

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG042524\  
 Data File : BG061040.D  
 Acq On : 25 Apr 2024 16:40  
 Operator : MA/JU  
 Sample : P2261-01MS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 RO-RBR200059MS

Quant Time: Apr 25 17:39:29 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG042024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 22 04:22:00 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.947  | 152  | 28067    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.738 | 136  | 107691   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.574 | 164  | 81719    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.324 | 188  | 188224   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.584 | 240  | 189029   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.715 | 264  | 173721   | 20.000  | ng    | 0.02     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.538  | 112  | 182381   | 131.439 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.118  | 99   | 256560   | 124.618 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.098  | 82   | 157508   | 65.713  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.067 | 330  | 194059   | 108.142 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.194 | 172  | 420531   | 71.222  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.939 | 244  | 719422   | 59.076  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.452  | 88   | 18552    | 38.632  | ng    | 93       |
| 3) Pyridine                   | 3.840  | 79   | 52751    | 35.537  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.758  | 42   | 60426    | 45.261  | ng    | 99       |
| 6) Aniline                    | 7.271  | 93   | 44898    | 18.145  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.512  | 128  | 89065    | 51.515  | ng    | 96       |
| 9) Benzaldehyde               | 7.083  | 77   | 3031     | 2.862   | ng    | # 80     |
| 10) Phenol                    | 7.148  | 94   | 105201   | 51.432  | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 7.365  | 93   | 70082    | 47.889  | ng    | 93       |
| 12) 1,3-Dichlorobenzene       | 7.835  | 146  | 87091    | 45.424  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.976  | 146  | 88307    | 44.715  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.294  | 146  | 86649    | 44.895  | ng    | 96       |
| 15) Benzyl Alcohol            | 8.182  | 79   | 74622    | 38.389  | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.464  | 45   | 126172   | 39.606  | ng    | 99       |
| 17) 2-Methylphenol            | 8.388  | 107  | 62193    | 37.657  | ng    | 91       |
| 18) Hexachloroethane          | 9.022  | 117  | 31813    | 44.706  | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 8.746  | 70   | 55926    | 36.451  | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.717  | 107  | 88274    | 38.217  | ng    | 97       |
| 22) Acetophenone              | 8.764  | 105  | 121981   | 40.564  | ng    | # 93     |
| 24) Nitrobenzene              | 9.140  | 77   | 90893    | 39.463  | ng    | 95       |
| 25) Isophorone                | 9.662  | 82   | 154130   | 38.424  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.851  | 139  | 43340    | 40.037  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 9.915  | 122  | 58845    | 33.915  | ng    | 94       |
| 28) bis(2-Chloroethoxy)met... | 10.144 | 93   | 83027    | 39.346  | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 10.391 | 162  | 86102    | 42.997  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.603 | 180  | 103654   | 46.914  | ng    | 96       |
| 31) Naphthalene               | 10.791 | 128  | 258878   | 43.909  | ng    | 99       |
| 32) Benzoic acid              | 10.068 | 122  | 48932    | 37.014  | ng    | 90       |
| 33) 4-Chloroaniline           | 10.890 | 127  | 39525    | 14.758  | ng    | 99       |
| 34) Hexachlorobutadiene       | 11.079 | 225  | 90548    | 46.600  | ng    | 97       |
| 35) Caprolactam               | 11.678 | 113  | 20647    | 32.371  | ng    | # 87     |
| 36) 4-Chloro-3-methylphenol   | 12.030 | 107  | 93682    | 40.112  | ng    | 95       |
| 37) 2-Methylnaphthalene       | 12.400 | 142  | 184468   | 39.794  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.618 | 142  | 173962   | 40.215  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.765 | 216  | 150969   | 51.985  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.747 | 237  | 61001    | 35.699  | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 13.006 | 196  | 92041    | 48.214  | ng    | 96       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG042524\  
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 Operator : MA/JU  
 Sample : P2261-01MS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

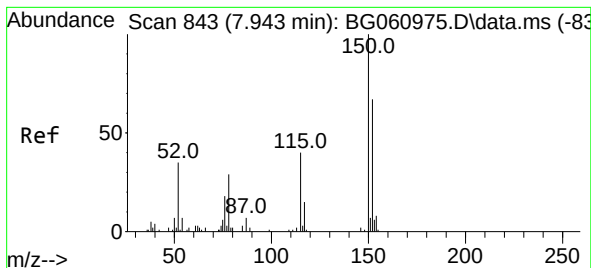
Instrument :  
 BNA\_G  
 ClientSampleId :  
 RO-RBR200059MS

Quant Time: Apr 25 17:39:29 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG042024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 22 04:22:00 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.088 | 196  | 101342   | 44.878 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.405 | 154  | 262723   | 47.729 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.446 | 162  | 207123   | 49.076 | ng    | 97       |
| 48) 2-Nitroaniline            | 13.646 | 65   | 74826    | 43.929 | ng    | 93       |
| 49) Acenaphthylene            | 14.298 | 152  | 340675   | 47.929 | ng    | 99       |
| 50) Dimethylphthalate         | 14.034 | 163  | 281391   | 41.758 | ng    | 97       |
| 51) 2,6-Dinitrotoluene        | 14.145 | 165  | 57482    | 40.882 | ng    | 98       |
| 52) Acenaphthene              | 14.639 | 154  | 187639   | 43.445 | ng    | 95       |
| 53) 3-Nitroaniline            | 14.475 | 138  | 41848    | 30.184 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.686 | 184  | 24183    | 30.128 | ng    | 92       |
| 55) Dibenzofuran              | 14.974 | 168  | 324216   | 43.472 | ng    | 98       |
| 56) 4-Nitrophenol             | 14.798 | 139  | 87148    | 87.738 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 14.939 | 165  | 82925    | 40.949 | ng    | 93       |
| 58) Fluorene                  | 15.620 | 166  | 270192   | 42.922 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.203 | 232  | 100727   | 44.196 | ng    | # 98     |
| 60) Diethylphthalate          | 15.397 | 149  | 268623   | 40.478 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.614 | 204  | 160527   | 41.347 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.644 | 138  | 55941    | 37.419 | ng    | 96       |
| 63) Azobenzene                | 15.908 | 77   | 222028   | 41.133 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.702 | 198  | 19316    | 16.620 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 15.832 | 169  | 241631   | 46.596 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.513 | 248  | 114729   | 46.185 | ng    | 99       |
| 68) Hexachlorobenzene         | 16.631 | 284  | 137149   | 49.984 | ng    | 98       |
| 69) Atrazine                  | 16.784 | 200  | 101369   | 52.230 | ng    | 95       |
| 70) Pentachlorophenol         | 16.977 | 266  | 170579   | 94.807 | ng    | 98       |
| 71) Phenanthrene              | 17.365 | 178  | 444436   | 46.259 | ng    | 99       |
| 72) Anthracene                | 17.453 | 178  | 442413   | 44.711 | ng    | 98       |
| 73) Carbazole                 | 17.724 | 167  | 366655   | 44.617 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.288 | 149  | 413456   | 41.440 | ng    | 100      |
| 75) Fluoranthene              | 19.381 | 202  | 630689   | 49.464 | ng    | 97       |
| 77) Benzidine                 | 19.557 | 184  | 222029   | 63.392 | ng    | 99       |
| 78) Pyrene                    | 19.739 | 202  | 662001   | 51.434 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.632 | 149  | 175667   | 40.948 | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.566 | 228  | 657345   | 49.462 | ng    | 96       |
| 82) 3,3'-Dichlorobenzidine    | 21.478 | 252  | 174282   | 36.287 | ng    | 100      |
| 83) Chrysene                  | 21.631 | 228  | 636227   | 50.283 | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 21.490 | 149  | 259293   | 41.573 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.671 | 149  | 438793   | 42.375 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.264 | 276  | 420428   | 34.887 | ng    | # 92     |
| 88) Benzo(b)fluoranthene      | 23.728 | 252  | 542120   | 55.067 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.793 | 252  | 608446   | 61.224 | ng    | 97       |
| 90) Benzo(a)pyrene            | 24.569 | 252  | 538505   | 56.513 | ng    | 96       |
| 91) Dibenzo(a,h)anthracene    | 28.329 | 278  | 356113   | 36.169 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 29.375 | 276  | 279253   | 28.605 | ng    | 98       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.947 min Scan# 84

Delta R.T. 0.004 min

Lab File: BG061040.D

Acq: 25 Apr 2024 16:40

Instrument :

BNA\_G

ClientSampleId :

RO-RBR200059MS

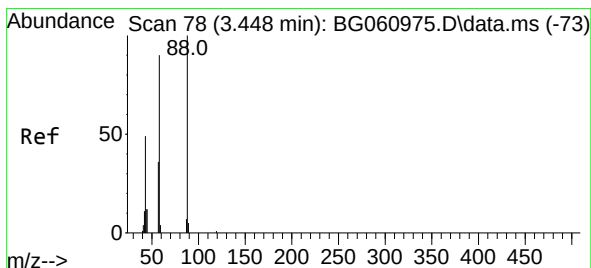
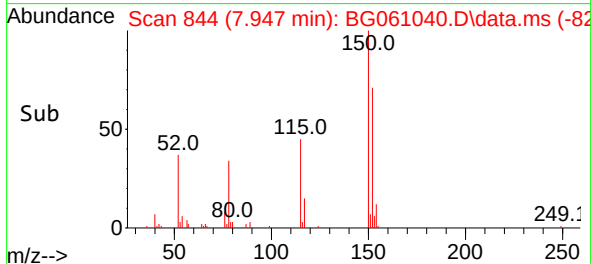
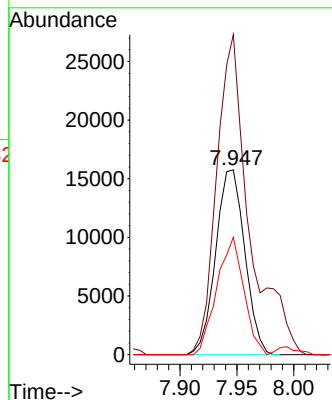
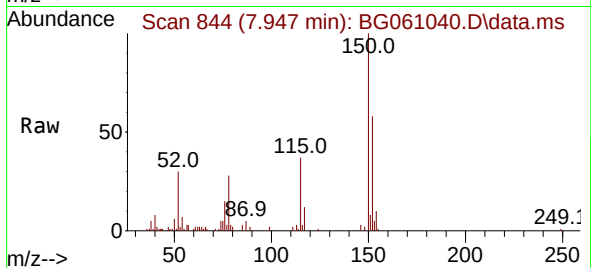
Tgt Ion:152 Resp: 28067

Ion Ratio Lower Upper

152 100

150 173.1 118.6 178.0

115 63.5 47.4 71.0



#2

1,4-Dioxane

Concen: 38.632 ng

RT: 3.452 min Scan# 79

Delta R.T. 0.004 min

Lab File: BG061040.D

Acq: 25 Apr 2024 16:40

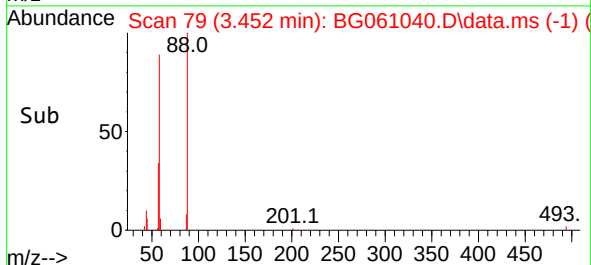
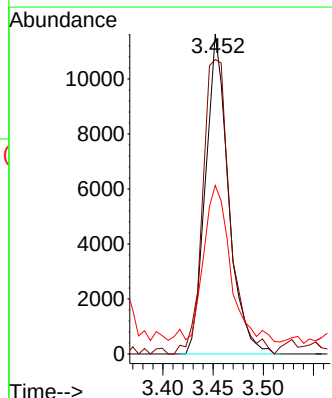
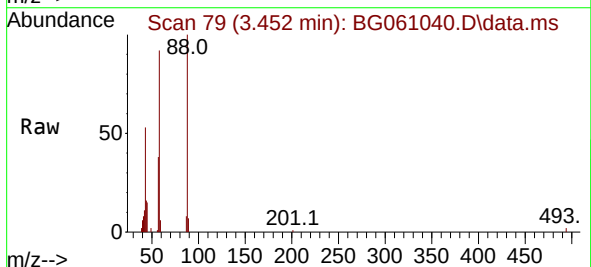
Tgt Ion: 88 Resp: 18552

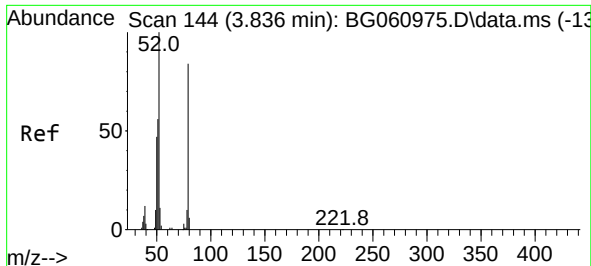
Ion Ratio Lower Upper

88 100

58 108.7 80.2 120.2

43 57.5 43.4 65.0

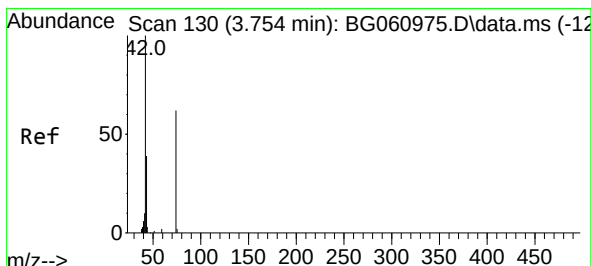
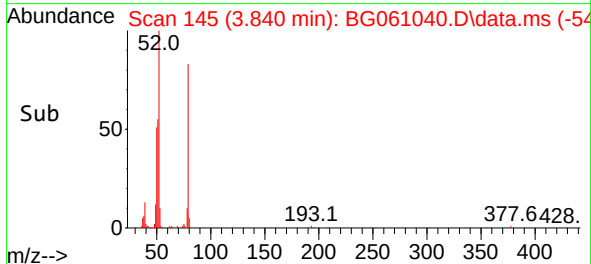
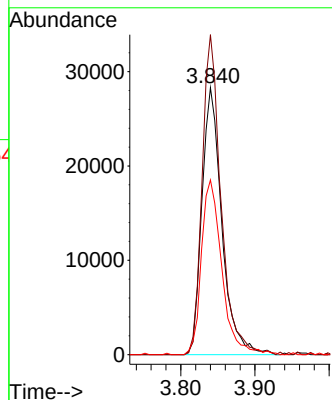
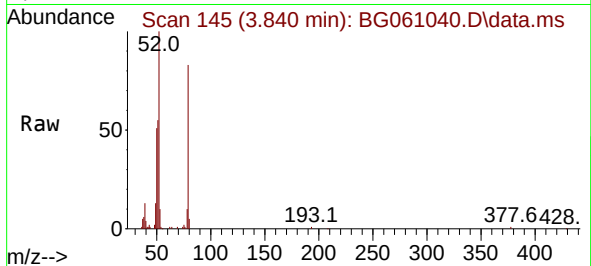




#3  
Pyridine  
Concen: 35.537 ng  
RT: 3.840 min Scan# 144  
Delta R.T. 0.004 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

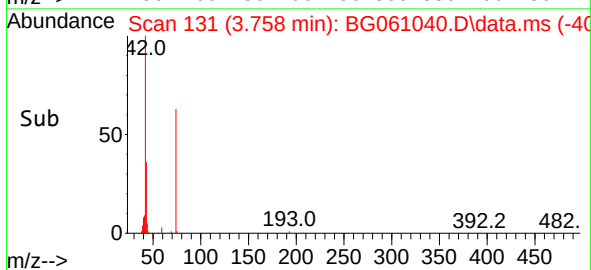
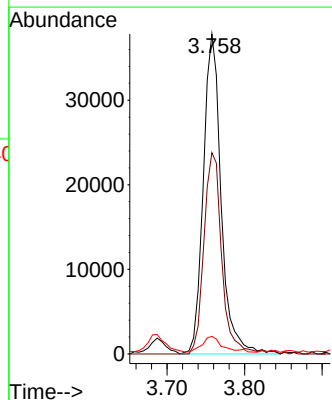
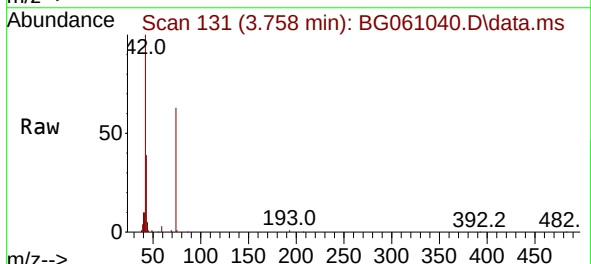
Instrument :  
BNA\_G  
ClientSampleId :  
RO-RBR200059MS

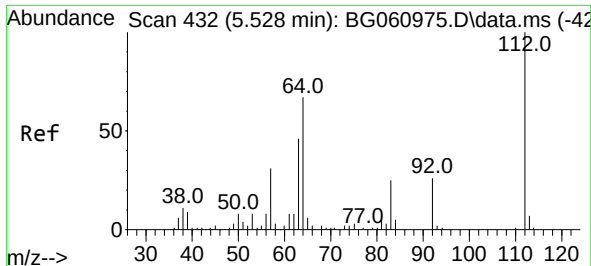
Tgt Ion: 79 Resp: 52751  
Ion Ratio Lower Upper  
79 100  
52 119.8 95.0 142.6  
51 65.4 53.3 79.9



#4  
n-Nitrosodimethylamine  
Concen: 45.261 ng  
RT: 3.758 min Scan# 131  
Delta R.T. 0.004 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

Tgt Ion: 42 Resp: 60426  
Ion Ratio Lower Upper  
42 100  
74 62.9 49.8 74.6  
44 5.5 3.8 5.6

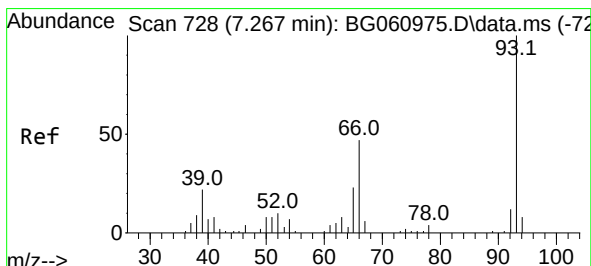
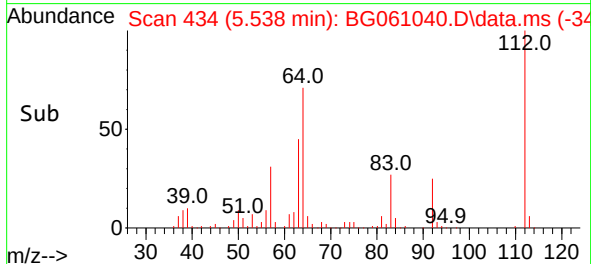
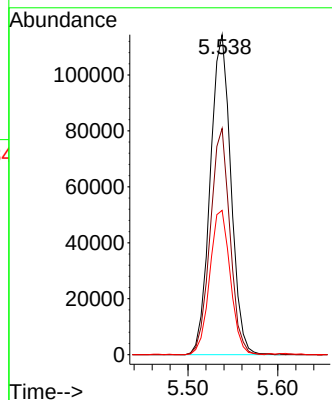
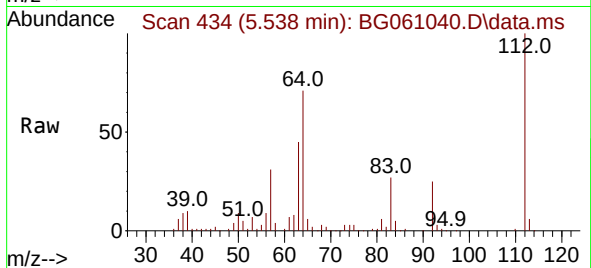




#5  
2-Fluorophenol  
Concen: 131.439 ng  
RT: 5.538 min Scan# 411  
Delta R.T. 0.010 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

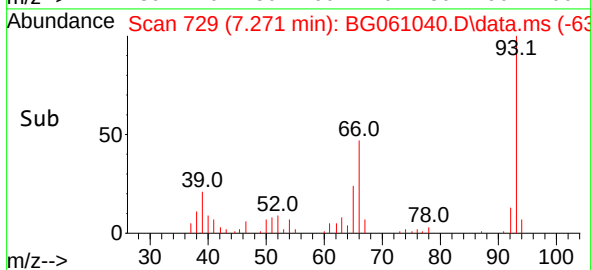
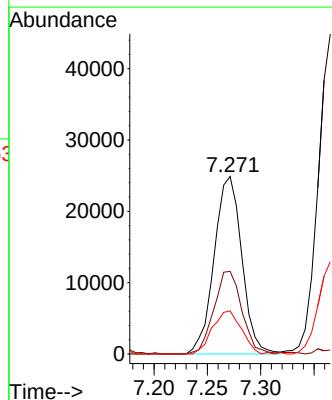
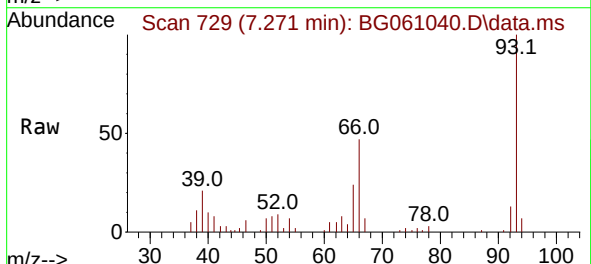
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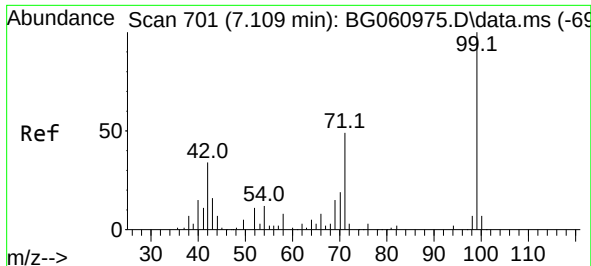
Tgt Ion:112 Resp: 182381  
Ion Ratio Lower Upper  
112 100  
64 70.7 53.7 80.5  
63 45.1 37.0 55.6



#6  
Aniline  
Concen: 18.145 ng  
RT: 7.271 min Scan# 729  
Delta R.T. 0.004 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

Tgt Ion: 93 Resp: 44898  
Ion Ratio Lower Upper  
93 100  
66 46.5 37.9 56.9  
65 24.3 18.2 27.4

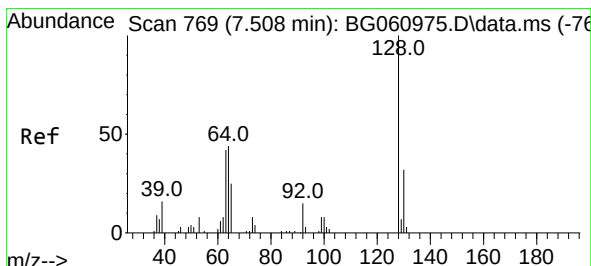
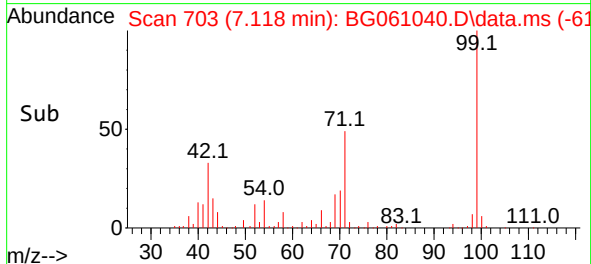
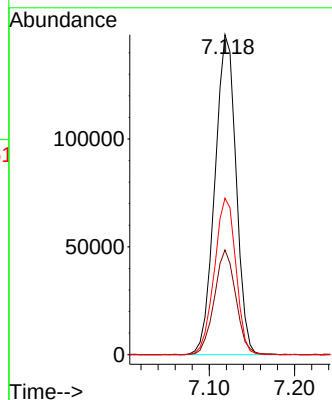
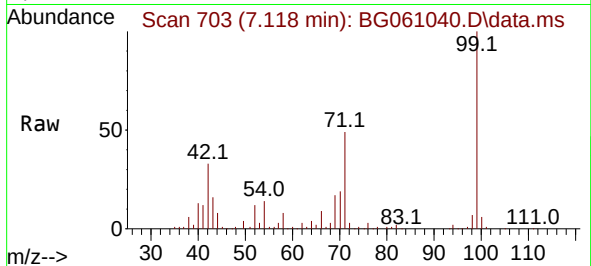




#7  
Phenol-d6  
Concen: 124.618 ng  
RT: 7.118 min Scan# 701  
Delta R.T. 0.010 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

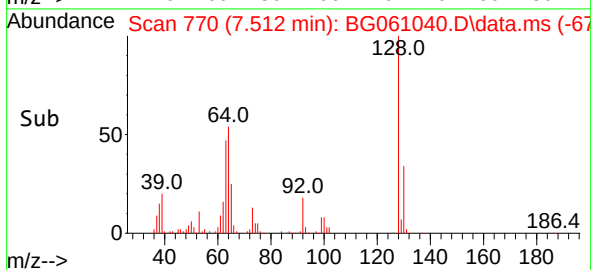
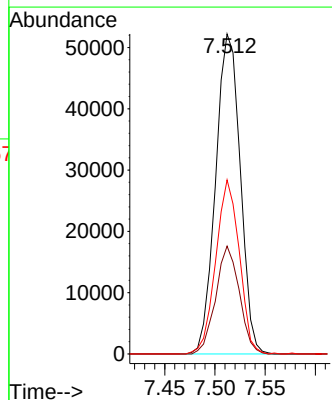
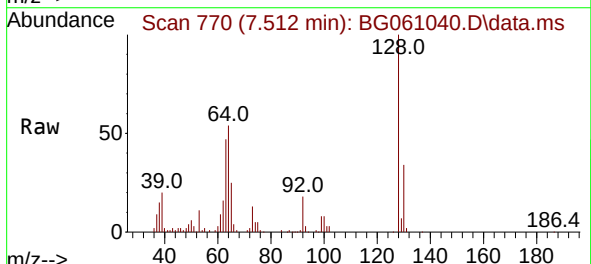
Instrument :  
BNA\_G  
ClientSampleId :  
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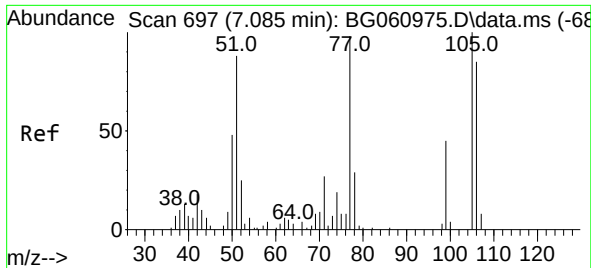
Tgt Ion: 99 Resp: 256560  
Ion Ratio Lower Upper  
99 100  
42 32.8 27.2 40.8  
71 48.9 38.8 58.2



#8  
2-Chlorophenol  
Concen: 51.515 ng  
RT: 7.512 min Scan# 770  
Delta R.T. 0.004 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

Tgt Ion:128 Resp: 89065  
Ion Ratio Lower Upper  
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130 33.7 12.2 52.2  
64 54.4 30.8 70.8

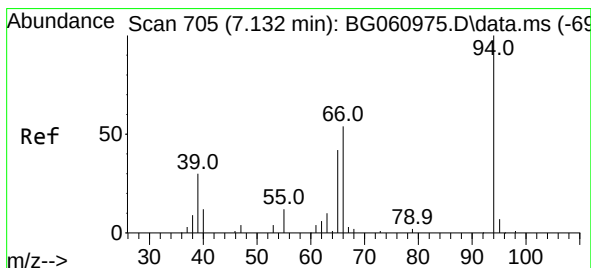
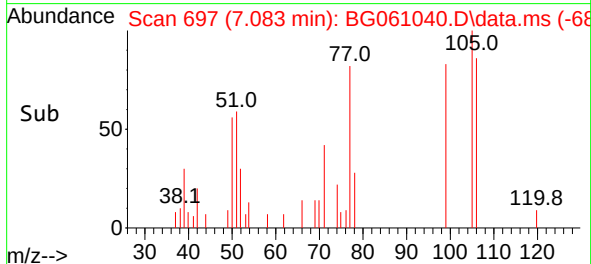
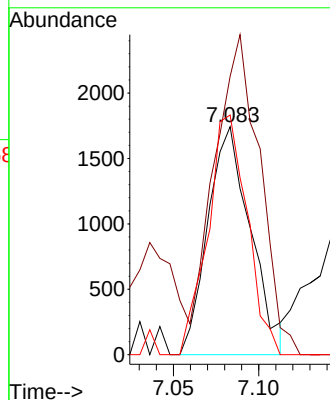
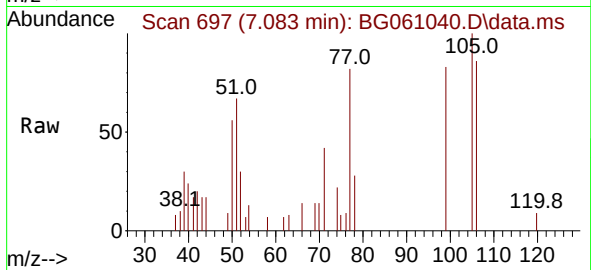




