 101.6 71.9 111.9  
65 111.9 100.7 140.7

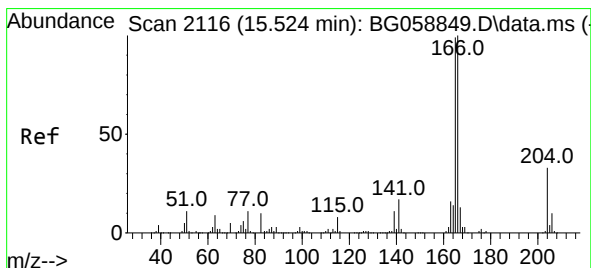
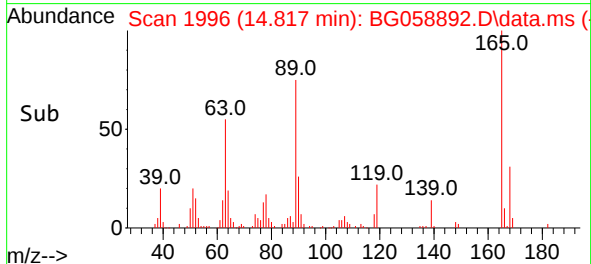
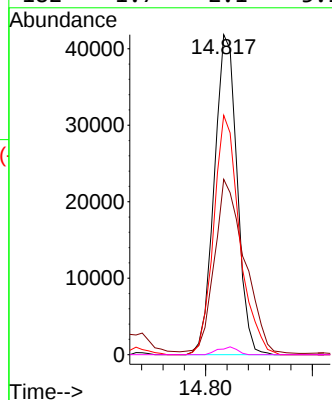
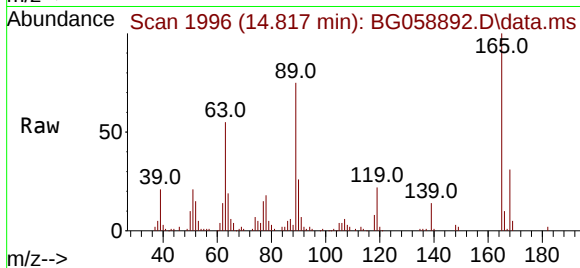




#57  
2,4-Dinitrotoluene  
Concen: 44.990 ng  
RT: 14.817 min Scan# 1996  
Delta R.T. -0.005 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

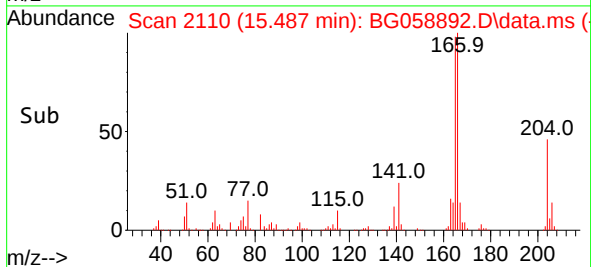
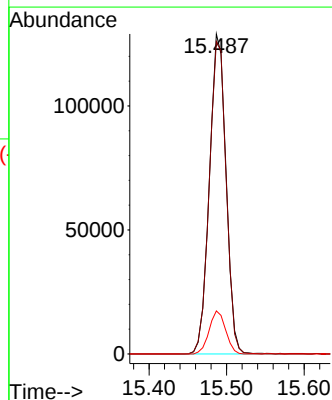
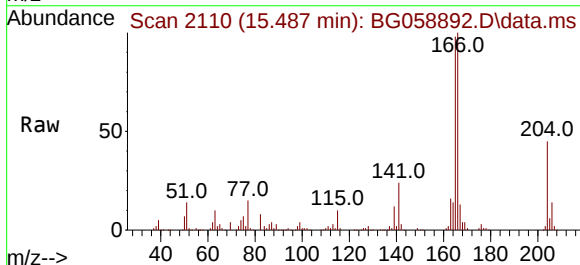
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-208MSD

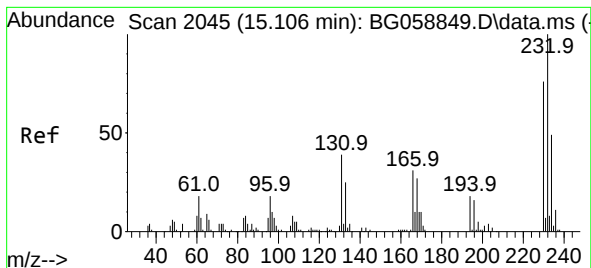
Tgt Ion:165 Resp: 62045  
Ion Ratio Lower Upper  
165 100  
63 54.8 41.8 62.6  
89 74.8 60.7 91.1  
182 1.7 2.1 3.1#



#58  
Fluorene  
Concen: 44.216 ng  
RT: 15.487 min Scan# 2110  
Delta R.T. -0.005 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

Tgt Ion:166 Resp: 191950  
Ion Ratio Lower Upper  
166 100  
165 97.7 79.9 119.9  
167 13.5 10.7 16.1

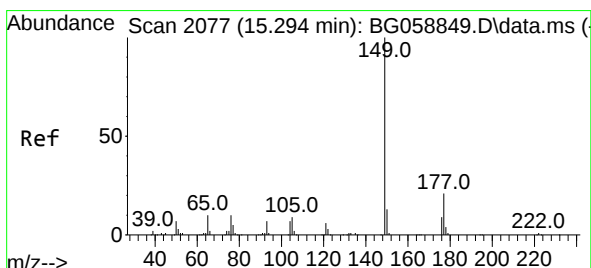
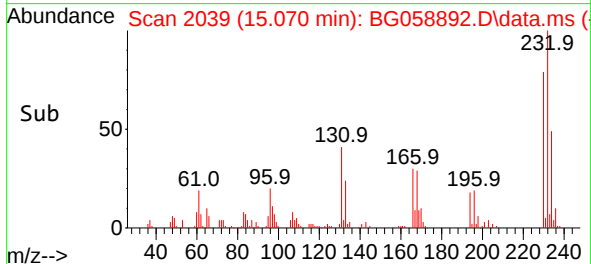
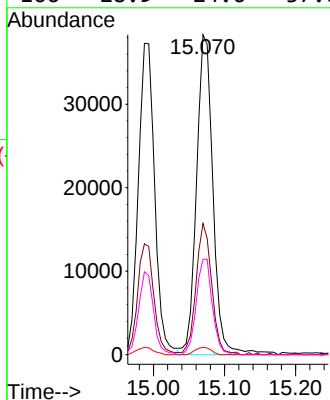
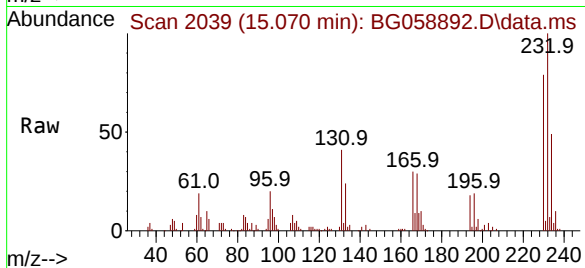




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 53.227 ng  
RT: 15.070 min Scan# 2045  
Delta R.T. 0.001 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

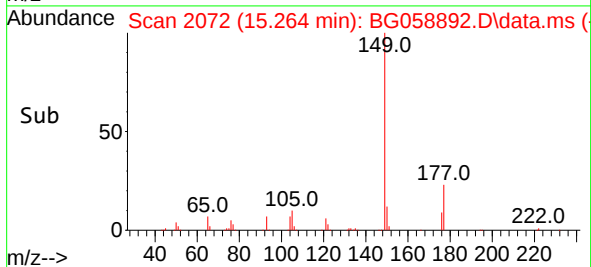
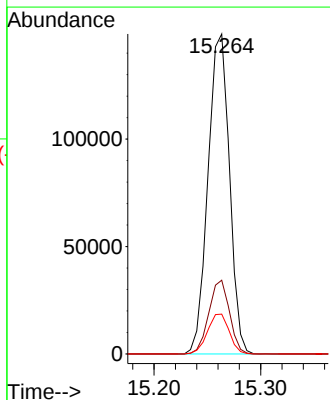
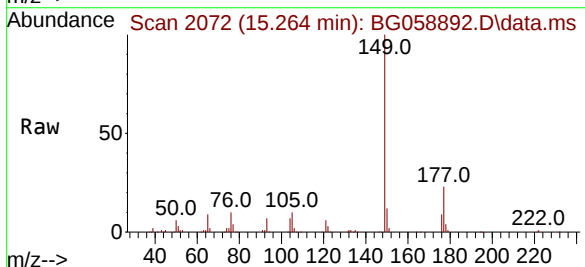
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-208MSD

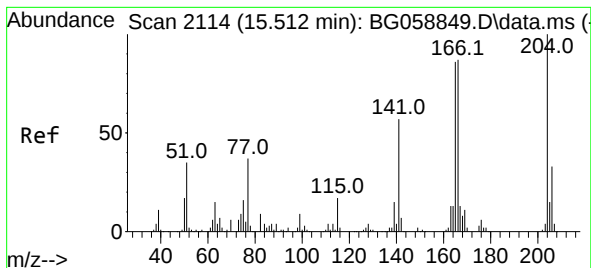
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:232 | Resp: | 62018     |
| Ion Ratio   | Lower | Upper     |
| 232         | 100   |           |
| 131         | 38.9  | 33.9 50.9 |
| 130         | 2.2   | 1.8 2.6   |
| 166         | 28.9  | 24.6 37.0 |



#60  
Diethylphthalate  
Concen: 42.849 ng  
RT: 15.264 min Scan# 2072  
Delta R.T. 0.001 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 207922    |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 177         | 23.0  | 18.2 27.2 |
| 150         | 12.5  | 10.0 15.0 |

