

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG083023\  
 Data File : BG058913.D  
 Acq On : 31 Aug 2023 2:57  
 Operator : MA/JU  
 Sample : 04196-02MS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OR-345-COMP-01MS

Quant Time: Aug 31 04:22:25 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG081823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 31 01:27:35 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.754  | 152  | 16165    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.556 | 136  | 73093    | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.411 | 164  | 56691    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.160 | 188  | 134588   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.402 | 240  | 110984   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 24.428 | 264  | 139328   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.333  | 112  | 152663   | 151.979 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.937  | 99   | 202652   | 143.793 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.929  | 82   | 138442   | 91.062  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.909 | 330  | 135892   | 152.876 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.030 | 172  | 346165   | 88.812  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.787 | 244  | 611551   | 98.942  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.212  | 88   | 15571    | 32.971  | ng    | # 34     |
| 3) Pyridine                   | 3.611  | 79   | 32639    | 26.153  | ng    | 94       |
| 4) n-Nitrosodimethylamine     | 3.523  | 42   | 31629    | 46.618  | ng    | 94       |
| 6) Aniline                    | 7.084  | 93   | 28645    | 16.627  | ng    | 96       |
| 8) 2-Chlorophenol             | 7.325  | 128  | 53664    | 52.837  | ng    | 96       |
| 9) Benzaldehyde               | 6.896  | 77   | 11355    | 14.364  | ng    | 96       |
| 10) Phenol                    | 6.960  | 94   | 63919    | 47.034  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.184  | 93   | 46041    | 43.419  | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 7.648  | 146  | 50588    | 46.891  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.795  | 146  | 51638    | 47.333  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.106  | 146  | 50616    | 48.004  | ng    | 98       |
| 15) Benzyl Alcohol            | 8.000  | 79   | 52836    | 52.436  | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.288  | 45   | 105627   | 46.740  | ng    | 98       |
| 17) 2-Methylphenol            | 8.212  | 107  | 48308    | 48.398  | ng    | 98       |
| 18) Hexachloroethane          | 8.835  | 117  | 19524    | 49.119  | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 8.564  | 70   | 42022    | 46.127  | ng    | 93       |
| 20) 3+4-Methylphenols         | 8.541  | 107  | 65045    | 48.471  | ng    | 98       |
| 22) Acetophenone              | 8.582  | 105  | 85233    | 43.077  | ng    | 99       |
| 24) Nitrobenzene              | 8.970  | 77   | 64261    | 42.498  | ng    | 99       |
| 25) Isophorone                | 9.487  | 82   | 126803   | 41.941  | ng    | 100      |
| 26) 2-Nitrophenol             | 9.675  | 139  | 29690    | 46.948  | ng    | # 95     |
| 27) 2,4-Dimethylphenol        | 9.740  | 122  | 51590    | 48.135  | ng    | 95       |
| 28) bis(2-Chloroethoxy)met... | 9.969  | 93   | 68553    | 42.806  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.215 | 162  | 57965    | 52.631  | ng    | 94       |
| 30) 1,2,4-Trichlorobenzene    | 10.421 | 180  | 58278    | 43.820  | ng    | 95       |
| 31) Naphthalene               | 10.609 | 128  | 162735   | 42.403  | ng    | 99       |
| 32) Benzoic acid              | 9.886  | 122  | 10459    | 19.753  | ng    | 95       |
| 33) 4-Chloroaniline           | 10.733 | 127  | 5544     | 3.425   | ng    | 95       |
| 34) Hexachlorobutadiene       | 10.885 | 225  | 40192    | 44.777  | ng    | 96       |
| 35) Caprolactam               | 11.508 | 113  | 12690    | 32.155  | ng    | 91       |
| 36) 4-Chloro-3-methylphenol   | 11.866 | 107  | 69950    | 51.073  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.225 | 142  | 120525   | 43.725  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.448 | 142  | 115122   | 43.998  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.601 | 216  | 72003    | 41.198  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.572 | 237  | 57067    | 82.672  | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 12.848 | 196  | 55199    | 49.636  | ng    | 96       |

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 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

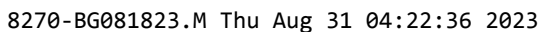
Instrument :  
 BNA\_G  
 ClientSampleId :  
 OR-345-COMP-01MS

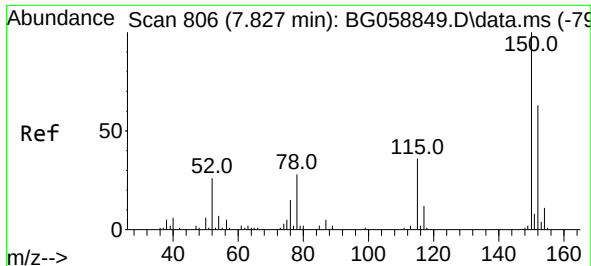
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 31 01:27:35 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.924 | 196  | 58912    | 44.238 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.241 | 154  | 165424   | 42.358 | ng    | 96       |
| 47) 2-Chloronaphthalene       | 13.288 | 162  | 133230   | 43.776 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.500 | 65   | 50348    | 43.558 | ng    | 98       |
| 49) Acenaphthylene            | 14.134 | 152  | 222090   | 44.004 | ng    | 98       |
| 50) Dimethylphthalate         | 13.876 | 163  | 189094   | 43.079 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 13.999 | 165  | 41184    | 44.660 | ng    | 94       |
| 52) Acenaphthene              | 14.475 | 154  | 126663   | 42.946 | ng    | 98       |
| 53) 3-Nitroaniline            | 14.328 | 138  | 10682    | 12.010 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 14.546 | 184  | 21715    | 45.391 | ng #  | 90       |
| 55) Dibenzofuran              | 14.810 | 168  | 218468   | 42.941 | ng    | 98       |
| 56) 4-Nitrophenol             | 14.651 | 139  | 50990    | 79.289 | ng    | 92       |
| 57) 2,4-Dinitrotoluene        | 14.792 | 165  | 59360    | 46.151 | ng    | 96       |
| 58) Fluorene                  | 15.462 | 166  | 177662   | 43.879 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.045 | 232  | 55732    | 51.285 | ng    | 97       |
| 60) Diethylphthalate          | 15.239 | 149  | 193839   | 42.831 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.456 | 204  | 97339    | 43.374 | ng    | 93       |
| 62) 4-Nitroaniline            | 15.498 | 138  | 37158    | 41.168 | ng    | 87       |
| 63) Azobenzene                | 15.750 | 77   | 171841   | 41.352 | ng    | 95       |
| 65) 4,6-Dinitro-2-methylph... | 15.562 | 198  | 24367    | 32.030 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.674 | 169  | 156586   | 45.141 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.349 | 248  | 66953    | 45.333 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.467 | 284  | 76381    | 48.052 | ng    | 99       |
| 69) Atrazine                  | 16.626 | 200  | 49439    | 40.272 | ng    | 96       |
| 70) Pentachlorophenol         | 16.820 | 266  | 61730    | 74.061 | ng    | 98       |
| 71) Phenanthrene              | 17.201 | 178  | 286339   | 44.317 | ng    | 100      |
| 72) Anthracene                | 17.295 | 178  | 284022   | 43.829 | ng    | 99       |
| 73) Carbazole                 | 17.566 | 167  | 255826   | 43.110 | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.118 | 149  | 318305   | 42.520 | ng    | 99       |
| 75) Fluoranthene              | 19.223 | 202  | 337635   | 42.138 | ng    | 97       |
| 77) Benzidine                 | 19.428 | 184  | 4125     | 2.074  | ng #  | 94       |
| 78) Pyrene                    | 19.581 | 202  | 347113   | 44.887 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.468 | 149  | 142884   | 45.559 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.379 | 228  | 341958   | 44.263 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.302 | 252  | 40595    | 15.220 | ng    | 97       |
| 83) Chrysene                  | 21.443 | 228  | 311315   | 41.807 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.285 | 149  | 201741   | 43.858 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.425 | 149  | 352326   | 44.532 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 27.889 | 276  | 403730   | 42.829 | ng #  | 94       |
| 88) Benzo(b)fluoranthene      | 23.535 | 252  | 341911   | 44.228 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.535 | 252  | 341911   | 42.886 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.293 | 252  | 312390   | 41.039 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 27.936 | 278  | 336635   | 43.460 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 28.964 | 276  | 321826   | 41.556 | ng    | 98       |

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

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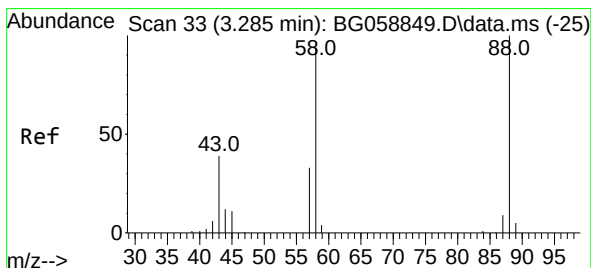
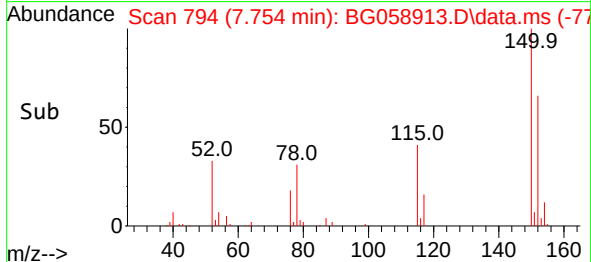
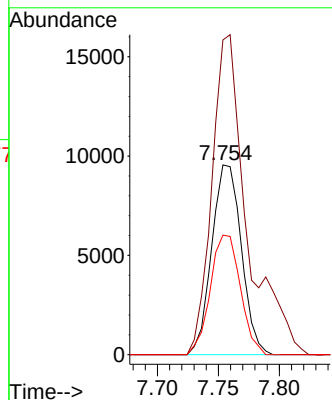
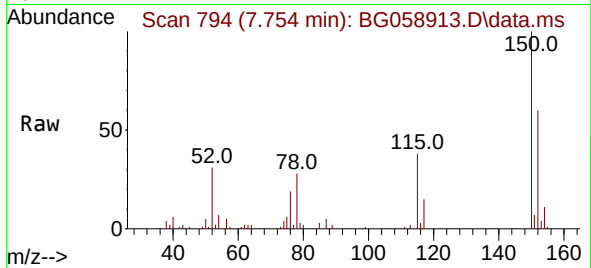




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.754 min Scan# 79  
 Delta R.T. -0.005 min  
 Lab File: BG058913.D  
 Acq: 31 Aug 2023 2:57

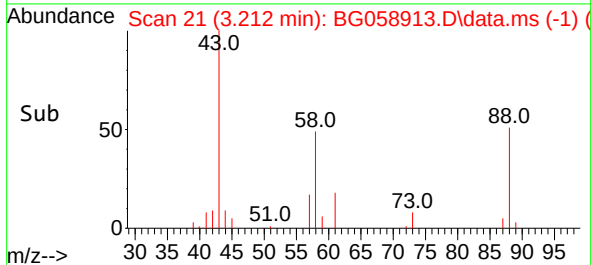
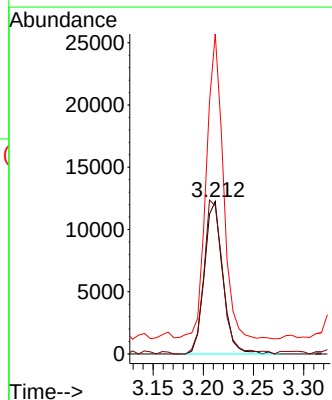
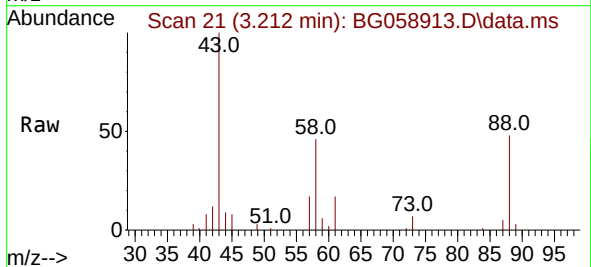
Instrument :  
 BNA\_G  
 ClientSampleId :  
 OR-345-COMP-01MS

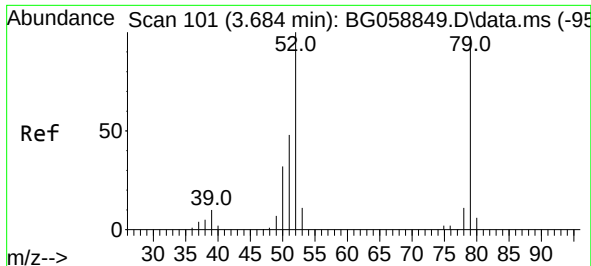
Tgt Ion:152 Resp: 16165  
 Ion Ratio Lower Upper  
 152 100  
 150 165.8 128.6 192.8  
 115 63.0 50.4 75.6



#2  
 1,4-Dioxane  
 Concen: 32.971 ng  
 RT: 3.212 min Scan# 21  
 Delta R.T. 0.012 min  
 Lab File: BG058913.D  
 Acq: 31 Aug 2023 2:57

Tgt Ion: 88 Resp: 15571  
 Ion Ratio Lower Upper  
 88 100  
 58 104.2 82.8 124.2  
 43 185.1 30.1 45.1#

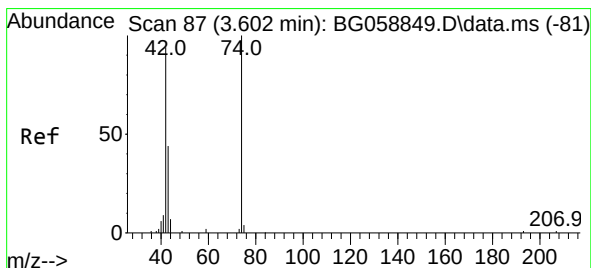
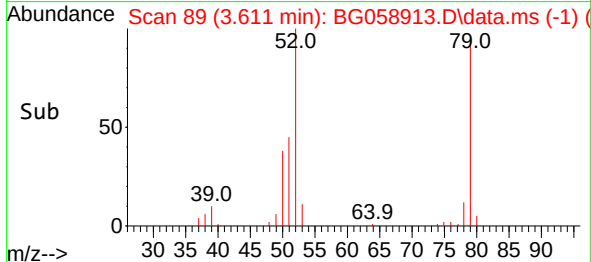
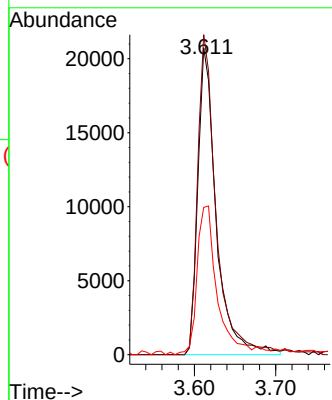
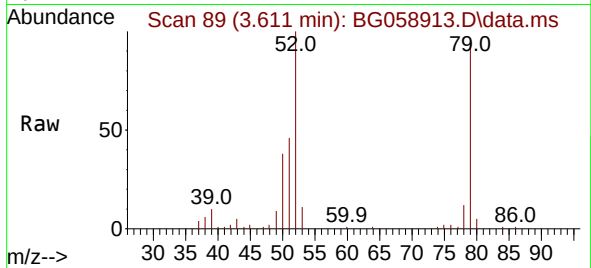




#3  
Pyridine  
Concen: 26.153 ng  
RT: 3.611 min Scan# 89  
Delta R.T. 0.012 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

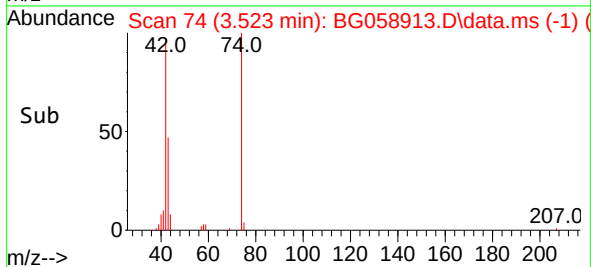
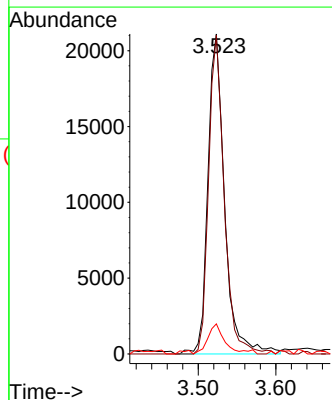
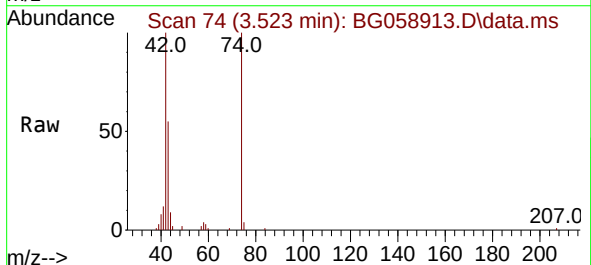
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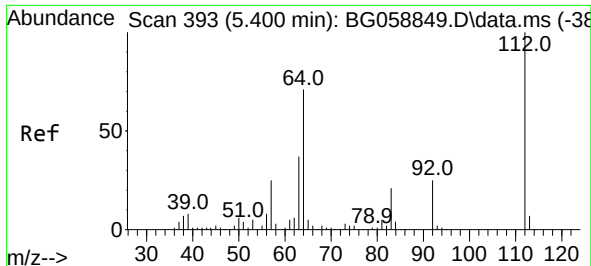
Tgt Ion: 79 Resp: 32639  
Ion Ratio Lower Upper  
79 100  
52 104.3 77.6 116.4  
51 48.0 37.5 56.3



#4  
n-Nitrosodimethylamine  
Concen: 46.618 ng  
RT: 3.523 min Scan# 74  
Delta R.T. 0.007 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

Tgt Ion: 42 Resp: 31629  
Ion Ratio Lower Upper  
42 100  
74 99.6 85.1 127.7  
44 9.4 6.9 10.3

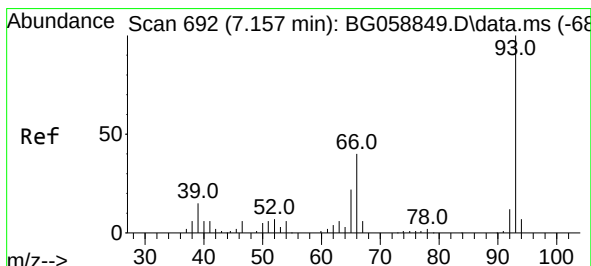
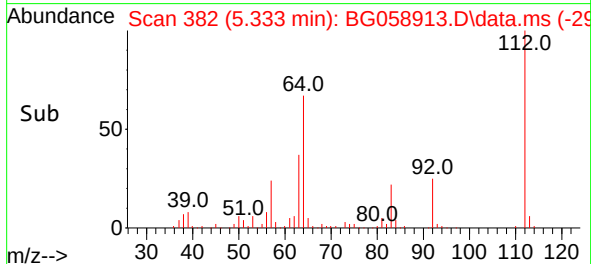
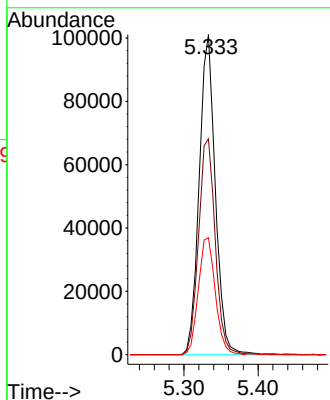
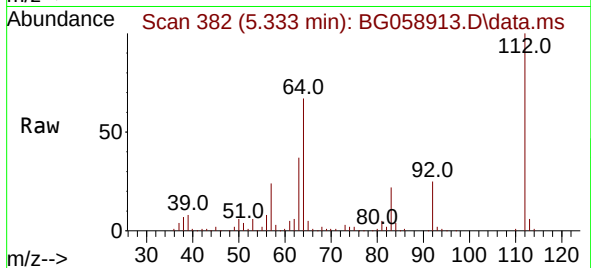




#5  
2-Fluorophenol  
Concen: 151.979 ng  
RT: 5.333 min Scan# 31  
Delta R.T. 0.007 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

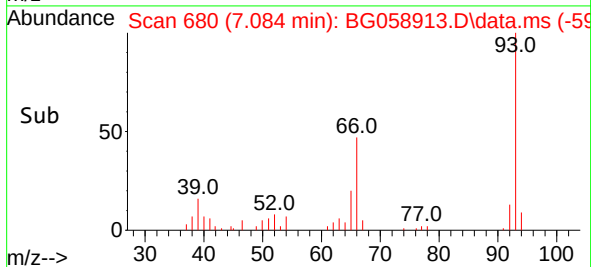
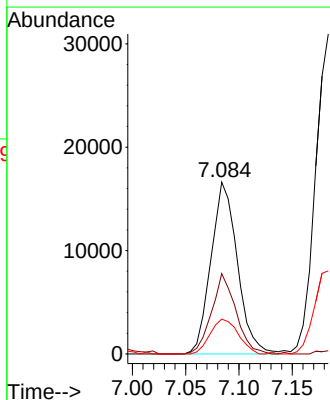
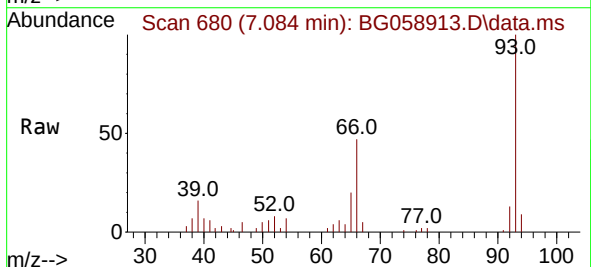
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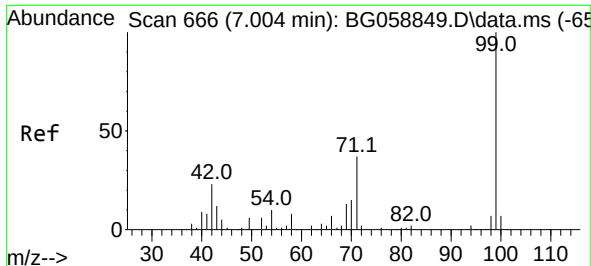
Tgt Ion:112 Resp: 152663  
Ion Ratio Lower Upper  
112 100  
64 67.4 60.6 90.8  
63 36.6 31.0 46.4



#6  
Aniline  
Concen: 16.627 ng  
RT: 7.084 min Scan# 680  
Delta R.T. -0.005 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

Tgt Ion: 93 Resp: 28645  
Ion Ratio Lower Upper  
93 100  
66 46.8 35.7 53.5  
65 20.3 18.2 27.2

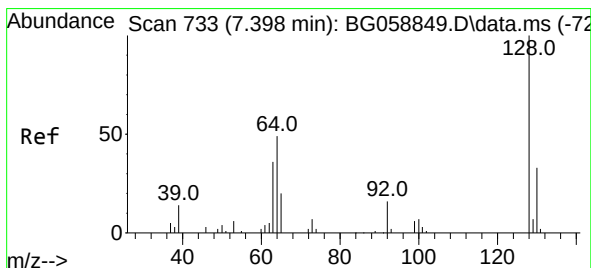
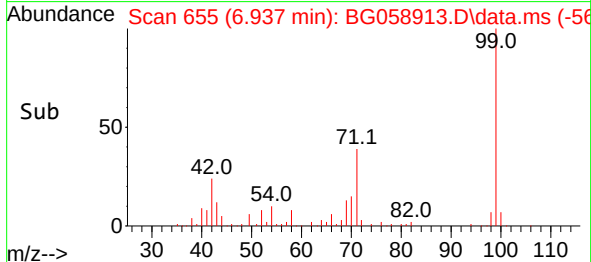
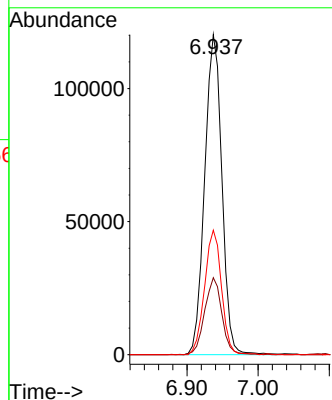
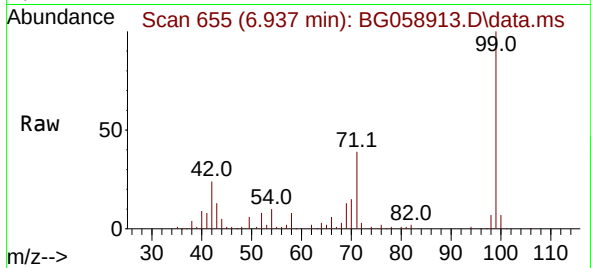




#7  
Phenol-d6  
Concen: 143.793 ng  
RT: 6.937 min Scan# 611  
Delta R.T. 0.001 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

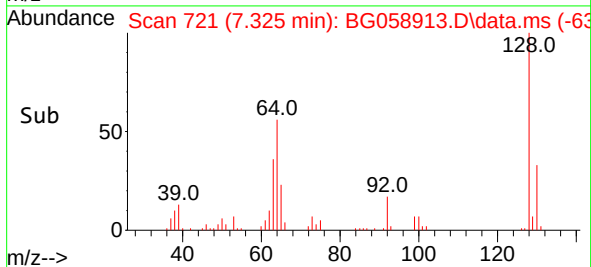
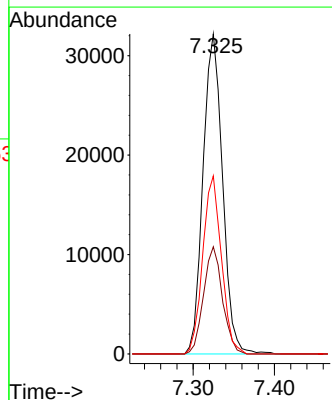
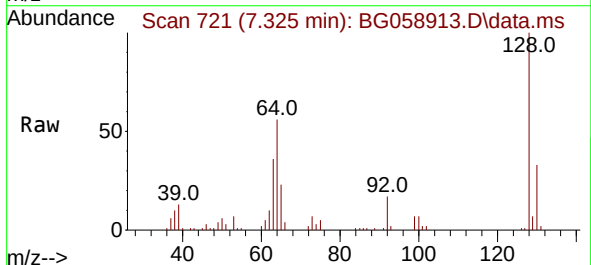
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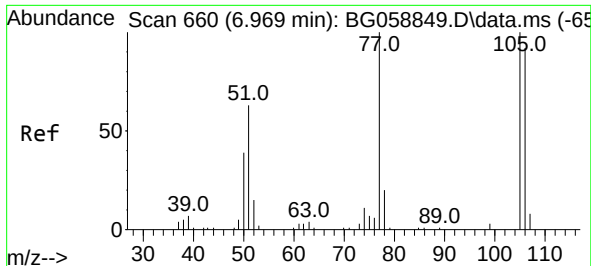
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Ion Ratio Lower Upper  
99 100  
42 24.0 16.5 24.7  
71 38.9 28.4 42.6



#8  
2-Chlorophenol  
Concen: 52.837 ng  
RT: 7.325 min Scan# 721  
Delta R.T. 0.001 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

Tgt Ion:128 Resp: 53664  
Ion Ratio Lower Upper  
128 100  
130 33.5 10.9 50.9  
64 55.6 38.4 78.4

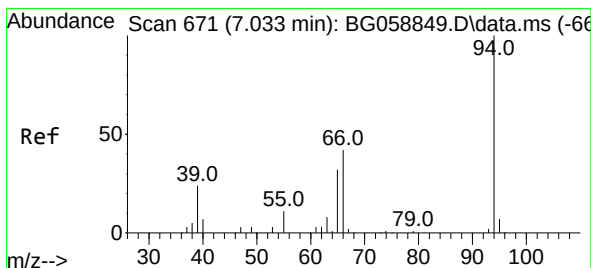
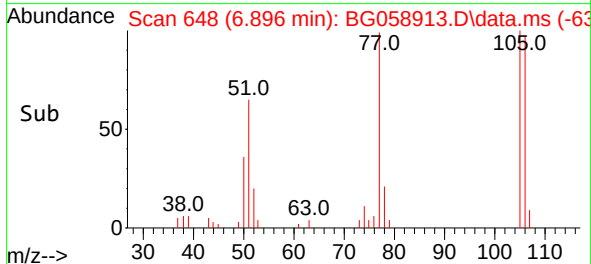
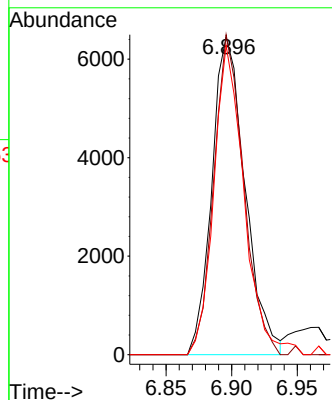
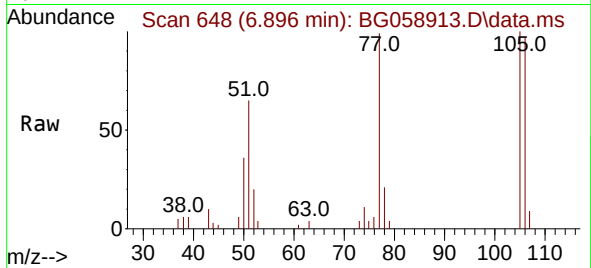