#9  
Benzaldehyde  
Concen: 2.862 ng  
RT: 7.083 min Scan# 697  
Delta R.T. -0.002 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

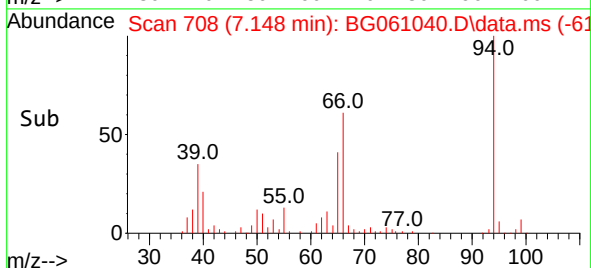
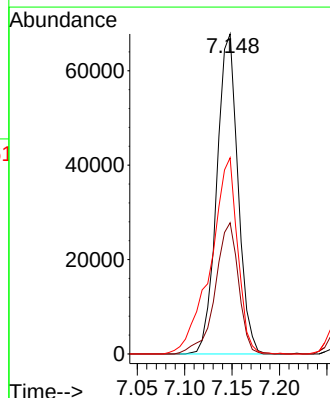
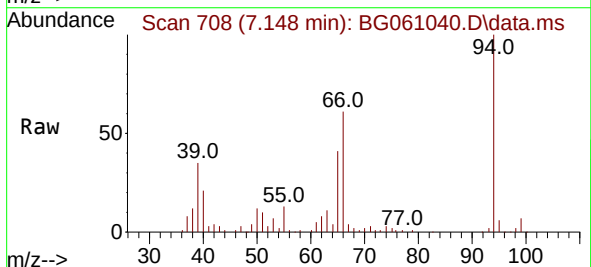
Instrument :  
BNA\_G  
ClientSampleId :  
RO-RBR200059MS

Tgt Ion: 77 Resp: 3031  
Ion Ratio Lower Upper  
77 100  
105 122.0 81.7 121.7#  
106 105.1 66.7 106.7

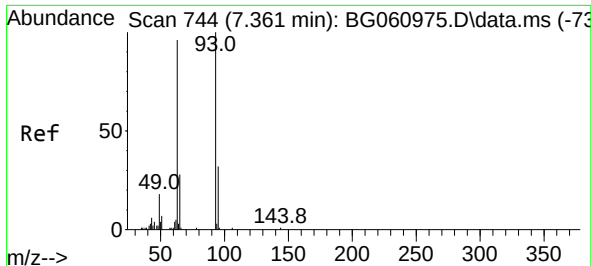


#10  
Phenol  
Concen: 51.432 ng  
RT: 7.148 min Scan# 708  
Delta R.T. 0.016 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

Tgt Ion: 94 Resp: 105201  
Ion Ratio Lower Upper  
94 100  
65 41.0 23.1 63.1  
66 61.3 38.0 78.0



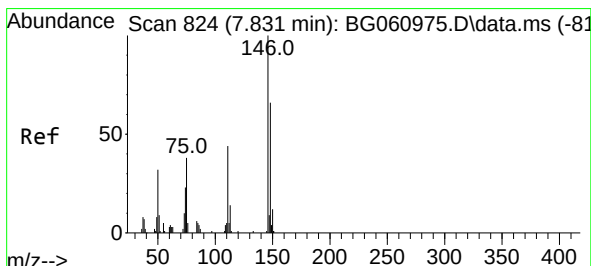
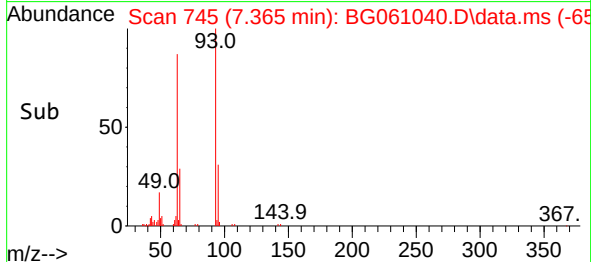
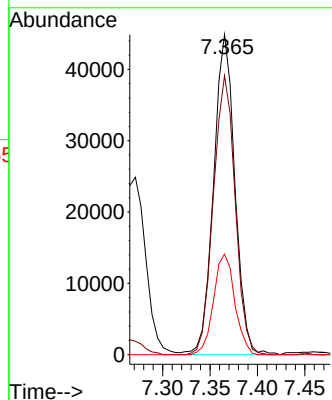
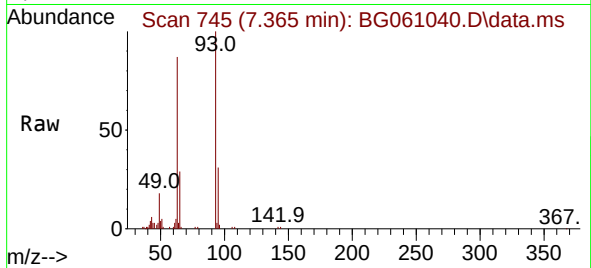




#11  
bis(2-Chloroethyl)ether  
Concen: 47.889 ng  
RT: 7.365 min Scan# 744  
Delta R.T. 0.004 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

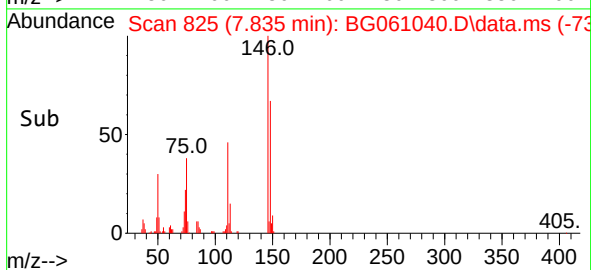
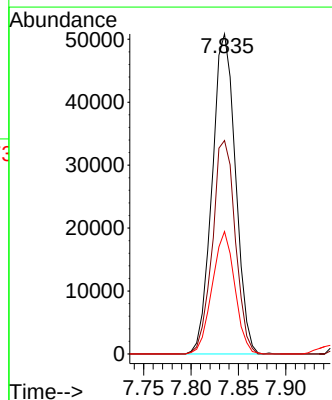
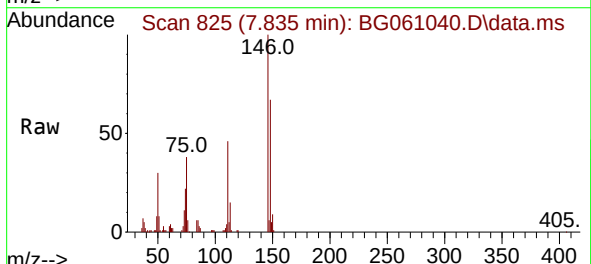
Instrument :  
BNA\_G  
ClientSampleId :  
RO-RBR200059MS

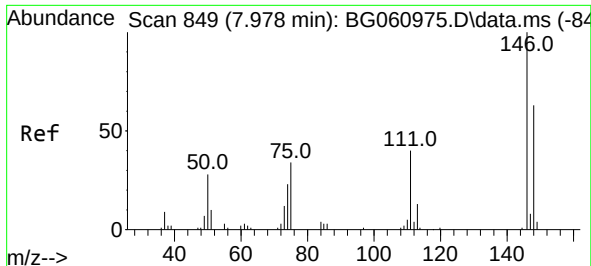
Tgt Ion: 93 Resp: 70082  
Ion Ratio Lower Upper  
93 100  
63 87.2 75.6 115.6  
95 31.4 12.1 52.1



#12  
1,3-Dichlorobenzene  
Concen: 45.424 ng  
RT: 7.835 min Scan# 825  
Delta R.T. 0.004 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

Tgt Ion:146 Resp: 87091  
Ion Ratio Lower Upper  
146 100  
148 66.7 52.7 79.1  
75 38.2 30.1 45.1

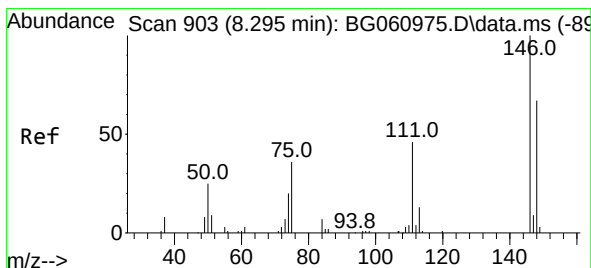
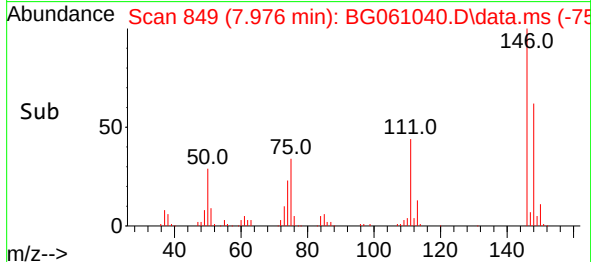
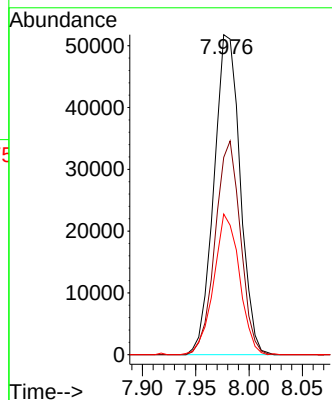
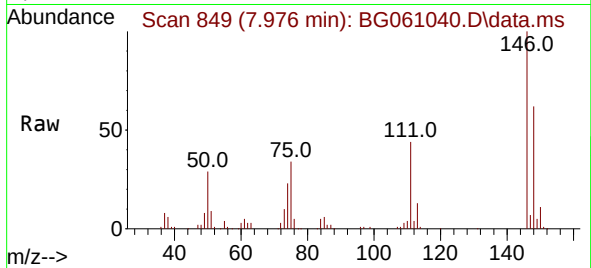




#13  
1,4-Dichlorobenzene  
Concen: 44.715 ng  
RT: 7.976 min Scan# 849  
Delta R.T. -0.002 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

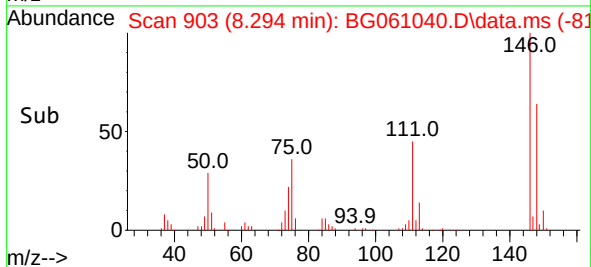
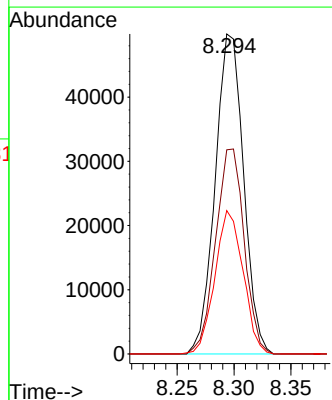
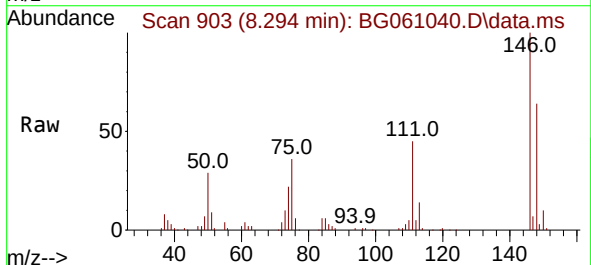
Instrument :  
BNA\_G  
ClientSampleId :  
RO-RBR200059MS

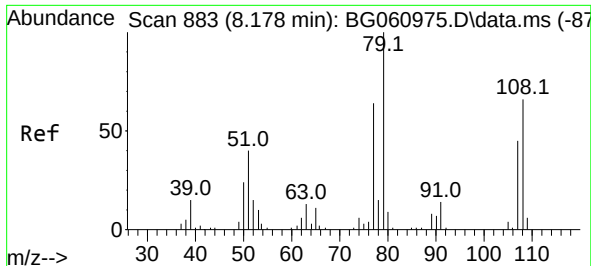
Tgt Ion:146 Resp: 88307  
Ion Ratio Lower Upper  
146 100  
148 61.6 50.4 75.6  
111 44.0 32.7 49.1



#14  
1,2-Dichlorobenzene  
Concen: 44.895 ng  
RT: 8.294 min Scan# 903  
Delta R.T. -0.002 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

Tgt Ion:146 Resp: 86649  
Ion Ratio Lower Upper  
146 100  
148 63.8 53.8 80.8  
111 44.8 38.2 57.2

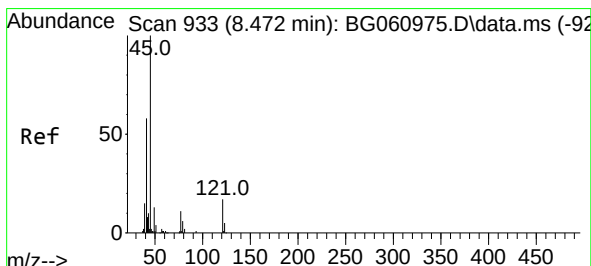
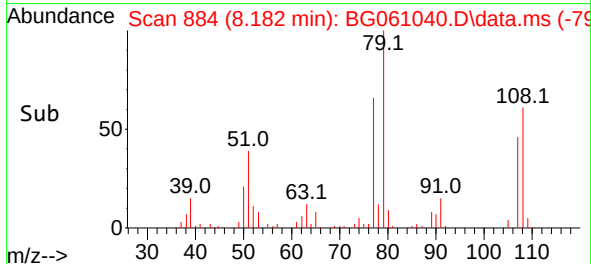
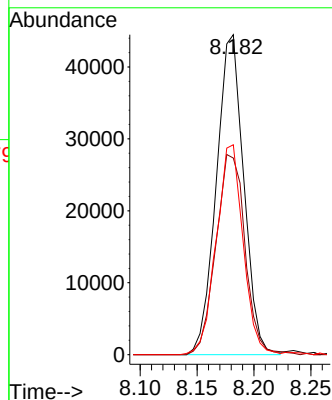
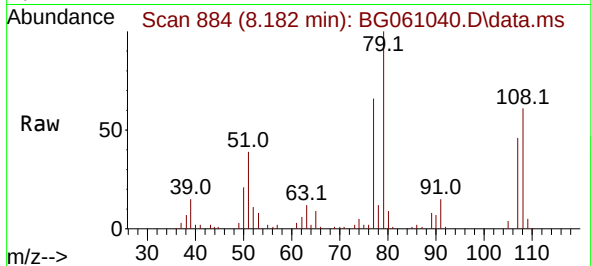




#15  
Benzyl Alcohol  
Concen: 38.389 ng  
RT: 8.182 min Scan# 81  
Delta R.T. 0.004 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

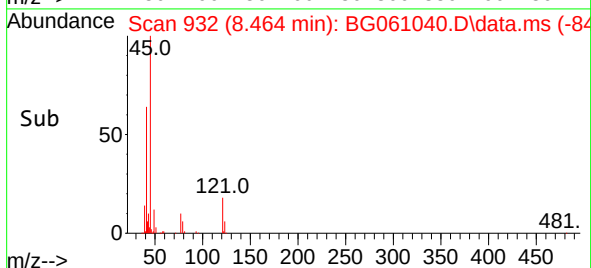
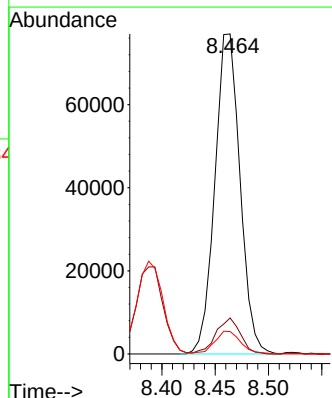
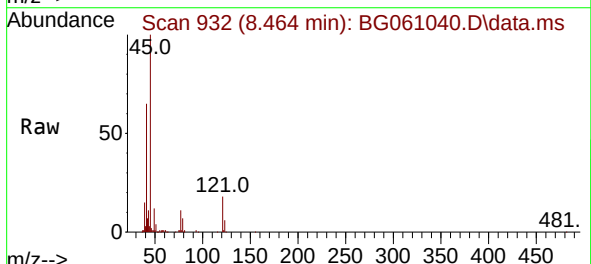
Instrument :  
BNA\_G  
ClientSampleId :  
RO-RBR200059MS

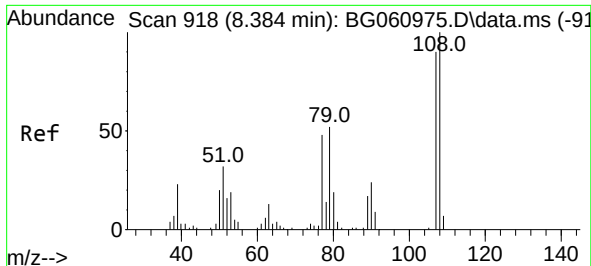
Tgt Ion: 79 Resp: 74622  
Ion Ratio Lower Upper  
79 100  
108 61.4 53.0 79.6  
77 65.6 51.4 77.0



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 39.606 ng  
RT: 8.464 min Scan# 932  
Delta R.T. -0.008 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

Tgt Ion: 45 Resp: 126172  
Ion Ratio Lower Upper  
45 100  
77 11.2 0.0 30.6  
79 7.0 0.0 26.6

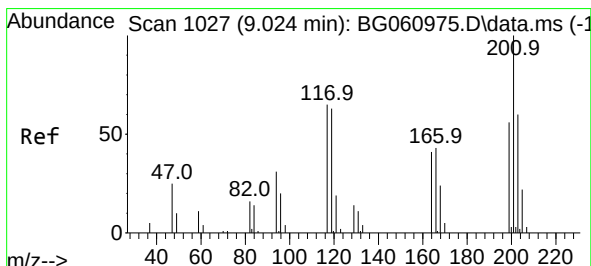
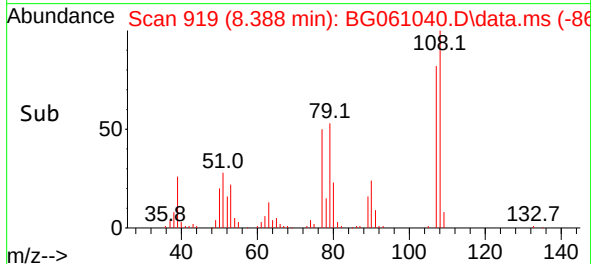
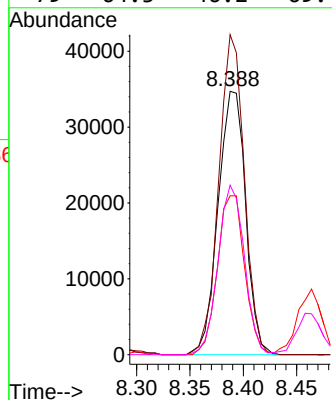
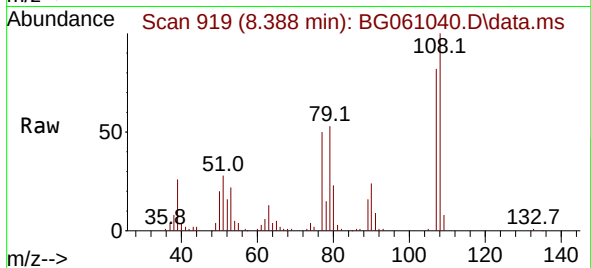




#17  
2-Methylphenol  
Concen: 37.657 ng  
RT: 8.388 min Scan# 918  
Delta R.T. 0.004 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

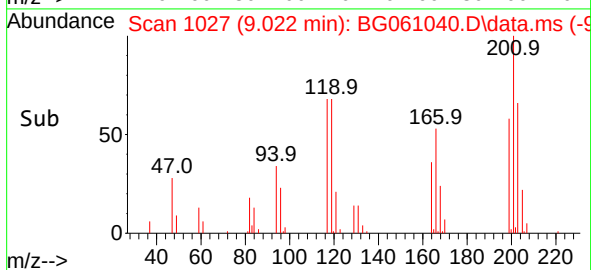
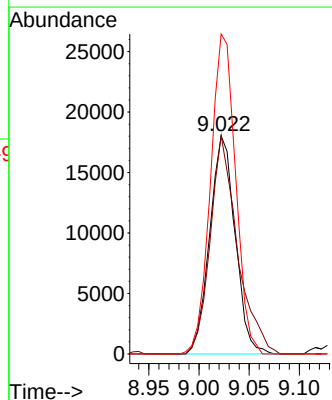
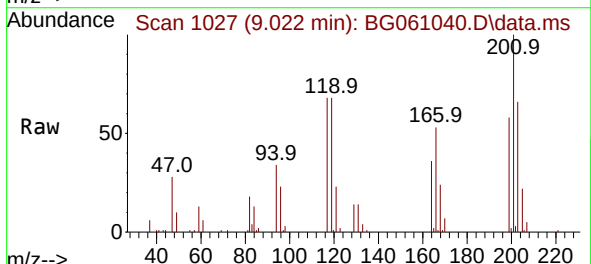
Instrument :  
BNA\_G  
ClientSampleId :  
RO-RBR200059MS

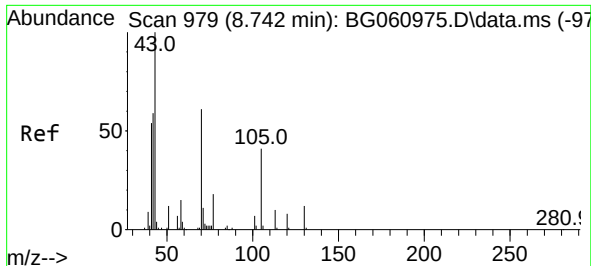
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 107   | Resp: | 62193 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 121.5 | 89.2  | 133.8 |
| 77        | 60.3  | 43.0  | 64.6  |
| 79        | 64.3  | 46.2  | 69.4  |



#18  
Hexachloroethane  
Concen: 44.706 ng  
RT: 9.022 min Scan# 1027  
Delta R.T. -0.002 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 31813 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 101.5 | 79.8  | 119.8 |
| 201       | 146.8 | 124.0 | 186.0 |

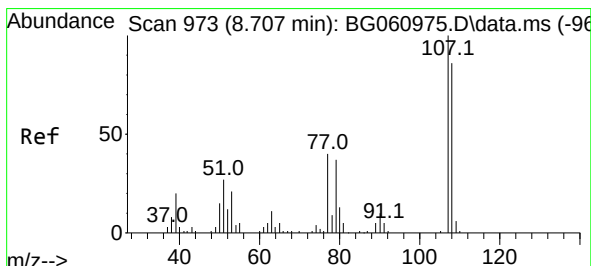
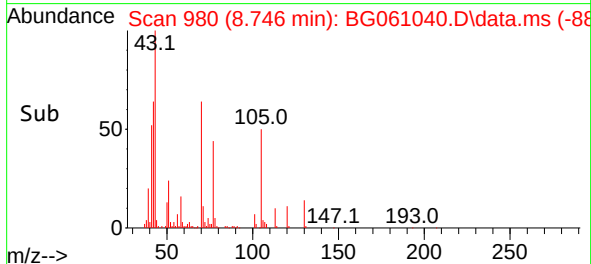
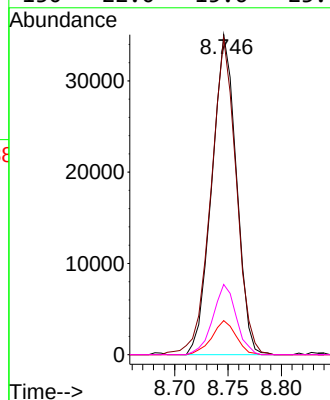
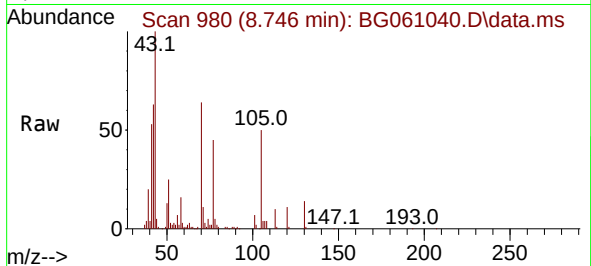




#19  
n-Nitroso-di-n-propylamine  
Concen: 36.451 ng  
RT: 8.746 min Scan# 91  
Delta R.T. 0.004 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

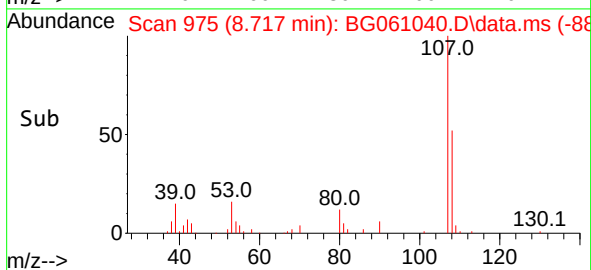
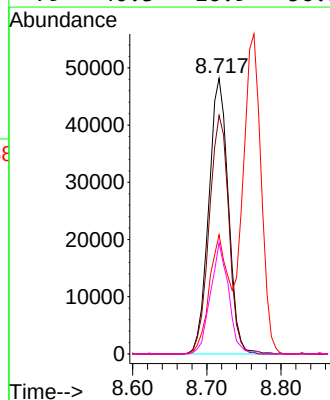
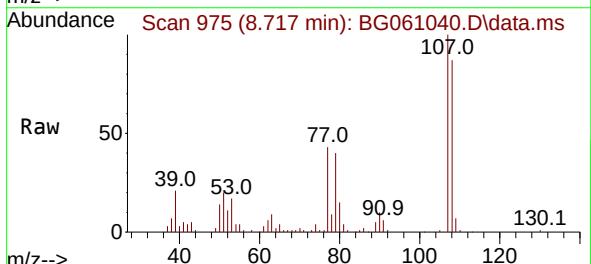
Instrument :  
BNA\_G  
ClientSampleId :  
RO-RBR200059MS

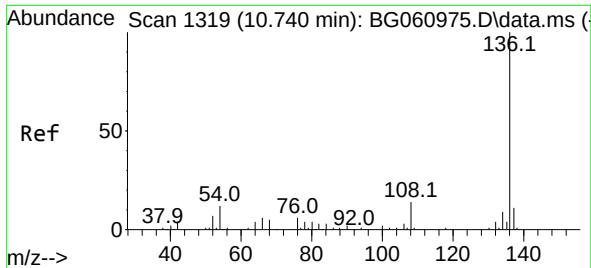
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 55926 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 98.9  | 78.0  | 117.0 |
| 101      | 10.6  | 8.6   | 13.0  |
| 130      | 22.0  | 15.6  | 23.4  |



#20  
3+4-Methylphenols  
Concen: 38.217 ng  
RT: 8.717 min Scan# 975  
Delta R.T. 0.010 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 88274 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 86.5  | 66.5  | 106.5 |
| 77       | 43.2  | 19.9  | 59.9  |
| 79       | 40.3  | 16.9  | 56.9  |

