

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111422\  
 Data File : BG055610.D  
 Acq On : 14 Nov 2022 18:45  
 Operator : CG/JU  
 Sample : N5561-01MS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-25MS

Quant Time: Nov 15 01:03:48 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG110922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 10 03:39:46 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.264  | 152  | 51459    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.096 | 136  | 225164   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.891 | 164  | 157184   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.629 | 188  | 336666   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.936 | 240  | 299813   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 25.362 | 264  | 325334   | 20.000  | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.796  | 112  | 399292   | 147.796 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.406  | 99   | 518494   | 138.937 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.439  | 82   | 325970   | 98.142  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.372 | 330  | 260145   | 169.625 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.517 | 172  | 789467   | 75.760  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.215 | 244  | 1169362  | 78.340  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.622  | 88   | 51205    | 37.315  | ng    | 93       |
| 3) Pyridine                   | 4.039  | 79   | 145442   | 38.119  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.951  | 42   | 92036    | 44.317  | ng    | 98       |
| 6) Aniline                    | 7.577  | 93   | 118756   | 23.958  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.823  | 128  | 175566   | 58.046  | ng    | 97       |
| 9) Benzaldehyde               | 7.388  | 77   | 106602   | 36.205  | ng    | 97       |
| 10) Phenol                    | 7.436  | 94   | 220329   | 51.285  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.671  | 93   | 159763   | 46.189  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 8.152  | 146  | 190171   | 50.334  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 8.299  | 146  | 192061   | 50.229  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.622  | 146  | 188756   | 51.982  | ng    | 100      |
| 15) Benzyl Alcohol            | 8.499  | 79   | 163334   | 50.189  | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.793  | 45   | 300347   | 45.190  | ng    | 99       |
| 17) 2-Methylphenol            | 8.699  | 107  | 156325   | 51.708  | ng    | 98       |
| 18) Hexachloroethane          | 9.363  | 117  | 68824    | 54.217  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 9.069  | 70   | 134479   | 43.603  | ng    | 99       |
| 20) 3+4-Methylphenols         | 9.028  | 107  | 210880   | 50.070  | ng    | 96       |
| 22) Acetophenone              | 9.092  | 105  | 263560   | 44.002  | ng    | 100      |
| 24) Nitrobenzene              | 9.480  | 77   | 200399   | 52.445  | ng    | 98       |
| 25) Isophorone                | 10.003 | 82   | 376969   | 44.425  | ng    | 99       |
| 26) 2-Nitrophenol             | 10.197 | 139  | 96690    | 74.910  | ng    | # 92     |
| 27) 2,4-Dimethylphenol        | 10.244 | 122  | 176402   | 58.144  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.479 | 93   | 215625   | 47.129  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.738 | 162  | 183230   | 54.956  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.955 | 180  | 201879   | 48.338  | ng    | 99       |
| 31) Naphthalene               | 11.149 | 128  | 543890   | 44.678  | ng    | 99       |
| 32) Benzoic acid              | 10.385 | 122  | 128344   | 61.820  | ng    | 92       |
| 33) 4-Chloroaniline           | 11.243 | 127  | 106882   | 21.005  | ng    | 98       |
| 34) Hexachlorobutadiene       | 11.425 | 225  | 136225   | 48.907  | ng    | 99       |
| 35) Caprolactam               | 12.077 | 113  | 9591     | 8.438   | ng    | 97       |
| 36) 4-Chloro-3-methylphenol   | 12.347 | 107  | 193347   | 49.197  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.735 | 142  | 405236   | 44.305  | ng    | 100      |
| 38) 1-Methylnaphthalene       | 12.953 | 142  | 384957   | 43.028  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 13.094 | 216  | 240651   | 51.254  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 13.070 | 237  | 142423   | 70.855  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 13.323 | 196  | 160593   | 58.170  | ng    | 98       |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 10 03:39:46 2022  
 Response via : Initial Calibration

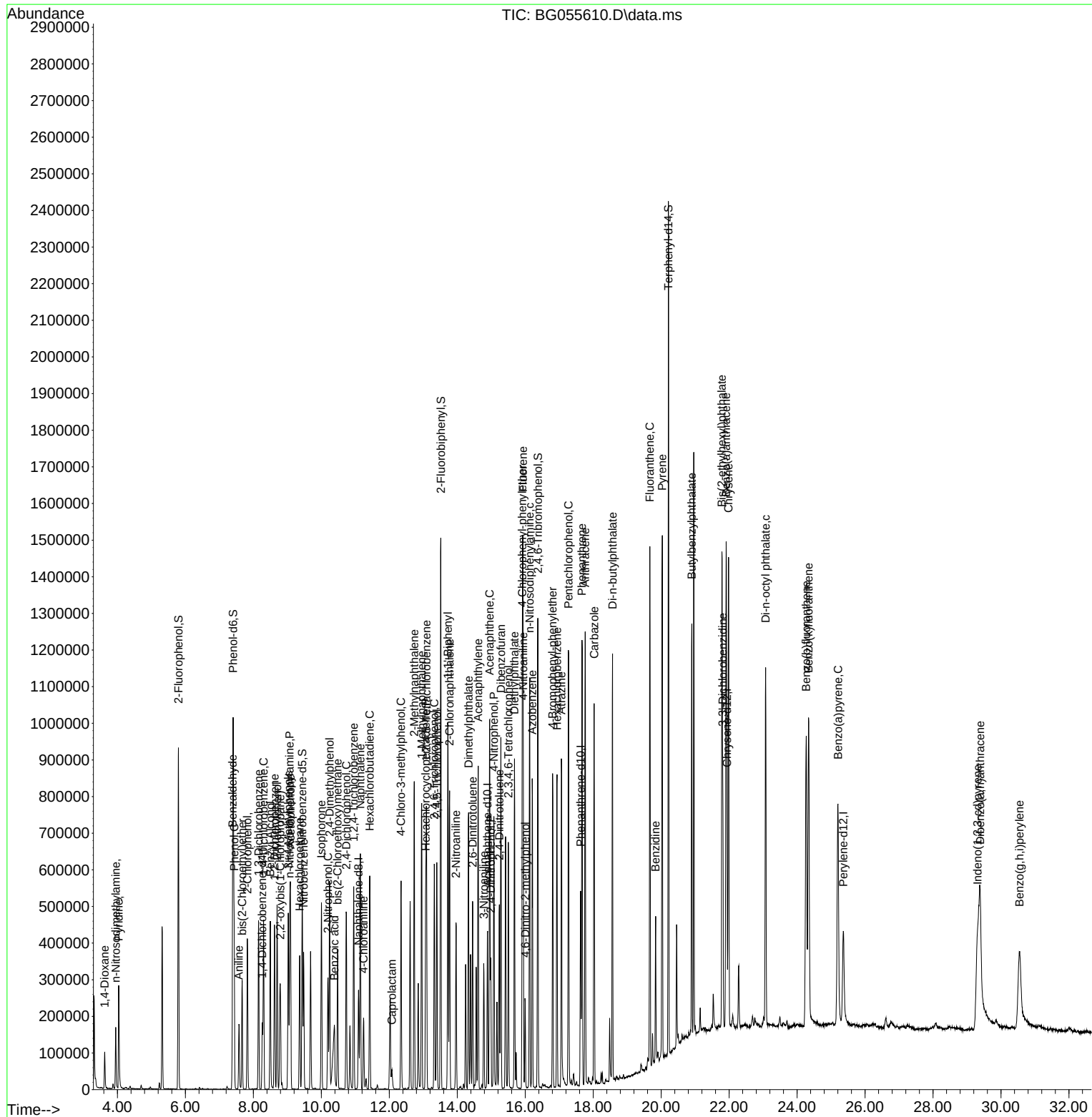
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.399 | 196  | 172432   | 54.558  | ng    | 100      |
| 46) 1,1'-Biphenyl             | 13.722 | 154  | 539862   | 46.947  | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.775 | 162  | 414989   | 46.723  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.963 | 65   | 132355   | 57.074  | ng    | 97       |
| 49) Acenaphthylene            | 14.615 | 152  | 662043   | 45.048  | ng    | 100      |
| 50) Dimethylphthalate         | 14.333 | 163  | 522287   | 43.728  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.457 | 165  | 111911   | 52.954  | ng    | 90       |
| 52) Acenaphthene              | 14.956 | 154  | 439836   | 47.940  | ng    | 99       |
| 53) 3-Nitroaniline            | 14.780 | 138  | 87172    | 35.547  | ng    | # 97     |
| 54) 2,4-Dinitrophenol         | 14.985 | 184  | 77367    | 104.180 | ng    | # 75     |
| 55) Dibenzofuran              | 15.285 | 168  | 642030   | 43.771  | ng    | 99       |
| 56) 4-Nitrophenol             | 15.079 | 139  | 189847   | 107.343 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 15.238 | 165  | 152635   | 54.506  | ng    | 96       |
| 58) Fluorene                  | 15.931 | 166  | 497695   | 42.650  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.503 | 232  | 154307   | 52.675  | ng    | 97       |
| 60) Diethylphthalate          | 15.685 | 149  | 518746   | 42.693  | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.914 | 204  | 280736   | 45.229  | ng    | 99       |
| 62) 4-Nitroaniline            | 15.943 | 138  | 105589   | 44.590  | ng    | 100      |
| 63) Azobenzene                | 16.208 | 77   | 470006   | 39.907  | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 16.002 | 198  | 57739    | 51.801  | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 16.131 | 169  | 444862   | 47.168  | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.807 | 248  | 180943   | 52.683  | ng    | 99       |
| 68) Hexachlorobenzene         | 16.936 | 284  | 198248   | 48.552  | ng    | 95       |
| 69) Atrazine                  | 17.065 | 200  | 180718   | 52.947  | ng    | 99       |
| 70) Pentachlorophenol         | 17.277 | 266  | 250217   | 111.854 | ng    | 98       |
| 71) Phenanthrene              | 17.671 | 178  | 798516   | 44.132  | ng    | 99       |
| 72) Anthracene                | 17.765 | 178  | 812192   | 45.804  | ng    | 100      |
| 73) Carbazole                 | 18.029 | 167  | 713029   | 44.494  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.570 | 149  | 840489   | 45.744  | ng    | 99       |
| 75) Fluoranthene              | 19.668 | 202  | 903305   | 41.865  | ng    | 99       |
| 77) Benzidine                 | 19.839 | 184  | 245727   | 30.295  | ng    | 98       |
| 78) Pyrene                    | 20.032 | 202  | 927842   | 45.727  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.902 | 149  | 364574   | 47.232  | ng    | 95       |
| 81) Benzo(a)anthracene        | 21.913 | 228  | 915474   | 44.579  | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.813 | 252  | 254923   | 38.036  | ng    | 99       |
| 83) Chrysene                  | 21.983 | 228  | 862133   | 44.149  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.789 | 149  | 526647   | 51.427  | ng    | 98       |
| 85) Di-n-octyl phthalate      | 23.076 | 149  | 895929   | 50.626  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 29.310 | 276  | 932793   | 37.645  | ng    | # 92     |
| 88) Benzo(b)fluoranthene      | 24.269 | 252  | 950970   | 46.134  | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 24.339 | 252  | 962317   | 45.664  | ng    | 99       |
| 90) Benzo(a)pyrene            | 25.203 | 252  | 863710   | 48.642  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 29.386 | 278  | 785000   | 38.272  | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 30.550 | 276  | 630580   | 31.449  | ng    | 99       |

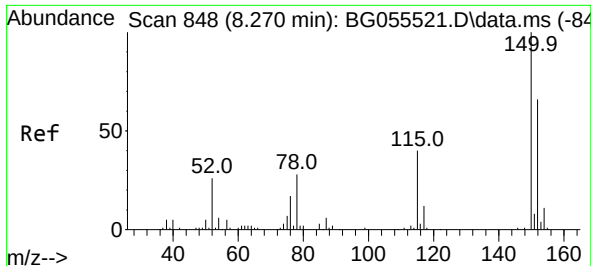
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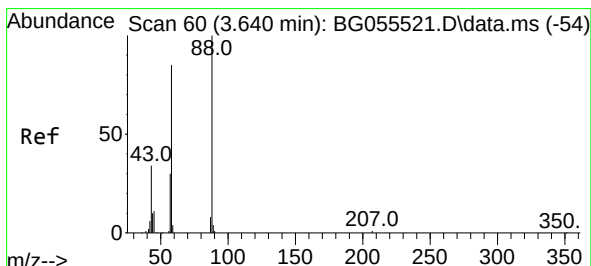
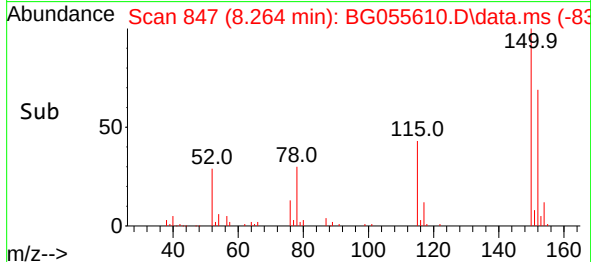
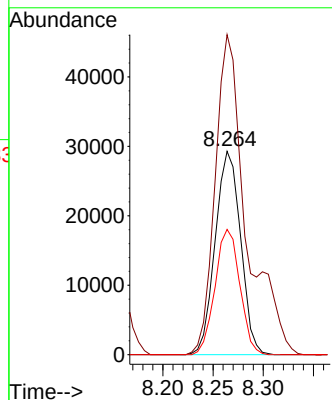
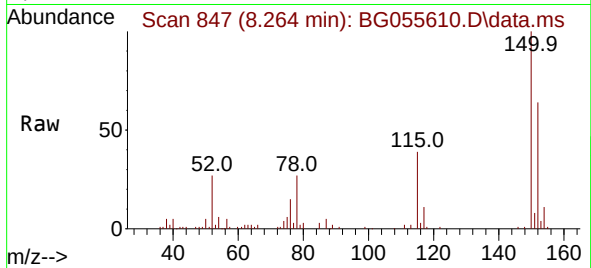




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.264 min Scan# 84  
 Delta R.T. -0.006 min  
 Lab File: BG055610.D  
 Acq: 14 Nov 2022 18:45

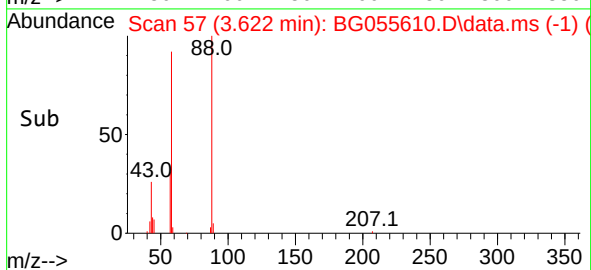
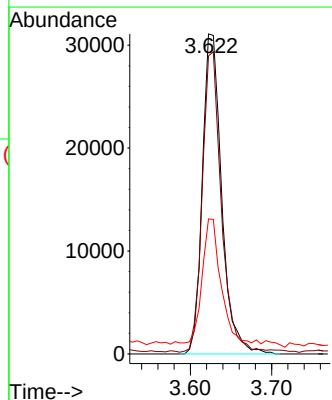
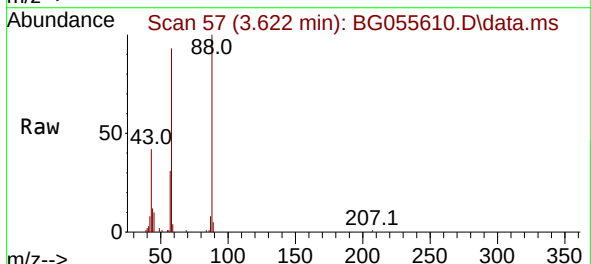
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-25MS

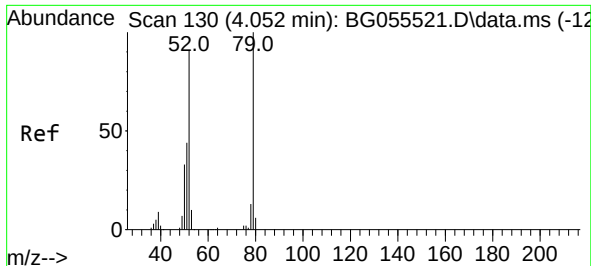
Tgt Ion:152 Resp: 51459  
 Ion Ratio Lower Upper  
 152 100  
 150 157.3 121.0 181.4  
 115 61.6 47.8 71.8



#2  
 1,4-Dioxane  
 Concen: 37.315 ng  
 RT: 3.622 min Scan# 57  
 Delta R.T. -0.018 min  
 Lab File: BG055610.D  
 Acq: 14 Nov 2022 18:45

Tgt Ion: 88 Resp: 51205  
 Ion Ratio Lower Upper  
 88 100  
 58 93.2 68.9 103.3  
 43 36.8 27.1 40.7



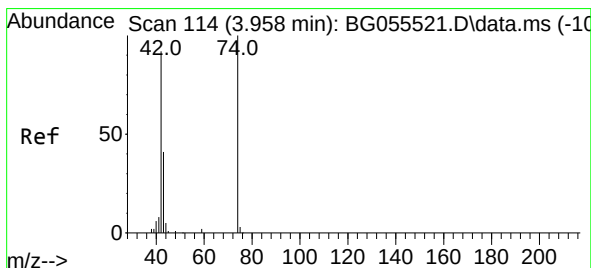
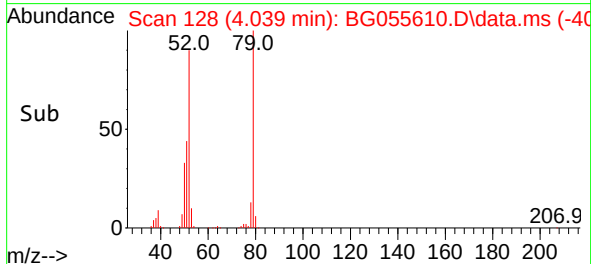
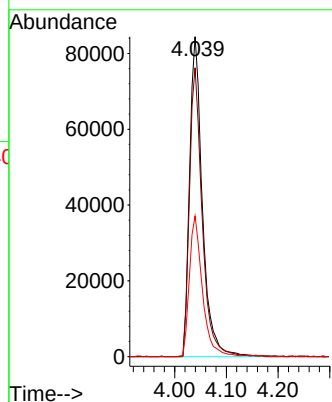
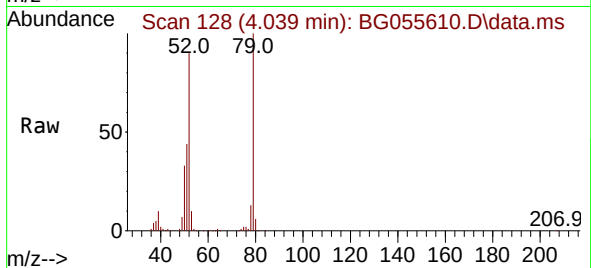


#3  
 Pyridine  
 Concen: 38.119 ng  
 RT: 4.039 min Scan# 11  
 Delta R.T. -0.013 min  
 Lab File: BG055610.D  
 Acq: 14 Nov 2022 18:45

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-25MS

Tgt Ion: 79 Resp: 145442  

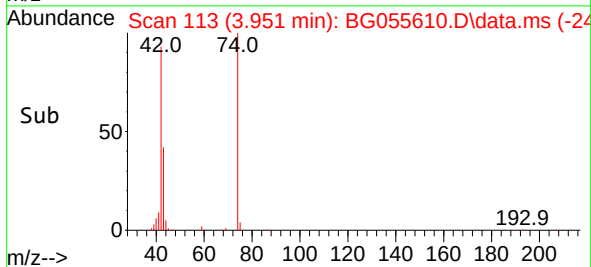
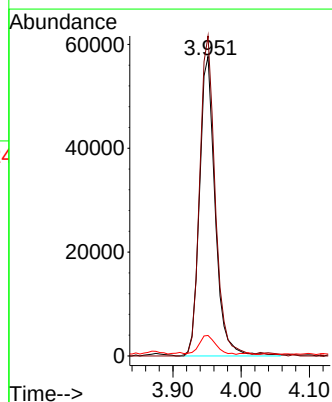
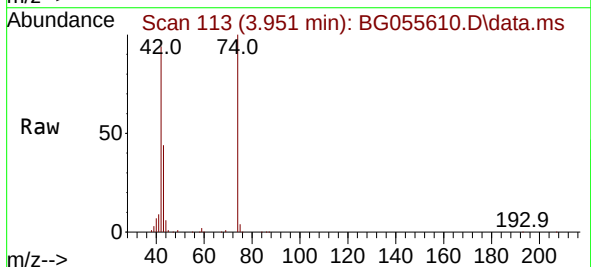
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 90.3  | 72.7  | 109.1 |
| 51  | 43.9  | 36.0  | 54.0  |

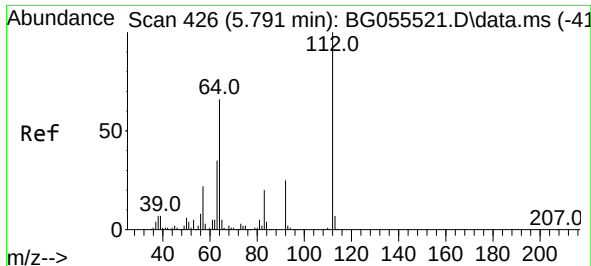


#4  
 n-Nitrosodimethylamine  
 Concen: 44.317 ng  
 RT: 3.951 min Scan# 113  
 Delta R.T. -0.007 min  
 Lab File: BG055610.D  
 Acq: 14 Nov 2022 18:45

Tgt Ion: 42 Resp: 92036  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 106.8 | 87.1  | 130.7 |
| 44  | 6.8   | 5.6   | 8.4   |

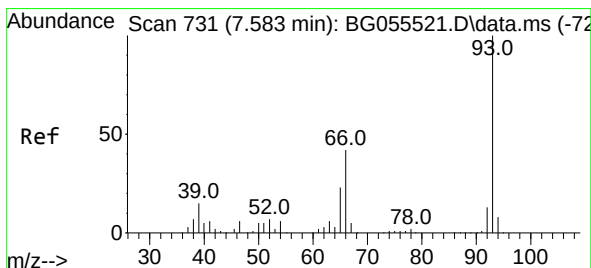
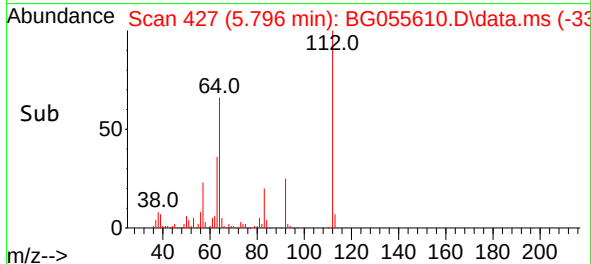
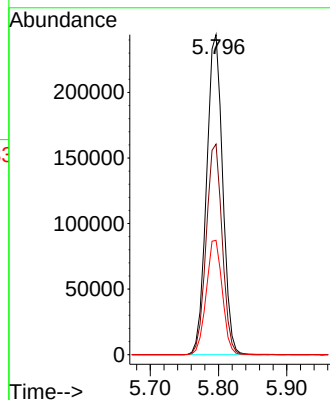
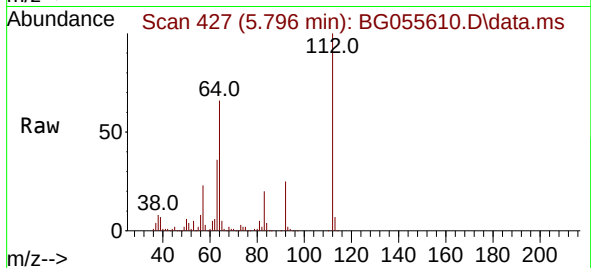




#5  
2-Fluorophenol  
Concen: 147.796 ng  
RT: 5.796 min Scan# 41  
Delta R.T. 0.005 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

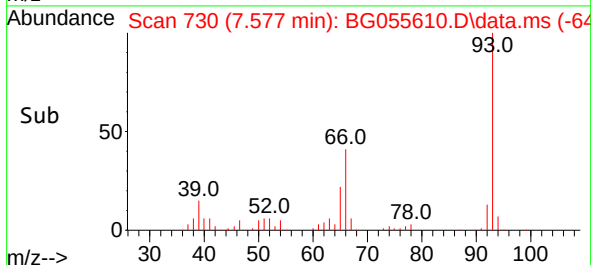
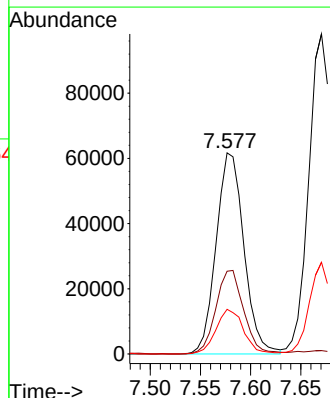
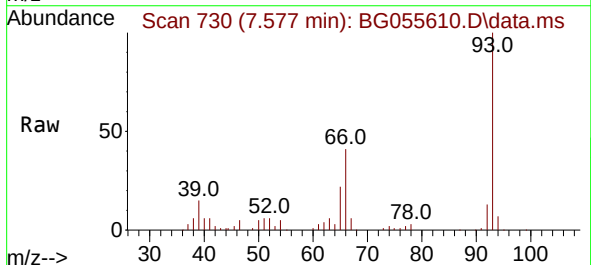
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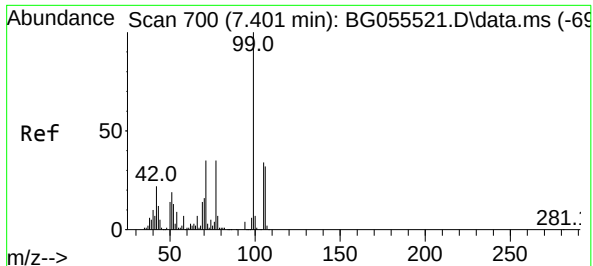
Tgt Ion:112 Resp: 399292  
Ion Ratio Lower Upper  
112 100  
64 65.8 52.6 78.8  
63 35.7 28.3 42.5



#6  
Aniline  
Concen: 23.958 ng  
RT: 7.577 min Scan# 730  
Delta R.T. -0.006 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