#9  
Benzaldehyde  
Concen: 14.364 ng  
RT: 6.896 min Scan# 64  
Delta R.T. -0.005 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

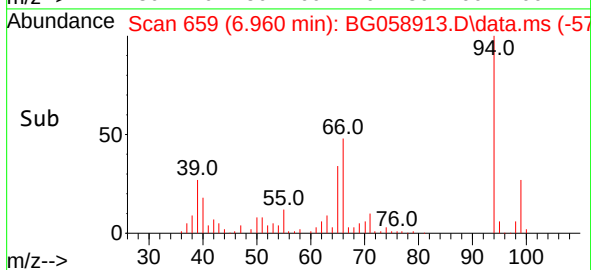
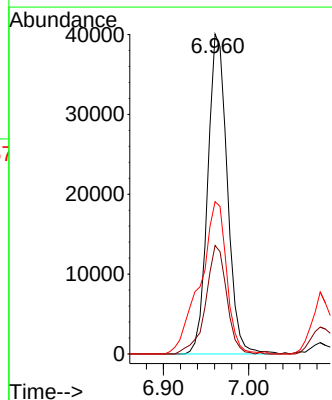
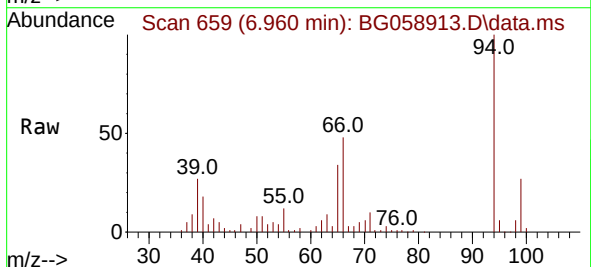
Instrument :  
BNA\_G  
ClientSampleId :  
OR-345-COMP-01MS

Tgt Ion: 77 Resp: 11355  
Ion Ratio Lower Upper  
77 100  
105 100.7 76.7 116.7  
106 97.3 73.4 113.4

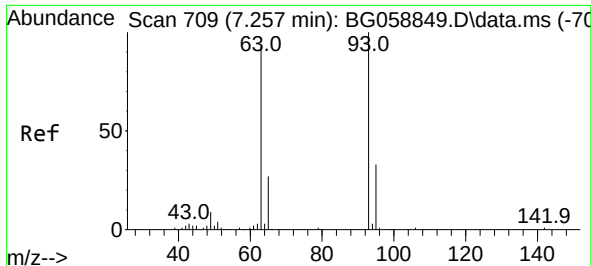


#10  
Phenol  
Concen: 47.034 ng  
RT: 6.960 min Scan# 659  
Delta R.T. -0.005 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

Tgt Ion: 94 Resp: 63919  
Ion Ratio Lower Upper  
94 100  
65 33.9 12.6 52.6  
66 47.6 26.6 66.6



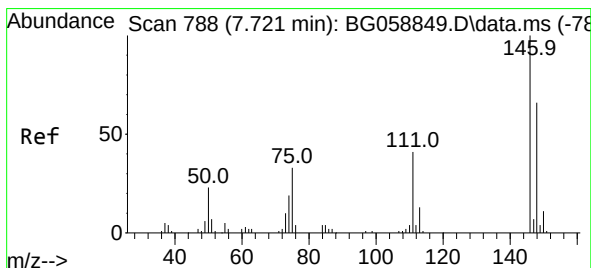
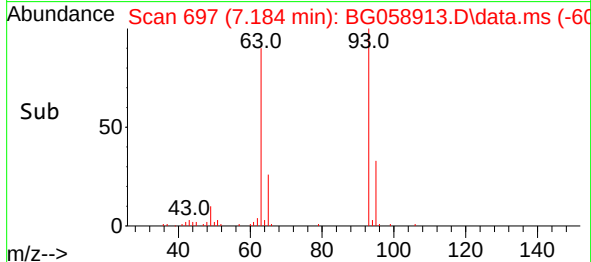
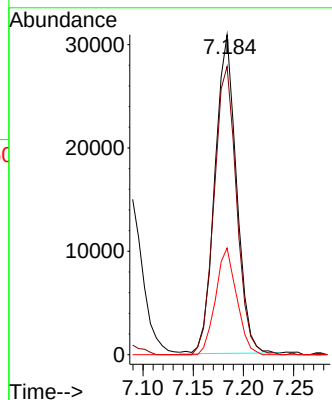
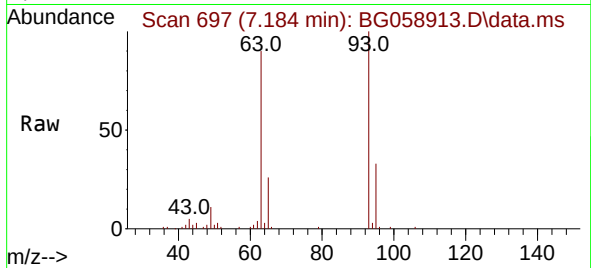




#11  
bis(2-Chloroethyl)ether  
Concen: 43.419 ng  
RT: 7.184 min Scan# 697  
Delta R.T. 0.001 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

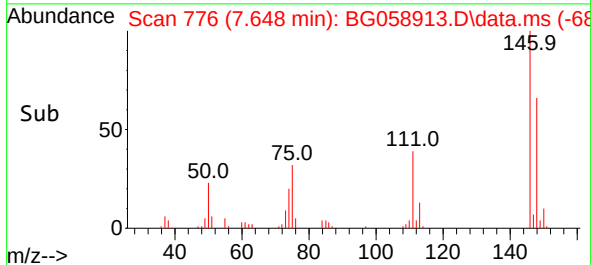
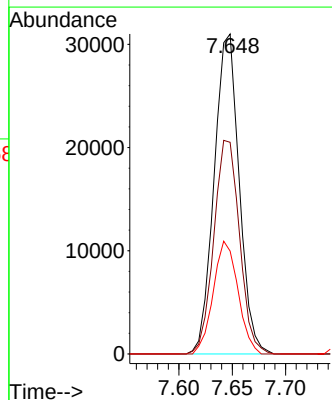
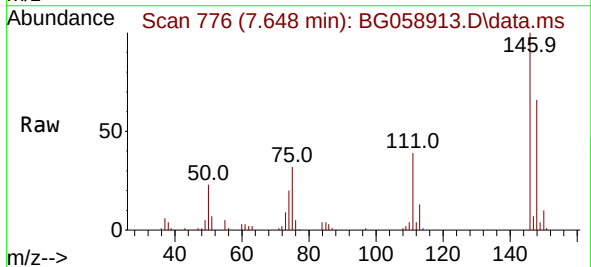
Instrument :  
BNA\_G  
ClientSampleId :  
OR-345-COMP-01MS

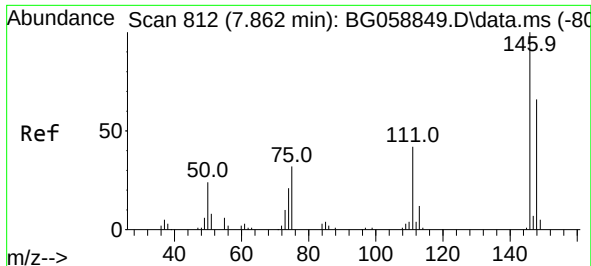
Tgt Ion: 93 Resp: 46041  
Ion Ratio Lower Upper  
93 100  
63 90.1 74.8 114.8  
95 33.4 12.1 52.1



#12  
1,3-Dichlorobenzene  
Concen: 46.891 ng  
RT: 7.648 min Scan# 776  
Delta R.T. 0.001 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

Tgt Ion:146 Resp: 50588  
Ion Ratio Lower Upper  
146 100  
148 66.2 52.4 78.6  
75 32.1 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 47.333 ng

RT: 7.795 min Scan# 801

Delta R.T. 0.001 min

Lab File: BG058913.D

Acq: 31 Aug 2023 2:57

Instrument :

BNA\_G

ClientSampleId :

OR-345-COMP-01MS

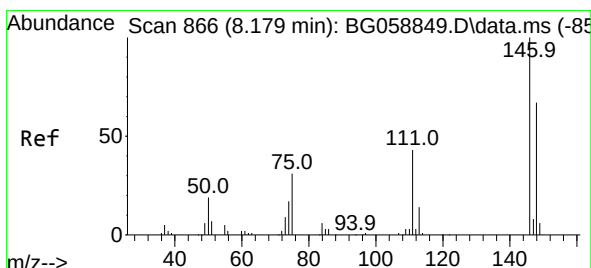
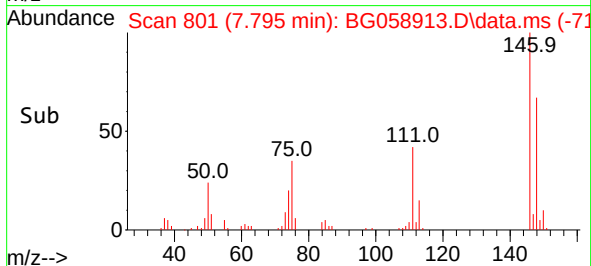
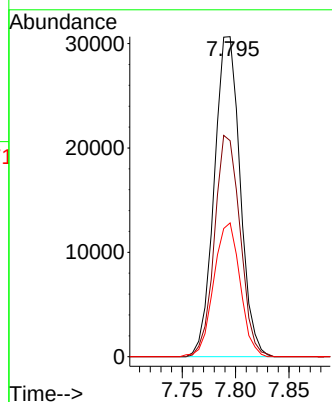
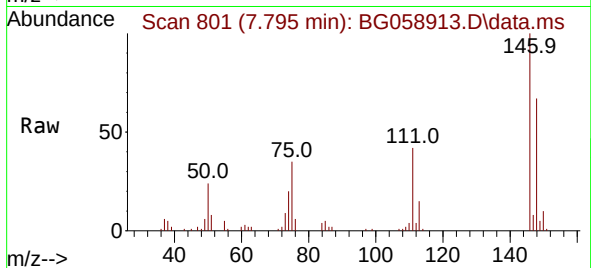
Tgt Ion:146 Resp: 51638

Ion Ratio Lower Upper

146 100

148 67.5 51.3 76.9

111 41.8 33.8 50.8



#14

1,2-Dichlorobenzene

Concen: 48.004 ng

RT: 8.106 min Scan# 854

Delta R.T. -0.005 min

Lab File: BG058913.D

Acq: 31 Aug 2023 2:57

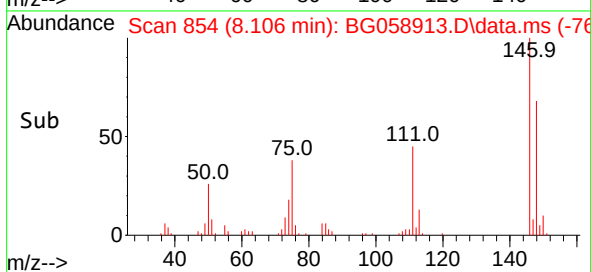
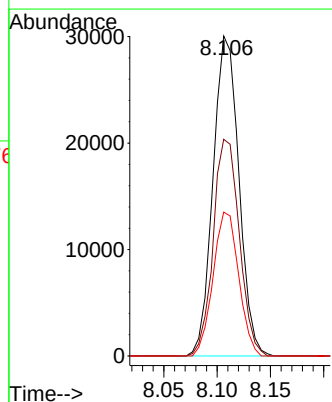
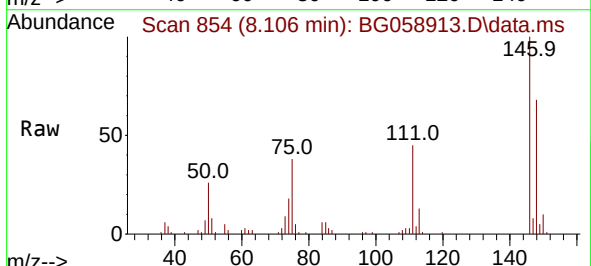
Tgt Ion:146 Resp: 50616

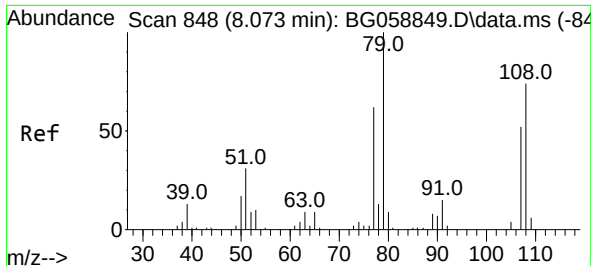
Ion Ratio Lower Upper

146 100

148 67.7 52.9 79.3

111 45.0 35.5 53.3

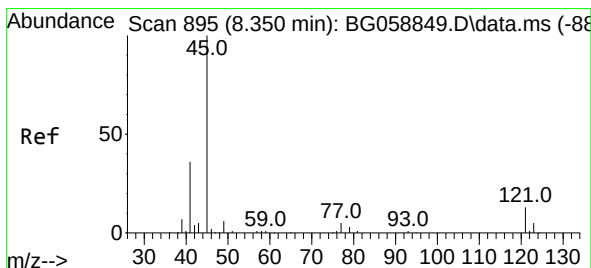
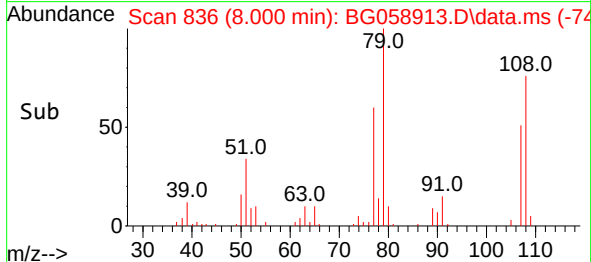
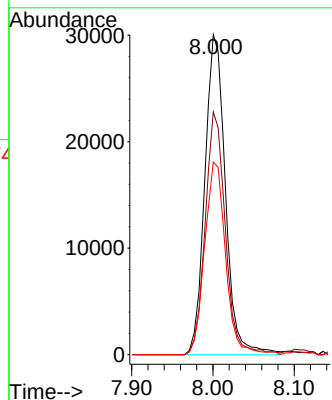
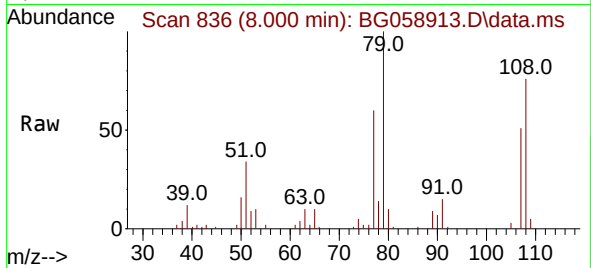




#15  
Benzyl Alcohol  
Concen: 52.436 ng  
RT: 8.000 min Scan# 81  
Delta R.T. -0.005 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

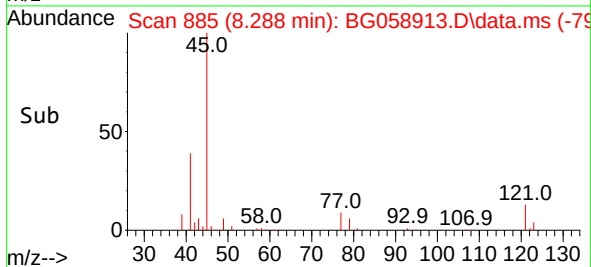
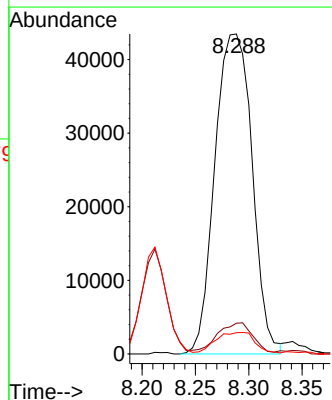
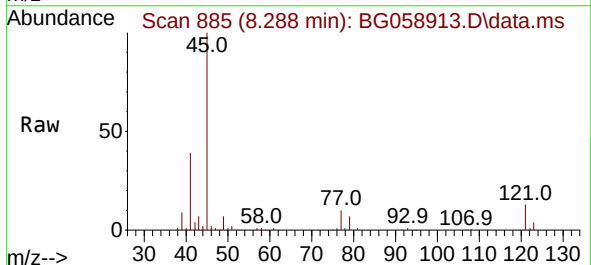
Instrument :  
BNA\_G  
ClientSampleId :  
OR-345-COMP-01MS

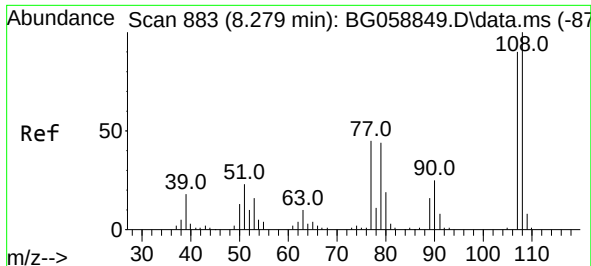
Tgt Ion: 79 Resp: 52836  
Ion Ratio Lower Upper  
79 100  
108 75.9 63.4 95.0  
77 60.2 52.2 78.2



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 46.740 ng  
RT: 8.288 min Scan# 885  
Delta R.T. 0.001 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

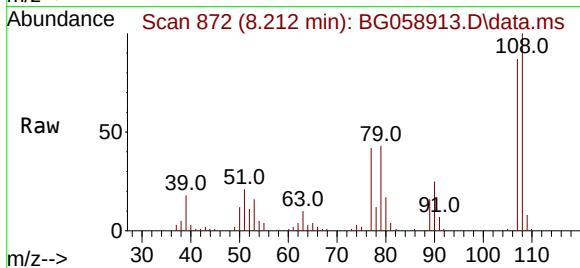
Tgt Ion: 45 Resp: 105627  
Ion Ratio Lower Upper  
45 100  
77 9.6 0.0 30.3  
79 6.6 0.0 27.7



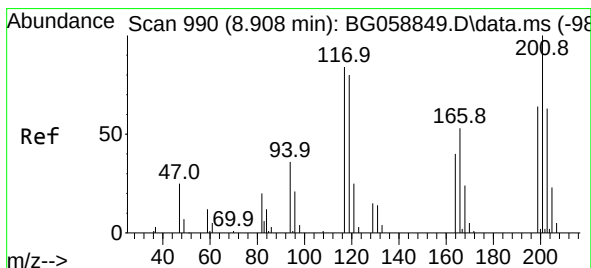
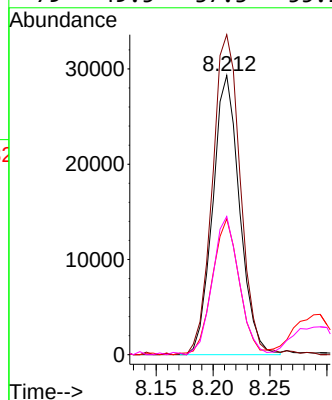
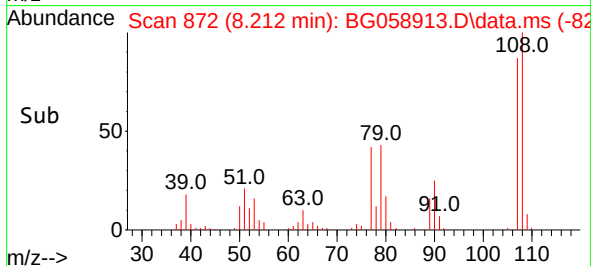


#17  
2-Methylphenol  
Concen: 48.398 ng  
RT: 8.212 min Scan# 81  
Delta R.T. 0.001 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

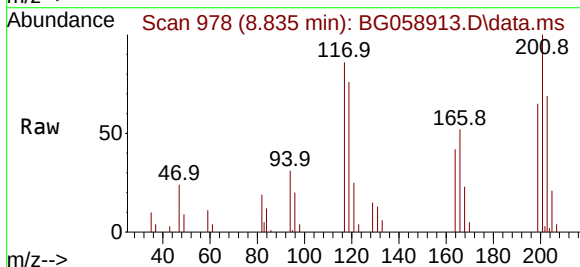
Instrument :  
BNA\_G  
ClientSampleId :  
OR-345-COMP-01MS



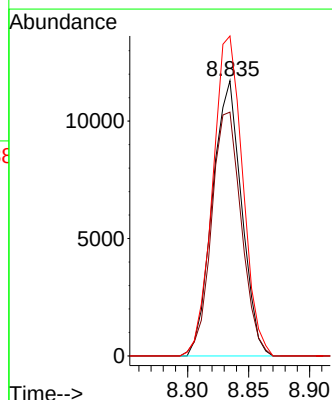
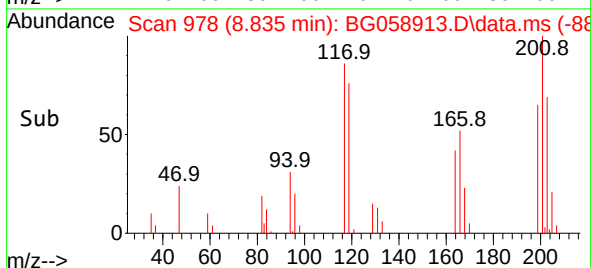
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 48308 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 114.6 | 92.2  | 138.2 |
| 77       | 48.7  | 40.0  | 60.0  |
| 79       | 49.5  | 37.3  | 55.9  |

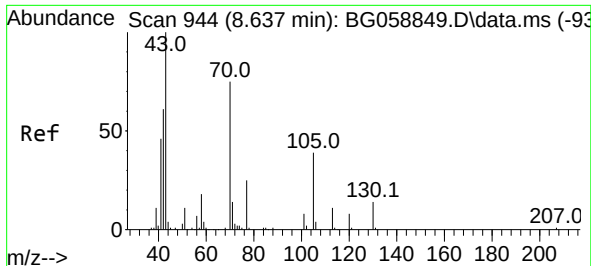


#18  
Hexachloroethane  
Concen: 49.119 ng  
RT: 8.835 min Scan# 978  
Delta R.T. 0.001 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 19524 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 88.6  | 76.6  | 115.0 |
| 201      | 116.3 | 97.0  | 145.6 |

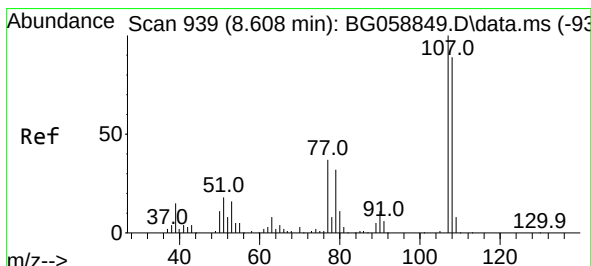
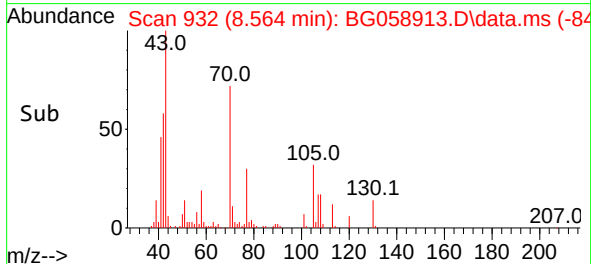
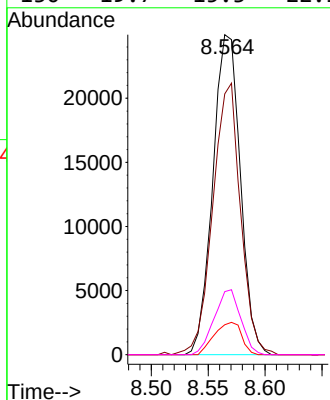
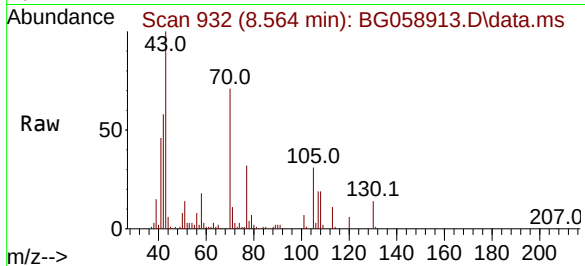




#19  
n-Nitroso-di-n-propylamine  
Concen: 46.127 ng  
RT: 8.564 min Scan# 911  
Delta R.T. -0.005 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

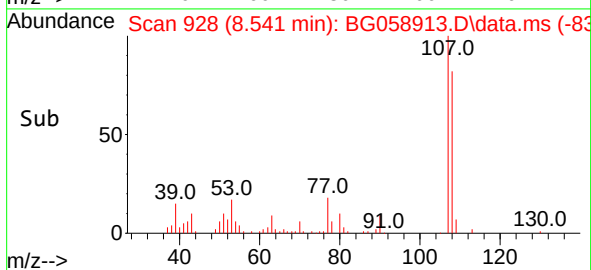
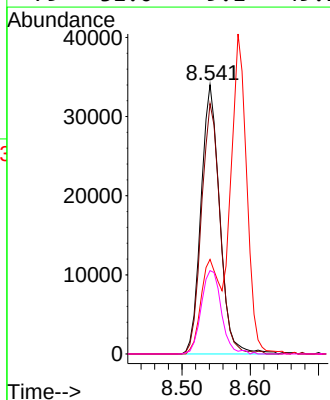
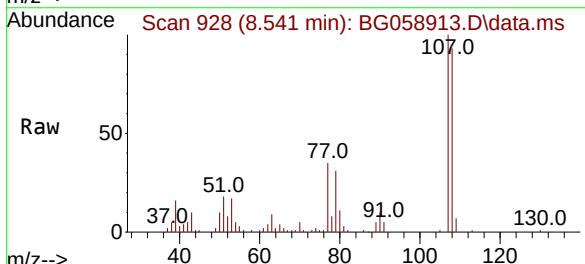
Instrument :  
BNA\_G  
ClientSampleId :  
OR-345-COMP-01MS

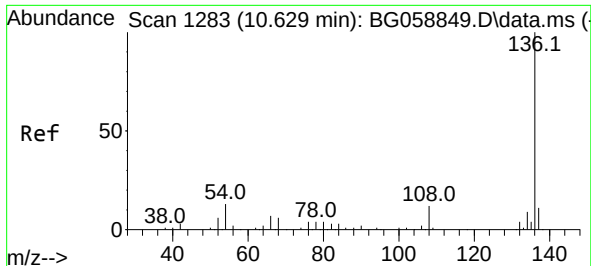
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 42022 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 81.5  | 59.2  | 88.8  |
| 101      | 9.3   | 8.2   | 12.2  |
| 130      | 19.7  | 15.3  | 22.9  |



#20  
3+4-Methylphenols  
Concen: 48.471 ng  
RT: 8.541 min Scan# 928  
Delta R.T. -0.005 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 65045 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 93.0  | 70.6  | 110.6 |
| 77       | 35.1  | 14.8  | 54.8  |
| 79       | 31.0  | 9.1   | 49.1  |