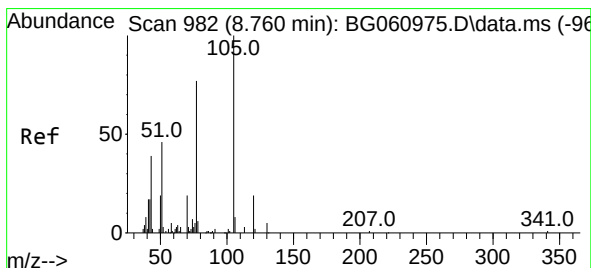
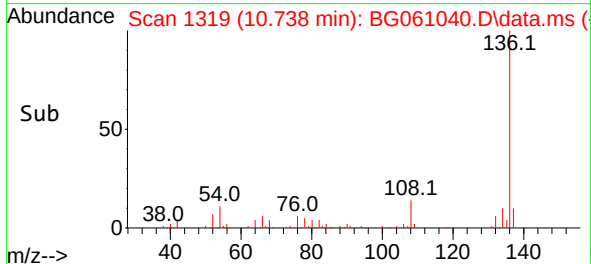
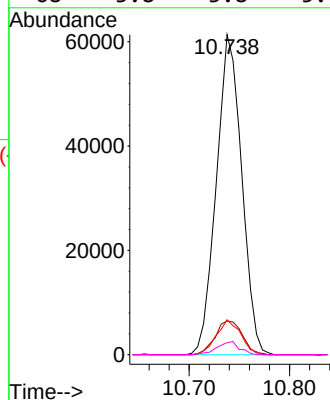
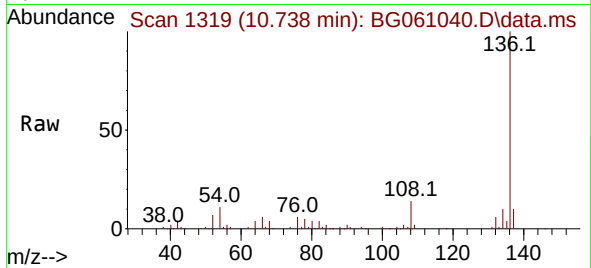




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.738 min Scan# 11  
Delta R.T. -0.002 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

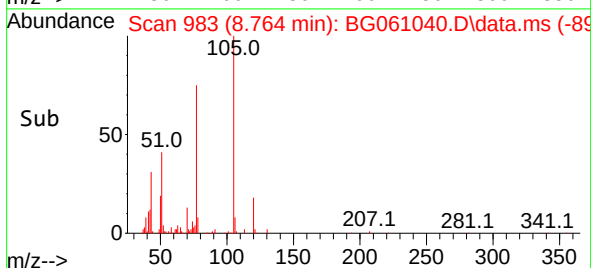
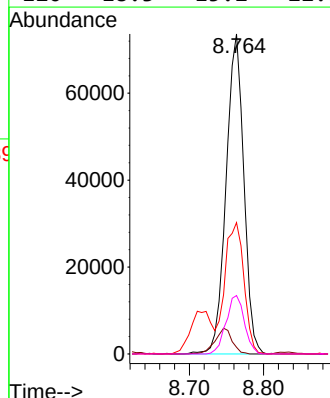
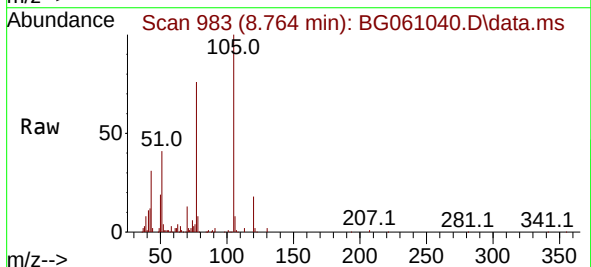
Instrument :  
BNA\_G  
ClientSampleId :  
RO-RBR200059MS

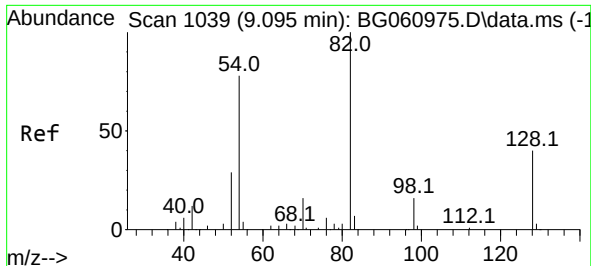
Tgt Ion:136 Resp: 107691  
Ion Ratio Lower Upper  
136 100  
137 10.5 8.5 12.7  
54 10.9 9.4 14.0  
68 3.8 3.8 5.6



#22  
Acetophenone  
Concen: 40.564 ng  
RT: 8.764 min Scan# 983  
Delta R.T. 0.004 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

Tgt Ion:105 Resp: 121981  
Ion Ratio Lower Upper  
105 100  
71 2.1 2.5 3.7#  
51 41.1 37.8 56.6  
120 18.3 15.2 22.8





#23

Nitrobenzene-d5

Concen: 65.713 ng

RT: 9.098 min Scan# 1039

Delta R.T. 0.004 min

Lab File: BG061040.D

Acq: 25 Apr 2024 16:40

Instrument :

BNA\_G

ClientSampleId :

RO-RBR200059MS

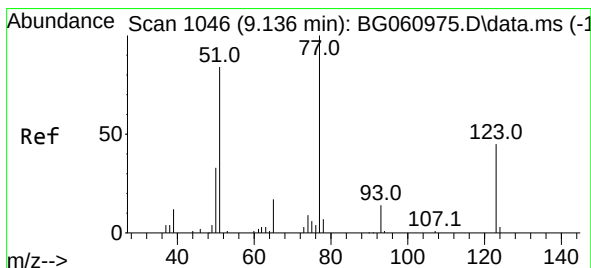
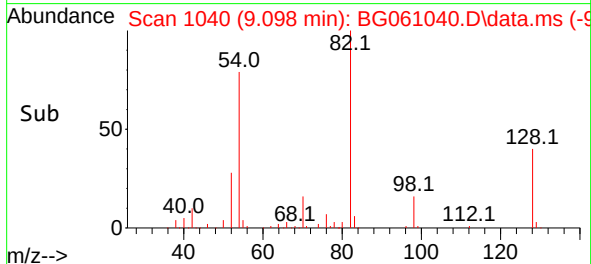
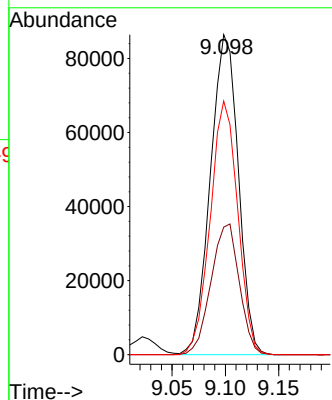
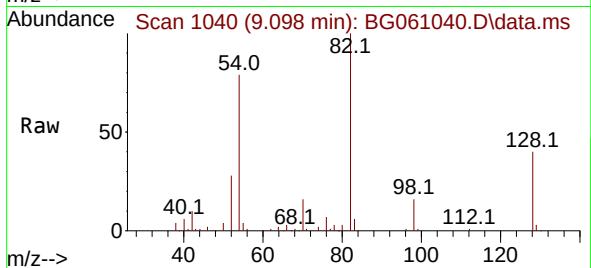
Tgt Ion: 82 Resp: 157508

Ion Ratio Lower Upper

82 100

128 39.9 32.1 48.1

54 79.2 62.3 93.5



#24

Nitrobenzene

Concen: 39.463 ng

RT: 9.140 min Scan# 1047

Delta R.T. 0.004 min

Lab File: BG061040.D

Acq: 25 Apr 2024 16:40

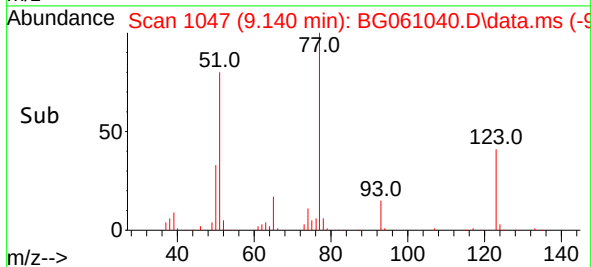
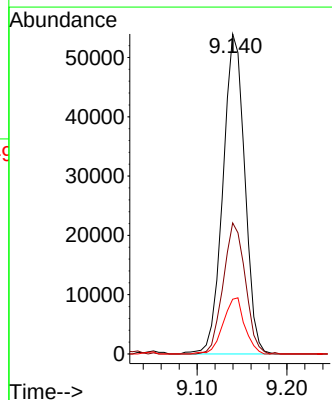
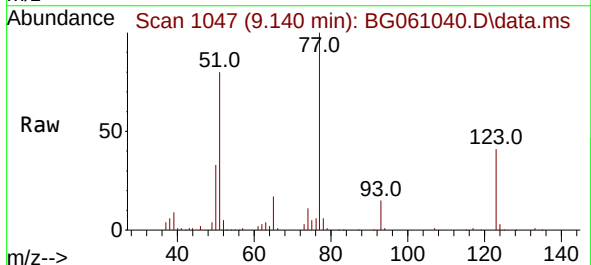
Tgt Ion: 77 Resp: 90893

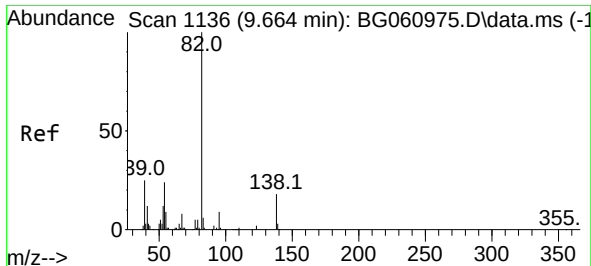
Ion Ratio Lower Upper

77 100

123 40.9 35.9 53.9

65 17.1 13.3 19.9





#25

Isophorone

Concen: 38.424 ng

RT: 9.662 min Scan# 1136

Delta R.T. -0.002 min

Lab File: BG061040.D

Acq: 25 Apr 2024 16:40

Instrument :

BNA\_G

ClientSampleId :

RO-RBR200059MS

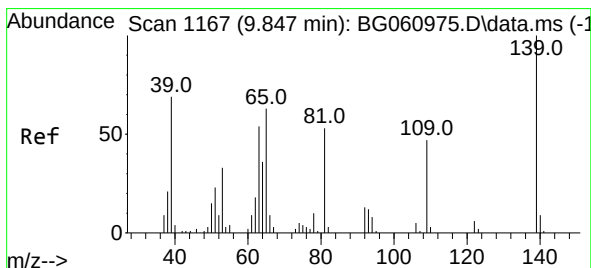
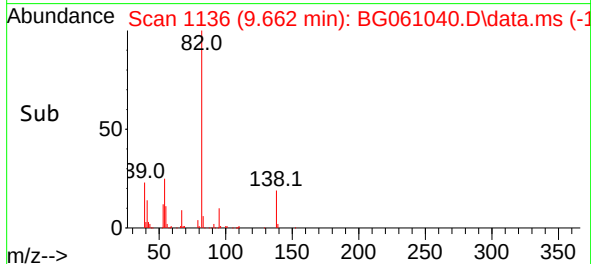
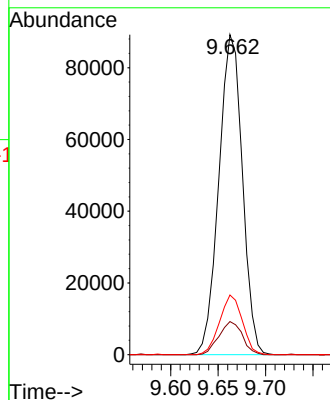
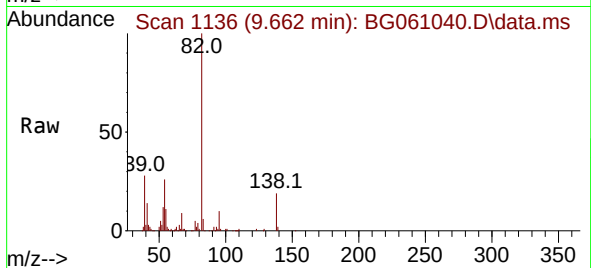
Tgt Ion: 82 Resp: 154130

Ion Ratio Lower Upper

82 100

95 10.3 7.6 11.4

138 18.6 14.2 21.2



#26

2-Nitrophenol

Concen: 40.037 ng

RT: 9.851 min Scan# 1168

Delta R.T. 0.004 min

Lab File: BG061040.D

Acq: 25 Apr 2024 16:40

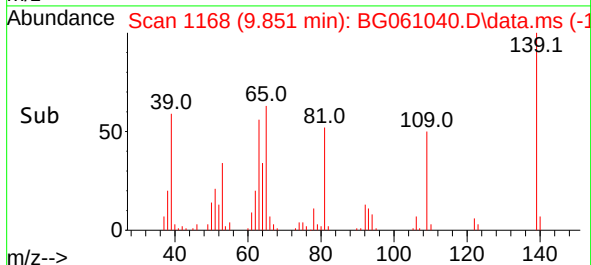
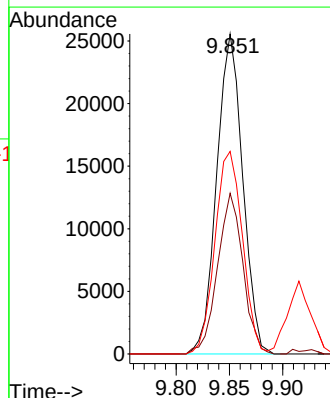
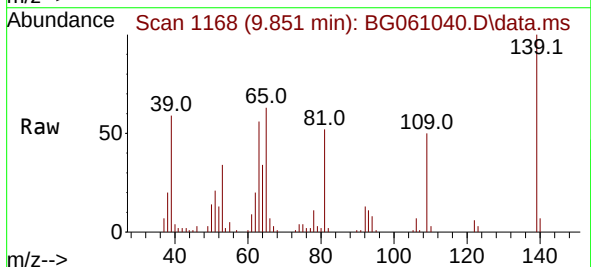
Tgt Ion:139 Resp: 43340

Ion Ratio Lower Upper

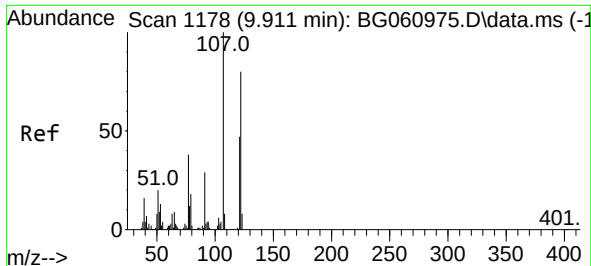
139 100

109 50.2 37.4 56.2

65 63.3 50.4 75.6







#27

2,4-Dimethylphenol

Concen: 33.915 ng

RT: 9.915 min Scan# 1178

Delta R.T. 0.004 min

Lab File: BG061040.D

Acq: 25 Apr 2024 16:40

Instrument :

BNA\_G

ClientSampleId :

RO-RBR200059MS

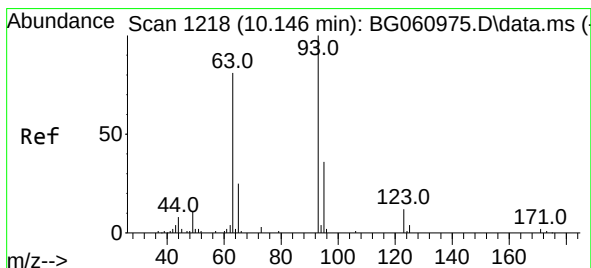
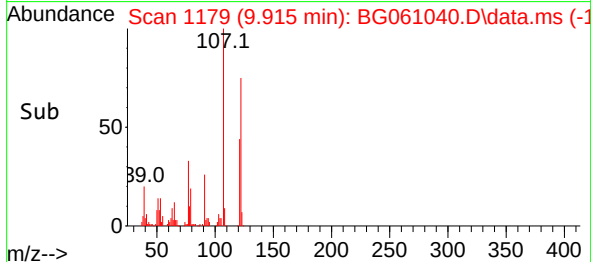
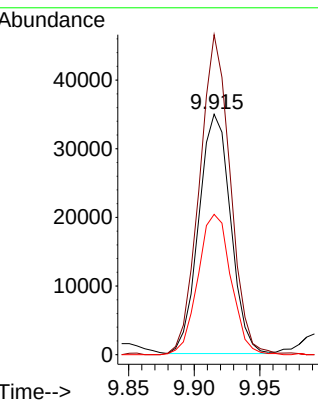
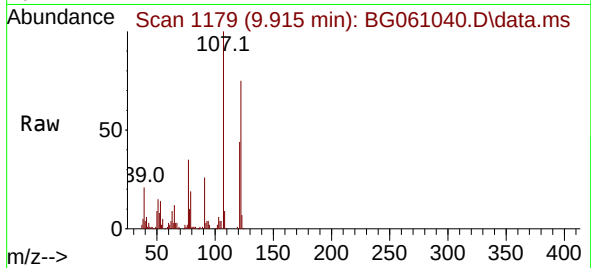
Tgt Ion:122 Resp: 58845

Ion Ratio Lower Upper

122 100

107 133.0 98.7 148.1

121 58.3 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 39.346 ng

RT: 10.144 min Scan# 1218

Delta R.T. -0.002 min

Lab File: BG061040.D

Acq: 25 Apr 2024 16:40

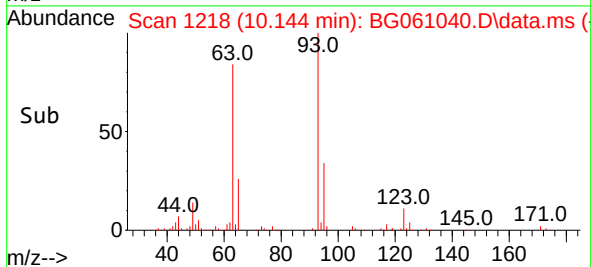
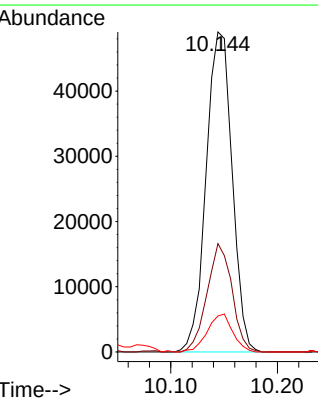
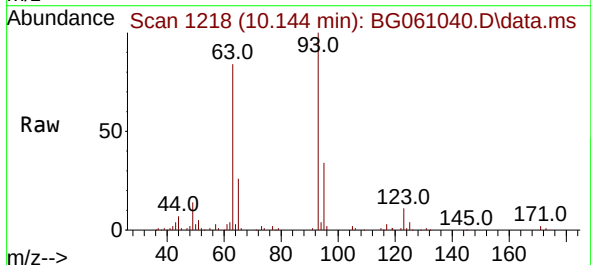
Tgt Ion: 93 Resp: 83027

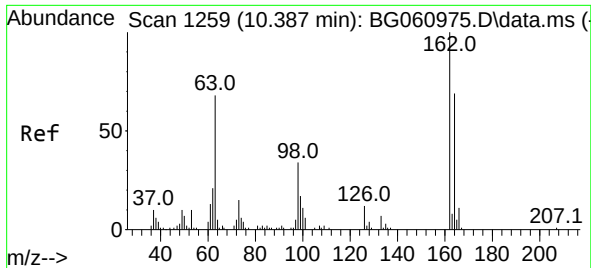
Ion Ratio Lower Upper

93 100

95 33.8 28.8 43.2

123 11.2 9.8 14.6





#29

2,4-Dichlorophenol

Concen: 42.997 ng

RT: 10.391 min Scan# 1

Delta R.T. 0.004 min

Lab File: BG061040.D

Acq: 25 Apr 2024 16:40

Instrument :

BNA\_G

ClientSampleId :

RO-RBR200059MS

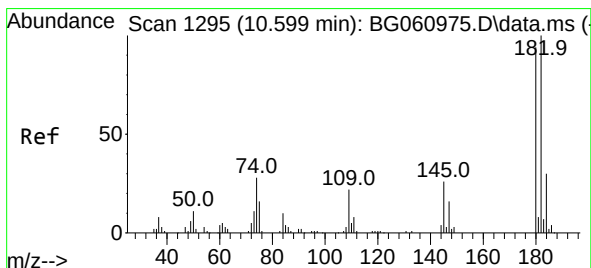
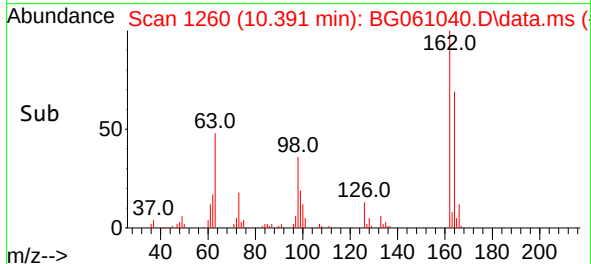
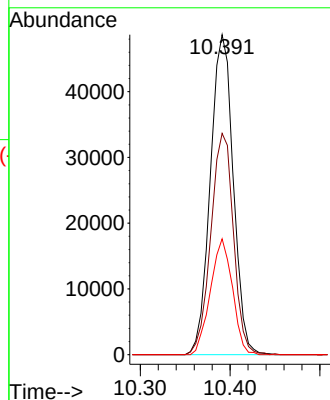
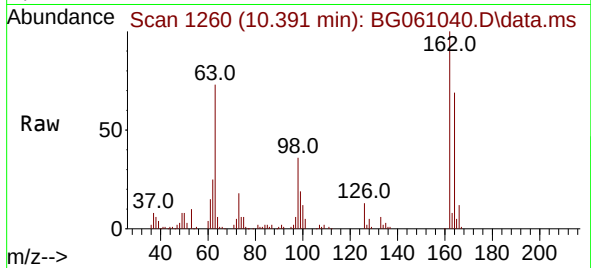
Tgt Ion:162 Resp: 86102

Ion Ratio Lower Upper

162 100

164 69.1 49.0 89.0

98 36.2 14.3 54.3



#30

1,2,4-Trichlorobenzene

Concen: 46.914 ng

RT: 10.603 min Scan# 1296

Delta R.T. 0.004 min

Lab File: BG061040.D

Acq: 25 Apr 2024 16:40

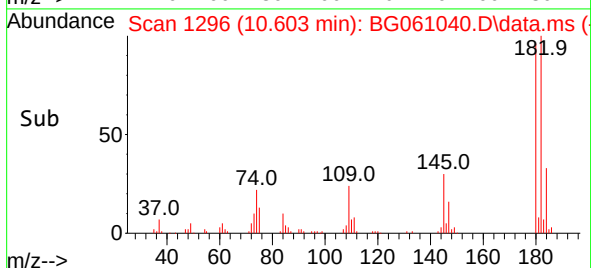
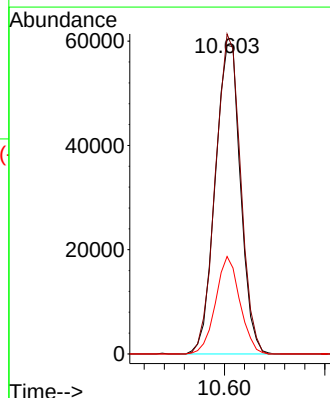
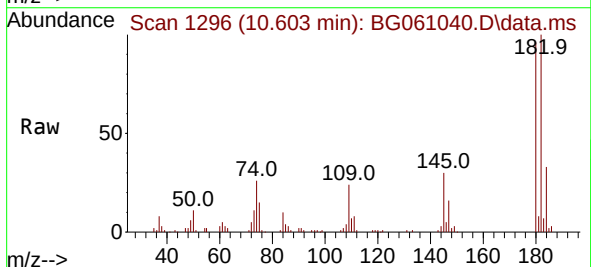
Tgt Ion:180 Resp: 103654

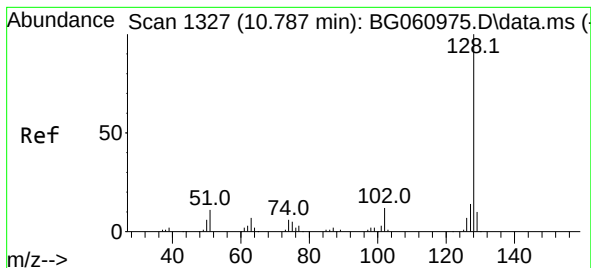
Ion Ratio Lower Upper

180 100

182 103.7 85.4 128.2

145 31.6 22.6 33.8





#31

Naphthalene

Concen: 43.909 ng

RT: 10.791 min Scan# 1

Delta R.T. 0.004 min

Lab File: BG061040.D

Acq: 25 Apr 2024 16:40

Instrument :

BNA\_G

ClientSampleId :

RO-RBR200059MS

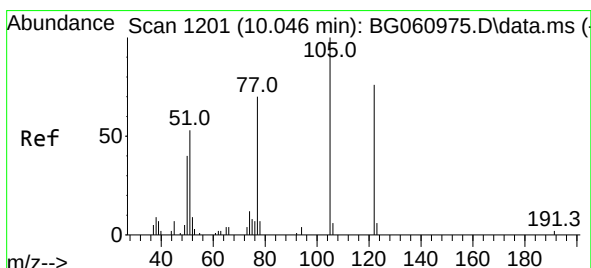
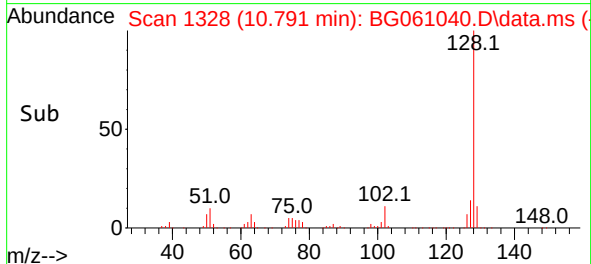
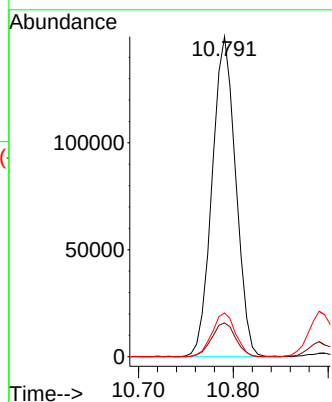
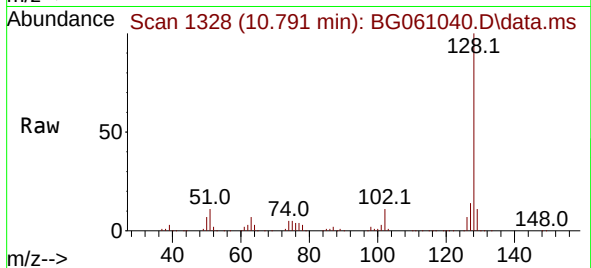
Tgt Ion:128 Resp: 258878

Ion Ratio Lower Upper

128 100

129 10.6 8.2 12.4

127 13.6 11.4 17.2



#32

Benzoic acid

Concen: 37.014 ng

RT: 10.068 min Scan# 1205

Delta R.T. 0.022 min

Lab File: BG061040.D

Acq: 25 Apr 2024 16:40

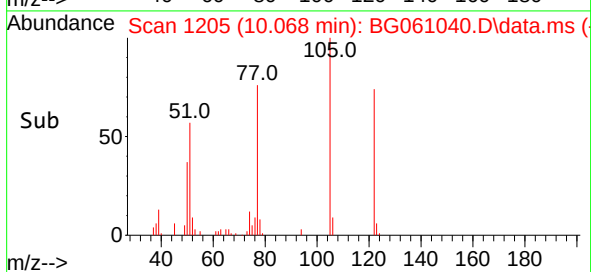
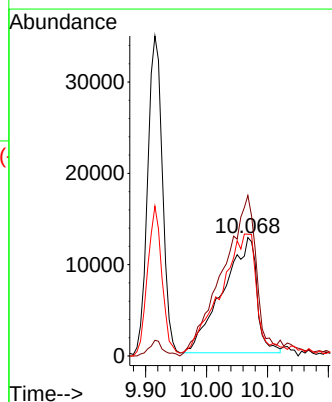
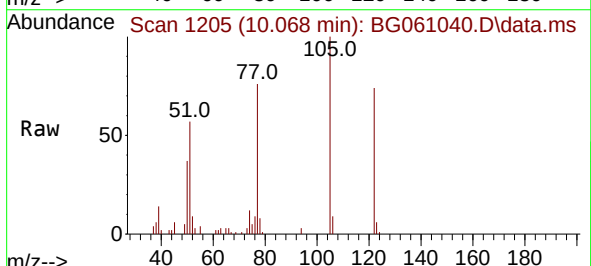
Tgt Ion:122 Resp: 48932