Tgt Ion: 93 Resp: 118756  
Ion Ratio Lower Upper  
93 100  
66 41.2 33.2 49.8  
65 22.2 18.1 27.1

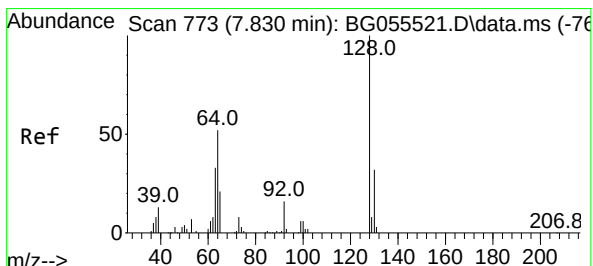
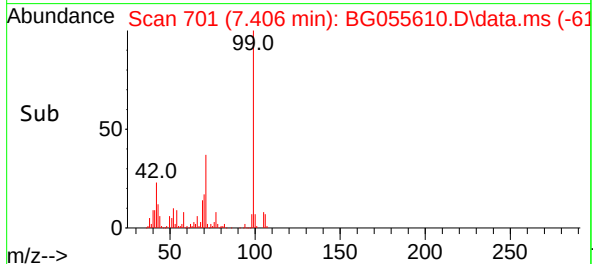
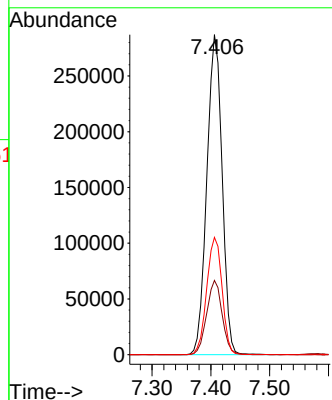
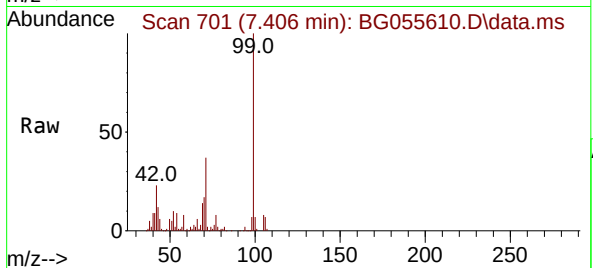




#7  
Phenol-d6  
Concen: 138.937 ng  
RT: 7.406 min Scan# 701  
Delta R.T. 0.005 min  
Lab File: BG055610.D  
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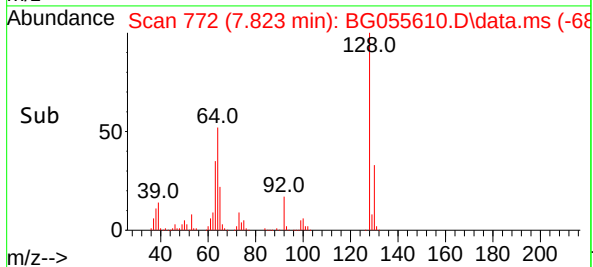
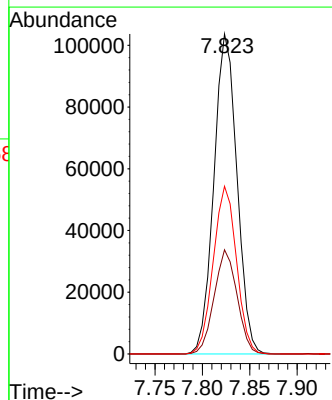
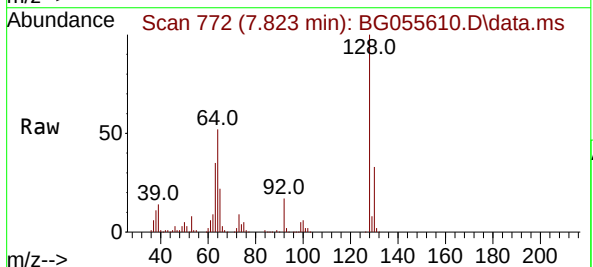
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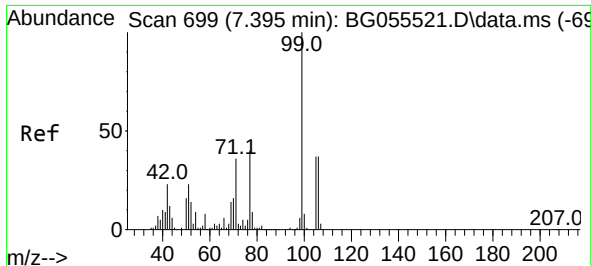
Tgt Ion: 99 Resp: 518494  
Ion Ratio Lower Upper  
99 100  
42 23.2 17.5 26.3  
71 36.7 28.3 42.5



#8  
2-Chlorophenol  
Concen: 58.046 ng  
RT: 7.823 min Scan# 772  
Delta R.T. -0.007 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

Tgt Ion: 128 Resp: 175566  
Ion Ratio Lower Upper  
128 100  
130 32.6 12.2 52.2  
64 52.4 35.5 75.5

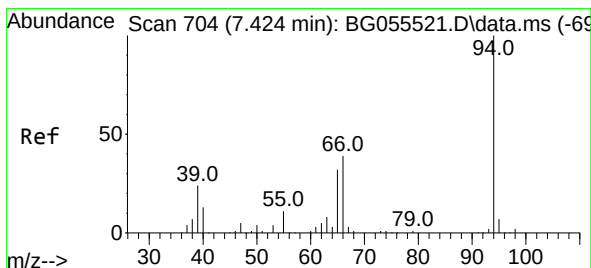
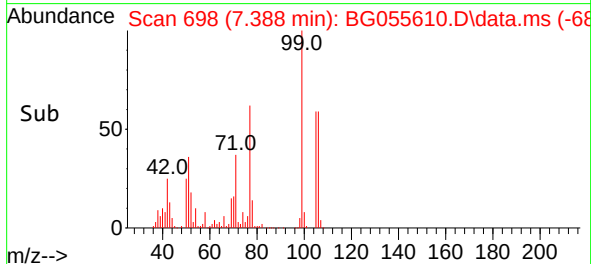
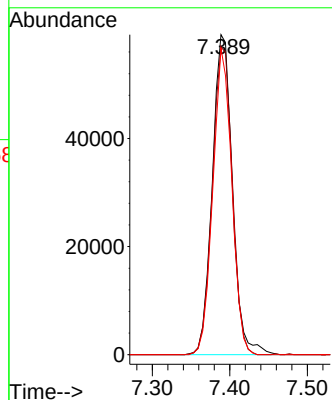
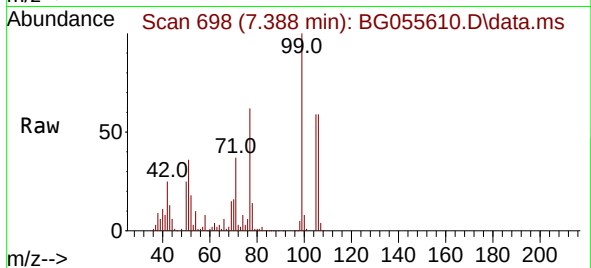




#9  
Benzaldehyde  
Concen: 36.205 ng  
RT: 7.388 min Scan# 699  
Delta R.T. -0.006 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

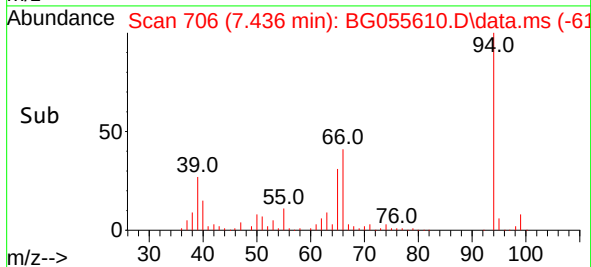
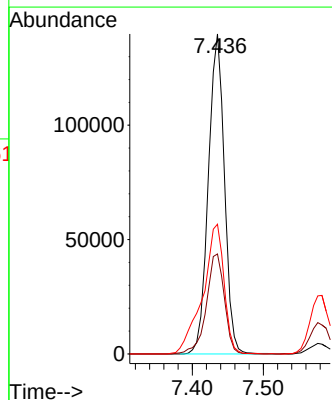
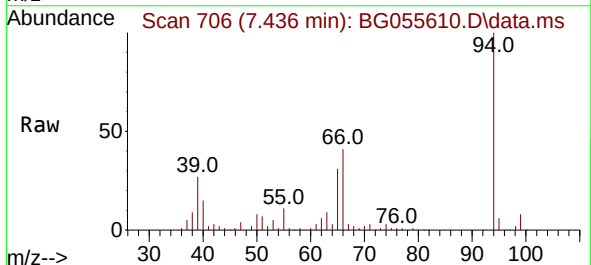
Instrument :  
BNA\_G  
ClientSampleId :  
SB-25MS

Tgt Ion: 77 Resp: 106602  
Ion Ratio Lower Upper  
77 100  
105 96.1 73.9 113.9  
106 95.7 73.1 113.1

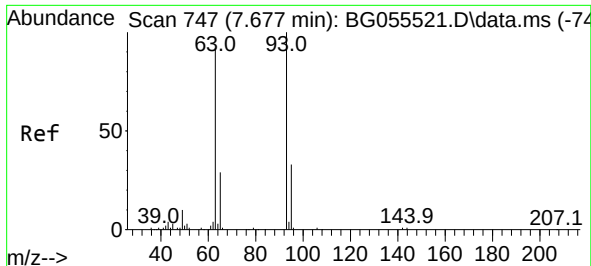


#10  
Phenol  
Concen: 51.285 ng  
RT: 7.436 min Scan# 706  
Delta R.T. 0.011 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

Tgt Ion: 94 Resp: 220329  
Ion Ratio Lower Upper  
94 100  
65 31.3 11.9 51.9  
66 40.5 20.3 60.3



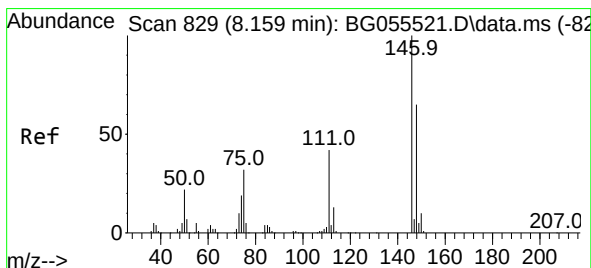
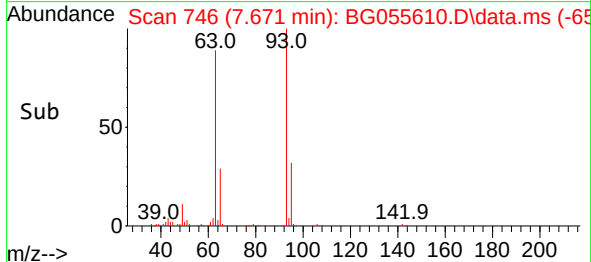
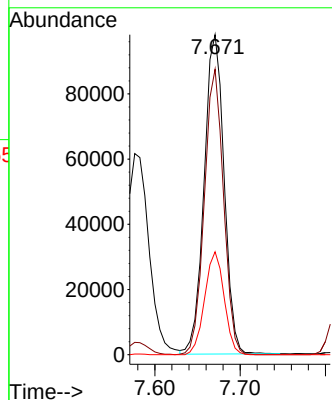
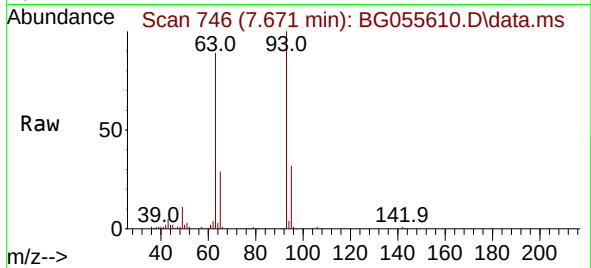




#11  
bis(2-Chloroethyl)ether  
Concen: 46.189 ng  
RT: 7.671 min Scan# 741  
Delta R.T. -0.006 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

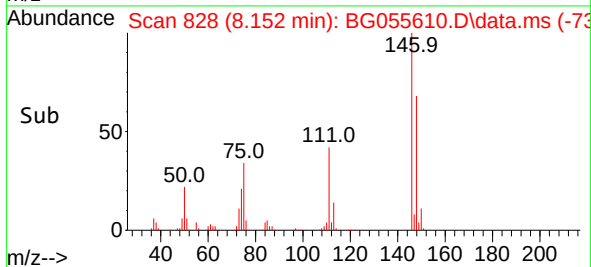
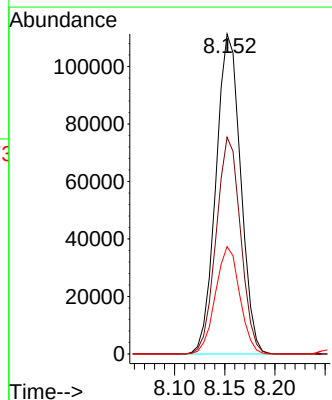
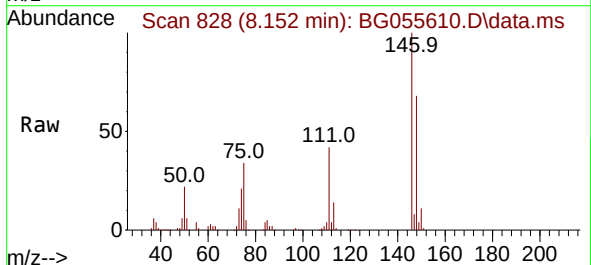
Instrument :  
BNA\_G  
ClientSampleId :  
SB-25MS

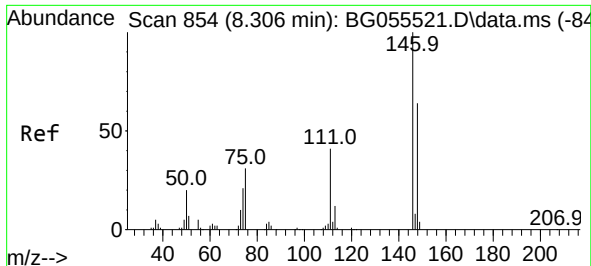
Tgt Ion: 93 Resp: 159763  
Ion Ratio Lower Upper  
93 100  
63 89.2 71.2 111.2  
95 32.1 12.4 52.4



#12  
1,3-Dichlorobenzene  
Concen: 50.334 ng  
RT: 8.152 min Scan# 828  
Delta R.T. -0.007 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

Tgt Ion:146 Resp: 190171  
Ion Ratio Lower Upper  
146 100  
148 67.7 52.2 78.4  
75 33.5 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 50.229 ng

RT: 8.299 min Scan# 81

Delta R.T. -0.007 min

Lab File: BG055610.D

Acq: 14 Nov 2022 18:45

Instrument :

BNA\_G

ClientSampleId :

SB-25MS

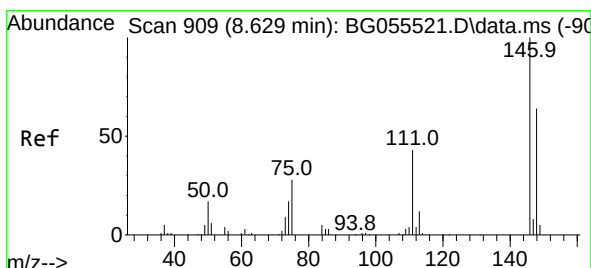
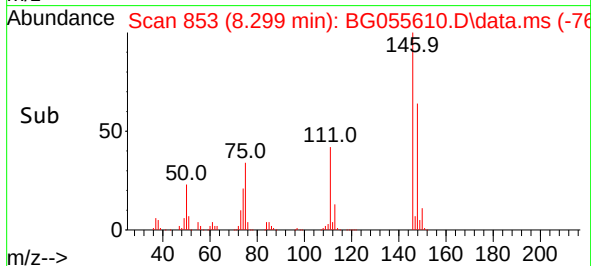
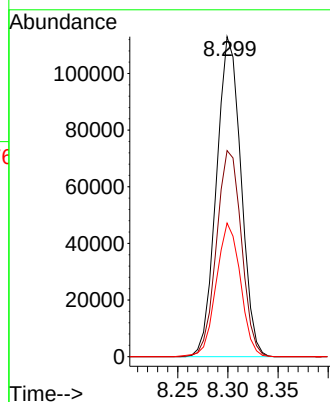
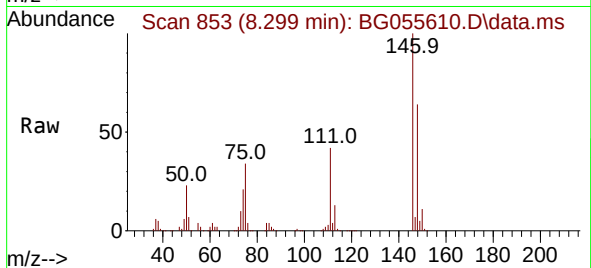
Tgt Ion:146 Resp: 192061

Ion Ratio Lower Upper

146 100

148 64.4 51.0 76.6

111 41.7 33.0 49.6



#14

1,2-Dichlorobenzene

Concen: 51.982 ng

RT: 8.622 min Scan# 908

Delta R.T. -0.007 min

Lab File: BG055610.D

Acq: 14 Nov 2022 18:45

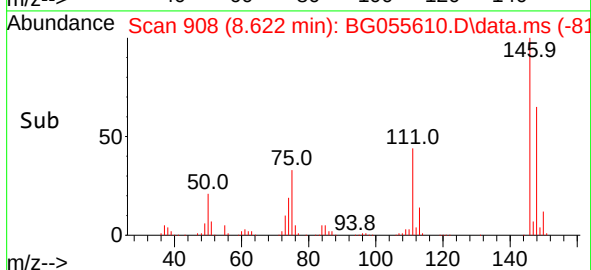
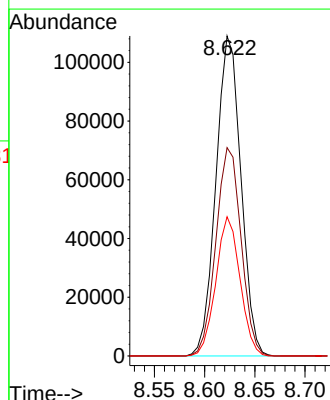
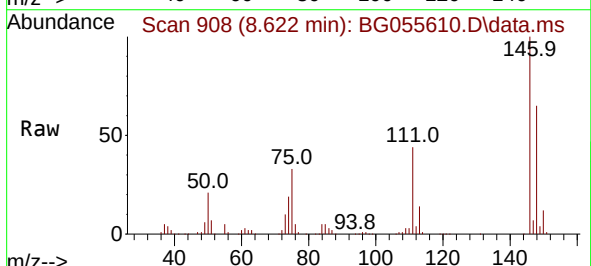
Tgt Ion:146 Resp: 188756

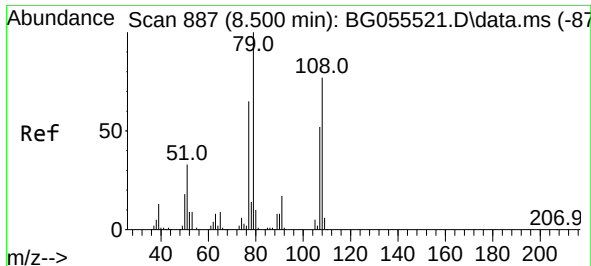
Ion Ratio Lower Upper

146 100

148 65.1 51.8 77.6

111 43.5 34.6 52.0

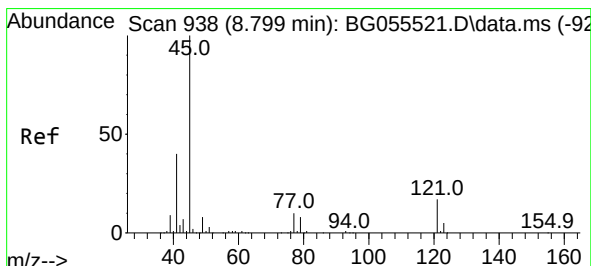
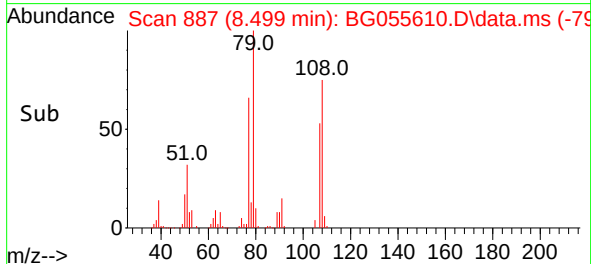
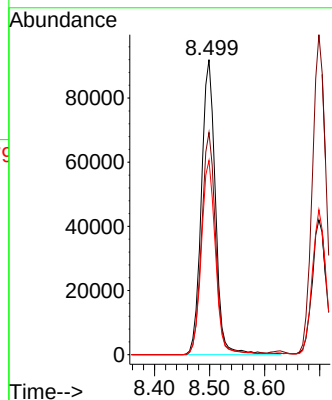
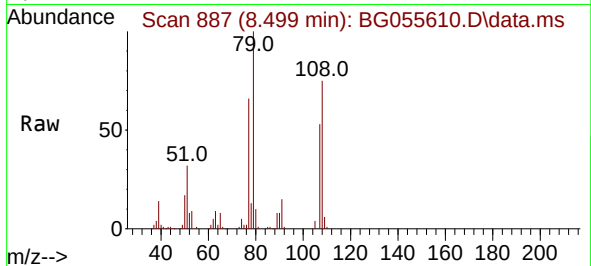




#15  
Benzyl Alcohol  
Concen: 50.189 ng  
RT: 8.499 min Scan# 887  
Delta R.T. -0.001 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

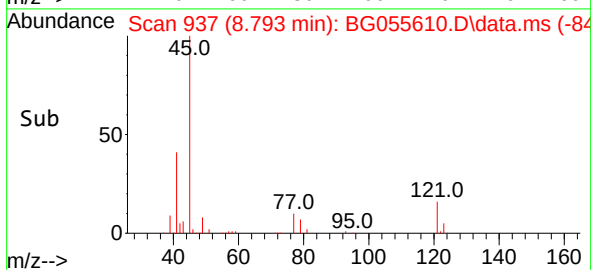
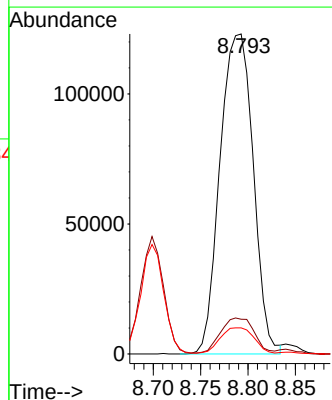
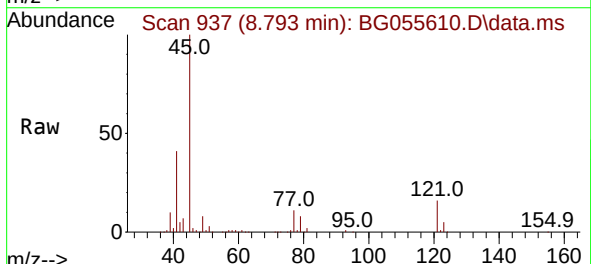
Instrument :  
BNA\_G  
ClientSampleId :  
SB-25MS

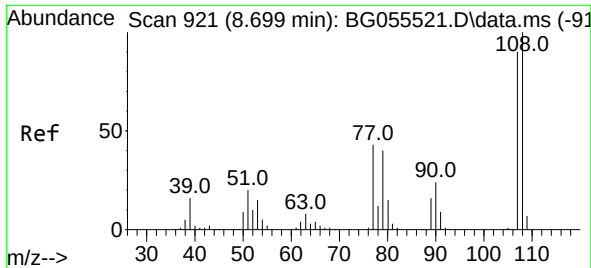
Tgt Ion: 79 Resp: 163334  
Ion Ratio Lower Upper  
79 100  
108 75.3 61.8 92.6  
77 65.8 52.4 78.6



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 45.190 ng  
RT: 8.793 min Scan# 937  
Delta R.T. -0.006 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

Tgt Ion: 45 Resp: 300347  
Ion Ratio Lower Upper  
45 100  
77 10.9 0.0 30.4  
79 8.1 0.0 28.3

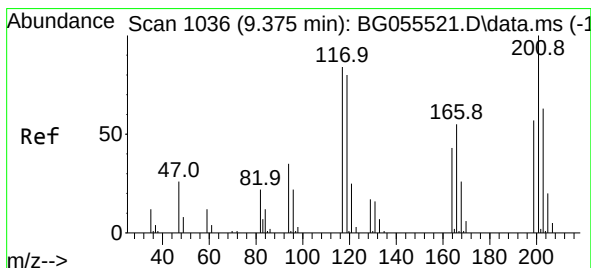
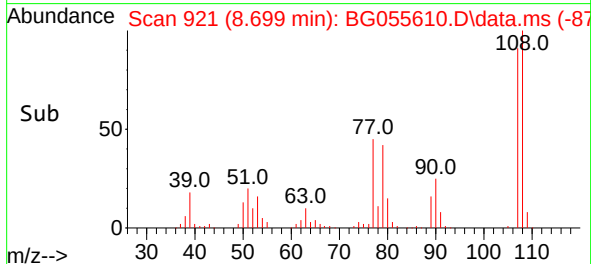
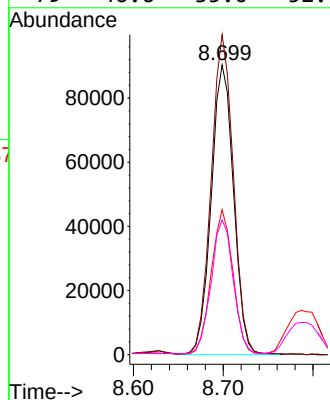
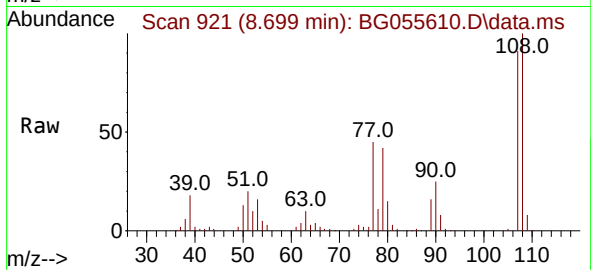