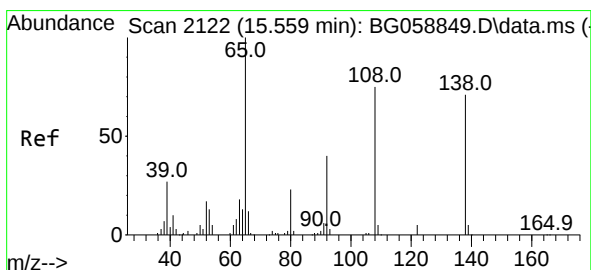
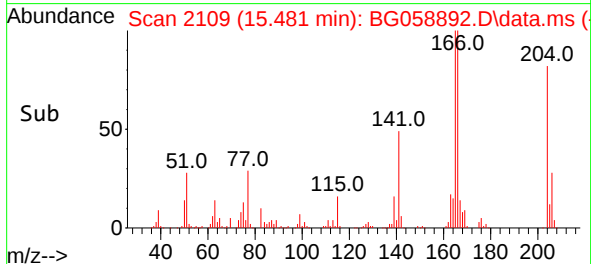
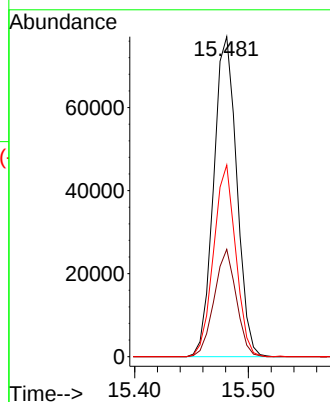
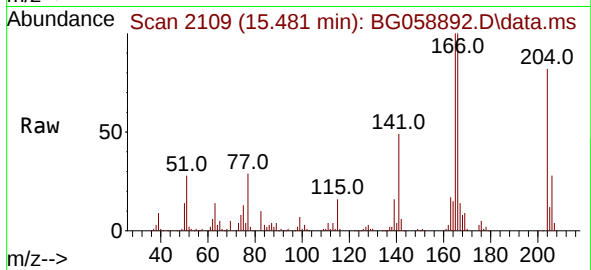




#61  
4-Chlorophenyl-phenylether  
Concen: 45.186 ng  
RT: 15.481 min Scan# 2110  
Delta R.T. 0.001 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

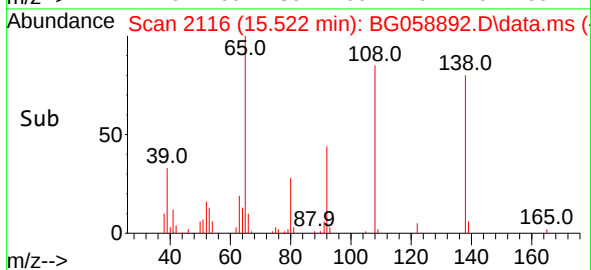
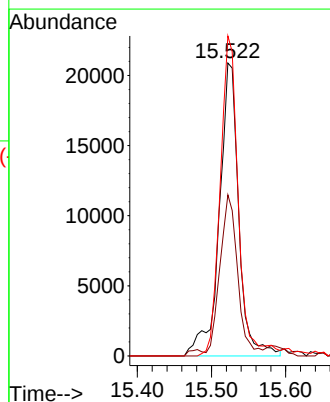
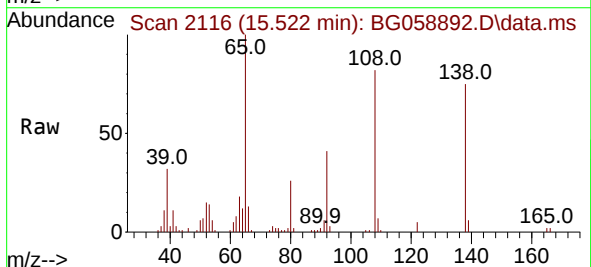
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-208MSD

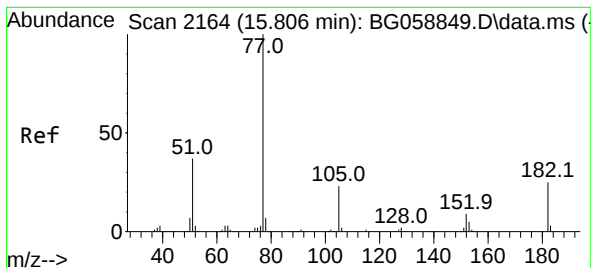
Tgt Ion:204 Resp: 108728  
Ion Ratio Lower Upper  
204 100  
206 33.5 25.6 38.4  
141 59.9 42.3 63.5



#62  
4-Nitroaniline  
Concen: 39.364 ng  
RT: 15.522 min Scan# 2116  
Delta R.T. -0.005 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

Tgt Ion:138 Resp: 38095  
Ion Ratio Lower Upper  
138 100  
92 55.0 36.4 76.4  
108 109.2 72.2 112.2





#63

Azobenzene

Concen: 41.513 ng

RT: 15.775 min Scan# 2164

Delta R.T. 0.001 min

Lab File: BG058892.D

Acq: 29 Aug 2023 18:07

Instrument :

BNA\_G

ClientSampleId :

VNJ-208MSD

Tgt Ion: 77 Resp: 184965

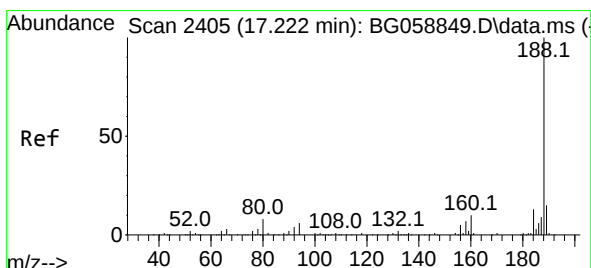
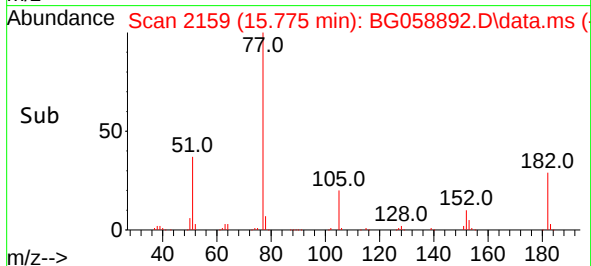
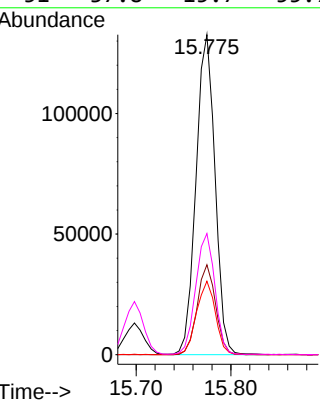
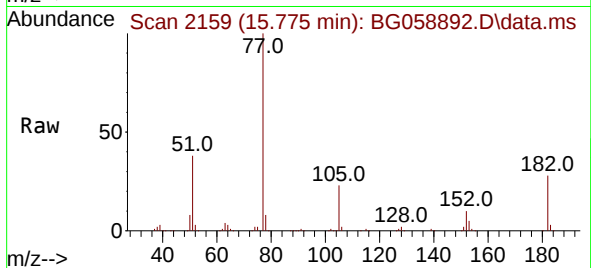
Ion Ratio Lower Upper

77 100

182 28.1 4.9 44.9

105 22.9 2.8 42.8

51 37.8 15.7 55.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.185 min Scan# 2399

Delta R.T. 0.001 min

Lab File: BG058892.D

Acq: 29 Aug 2023 18:07

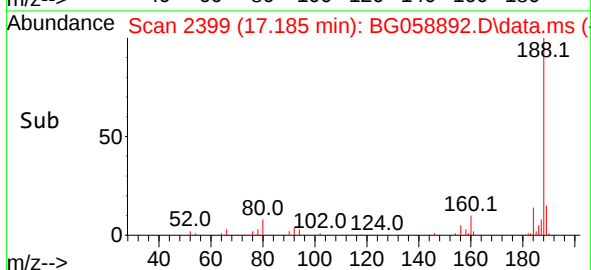
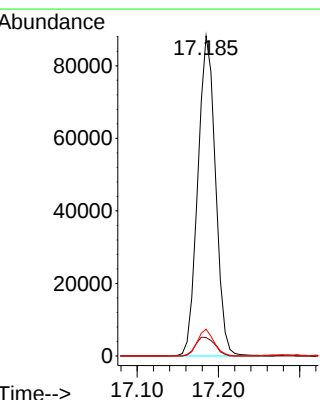
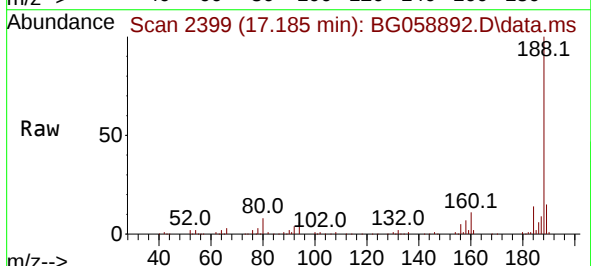
Tgt Ion:188 Resp: 133318

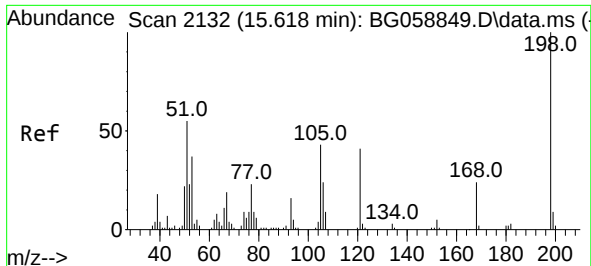
Ion Ratio Lower Upper

188 100

94 5.8 6.1 9.1#

80 8.3 6.9 10.3

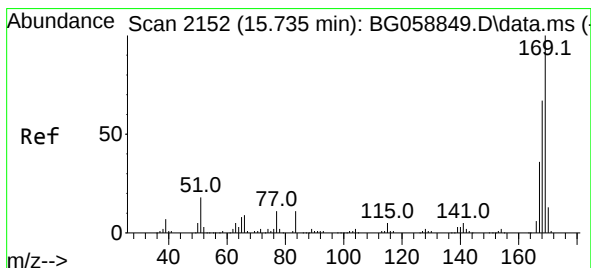
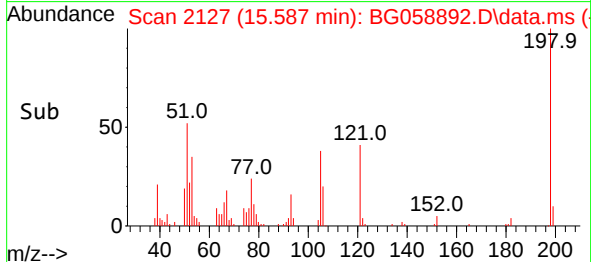
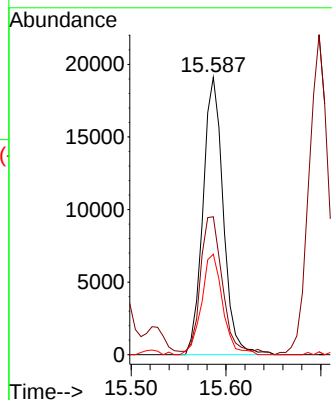
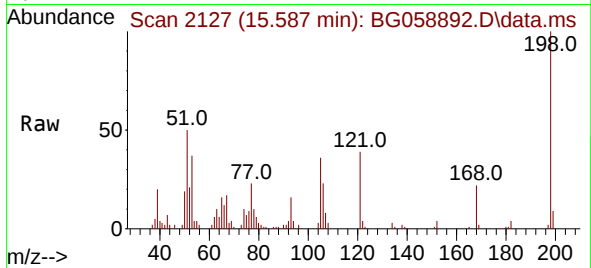