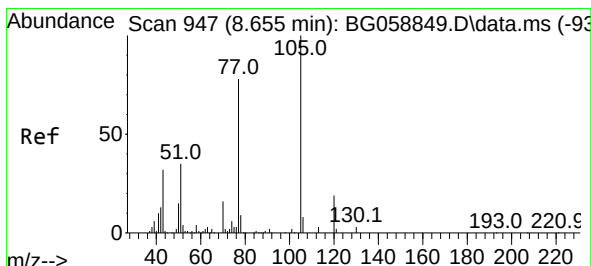
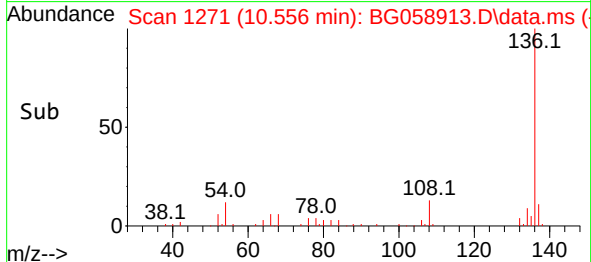
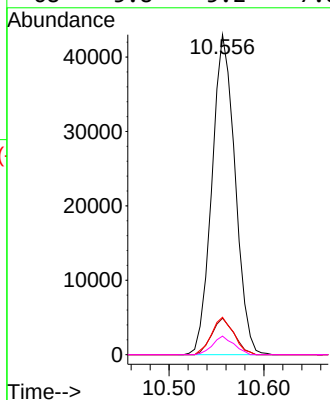
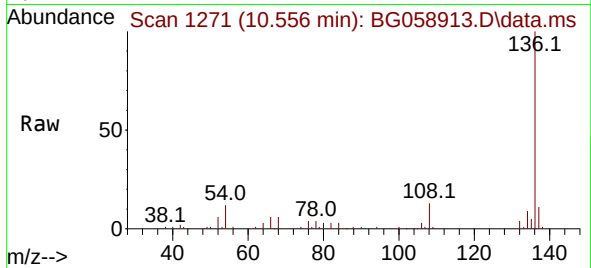




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.556 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

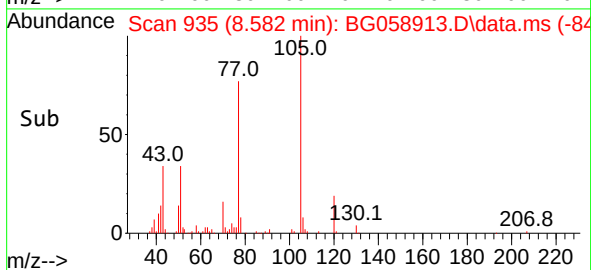
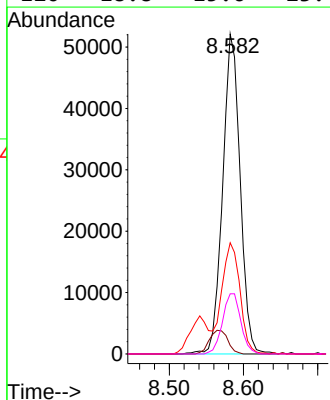
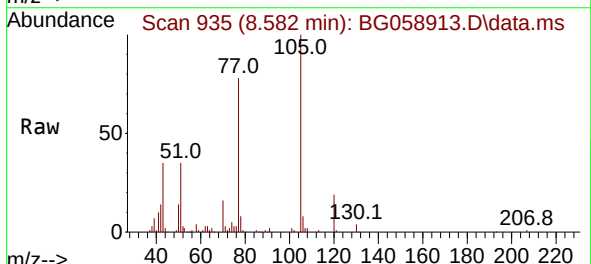
Instrument :  
BNA\_G  
ClientSampleId :  
OR-345-COMP-01MS

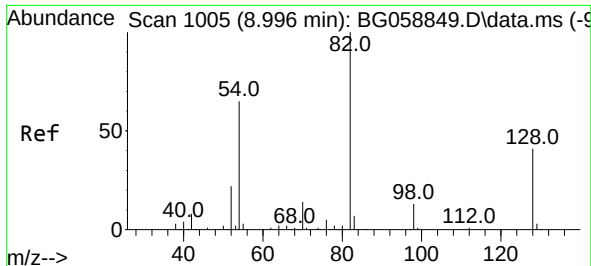
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 73093 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.4  | 8.7   | 13.1  |
| 54        | 11.7  | 10.1  | 15.1  |
| 68        | 5.8   | 5.2   | 7.8   |



#22  
Acetophenone  
Concen: 43.077 ng  
RT: 8.582 min Scan# 935  
Delta R.T. -0.005 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 85233 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 71        | 2.7   | 2.2   | 3.2   |
| 51        | 34.8  | 28.5  | 42.7  |
| 120       | 18.8  | 15.6  | 23.4  |





#23

Nitrobenzene-d5

Concen: 91.062 ng

RT: 8.929 min Scan# 91

Delta R.T. 0.001 min

Lab File: BG058913.D

Acq: 31 Aug 2023 2:57

Instrument :

BNA\_G

ClientSampleId :

OR-345-COMP-01MS

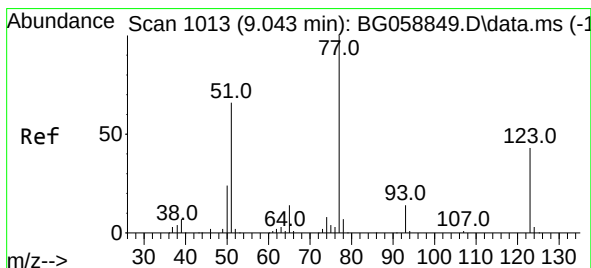
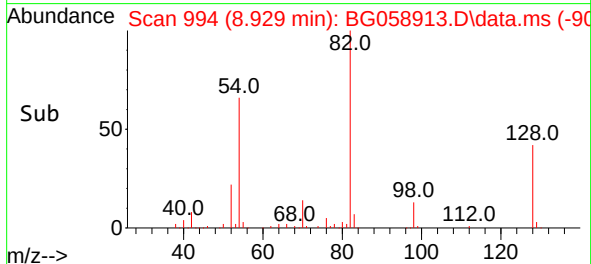
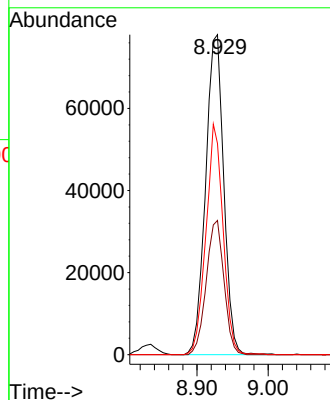
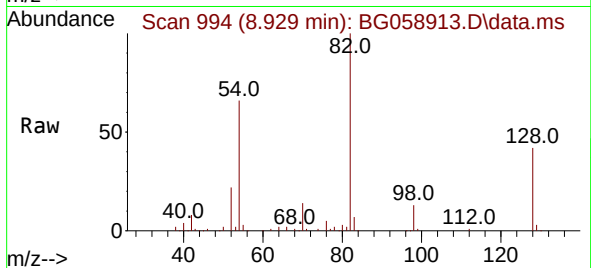
Tgt Ion: 82 Resp: 138442

Ion Ratio Lower Upper

82 100

128 41.9 33.2 49.8

54 66.0 51.2 76.8



#24

Nitrobenzene

Concen: 42.498 ng

RT: 8.970 min Scan# 1001

Delta R.T. 0.001 min

Lab File: BG058913.D

Acq: 31 Aug 2023 2:57

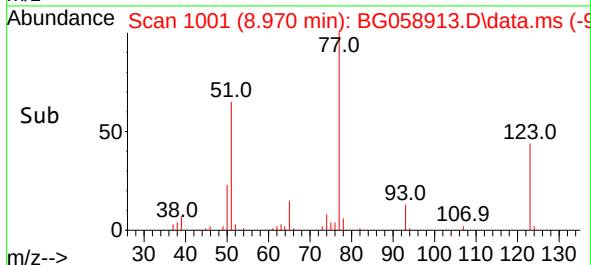
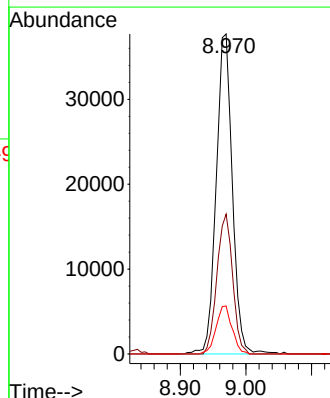
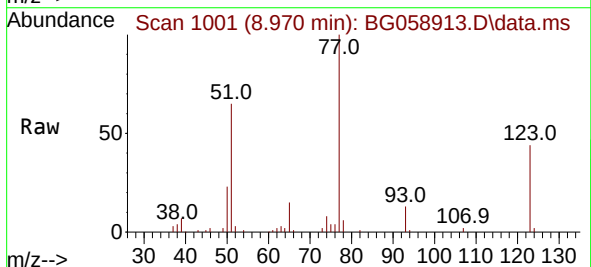
Tgt Ion: 77 Resp: 64261

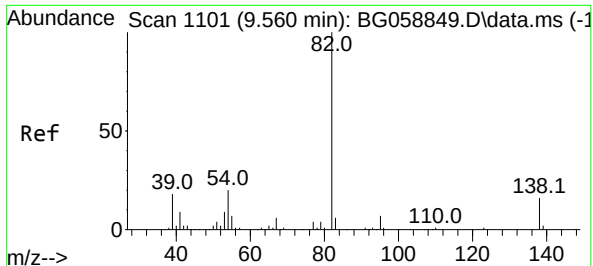
Ion Ratio Lower Upper

77 100

123 43.7 34.9 52.3

65 15.0 10.9 16.3

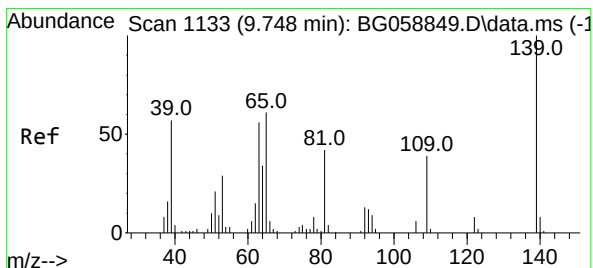
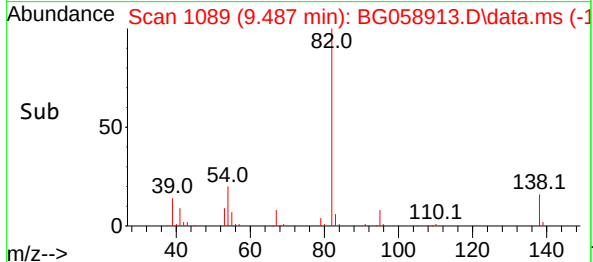
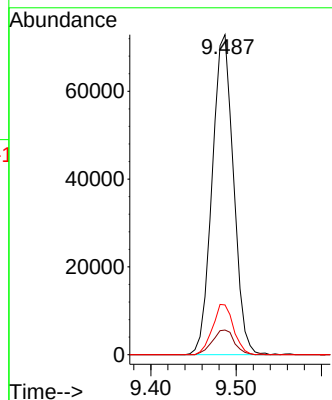
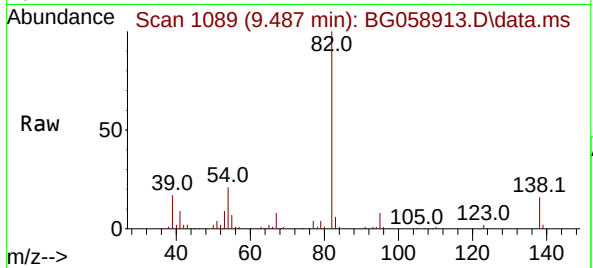




#25  
Isophorone  
Concen: 41.941 ng  
RT: 9.487 min Scan# 1101  
Delta R.T. -0.005 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

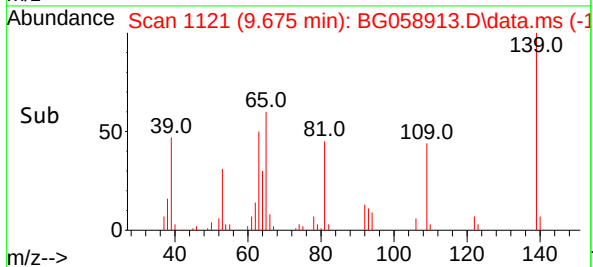
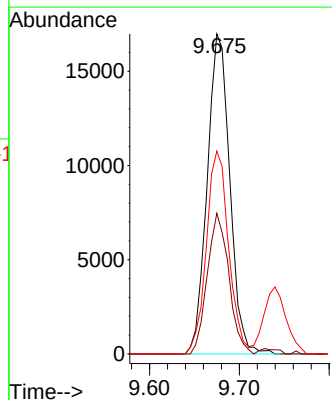
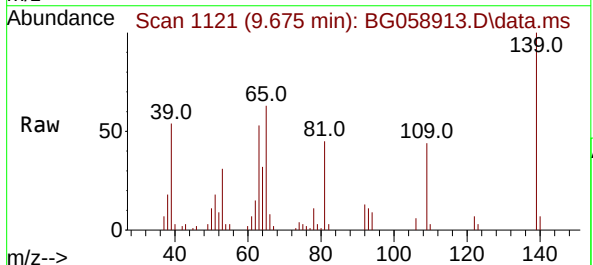
Instrument :  
BNA\_G  
ClientSampleId :  
OR-345-COMP-01MS

Tgt Ion: 82 Resp: 126803  
Ion Ratio Lower Upper  
82 100  
95 7.7 6.1 9.1  
138 15.5 12.2 18.4

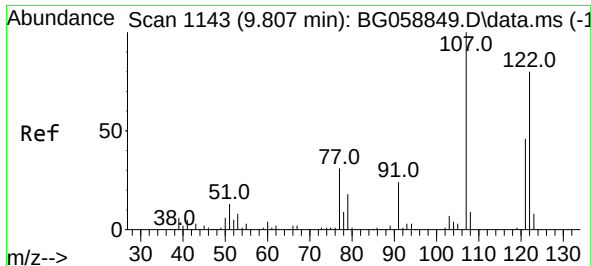


#26  
2-Nitrophenol  
Concen: 46.948 ng  
RT: 9.675 min Scan# 1121  
Delta R.T. -0.005 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

Tgt Ion: 139 Resp: 29690  
Ion Ratio Lower Upper  
139 100  
109 44.0 28.7 43.1#  
65 63.4 50.6 76.0







#27

2,4-Dimethylphenol

Concen: 48.135 ng

RT: 9.740 min Scan# 1143

Delta R.T. -0.005 min

Lab File: BG058913.D

Acq: 31 Aug 2023 2:57

Instrument :

BNA\_G

ClientSampleId :

OR-345-COMP-01MS

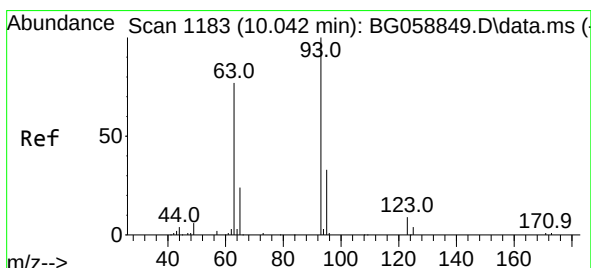
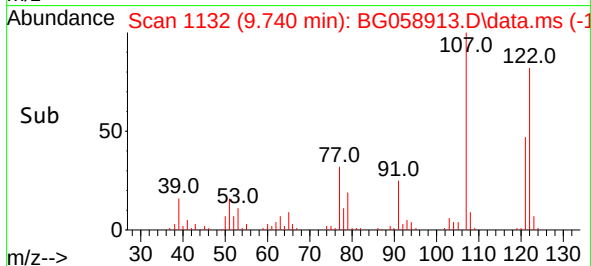
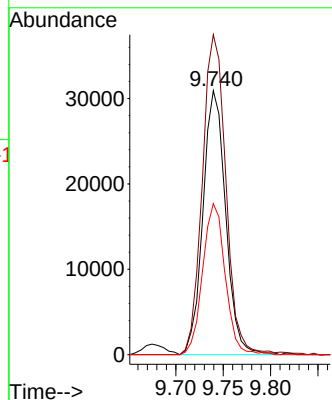
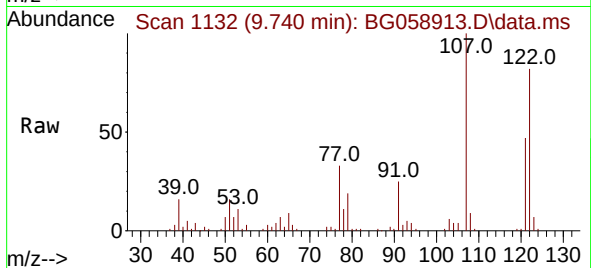
Tgt Ion:122 Resp: 51590

Ion Ratio Lower Upper

122 100

107 121.2 102.6 154.0

121 57.2 45.0 67.4



#28

bis(2-Chloroethoxy)methane

Concen: 42.806 ng

RT: 9.969 min Scan# 1171

Delta R.T. -0.005 min

Lab File: BG058913.D

Acq: 31 Aug 2023 2:57

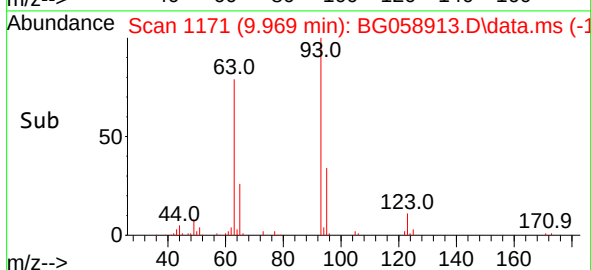
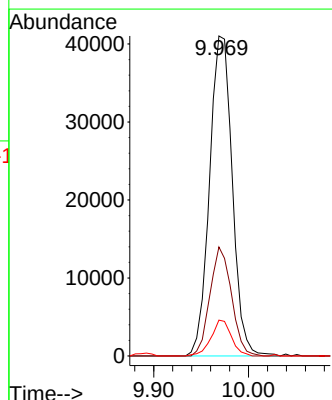
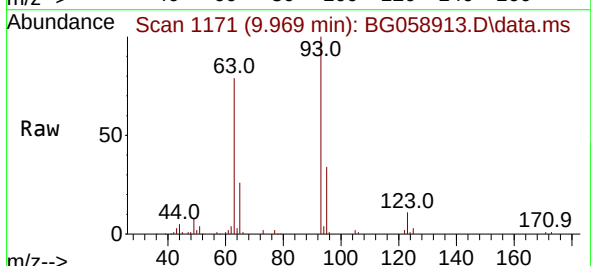
Tgt Ion: 93 Resp: 68553

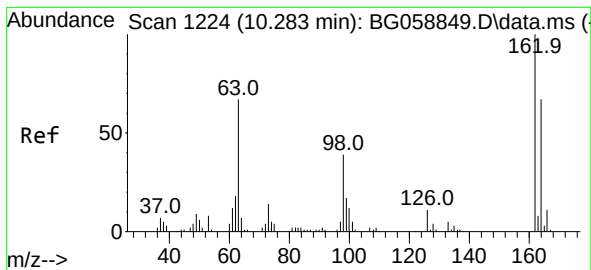
Ion Ratio Lower Upper

93 100

95 34.1 26.2 39.4

123 11.2 8.1 12.1

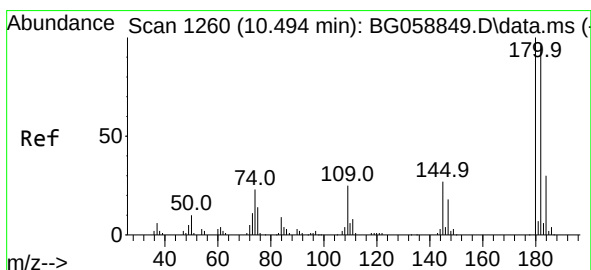
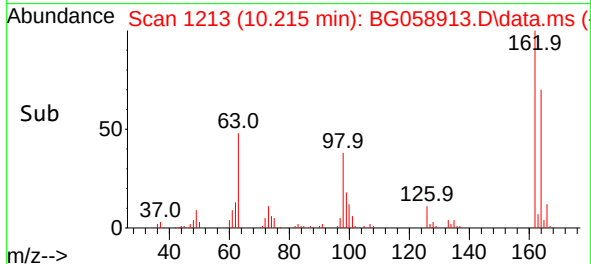
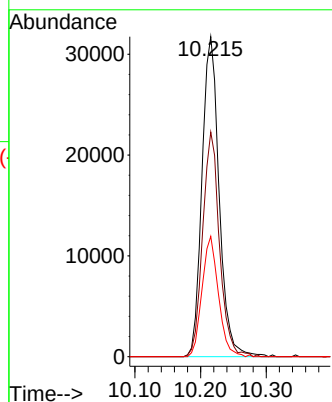
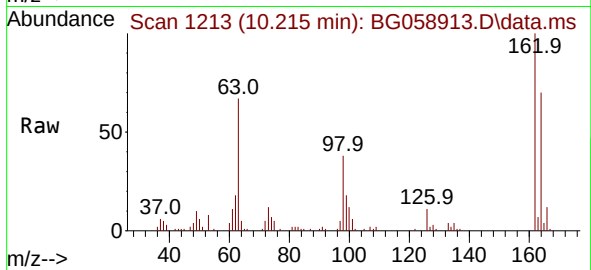




#29  
2,4-Dichlorophenol  
Concen: 52.631 ng  
RT: 10.215 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

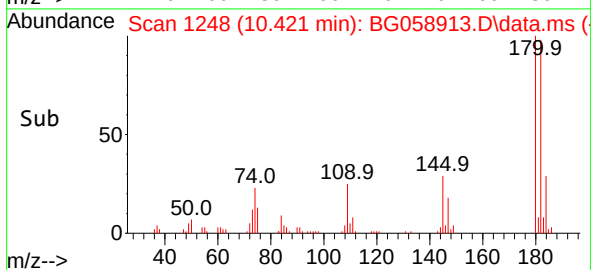
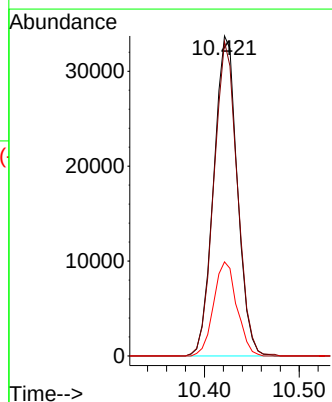
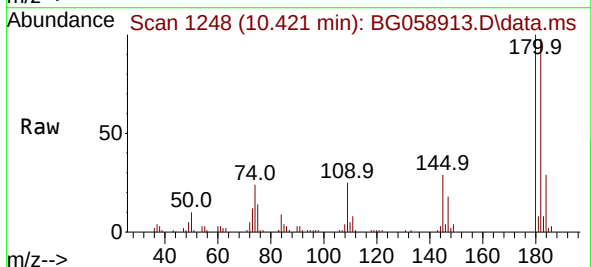
Instrument :  
BNA\_G  
ClientSampleId :  
OR-345-COMP-01MS

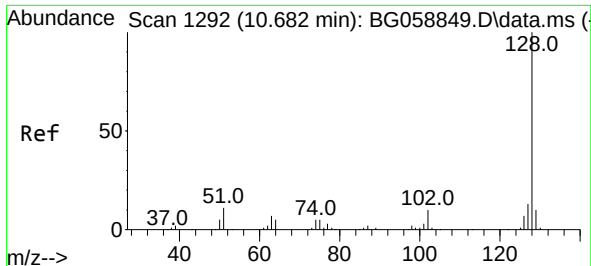
Tgt Ion:162 Resp: 57965  
Ion Ratio Lower Upper  
162 100  
164 70.2 44.4 84.4  
98 37.6 16.1 56.1



#30  
1,2,4-Trichlorobenzene  
Concen: 43.820 ng  
RT: 10.421 min Scan# 1248  
Delta R.T. -0.005 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

Tgt Ion:180 Resp: 58278  
Ion Ratio Lower Upper  
180 100  
182 98.2 74.6 112.0  
145 29.4 21.4 32.0

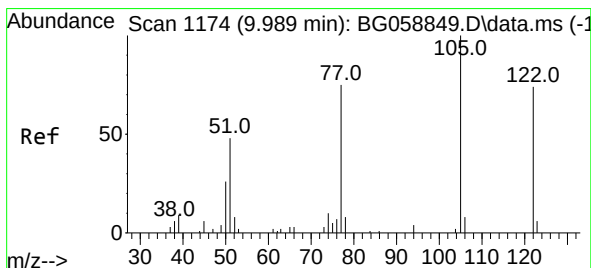
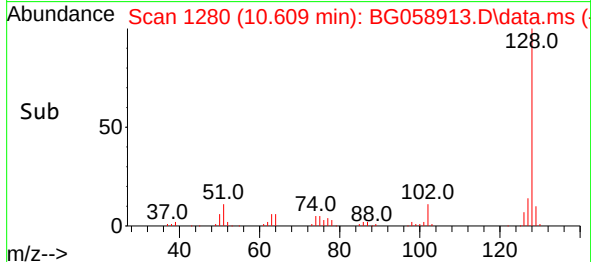
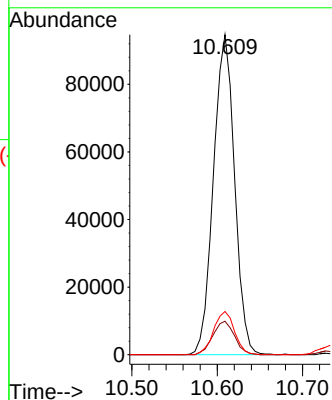
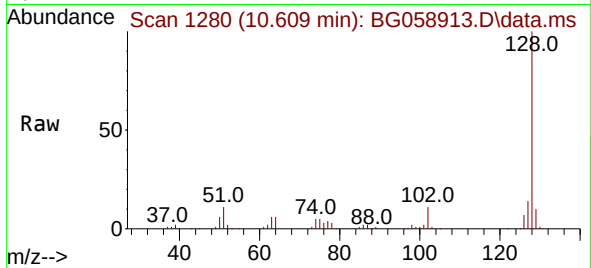




#31  
Naphthalene  
Concen: 42.403 ng  
RT: 10.609 min Scan# 1157  
Delta R.T. -0.005 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

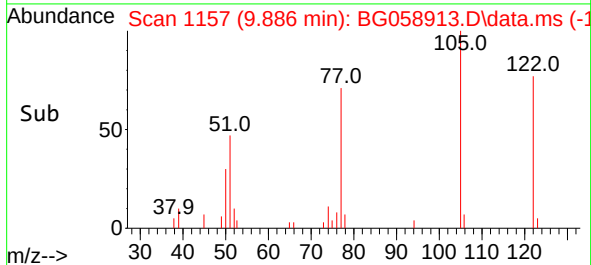
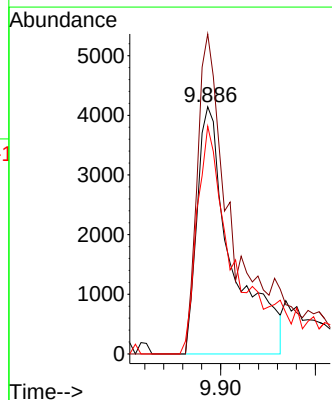
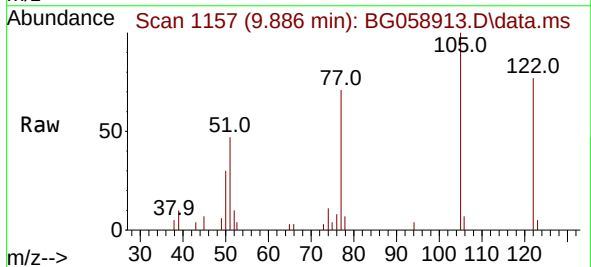
Instrument :  
BNA\_G  
ClientSampleId :  
OR-345-COMP-01MS

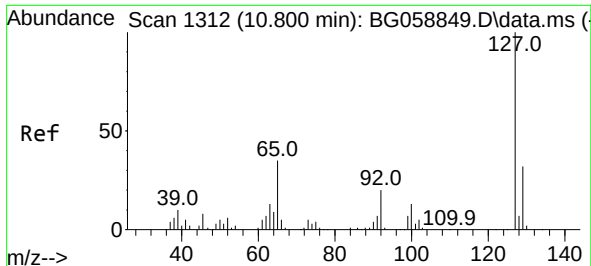
Tgt Ion:128 Resp: 162735  
Ion Ratio Lower Upper  
128 100  
129 10.5 8.9 13.3  
127 13.5 10.6 15.8



#32  
Benzoic acid  
Concen: 19.753 ng  
RT: 9.886 min Scan# 1157  
Delta R.T. -0.052 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

Tgt Ion:122 Resp: 10459  
Ion Ratio Lower Upper  
122 100  
105 129.4 113.6 153.6  
77 92.1 79.7 119.7