#17  
2-Methylphenol  
Concen: 51.708 ng  
RT: 8.699 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

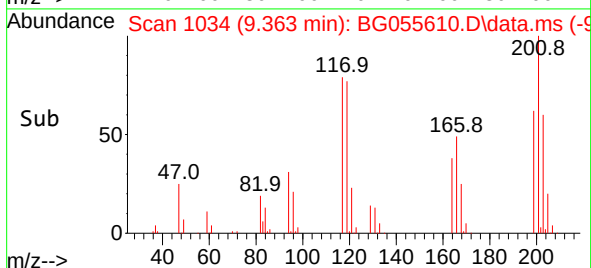
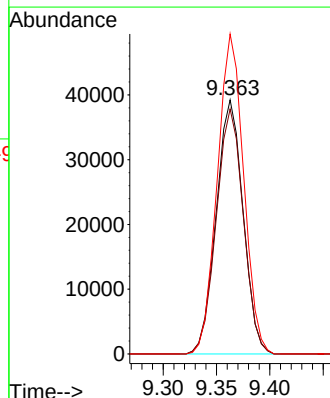
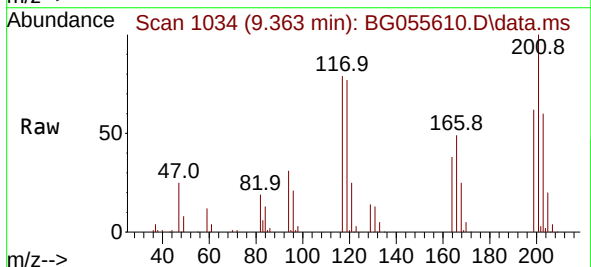
Instrument :  
BNA\_G  
ClientSampleId :  
SB-25MS

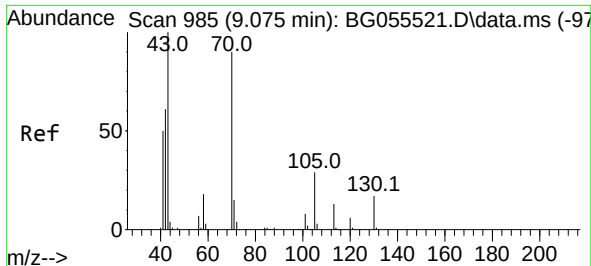
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 156325 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 110.4 | 88.6  | 132.8  |
| 77       | 50.0  | 38.2  | 57.2   |
| 79       | 46.6  | 35.0  | 52.6   |



#18  
Hexachloroethane  
Concen: 54.217 ng  
RT: 9.363 min Scan# 1034  
Delta R.T. -0.012 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 68824 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 96.4  | 77.3  | 115.9 |
| 201      | 125.9 | 94.8  | 142.2 |





#19

n-Nitroso-di-n-propylamine

Concen: 43.603 ng

RT: 9.069 min Scan# 91

Delta R.T. -0.006 min

Lab File: BG055610.D

Acq: 14 Nov 2022 18:45

Instrument :

BNA\_G

ClientSampleId :

SB-25MS

Tgt Ion: 70 Resp: 134479

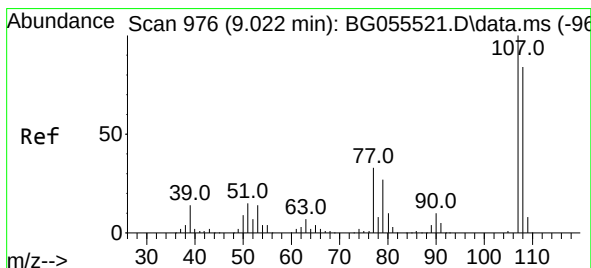
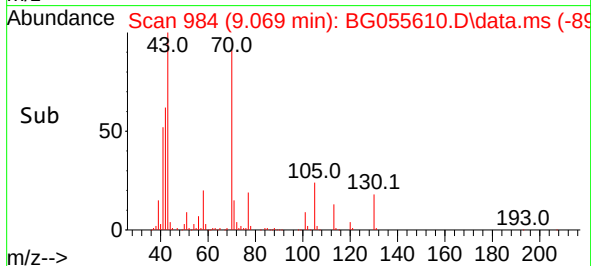
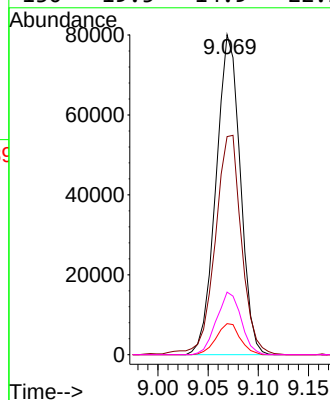
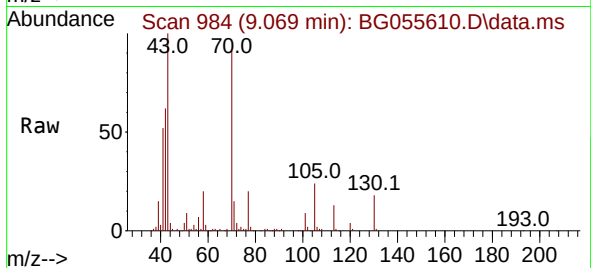
Ion Ratio Lower Upper

70 100

42 68.2 54.8 82.2

101 9.7 6.8 10.2

130 19.5 14.9 22.3



#20

3+4-Methylphenols

Concen: 50.070 ng

RT: 9.028 min Scan# 977

Delta R.T. 0.006 min

Lab File: BG055610.D

Acq: 14 Nov 2022 18:45

Tgt Ion:107 Resp: 210880

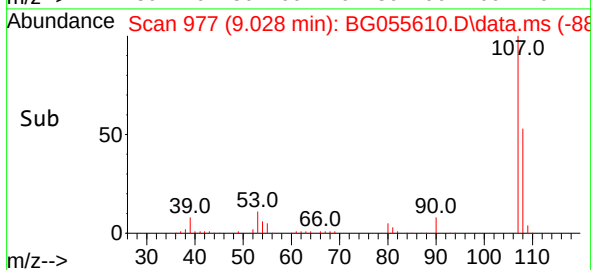
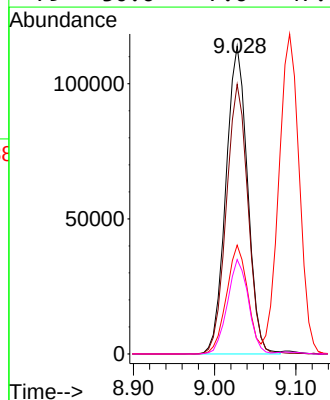
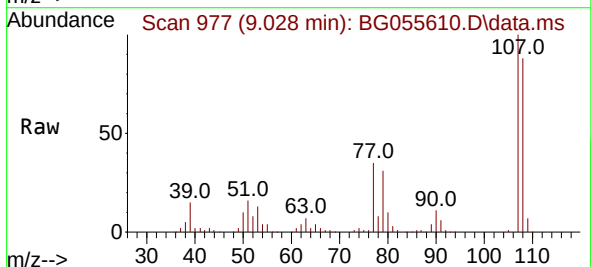
Ion Ratio Lower Upper

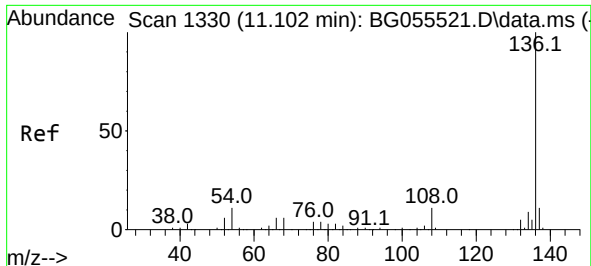
107 100

108 87.6 63.9 103.9

77 35.3 13.2 53.2

79 30.6 7.6 47.6

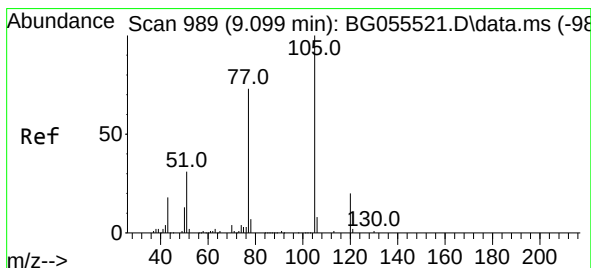
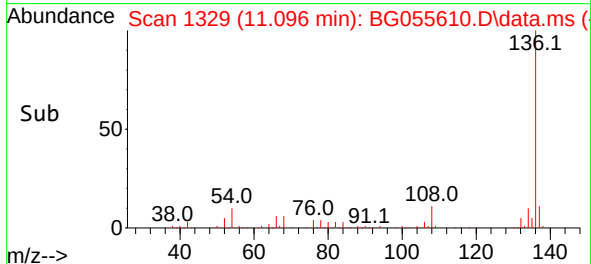
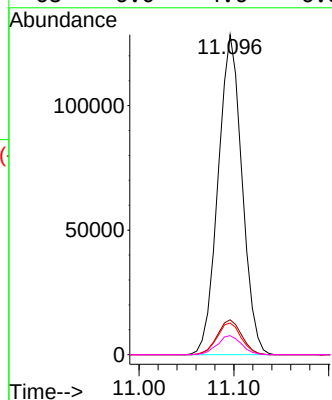
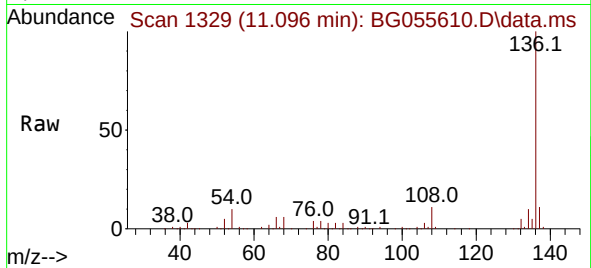




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.096 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

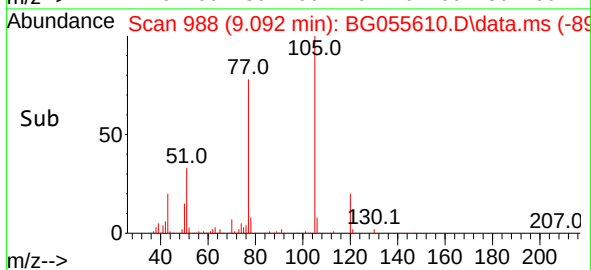
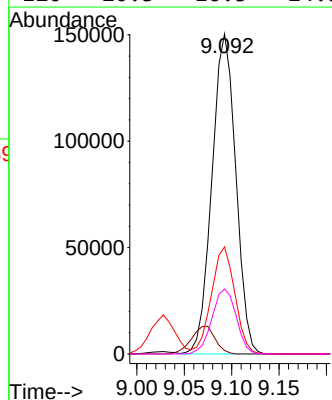
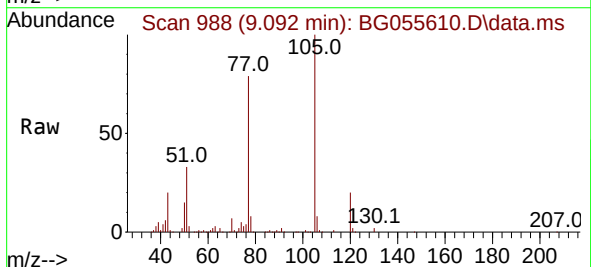
Instrument :  
BNA\_G  
ClientSampleId :  
SB-25MS

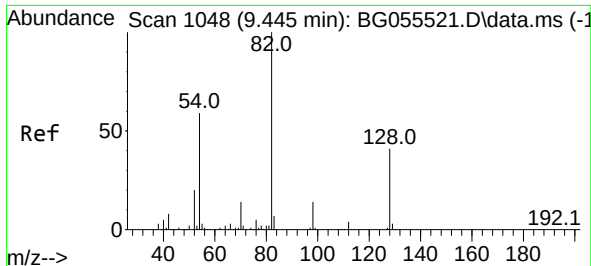
Tgt Ion:136 Resp: 225164  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 12.8  
54 9.9 8.6 12.8  
68 6.0 4.6 6.8



#22  
Acetophenone  
Concen: 44.002 ng  
RT: 9.092 min Scan# 988  
Delta R.T. -0.007 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

Tgt Ion:105 Resp: 263560  
Ion Ratio Lower Upper  
105 100  
71 1.1 0.8 1.2  
51 33.5 26.5 39.7  
120 20.3 16.3 24.5





#23

Nitrobenzene-d5

Concen: 98.142 ng

RT: 9.439 min Scan# 1047

Delta R.T. -0.006 min

Lab File: BG055610.D

Acq: 14 Nov 2022 18:45

Instrument :

BNA\_G

ClientSampleId :

SB-25MS

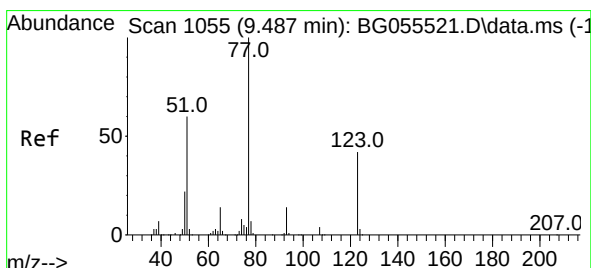
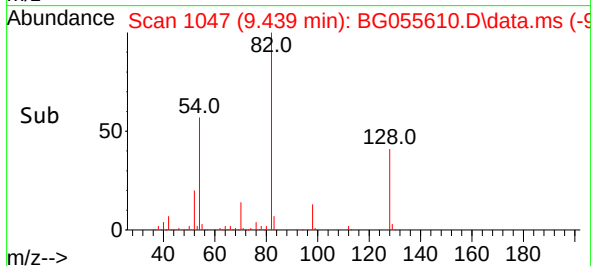
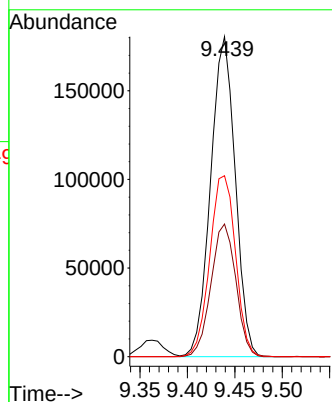
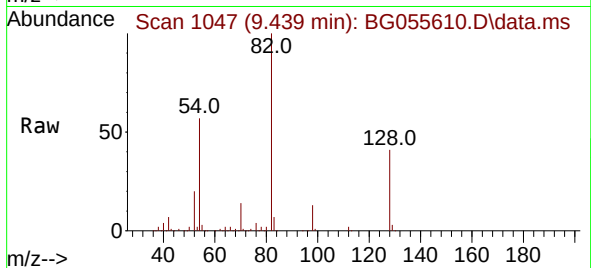
Tgt Ion: 82 Resp: 325970

Ion Ratio Lower Upper

82 100

128 41.4 32.6 49.0

54 56.6 47.3 70.9



#24

Nitrobenzene

Concen: 52.445 ng

RT: 9.480 min Scan# 1054

Delta R.T. -0.007 min

Lab File: BG055610.D

Acq: 14 Nov 2022 18:45

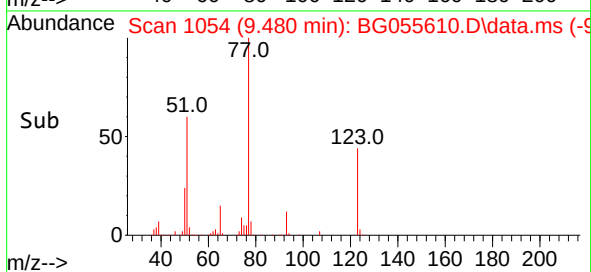
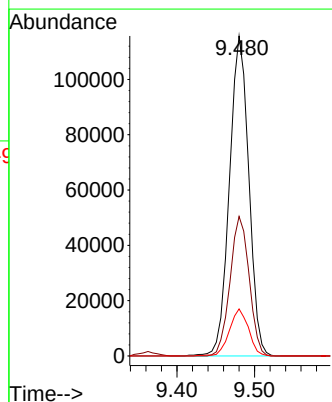
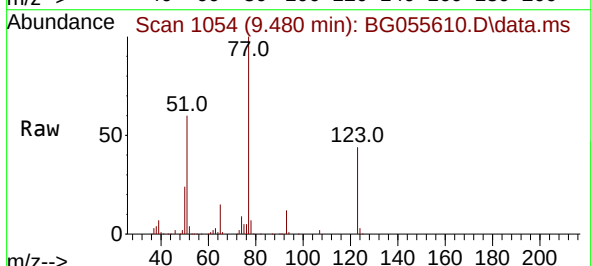
Tgt Ion: 77 Resp: 200399

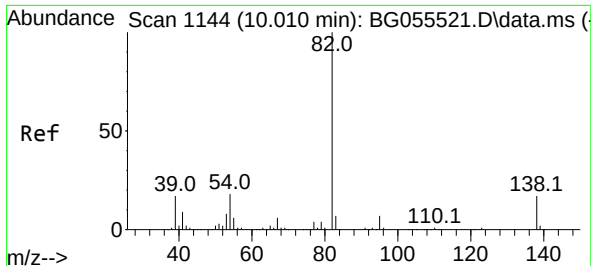
Ion Ratio Lower Upper

77 100

123 43.6 33.4 50.2

65 14.7 11.5 17.3

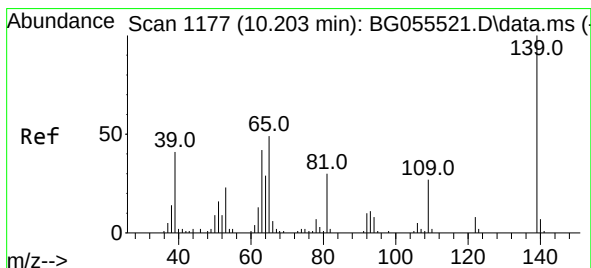
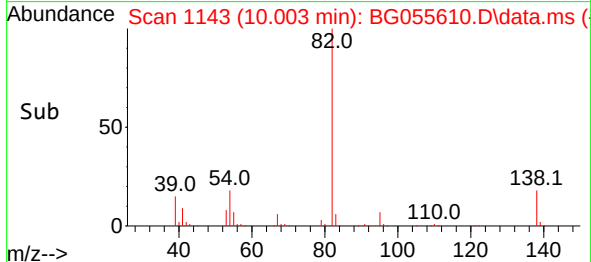
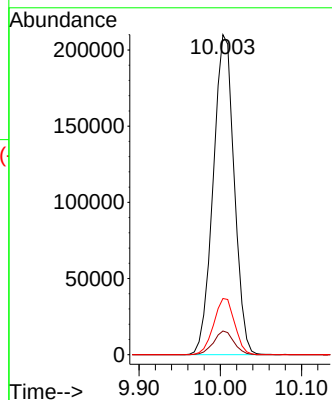
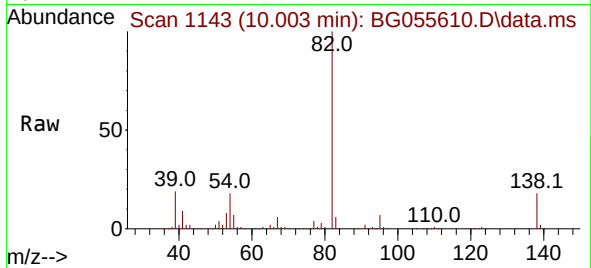




#25  
Isophorone  
Concen: 44.425 ng  
RT: 10.003 min Scan# 1143  
Delta R.T. -0.007 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

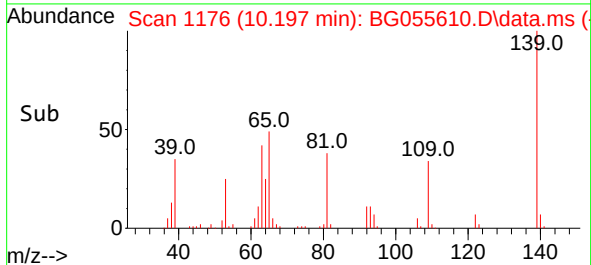
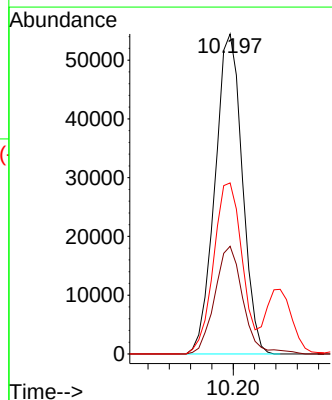
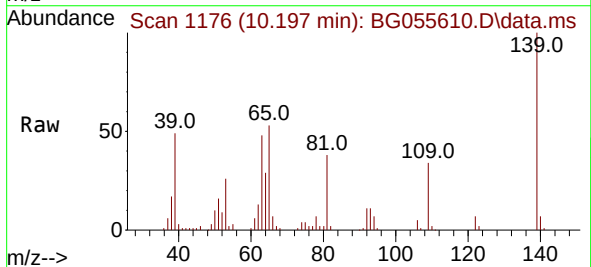
Instrument :  
BNA\_G  
ClientSampleId :  
SB-25MS

Tgt Ion: 82 Resp: 376969  
Ion Ratio Lower Upper  
82 100  
95 7.4 5.7 8.5  
138 17.6 13.8 20.6

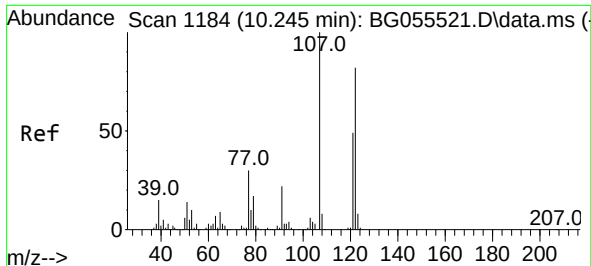


#26  
2-Nitrophenol  
Concen: 74.910 ng  
RT: 10.197 min Scan# 1176  
Delta R.T. -0.006 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

Tgt Ion:139 Resp: 96690  
Ion Ratio Lower Upper  
139 100  
109 33.6 21.5 32.3#  
65 53.4 39.6 59.4







#27

2,4-Dimethylphenol

Concen: 58.144 ng

RT: 10.244 min Scan# 1184

Delta R.T. -0.001 min

Lab File: BG055610.D

Acq: 14 Nov 2022 18:45

Instrument :

BNA\_G

ClientSampleId :

SB-25MS

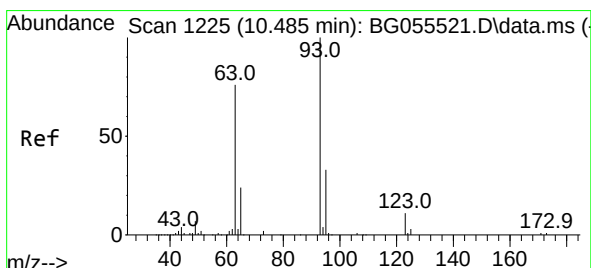
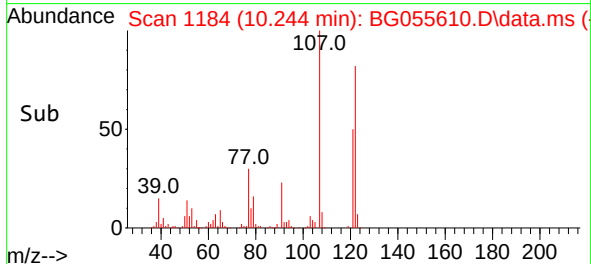
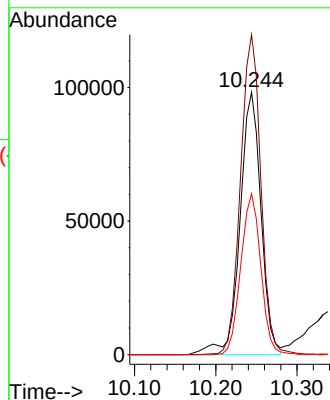
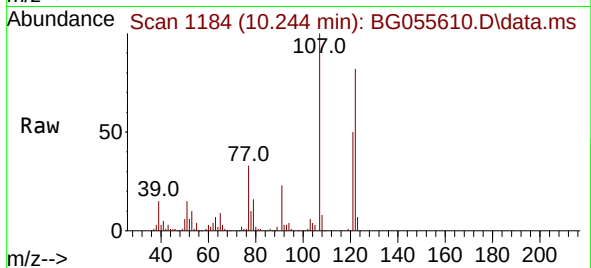
Tgt Ion:122 Resp: 176402

Ion Ratio Lower Upper

122 100

107 122.0 97.8 146.6

121 61.3 47.9 71.9



#28

bis(2-Chloroethoxy)methane

Concen: 47.129 ng

RT: 10.479 min Scan# 1224

Delta R.T. -0.006 min

Lab File: BG055610.D

Acq: 14 Nov 2022 18:45

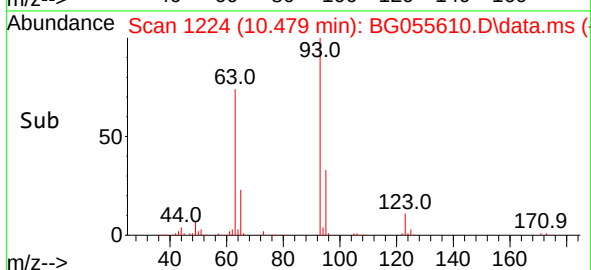
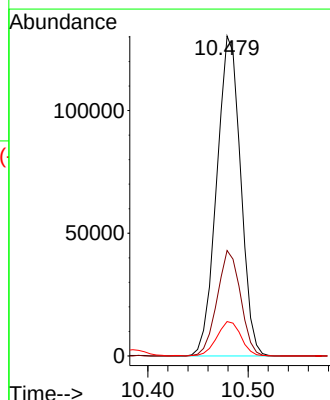
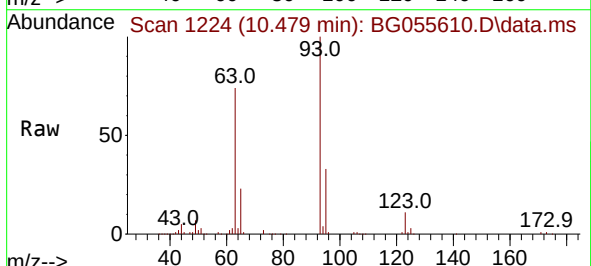
Tgt Ion: 93 Resp: 215625