#65  
4,6-Dinitro-2-methylphenol  
Concen: 37.609 ng  
RT: 15.587 min Scan# 2132  
Delta R.T. 0.001 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

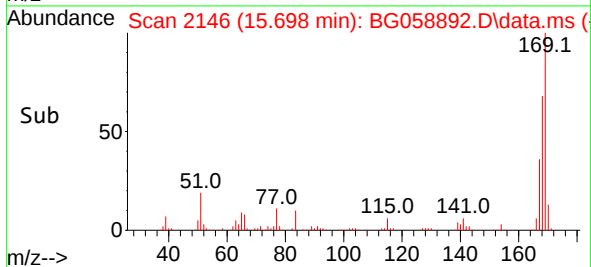
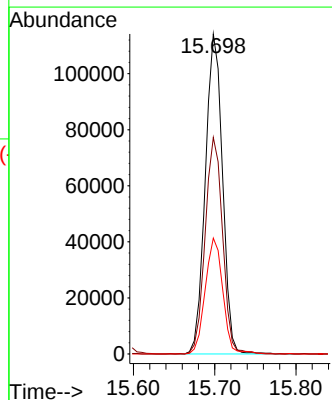
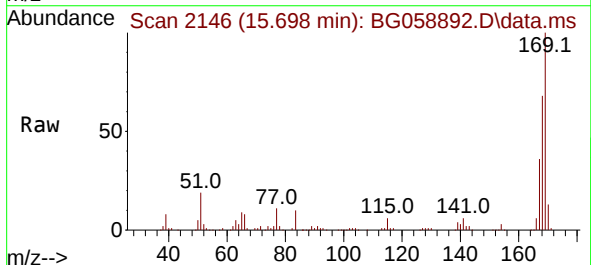
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-208MSD

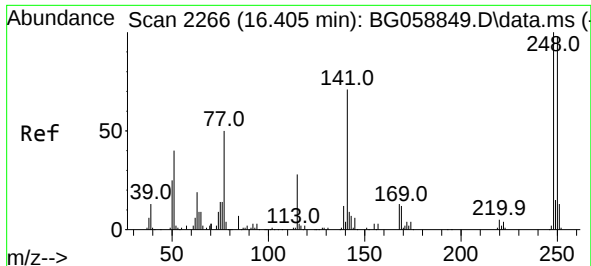
Tgt Ion:198 Resp: 28341  
Ion Ratio Lower Upper  
198 100  
51 49.7 31.3 71.3  
105 36.2 20.7 60.7



#66  
n-Nitrosodiphenylamine  
Concen: 48.704 ng  
RT: 15.698 min Scan# 2146  
Delta R.T. -0.005 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

Tgt Ion:169 Resp: 167352  
Ion Ratio Lower Upper  
169 100  
168 67.6 54.4 81.6  
167 36.2 31.4 47.0





#67

4-Bromophenyl-phenylether

Concen: 49.136 ng

RT: 16.374 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG058892.D

Acq: 29 Aug 2023 18:07

Instrument :

BNA\_G

ClientSampleId :

VNJ-208MSD

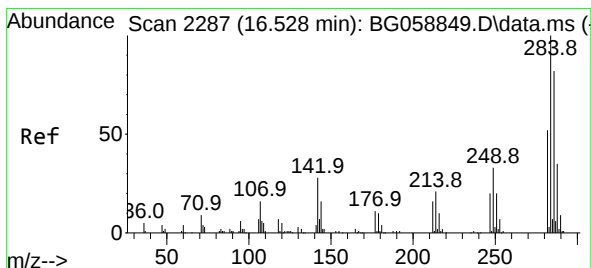
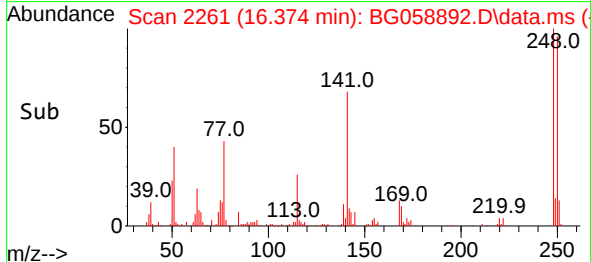
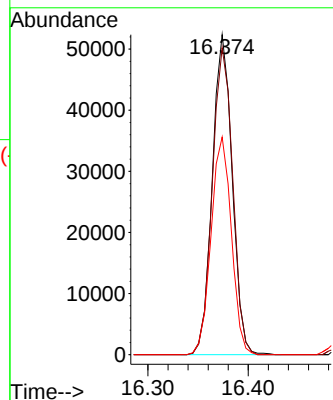
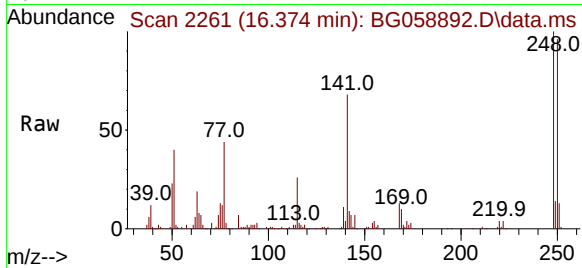
Tgt Ion:248 Resp: 71884

Ion Ratio Lower Upper

248 100

250 95.9 77.7 116.5

141 68.0 53.6 80.4



#68

Hexachlorobenzene

Concen: 52.223 ng

RT: 16.491 min Scan# 2281

Delta R.T. 0.001 min

Lab File: BG058892.D

Acq: 29 Aug 2023 18:07

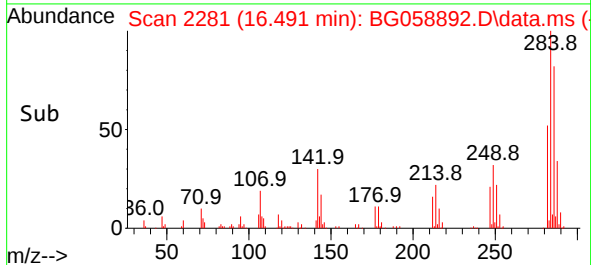
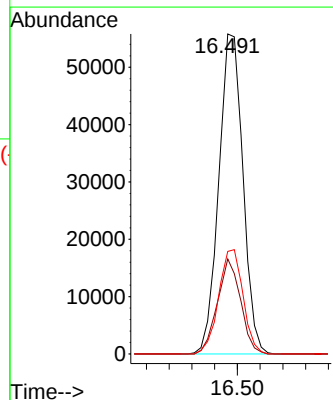
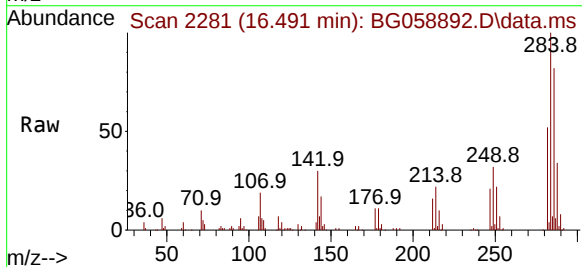
Tgt Ion:284 Resp: 82227

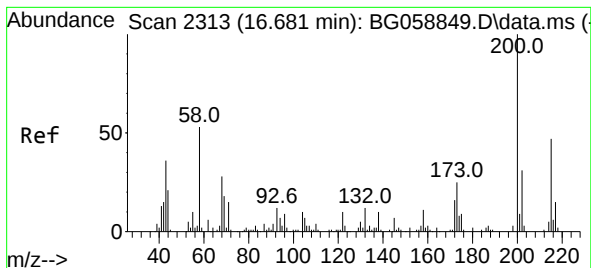
Ion Ratio Lower Upper

284 100

142 29.7 22.0 33.0

249 32.0 27.2 40.8





#69

Atrazine

Concen: 56.118 ng

RT: 16.650 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG058892.D

Acq: 29 Aug 2023 18:07

Instrument :

BNA\_G

ClientSampleId :

VNJ-208MSD

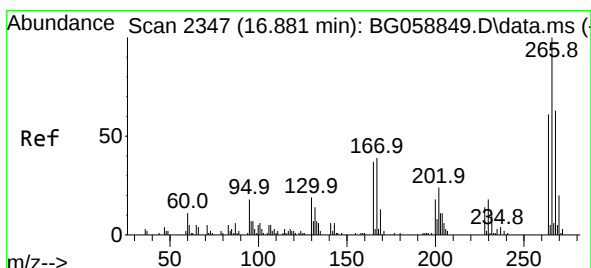
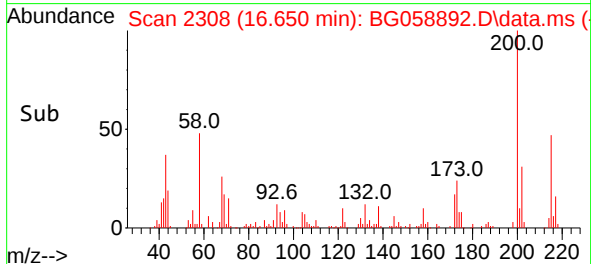
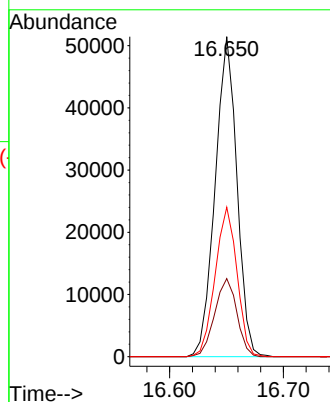
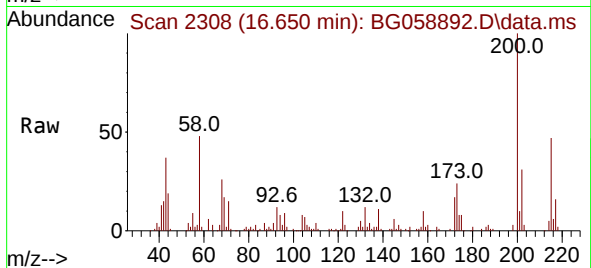
Tgt Ion:200 Resp: 68242