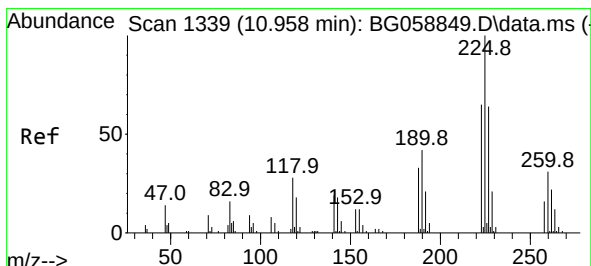
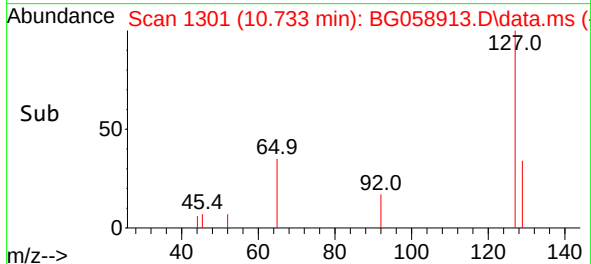
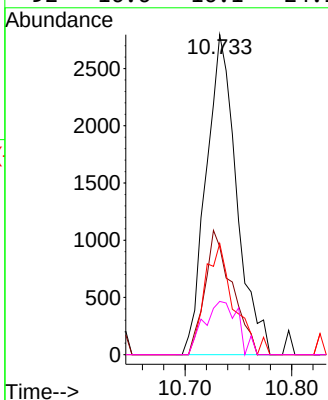
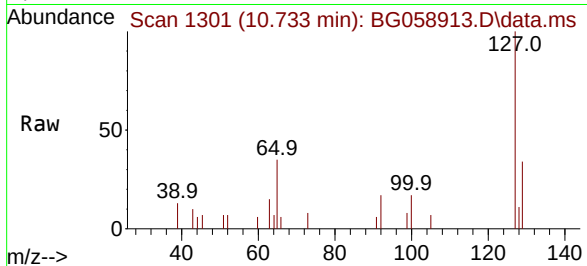




#33  
4-Chloroaniline  
Concen: 3.425 ng  
RT: 10.733 min Scan# 11  
Delta R.T. 0.007 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

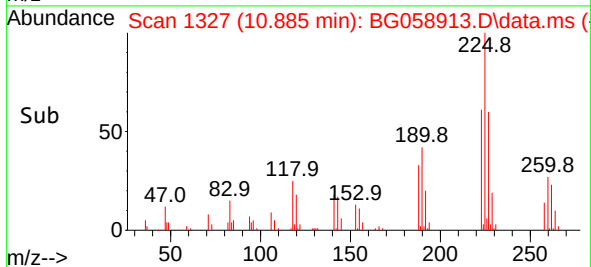
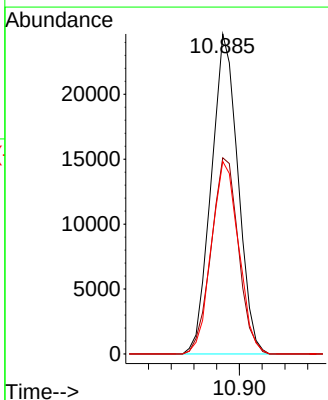
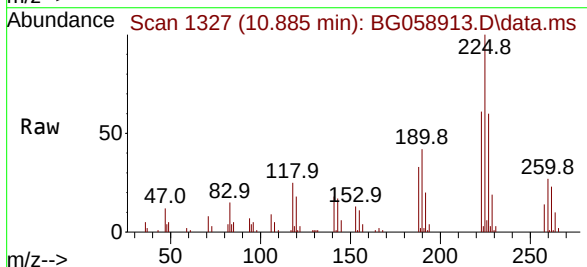
Instrument :  
BNA\_G  
ClientSampleId :  
OR-345-COMP-01MS

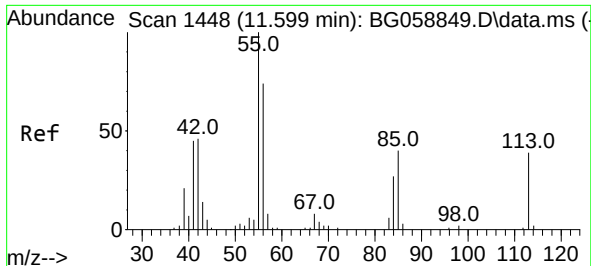
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 5544  |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 33.7  | 25.2  | 37.8  |
| 65       | 34.7  | 30.5  | 45.7  |
| 92       | 16.6  | 16.1  | 24.1  |



#34  
Hexachlorobutadiene  
Concen: 44.777 ng  
RT: 10.885 min Scan# 1327  
Delta R.T. -0.005 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 40192 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 61.3  | 49.9  | 74.9  |
| 227      | 60.2  | 51.6  | 77.4  |

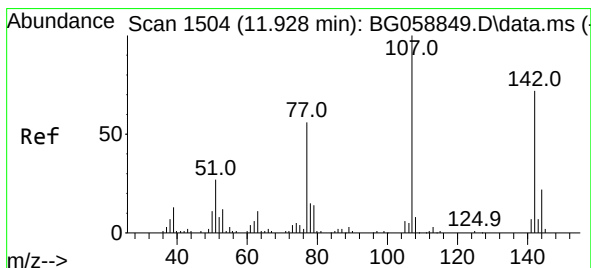
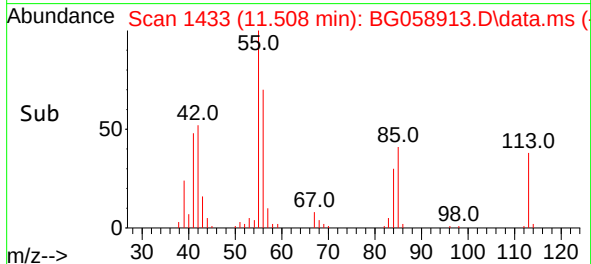
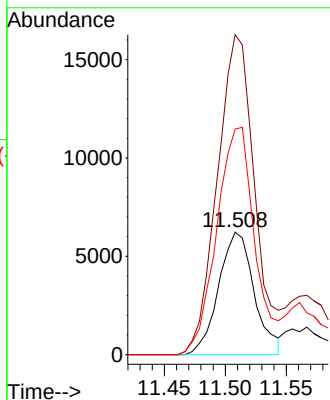
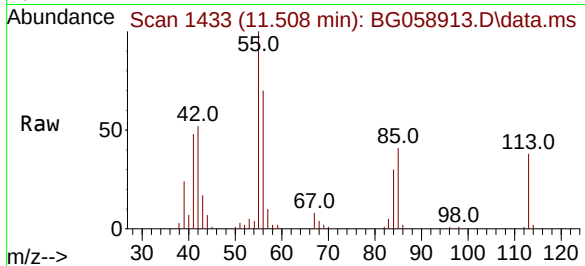




#35  
 Caprolactam  
 Concen: 32.155 ng  
 RT: 11.508 min Scan# 1448  
 Delta R.T. -0.029 min  
 Lab File: BG058913.D  
 Acq: 31 Aug 2023 2:57

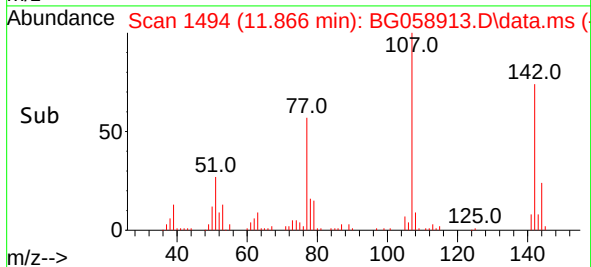
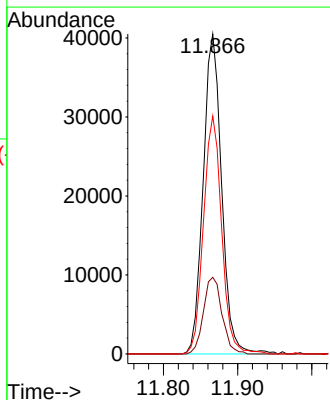
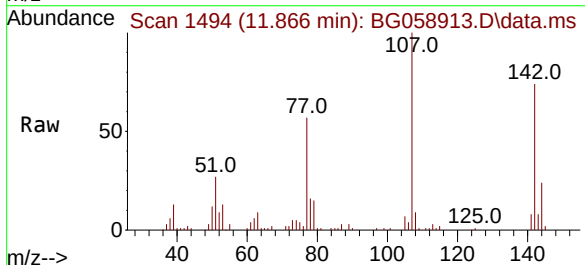
Instrument :  
 BNA\_G  
 ClientSampleId :  
 OR-345-COMP-01MS

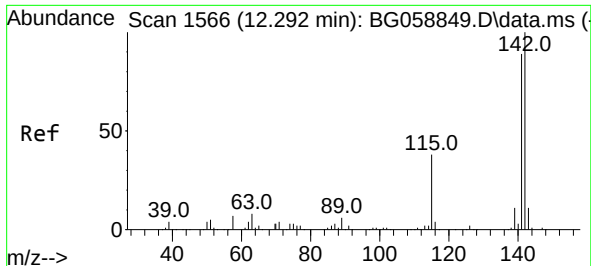
Tgt Ion:113 Resp: 12690  
 Ion Ratio Lower Upper  
 113 100  
 55 261.1 256.3 296.3  
 56 184.0 180.4 220.4



#36  
 4-Chloro-3-methylphenol  
 Concen: 51.073 ng  
 RT: 11.866 min Scan# 1494  
 Delta R.T. 0.001 min  
 Lab File: BG058913.D  
 Acq: 31 Aug 2023 2:57

Tgt Ion:107 Resp: 69950  
 Ion Ratio Lower Upper  
 107 100  
 144 23.9 17.9 26.9  
 142 74.4 58.5 87.7

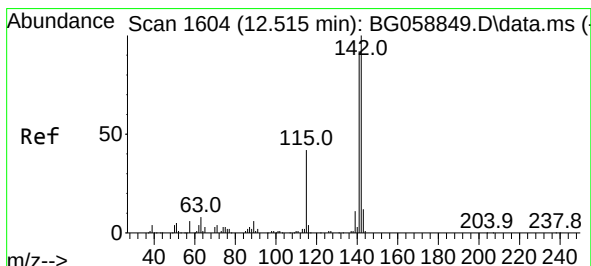
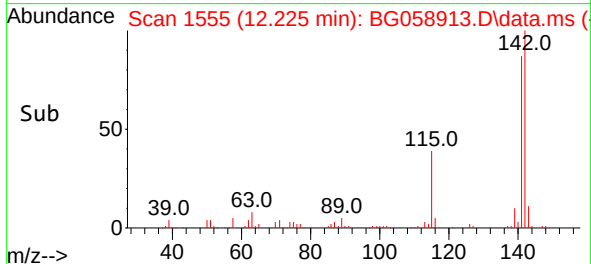
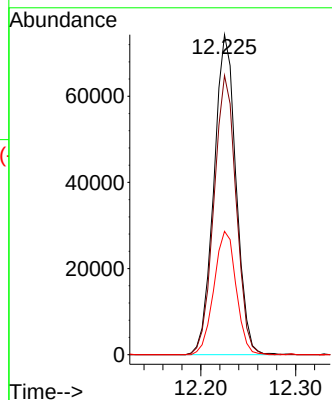
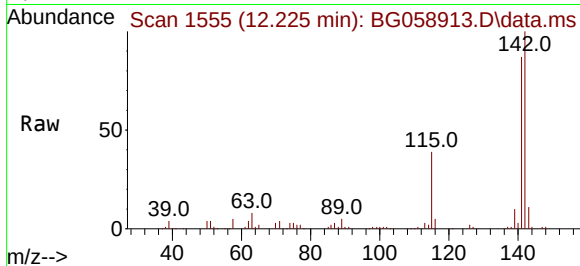




#37  
2-Methylnaphthalene  
Concen: 43.725 ng  
RT: 12.225 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

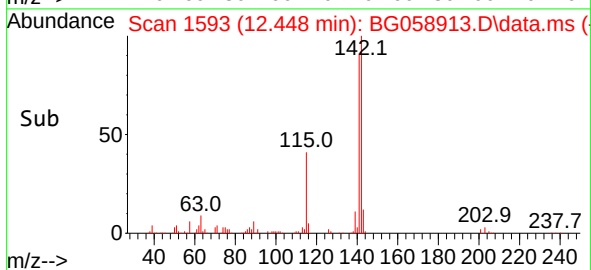
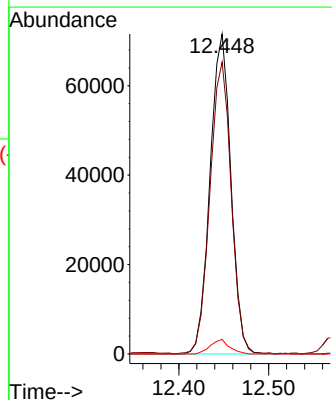
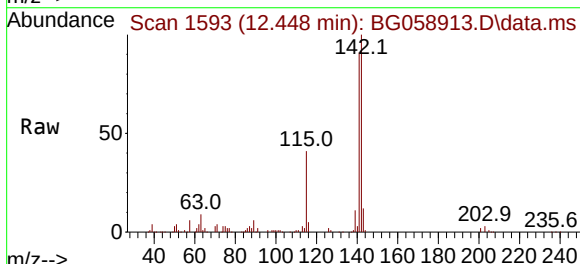
Instrument :  
BNA\_G  
ClientSampleId :  
OR-345-COMP-01MS

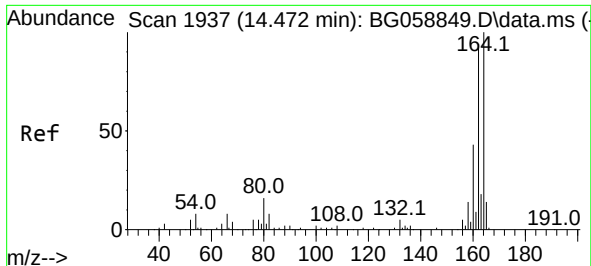
Tgt Ion:142 Resp: 120525  
Ion Ratio Lower Upper  
142 100  
141 87.3 71.8 107.8  
115 38.5 30.6 45.8



#38  
1-Methylnaphthalene  
Concen: 43.998 ng  
RT: 12.448 min Scan# 1593  
Delta R.T. 0.001 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

Tgt Ion:142 Resp: 115122  
Ion Ratio Lower Upper  
142 100  
141 91.2 73.9 110.9  
116 4.5 3.2 4.8

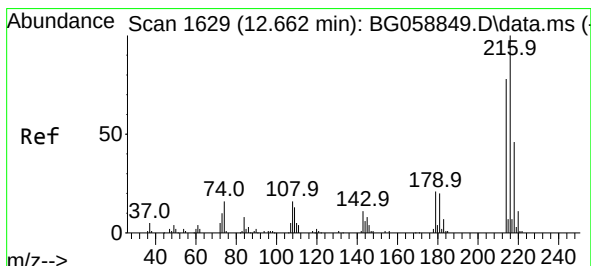
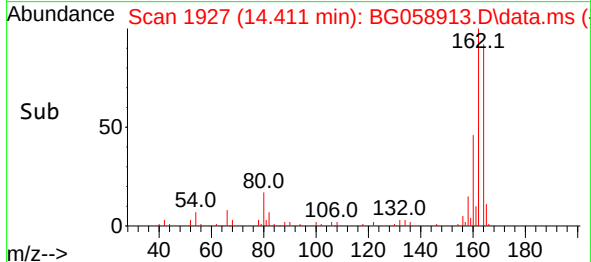
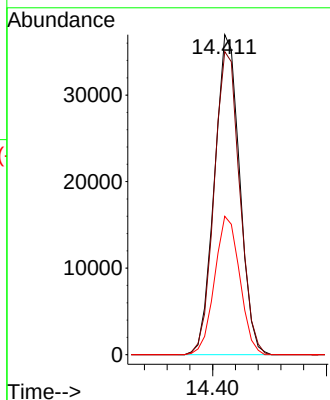
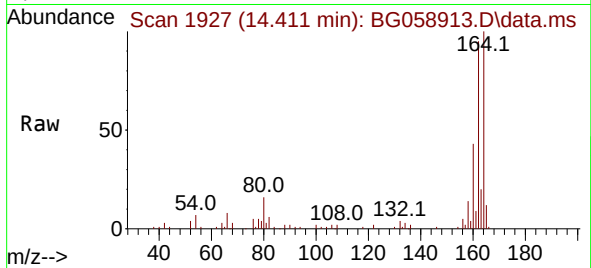




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.411 min Scan# 1619  
Delta R.T. -0.005 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

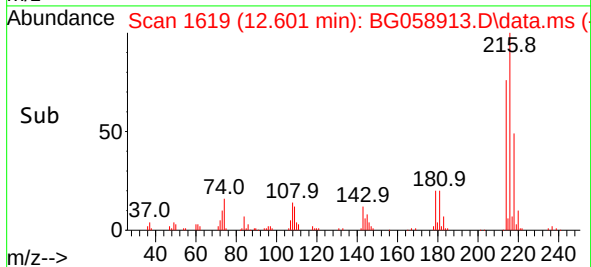
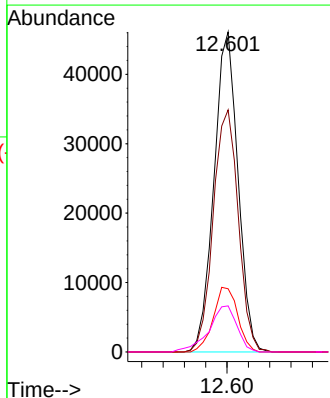
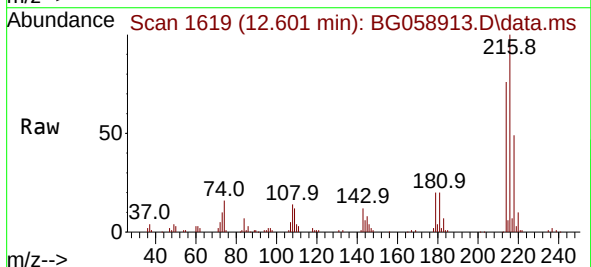
Instrument :  
BNA\_G  
ClientSampleId :  
OR-345-COMP-01MS

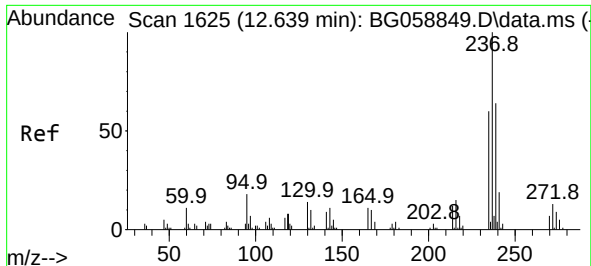
Tgt Ion:164 Resp: 56691  
Ion Ratio Lower Upper  
164 100  
162 94.7 79.6 119.4  
160 43.2 34.0 51.0



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 41.198 ng  
RT: 12.601 min Scan# 1619  
Delta R.T. 0.001 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

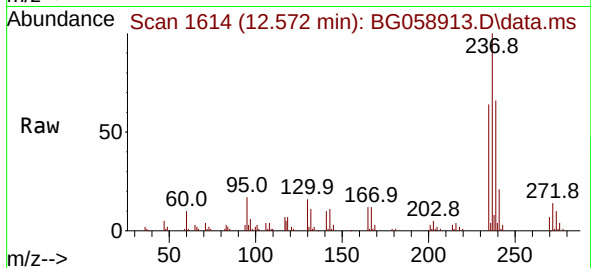
Tgt Ion:216 Resp: 72003  
Ion Ratio Lower Upper  
216 100  
214 78.8 64.0 96.0  
179 20.5 16.2 24.4  
108 16.9 13.3 19.9



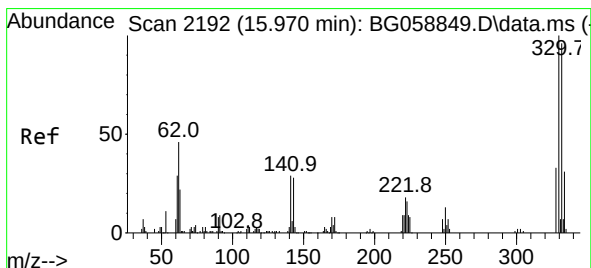
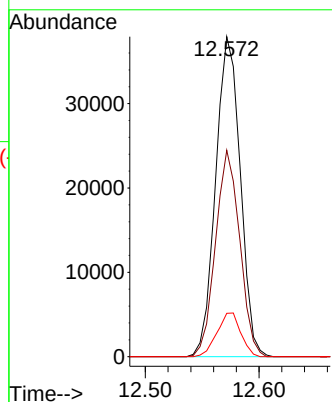
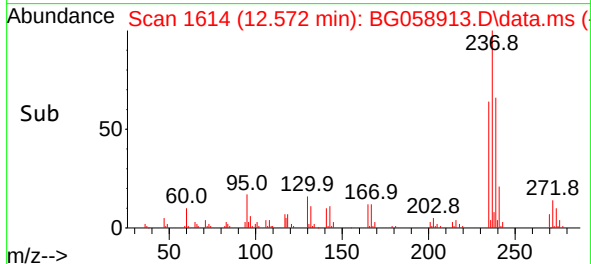


#41  
Hexachlorocyclopentadiene  
Concen: 82.672 ng  
RT: 12.572 min Scan# 1  
Delta R.T. -0.005 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

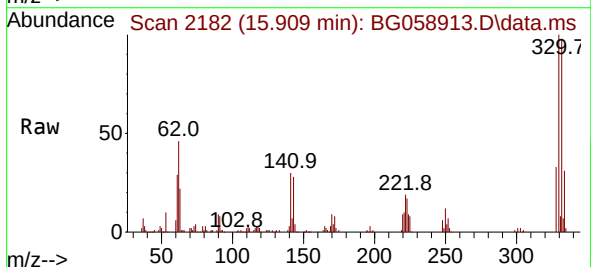
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BNA\_G  
ClientSampleId :  
OR-345-COMP-01MS



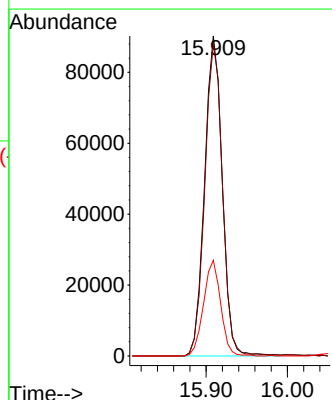
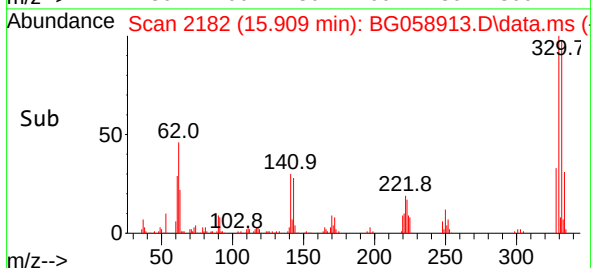
Tgt Ion:237 Resp: 57067  
Ion Ratio Lower Upper  
237 100  
235 64.5 41.5 81.5  
272 13.5 0.0 32.5



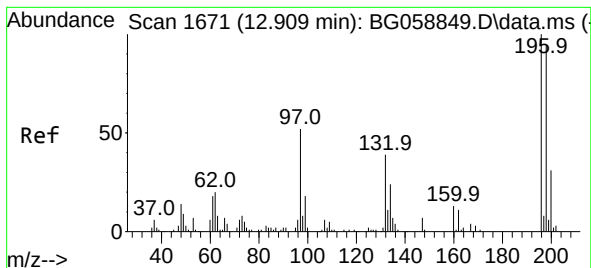
#42  
2,4,6-Tribromophenol  
Concen: 152.876 ng  
RT: 15.909 min Scan# 2182  
Delta R.T. -0.005 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57



Tgt Ion:330 Resp: 135892  
Ion Ratio Lower Upper  
330 100  
332 97.9 78.5 117.7  
141 29.0 23.0 34.6







#43

2,4,6-Trichlorophenol

Concen: 49.636 ng

RT: 12.848 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG058913.D

Acq: 31 Aug 2023 2:57

Instrument :

BNA\_G

ClientSampleId :

OR-345-COMP-01MS

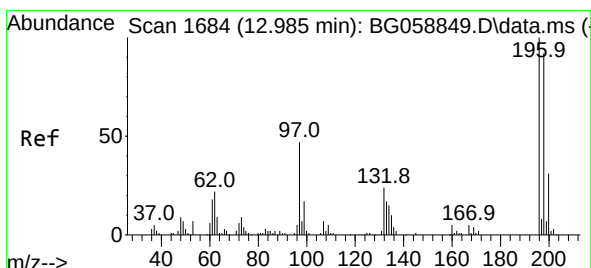
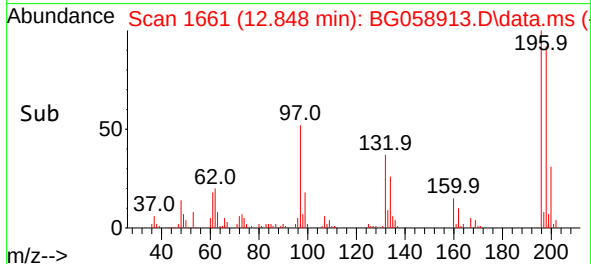
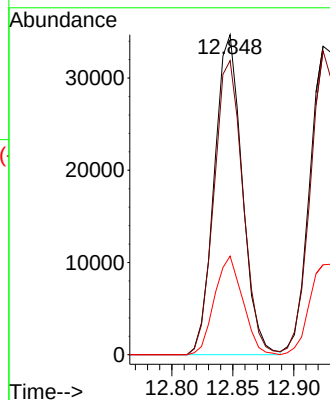
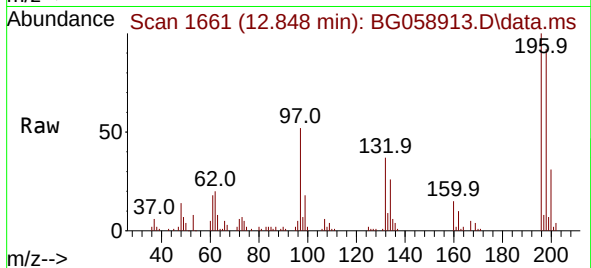
Tgt Ion:196 Resp: 55199

Ion Ratio Lower Upper

196 100

198 91.9 77.0 115.4

200 30.8 23.8 35.6



#44

2,4,5-Trichlorophenol

Concen: 44.238 ng

RT: 12.924 min Scan# 1674

Delta R.T. -0.005 min

Lab File: BG058913.D

Acq: 31 Aug 2023 2:57

Tgt Ion:196 Resp: 58912

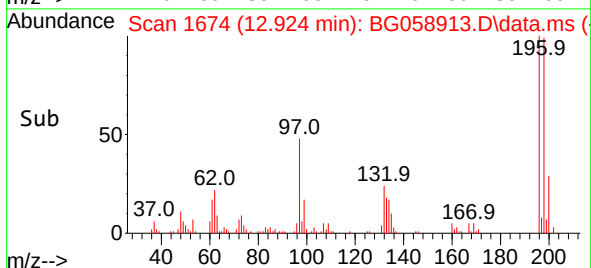
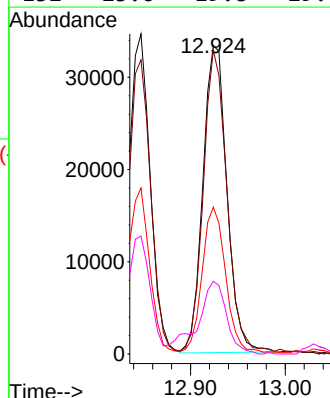
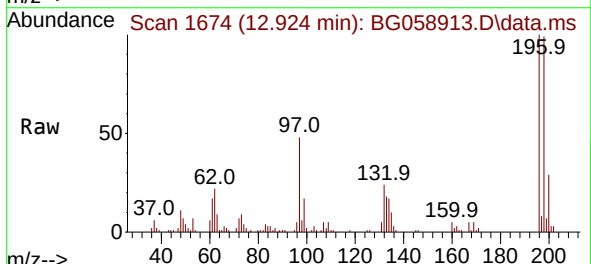
Ion Ratio Lower Upper