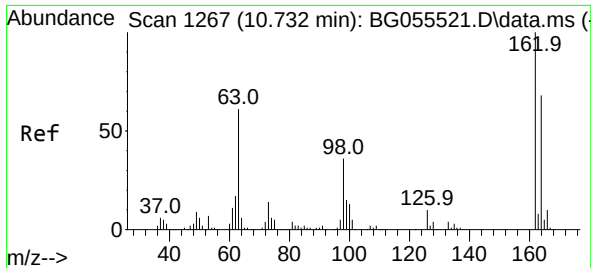
Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.4

123 10.7 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 54.956 ng

RT: 10.738 min Scan# 1

Delta R.T. 0.006 min

Lab File: BG055610.D

Acq: 14 Nov 2022 18:45

Instrument :

BNA\_G

ClientSampleId :

SB-25MS

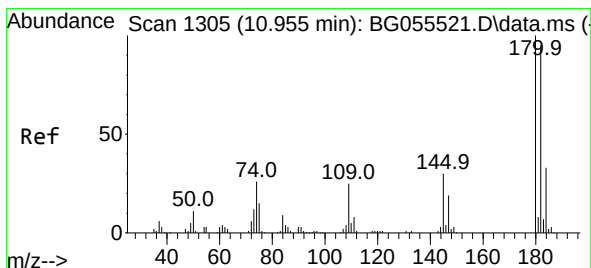
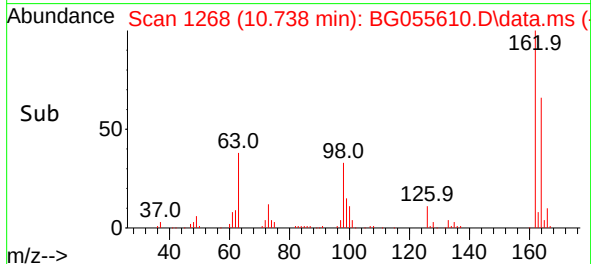
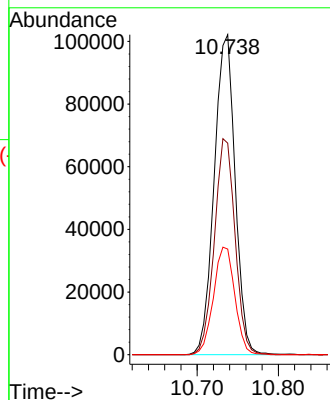
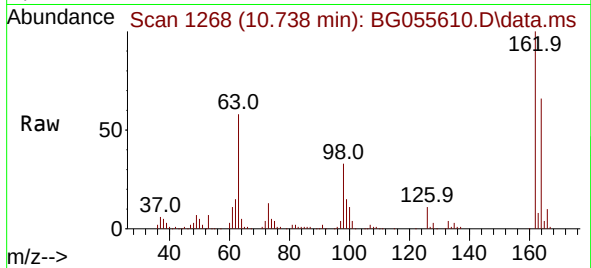
Tgt Ion:162 Resp: 183230

Ion Ratio Lower Upper

162 100

164 66.1 48.3 88.3

98 33.0 15.6 55.6



#30

1,2,4-Trichlorobenzene

Concen: 48.338 ng

RT: 10.955 min Scan# 1305

Delta R.T. -0.000 min

Lab File: BG055610.D

Acq: 14 Nov 2022 18:45

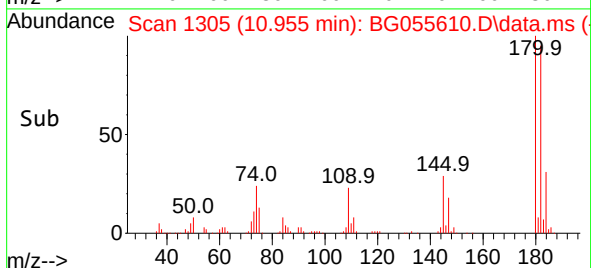
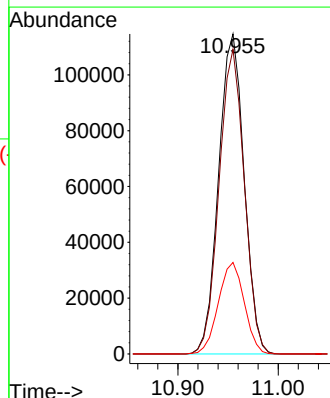
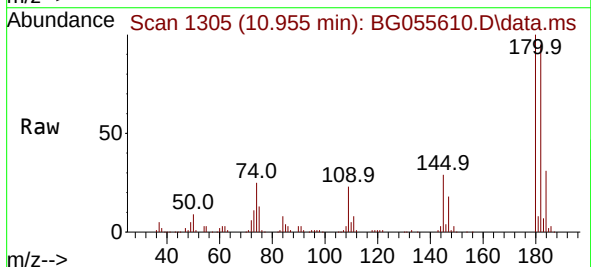
Tgt Ion:180 Resp: 201879

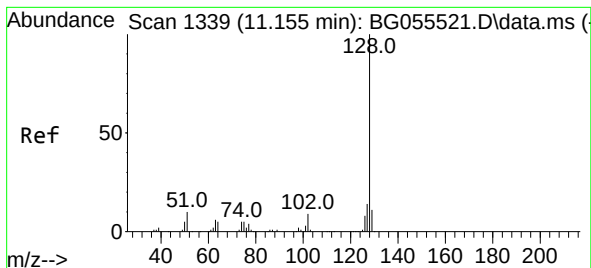
Ion Ratio Lower Upper

180 100

182 95.2 75.9 113.9

145 28.6 23.8 35.6





#31

Naphthalene

Concen: 44.678 ng

RT: 11.149 min Scan# 11

Delta R.T. -0.006 min

Lab File: BG055610.D

Acq: 14 Nov 2022 18:45

Instrument :

BNA\_G

ClientSampleId :

SB-25MS

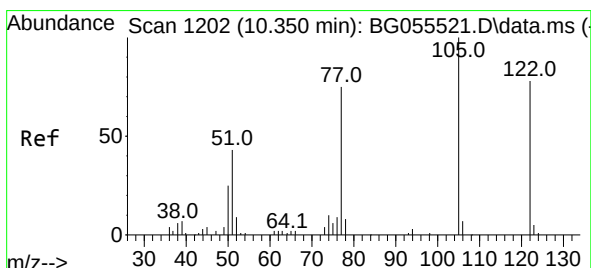
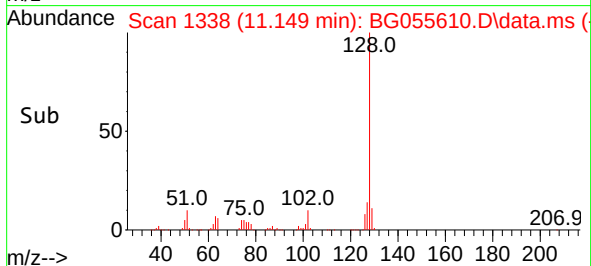
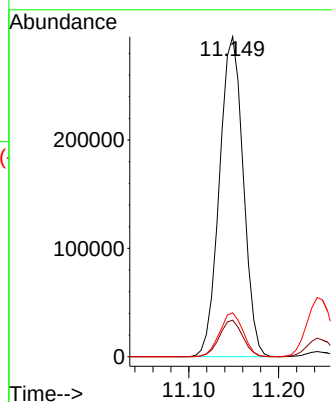
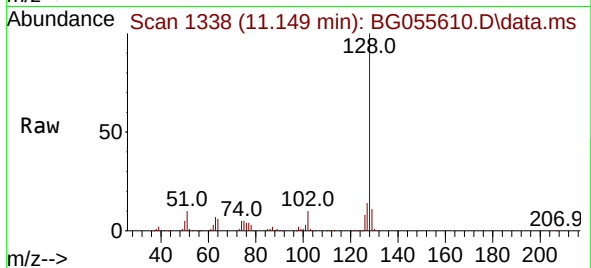
Tgt Ion:128 Resp: 543890

Ion Ratio Lower Upper

128 100

129 11.4 8.7 13.1

127 13.7 11.1 16.7



#32

Benzoic acid

Concen: 61.820 ng

RT: 10.385 min Scan# 1208

Delta R.T. 0.035 min

Lab File: BG055610.D

Acq: 14 Nov 2022 18:45

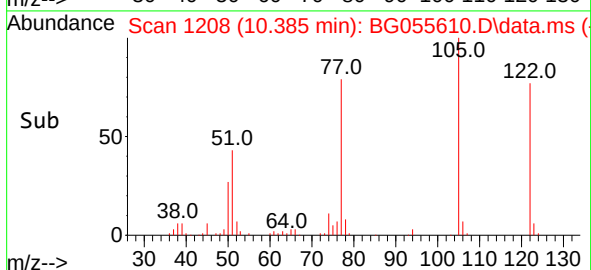
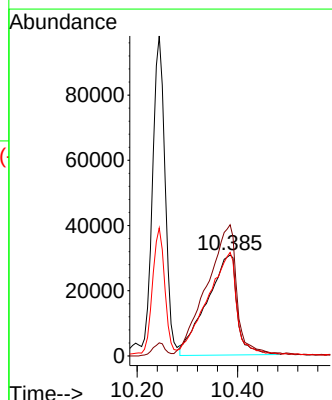
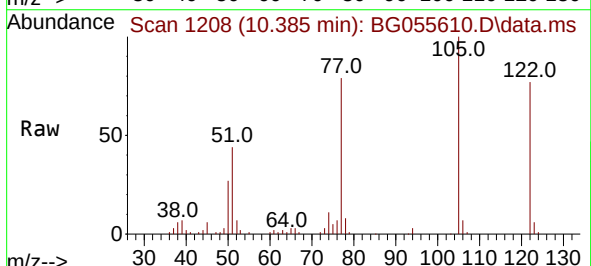
Tgt Ion:122 Resp: 128344

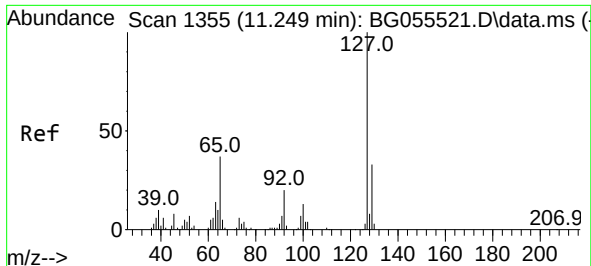
Ion Ratio Lower Upper

122 100

105 129.8 101.2 141.2

77 102.4 74.4 114.4

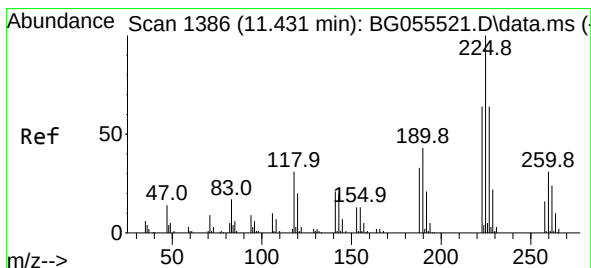
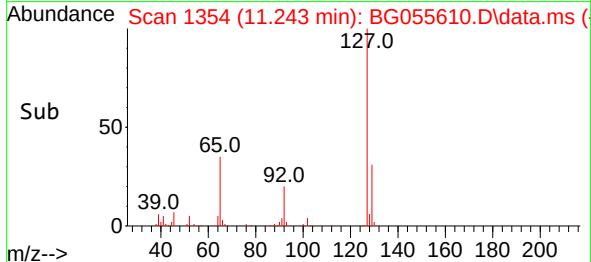
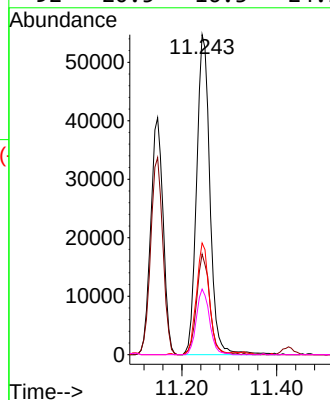
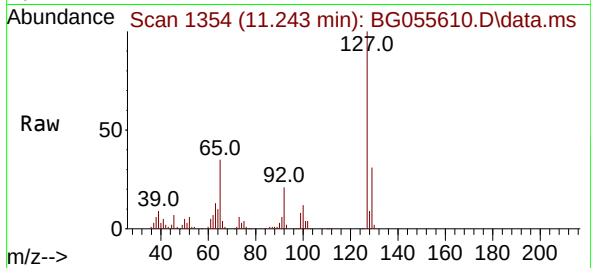




#33  
4-Chloroaniline  
Concen: 21.005 ng  
RT: 11.243 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

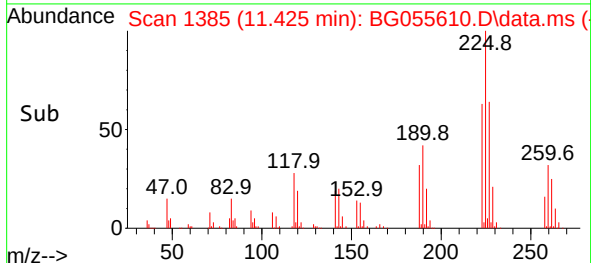
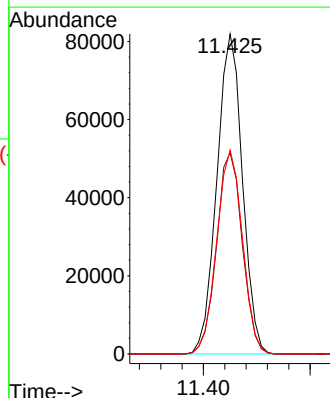
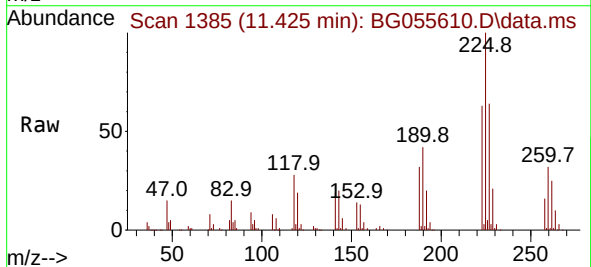
Instrument :  
BNA\_G  
ClientSampleId :  
SB-25MS

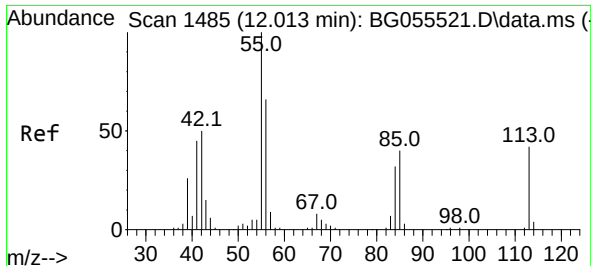
|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:127 | Resp: | 106882 |
| Ion | Ratio   | Lower | Upper  |
| 127 | 100     |       |        |
| 129 | 31.4    | 26.5  | 39.7   |
| 65  | 34.9    | 29.3  | 43.9   |
| 92  | 20.5    | 16.3  | 24.5   |



#34  
Hexachlorobutadiene  
Concen: 48.907 ng  
RT: 11.425 min Scan# 1385  
Delta R.T. -0.006 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:225 | Resp: | 136225 |
| Ion | Ratio   | Lower | Upper  |
| 225 | 100     |       |        |
| 223 | 62.9    | 51.5  | 77.3   |
| 227 | 63.7    | 51.6  | 77.4   |

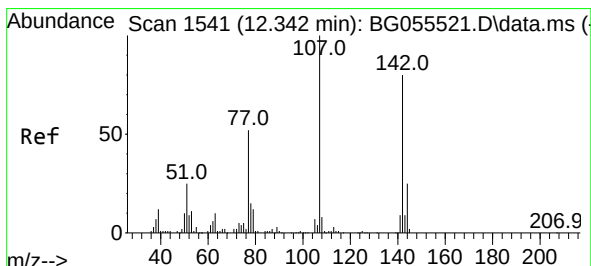
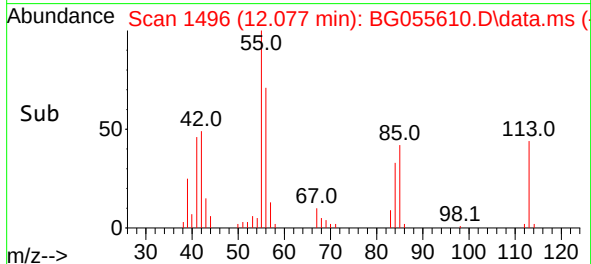
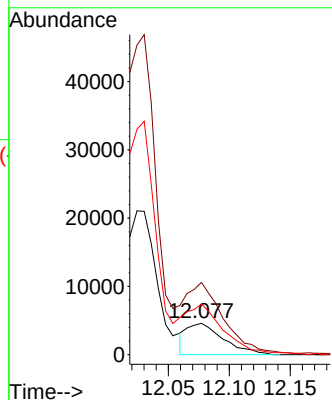
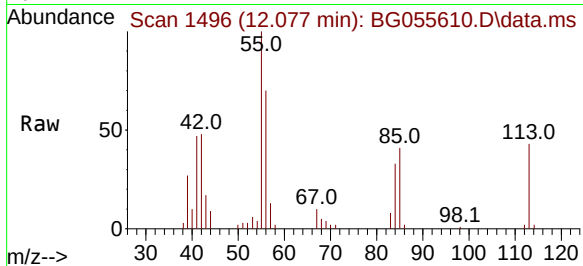




#35  
Caprolactam  
Concen: 8.438 ng  
RT: 12.077 min Scan# 1496  
Delta R.T. 0.064 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

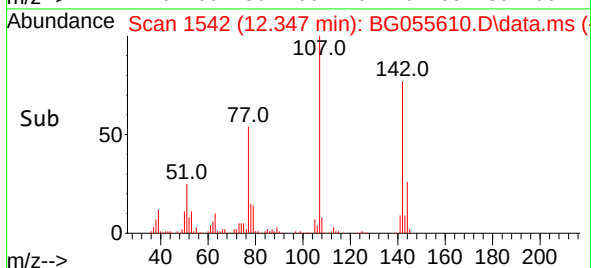
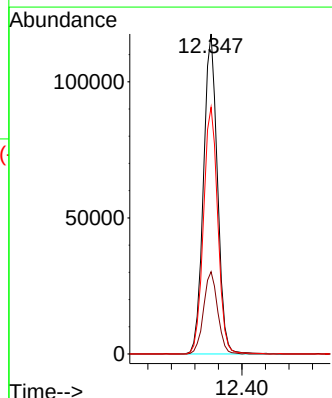
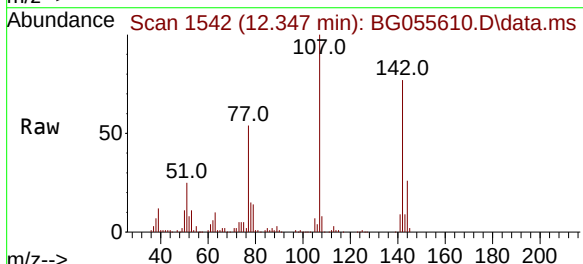
Instrument :  
BNA\_G  
ClientSampleId :  
SB-25MS

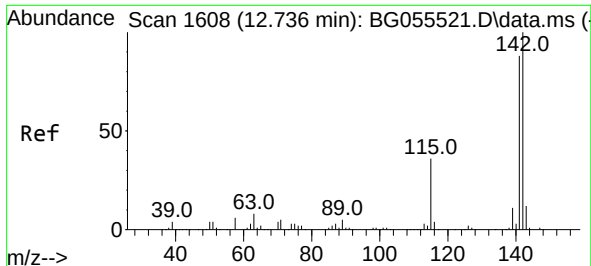
Tgt Ion:113 Resp: 9591  
Ion Ratio Lower Upper  
113 100  
55 230.7 215.6 255.6  
56 161.7 136.5 176.5



#36  
4-Chloro-3-methylphenol  
Concen: 49.197 ng  
RT: 12.347 min Scan# 1542  
Delta R.T. 0.005 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

Tgt Ion:107 Resp: 193347  
Ion Ratio Lower Upper  
107 100  
144 25.7 20.3 30.5  
142 77.1 64.1 96.1

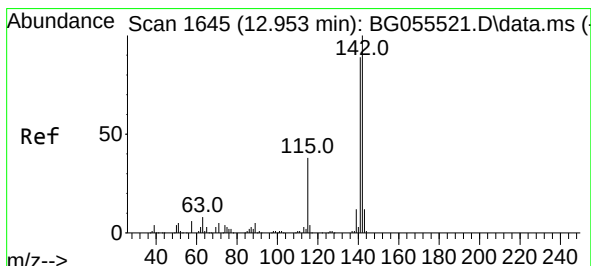
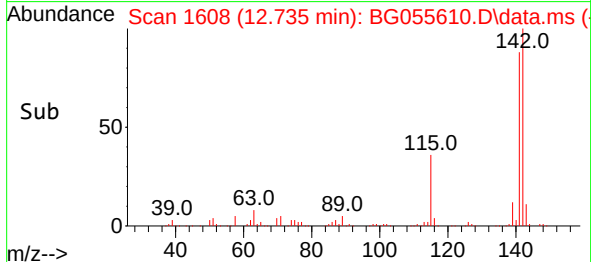
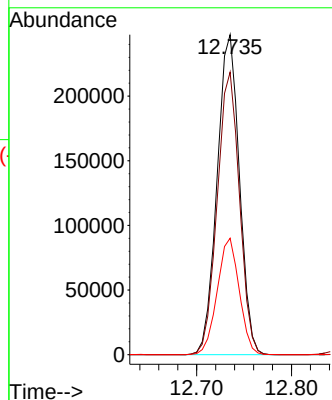
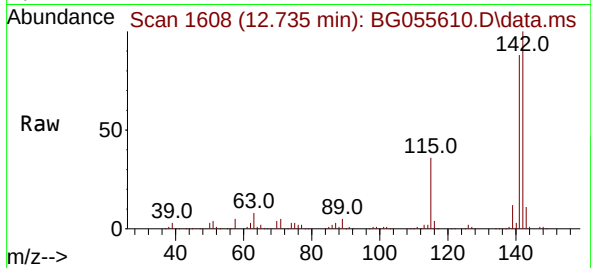




#37  
2-Methylnaphthalene  
Concen: 44.305 ng  
RT: 12.735 min Scan# 1608  
Delta R.T. -0.001 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

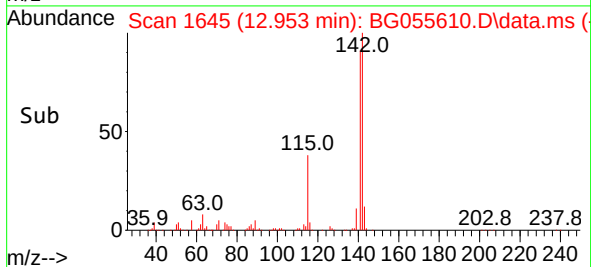
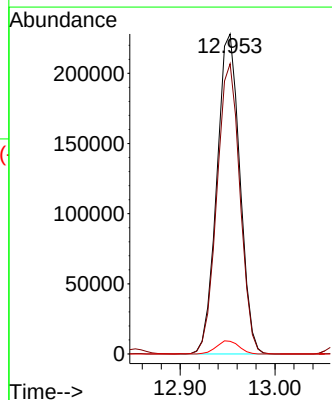
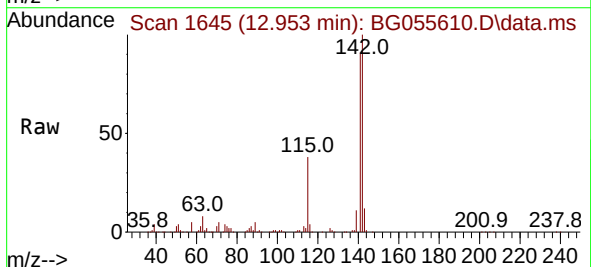
Instrument :  
BNA\_G  
ClientSampleId :  
SB-25MS

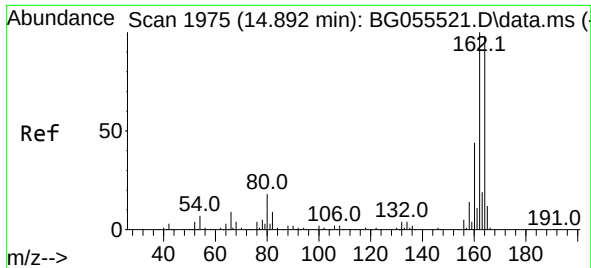
Tgt Ion:142 Resp: 405236  
Ion Ratio Lower Upper  
142 100  
141 88.3 70.3 105.5  
115 36.4 28.9 43.3



#38  
1-Methylnaphthalene  
Concen: 43.028 ng  
RT: 12.953 min Scan# 1645  
Delta R.T. -0.000 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

Tgt Ion:142 Resp: 384957  
Ion Ratio Lower Upper  
142 100  
141 90.7 71.6 107.4  
116 4.0 3.0 4.6