Ion Ratio Lower Upper

200 100

173 24.4 5.3 45.3

215 46.7 29.4 69.4



#70

Pentachlorophenol

Concen: 99.085 ng

RT: 16.844 min Scan# 2341

Delta R.T. 0.001 min

Lab File: BG058892.D

Acq: 29 Aug 2023 18:07

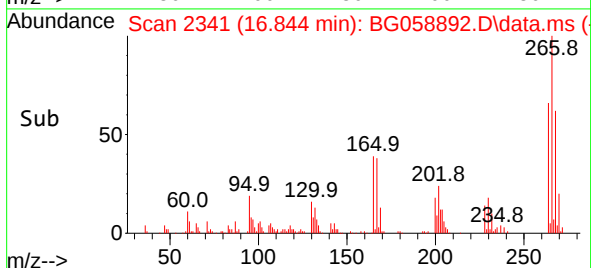
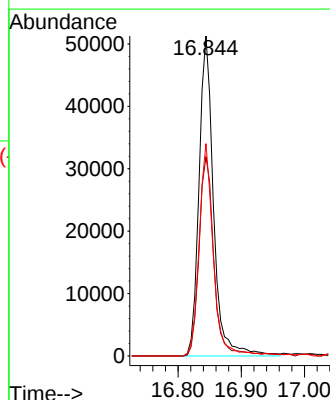
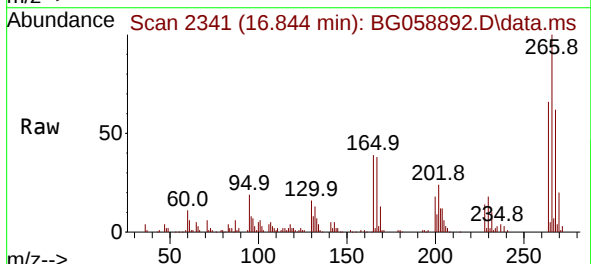
Tgt Ion:266 Resp: 81808

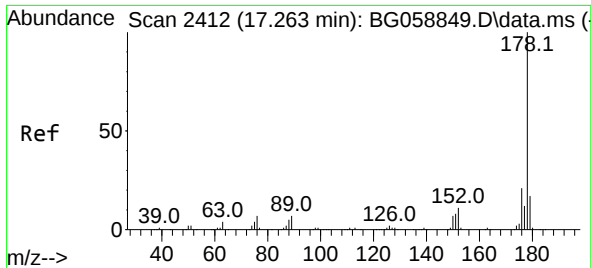
Ion Ratio Lower Upper

266 100

268 62.2 52.7 79.1

264 66.3 49.5 74.3

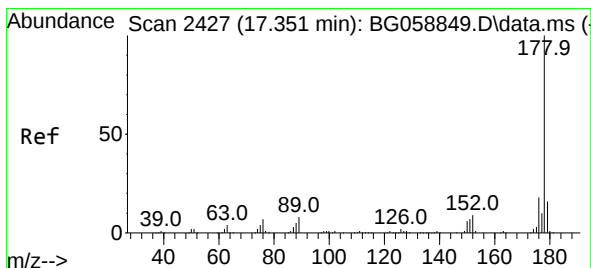
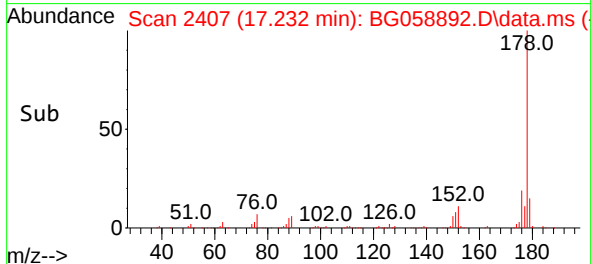
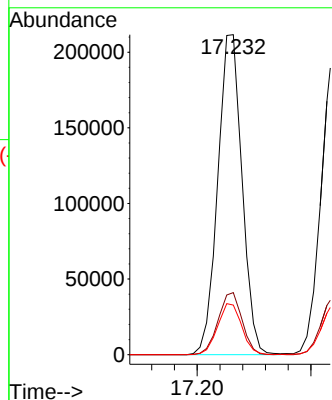
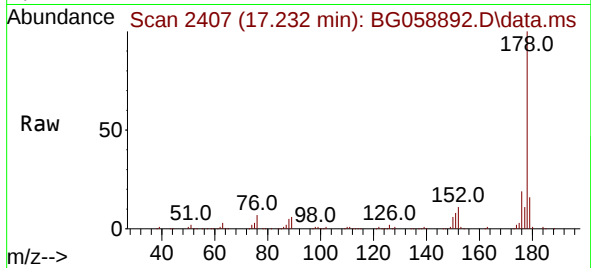




#71  
 Phenanthrene  
 Concen: 49.039 ng  
 RT: 17.232 min Scan# 2412  
 Delta R.T. 0.001 min  
 Lab File: BG058892.D  
 Acq: 29 Aug 2023 18:07

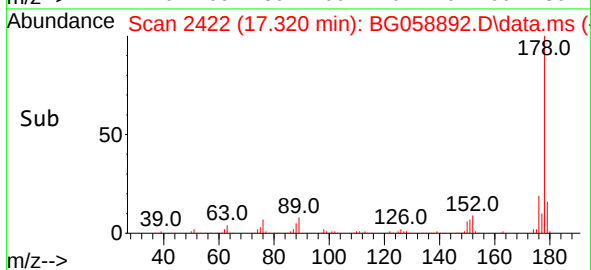
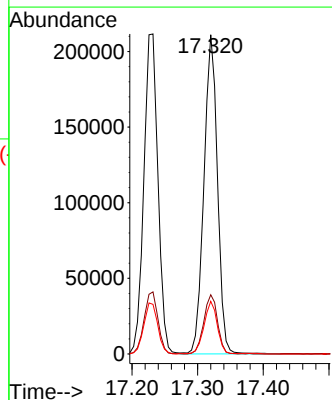
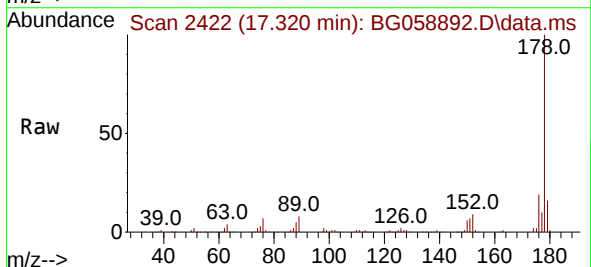
Instrument :  
 BNA\_G  
 ClientSampleId :  
 VNJ-208MSD

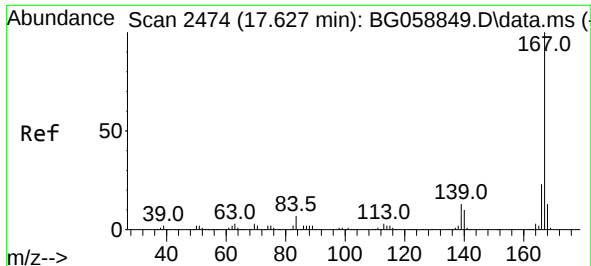
Tgt Ion:178 Resp: 313862  
 Ion Ratio Lower Upper  
 178 100  
 176 19.4 15.5 23.3  
 179 15.5 13.0 19.4



#72  
 Anthracene  
 Concen: 47.123 ng  
 RT: 17.320 min Scan# 2422  
 Delta R.T. 0.001 min  
 Lab File: BG058892.D  
 Acq: 29 Aug 2023 18:07

Tgt Ion:178 Resp: 302486  
 Ion Ratio Lower Upper  
 178 100  
 176 18.6 15.4 23.2  
 179 16.5 12.9 19.3

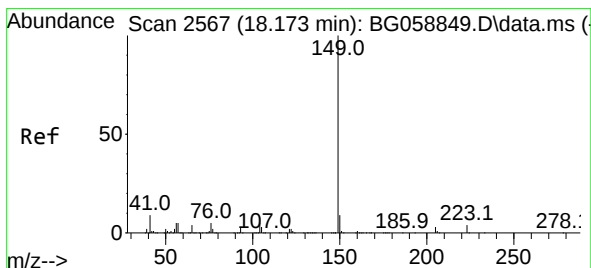
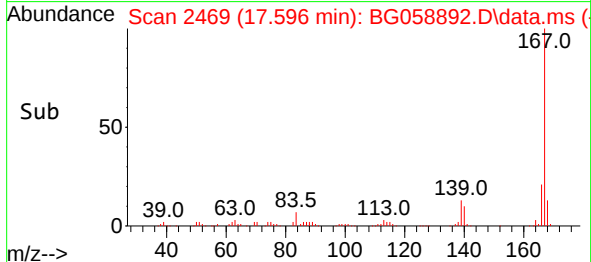
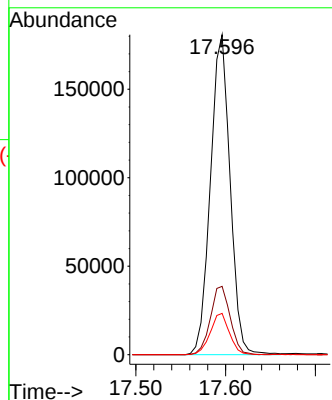
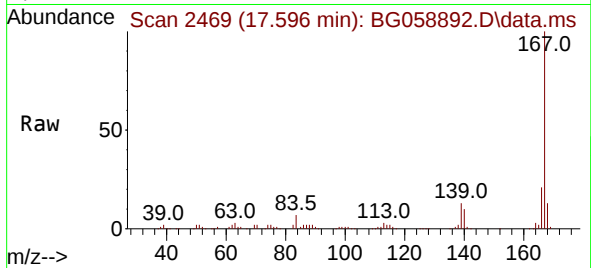




#73  
Carbazole  
Concen: 46.739 ng  
RT: 17.596 min Scan# 2474  
Delta R.T. 0.001 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

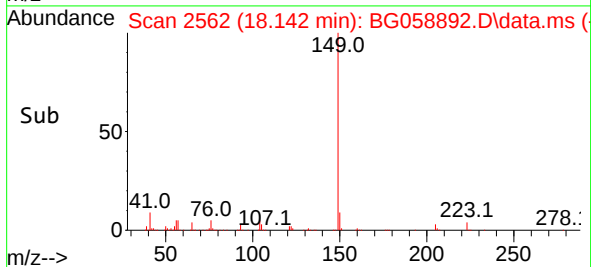
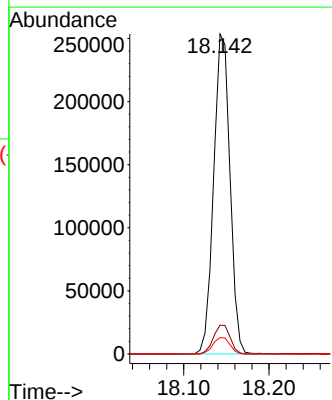
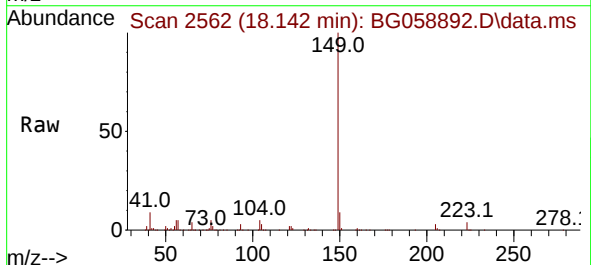
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-208MSD