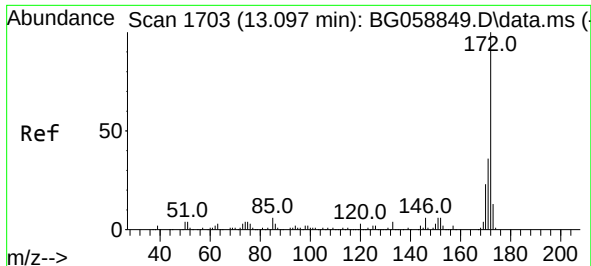
196 100

198 98.5 78.0 117.0

97 47.6 38.7 58.1

132 23.6 19.8 29.6

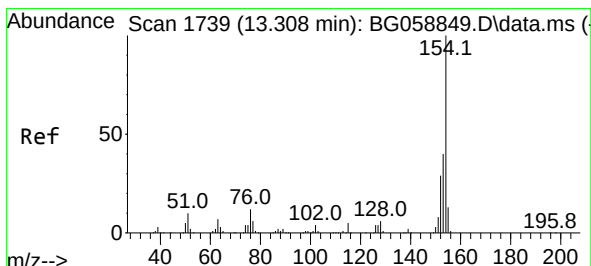
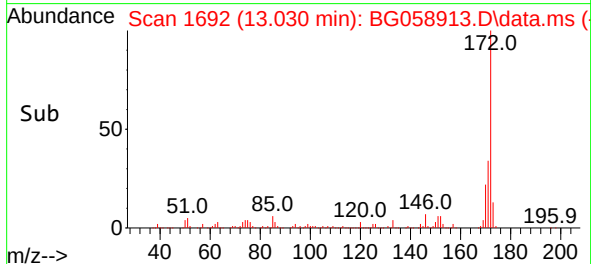
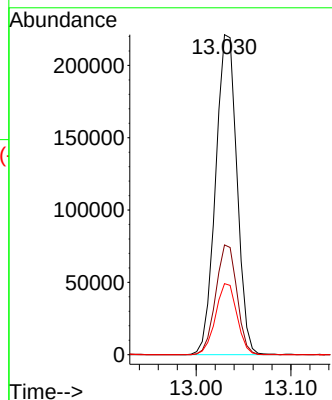
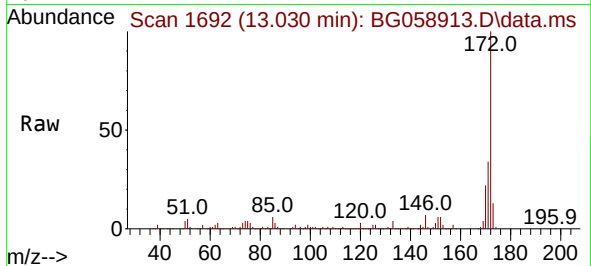




#45  
2-Fluorobiphenyl  
Concen: 88.812 ng  
RT: 13.030 min Scan# 1  
Delta R.T. -0.005 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

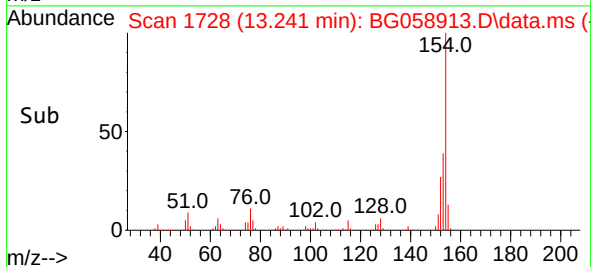
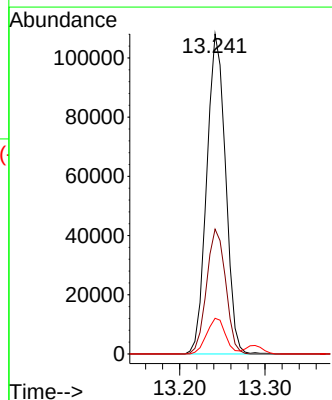
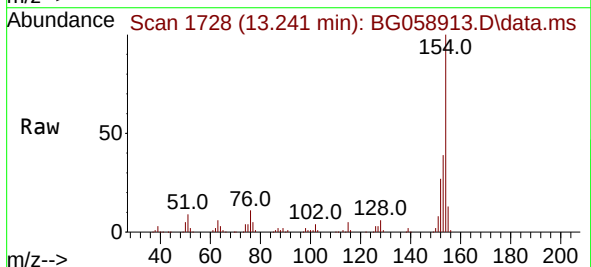
Instrument :  
BNA\_G  
ClientSampleId :  
OR-345-COMP-01MS

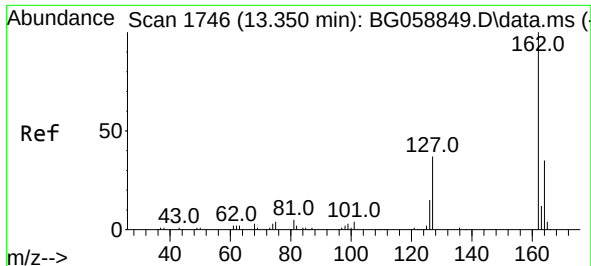
Tgt Ion:172 Resp: 346165  
Ion Ratio Lower Upper  
172 100  
171 34.3 28.1 42.1  
170 22.2 18.6 27.8



#46  
1,1'-Biphenyl  
Concen: 42.358 ng  
RT: 13.241 min Scan# 1728  
Delta R.T. -0.005 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

Tgt Ion:154 Resp: 165424  
Ion Ratio Lower Upper  
154 100  
153 39.0 21.7 61.7  
76 11.1 0.0 33.2

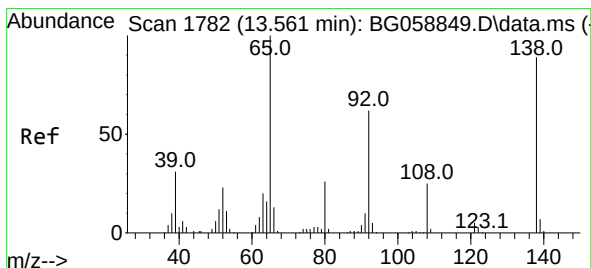
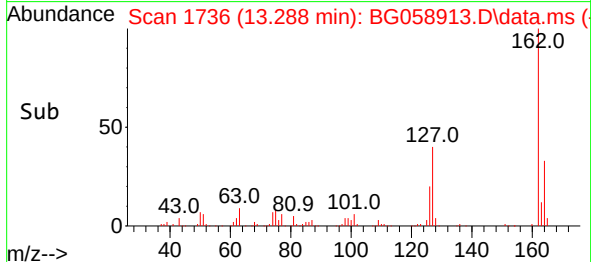
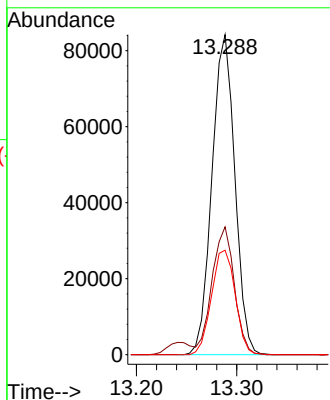
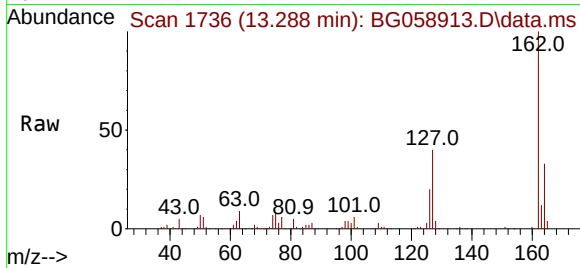




#47  
2-Chloronaphthalene  
Concen: 43.776 ng  
RT: 13.288 min Scan# 1736  
Delta R.T. -0.005 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

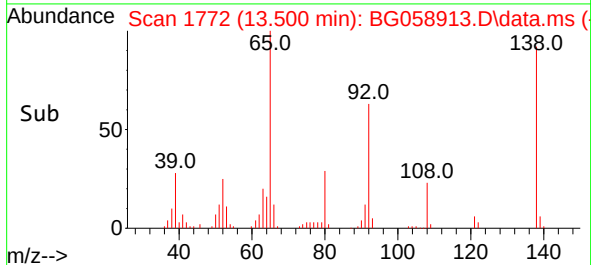
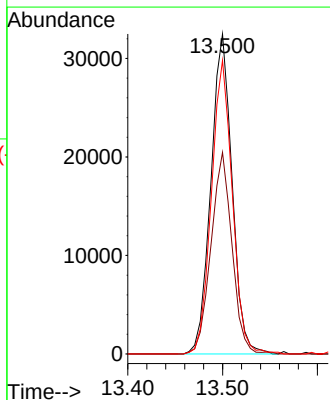
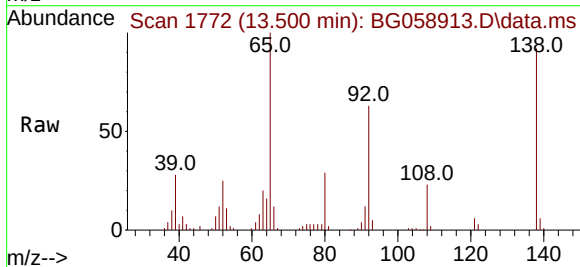
Instrument :  
BNA\_G  
ClientSampleId :  
OR-345-COMP-01MS

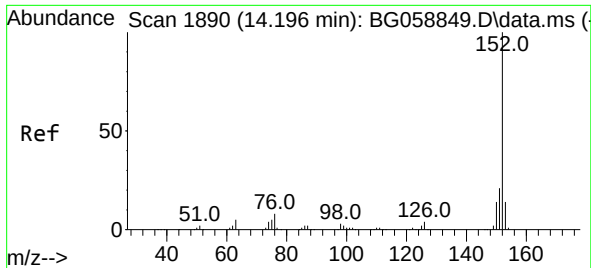
Tgt Ion:162 Resp: 133230  
Ion Ratio Lower Upper  
162 100  
127 40.0 31.5 47.3  
164 32.6 27.3 40.9



#48  
2-Nitroaniline  
Concen: 43.558 ng  
RT: 13.500 min Scan# 1772  
Delta R.T. -0.005 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

Tgt Ion: 65 Resp: 50348  
Ion Ratio Lower Upper  
65 100  
92 63.0 50.7 76.1  
138 91.8 70.7 106.1

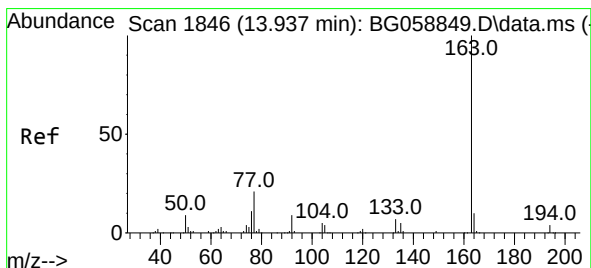
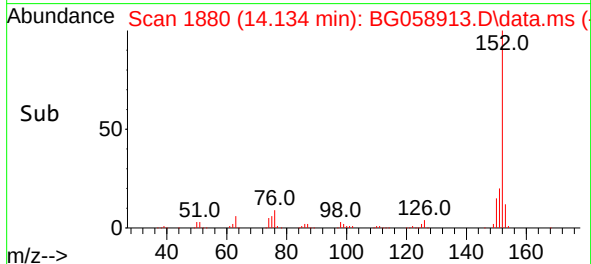
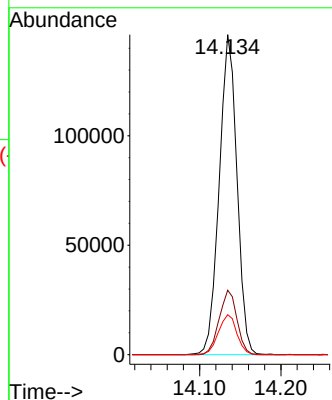
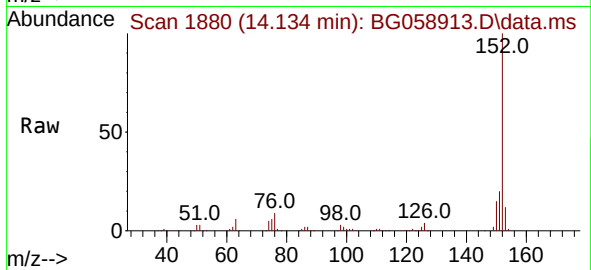




#49  
Acenaphthylene  
Concen: 44.004 ng  
RT: 14.134 min Scan# 1880  
Delta R.T. -0.005 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

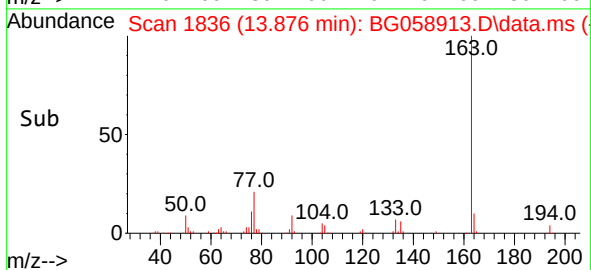
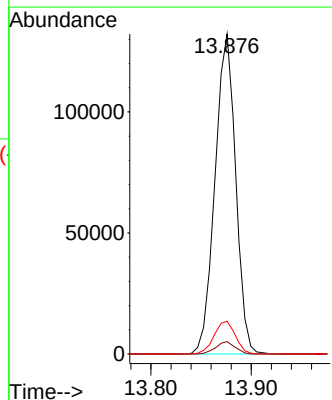
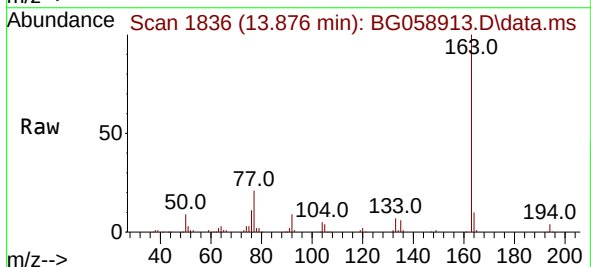
Instrument :  
BNA\_G  
ClientSampleId :  
OR-345-COMP-01MS

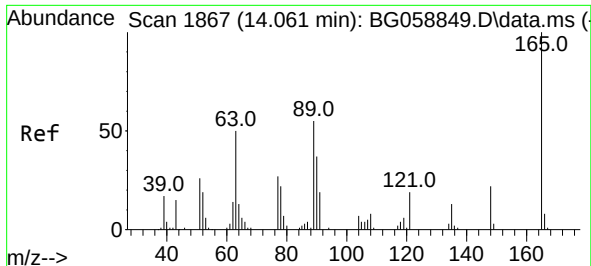
Tgt Ion:152 Resp: 222090  
Ion Ratio Lower Upper  
152 100  
151 20.1 16.9 25.3  
153 12.5 10.7 16.1



#50  
Dimethylphthalate  
Concen: 43.079 ng  
RT: 13.876 min Scan# 1836  
Delta R.T. -0.005 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

Tgt Ion:163 Resp: 189094  
Ion Ratio Lower Upper  
163 100  
194 3.9 2.7 4.1  
164 10.2 8.3 12.5

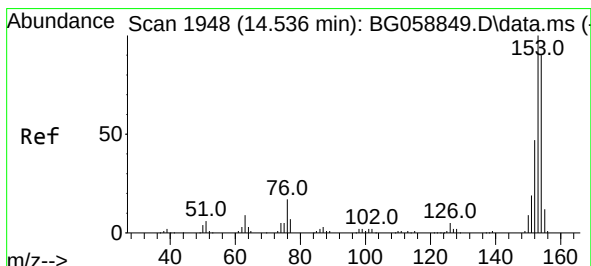
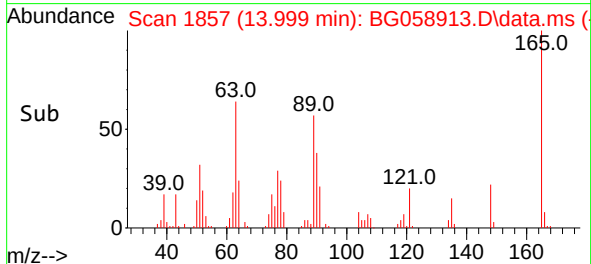
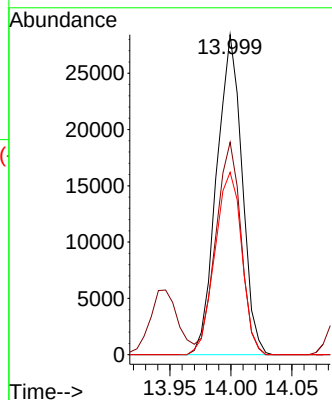
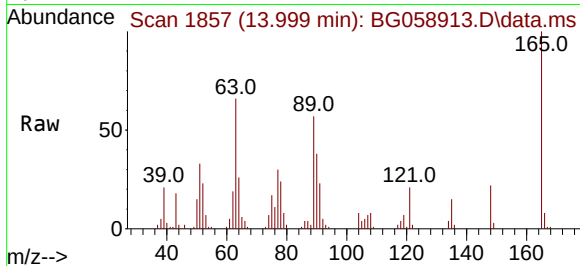




#51  
2,6-Dinitrotoluene  
Concen: 44.660 ng  
RT: 13.999 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

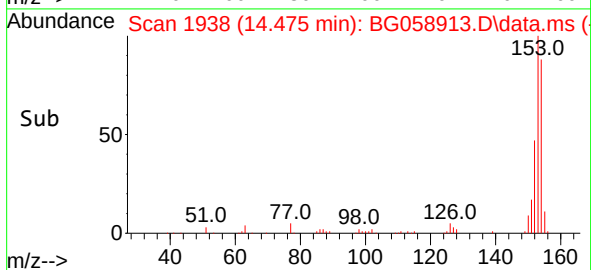
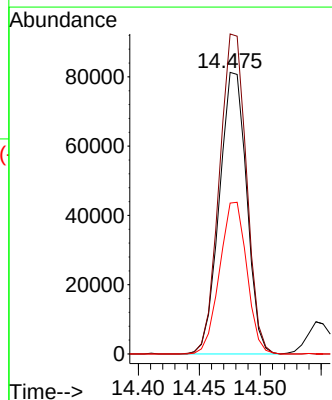
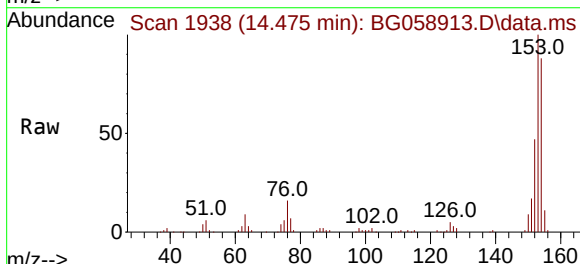
Instrument :  
BNA\_G  
ClientSampleId :  
OR-345-COMP-01MS

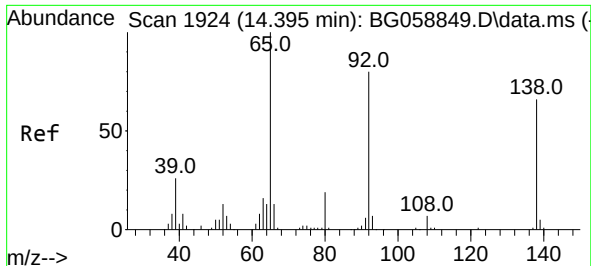
Tgt Ion:165 Resp: 41184  
Ion Ratio Lower Upper  
165 100  
63 66.4 47.2 70.8  
89 57.0 45.0 67.4



#52  
Acenaphthene  
Concen: 42.946 ng  
RT: 14.475 min Scan# 1938  
Delta R.T. -0.005 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

Tgt Ion:154 Resp: 126663  
Ion Ratio Lower Upper  
154 100  
153 113.6 92.7 139.1  
152 53.6 44.2 66.2

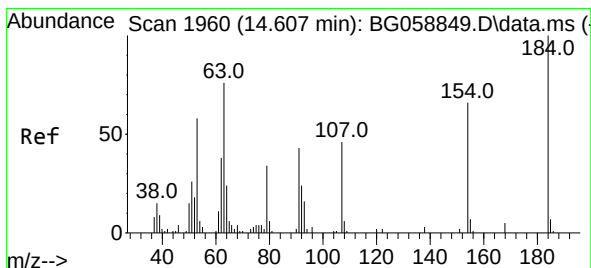
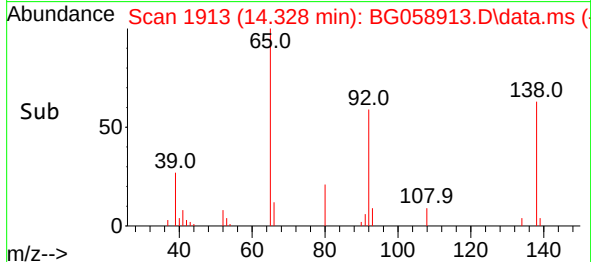
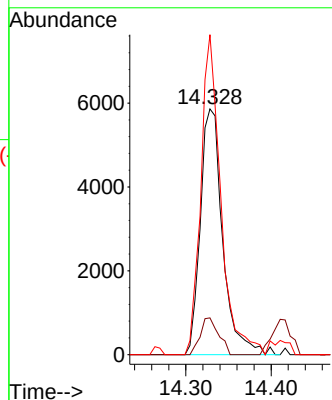
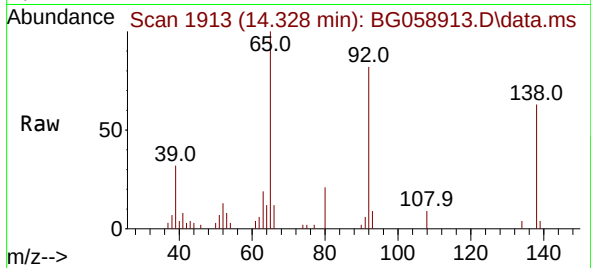




#53  
3-Nitroaniline  
Concen: 12.010 ng  
RT: 14.328 min Scan# 1913  
Delta R.T. -0.011 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

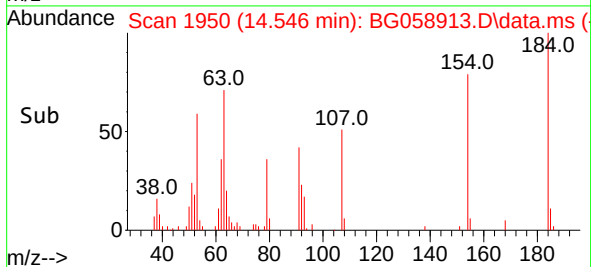
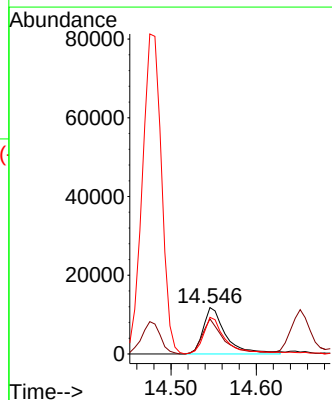
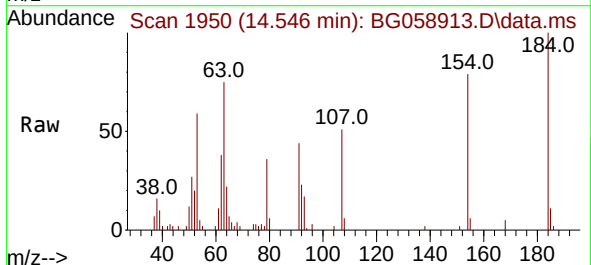
Instrument :  
BNA\_G  
ClientSampleId :  
OR-345-COMP-01MS

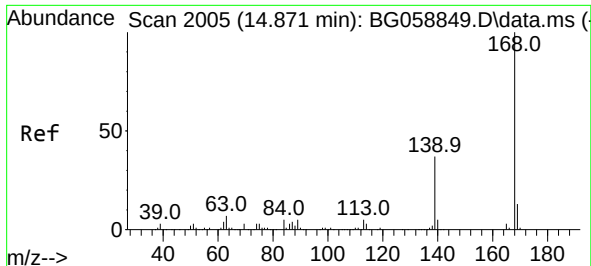
Tgt Ion:138 Resp: 10682  
Ion Ratio Lower Upper  
138 100  
108 14.9 11.8 17.8  
92 130.2 102.5 153.7



#54  
2,4-Dinitrophenol  
Concen: 45.391 ng  
RT: 14.546 min Scan# 1950  
Delta R.T. -0.005 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

Tgt Ion:184 Resp: 21715  
Ion Ratio Lower Upper  
184 100  
63 75.3 57.7 86.5  
154 78.7 51.8 77.6#

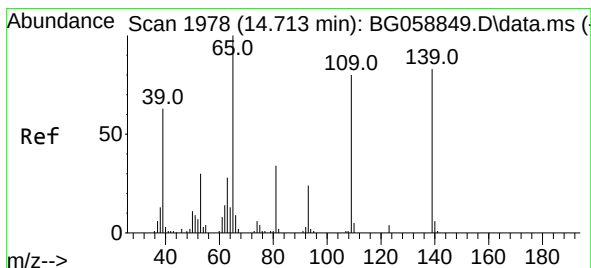
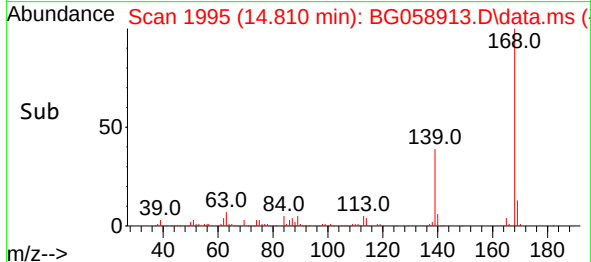
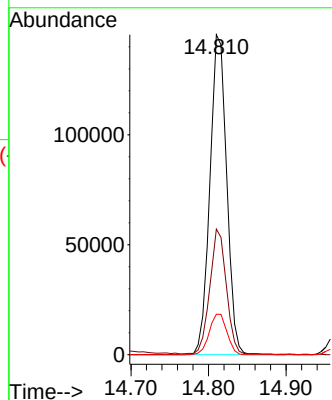
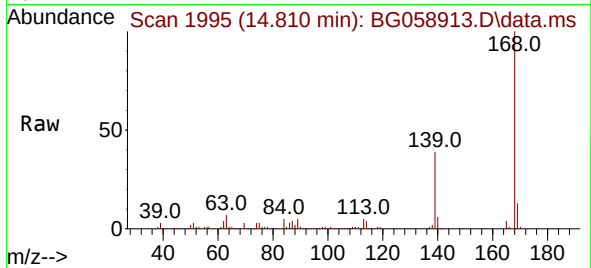




#55  
Dibenzofuran  
Concen: 42.941 ng  
RT: 14.810 min Scan# 1995  
Delta R.T. -0.005 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

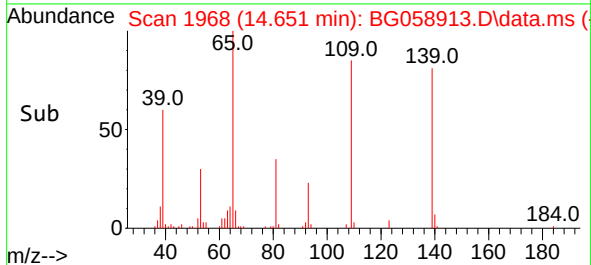
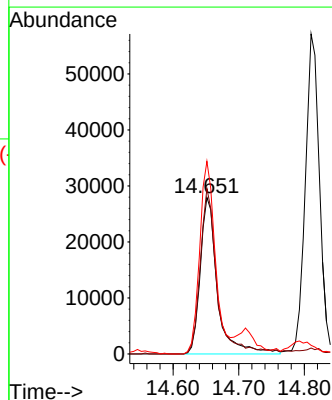
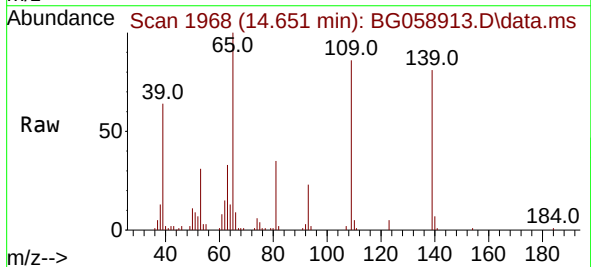
Instrument :  
BNA\_G  
ClientSampleId :  
OR-345-COMP-01MS