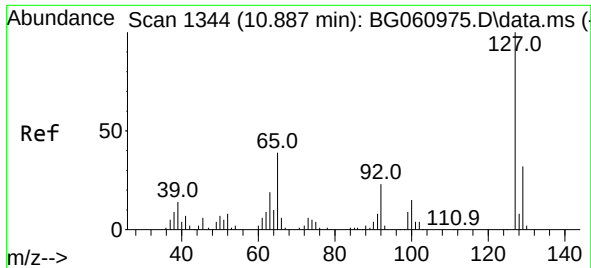
Ion Ratio Lower Upper

122 100

105 135.5 106.2 146.2

77 102.8 70.1 110.1

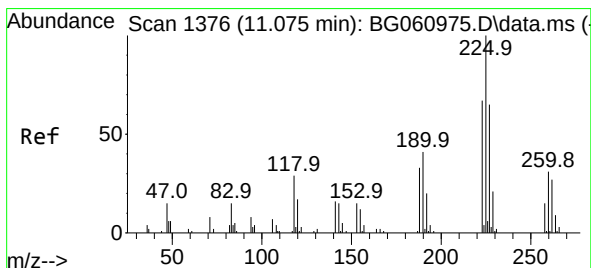
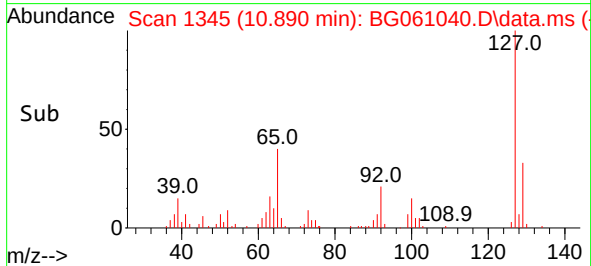
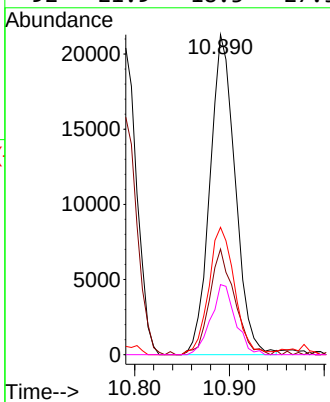
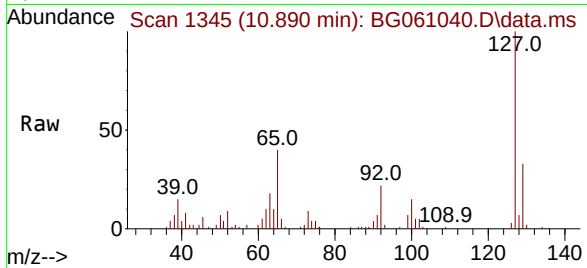




#33  
4-Chloroaniline  
Concen: 14.758 ng  
RT: 10.890 min Scan# 11  
Delta R.T. 0.004 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

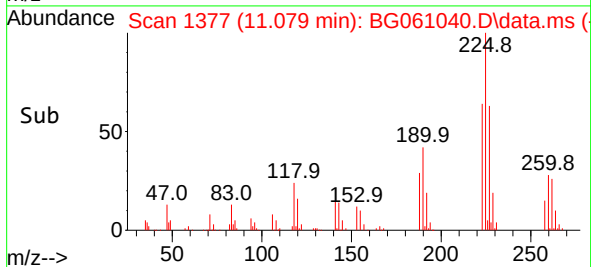
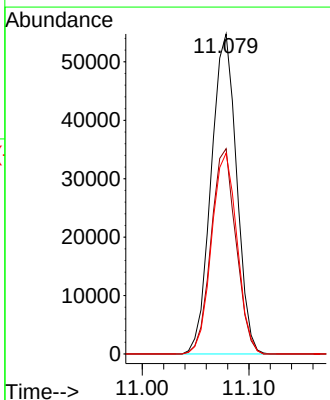
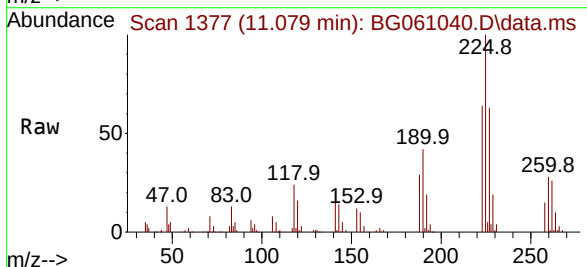
Instrument :  
BNA\_G  
ClientSampleId :  
RO-RBR200059MS

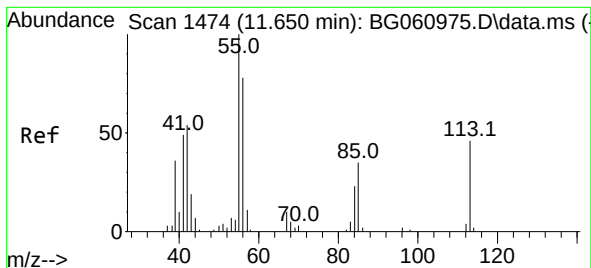
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 39525 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 33.0  | 25.7  | 38.5  |
| 65       | 39.8  | 31.4  | 47.0  |
| 92       | 21.9  | 18.3  | 27.5  |



#34  
Hexachlorobutadiene  
Concen: 46.600 ng  
RT: 11.079 min Scan# 1377  
Delta R.T. 0.004 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 90548 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 64.2  | 53.2  | 79.8  |
| 227      | 62.8  | 51.9  | 77.9  |





#35

Caprolactam

Concen: 32.371 ng

RT: 11.678 min Scan# 14

Delta R.T. 0.027 min

Lab File: BG061040.D

Acq: 25 Apr 2024 16:40

Instrument :

BNA\_G

ClientSampleId :

RO-RBR200059MS

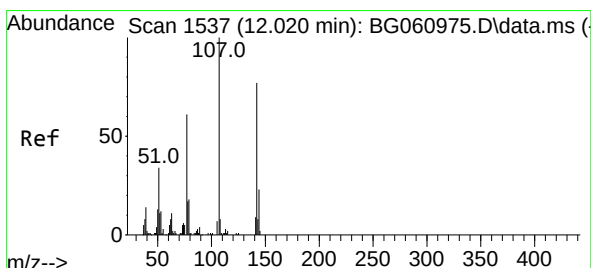
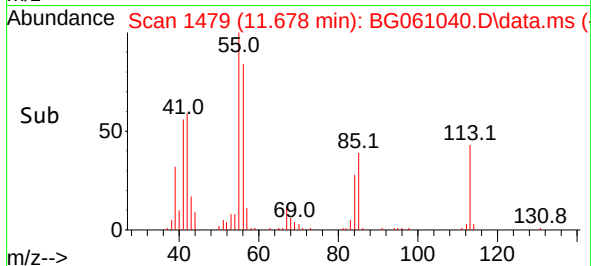
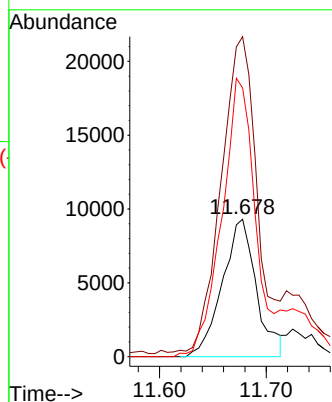
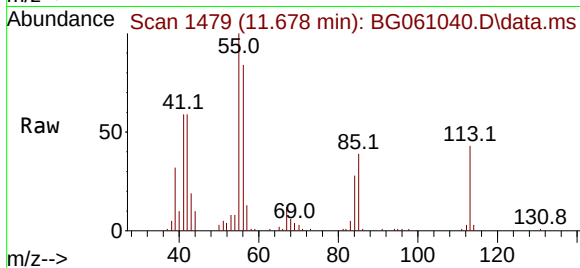
Tgt Ion:113 Resp: 20647

Ion Ratio Lower Upper

113 100

55 232.8 197.9 237.9

56 195.6 151.1 191.1#



#36

4-Chloro-3-methylphenol

Concen: 40.112 ng

RT: 12.030 min Scan# 1539

Delta R.T. 0.010 min

Lab File: BG061040.D

Acq: 25 Apr 2024 16:40

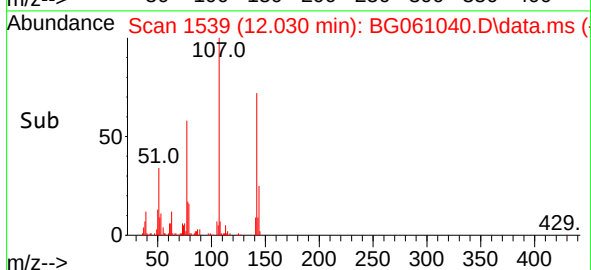
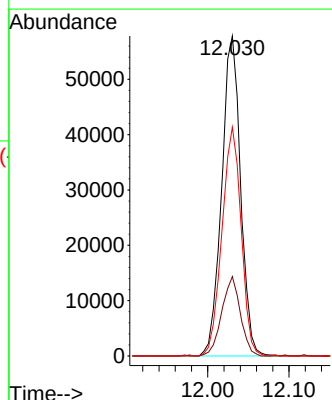
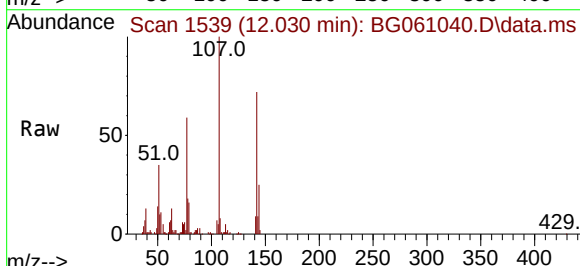
Tgt Ion:107 Resp: 93682

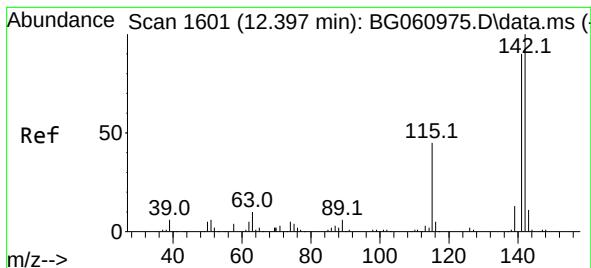
Ion Ratio Lower Upper

107 100

144 24.8 18.5 27.7

142 71.5 61.4 92.0

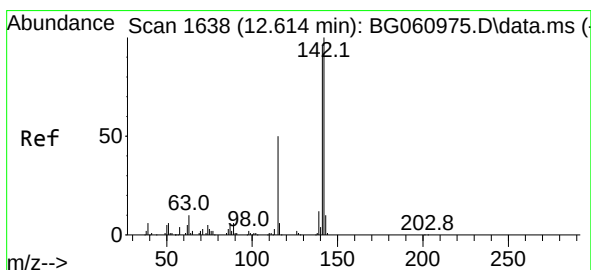
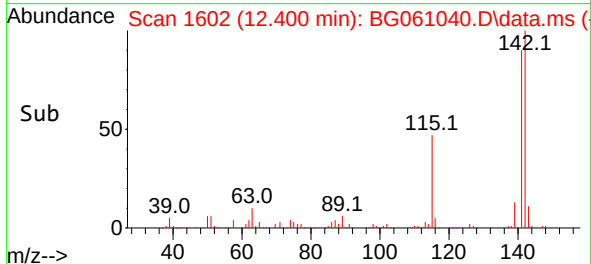
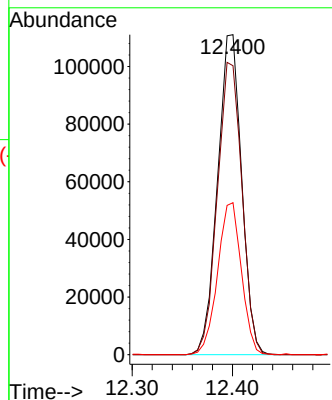
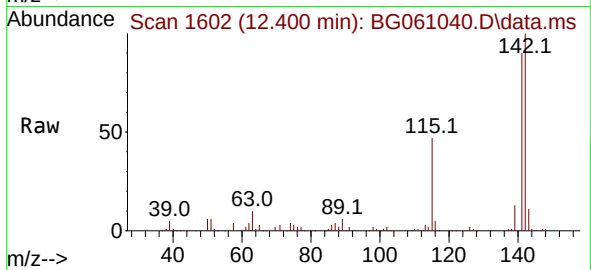




#37  
2-Methylnaphthalene  
Concen: 39.794 ng  
RT: 12.400 min Scan# 1  
Delta R.T. 0.004 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

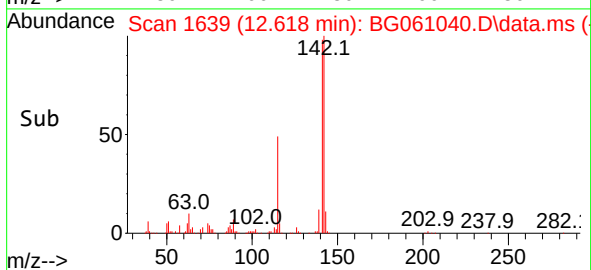
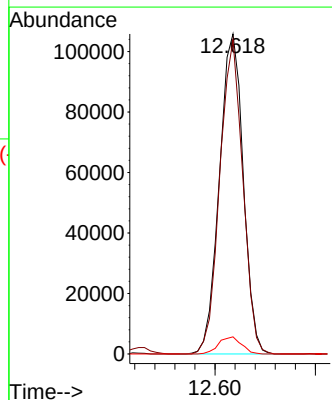
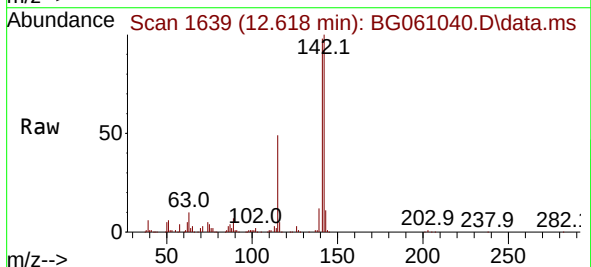
Instrument :  
BNA\_G  
ClientSampleId :  
RO-RBR200059MS

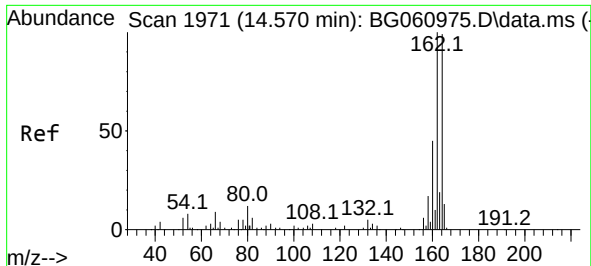
Tgt Ion:142 Resp: 184468  
Ion Ratio Lower Upper  
142 100  
141 90.3 72.2 108.4  
115 47.5 35.9 53.9



#38  
1-Methylnaphthalene  
Concen: 40.215 ng  
RT: 12.618 min Scan# 1639  
Delta R.T. 0.004 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

Tgt Ion:142 Resp: 173962  
Ion Ratio Lower Upper  
142 100  
141 98.2 76.8 115.2  
116 5.4 4.4 6.6

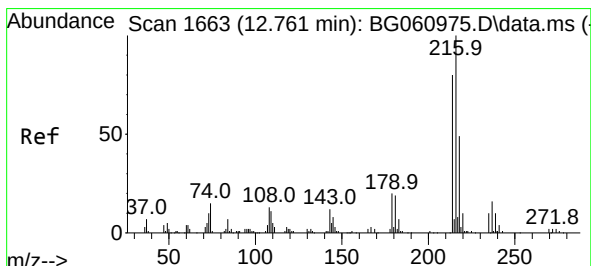
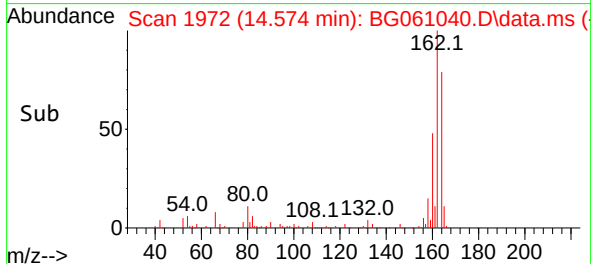
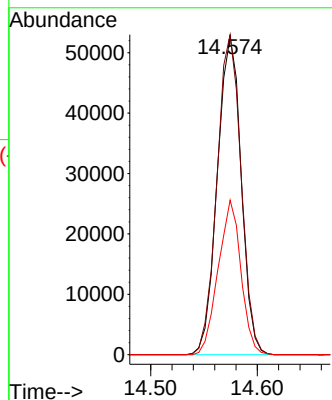
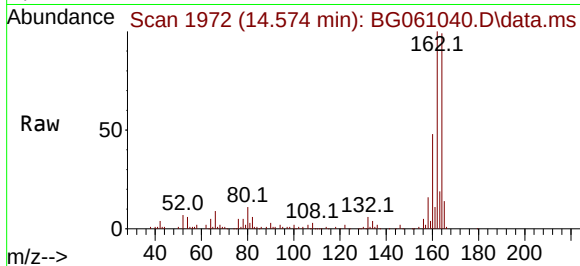




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.574 min Scan# 1971  
Delta R.T. 0.004 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

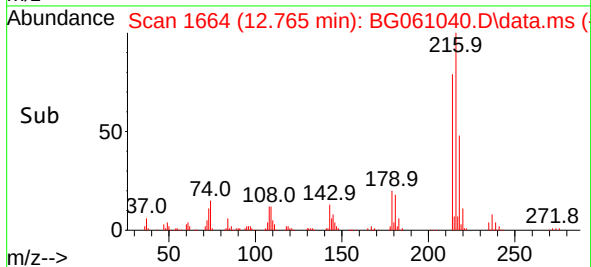
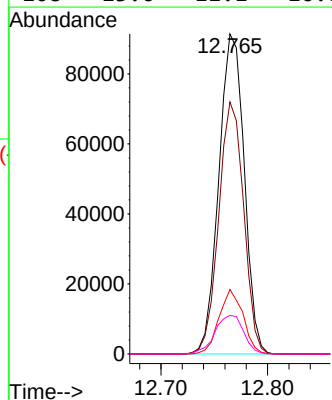
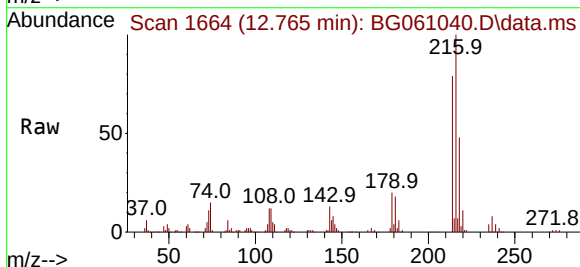
Instrument :  
BNA\_G  
ClientSampleId :  
RO-RBR200059MS

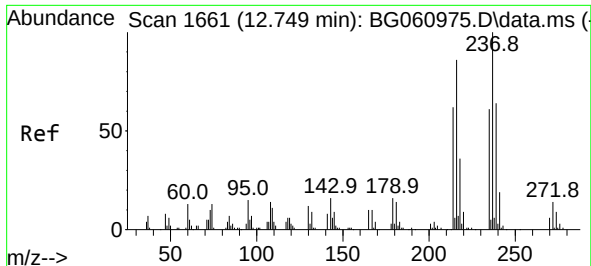
Tgt Ion:164 Resp: 81719  
Ion Ratio Lower Upper  
164 100  
162 100.6 81.2 121.8  
160 48.6 36.2 54.2



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 51.985 ng  
RT: 12.765 min Scan# 1664  
Delta R.T. 0.004 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

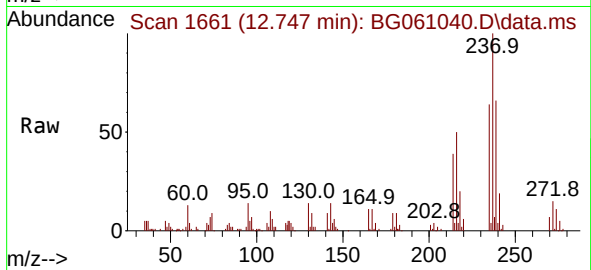
Tgt Ion:216 Resp: 150969  
Ion Ratio Lower Upper  
216 100  
214 77.4 63.3 94.9  
179 19.1 15.2 22.8  
108 13.6 11.1 16.7



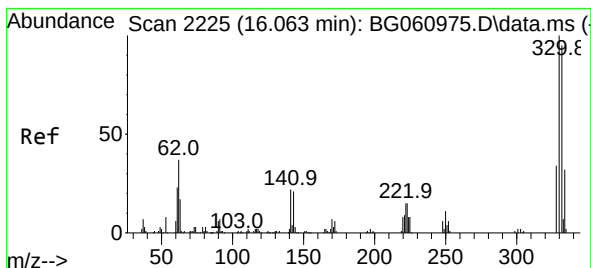
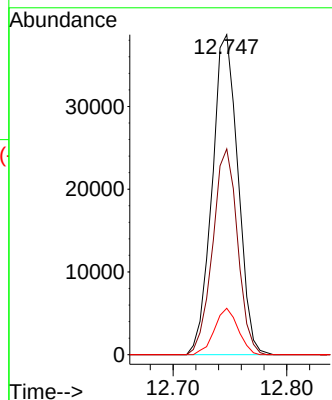
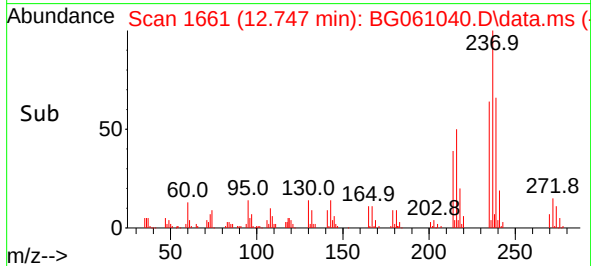


#41  
Hexachlorocyclopentadiene  
Concen: 35.699 ng  
RT: 12.747 min Scan# 1  
Delta R.T. -0.002 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

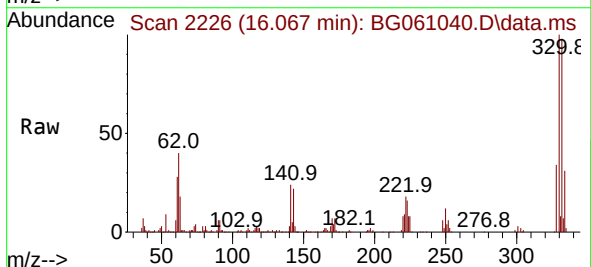
Instrument :  
BNA\_G  
ClientSampleId :  
RO-RBR200059MS



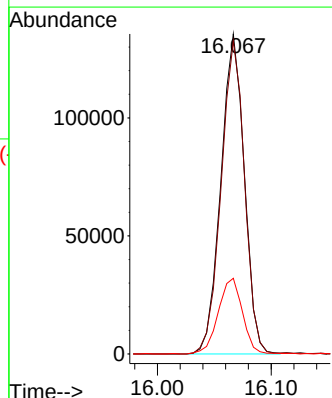
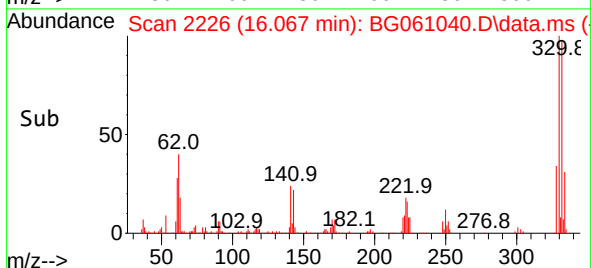
Tgt Ion:237 Resp: 61001  
Ion Ratio Lower Upper  
237 100  
235 64.3 40.7 80.7  
272 14.5 0.0 34.5



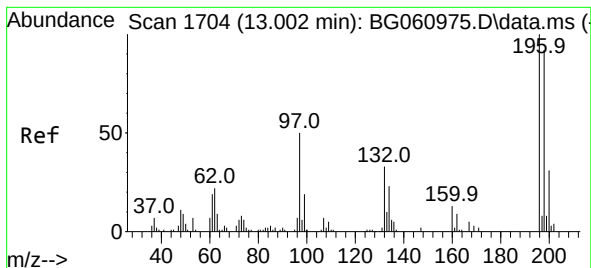
#42  
2,4,6-Tribromophenol  
Concen: 108.142 ng  
RT: 16.067 min Scan# 2226  
Delta R.T. 0.004 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40



Tgt Ion:330 Resp: 194059  
Ion Ratio Lower Upper  
330 100  
332 97.8 77.1 115.7  
141 24.5 20.6 31.0



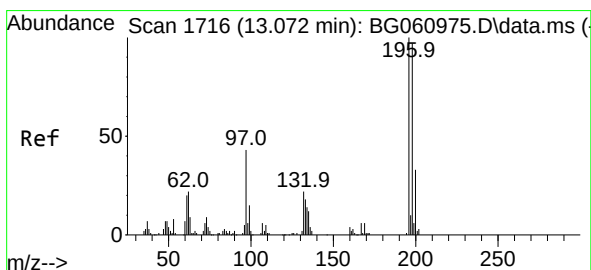
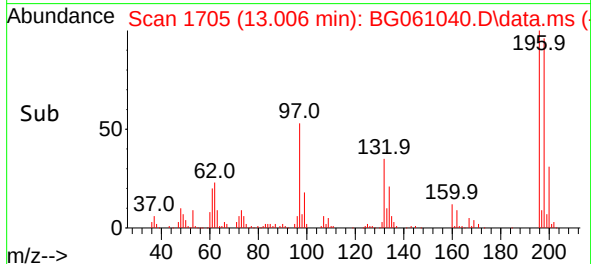
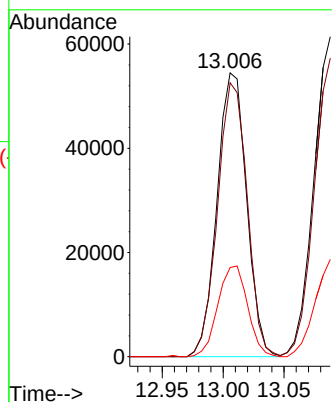
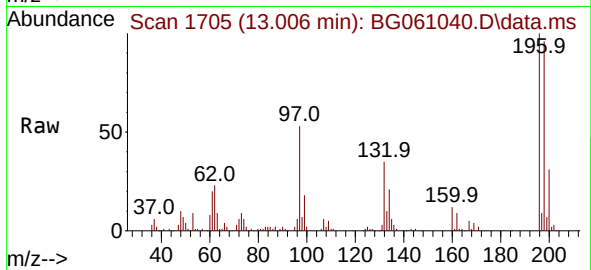




#43  
2,4,6-Trichlorophenol  
Concen: 48.214 ng  
RT: 13.006 min Scan# 1719  
Delta R.T. 0.004 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

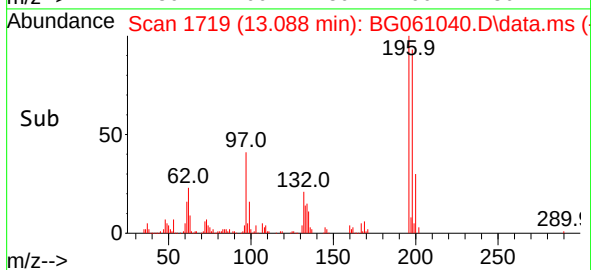
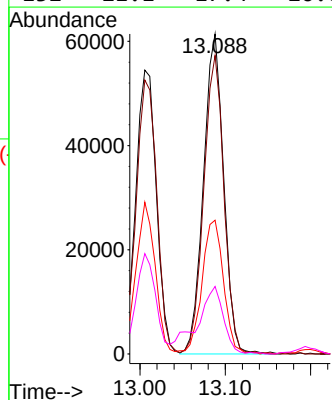
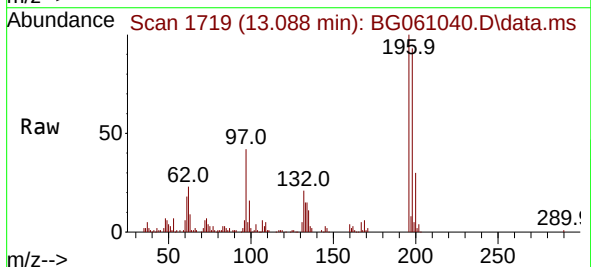
Instrument :  
BNA\_G  
ClientSampleId :  
RO-RBR200059MS

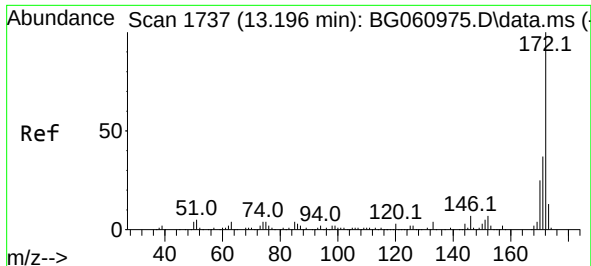
Tgt Ion:196 Resp: 92041  
Ion Ratio Lower Upper  
196 100  
198 96.5 73.5 110.3  
200 31.4 24.8 37.2



#44  
2,4,5-Trichlorophenol  
Concen: 44.878 ng  
RT: 13.088 min Scan# 1719  
Delta R.T. 0.016 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