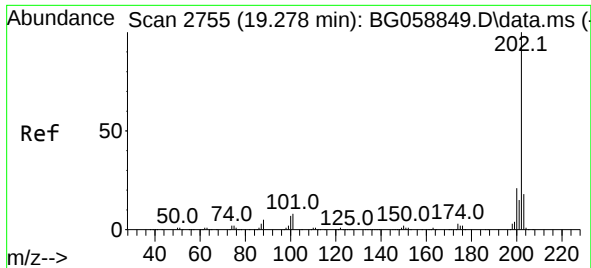
Tgt Ion:167 Resp: 274740  
Ion Ratio Lower Upper  
167 100  
166 21.4 17.4 26.2  
139 12.9 9.7 14.5



#74  
Di-n-butylphthalate  
Concen: 45.590 ng  
RT: 18.142 min Scan# 2562  
Delta R.T. 0.001 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

Tgt Ion:149 Resp: 338063  
Ion Ratio Lower Upper  
149 100  
150 9.0 7.3 10.9  
104 5.1 4.3 6.5

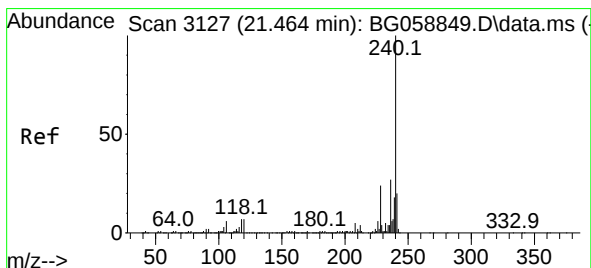
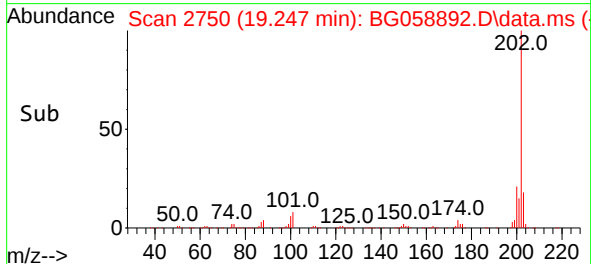
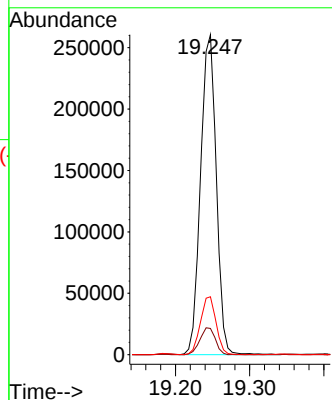
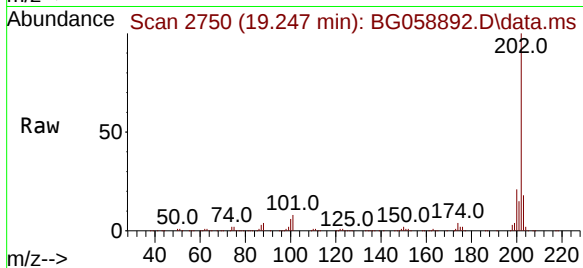




#75  
Fluoranthene  
Concen: 48.380 ng  
RT: 19.247 min Scan# 21  
Delta R.T. 0.007 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

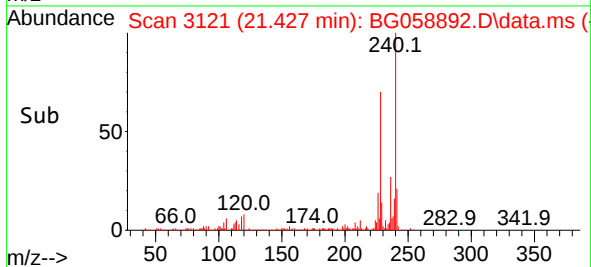
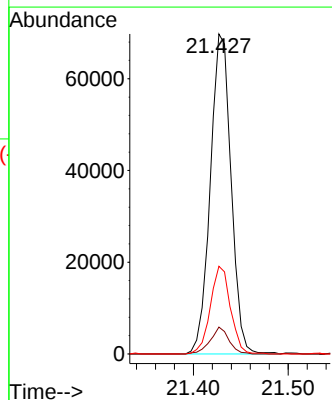
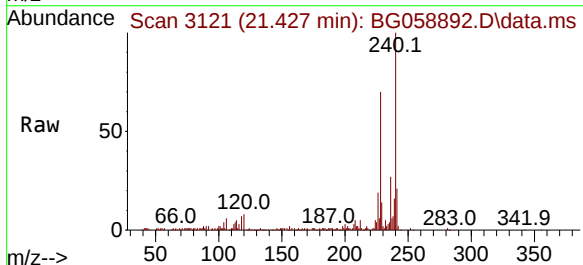
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-208MSD

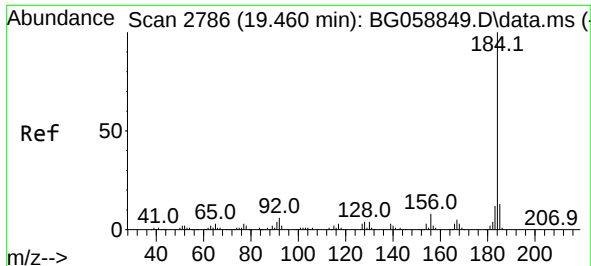
Tgt Ion:202 Resp: 383986  
Ion Ratio Lower Upper  
202 100  
101 8.2 0.0 29.7  
203 18.1 0.0 38.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.427 min Scan# 3121  
Delta R.T. 0.001 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

Tgt Ion:240 Resp: 106194  
Ion Ratio Lower Upper  
240 100  
120 8.4 6.2 9.2  
236 27.4 20.5 30.7

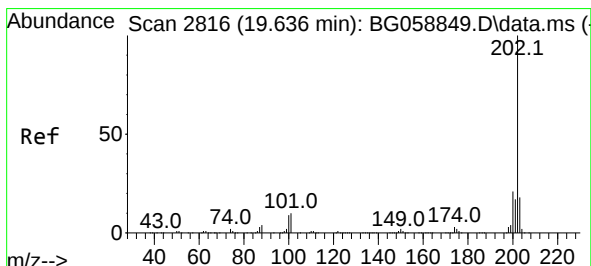
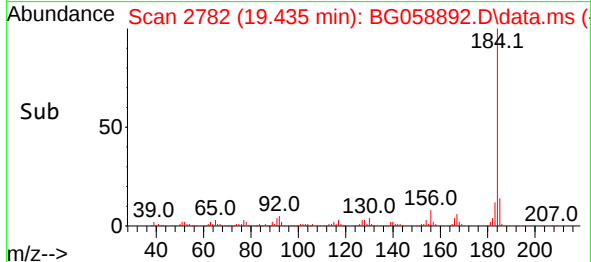
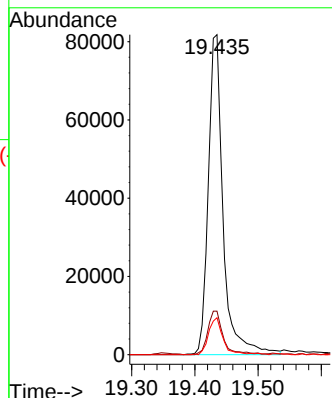
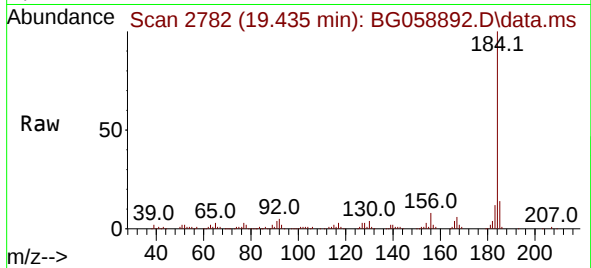




#77  
Benzidine  
Concen: 69.933 ng  
RT: 19.435 min Scan# 21  
Delta R.T. 0.007 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

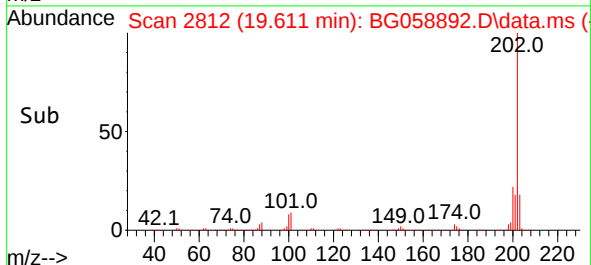
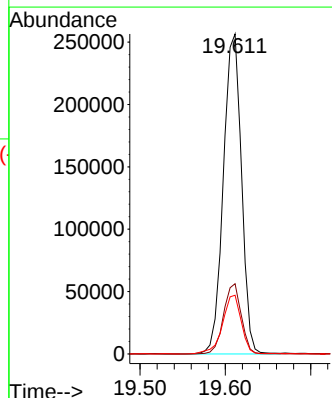
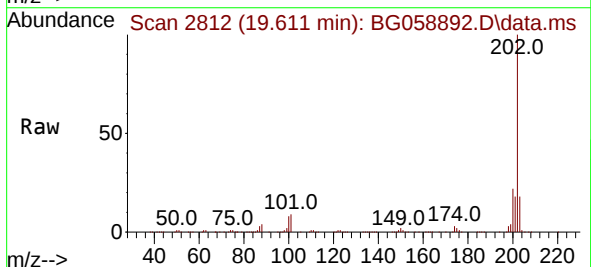
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-208MSD

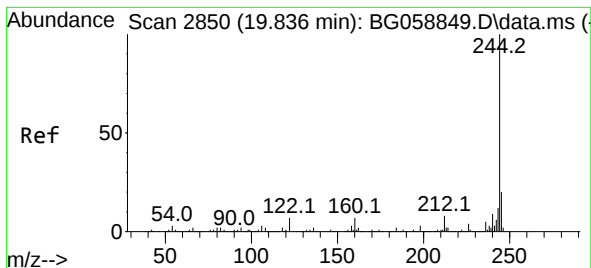
Tgt Ion:184 Resp: 133097  
Ion Ratio Lower Upper  
184 100  
185 13.6 11.9 17.9  
183 11.6 10.0 15.0



#78  
Pyrene  
Concen: 51.154 ng  
RT: 19.611 min Scan# 2812  
Delta R.T. 0.007 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