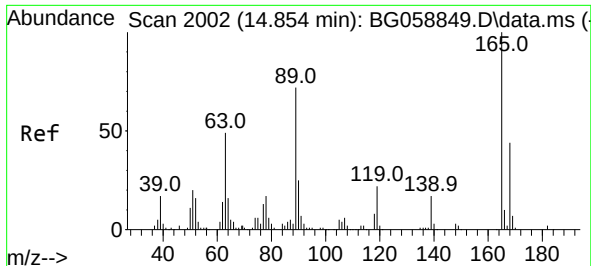
Tgt Ion:168 Resp: 218468  
Ion Ratio Lower Upper  
168 100  
139 39.3 30.4 45.6  
169 12.7 10.7 16.1



#56  
4-Nitrophenol  
Concen: 79.289 ng  
RT: 14.651 min Scan# 1968  
Delta R.T. -0.005 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

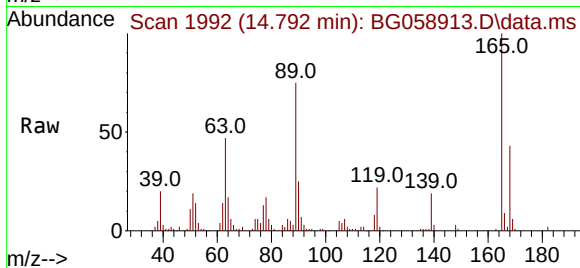
Tgt Ion:139 Resp: 50990  
Ion Ratio Lower Upper  
139 100  
109 105.7 71.9 111.9  
65 123.1 100.7 140.7



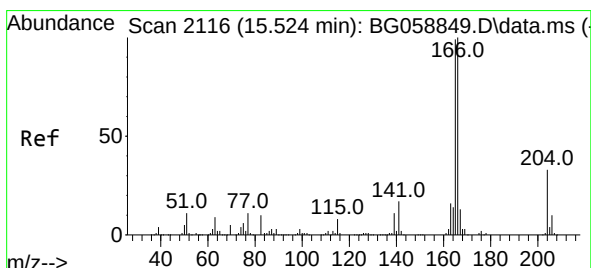
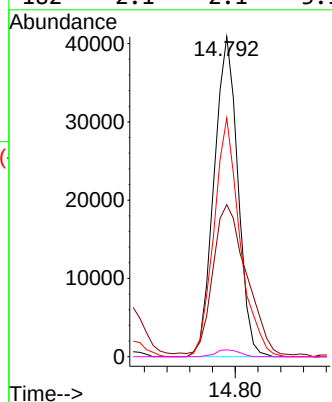
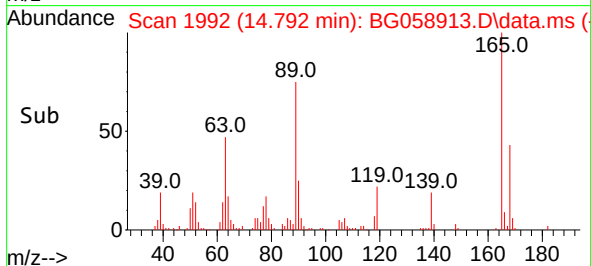


#57  
2,4-Dinitrotoluene  
Concen: 46.151 ng  
RT: 14.792 min Scan# 1992  
Delta R.T. -0.005 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

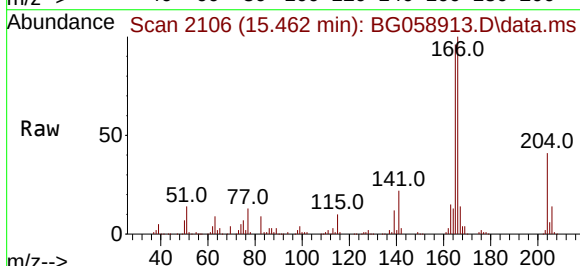
Instrument :  
BNA\_G  
ClientSampleId :  
OR-345-COMP-01MS



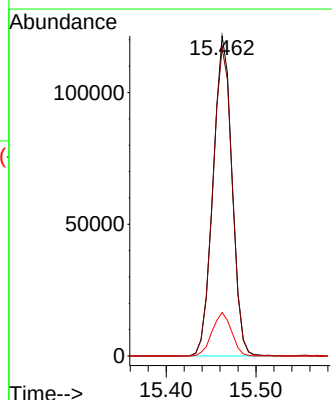
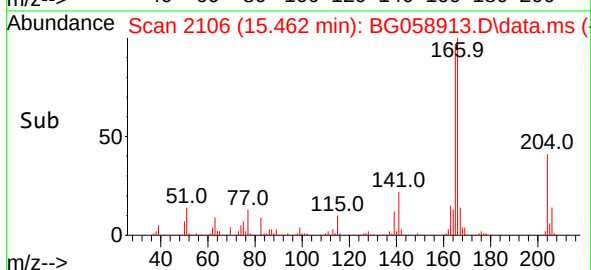
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 59360 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 47.5  | 41.8  | 62.6  |
| 89        | 74.6  | 60.7  | 91.1  |
| 182       | 2.1   | 2.1   | 3.1   |



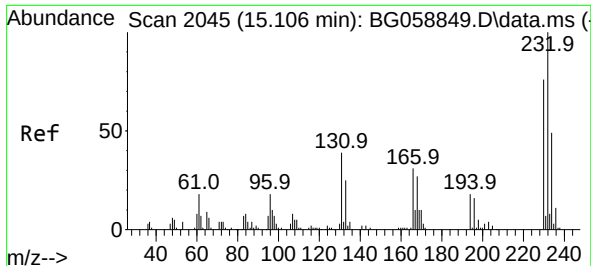
#58  
Fluorene  
Concen: 43.879 ng  
RT: 15.462 min Scan# 2106  
Delta R.T. -0.005 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 177662 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 96.3  | 79.9  | 119.9  |
| 167       | 13.6  | 10.7  | 16.1   |



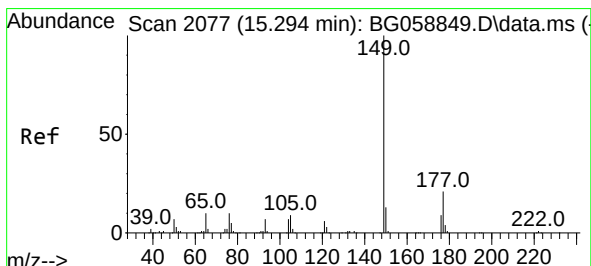
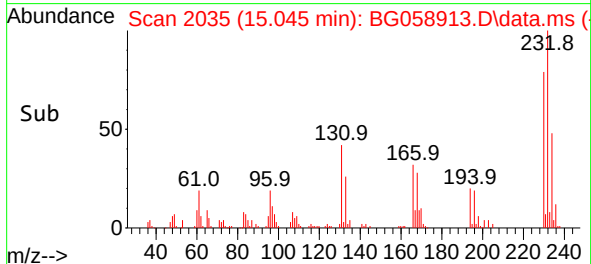
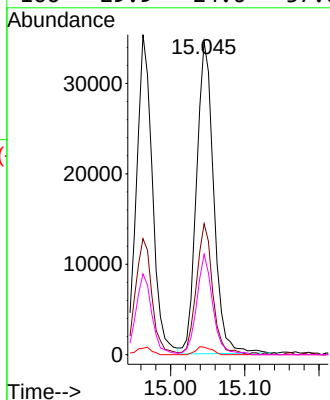
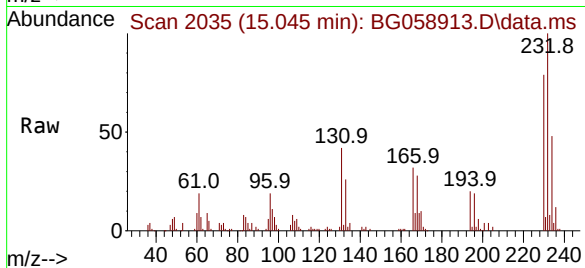




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 51.285 ng  
RT: 15.045 min Scan# 20  
Delta R.T. -0.005 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

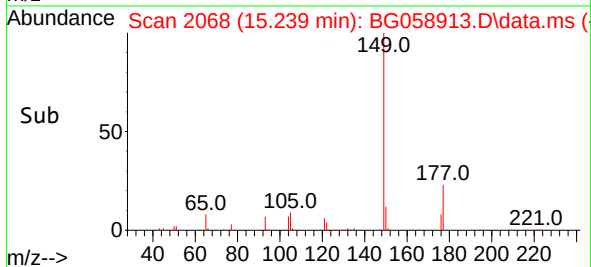
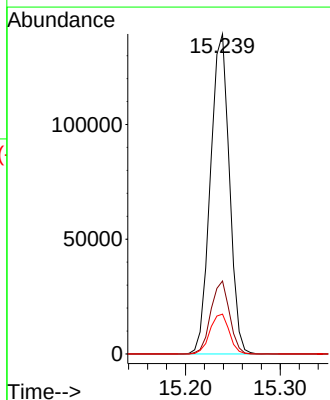
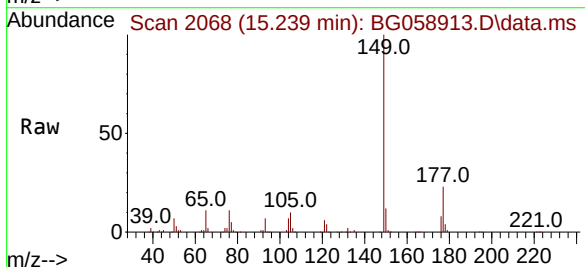
Instrument :  
BNA\_G  
ClientSampleId :  
OR-345-COMP-01MS

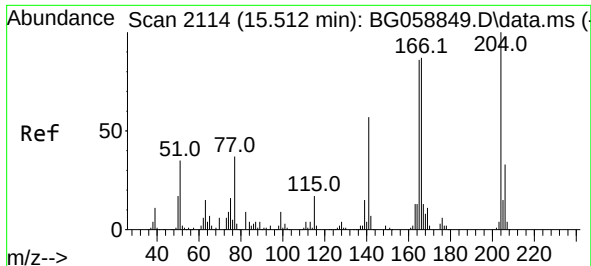
Tgt Ion:232 Resp: 55732  
Ion Ratio Lower Upper  
232 100  
131 39.7 33.9 50.9  
130 2.3 1.8 2.6  
166 29.9 24.6 37.0



#60  
Diethylphthalate  
Concen: 42.831 ng  
RT: 15.239 min Scan# 2068  
Delta R.T. -0.005 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

Tgt Ion:149 Resp: 193839  
Ion Ratio Lower Upper  
149 100  
177 22.8 18.2 27.2  
150 12.5 10.0 15.0

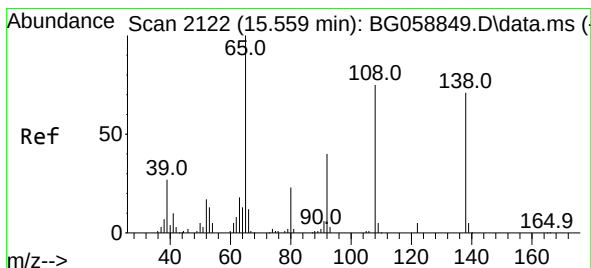
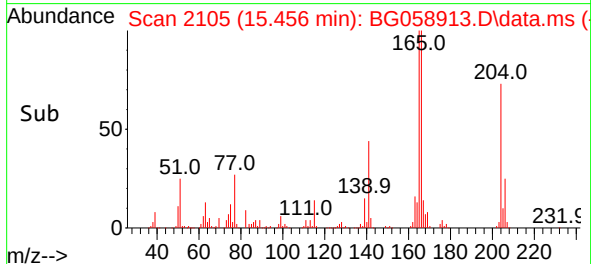
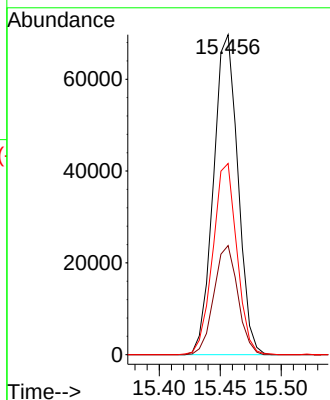
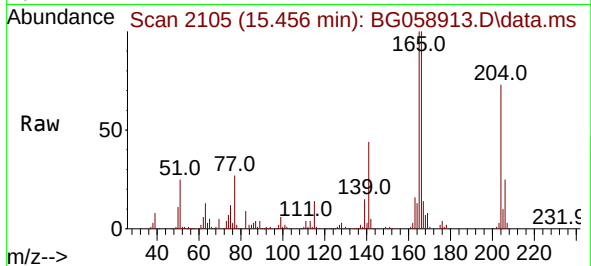




#61  
4-Chlorophenyl-phenylether  
Concen: 43.374 ng  
RT: 15.456 min Scan# 2114  
Delta R.T. 0.001 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

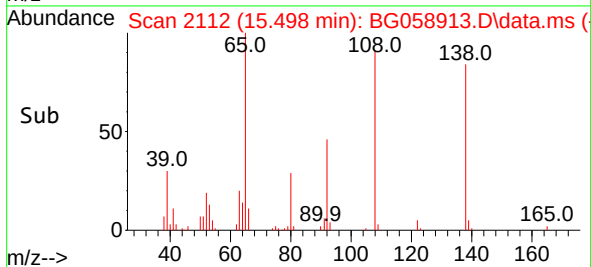
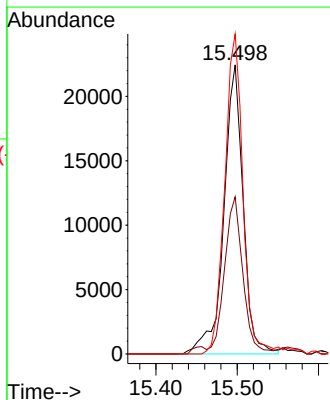
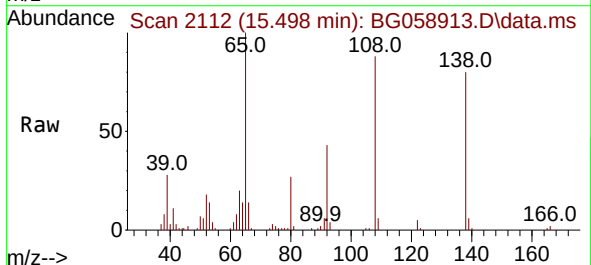
Instrument :  
BNA\_G  
ClientSampleId :  
OR-345-COMP-01MS

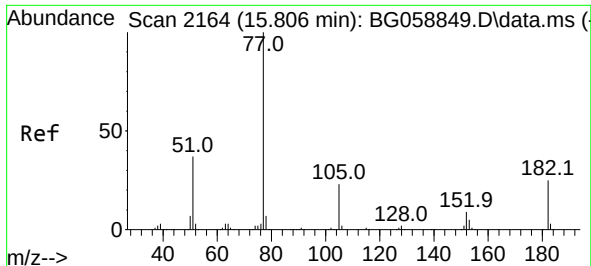
Tgt Ion:204 Resp: 97339  
Ion Ratio Lower Upper  
204 100  
206 34.1 25.6 38.4  
141 59.8 42.3 63.5



#62  
4-Nitroaniline  
Concen: 41.168 ng  
RT: 15.498 min Scan# 2112  
Delta R.T. -0.005 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

Tgt Ion:138 Resp: 37158  
Ion Ratio Lower Upper  
138 100  
92 54.4 36.4 76.4  
108 110.7 72.2 112.2

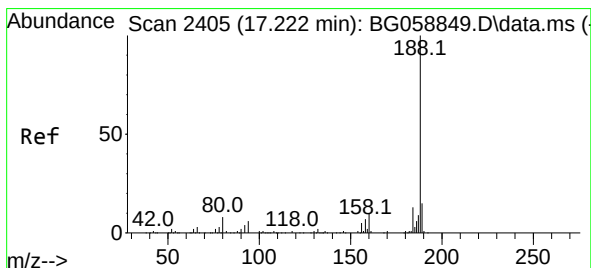
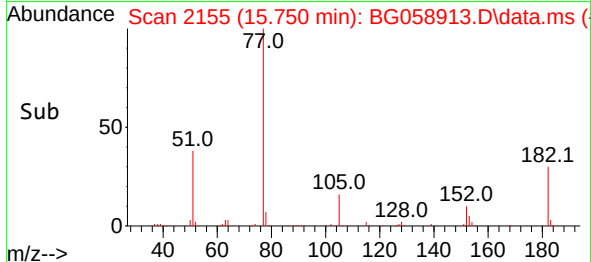
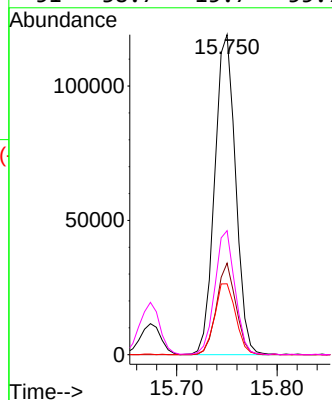
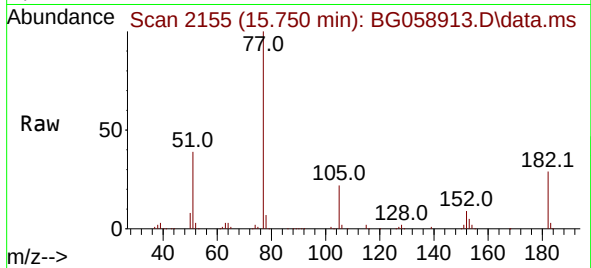




#63  
Azobenzene  
Concen: 41.352 ng  
RT: 15.750 min Scan# 2164  
Delta R.T. -0.005 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

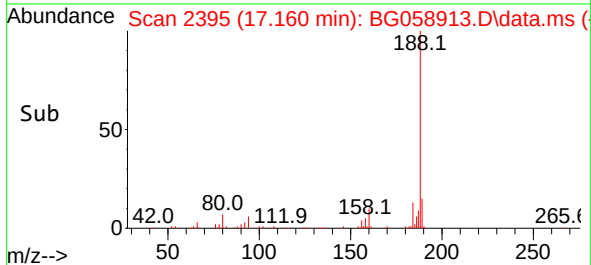
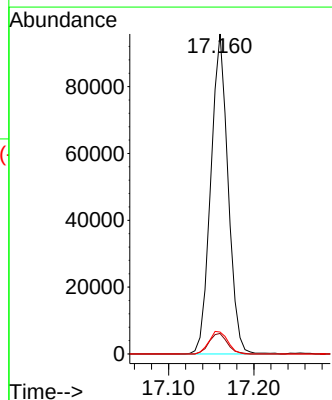
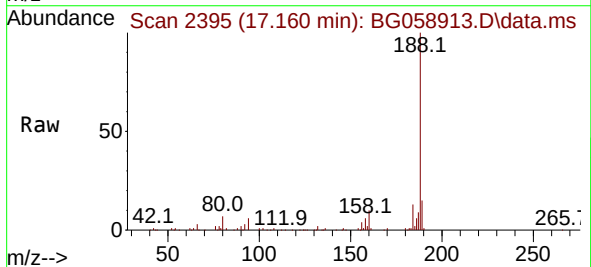
Instrument :  
BNA\_G  
ClientSampleId :  
OR-345-COMP-01MS

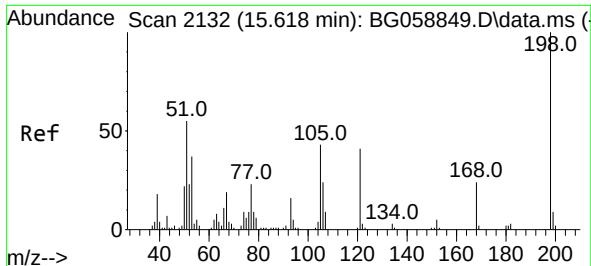
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 171841 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 28.6  | 4.9   | 44.9   |
| 105      | 22.1  | 2.8   | 42.8   |
| 51       | 38.7  | 15.7  | 55.7   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.160 min Scan# 2395  
Delta R.T. -0.005 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 134588 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 6.4   | 6.1   | 9.1    |
| 80       | 6.9   | 6.9   | 10.3   |

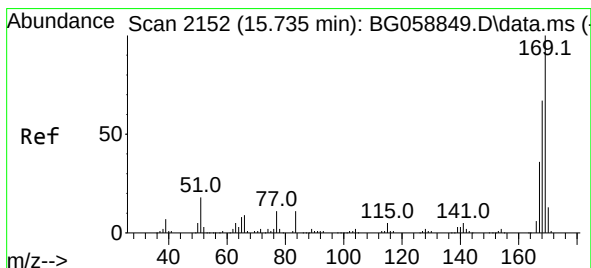
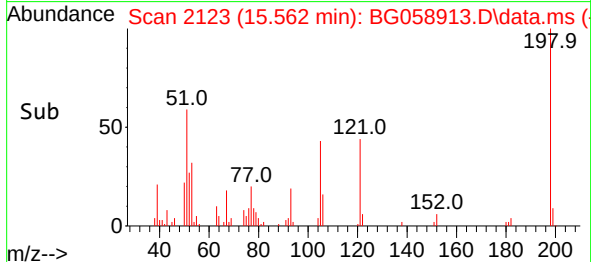
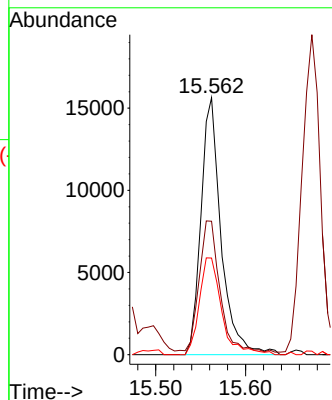
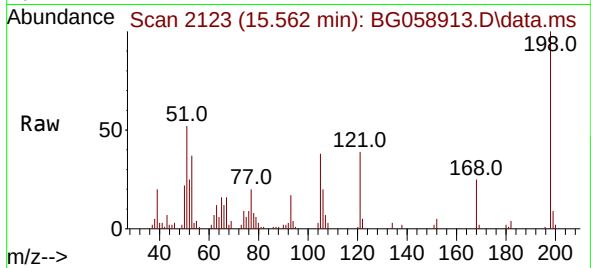




#65  
4,6-Dinitro-2-methylphenol  
Concen: 32.030 ng  
RT: 15.562 min Scan# 2132  
Delta R.T. -0.005 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

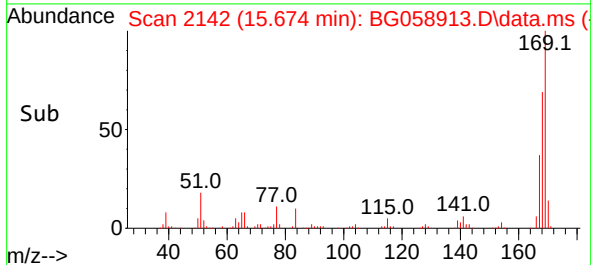
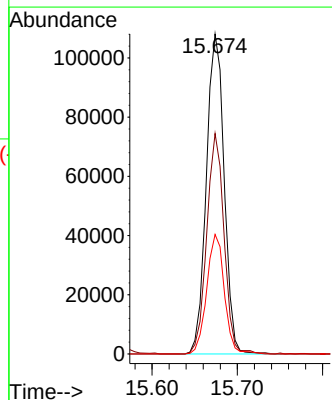
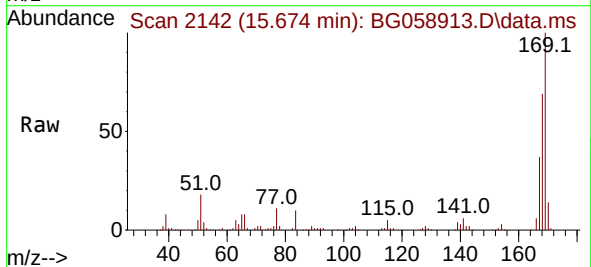
Instrument :  
BNA\_G  
ClientSampleId :  
OR-345-COMP-01MS

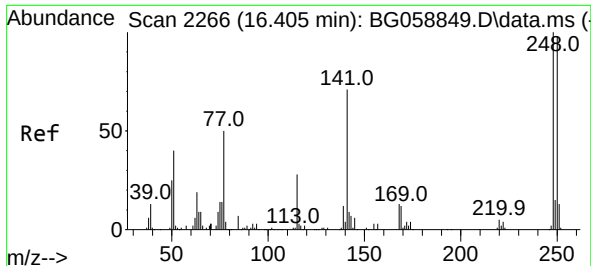
Tgt Ion:198 Resp: 24367  
Ion Ratio Lower Upper  
198 100  
51 51.9 31.3 71.3  
105 37.6 20.7 60.7



#66  
n-Nitrosodiphenylamine  
Concen: 45.141 ng  
RT: 15.674 min Scan# 2142  
Delta R.T. -0.005 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

Tgt Ion:169 Resp: 156586  
Ion Ratio Lower Upper  
169 100  
168 68.9 54.4 81.6  
167 37.4 31.4 47.0

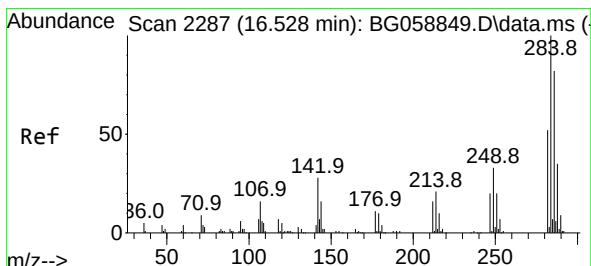
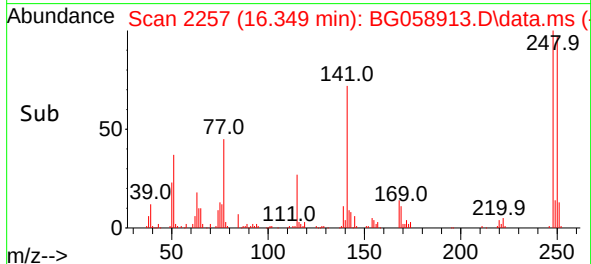
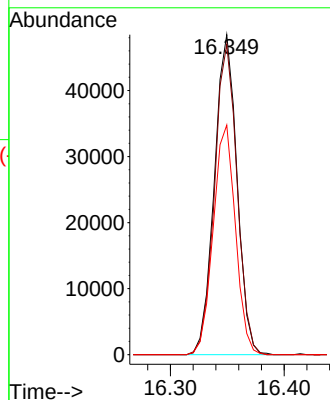
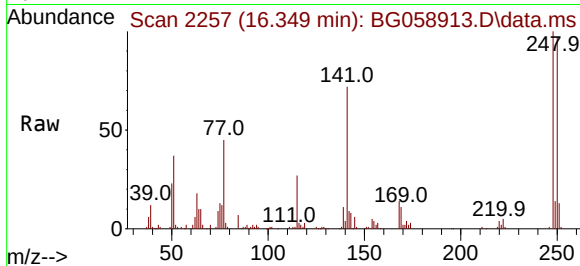




#67  
4-Bromophenyl-phenylether  
Concen: 45.333 ng  
RT: 16.349 min Scan# 21  
Delta R.T. -0.005 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

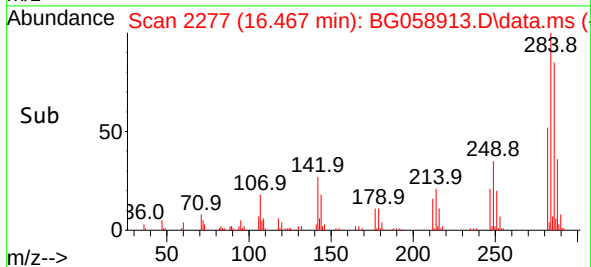
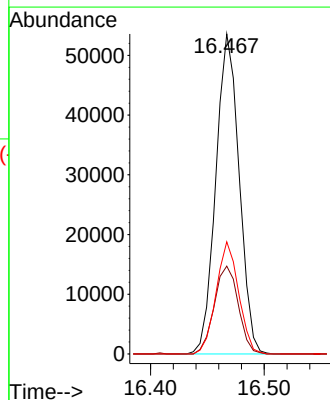
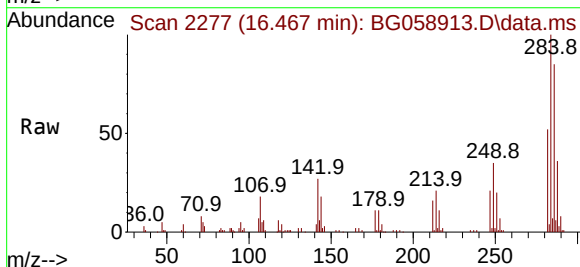
Instrument :  
BNA\_G  
ClientSampleId :  
OR-345-COMP-01MS