Tgt Ion:196 Resp: 101342  
Ion Ratio Lower Upper  
196 100  
198 93.3 77.7 116.5  
97 41.8 34.2 51.4  
132 21.1 17.4 26.0

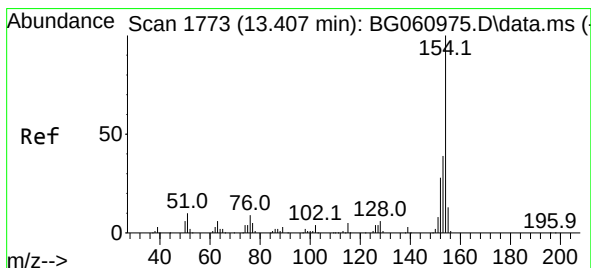
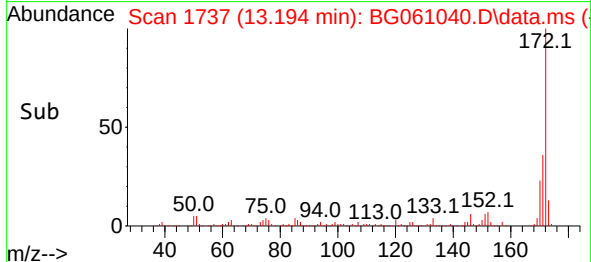
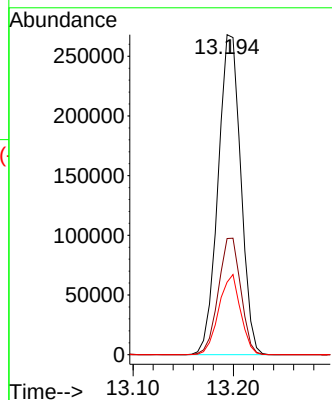
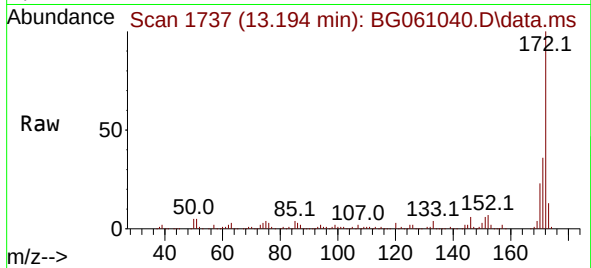




#45  
2-Fluorobiphenyl  
Concen: 71.222 ng  
RT: 13.194 min Scan# 1737  
Delta R.T. -0.002 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

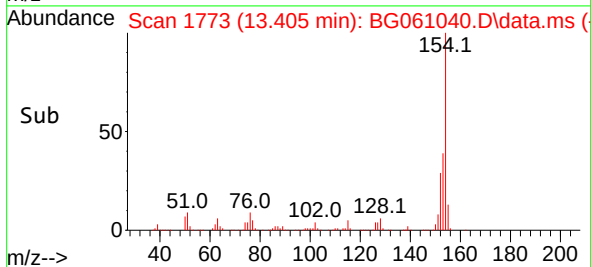
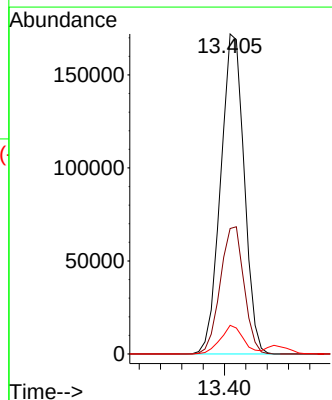
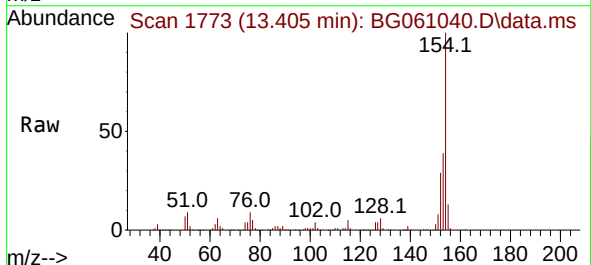
Instrument :  
BNA\_G  
ClientSampleId :  
RO-RBR200059MS

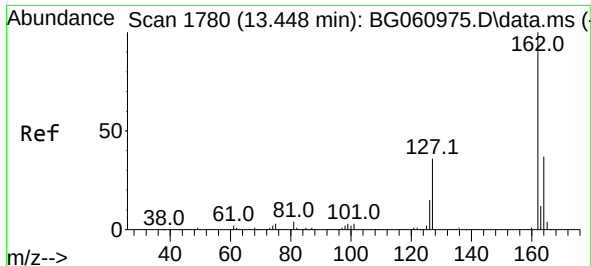
Tgt Ion:172 Resp: 420531  
Ion Ratio Lower Upper  
172 100  
171 36.3 29.3 43.9  
170 22.7 20.1 30.1



#46  
1,1'-Biphenyl  
Concen: 47.729 ng  
RT: 13.405 min Scan# 1773  
Delta R.T. -0.002 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

Tgt Ion:154 Resp: 262723  
Ion Ratio Lower Upper  
154 100  
153 39.2 19.4 59.4  
76 8.9 0.0 28.6

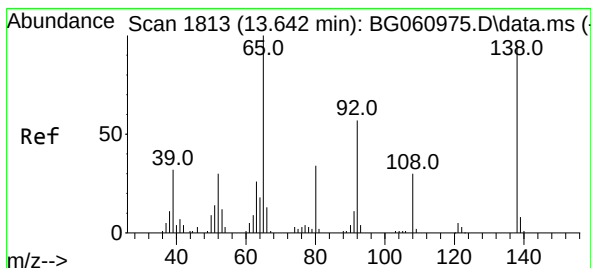
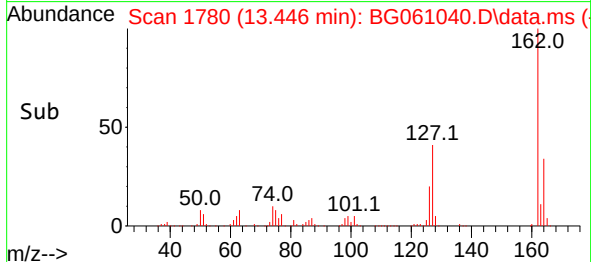
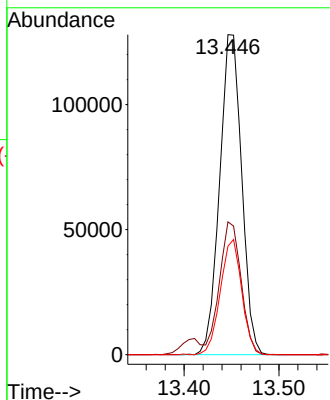
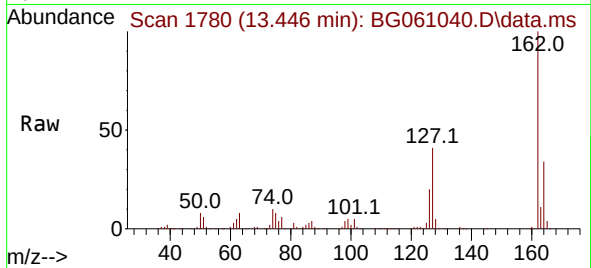




#47  
2-Chloronaphthalene  
Concen: 49.076 ng  
RT: 13.446 min Scan# 11  
Delta R.T. -0.002 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

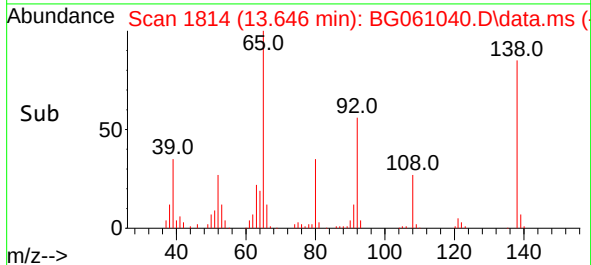
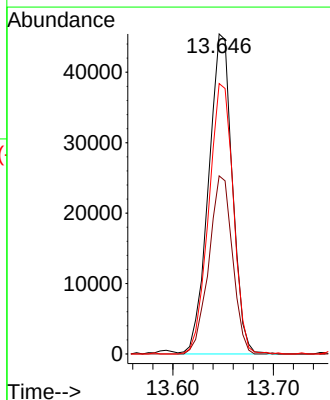
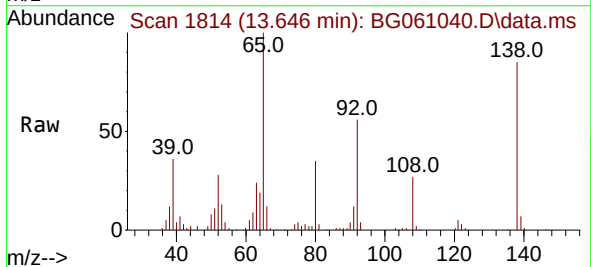
Instrument :  
BNA\_G  
ClientSampleId :  
RO-RBR200059MS

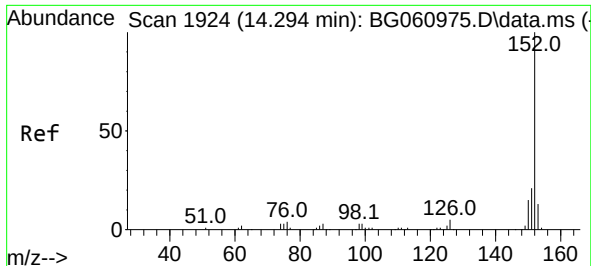
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 162   | Resp: | 207123 |
| Ion      | Ratio | Lower | Upper  |
| 162      | 100   |       |        |
| 127      | 41.5  | 32.6  | 49.0   |
| 164      | 33.9  | 29.9  | 44.9   |



#48  
2-Nitroaniline  
Concen: 43.929 ng  
RT: 13.646 min Scan# 1814  
Delta R.T. 0.004 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 65    | Resp: | 74826 |
| Ion      | Ratio | Lower | Upper |
| 65       | 100   |       |       |
| 92       | 55.7  | 45.4  | 68.2  |
| 138      | 84.5  | 75.8  | 113.6 |

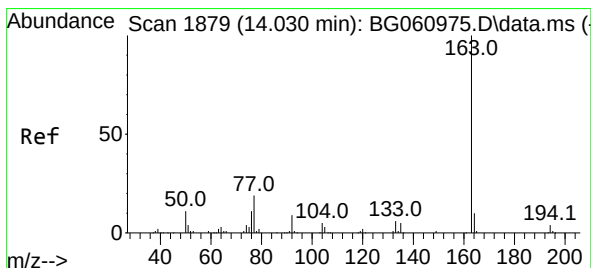
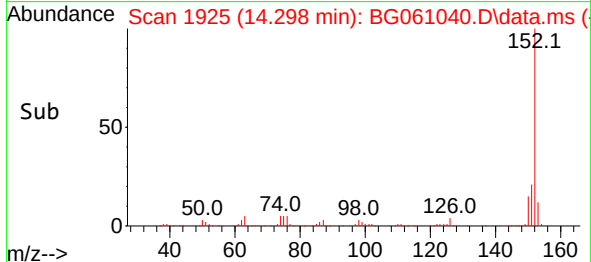
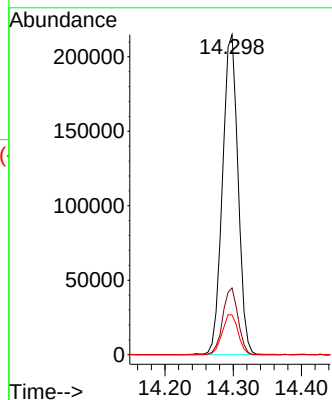
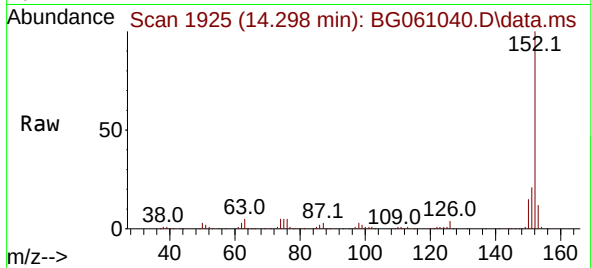




#49  
Acenaphthylene  
Concen: 47.929 ng  
RT: 14.298 min Scan# 1924  
Delta R.T. 0.004 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

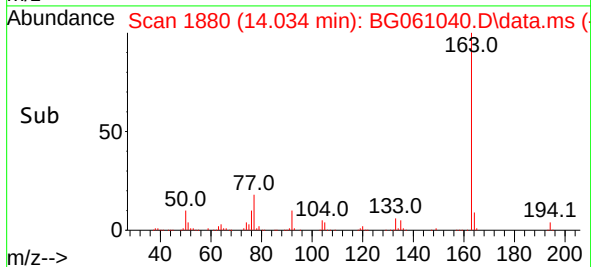
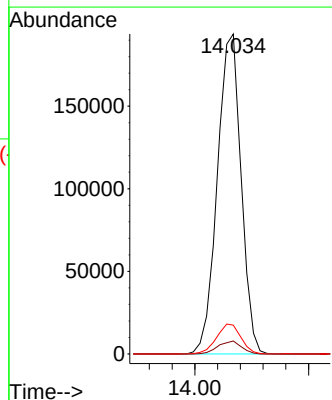
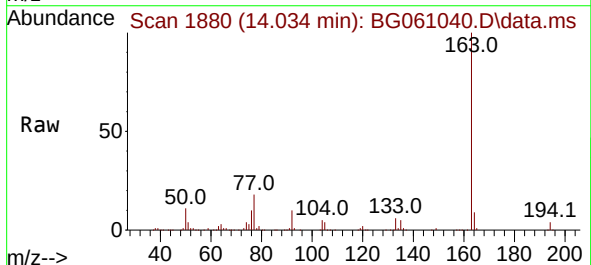
Instrument :  
BNA\_G  
ClientSampleId :  
RO-RBR200059MS

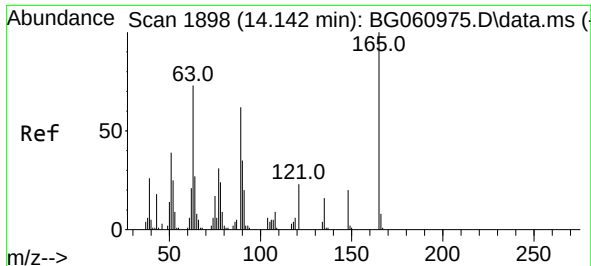
Tgt Ion:152 Resp: 340675  
Ion Ratio Lower Upper  
152 100  
151 20.9 16.6 25.0  
153 12.4 10.7 16.1



#50  
Dimethylphthalate  
Concen: 41.758 ng  
RT: 14.034 min Scan# 1880  
Delta R.T. 0.004 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

Tgt Ion:163 Resp: 281391  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.4 5.0  
164 9.0 8.4 12.6

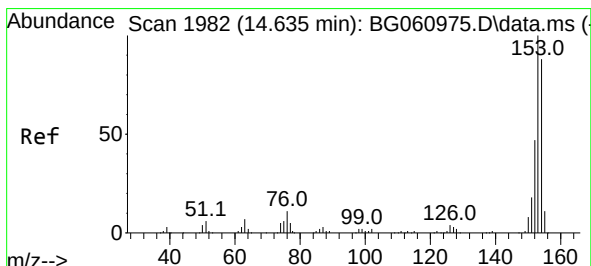
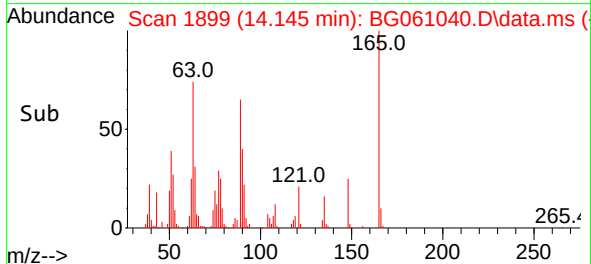
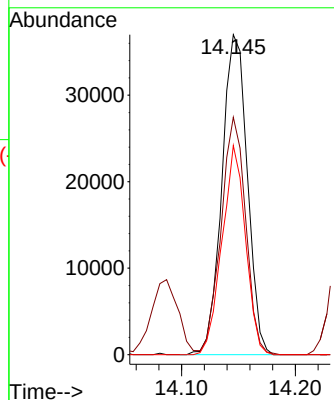
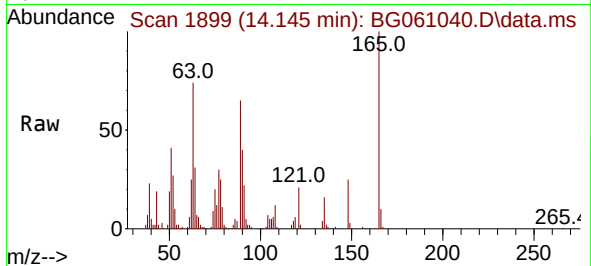




#51  
2,6-Dinitrotoluene  
Concen: 40.882 ng  
RT: 14.145 min Scan# 1898  
Delta R.T. 0.004 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

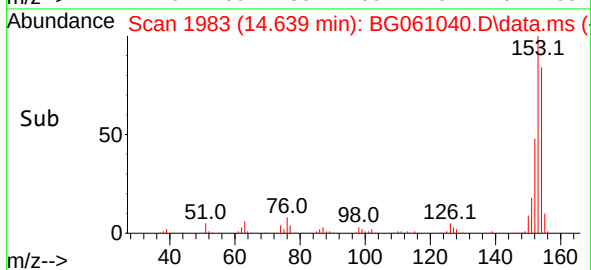
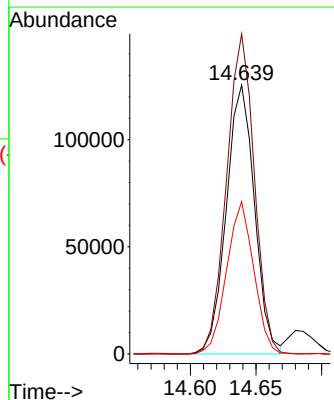
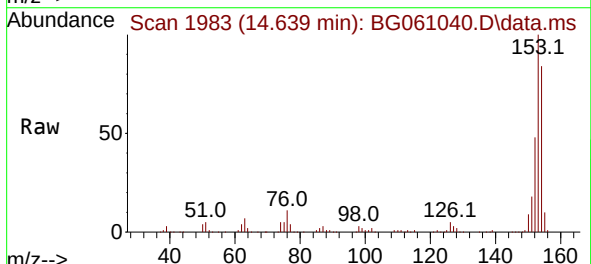
Instrument :  
BNA\_G  
ClientSampleId :  
RO-RBR200059MS

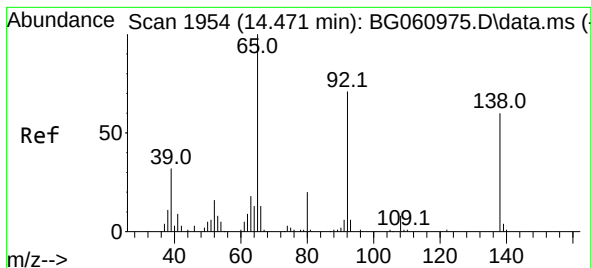
Tgt Ion:165 Resp: 57482  
Ion Ratio Lower Upper  
165 100  
63 74.2 59.6 89.4  
89 65.3 49.4 74.0



#52  
Acenaphthene  
Concen: 43.445 ng  
RT: 14.639 min Scan# 1983  
Delta R.T. 0.004 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

Tgt Ion:154 Resp: 187639  
Ion Ratio Lower Upper  
154 100  
153 119.0 91.2 136.8  
152 56.7 42.7 64.1

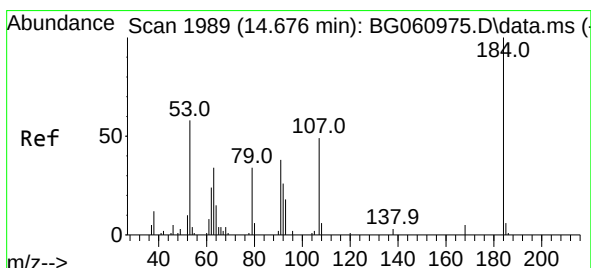
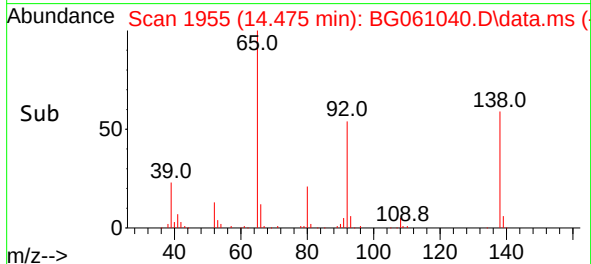
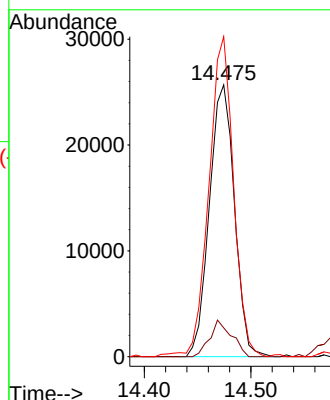
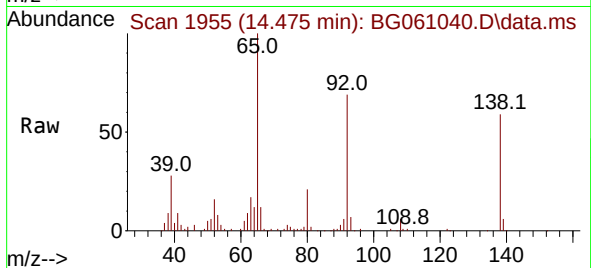




#53  
3-Nitroaniline  
Concen: 30.184 ng  
RT: 14.475 min Scan# 1954  
Delta R.T. 0.004 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

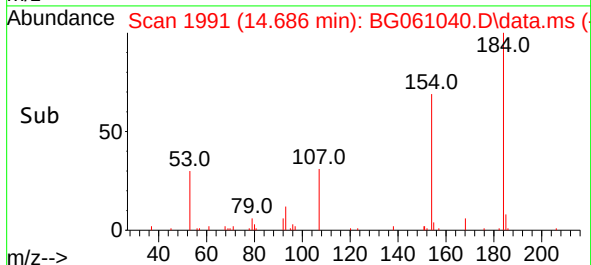
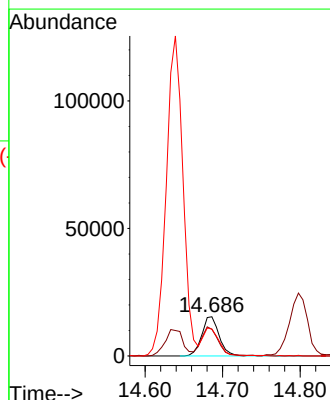
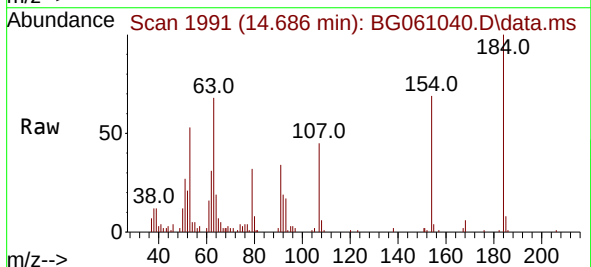
Instrument :  
BNA\_G  
ClientSampleId :  
RO-RBR200059MS

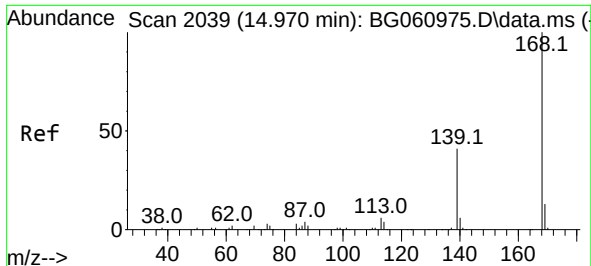
Tgt Ion:138 Resp: 41848  
Ion Ratio Lower Upper  
138 100  
108 10.6 10.1 15.1  
92 117.7 94.6 141.8



#54  
2,4-Dinitrophenol  
Concen: 30.128 ng  
RT: 14.686 min Scan# 1991  
Delta R.T. 0.010 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

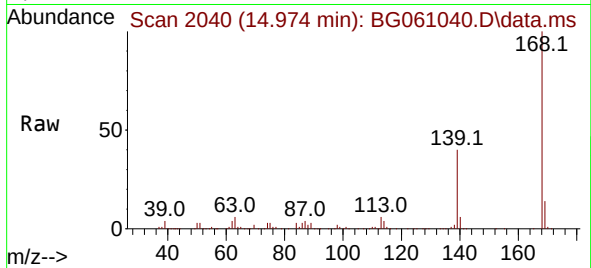
Tgt Ion:184 Resp: 24183  
Ion Ratio Lower Upper  
184 100  
63 68.2 59.0 88.6  
154 68.5 61.2 91.8



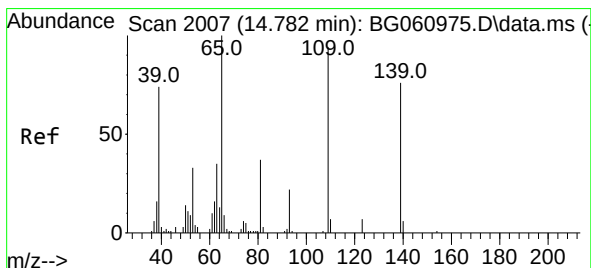
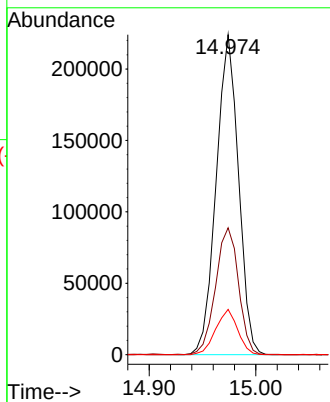
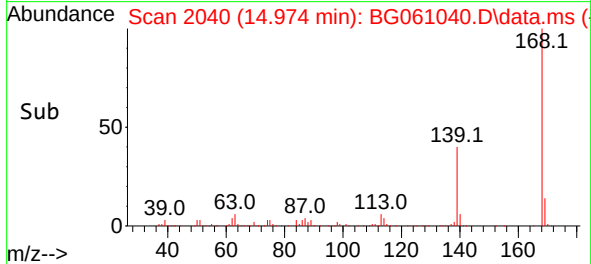


#55  
Dibenzenofuran  
Concen: 43.472 ng  
RT: 14.974 min Scan# 2039  
Delta R.T. 0.004 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

Instrument :  
BNA\_G  
ClientSampleId :  
RO-RBR200059MS

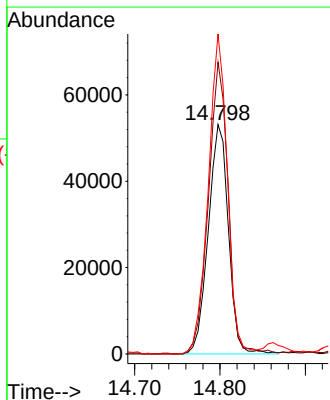
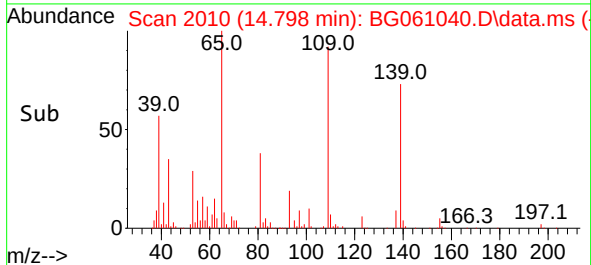
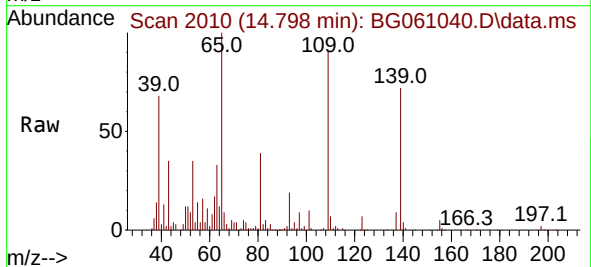