Tgt Ion:202 Resp: 378500  
Ion Ratio Lower Upper  
202 100  
200 22.0 16.7 25.1  
203 18.4 15.3 22.9





#79

Terphenyl-d14

Concen: 65.559 ng

RT: 19.805 min Scan# 2845

Delta R.T. 0.001 min

Lab File: BG058892.D

Acq: 29 Aug 2023 18:07

Instrument :

BNA\_G

ClientSampleId :

VNJ-208MSD

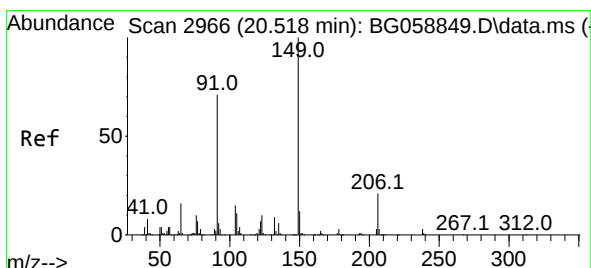
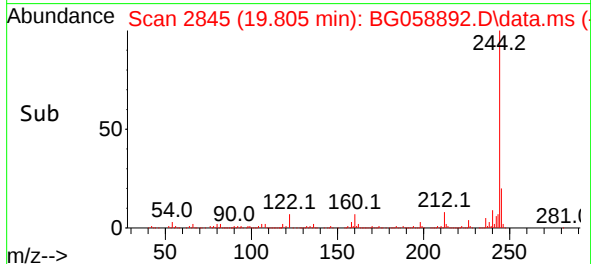
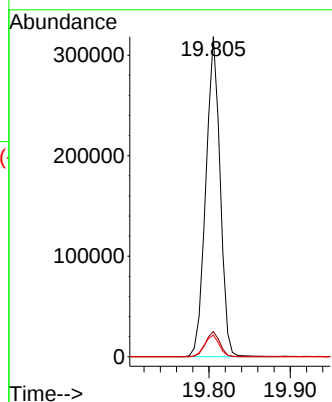
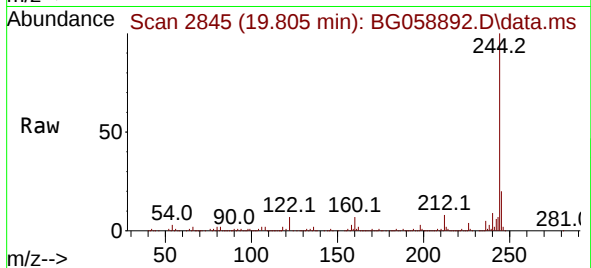
Tgt Ion:244 Resp: 387725

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

122 6.8 6.3 9.5



#80

Butylbenzylphthalate

Concen: 49.207 ng

RT: 20.493 min Scan# 2962

Delta R.T. 0.001 min

Lab File: BG058892.D

Acq: 29 Aug 2023 18:07

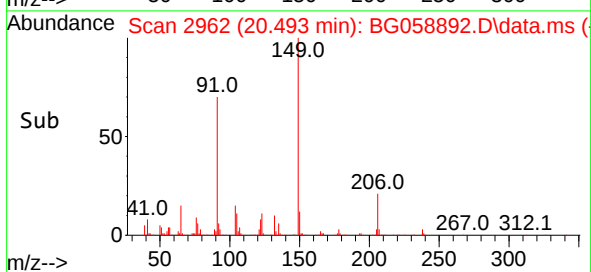
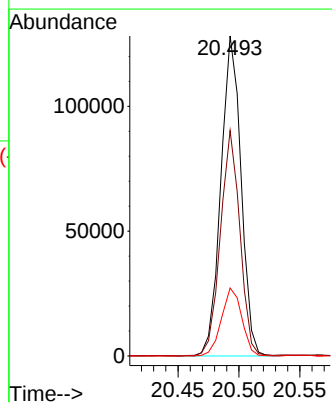
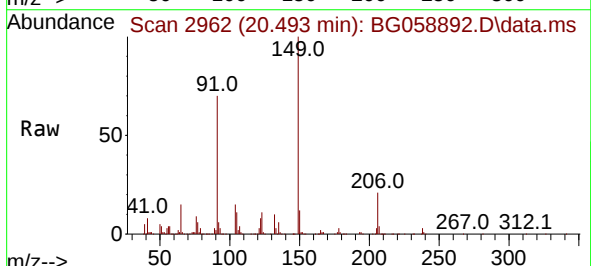
Tgt Ion:149 Resp: 147666

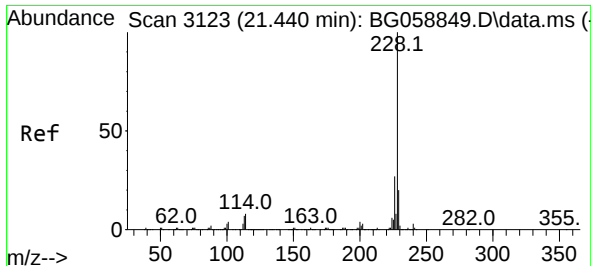
Ion Ratio Lower Upper

149 100

91 70.5 55.0 82.4

206 21.3 17.6 26.4

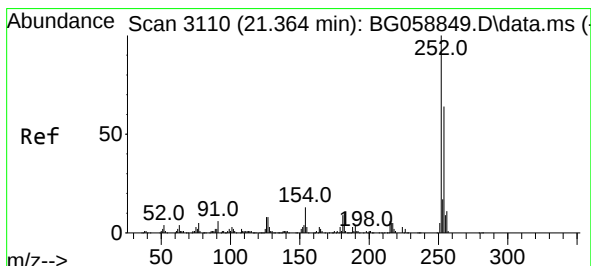
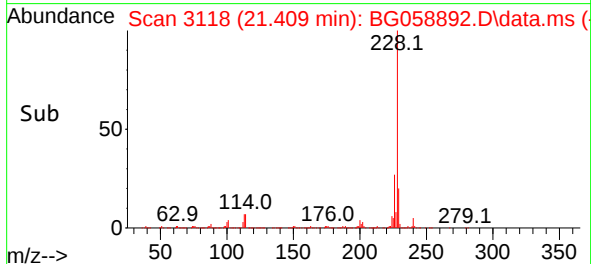
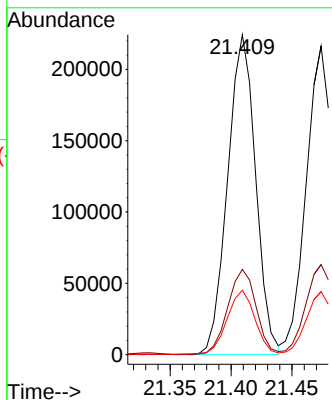
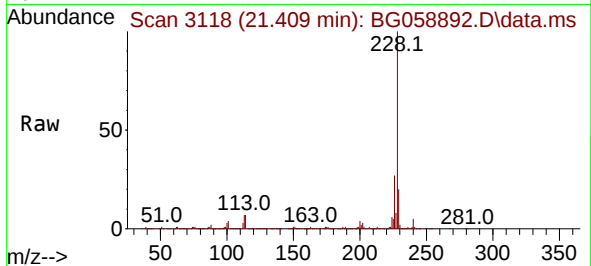




#81  
Benzo(a)anthracene  
Concen: 48.352 ng  
RT: 21.409 min Scan# 3118  
Delta R.T. 0.007 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

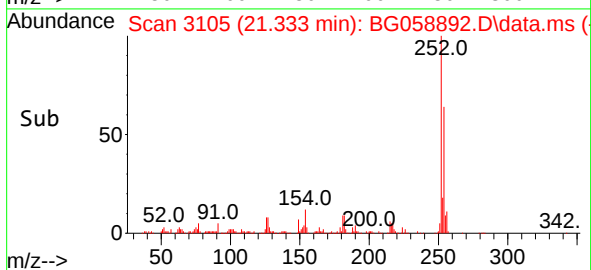
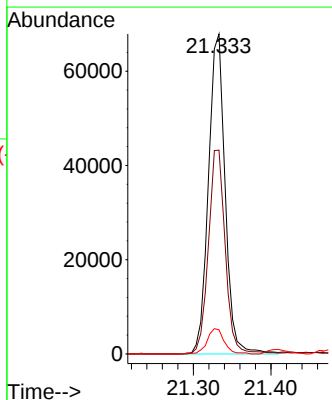
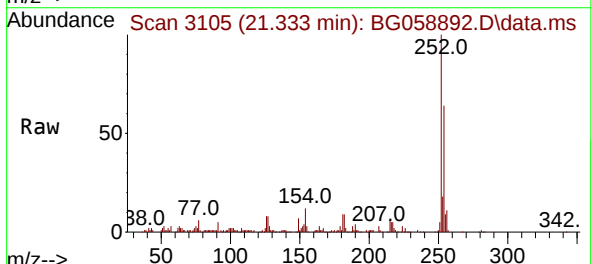
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-208MSD

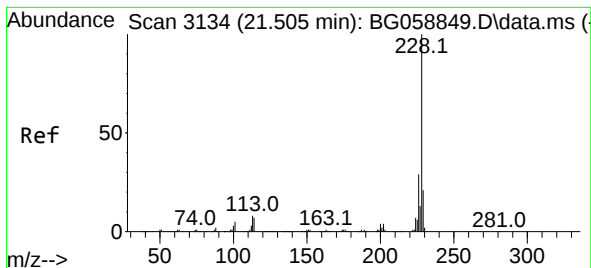
Tgt Ion:228 Resp: 357424  
Ion Ratio Lower Upper  
228 100  
226 26.7 22.6 33.8  
229 20.1 16.8 25.2



#82  
3,3'-Dichlorobenzidine  
Concen: 39.850 ng  
RT: 21.333 min Scan# 3105  
Delta R.T. 0.007 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

Tgt Ion:252 Resp: 101701  
Ion Ratio Lower Upper  
252 100  
254 63.7 51.8 77.6  
126 7.6 6.6 9.8





#83

Chrysene

Concen: 46.506 ng

RT: 21.474 min Scan# 31

Delta R.T. 0.007 min

Lab File: BG058892.D

Acq: 29 Aug 2023 18:07

Instrument :

BNA\_G

ClientSampleId :