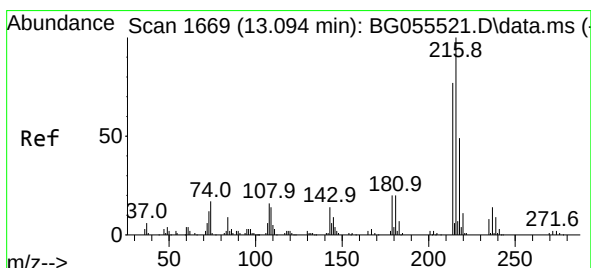
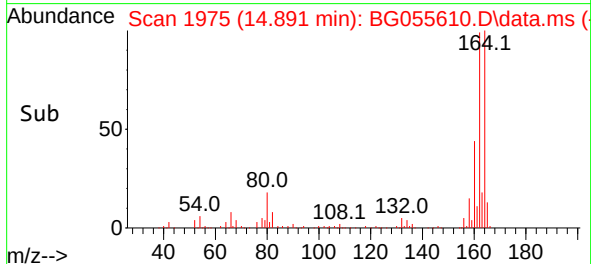
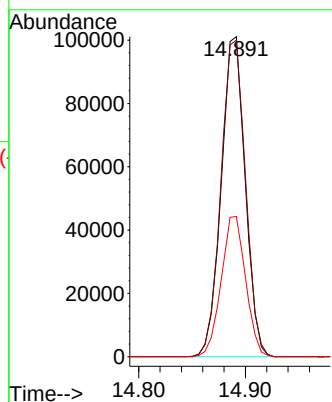
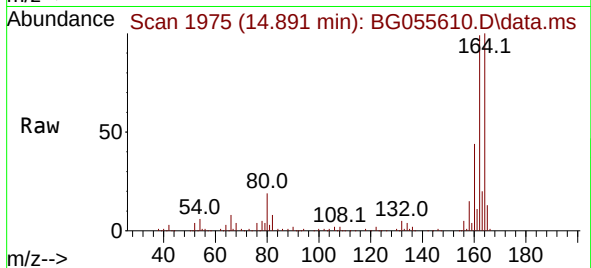




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.891 min Scan# 1975  
Delta R.T. -0.001 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

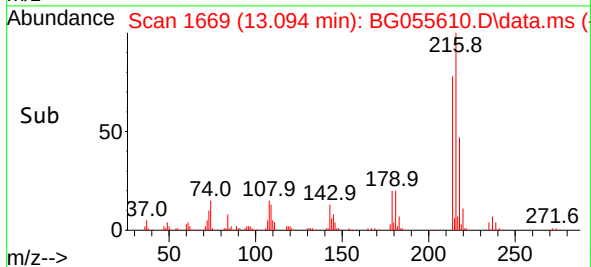
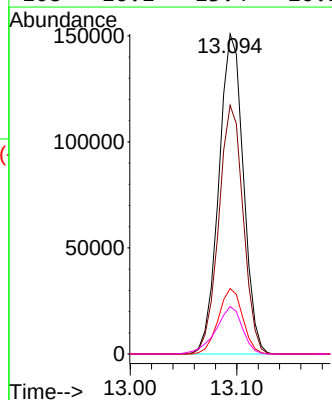
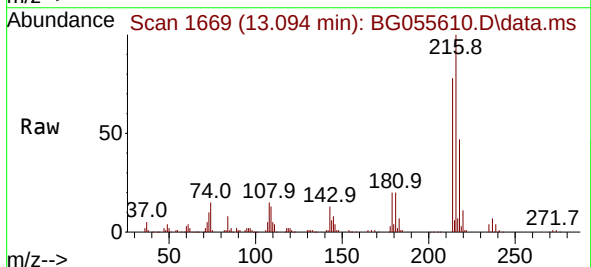
Instrument :  
BNA\_G  
ClientSampleId :  
SB-25MS

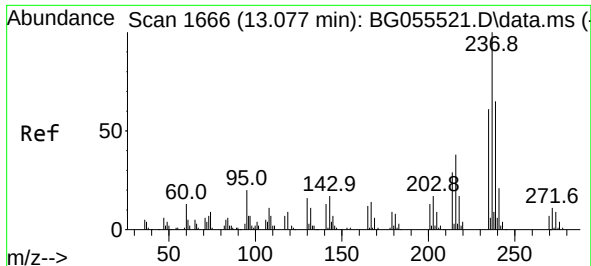
Tgt Ion:164 Resp: 157184  
Ion Ratio Lower Upper  
164 100  
162 98.9 81.3 121.9  
160 43.8 35.9 53.9



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 51.254 ng  
RT: 13.094 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

Tgt Ion:216 Resp: 240651  
Ion Ratio Lower Upper  
216 100  
214 77.4 61.3 91.9  
179 20.3 16.3 24.5  
108 16.1 13.4 20.2

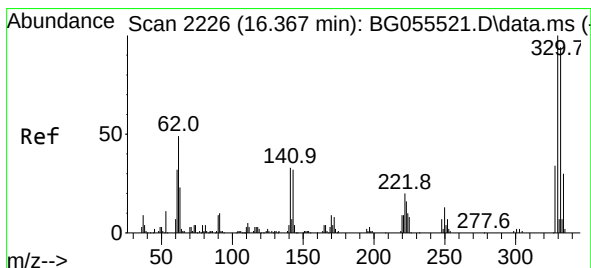
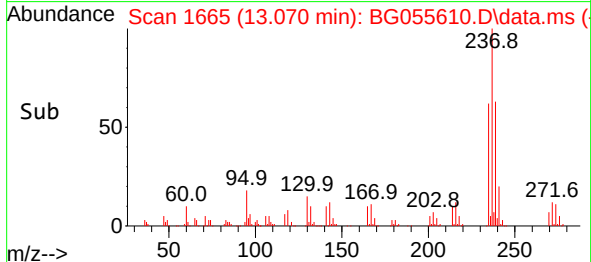
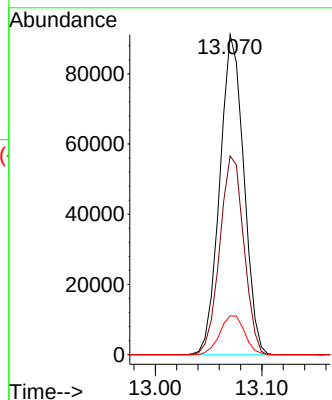
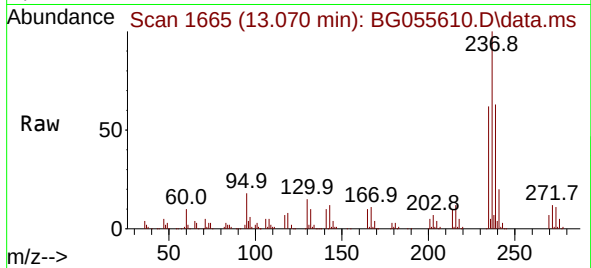




#41  
Hexachlorocyclopentadiene  
Concen: 70.855 ng  
RT: 13.070 min Scan# 1  
Delta R.T. -0.007 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

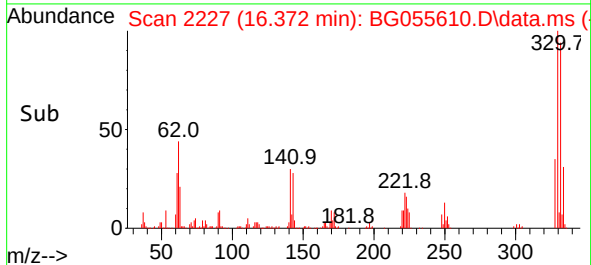
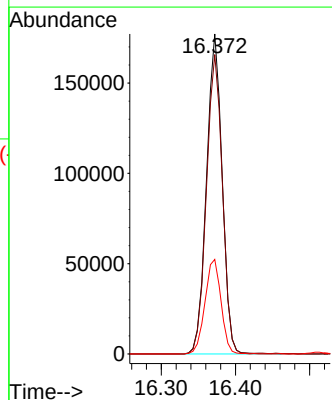
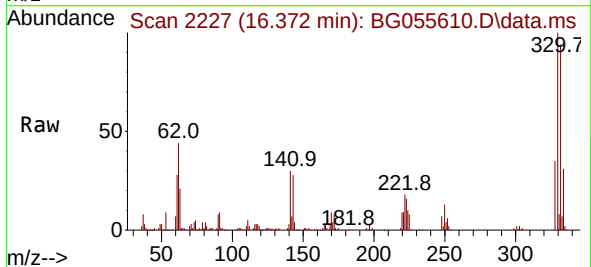
Instrument :  
BNA\_G  
ClientSampleId :  
SB-25MS

Tgt Ion:237 Resp: 142423  
Ion Ratio Lower Upper  
237 100  
235 62.1 40.6 80.6  
272 12.2 0.0 31.4

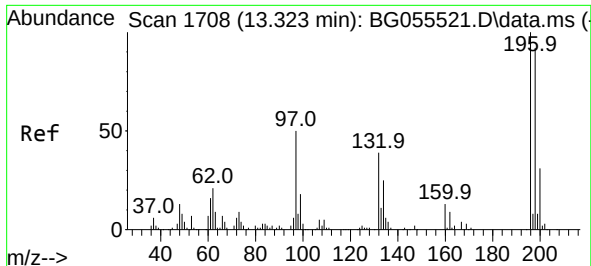


#42  
2,4,6-Tribromophenol  
Concen: 169.625 ng  
RT: 16.372 min Scan# 2227  
Delta R.T. 0.005 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

Tgt Ion:330 Resp: 260145  
Ion Ratio Lower Upper  
330 100  
332 95.3 77.4 116.2  
141 30.4 25.4 38.2



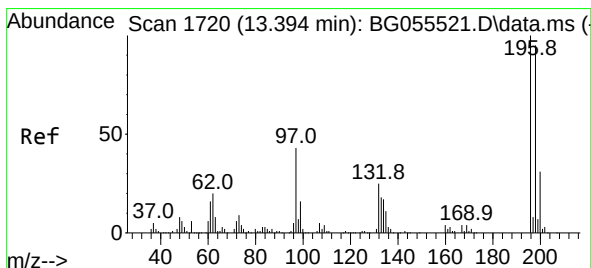
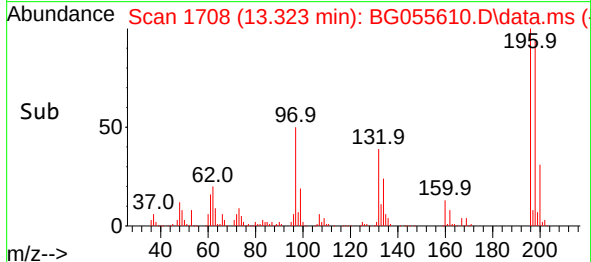
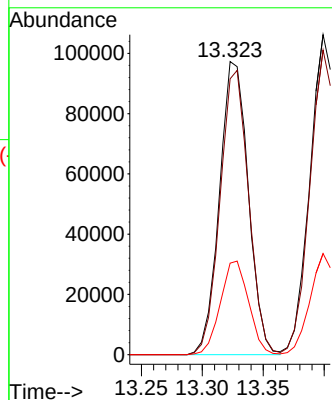
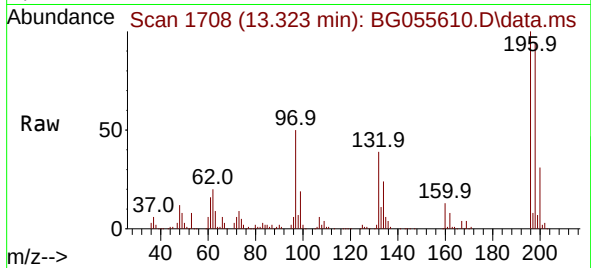




#43  
2,4,6-Trichlorophenol  
Concen: 58.170 ng  
RT: 13.323 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

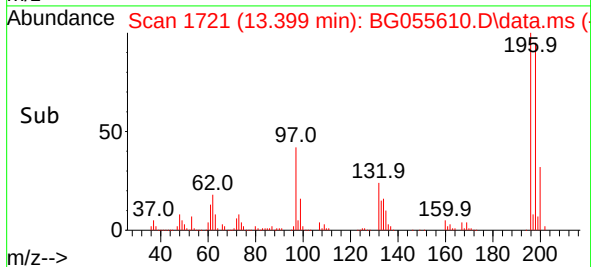
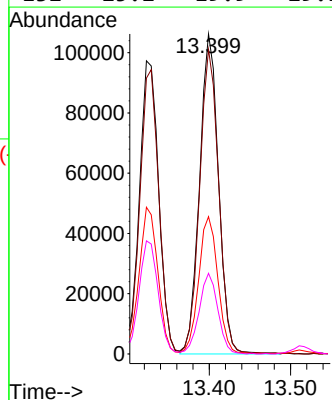
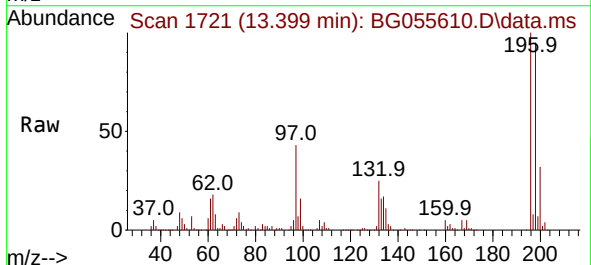
Instrument :  
BNA\_G  
ClientSampleId :  
SB-25MS

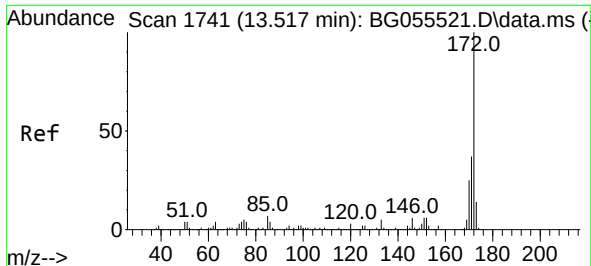
Tgt Ion:196 Resp: 160593  
Ion Ratio Lower Upper  
196 100  
198 94.1 73.9 110.9  
200 31.2 24.6 37.0



#44  
2,4,5-Trichlorophenol  
Concen: 54.558 ng  
RT: 13.399 min Scan# 1721  
Delta R.T. 0.005 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

Tgt Ion:196 Resp: 172432  
Ion Ratio Lower Upper  
196 100  
198 95.2 76.1 114.1  
97 42.9 34.2 51.4  
132 25.2 19.9 29.9

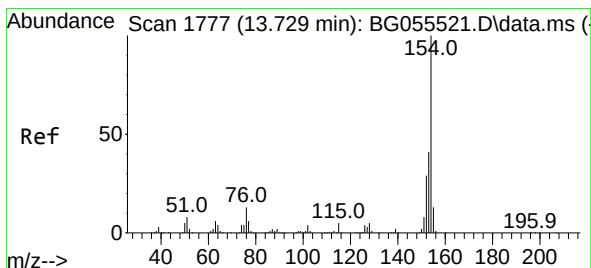
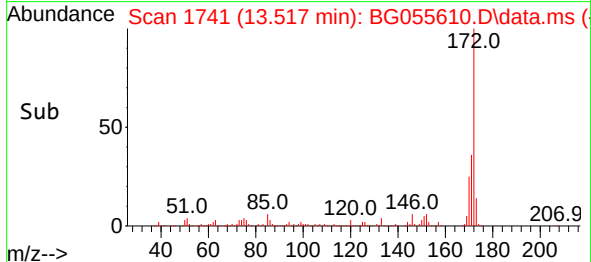
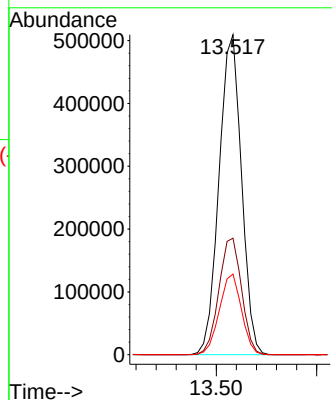
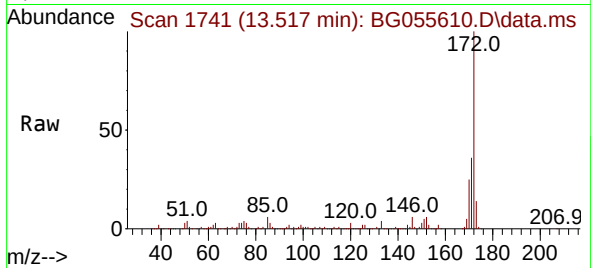




#45  
2-Fluorobiphenyl  
Concen: 75.760 ng  
RT: 13.517 min Scan# 1741  
Delta R.T. -0.000 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

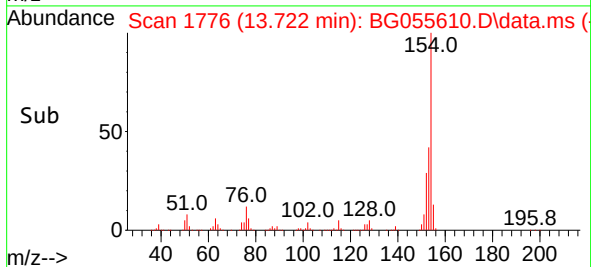
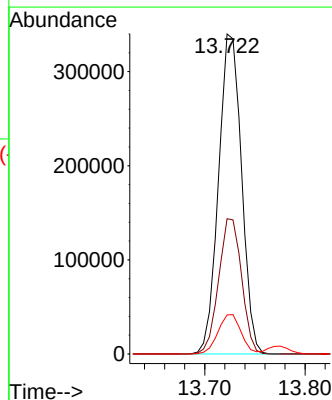
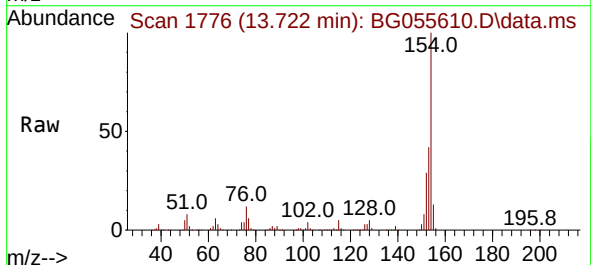
Instrument :  
BNA\_G  
ClientSampleId :  
SB-25MS

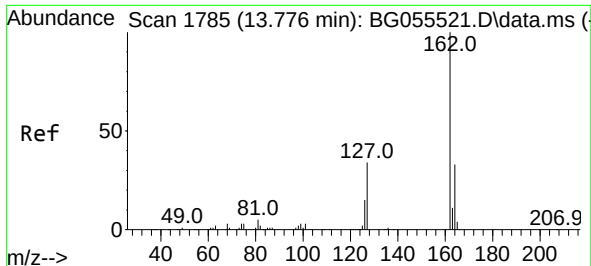
Tgt Ion:172 Resp: 789467  
Ion Ratio Lower Upper  
172 100  
171 36.4 29.7 44.5  
170 25.2 19.8 29.6



#46  
1,1'-Biphenyl  
Concen: 46.947 ng  
RT: 13.722 min Scan# 1776  
Delta R.T. -0.007 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

Tgt Ion:154 Resp: 539862  
Ion Ratio Lower Upper  
154 100  
153 42.3 20.9 60.9  
76 12.2 0.0 32.7

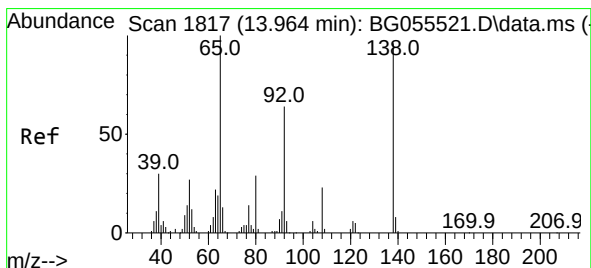
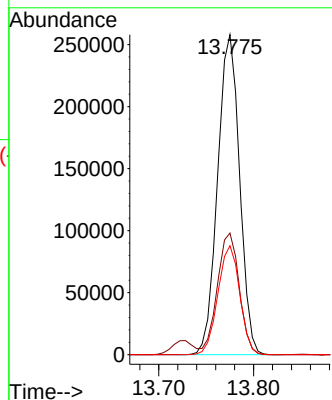
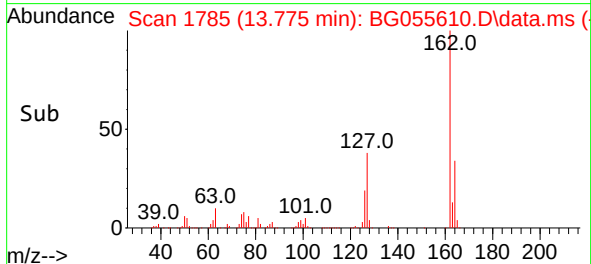
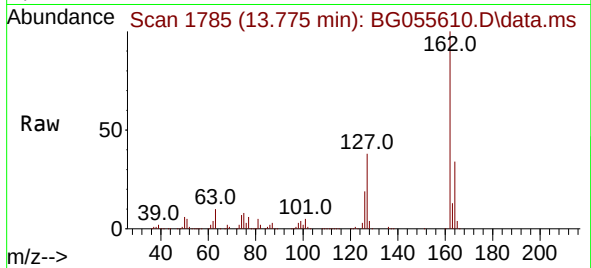




#47  
2-Chloronaphthalene  
Concen: 46.723 ng  
RT: 13.775 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

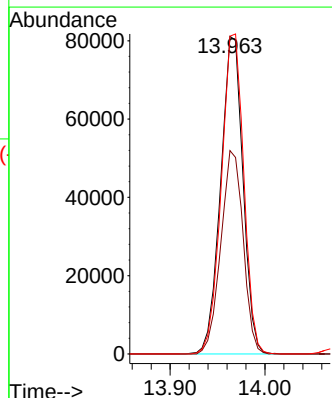
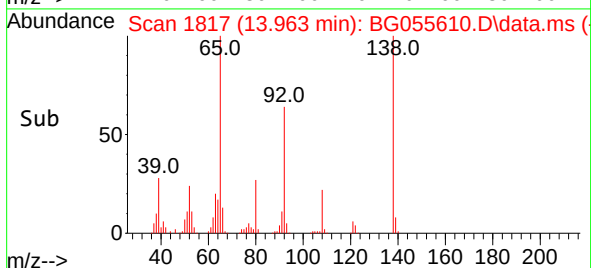
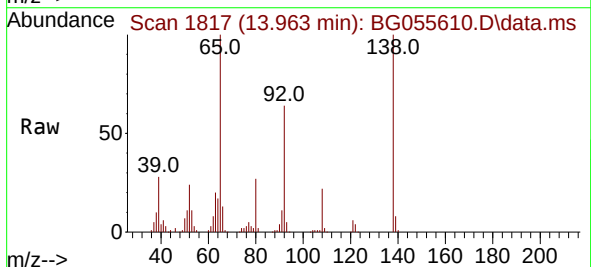
Instrument :  
BNA\_G  
ClientSampleId :  
SB-25MS

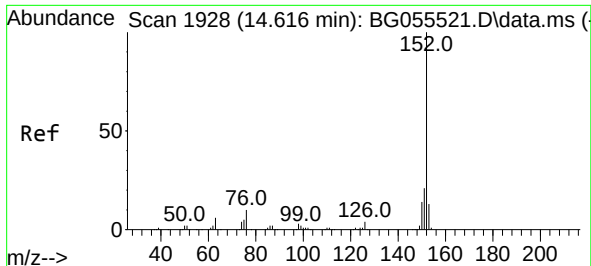
Tgt Ion:162 Resp: 414989  
Ion Ratio Lower Upper  
162 100  
127 38.0 30.9 46.3  
164 34.1 26.8 40.2



#48  
2-Nitroaniline  
Concen: 57.074 ng  
RT: 13.963 min Scan# 1817  
Delta R.T. -0.001 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

Tgt Ion: 65 Resp: 132355  
Ion Ratio Lower Upper  
65 100  
92 64.0 51.6 77.4  
138 100.0 77.0 115.4

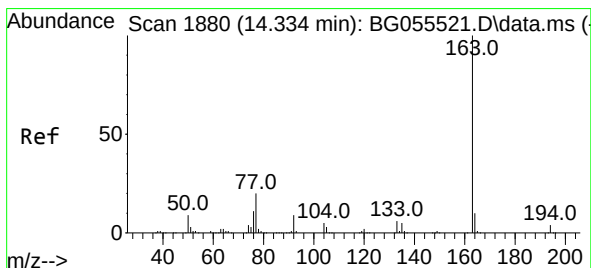
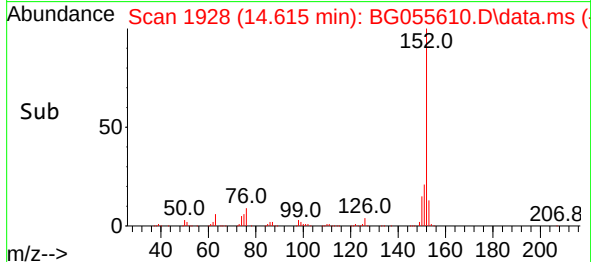
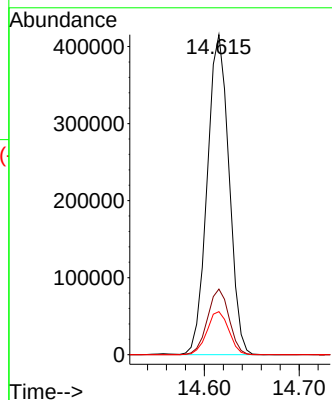
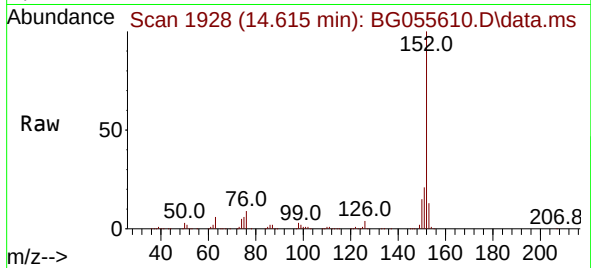




#49  
Acenaphthylene  
Concen: 45.048 ng  
RT: 14.615 min Scan# 1928  
Delta R.T. -0.001 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