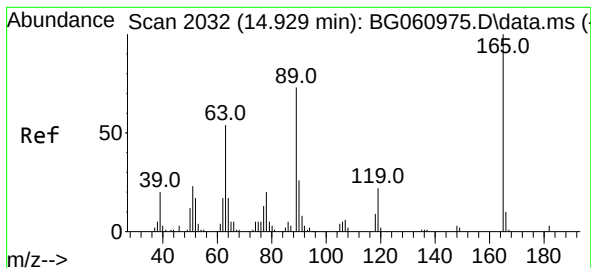
Tgt Ion:168 Resp: 324216  
Ion Ratio Lower Upper  
168 100  
139 39.7 32.4 48.6  
169 14.2 10.6 15.8



#56  
4-Nitrophenol  
Concen: 87.738 ng  
RT: 14.798 min Scan# 2010  
Delta R.T. 0.016 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

Tgt Ion:139 Resp: 87148  
Ion Ratio Lower Upper  
139 100  
109 127.2 104.1 144.1  
65 139.5 112.0 152.0

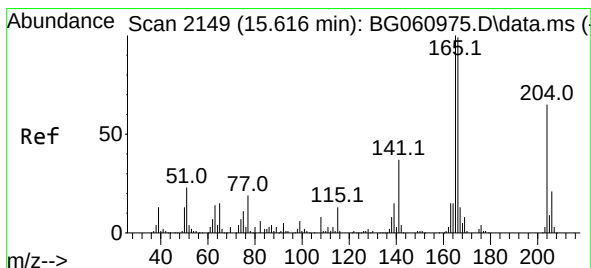
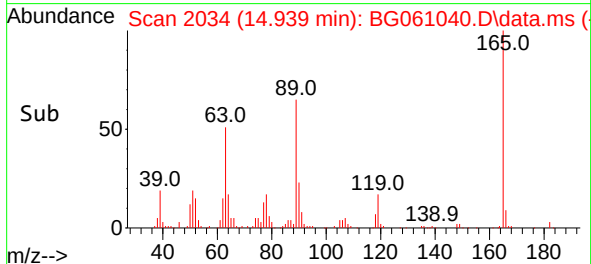
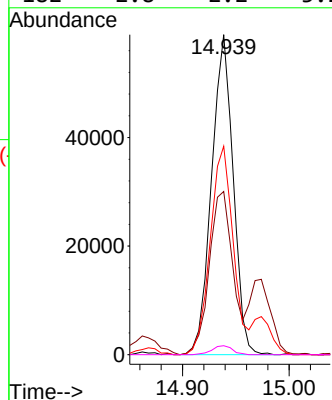
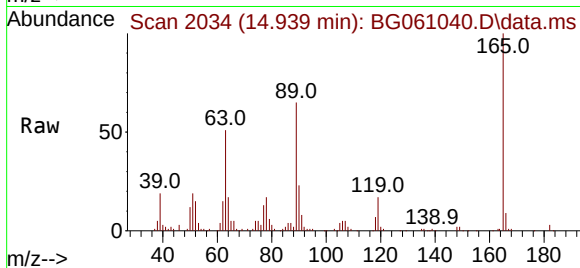




#57  
2,4-Dinitrotoluene  
Concen: 40.949 ng  
RT: 14.939 min Scan# 2032  
Delta R.T. 0.010 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

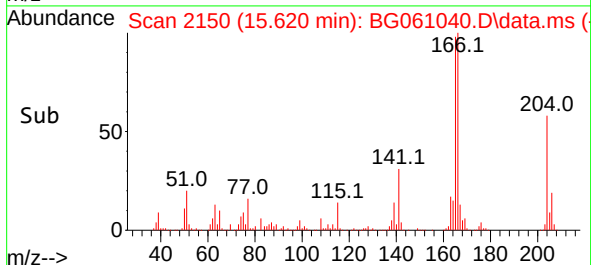
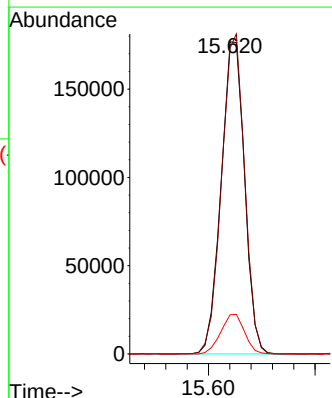
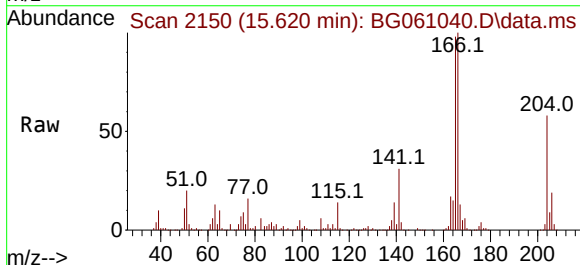
Instrument :  
BNA\_G  
ClientSampleId :  
RO-RBR200059MS

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:165 | Resp: | 82925     |
| Ion Ratio   | Lower | Upper     |
| 165         | 100   |           |
| 63          | 51.0  | 43.4 65.2 |
| 89          | 65.1  | 58.4 87.6 |
| 182         | 2.8   | 2.2 3.2   |

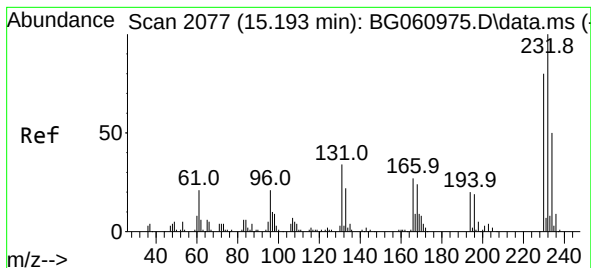


#58  
Fluorene  
Concen: 42.922 ng  
RT: 15.620 min Scan# 2150  
Delta R.T. 0.004 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:166 | Resp: | 270192     |
| Ion Ratio   | Lower | Upper      |
| 166         | 100   |            |
| 165         | 98.1  | 80.9 121.3 |
| 167         | 12.6  | 10.5 15.7  |



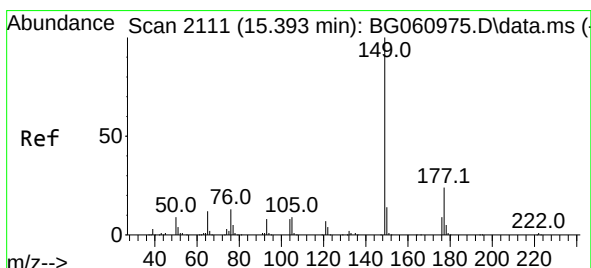
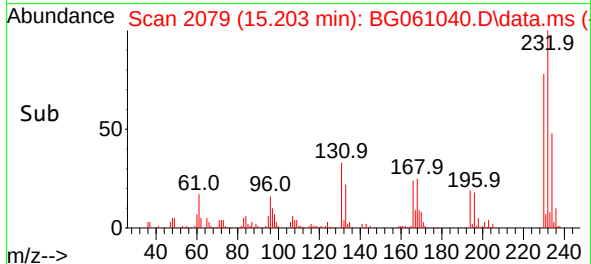
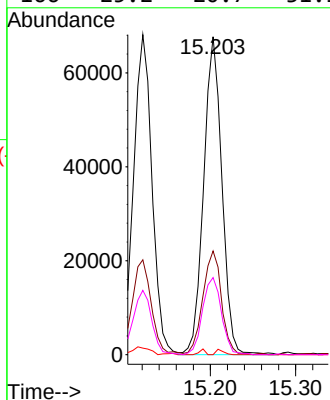
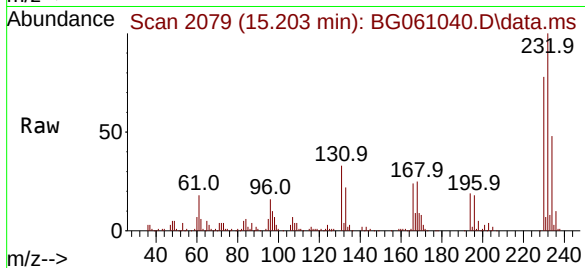




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 44.196 ng  
RT: 15.203 min Scan# 2077  
Delta R.T. 0.010 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

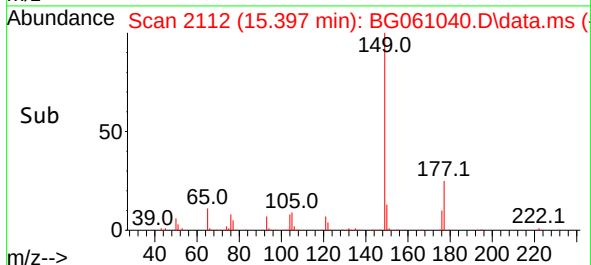
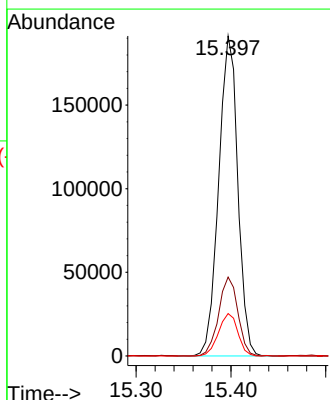
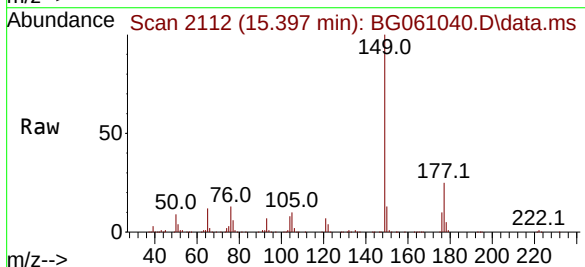
Instrument :  
BNA\_G  
ClientSampleId :  
RO-RBR200059MS

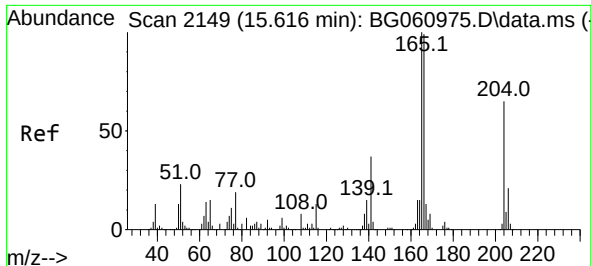
Tgt Ion:232 Resp: 100727  
Ion Ratio Lower Upper  
232 100  
131 33.3 27.4 41.0  
130 0.7 1.5 2.3#  
166 25.2 20.7 31.1



#60  
Diethylphthalate  
Concen: 40.478 ng  
RT: 15.397 min Scan# 2112  
Delta R.T. 0.004 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

Tgt Ion:149 Resp: 268623  
Ion Ratio Lower Upper  
149 100  
177 24.7 18.8 28.2  
150 13.2 11.2 16.8

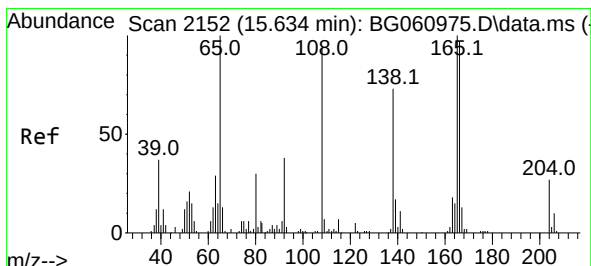
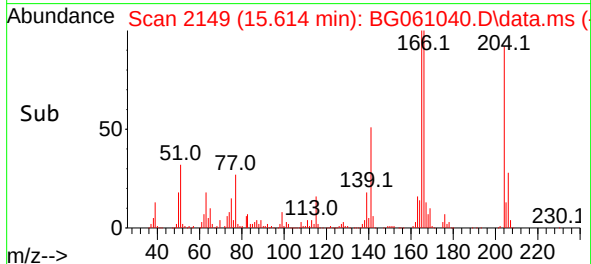
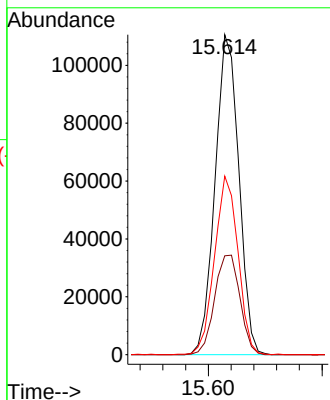
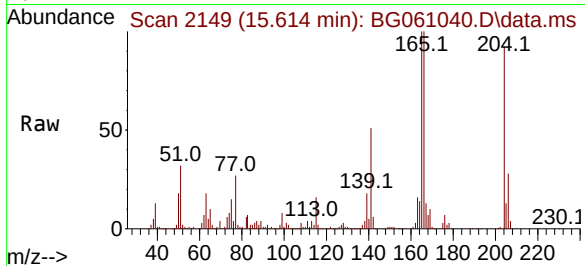




#61  
4-Chlorophenyl-phenylether  
Concen: 41.347 ng  
RT: 15.614 min Scan# 2149  
Delta R.T. -0.002 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

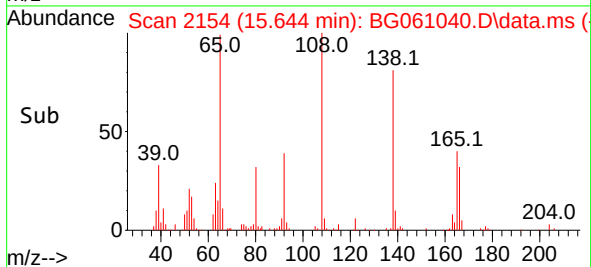
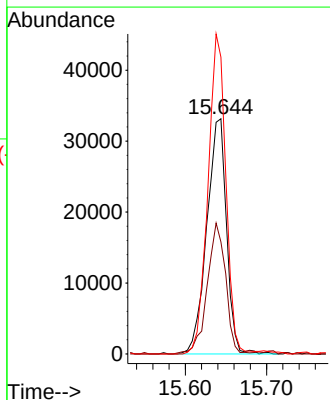
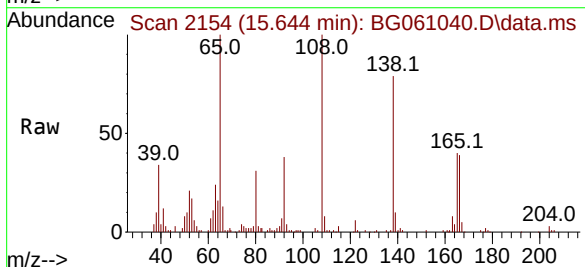
Instrument :  
BNA\_G  
ClientSampleId :  
RO-RBR200059MS

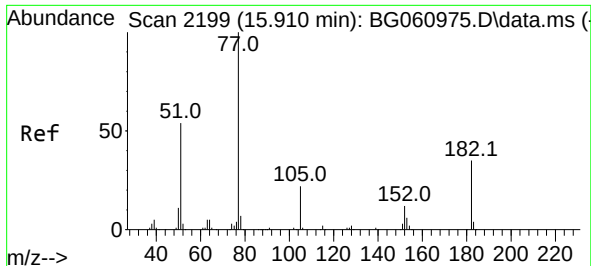
Tgt Ion:204 Resp: 160527  
Ion Ratio Lower Upper  
204 100  
206 30.9 25.6 38.4  
141 55.8 45.4 68.0



#62  
4-Nitroaniline  
Concen: 37.419 ng  
RT: 15.644 min Scan# 2154  
Delta R.T. 0.010 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

Tgt Ion:138 Resp: 55941  
Ion Ratio Lower Upper  
138 100  
92 47.6 32.2 72.2  
108 126.2 109.0 149.0



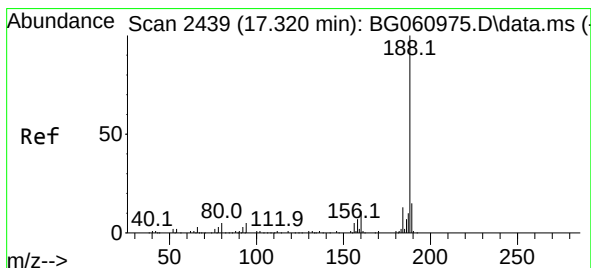
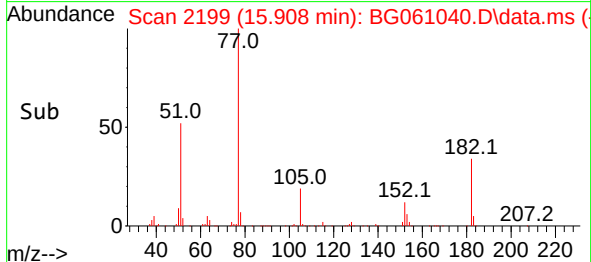
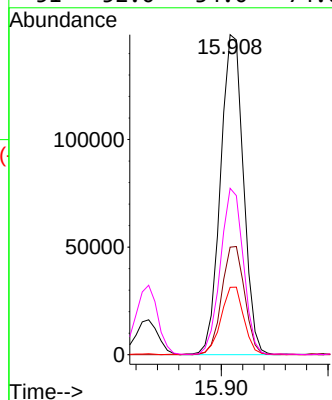
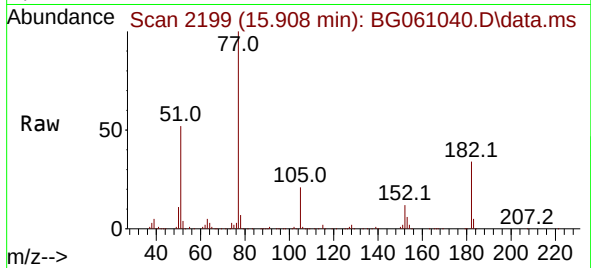


#63  
Azobenzene  
Concen: 41.133 ng  
RT: 15.908 min Scan# 2199  
Delta R.T. -0.002 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

Instrument :  
BNA\_G  
ClientSampleId :  
RO-RBR200059MS

Tgt Ion: 77 Resp: 222028

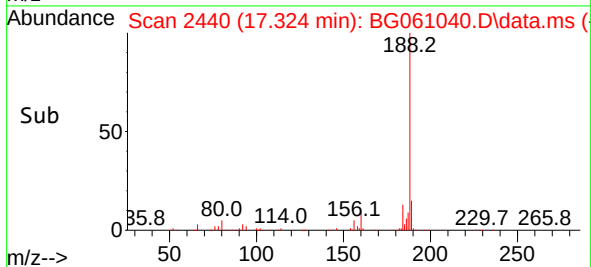
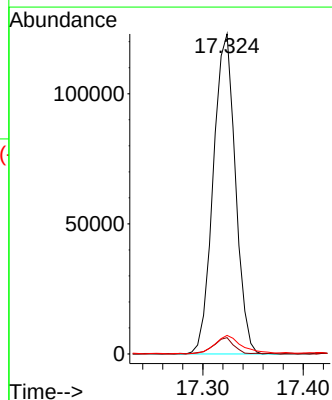
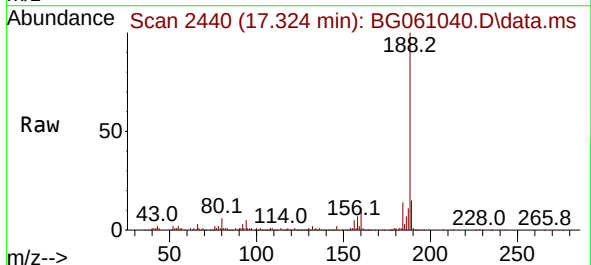
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 33.6  | 14.5  | 54.5  |
| 105 | 21.0  | 1.9   | 41.9  |
| 51  | 52.0  | 34.0  | 74.0  |

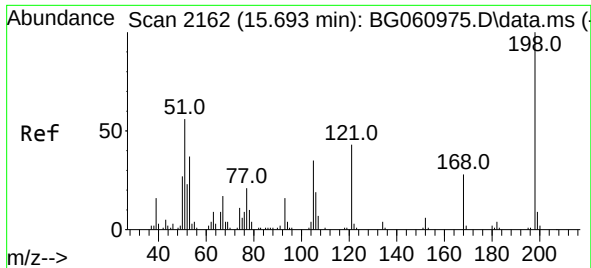


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.324 min Scan# 2440  
Delta R.T. 0.004 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

Tgt Ion: 188 Resp: 188224

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 5.1   | 4.1   | 6.1   |
| 80  | 5.8   | 4.0   | 6.0   |

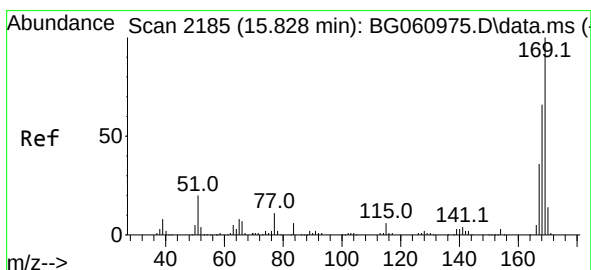
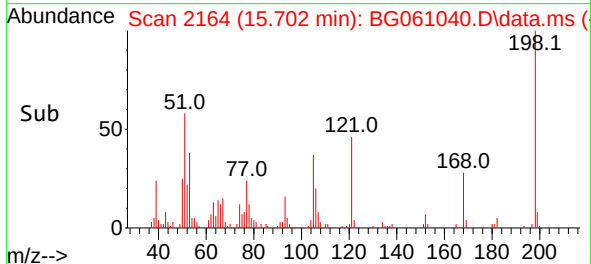
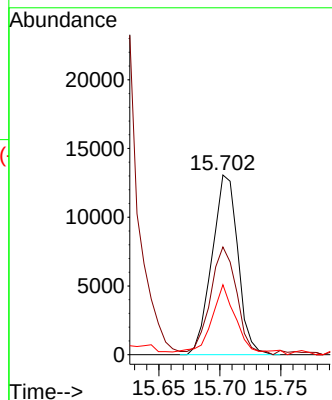
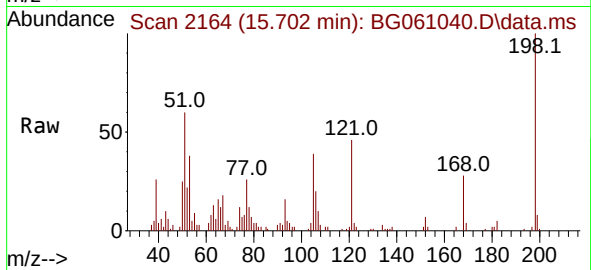




#65  
4,6-Dinitro-2-methylphenol  
Concen: 16.620 ng  
RT: 15.702 min Scan# 2164  
Delta R.T. 0.009 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

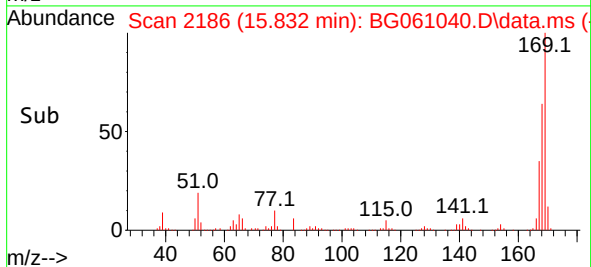
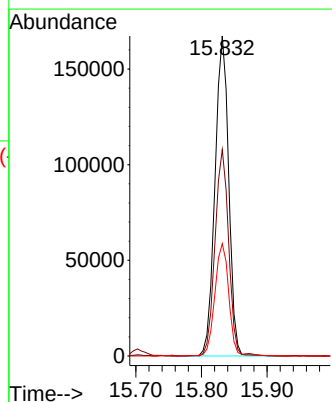
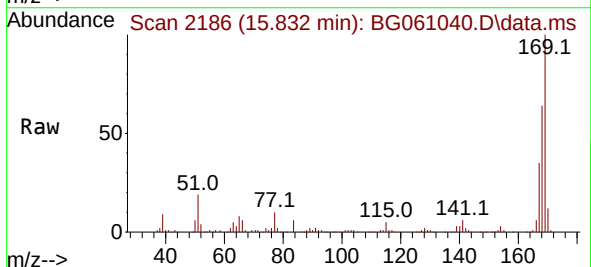
Instrument :  
BNA\_G  
ClientSampleId :  
RO-RBR200059MS

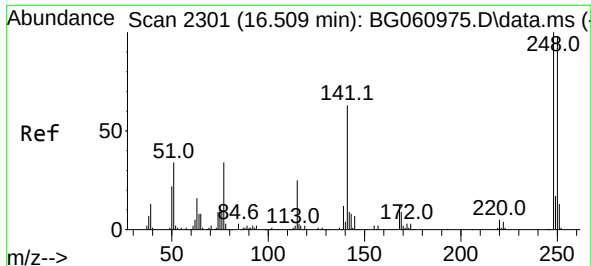
Tgt Ion:198 Resp: 19316  
Ion Ratio Lower Upper  
198 100  
51 59.9 38.6 78.6  
105 38.9 14.5 54.5



#66  
n-Nitrosodiphenylamine  
Concen: 46.596 ng  
RT: 15.832 min Scan# 2186  
Delta R.T. 0.004 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

Tgt Ion:169 Resp: 241631  
Ion Ratio Lower Upper  
169 100  
168 64.5 52.5 78.7  
167 35.1 28.8 43.2

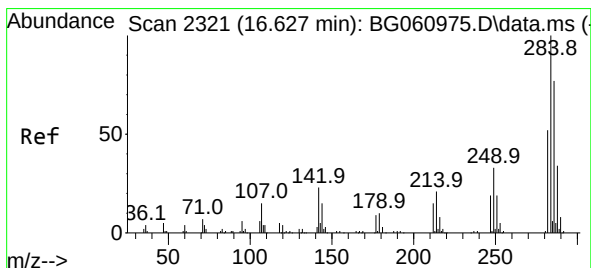
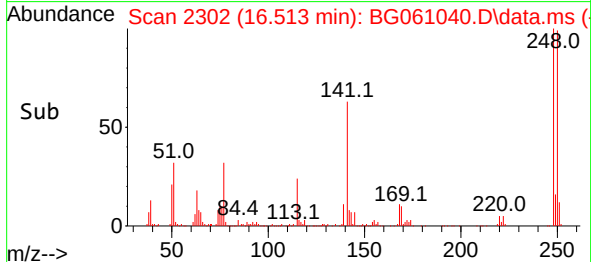
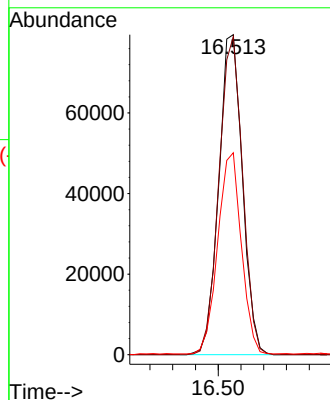
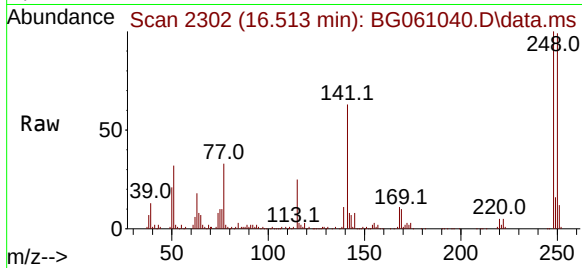




#67  
4-Bromophenyl-phenylether  
Concen: 46.185 ng  
RT: 16.513 min Scan# 21  
Delta R.T. 0.004 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

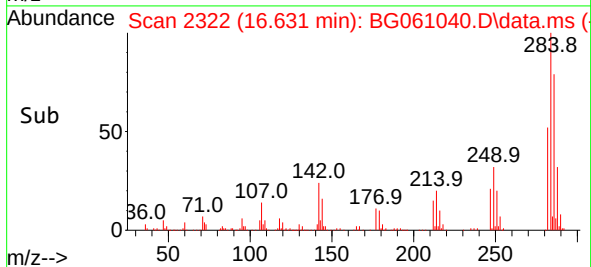
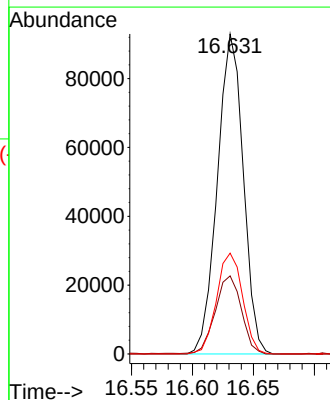
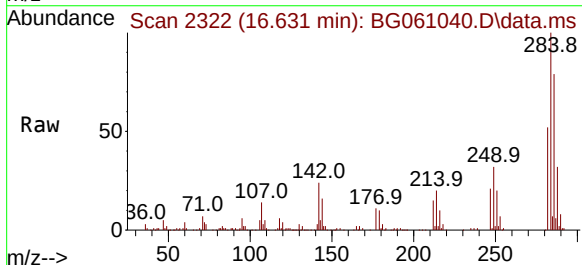
Instrument :  
BNA\_G  
ClientSampleId :  
RO-RBR200059MS