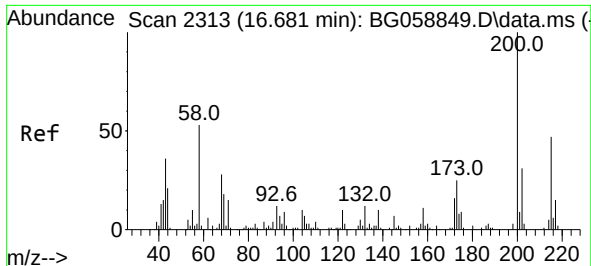
Tgt Ion:248 Resp: 66953  
Ion Ratio Lower Upper  
248 100  
250 97.0 77.7 116.5  
141 71.8 53.6 80.4



#68  
Hexachlorobenzene  
Concen: 48.052 ng  
RT: 16.467 min Scan# 2277  
Delta R.T. -0.005 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

Tgt Ion:284 Resp: 76381  
Ion Ratio Lower Upper  
284 100  
142 27.5 22.0 33.0  
249 35.0 27.2 40.8

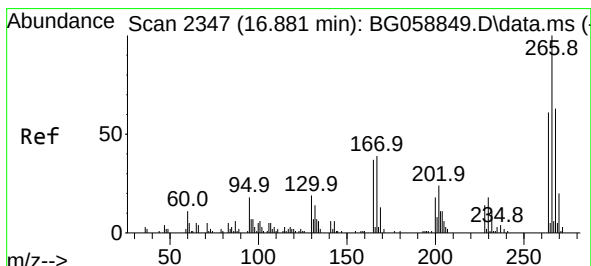
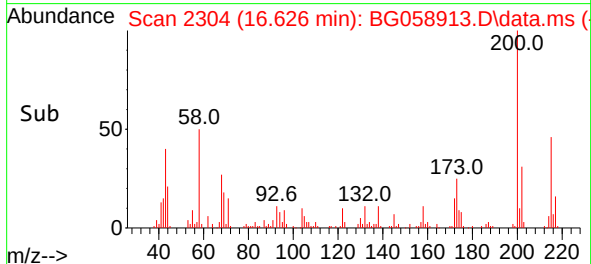
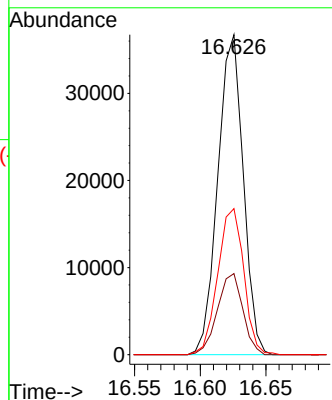
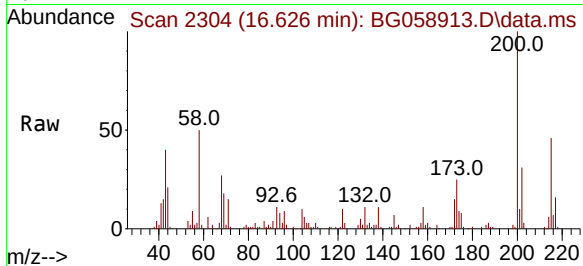




#69  
 Atrazine  
 Concen: 40.272 ng  
 RT: 16.626 min Scan# 21  
 Delta R.T. -0.005 min  
 Lab File: BG058913.D  
 Acq: 31 Aug 2023 2:57

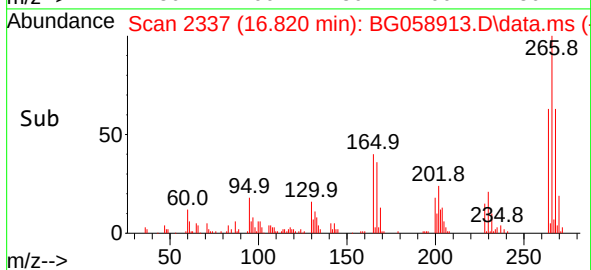
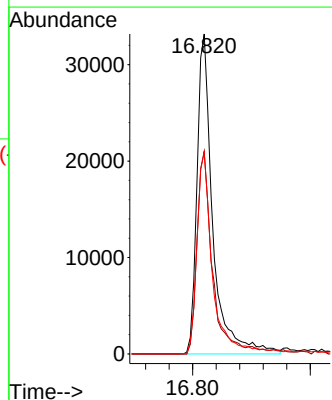
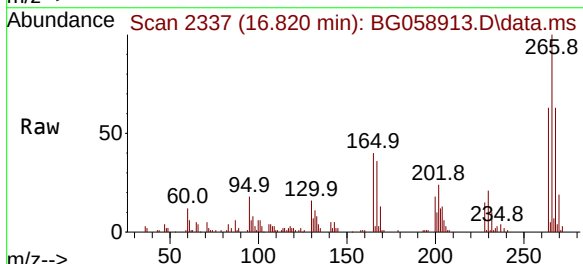
Instrument :  
 BNA\_G  
 ClientSampleId :  
 OR-345-COMP-01MS

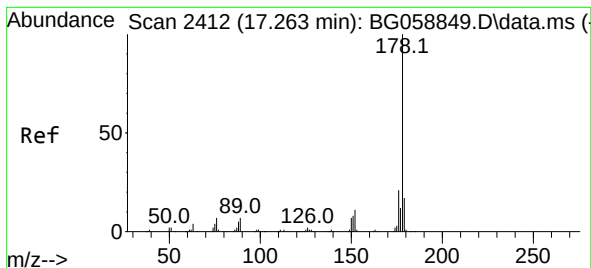
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 25.3  | 5.3   | 45.3  |
| 215     | 45.7  | 29.4  | 69.4  |



#70  
 Pentachlorophenol  
 Concen: 74.061 ng  
 RT: 16.820 min Scan# 2337  
 Delta R.T. -0.005 min  
 Lab File: BG058913.D  
 Acq: 31 Aug 2023 2:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.3  | 52.7  | 79.1  |
| 264     | 63.0  | 49.5  | 74.3  |





#71

Phenanthrene

Concen: 44.317 ng

RT: 17.201 min Scan# 2412

Delta R.T. -0.005 min

Lab File: BG058913.D

Acq: 31 Aug 2023 2:57

Instrument :

BNA\_G

ClientSampleId :

OR-345-COMP-01MS

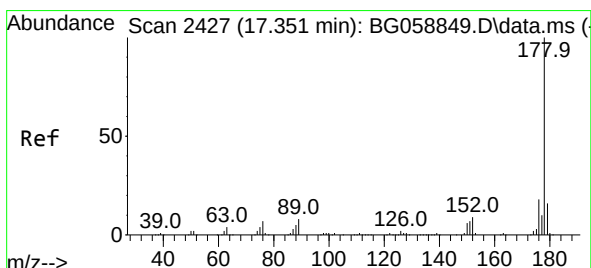
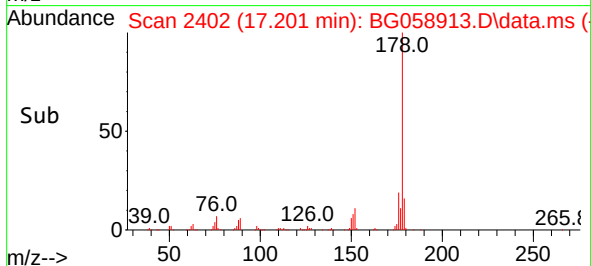
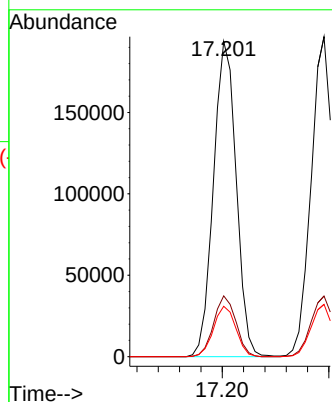
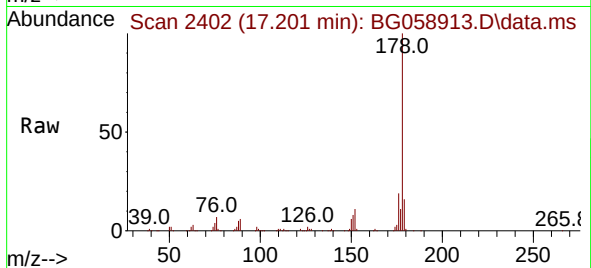
Tgt Ion:178 Resp: 286339

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

179 16.0 13.0 19.4



#72

Anthracene

Concen: 43.829 ng

RT: 17.295 min Scan# 2418

Delta R.T. -0.005 min

Lab File: BG058913.D

Acq: 31 Aug 2023 2:57

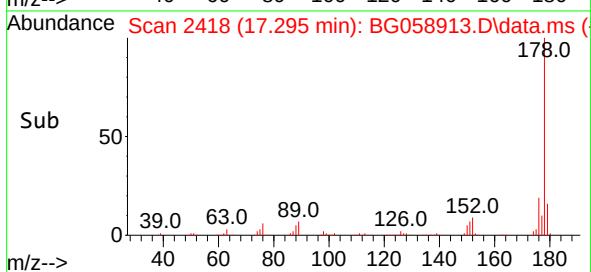
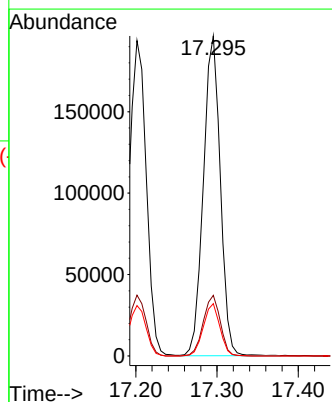
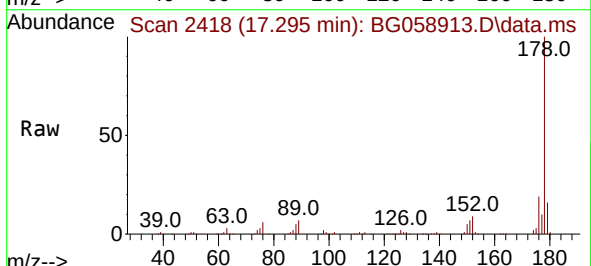
Tgt Ion:178 Resp: 284022

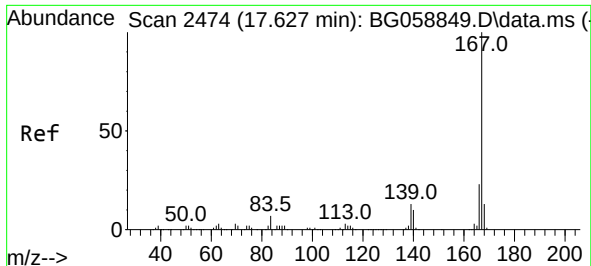
Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

179 16.4 12.9 19.3

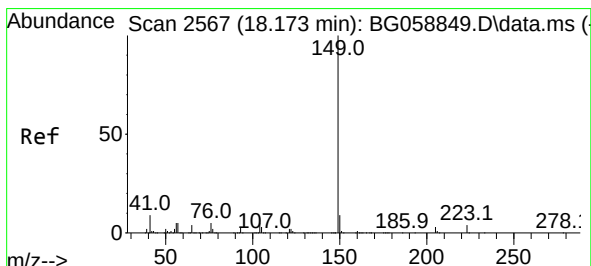
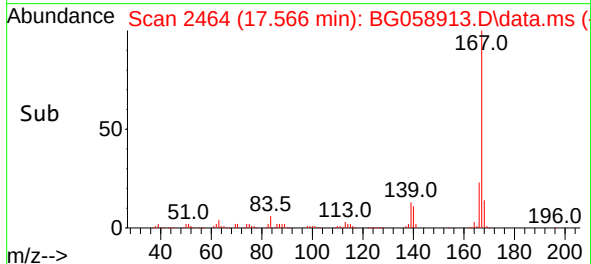
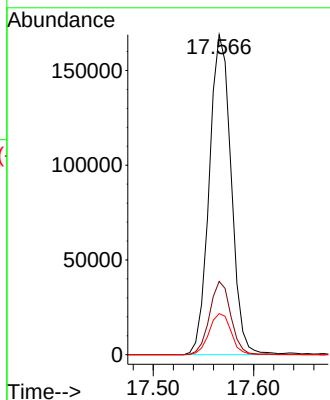
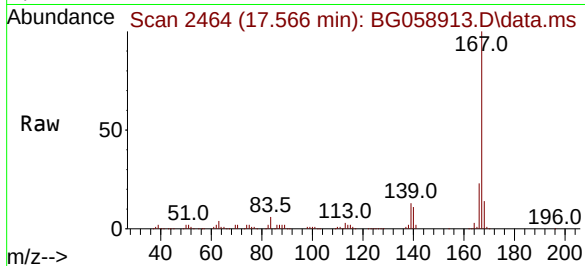




#73  
 Carbazole  
 Concen: 43.110 ng  
 RT: 17.566 min Scan# 2474  
 Delta R.T. -0.005 min  
 Lab File: BG058913.D  
 Acq: 31 Aug 2023 2:57

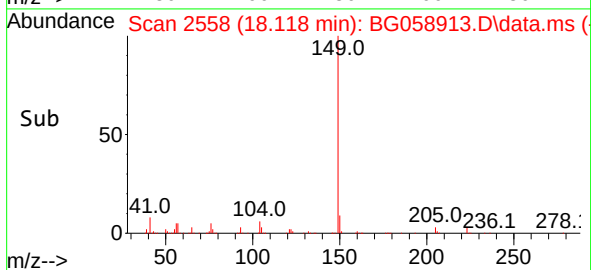
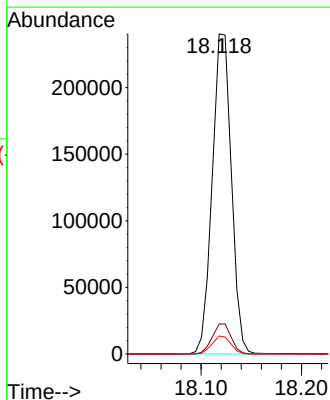
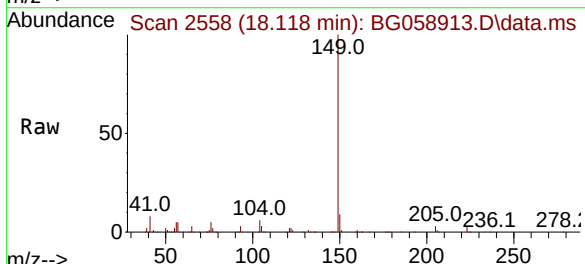
Instrument :  
 BNA\_G  
 ClientSampleId :  
 OR-345-COMP-01MS

Tgt Ion:167 Resp: 255826  
 Ion Ratio Lower Upper  
 167 100  
 166 22.9 17.4 26.2  
 139 12.9 9.7 14.5

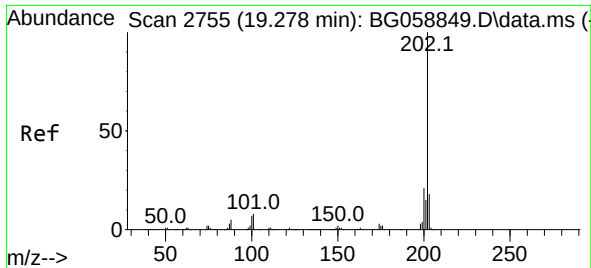


#74  
 Di-n-butylphthalate  
 Concen: 42.520 ng  
 RT: 18.118 min Scan# 2558  
 Delta R.T. -0.005 min  
 Lab File: BG058913.D  
 Acq: 31 Aug 2023 2:57

Tgt Ion:149 Resp: 318305  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.3 10.9  
 104 5.6 4.3 6.5



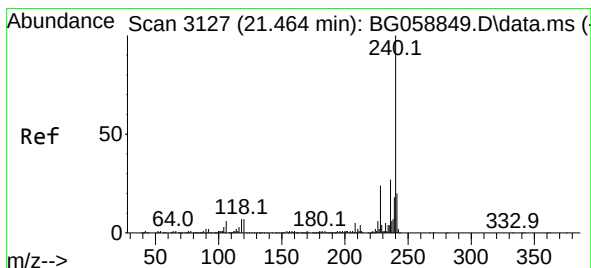
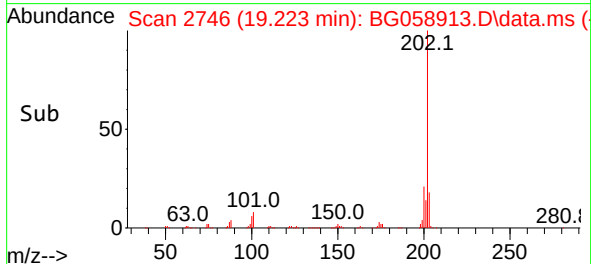
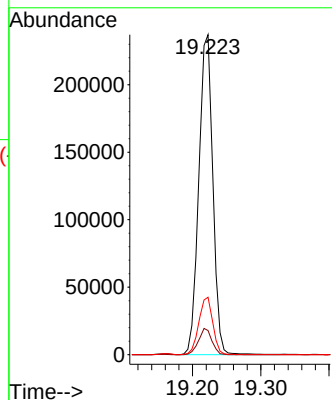
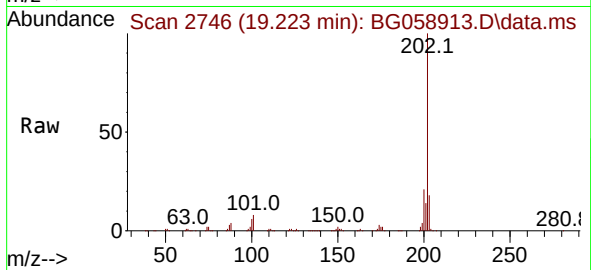




#75  
Fluoranthene  
Concen: 42.138 ng  
RT: 19.223 min Scan# 21  
Delta R.T. 0.001 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

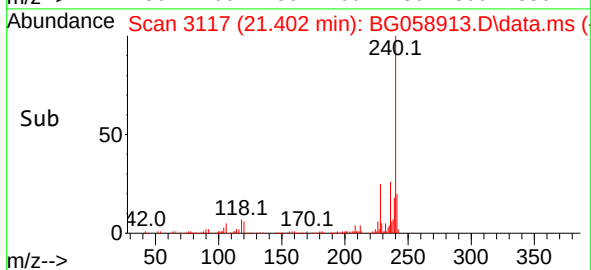
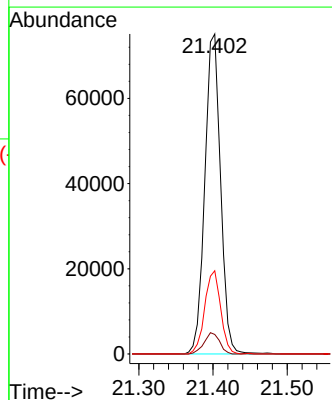
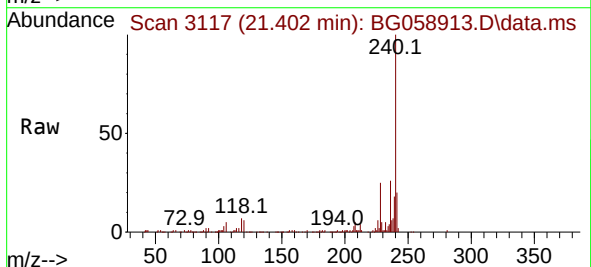
Instrument :  
BNA\_G  
ClientSampleId :  
OR-345-COMP-01MS

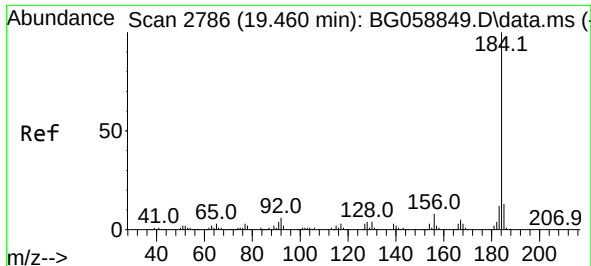
Tgt Ion:202 Resp: 337635  
Ion Ratio Lower Upper  
202 100  
101 7.5 0.0 29.7  
203 18.0 0.0 38.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.402 min Scan# 3117  
Delta R.T. -0.005 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

Tgt Ion:240 Resp: 110984  
Ion Ratio Lower Upper  
240 100  
120 6.1 6.2 9.2#  
236 26.0 20.5 30.7

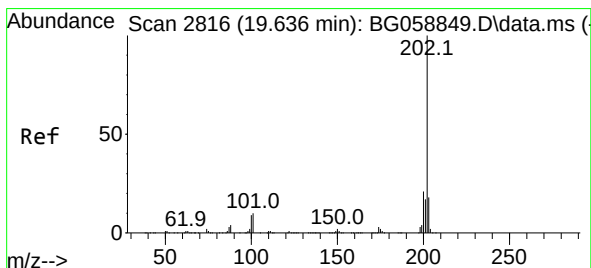
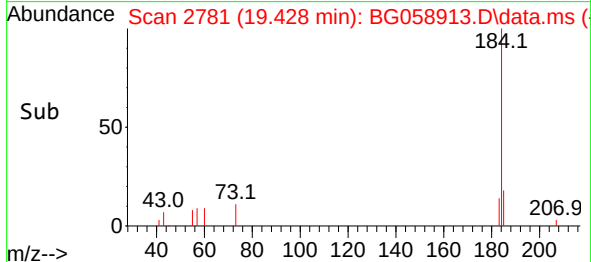
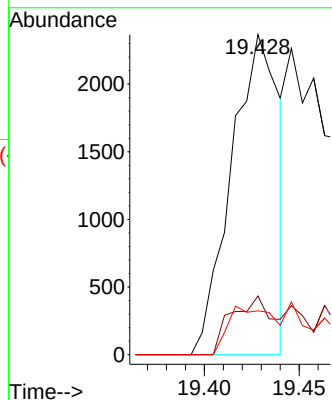
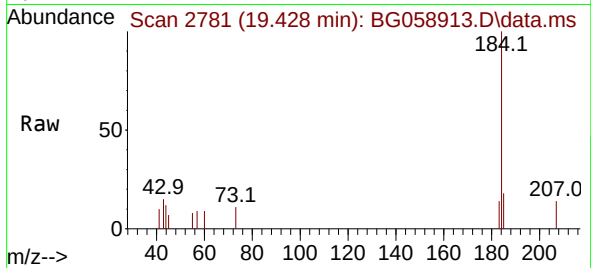




#77  
Benzidine  
Concen: 2.074 ng  
RT: 19.428 min Scan# 21  
Delta R.T. 0.018 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

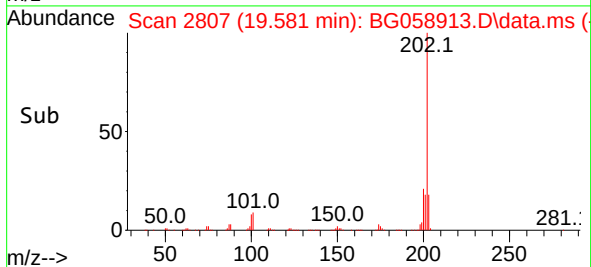
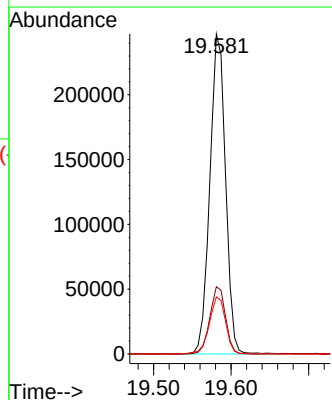
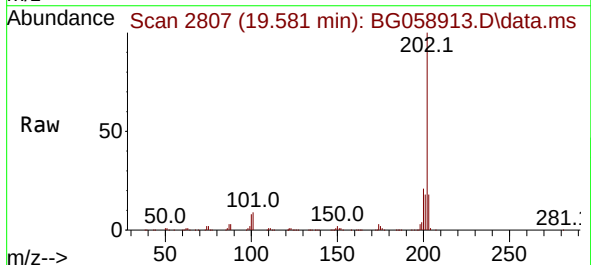
Instrument :  
BNA\_G  
ClientSampleId :  
OR-345-COMP-01MS

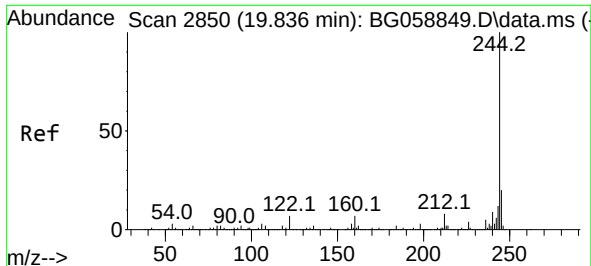
Tgt Ion:184 Resp: 4125  
Ion Ratio Lower Upper  
184 100  
185 18.3 11.9 17.9#  
183 13.7 10.0 15.0



#78  
Pyrene  
Concen: 44.887 ng  
RT: 19.581 min Scan# 2807  
Delta R.T. -0.005 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

Tgt Ion:202 Resp: 347113  
Ion Ratio Lower Upper  
202 100  
200 21.0 16.7 25.1  
203 17.8 15.3 22.9

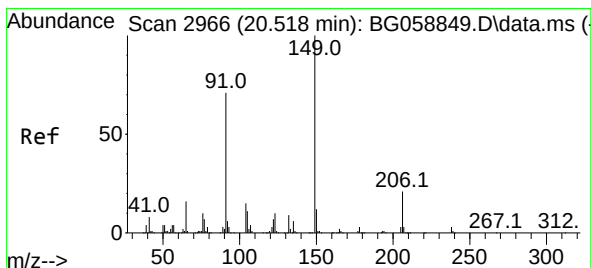
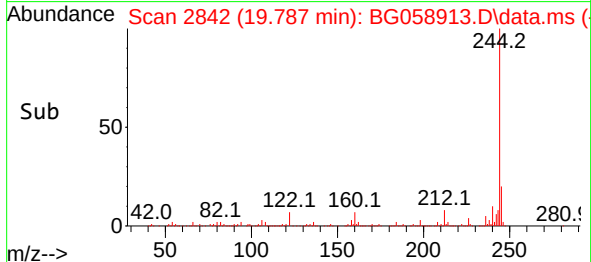
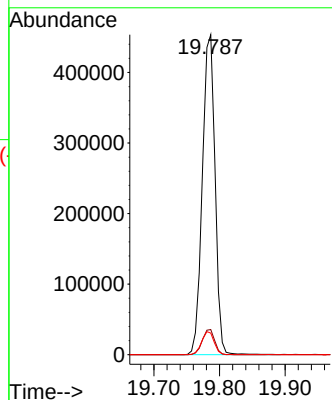
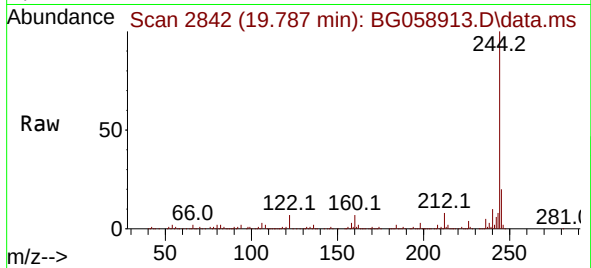




#79  
 Terphenyl-d14  
 Concen: 98.942 ng  
 RT: 19.787 min Scan# 21  
 Delta R.T. -0.005 min  
 Lab File: BG058913.D  
 Acq: 31 Aug 2023 2:57

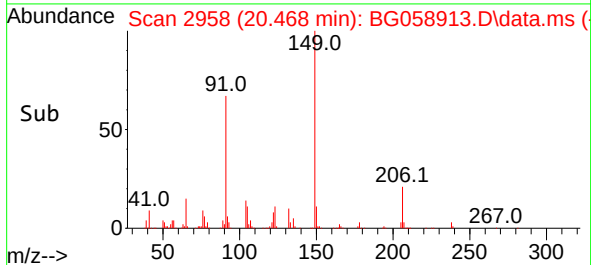
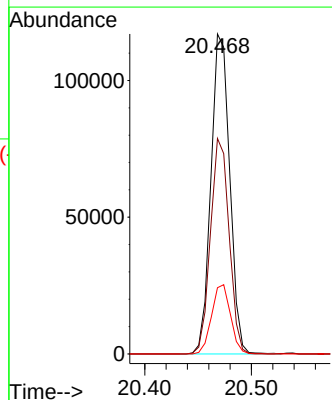
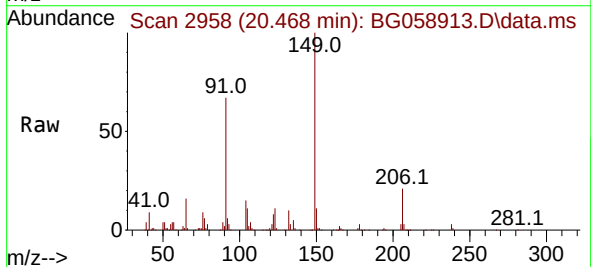
Instrument :  
 BNA\_G  
 ClientSampleId :  
 OR-345-COMP-01MS