VNJ-208MSD

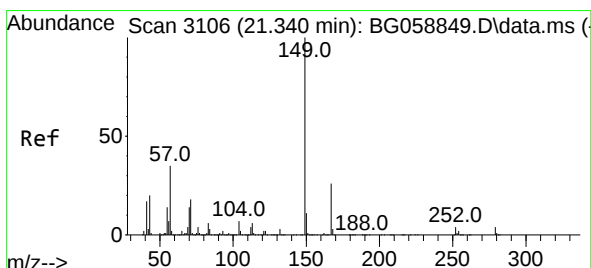
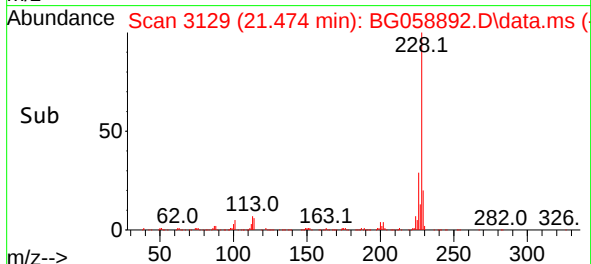
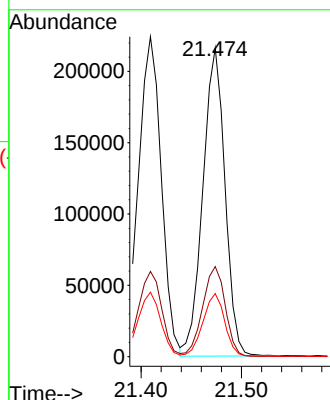
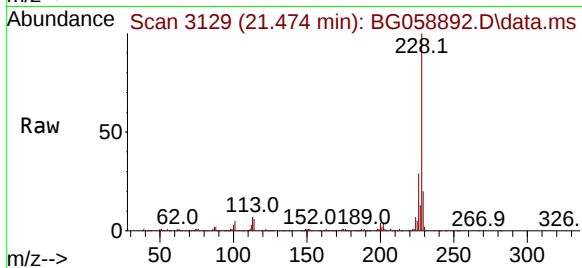
Tgt Ion:228 Resp: 331357

Ion Ratio Lower Upper

228 100

226 29.2 24.4 36.6

229 20.4 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.409 ng

RT: 21.309 min Scan# 3101

Delta R.T. 0.001 min

Lab File: BG058892.D

Acq: 29 Aug 2023 18:07

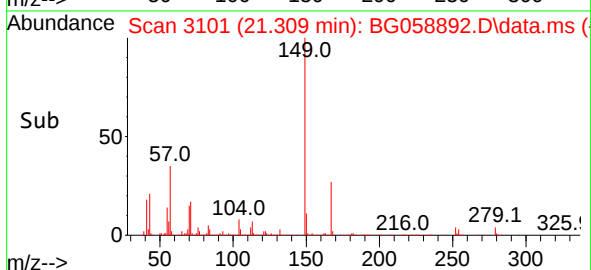
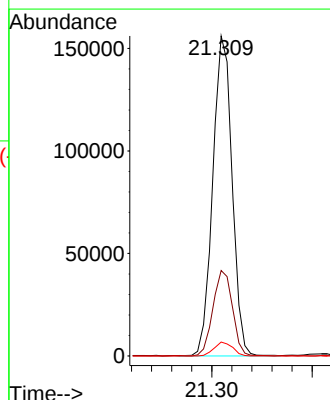
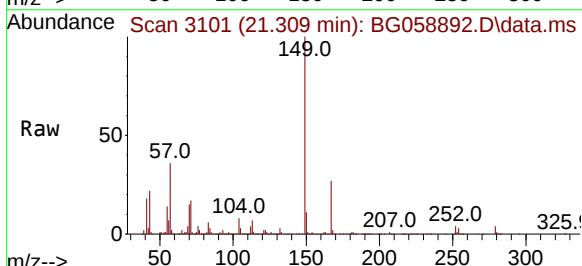
Tgt Ion:149 Resp: 208661

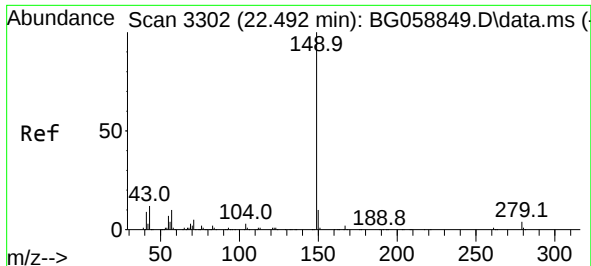
Ion Ratio Lower Upper

149 100

167 26.7 21.7 32.5

279 4.4 3.2 4.8

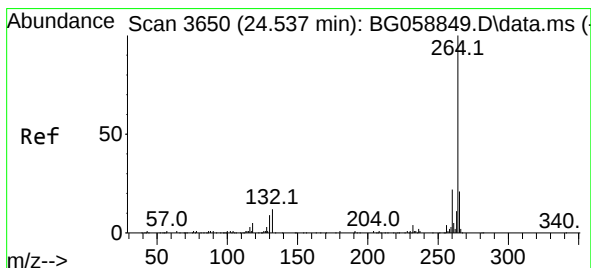
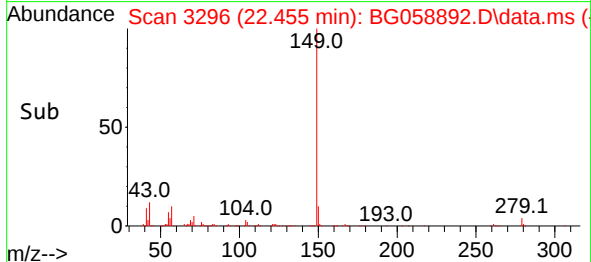
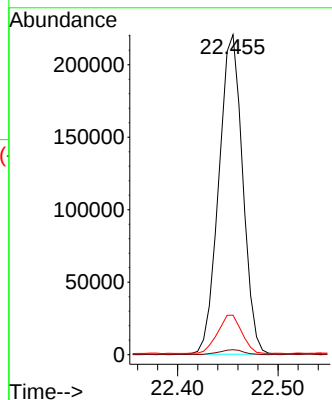
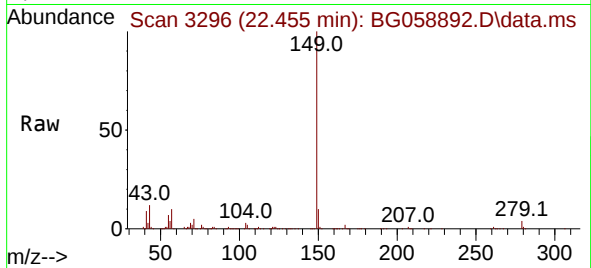




#85  
Di-n-octyl phthalate  
Concen: 47.953 ng  
RT: 22.455 min Scan# 31  
Delta R.T. 0.007 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

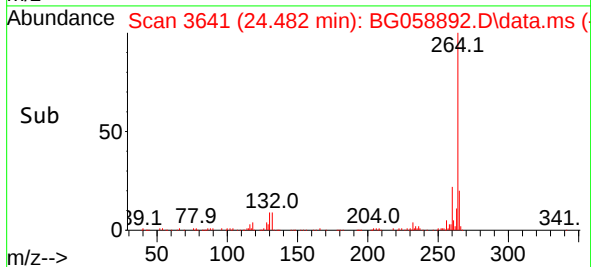
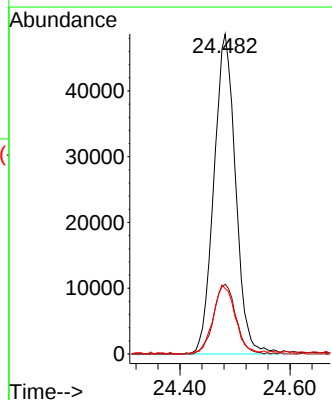
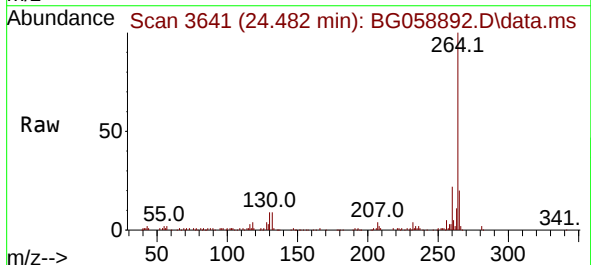
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-208MSD

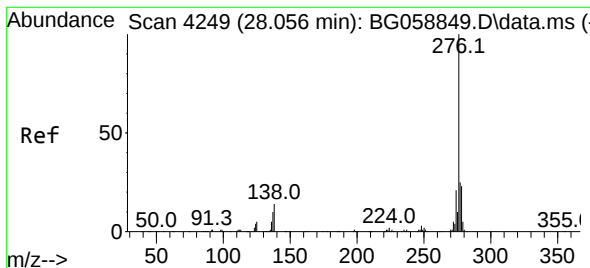
Tgt Ion:149 Resp: 363015  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 12.2 9.7 14.5



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.482 min Scan# 3641  
Delta R.T. 0.013 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

Tgt Ion:264 Resp: 132943  
Ion Ratio Lower Upper  
264 100  
260 21.7 18.2 27.2  
265 20.5 16.4 24.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.998 ng

RT: 27.978 min Scan# 41

Delta R.T. 0.025 min

Lab File: BG058892.D

Acq: 29 Aug 2023 18:07

Instrument :

BNA\_G

ClientSampleId :

VNJ-208MSD

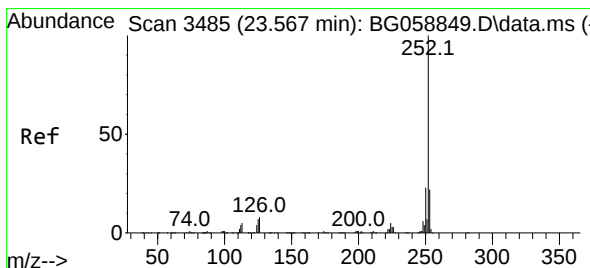
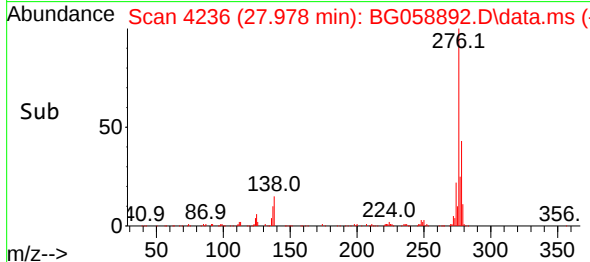
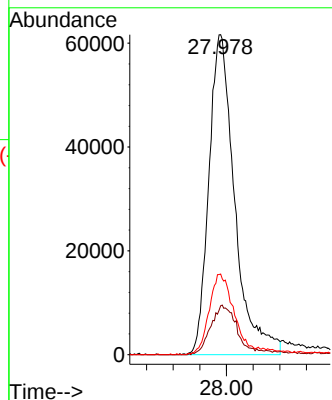
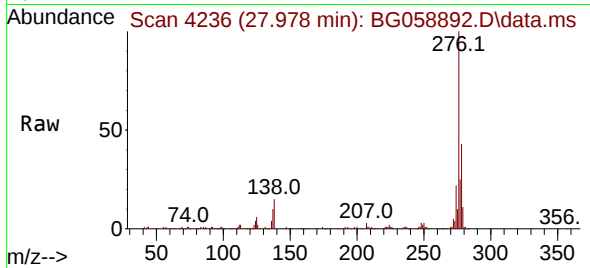
Tgt Ion:276 Resp: 413730