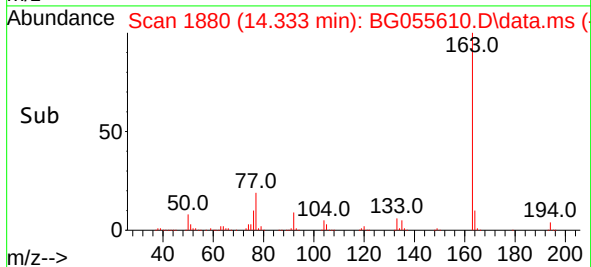
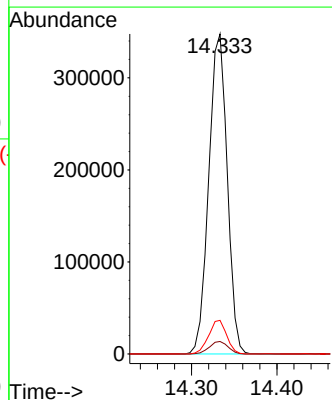
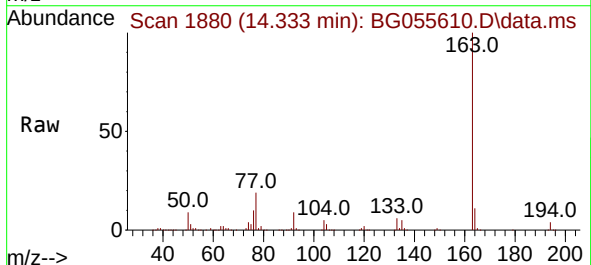
Instrument :  
BNA\_G  
ClientSampleId :  
SB-25MS

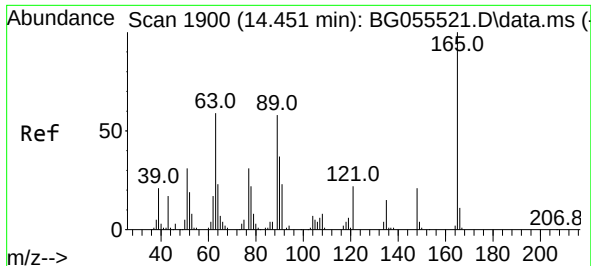
Tgt Ion:152 Resp: 662043  
Ion Ratio Lower Upper  
152 100  
151 20.5 16.4 24.6  
153 13.4 10.6 16.0



#50  
Dimethylphthalate  
Concen: 43.728 ng  
RT: 14.333 min Scan# 1880  
Delta R.T. -0.001 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

Tgt Ion:163 Resp: 522287  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.1 4.7  
164 10.5 8.2 12.4

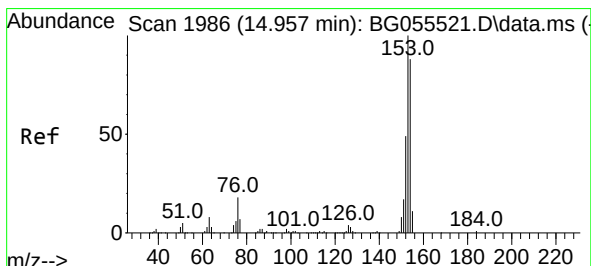
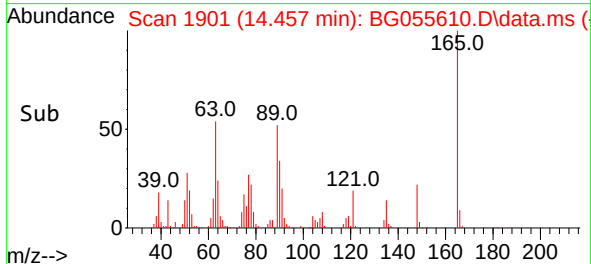
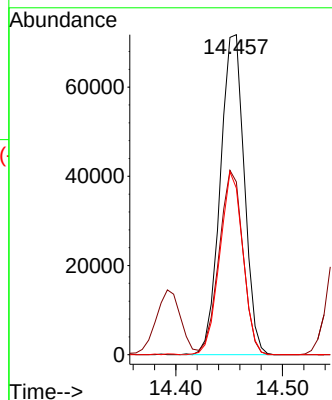
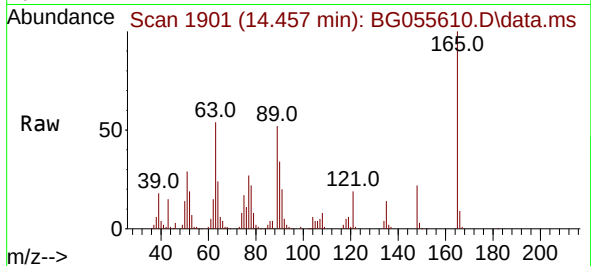




#51  
2,6-Dinitrotoluene  
Concen: 52.954 ng  
RT: 14.457 min Scan# 1900  
Delta R.T. 0.006 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

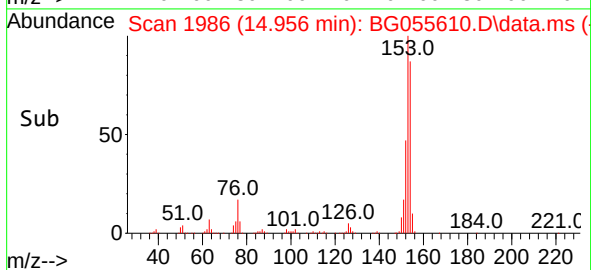
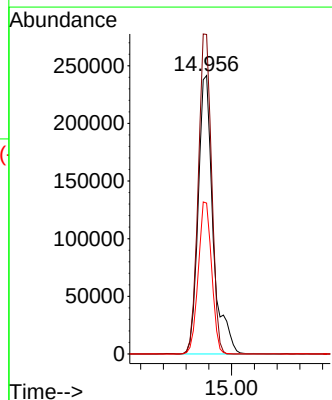
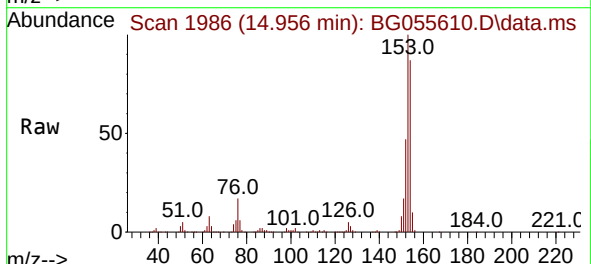
Instrument :  
BNA\_G  
ClientSampleId :  
SB-25MS

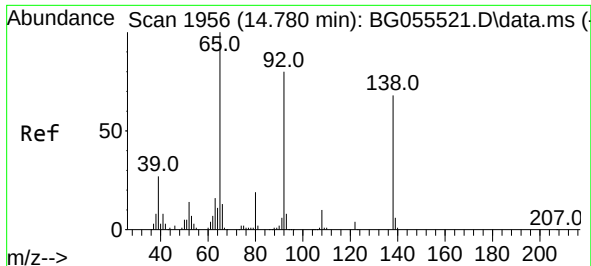
Tgt Ion:165 Resp: 111911  
Ion Ratio Lower Upper  
165 100  
63 54.0 50.1 75.1  
89 52.1 46.5 69.7



#52  
Acenaphthene  
Concen: 47.940 ng  
RT: 14.956 min Scan# 1986  
Delta R.T. -0.001 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

Tgt Ion:154 Resp: 439836  
Ion Ratio Lower Upper  
154 100  
153 114.8 91.4 137.0  
152 54.2 44.5 66.7

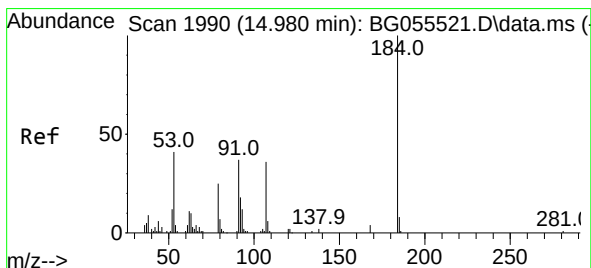
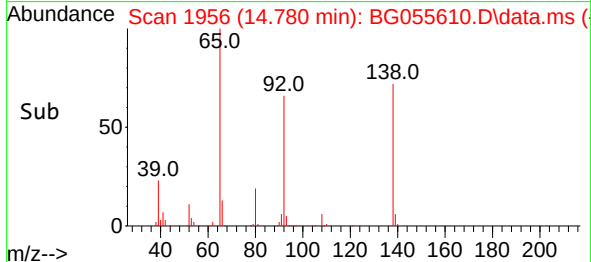
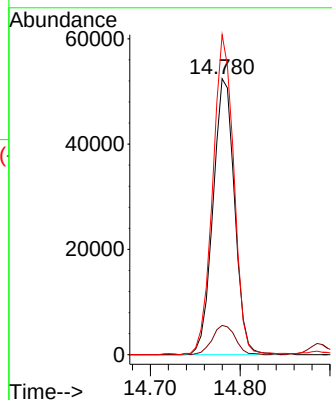
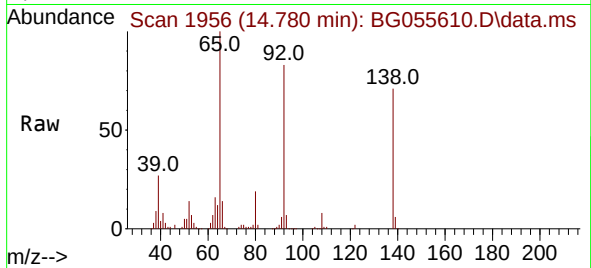




#53  
3-Nitroaniline  
Concen: 35.547 ng  
RT: 14.780 min Scan# 1956  
Delta R.T. -0.000 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

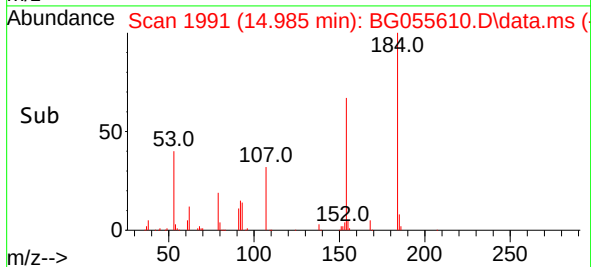
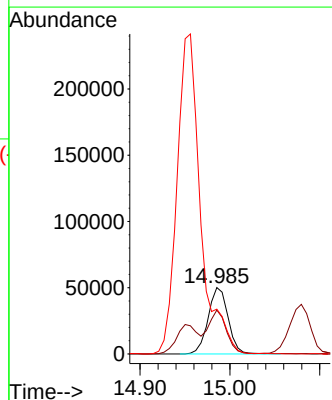
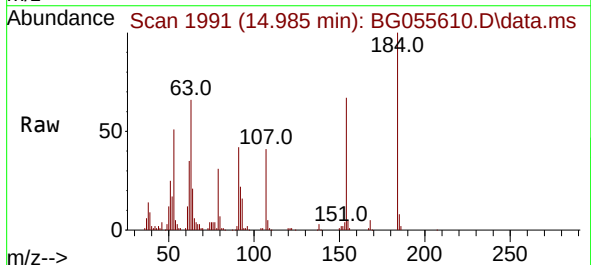
Instrument :  
BNA\_G  
ClientSampleId :  
SB-25MS

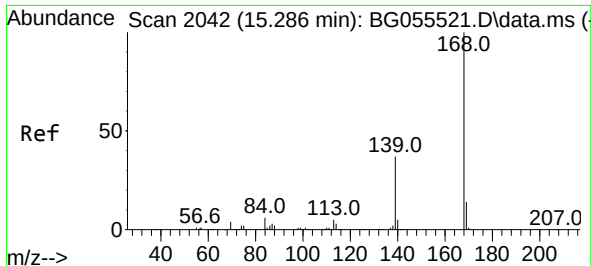
Tgt Ion:138 Resp: 87172  
Ion Ratio Lower Upper  
138 100  
108 10.6 11.7 17.5#  
92 116.0 94.3 141.5



#54  
2,4-Dinitrophenol  
Concen: 104.180 ng  
RT: 14.985 min Scan# 1991  
Delta R.T. 0.005 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

Tgt Ion:184 Resp: 77367  
Ion Ratio Lower Upper  
184 100  
63 66.1 43.8 65.8#  
154 67.5 77.2 115.8#

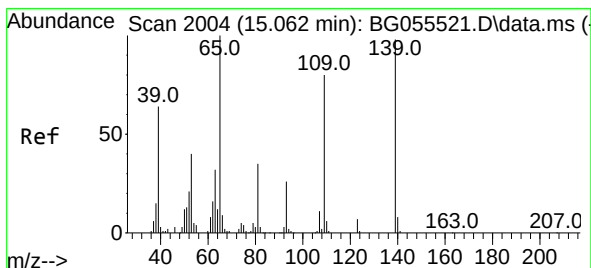
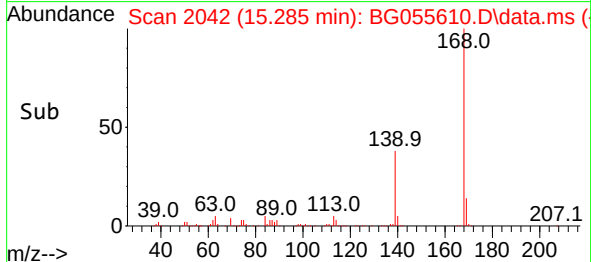
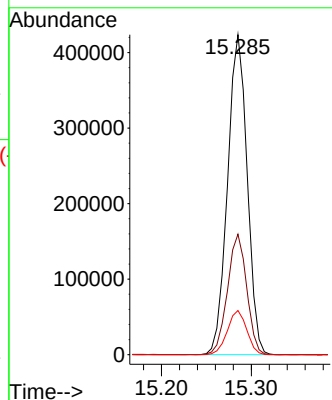
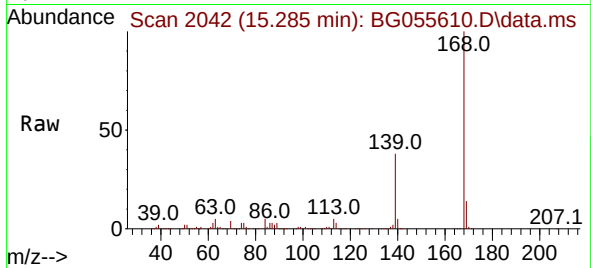




#55  
Dibenzenofuran  
Concen: 43.771 ng  
RT: 15.285 min Scan# 20  
Delta R.T. -0.001 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

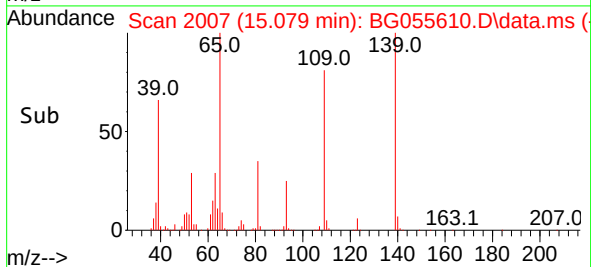
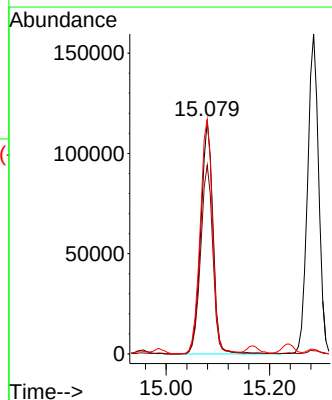
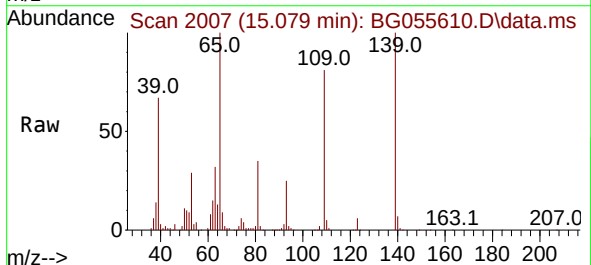
Instrument :  
BNA\_G  
ClientSampleId :  
SB-25MS

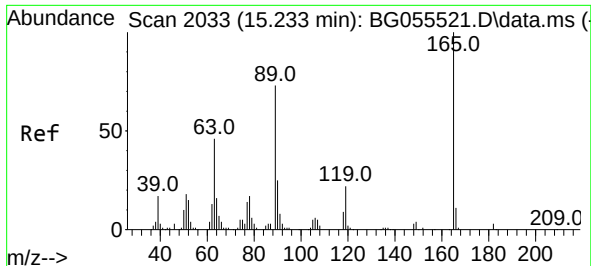
Tgt Ion:168 Resp: 642030  
Ion Ratio Lower Upper  
168 100  
139 37.7 29.4 44.2  
169 13.8 11.1 16.7



#56  
4-Nitrophenol  
Concen: 107.343 ng  
RT: 15.079 min Scan# 2007  
Delta R.T. 0.017 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

Tgt Ion:139 Resp: 189847  
Ion Ratio Lower Upper  
139 100  
109 80.9 61.8 101.8  
65 100.4 82.9 122.9





#57

2,4-Dinitrotoluene

Concen: 54.506 ng

RT: 15.238 min Scan# 2033

Delta R.T. 0.005 min

Lab File: BG055610.D

Acq: 14 Nov 2022 18:45

Instrument :

BNA\_G

ClientSampleId :

SB-25MS

Tgt Ion:165 Resp: 152635

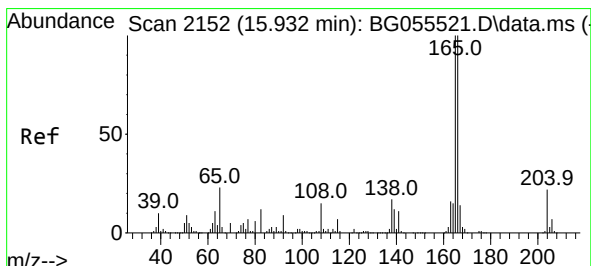
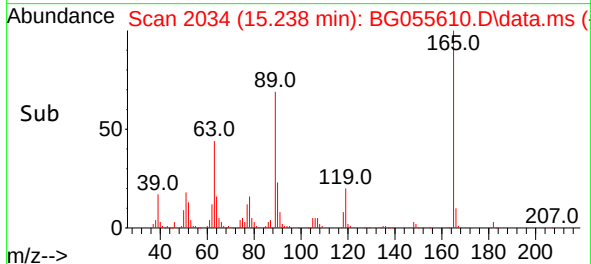
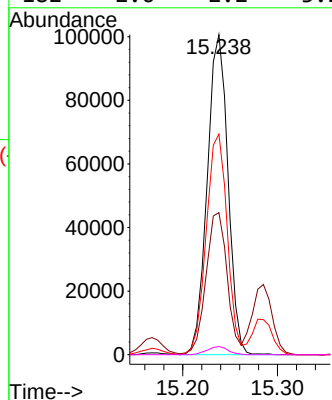
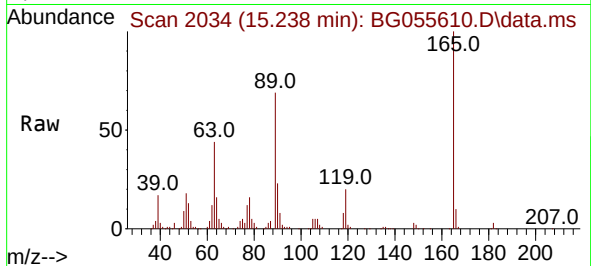
Ion Ratio Lower Upper

165 100

63 44.4 37.0 55.4

89 69.0 58.6 87.8

182 2.6 2.2 3.2



#58

Fluorene

Concen: 42.650 ng

RT: 15.931 min Scan# 2152

Delta R.T. -0.001 min

Lab File: BG055610.D

Acq: 14 Nov 2022 18:45

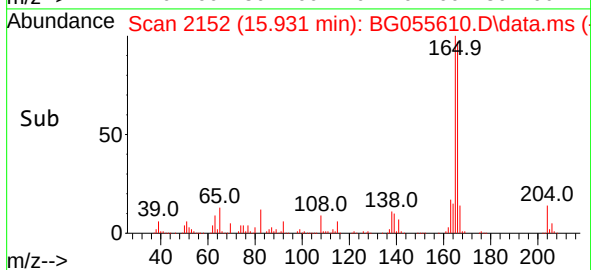
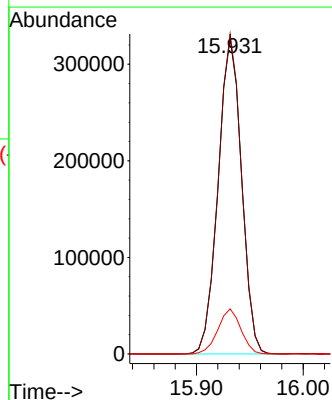
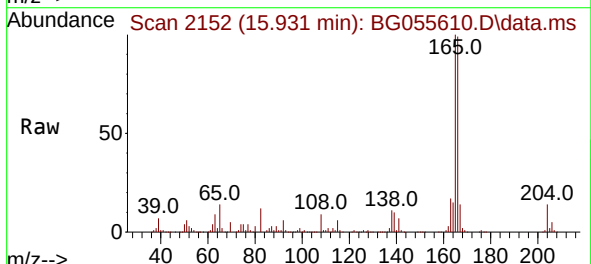
Tgt Ion:166 Resp: 497695

Ion Ratio Lower Upper

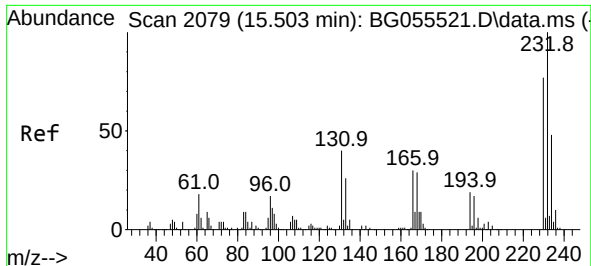
166 100

165 101.4 80.2 120.2

167 14.3 11.2 16.8





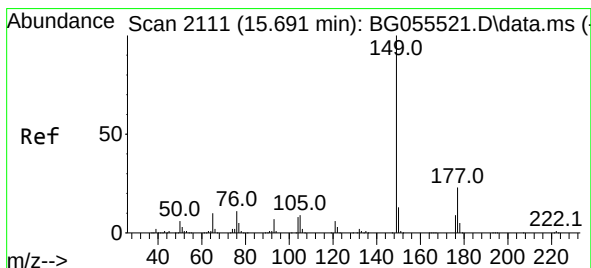
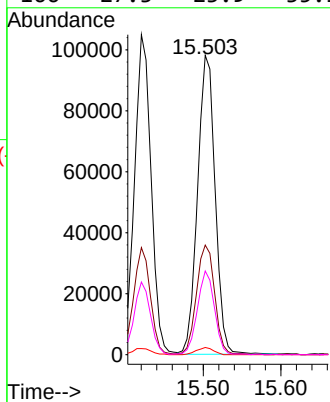
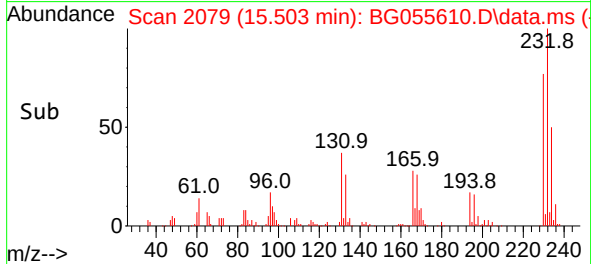
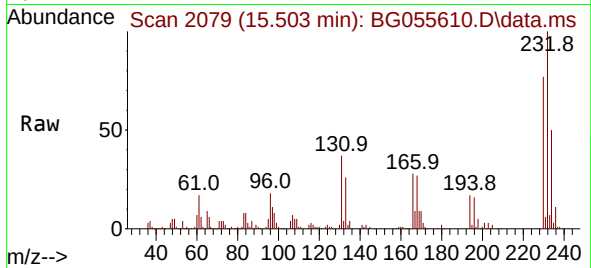


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 52.675 ng  
RT: 15.503 min Scan# 2079  
Delta R.T. -0.000 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

Instrument :  
BNA\_G  
ClientSampleId :  
SB-25MS

Tgt Ion:232 Resp: 154307

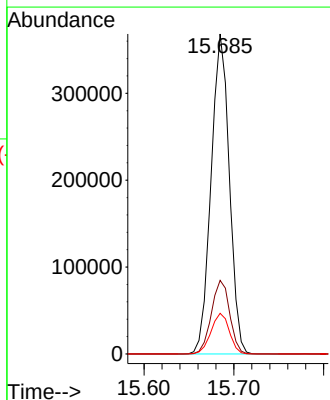
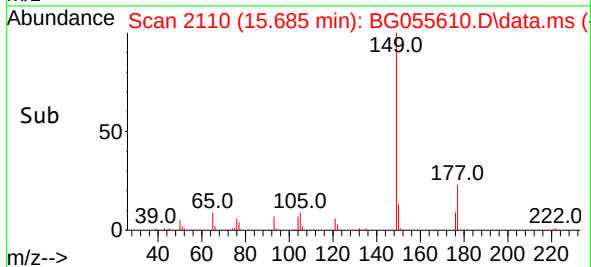
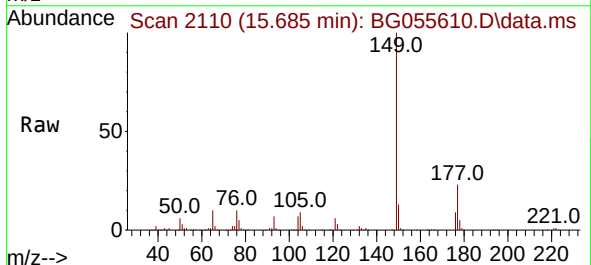
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 232 | 100   |       |       |
| 131 | 38.2  | 31.8  | 47.8  |
| 130 | 2.3   | 1.7   | 2.5   |
| 166 | 27.3  | 23.9  | 35.9  |

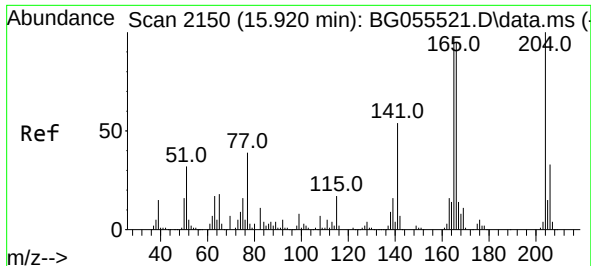


#60  
Diethylphthalate  
Concen: 42.693 ng  
RT: 15.685 min Scan# 2110  
Delta R.T. -0.006 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