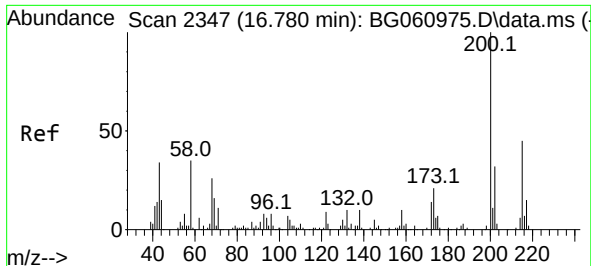
Tgt Ion:248 Resp: 114729  
Ion Ratio Lower Upper  
248 100  
250 99.4 78.7 118.1  
141 63.1 50.4 75.6



#68  
Hexachlorobenzene  
Concen: 49.984 ng  
RT: 16.631 min Scan# 2322  
Delta R.T. 0.004 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

Tgt Ion:284 Resp: 137149  
Ion Ratio Lower Upper  
284 100  
142 24.4 18.7 28.1  
249 31.5 26.4 39.6

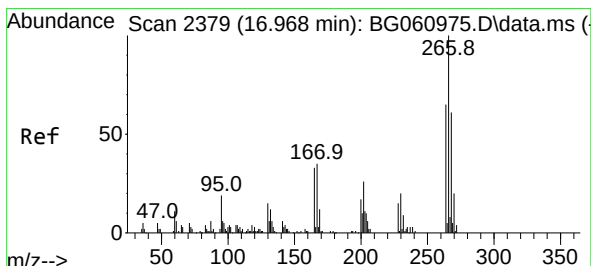
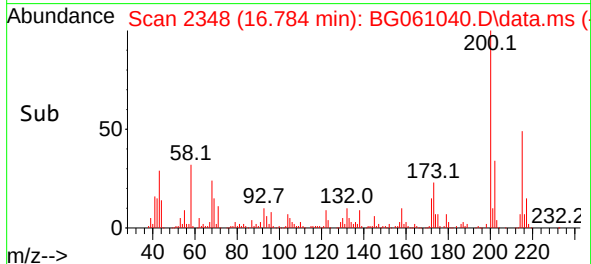
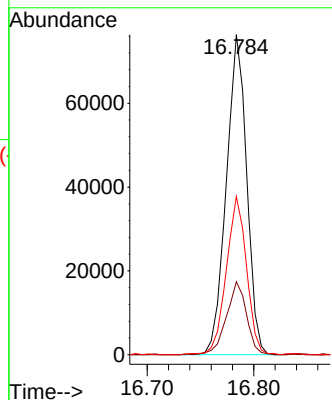
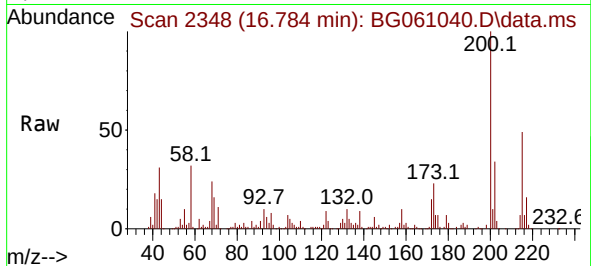




#69  
 Atrazine  
 Concen: 52.230 ng  
 RT: 16.784 min Scan# 21  
 Delta R.T. 0.004 min  
 Lab File: BG061040.D  
 Acq: 25 Apr 2024 16:40

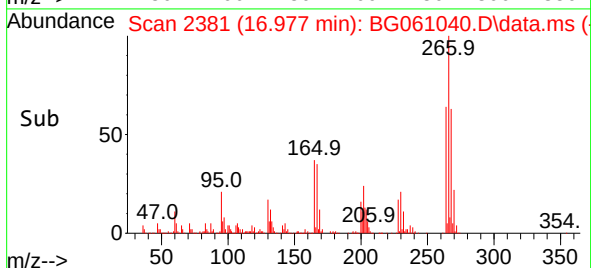
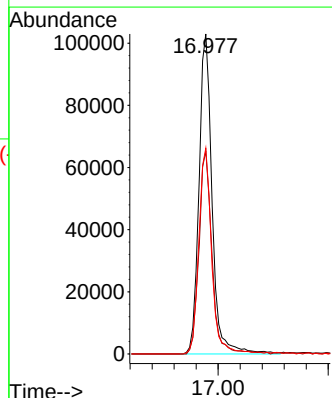
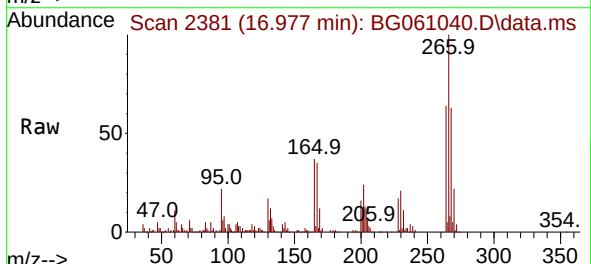
Instrument :  
 BNA\_G  
 ClientSampleId :  
 RO-RBR200059MS

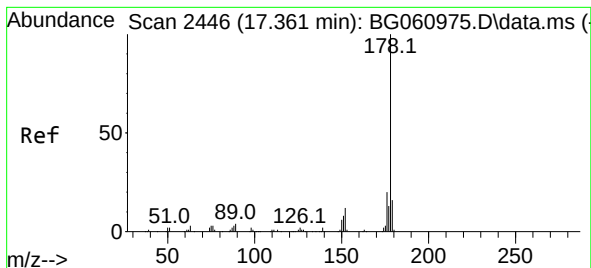
Tgt Ion:200 Resp: 101369  
 Ion Ratio Lower Upper  
 200 100  
 173 22.8 1.4 41.4  
 215 49.4 25.3 65.3



#70  
 Pentachlorophenol  
 Concen: 94.807 ng  
 RT: 16.977 min Scan# 2381  
 Delta R.T. 0.009 min  
 Lab File: BG061040.D  
 Acq: 25 Apr 2024 16:40

Tgt Ion:266 Resp: 170579  
 Ion Ratio Lower Upper  
 266 100  
 268 63.4 49.1 73.7  
 264 64.3 52.2 78.2





#71

Phenanthrene

Concen: 46.259 ng

RT: 17.365 min Scan# 2446

Delta R.T. 0.004 min

Lab File: BG061040.D

Acq: 25 Apr 2024 16:40

Instrument :

BNA\_G

ClientSampleId :

RO-RBR200059MS

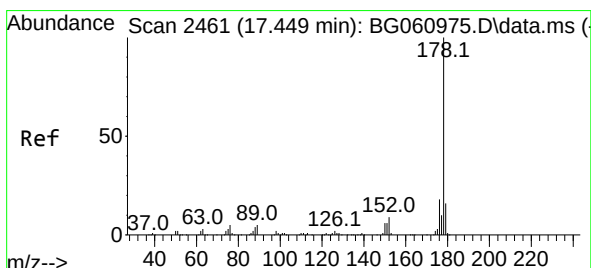
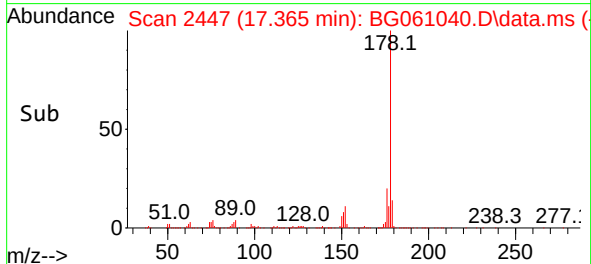
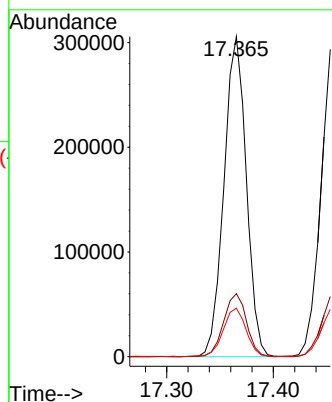
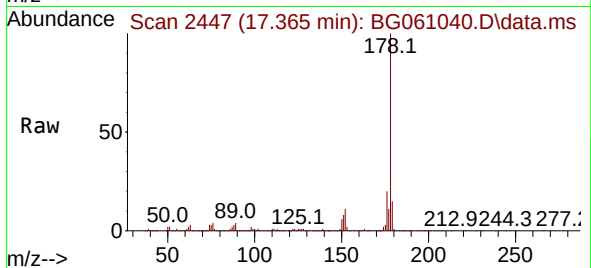
Tgt Ion:178 Resp: 444436

Ion Ratio Lower Upper

178 100

176 19.7 16.0 24.0

179 15.2 12.5 18.7



#72

Anthracene

Concen: 44.711 ng

RT: 17.453 min Scan# 2462

Delta R.T. 0.004 min

Lab File: BG061040.D

Acq: 25 Apr 2024 16:40

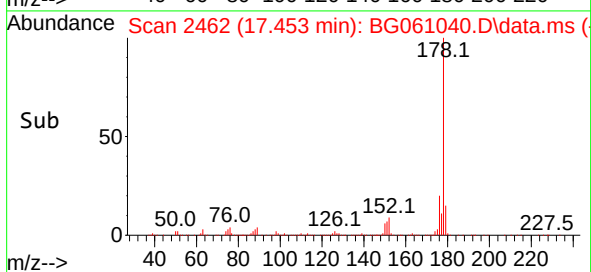
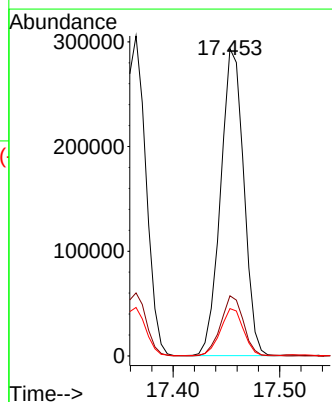
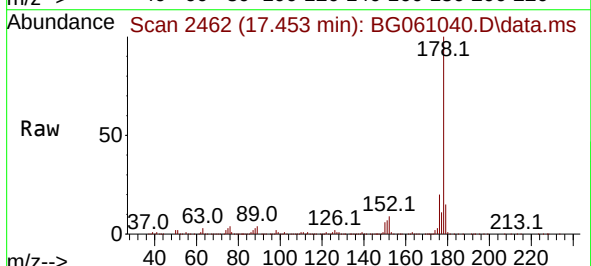
Tgt Ion:178 Resp: 442413

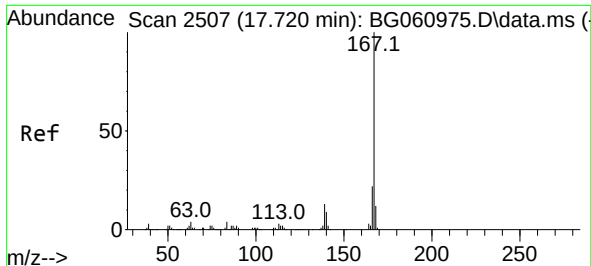
Ion Ratio Lower Upper

178 100

176 19.6 14.7 22.1

179 15.4 12.4 18.6

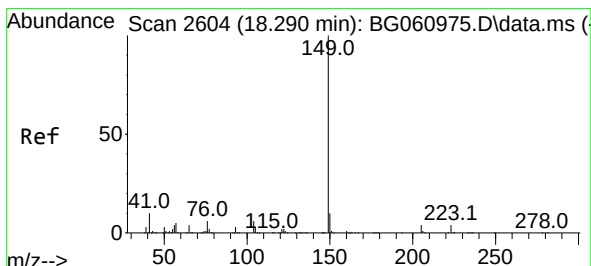
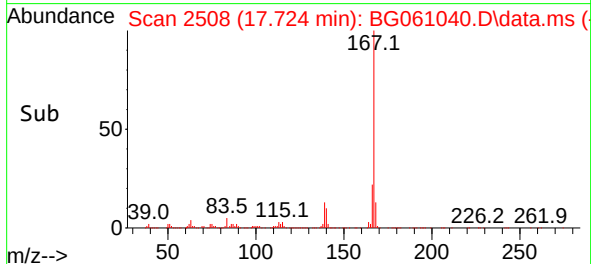
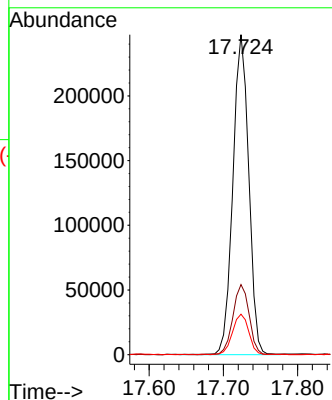
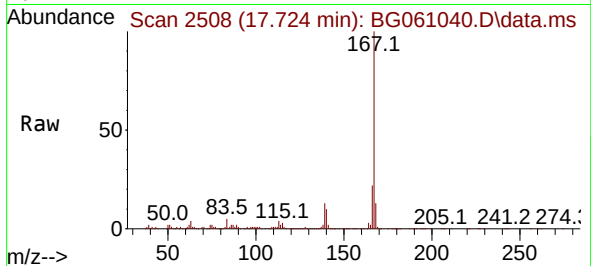




#73  
Carbazole  
Concen: 44.617 ng  
RT: 17.724 min Scan# 2507  
Delta R.T. 0.004 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

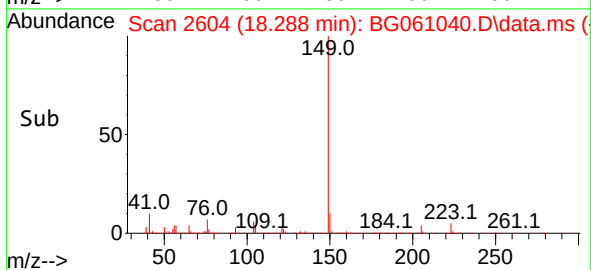
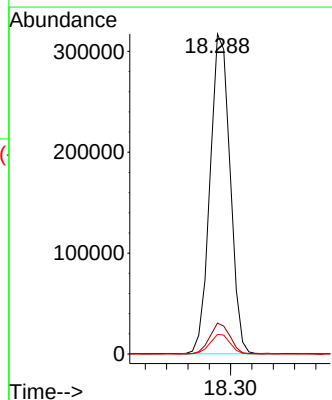
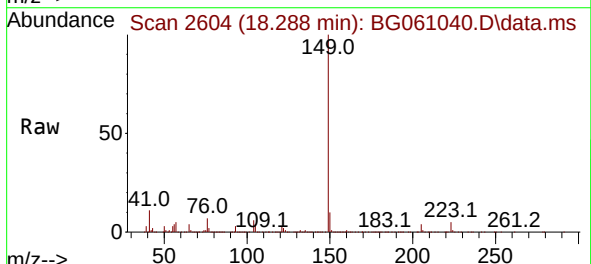
Instrument :  
BNA\_G  
ClientSampleId :  
RO-RBR200059MS

Tgt Ion:167 Resp: 366655  
Ion Ratio Lower Upper  
167 100  
166 21.9 17.8 26.8  
139 12.7 10.2 15.2

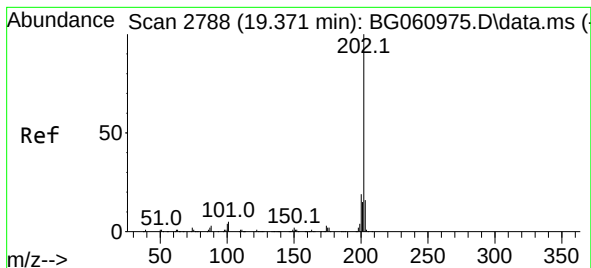


#74  
Di-n-butylphthalate  
Concen: 41.440 ng  
RT: 18.288 min Scan# 2604  
Delta R.T. -0.002 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

Tgt Ion:149 Resp: 413456  
Ion Ratio Lower Upper  
149 100  
150 9.7 7.7 11.5  
104 6.1 5.0 7.6







#75

Fluoranthene

Concen: 49.464 ng

RT: 19.381 min Scan# 21

Delta R.T. 0.010 min

Lab File: BG061040.D

Acq: 25 Apr 2024 16:40

Instrument :

BNA\_G

ClientSampleId :

RO-RBR200059MS

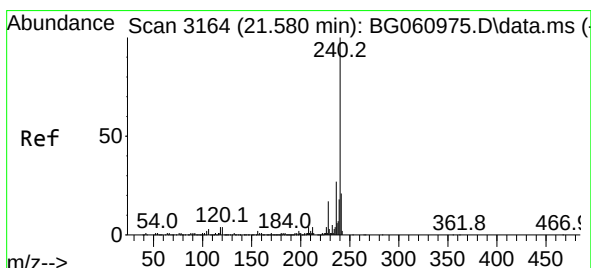
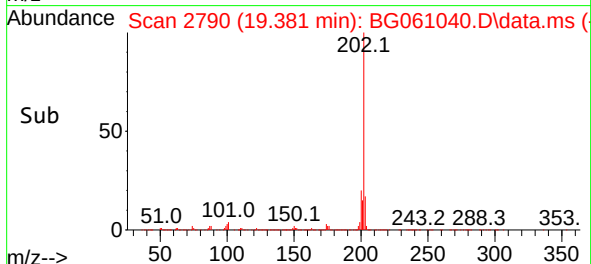
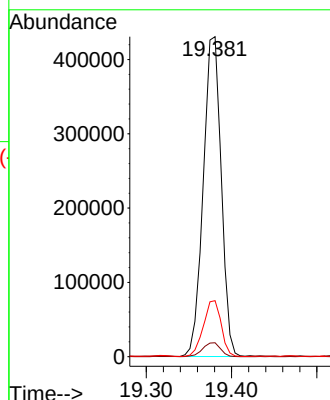
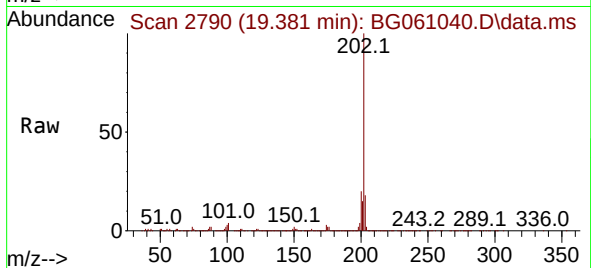
Tgt Ion:202 Resp: 630689

Ion Ratio Lower Upper

202 100

101 4.4 0.0 24.9

203 17.5 0.0 36.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.584 min Scan# 3165

Delta R.T. 0.004 min

Lab File: BG061040.D

Acq: 25 Apr 2024 16:40

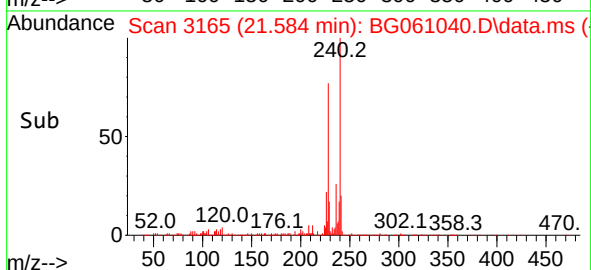
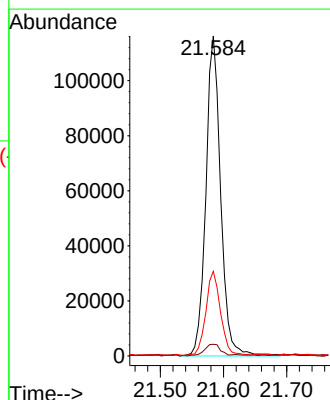
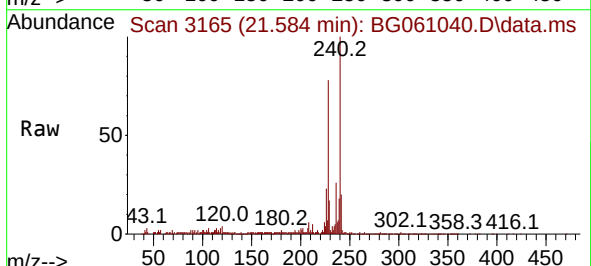
Tgt Ion:240 Resp: 189029

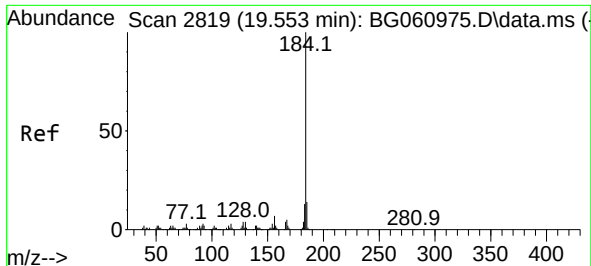
Ion Ratio Lower Upper

240 100

120 3.6 3.0 4.6

236 26.5 21.8 32.6

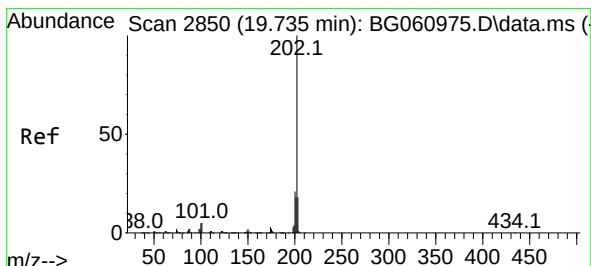
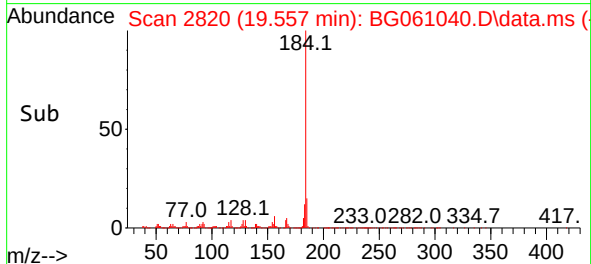
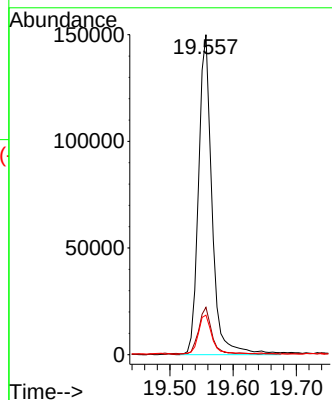
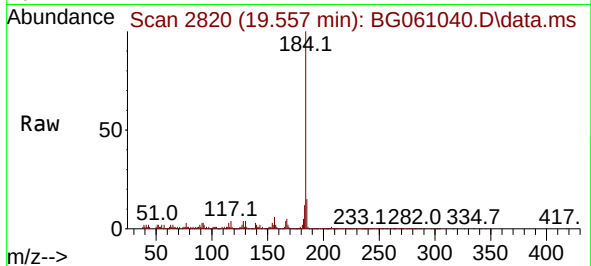




#77  
Benzidine  
Concen: 63.392 ng  
RT: 19.557 min Scan# 2819  
Delta R.T. 0.004 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

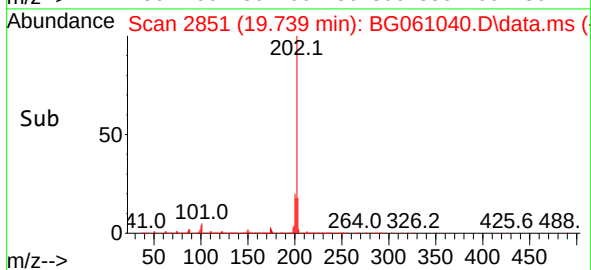
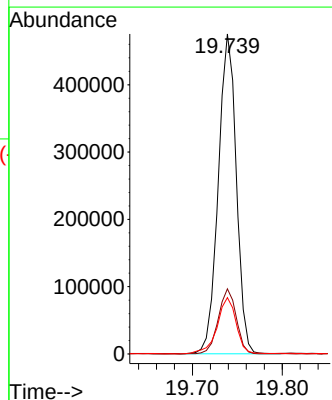
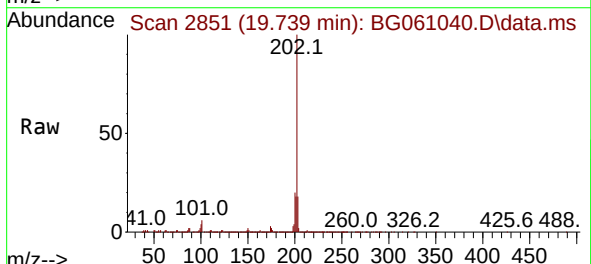
Instrument :  
BNA\_G  
ClientSampleId :  
RO-RBR200059MS

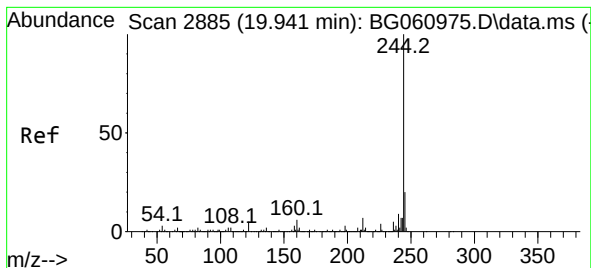
Tgt Ion:184 Resp: 222029  
Ion Ratio Lower Upper  
184 100  
185 14.8 11.3 16.9  
183 12.4 10.2 15.2



#78  
Pyrene  
Concen: 51.434 ng  
RT: 19.739 min Scan# 2851  
Delta R.T. 0.004 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

Tgt Ion:202 Resp: 662001  
Ion Ratio Lower Upper  
202 100  
200 20.3 16.8 25.2  
203 17.6 14.2 21.2





#79

Terphenyl-d14

Concen: 59.076 ng

RT: 19.939 min Scan# 2885

Delta R.T. -0.002 min

Lab File: BG061040.D

Acq: 25 Apr 2024 16:40

Instrument :

BNA\_G

ClientSampleId :

RO-RBR200059MS

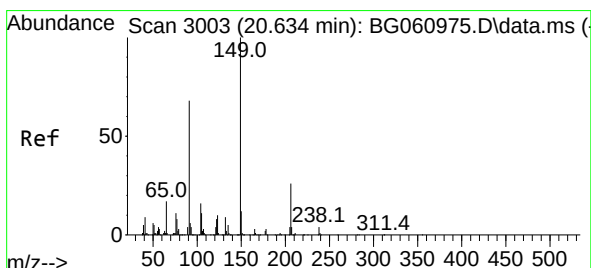
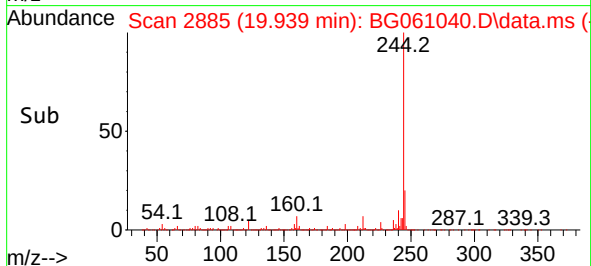
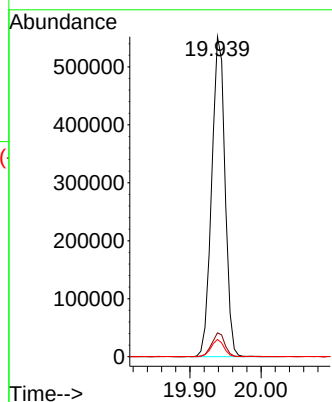
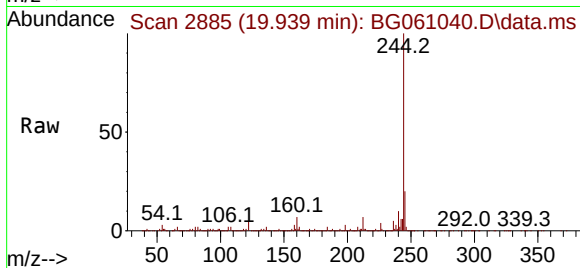
Tgt Ion:244 Resp: 719422