Ion Ratio Lower Upper

276 100

138 15.8 6.2 9.2#

277 24.1 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 50.595 ng

RT: 23.519 min Scan# 3477

Delta R.T. 0.013 min

Lab File: BG058892.D

Acq: 29 Aug 2023 18:07

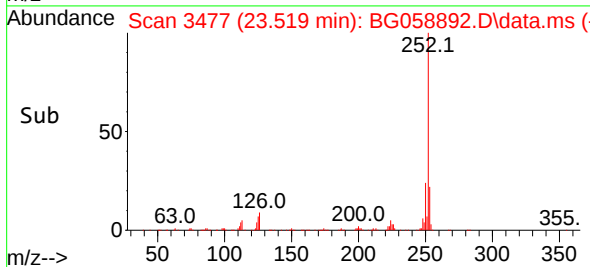
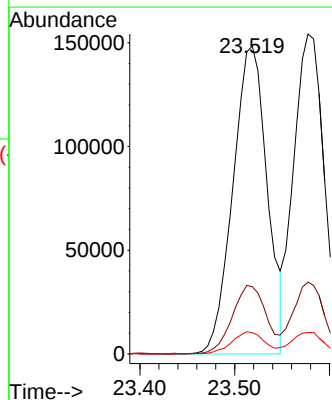
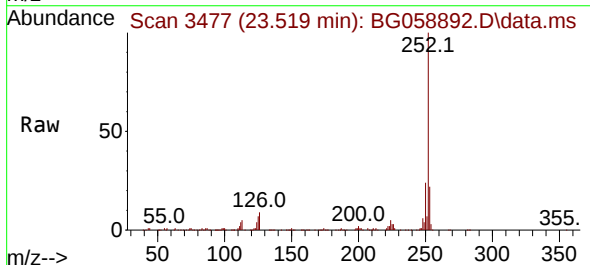
Tgt Ion:252 Resp: 373209

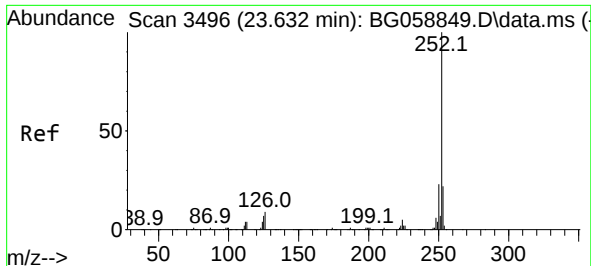
Ion Ratio Lower Upper

252 100

253 21.8 18.4 27.6

125 6.9 6.2 9.2

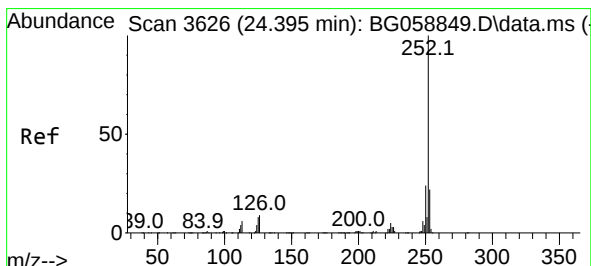
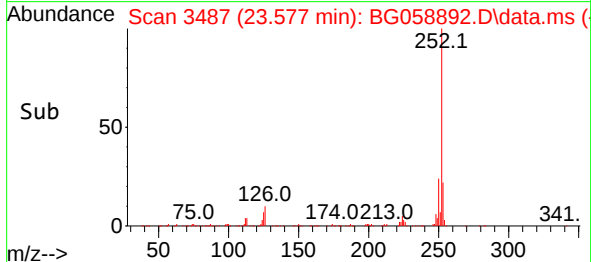
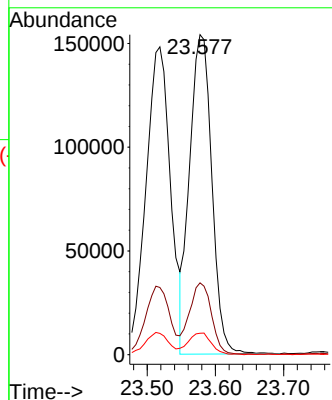
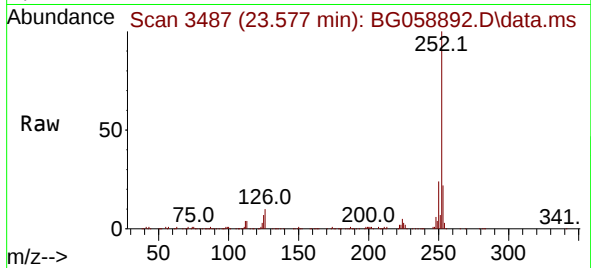




#89  
Benzo(k)fluoranthene  
Concen: 45.735 ng  
RT: 23.577 min Scan# 3496  
Delta R.T. 0.007 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

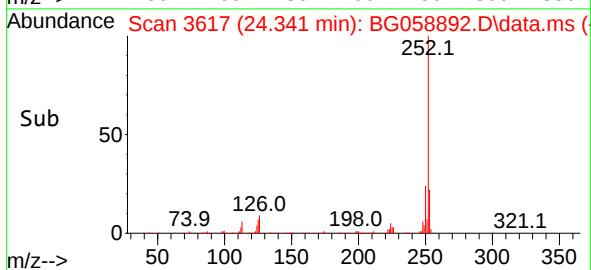
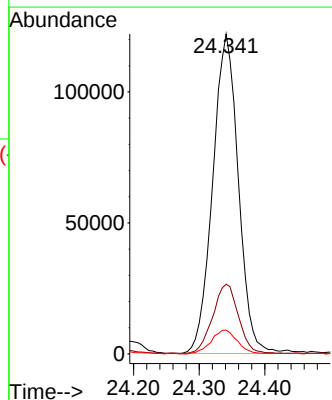
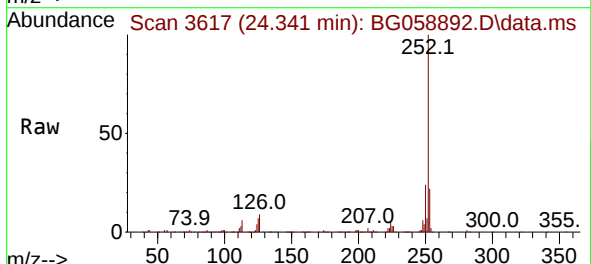
Instrument :  
BNA\_G  
ClientSampleId :  
VNJ-208MSD

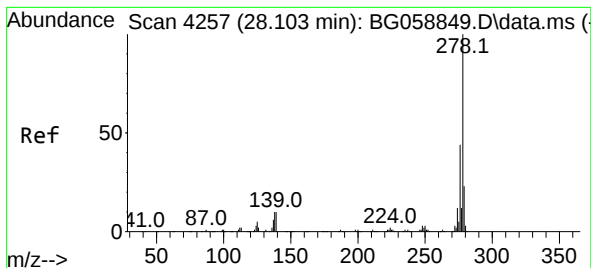
Tgt Ion:252 Resp: 347914  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.6 26.4  
125 6.7 6.3 9.5



#90  
Benzo(a)pyrene  
Concen: 45.442 ng  
RT: 24.341 min Scan# 3617  
Delta R.T. 0.007 min  
Lab File: BG058892.D  
Acq: 29 Aug 2023 18:07

Tgt Ion:252 Resp: 330048  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.5 26.3  
125 7.4 6.8 10.2





#91

Dibenzo(a,h)anthracene

Concen: 46.237 ng

RT: 28.013 min Scan# 41

Delta R.T. 0.007 min

Lab File: BG058892.D

Acq: 29 Aug 2023 18:07

Instrument :

BNA\_G

ClientSampleId :

VNJ-208MSD

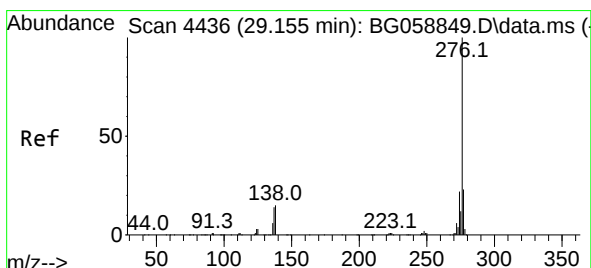
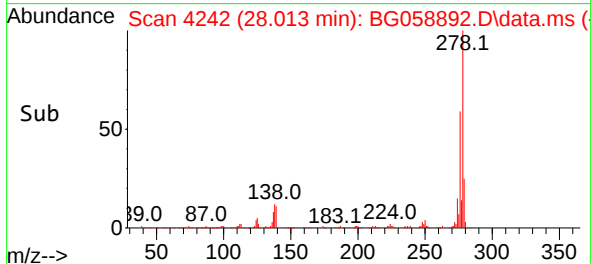
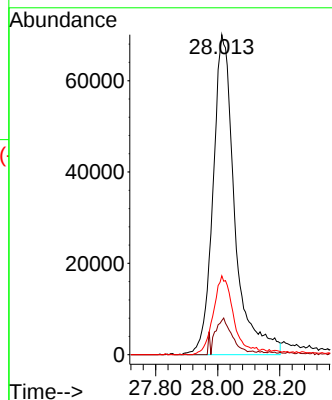
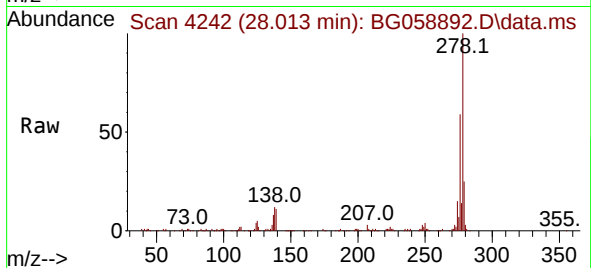
Tgt Ion:278 Resp: 341730

Ion Ratio Lower Upper

278 100

139 10.7 8.9 13.3

279 24.7 19.0 28.6



#92

Benzo(g,h,i)perylene

Concen: 42.497 ng

RT: 29.065 min Scan# 4421

Delta R.T. 0.019 min

Lab File: BG058892.D

Acq: 29 Aug 2023 18:07

Tgt Ion:276 Resp: 314032

Ion Ratio Lower Upper

276 100

277 23.5 17.8 26.6

138 13.6 11.1 16.7