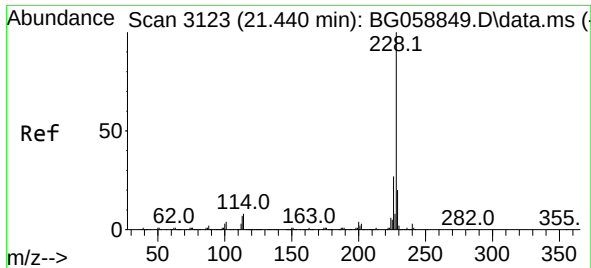
Tgt Ion:244 Resp: 611551  
 Ion Ratio Lower Upper  
 244 100  
 212 7.9 6.2 9.2  
 122 6.8 6.3 9.5



#80  
 Butylbenzylphthalate  
 Concen: 45.559 ng  
 RT: 20.468 min Scan# 2958  
 Delta R.T. -0.005 min  
 Lab File: BG058913.D  
 Acq: 31 Aug 2023 2:57

Tgt Ion:149 Resp: 142884  
 Ion Ratio Lower Upper  
 149 100  
 91 67.3 55.0 82.4  
 206 20.7 17.6 26.4

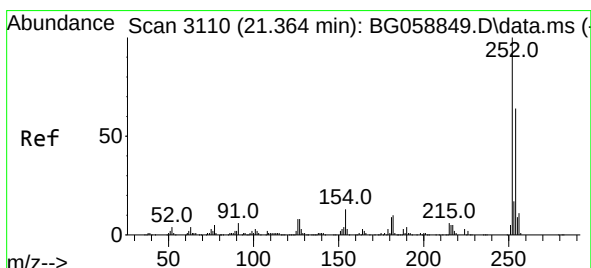
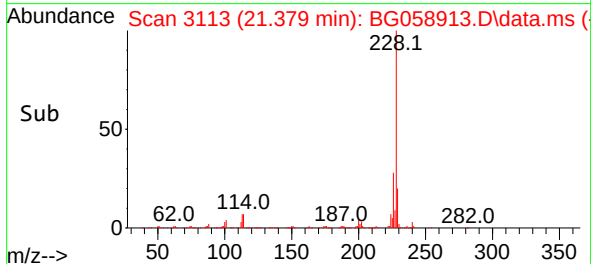
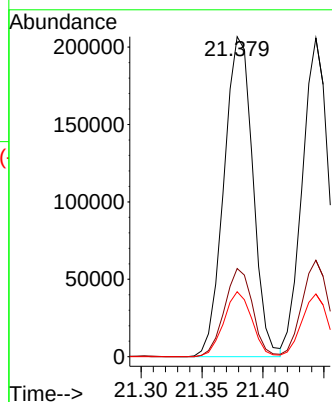
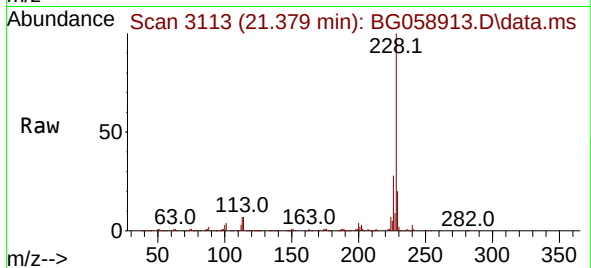




#81  
Benzo(a)anthracene  
Concen: 44.263 ng  
RT: 21.379 min Scan# 3113  
Delta R.T. -0.005 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

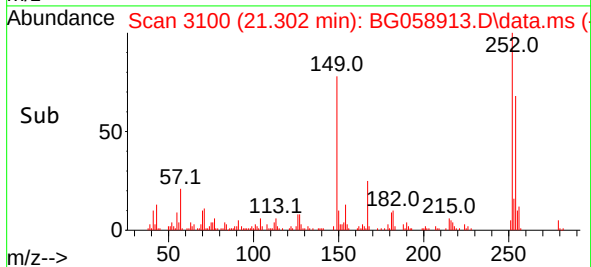
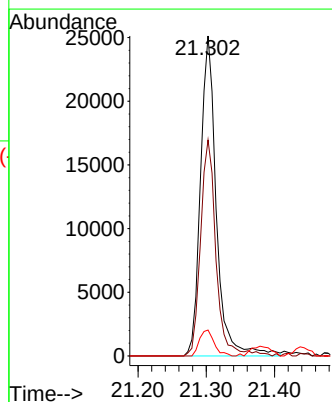
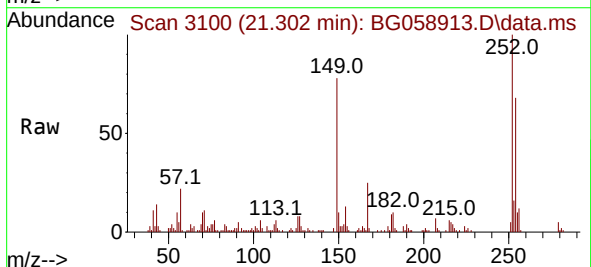
Instrument :  
BNA\_G  
ClientSampleId :  
OR-345-COMP-01MS

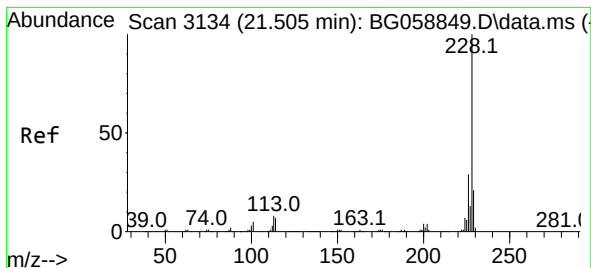
Tgt Ion:228 Resp: 341958  
Ion Ratio Lower Upper  
228 100  
226 27.6 22.6 33.8  
229 20.3 16.8 25.2



#82  
3,3'-Dichlorobenzidine  
Concen: 15.220 ng  
RT: 21.302 min Scan# 3100  
Delta R.T. -0.005 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

Tgt Ion:252 Resp: 40595  
Ion Ratio Lower Upper  
252 100  
254 67.5 51.8 77.6  
126 8.1 6.6 9.8





#83

Chrysene

Concen: 41.807 ng

RT: 21.443 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG058913.D

Acq: 31 Aug 2023 2:57

Instrument :

BNA\_G

ClientSampleId :

OR-345-COMP-01MS

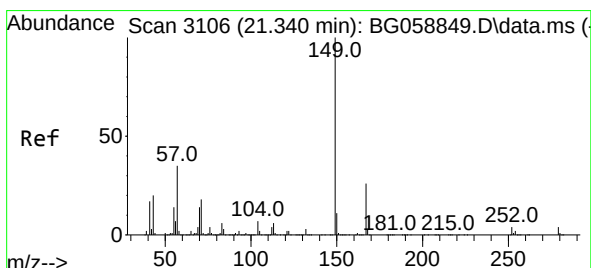
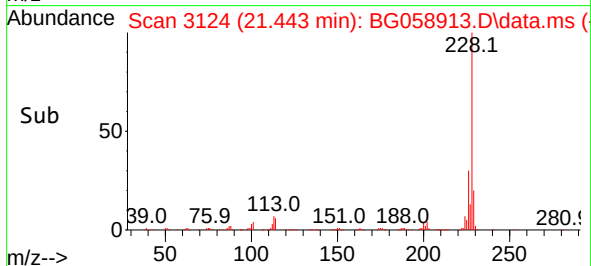
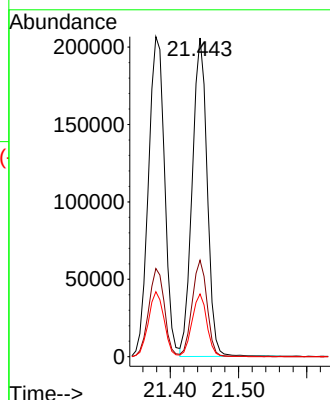
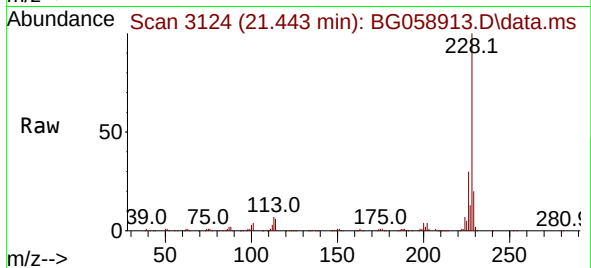
Tgt Ion:228 Resp: 311315

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

229 19.7 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.858 ng

RT: 21.285 min Scan# 3097

Delta R.T. -0.005 min

Lab File: BG058913.D

Acq: 31 Aug 2023 2:57

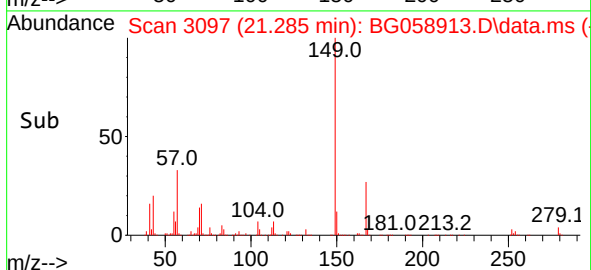
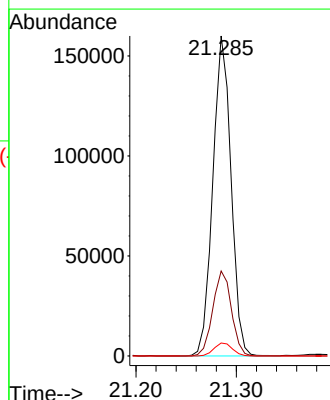
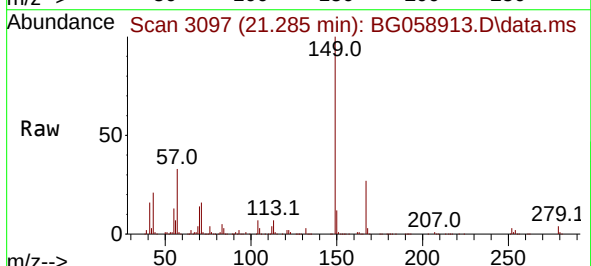
Tgt Ion:149 Resp: 201741

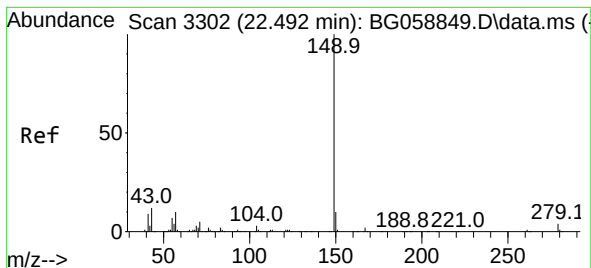
Ion Ratio Lower Upper

149 100

167 26.6 21.7 32.5

279 4.0 3.2 4.8

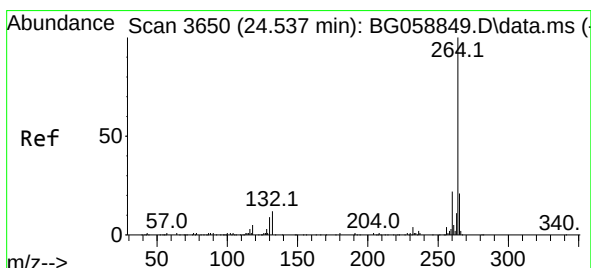
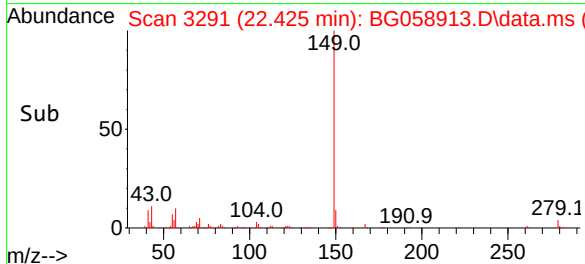
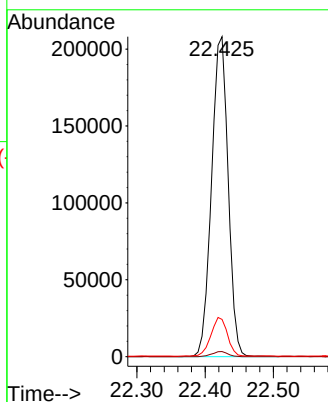
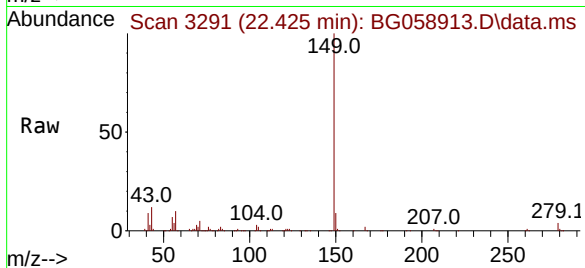




#85  
Di-n-octyl phthalate  
Concen: 44.532 ng  
RT: 22.425 min Scan# 31  
Delta R.T. -0.005 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

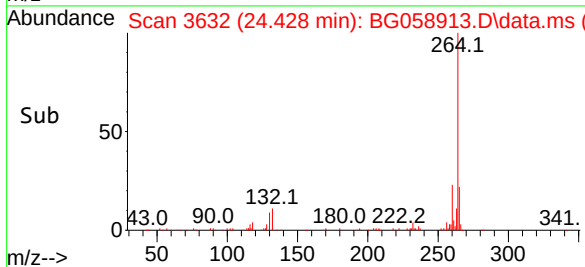
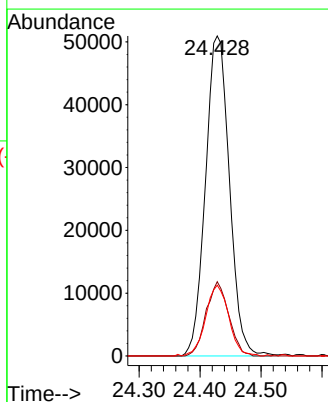
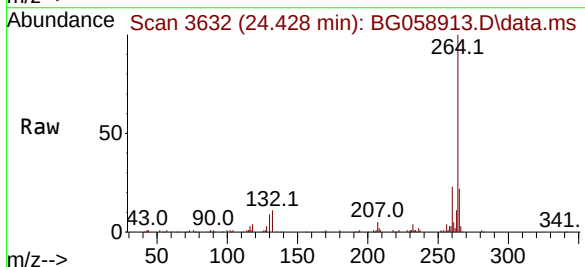
Instrument :  
BNA\_G  
ClientSampleId :  
OR-345-COMP-01MS

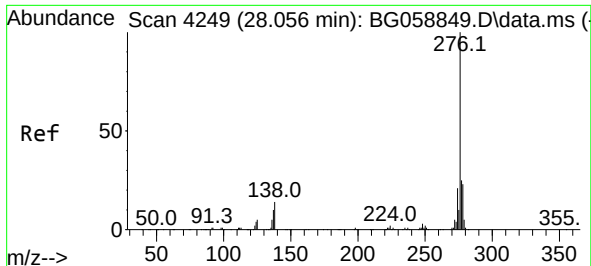
Tgt Ion:149 Resp: 352326  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 12.0 9.7 14.5



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.428 min Scan# 3632  
Delta R.T. -0.011 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

Tgt Ion:264 Resp: 139328  
Ion Ratio Lower Upper  
264 100  
260 23.2 18.2 27.2  
265 22.1 16.4 24.6

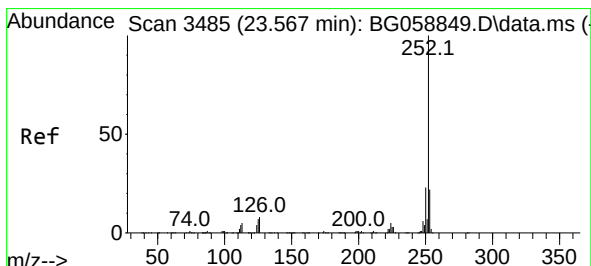
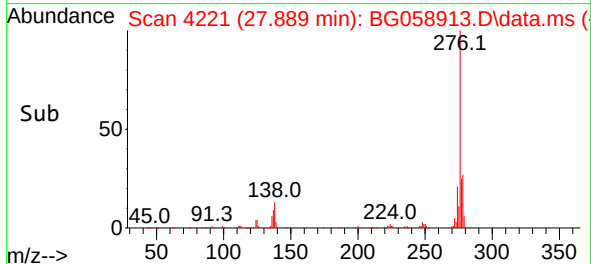
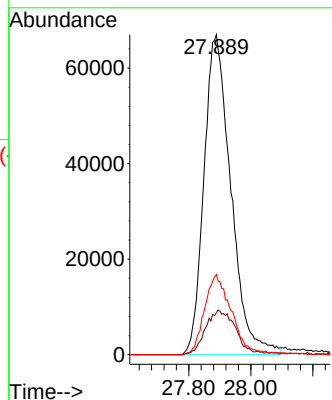
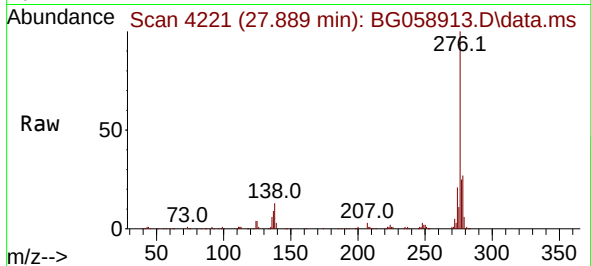




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 42.829 ng  
 RT: 27.889 min Scan# 41  
 Delta R.T. -0.029 min  
 Lab File: BG058913.D  
 Acq: 31 Aug 2023 2:57

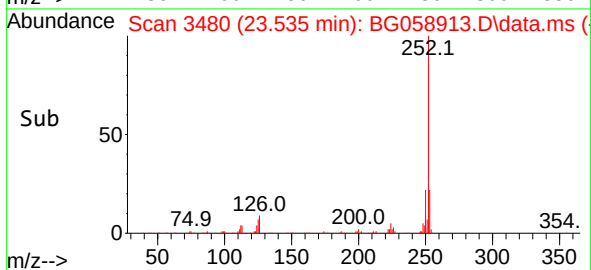
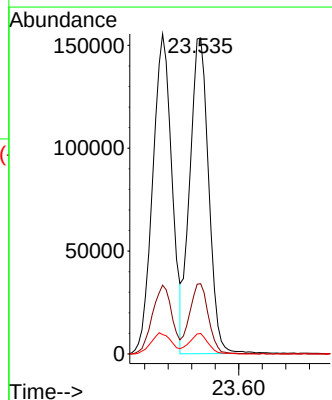
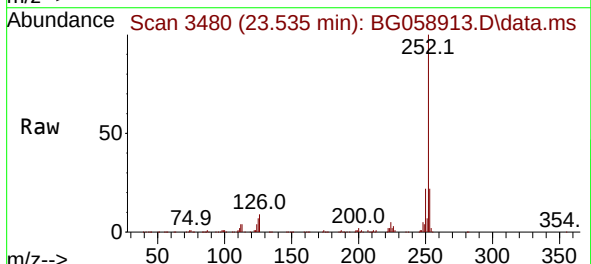
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 BNA\_G  
 ClientSampleId :  
 OR-345-COMP-01MS

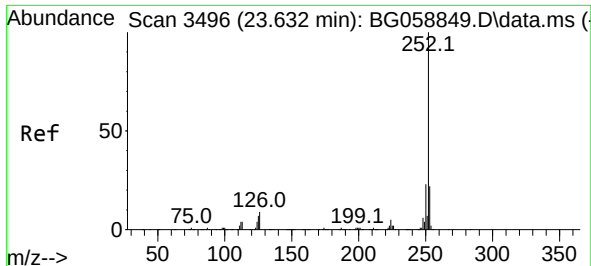
Tgt Ion:276 Resp: 403730  
 Ion Ratio Lower Upper  
 276 100  
 138 15.1 6.2 9.2#  
 277 24.9 20.4 30.6



#88  
 Benzo(b)fluoranthene  
 Concen: 44.228 ng  
 RT: 23.535 min Scan# 3480  
 Delta R.T. 0.054 min  
 Lab File: BG058913.D  
 Acq: 31 Aug 2023 2:57

Tgt Ion:252 Resp: 341911  
 Ion Ratio Lower Upper  
 252 100  
 253 22.2 18.4 27.6  
 125 6.5 6.2 9.2

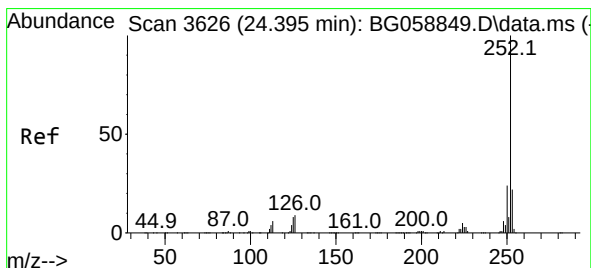
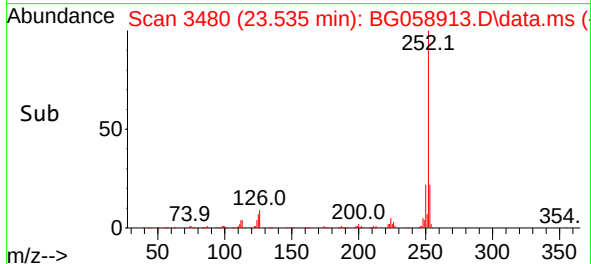
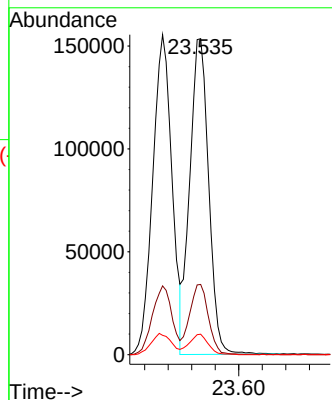
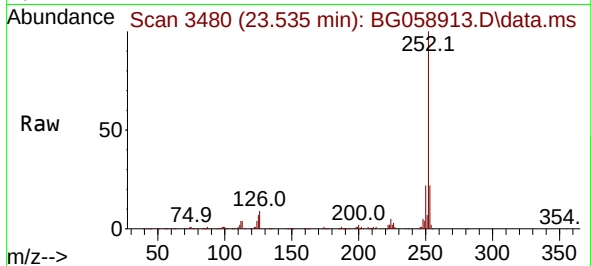




#89  
Benzo(k)fluoranthene  
Concen: 42.886 ng  
RT: 23.535 min Scan# 34  
Delta R.T. -0.011 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

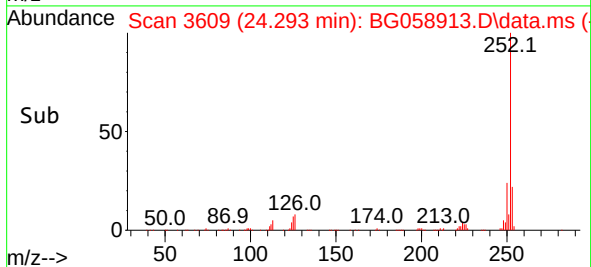
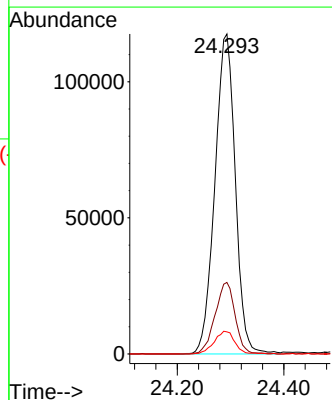
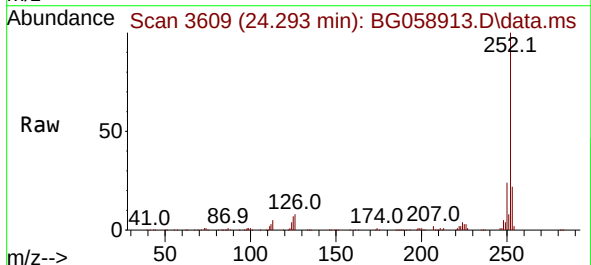
Instrument :  
BNA\_G  
ClientSampleId :  
OR-345-COMP-01MS

Tgt Ion:252 Resp: 341911  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.6 26.4  
125 6.5 6.3 9.5

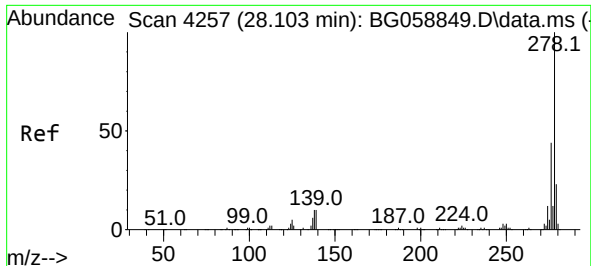


#90  
Benzo(a)pyrene  
Concen: 41.039 ng  
RT: 24.293 min Scan# 3609  
Delta R.T. -0.011 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

Tgt Ion:252 Resp: 312390  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.5 26.3  
125 6.9 6.8 10.2



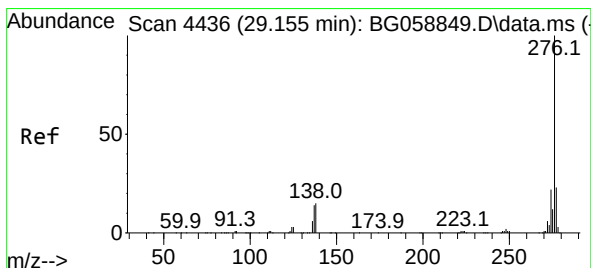
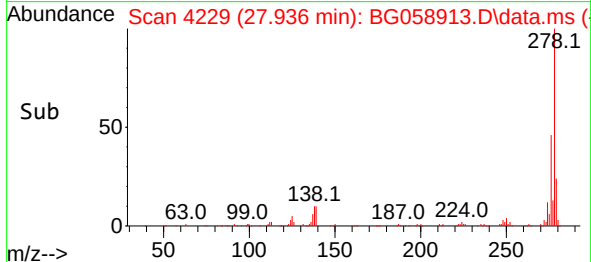
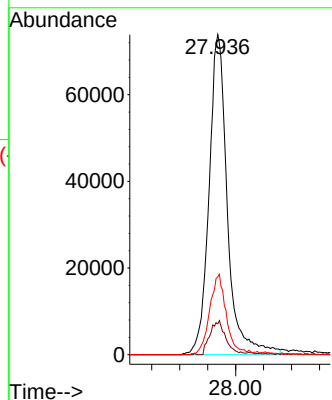
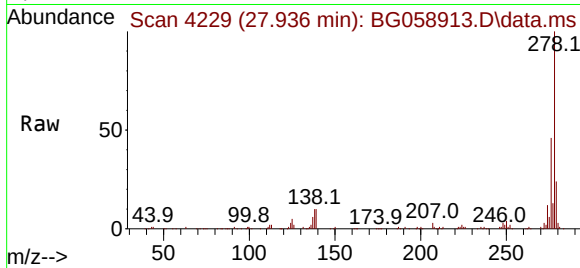




#91  
Dibenzo(a,h)anthracene  
Concen: 43.460 ng  
RT: 27.936 min Scan# 41  
Delta R.T. -0.029 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

Instrument :  
BNA\_G  
ClientSampleId :  
OR-345-COMP-01MS

Tgt Ion:278 Resp: 336635  
Ion Ratio Lower Upper  
278 100  
139 9.7 8.9 13.3  
279 24.3 19.0 28.6



#92  
Benzo(g,h,i)perylene  
Concen: 41.556 ng  
RT: 28.964 min Scan# 4404  
Delta R.T. -0.023 min  
Lab File: BG058913.D  
Acq: 31 Aug 2023 2:57

Tgt Ion:276 Resp: 321826  
Ion Ratio Lower Upper  
276 100  
277 24.0 17.8 26.6  
138 13.7 11.1 16.7