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 5.4 4.2 6.2



#80

Butylbenzylphthalate

Concen: 40.948 ng

RT: 20.632 min Scan# 3003

Delta R.T. -0.002 min

Lab File: BG061040.D

Acq: 25 Apr 2024 16:40

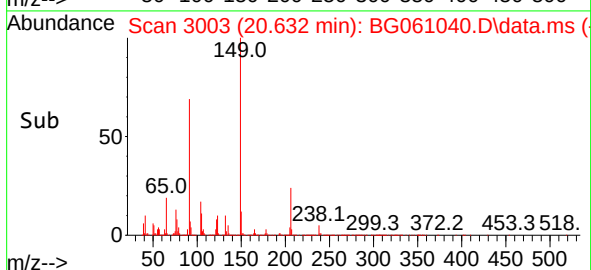
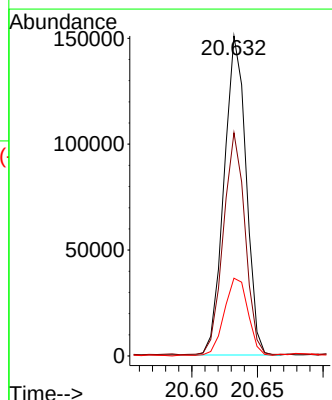
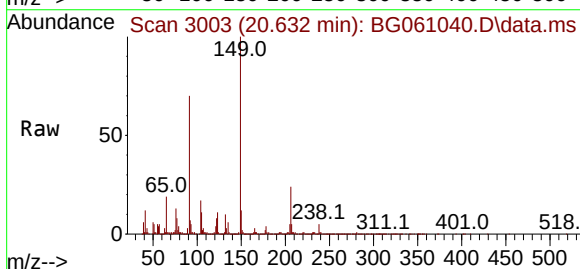
Tgt Ion:149 Resp: 175667

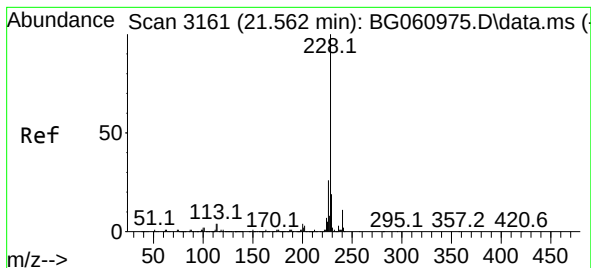
Ion Ratio Lower Upper

149 100

91 69.8 54.4 81.6

206 24.3 20.8 31.2





#81

Benzo(a)anthracene

Concen: 49.462 ng

RT: 21.566 min Scan# 3161

Delta R.T. 0.004 min

Lab File: BG061040.D

Acq: 25 Apr 2024 16:40

Instrument :

BNA\_G

ClientSampleId :

RO-RBR200059MS

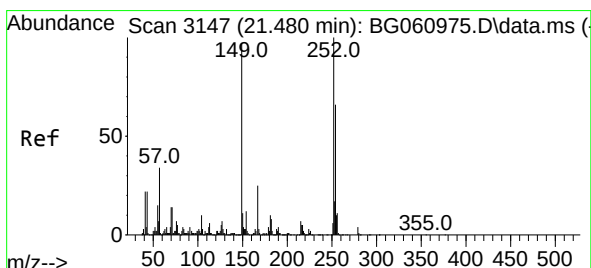
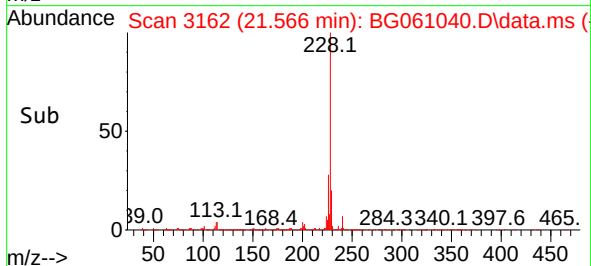
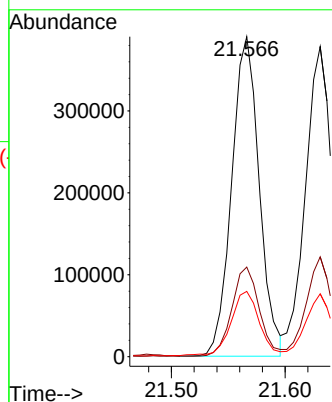
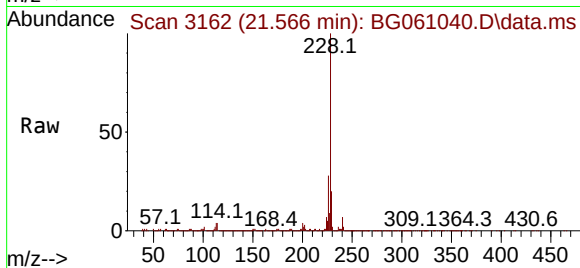
Tgt Ion:228 Resp: 657345

Ion Ratio Lower Upper

228 100

226 28.0 21.0 31.4

229 20.4 15.0 22.4



#82

3,3'-Dichlorobenzidine

Concen: 36.287 ng

RT: 21.478 min Scan# 3147

Delta R.T. -0.002 min

Lab File: BG061040.D

Acq: 25 Apr 2024 16:40

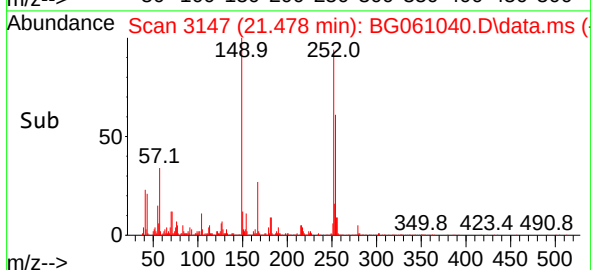
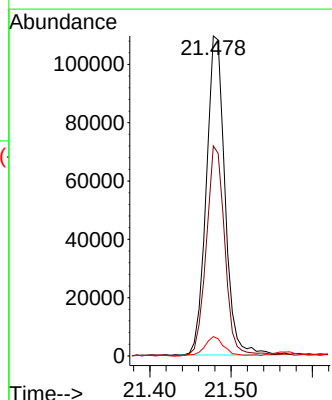
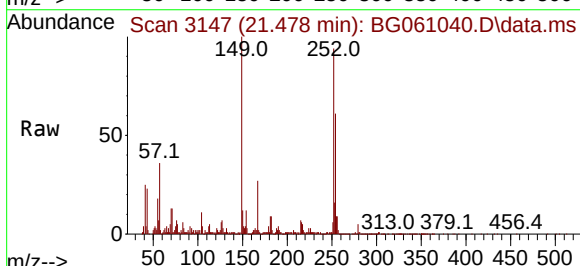
Tgt Ion:252 Resp: 174282

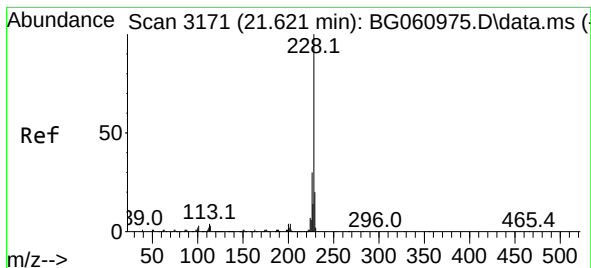
Ion Ratio Lower Upper

252 100

254 65.6 52.7 79.1

126 6.0 4.2 6.2





#83

Chrysene

Concen: 50.283 ng

RT: 21.631 min Scan# 3173

Delta R.T. 0.010 min

Lab File: BG061040.D

Acq: 25 Apr 2024 16:40

Instrument :

BNA\_G

ClientSampleId :

RO-RBR200059MS

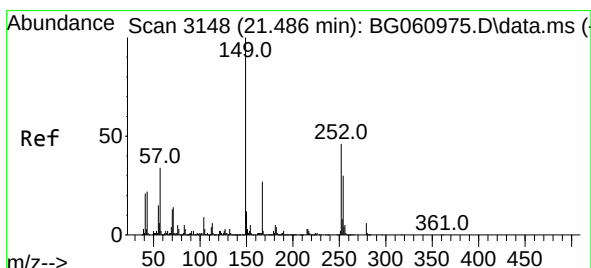
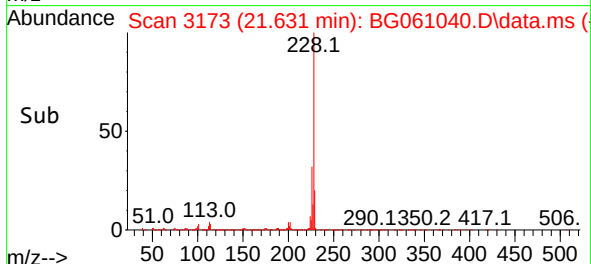
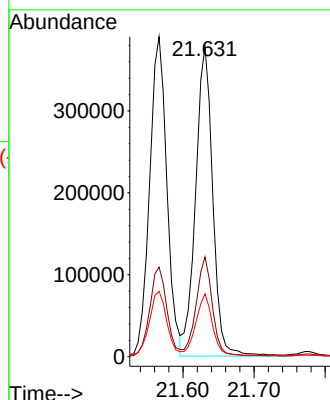
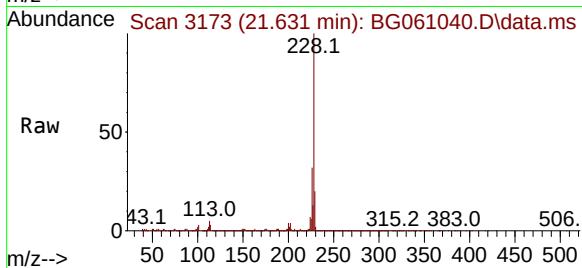
Tgt Ion:228 Resp: 636227

Ion Ratio Lower Upper

228 100

226 32.2 24.2 36.2

229 20.3 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.573 ng

RT: 21.490 min Scan# 3149

Delta R.T. 0.004 min

Lab File: BG061040.D

Acq: 25 Apr 2024 16:40

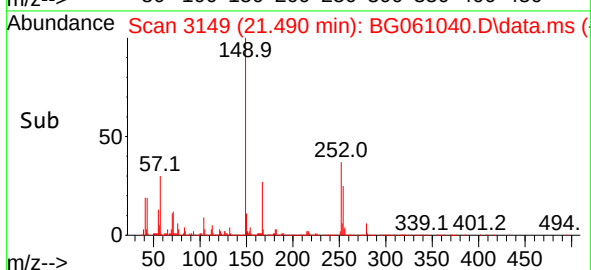
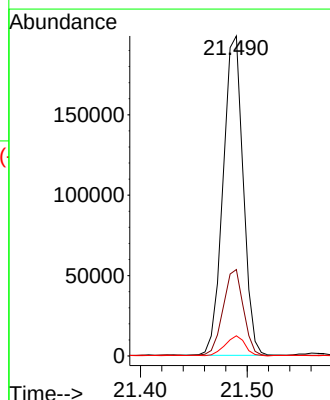
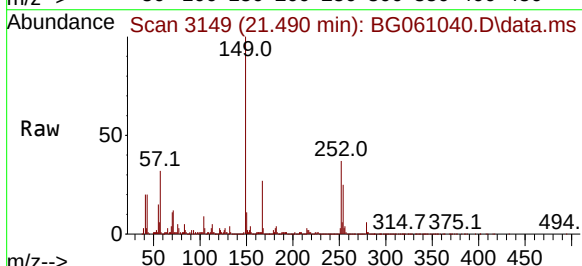
Tgt Ion:149 Resp: 259293

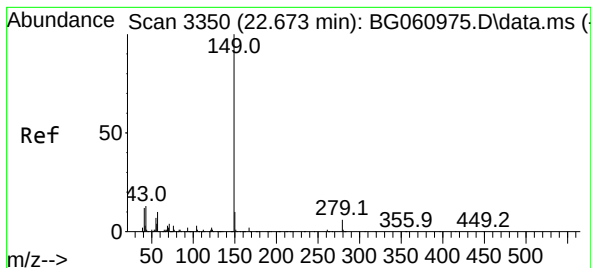
Ion Ratio Lower Upper

149 100

167 27.0 21.8 32.8

279 6.3 4.4 6.6





#85

Di-n-octyl phthalate

Concen: 42.375 ng

RT: 22.671 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG061040.D

Acq: 25 Apr 2024 16:40

Instrument :

BNA\_G

ClientSampleId :

RO-RBR200059MS

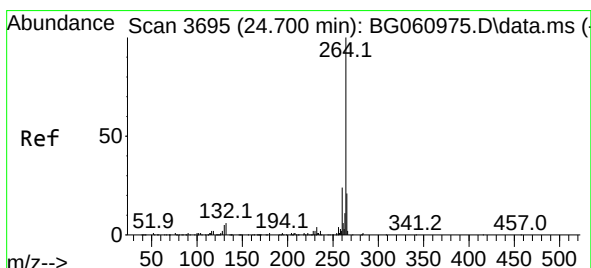
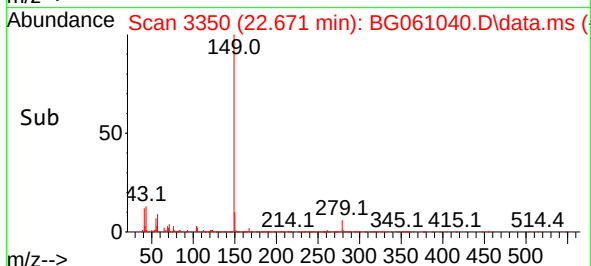
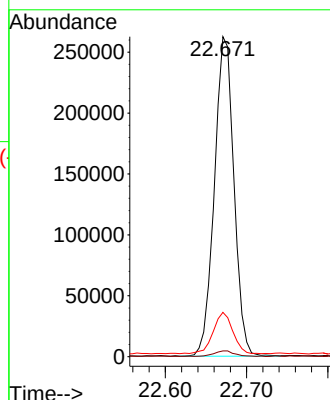
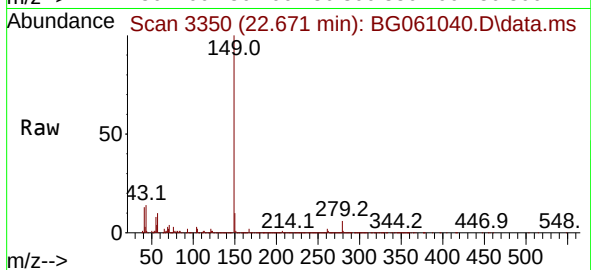
Tgt Ion:149 Resp: 438793

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.2

43 12.9 11.0 16.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.715 min Scan# 3698

Delta R.T. 0.016 min

Lab File: BG061040.D

Acq: 25 Apr 2024 16:40

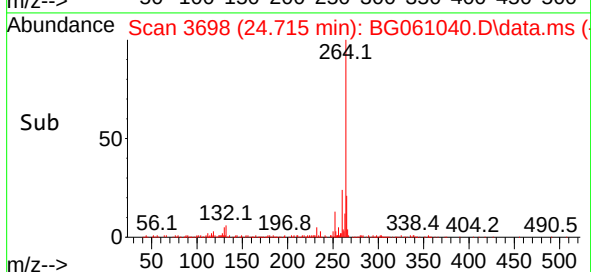
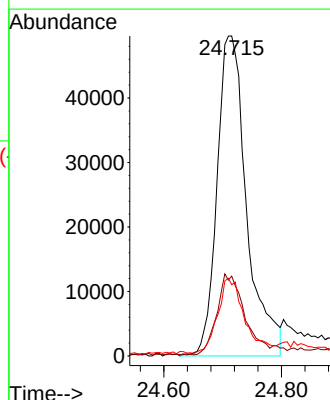
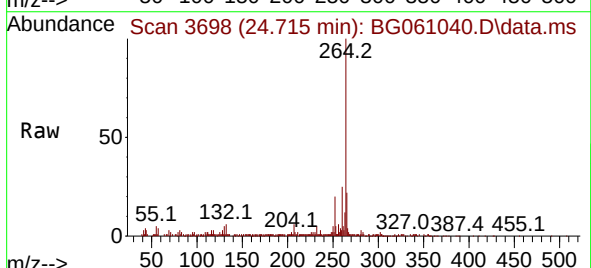
Tgt Ion:264 Resp: 173721

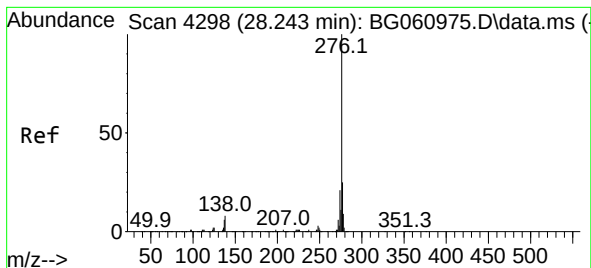
Ion Ratio Lower Upper

264 100

260 24.9 19.4 29.2

265 22.3 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 34.887 ng

RT: 28.264 min Scan# 41

Delta R.T. 0.022 min

Lab File: BG061040.D

Acq: 25 Apr 2024 16:40

Instrument :

BNA\_G

ClientSampleId :

RO-RBR200059MS

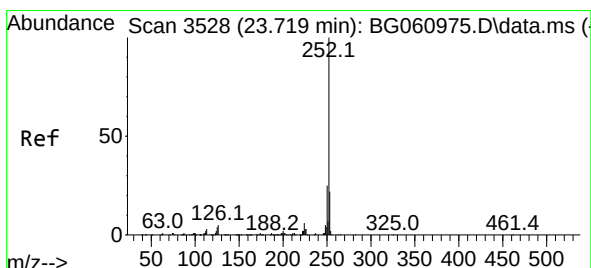
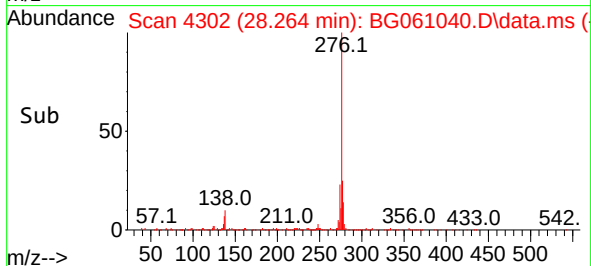
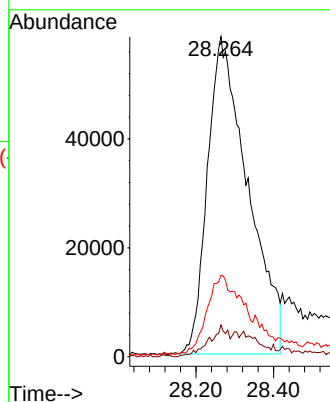
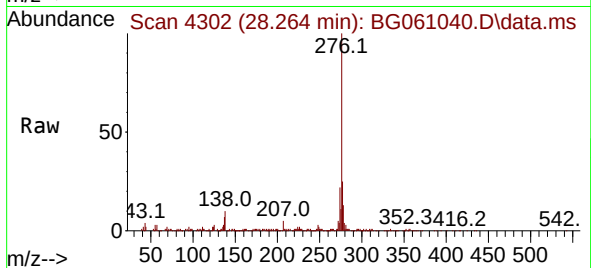
Tgt Ion:276 Resp: 420428

Ion Ratio Lower Upper

276 100

138 4.6 5.3 7.9#

277 21.3 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 55.067 ng

RT: 23.728 min Scan# 3530

Delta R.T. 0.010 min

Lab File: BG061040.D

Acq: 25 Apr 2024 16:40

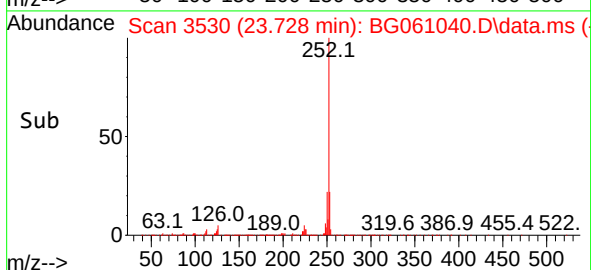
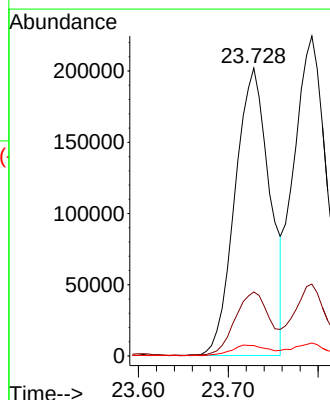
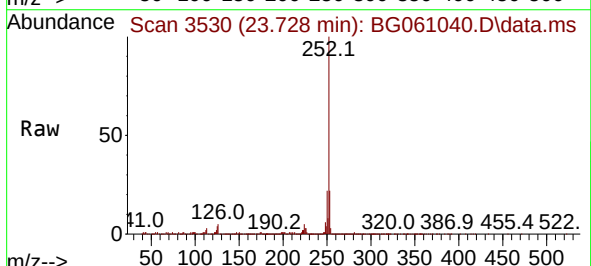
Tgt Ion:252 Resp: 542120

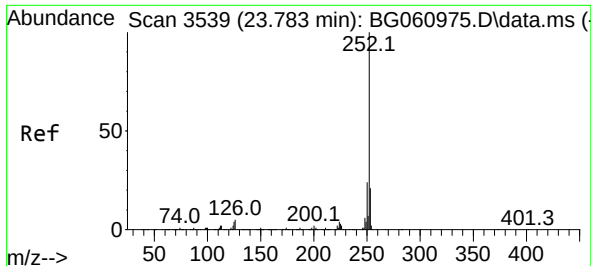
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 3.6 3.3 4.9

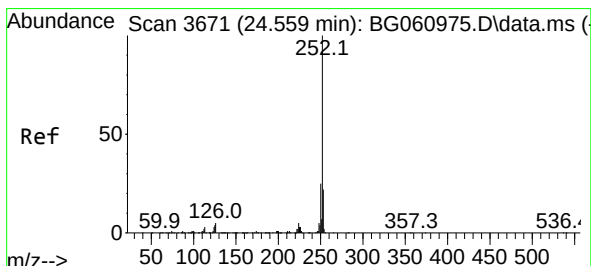
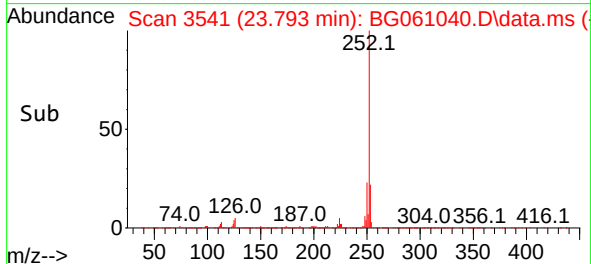
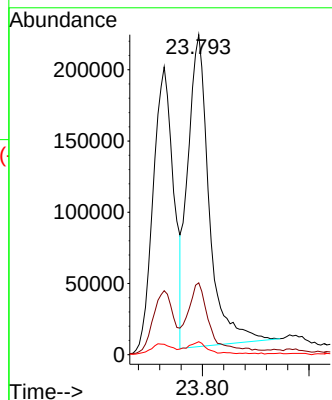
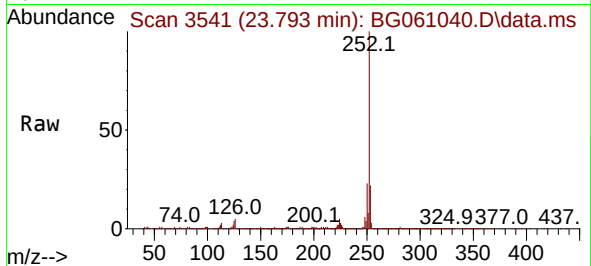




#89  
Benzo(k)fluoranthene  
Concen: 61.224 ng  
RT: 23.793 min Scan# 3541  
Delta R.T. 0.010 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

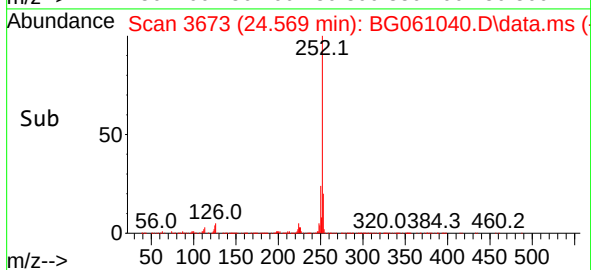
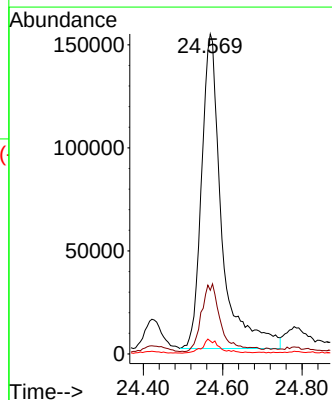
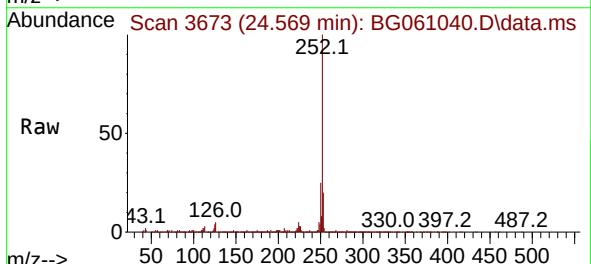
Instrument :  
BNA\_G  
ClientSampleId :  
RO-RBR200059MS

Tgt Ion:252 Resp: 608446  
Ion Ratio Lower Upper  
252 100  
253 22.5 16.6 25.0  
125 4.0 3.3 4.9

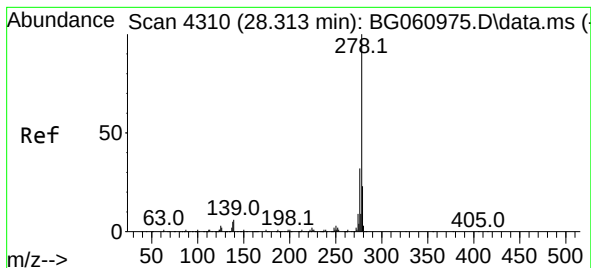


#90  
Benzo(a)pyrene  
Concen: 56.513 ng  
RT: 24.569 min Scan# 3673  
Delta R.T. 0.010 min  
Lab File: BG061040.D  
Acq: 25 Apr 2024 16:40

Tgt Ion:252 Resp: 538505  
Ion Ratio Lower Upper  
252 100  
253 19.9 17.7 26.5  
125 4.0 3.6 5.4







#91

Dibenzo(a,h)anthracene

Concen: 36.169 ng

RT: 28.329 min Scan# 41

Delta R.T. 0.016 min

Lab File: BG061040.D

Acq: 25 Apr 2024 16:40

Instrument :

BNA\_G

ClientSampleId :

RO-RBR200059MS

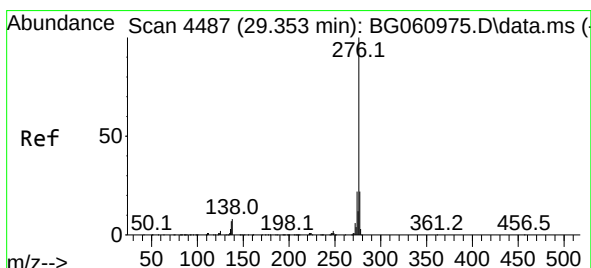
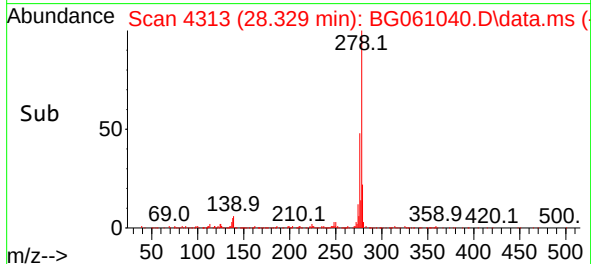
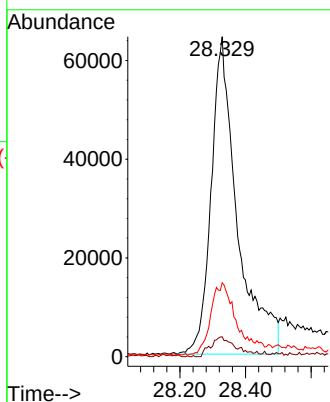
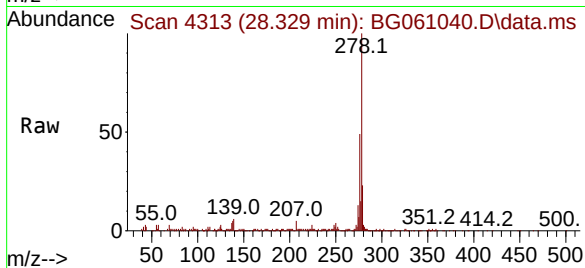
Tgt Ion:278 Resp: 356113

Ion Ratio Lower Upper

278 100

139 6.2 4.7 7.1

279 23.1 18.2 27.4



#92

Benzo(g,h,i)perylene

Concen: 28.605 ng

RT: 29.375 min Scan# 4491

Delta R.T. 0.022 min

Lab File: BG061040.D

Acq: 25 Apr 2024 16:40

Tgt Ion:276 Resp: 279253

Ion Ratio Lower Upper

276 100

277 23.0 18.0 27.0

138 6.5 6.5 9.7