Tgt Ion:149 Resp: 518746

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 177 | 23.0  | 18.6  | 27.8  |
| 150 | 12.7  | 10.2  | 15.2  |

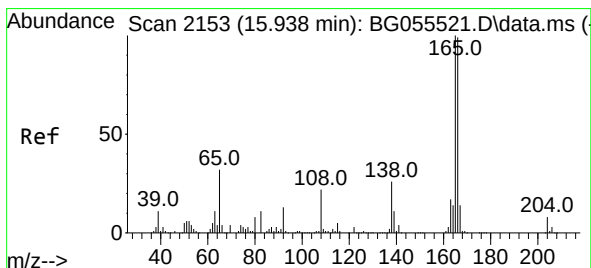
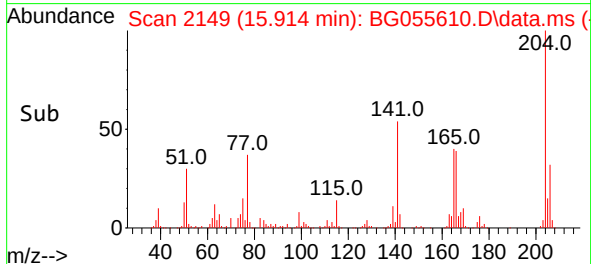
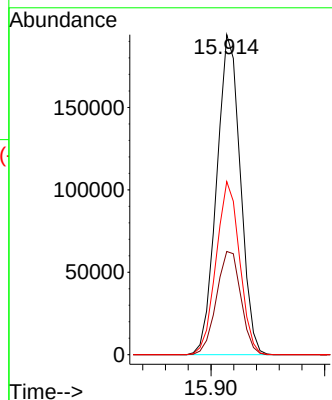
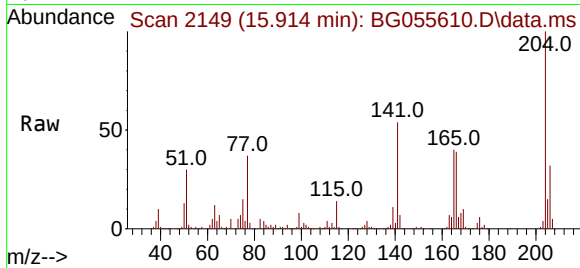




#61  
4-Chlorophenyl-phenylether  
Concen: 45.229 ng  
RT: 15.914 min Scan# 2150  
Delta R.T. -0.006 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

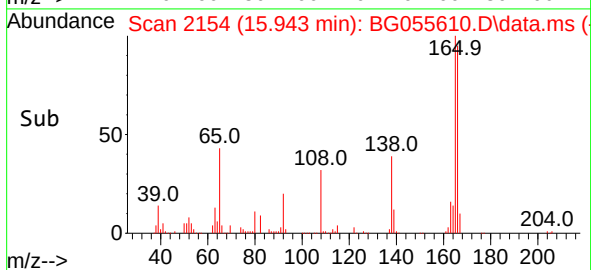
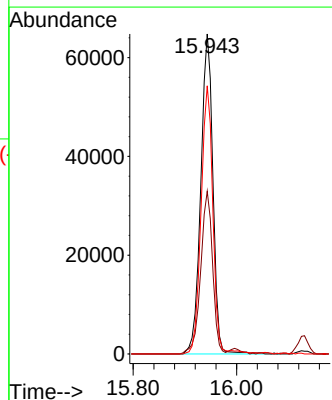
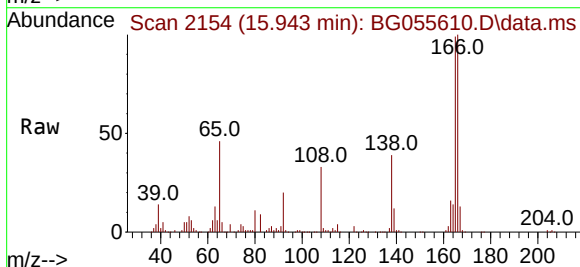
Instrument :  
BNA\_G  
ClientSampleId :  
SB-25MS

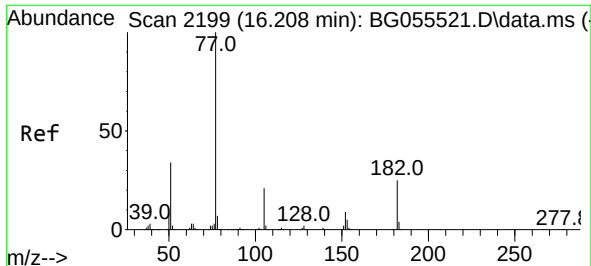
Tgt Ion:204 Resp: 280736  
Ion Ratio Lower Upper  
204 100  
206 32.3 26.8 40.2  
141 54.1 43.1 64.7



#62  
4-Nitroaniline  
Concen: 44.590 ng  
RT: 15.943 min Scan# 2154  
Delta R.T. 0.005 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

Tgt Ion:138 Resp: 105589  
Ion Ratio Lower Upper  
138 100  
92 50.9 30.6 70.6  
108 83.8 64.0 104.0

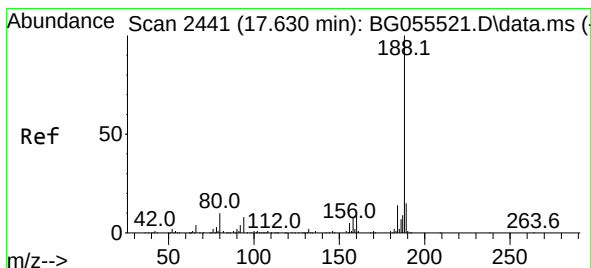
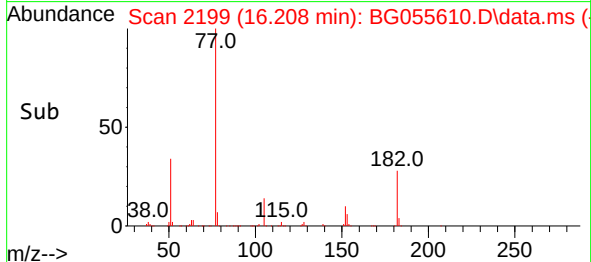
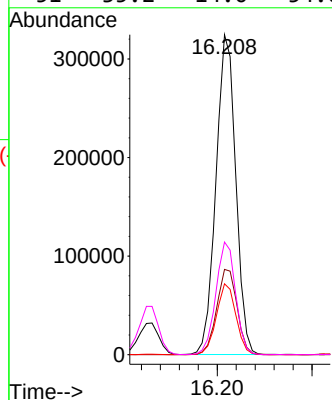
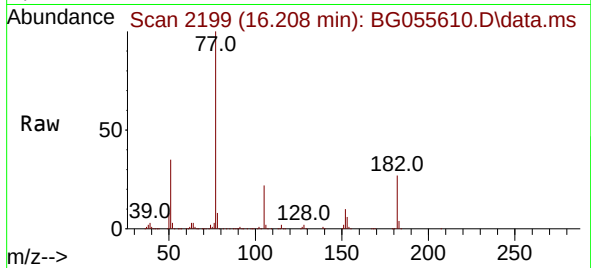




#63  
 Azobenzene  
 Concen: 39.907 ng  
 RT: 16.208 min Scan# 2199  
 Delta R.T. -0.000 min  
 Lab File: BG055610.D  
 Acq: 14 Nov 2022 18:45

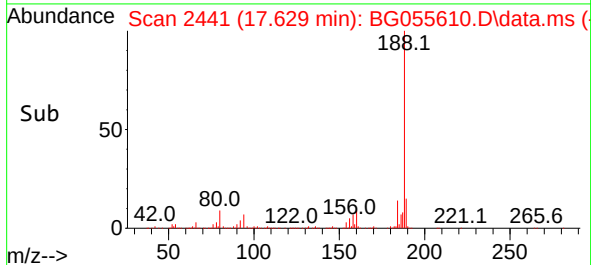
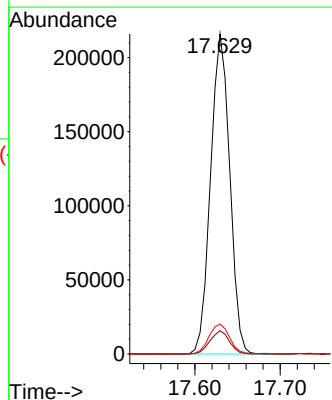
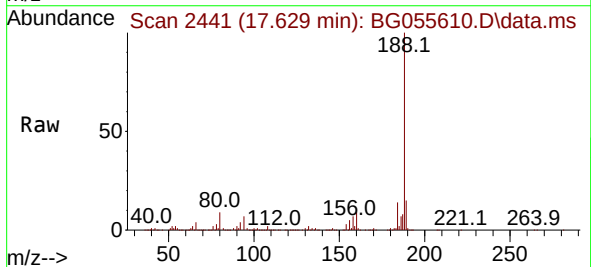
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-25MS

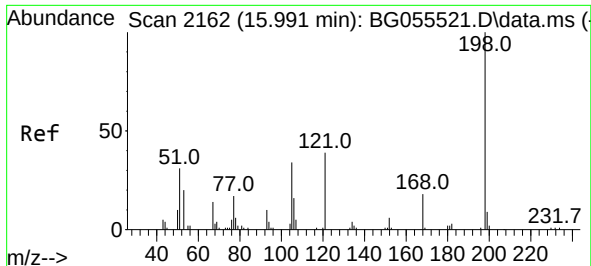
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 470006 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 26.6    | 4.6 44.6     |
| 105 22.1    | 1.2 41.2     |
| 51 35.2     | 14.0 54.0    |



#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.629 min Scan# 2441  
 Delta R.T. -0.001 min  
 Lab File: BG055610.D  
 Acq: 14 Nov 2022 18:45

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 336666 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 7.2      | 6.4 9.6      |
| 80 9.4      | 7.6 11.4     |

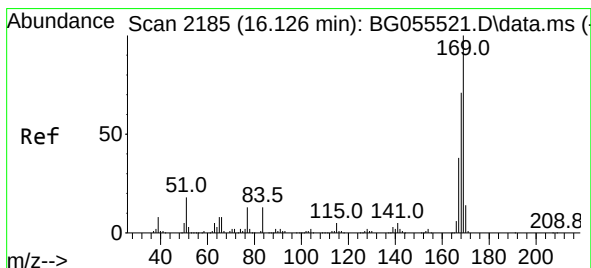
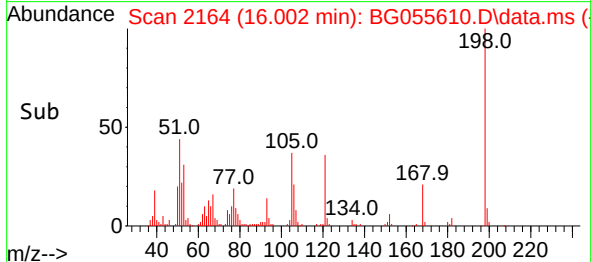
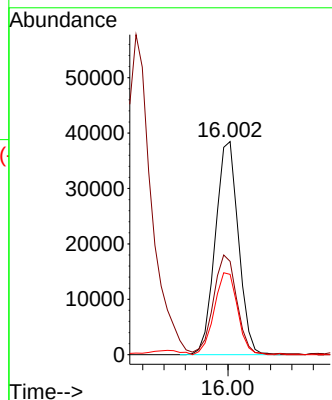
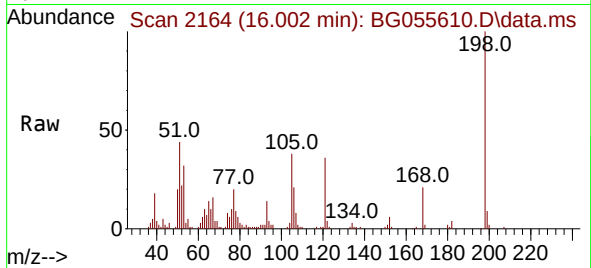




#65  
4,6-Dinitro-2-methylphenol  
Concen: 51.801 ng  
RT: 16.002 min Scan# 2164  
Delta R.T. 0.011 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

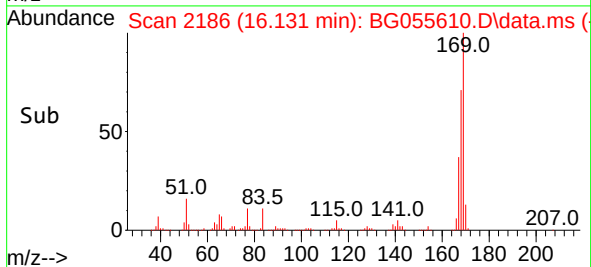
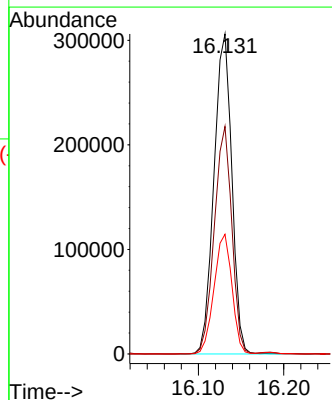
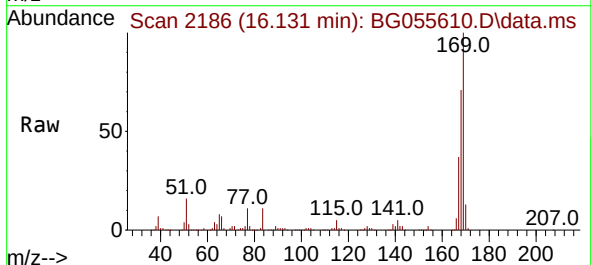
Instrument :  
BNA\_G  
ClientSampleId :  
SB-25MS

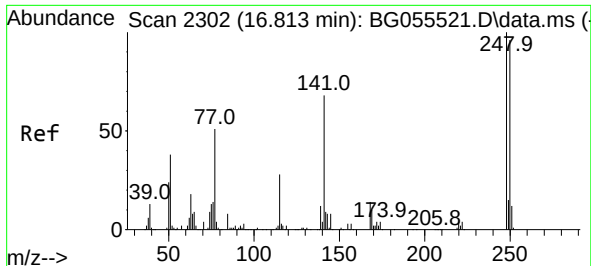
Tgt Ion:198 Resp: 57739  
Ion Ratio Lower Upper  
198 100  
51 43.7 24.7 64.7  
105 37.7 17.6 57.6



#66  
n-Nitrosodiphenylamine  
Concen: 47.168 ng  
RT: 16.131 min Scan# 2186  
Delta R.T. 0.005 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

Tgt Ion:169 Resp: 444862  
Ion Ratio Lower Upper  
169 100  
168 71.1 57.0 85.4  
167 37.4 30.2 45.2

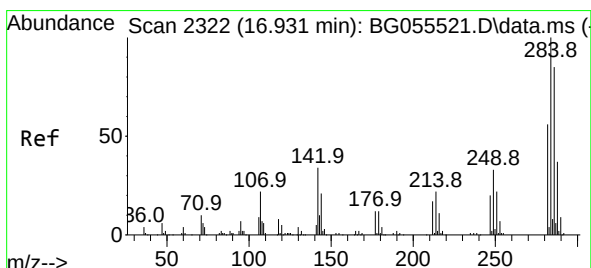
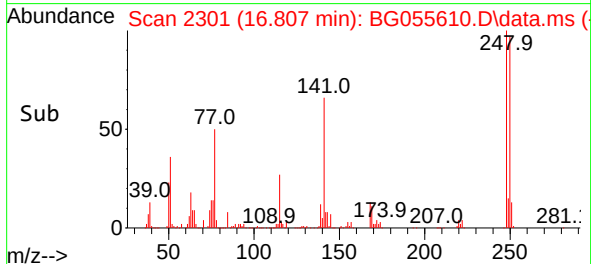
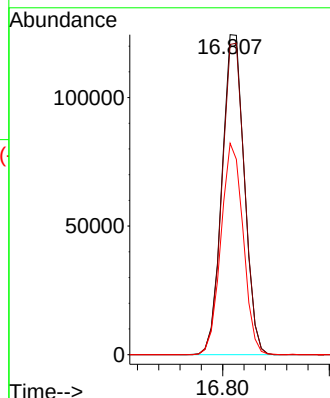
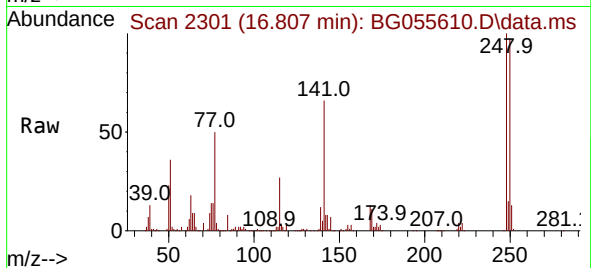




#67  
4-Bromophenyl-phenylether  
Concen: 52.683 ng  
RT: 16.807 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

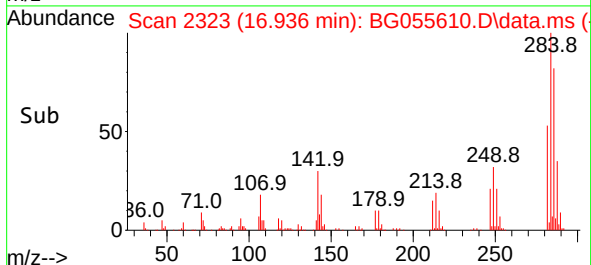
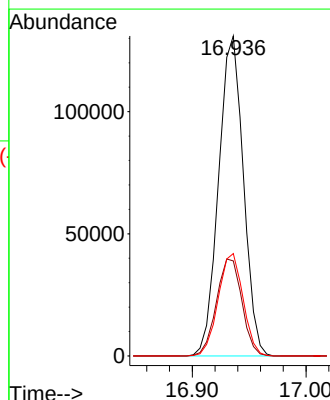
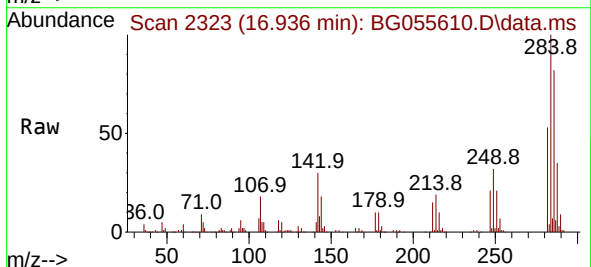
Instrument :  
BNA\_G  
ClientSampleId :  
SB-25MS

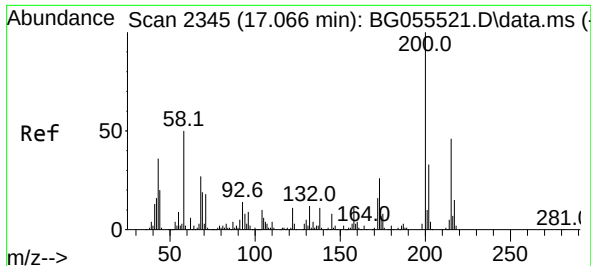
Tgt Ion:248 Resp: 180943  
Ion Ratio Lower Upper  
248 100  
250 97.0 76.9 115.3  
141 66.0 54.3 81.5



#68  
Hexachlorobenzene  
Concen: 48.552 ng  
RT: 16.936 min Scan# 2323  
Delta R.T. 0.005 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

Tgt Ion:284 Resp: 198248  
Ion Ratio Lower Upper  
284 100  
142 29.7 27.2 40.8  
249 32.0 26.6 39.8

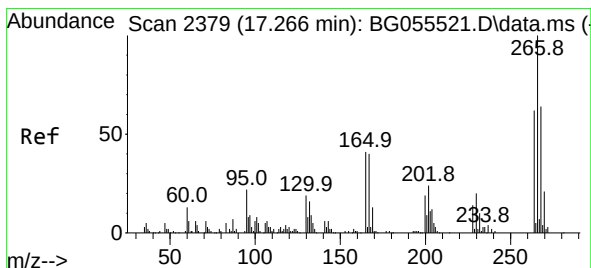
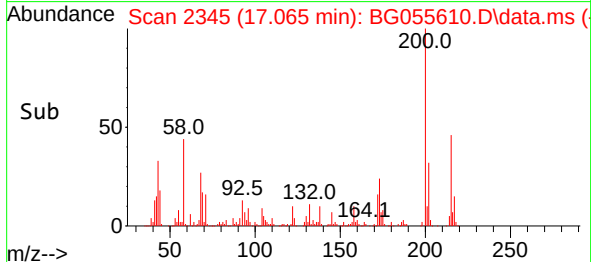
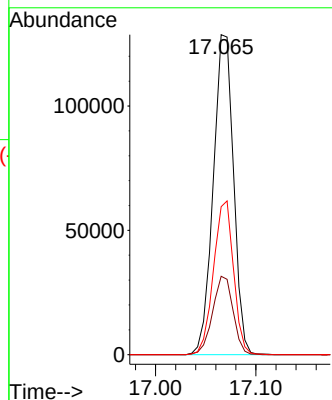
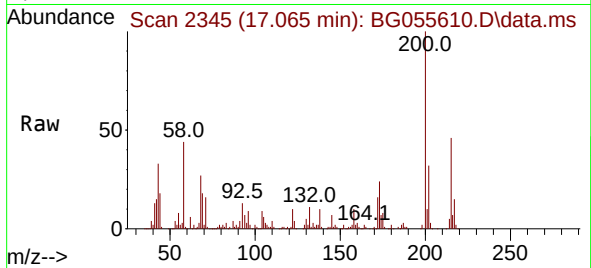




#69  
 Atrazine  
 Concen: 52.947 ng  
 RT: 17.065 min Scan# 21  
 Delta R.T. -0.001 min  
 Lab File: BG055610.D  
 Acq: 14 Nov 2022 18:45

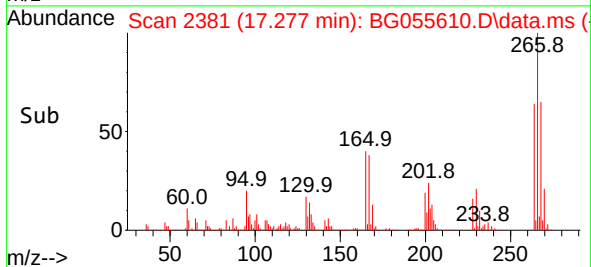
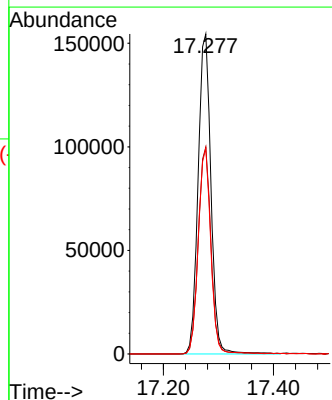
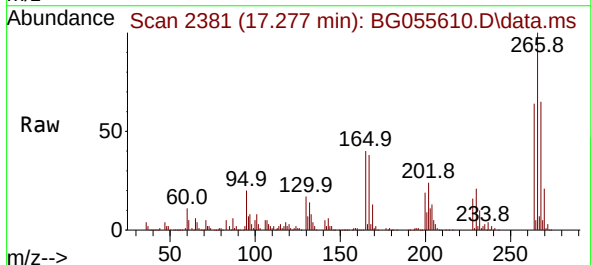
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-25MS

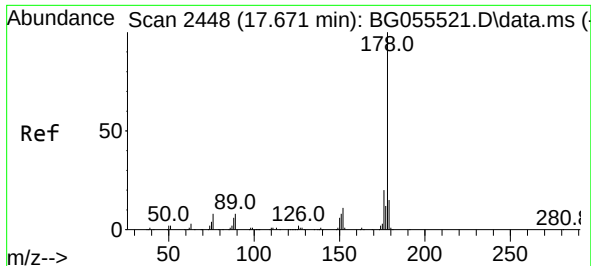
Tgt Ion:200 Resp: 180718  
 Ion Ratio Lower Upper  
 200 100  
 173 24.5 6.3 46.3  
 215 46.2 26.4 66.4



#70  
 Pentachlorophenol  
 Concen: 111.854 ng  
 RT: 17.277 min Scan# 2381  
 Delta R.T. 0.011 min  
 Lab File: BG055610.D  
 Acq: 14 Nov 2022 18:45

Tgt Ion:266 Resp: 250217  
 Ion Ratio Lower Upper  
 266 100  
 268 64.6 51.4 77.0  
 264 64.4 49.5 74.3

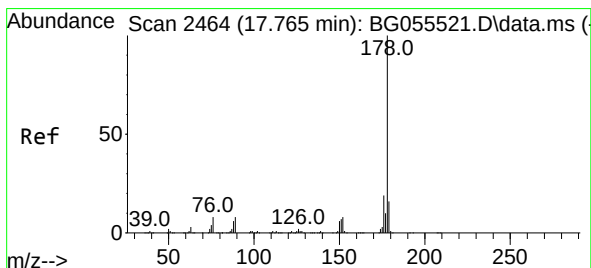
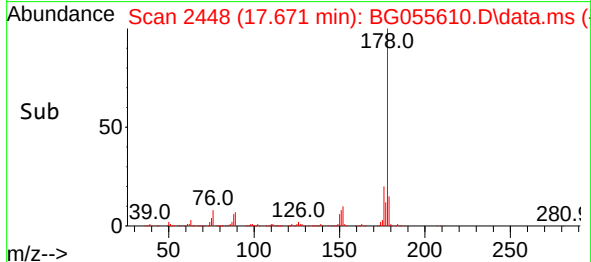
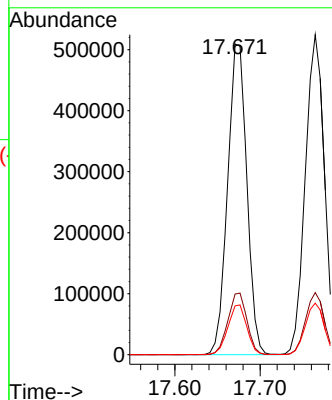
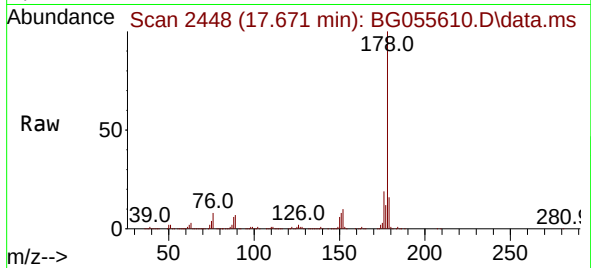




#71  
Phenanthrene  
Concen: 44.132 ng  
RT: 17.671 min Scan# 2448  
Delta R.T. -0.000 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

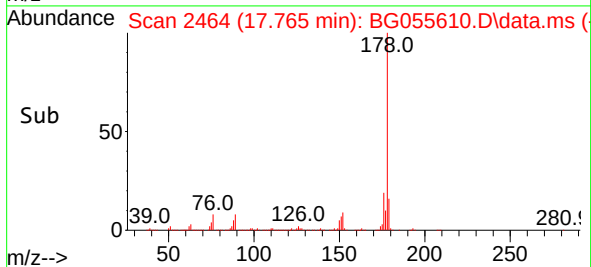
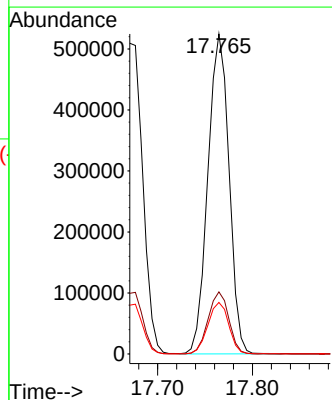
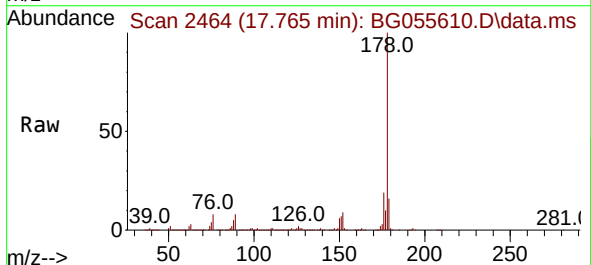
Instrument :  
BNA\_G  
ClientSampleId :  
SB-25MS

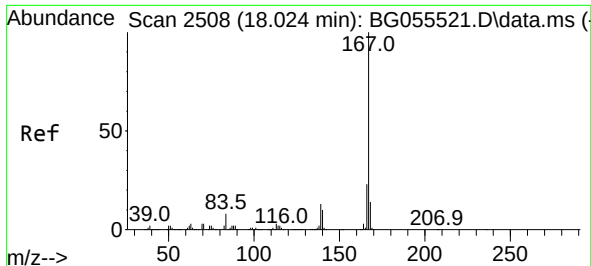
Tgt Ion:178 Resp: 798516  
Ion Ratio Lower Upper  
178 100  
176 19.5 16.1 24.1  
179 15.7 12.2 18.4



#72  
Anthracene  
Concen: 45.804 ng  
RT: 17.765 min Scan# 2464  
Delta R.T. -0.000 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

Tgt Ion:178 Resp: 812192  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.4 23.0  
179 16.1 13.0 19.4

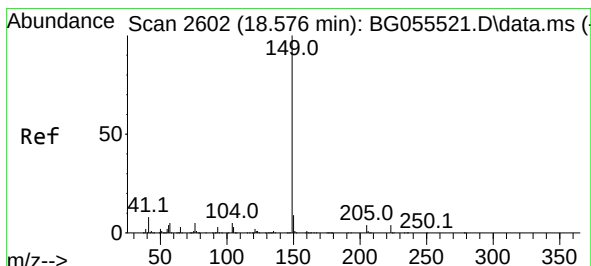
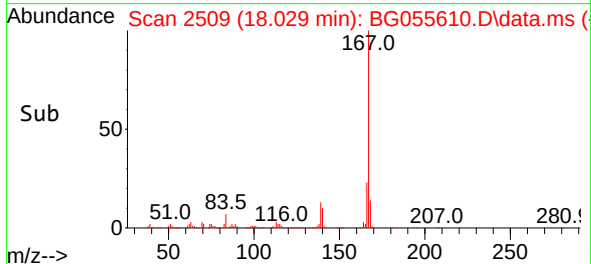
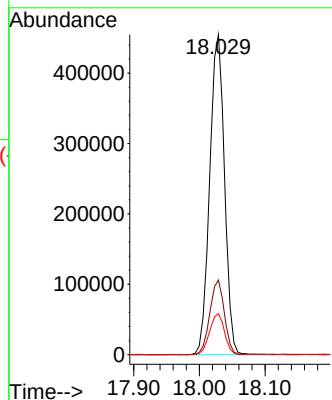
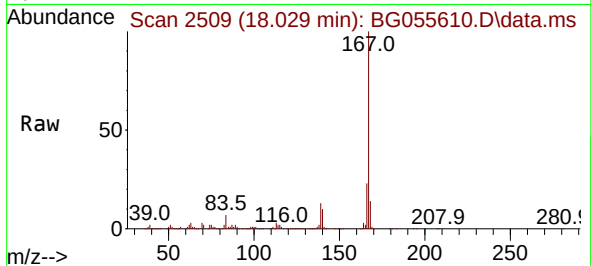




#73  
 Carbazole  
 Concen: 44.494 ng  
 RT: 18.029 min Scan# 2509  
 Delta R.T. 0.005 min  
 Lab File: BG055610.D  
 Acq: 14 Nov 2022 18:45

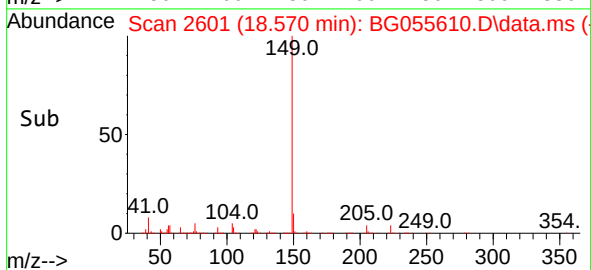
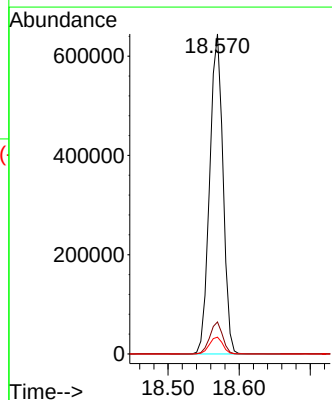
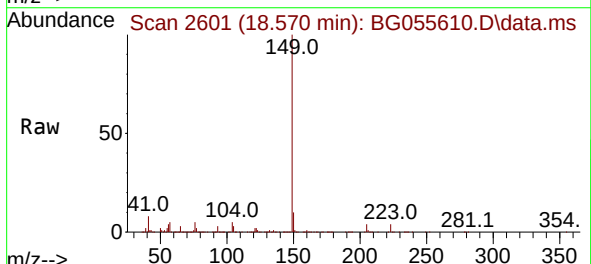
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-25MS

Tgt Ion:167 Resp: 713029  
 Ion Ratio Lower Upper  
 167 100  
 166 23.3 18.2 27.4  
 139 12.8 10.4 15.6

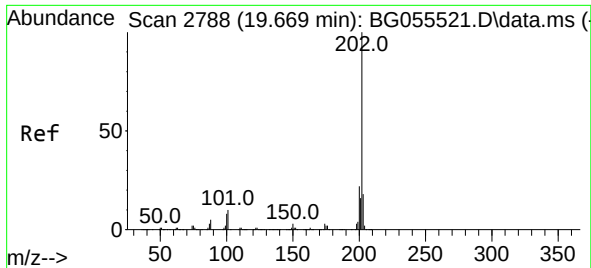


#74  
 Di-n-butylphthalate  
 Concen: 45.744 ng  
 RT: 18.570 min Scan# 2601  
 Delta R.T. -0.006 min  
 Lab File: BG055610.D  
 Acq: 14 Nov 2022 18:45

Tgt Ion:149 Resp: 840489  
 Ion Ratio Lower Upper  
 149 100  
 150 10.0 7.5 11.3  
 104 5.2 4.2 6.4



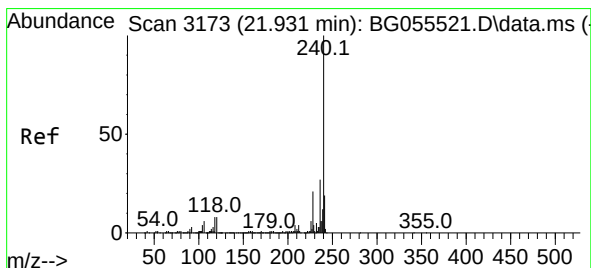
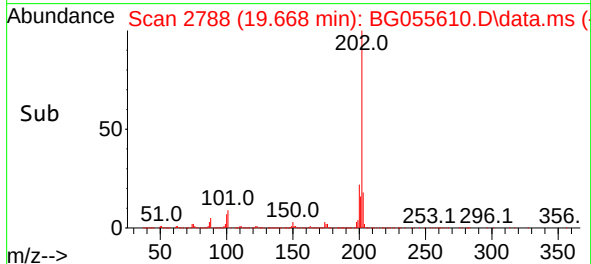
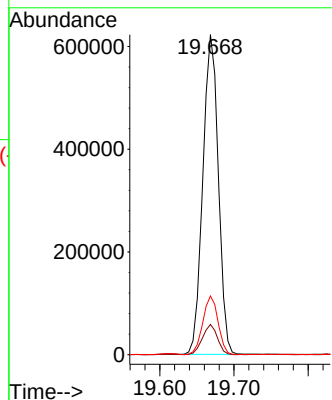
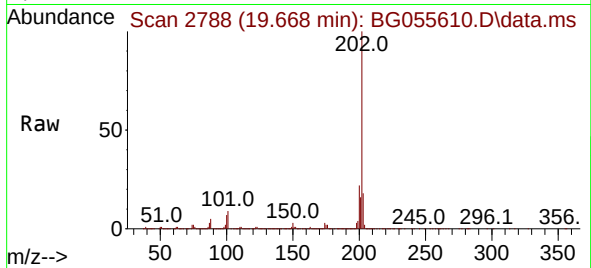




#75  
Fluoranthene  
Concen: 41.865 ng  
RT: 19.668 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

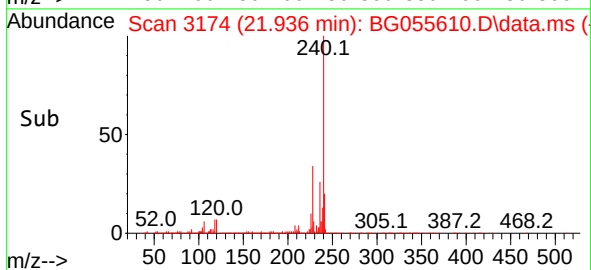
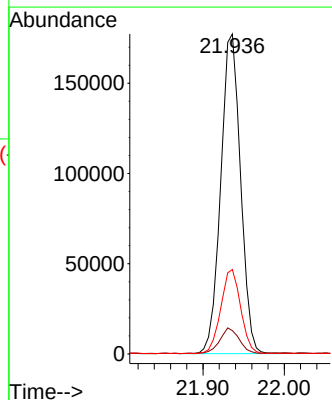
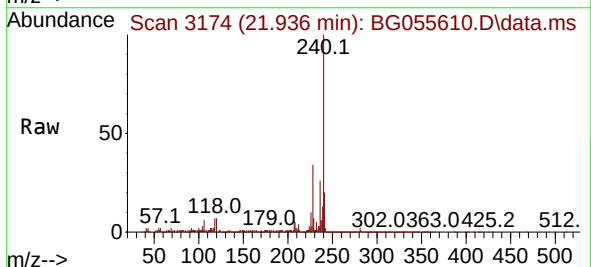
Instrument :  
BNA\_G  
ClientSampleId :  
SB-25MS

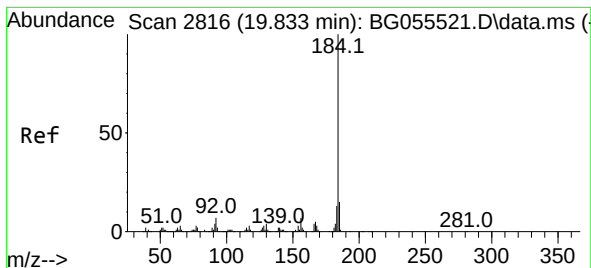
Tgt Ion:202 Resp: 903305  
Ion Ratio Lower Upper  
202 100  
101 9.4 0.0 29.8  
203 18.4 0.0 38.2



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.936 min Scan# 3174  
Delta R.T. 0.005 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

Tgt Ion:240 Resp: 299813  
Ion Ratio Lower Upper  
240 100  
120 7.3 6.1 9.1  
236 26.4 21.4 32.0





#77

Benzidine

Concen: 30.295 ng

RT: 19.839 min Scan# 2816

Delta R.T. 0.006 min

Lab File: BG055610.D

Acq: 14 Nov 2022 18:45

Instrument :

BNA\_G

ClientSampleId :

SB-25MS

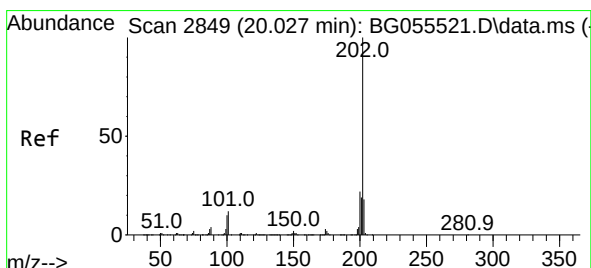
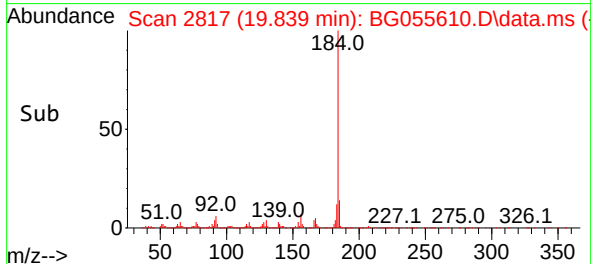
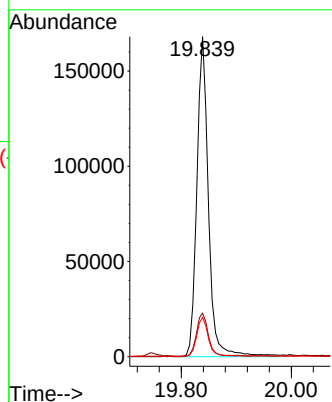
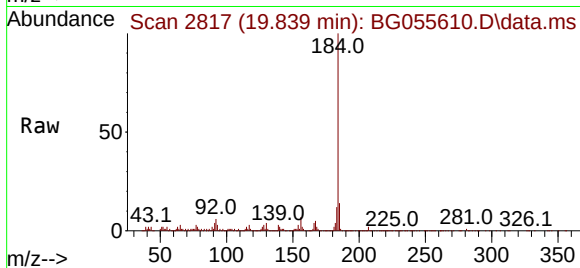
Tgt Ion:184 Resp: 245727

Ion Ratio Lower Upper

184 100

185 13.6 12.0 18.0

183 12.3 10.2 15.2



#78

Pyrene

Concen: 45.727 ng

RT: 20.032 min Scan# 2850

Delta R.T. 0.005 min

Lab File: BG055610.D

Acq: 14 Nov 2022 18:45

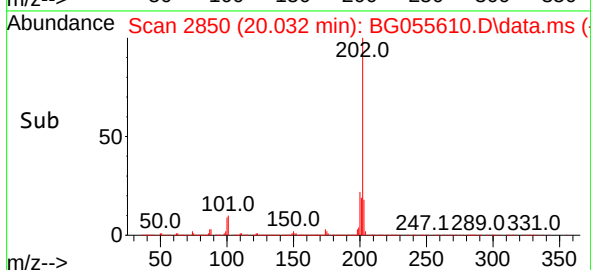
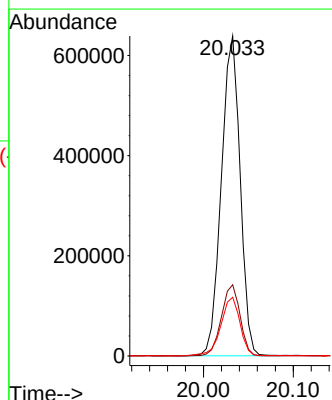
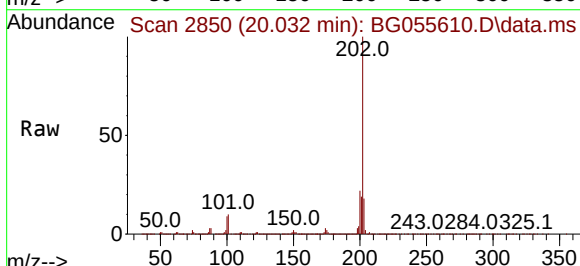
Tgt Ion:202 Resp: 927842

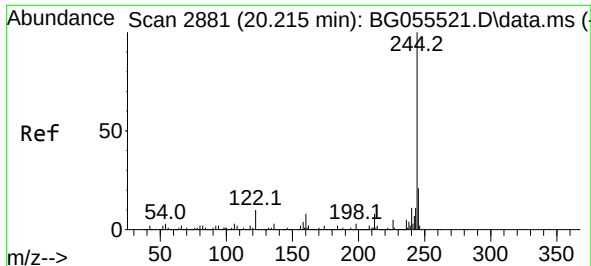
Ion Ratio Lower Upper

202 100

200 22.2 18.0 27.0

203 18.4 14.2 21.2

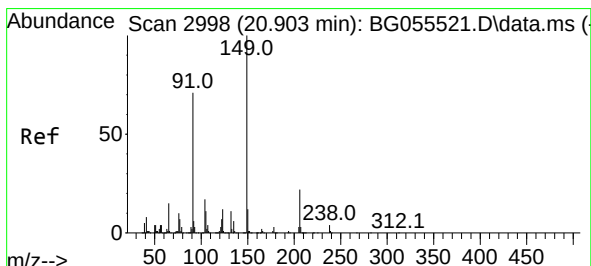
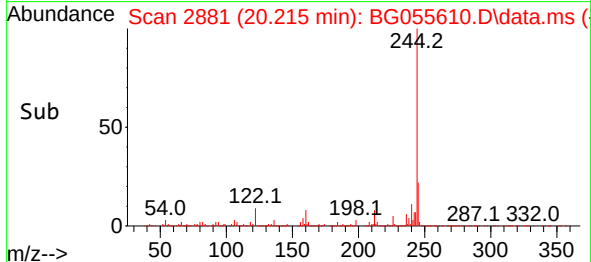
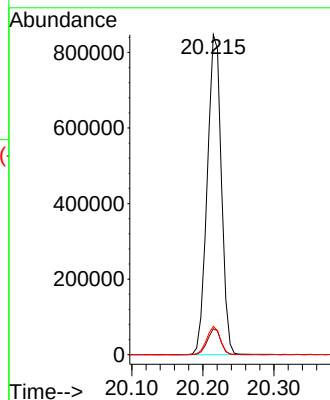
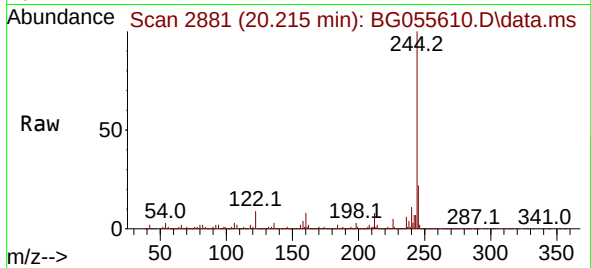




#79  
 Terphenyl-d14  
 Concen: 78.340 ng  
 RT: 20.215 min Scan# 2881  
 Delta R.T. -0.000 min  
 Lab File: BG055610.D  
 Acq: 14 Nov 2022 18:45

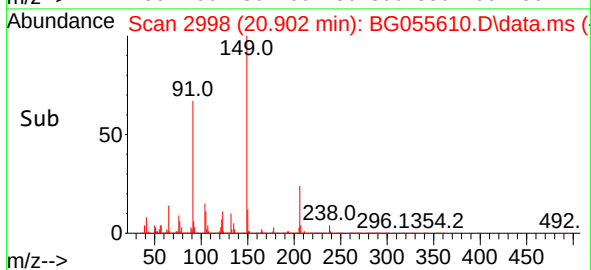
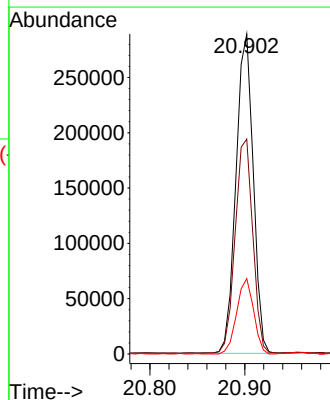
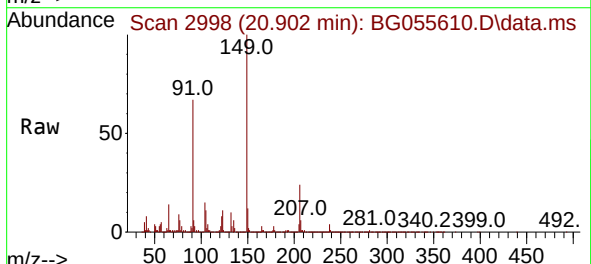
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-25MS

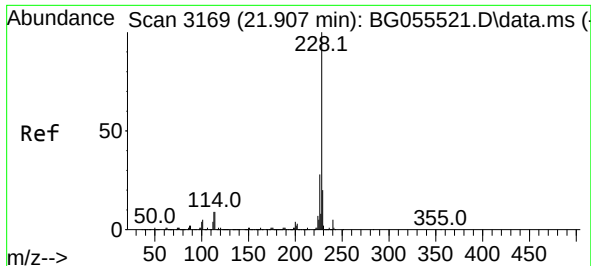
Tgt Ion:244 Resp: 1169362  
 Ion Ratio Lower Upper  
 244 100  
 212 8.1 6.5 9.7  
 122 8.9 7.7 11.5



#80  
 Butylbenzylphthalate  
 Concen: 47.232 ng  
 RT: 20.902 min Scan# 2998  
 Delta R.T. -0.001 min  
 Lab File: BG055610.D  
 Acq: 14 Nov 2022 18:45

Tgt Ion:149 Resp: 364574  
 Ion Ratio Lower Upper  
 149 100  
 91 67.1 56.8 85.2  
 206 23.5 17.3 25.9

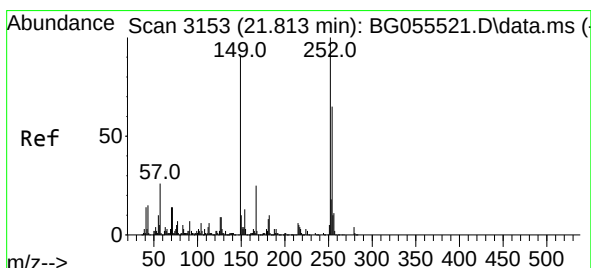
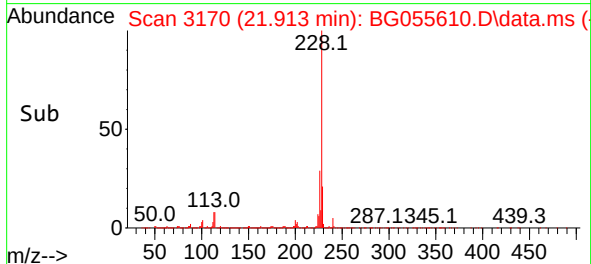
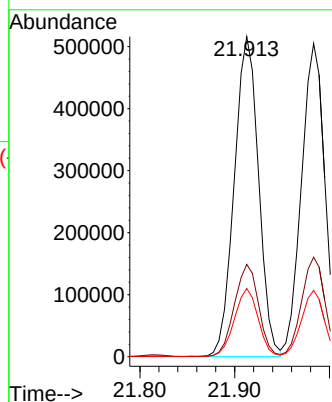
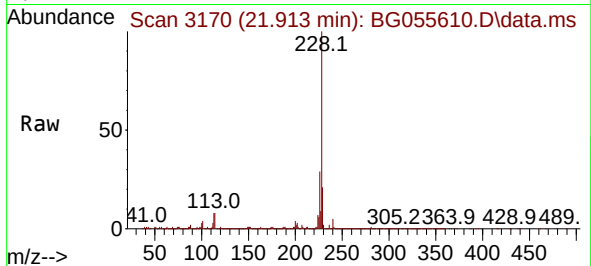




#81  
Benzo(a)anthracene  
Concen: 44.579 ng  
RT: 21.913 min Scan# 3169  
Delta R.T. 0.006 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

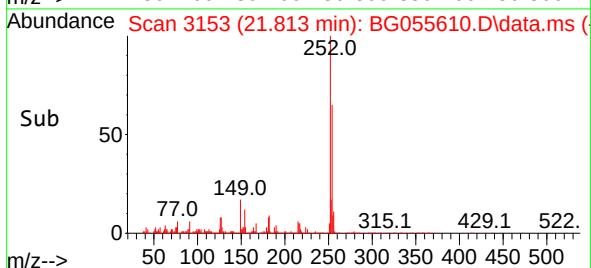
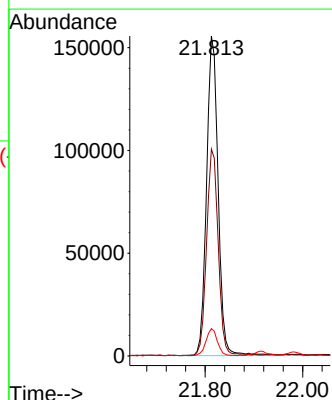
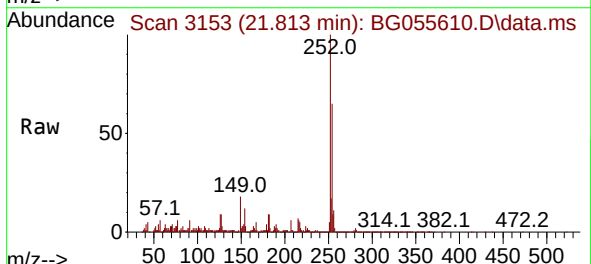
Instrument :  
BNA\_G  
ClientSampleId :  
SB-25MS

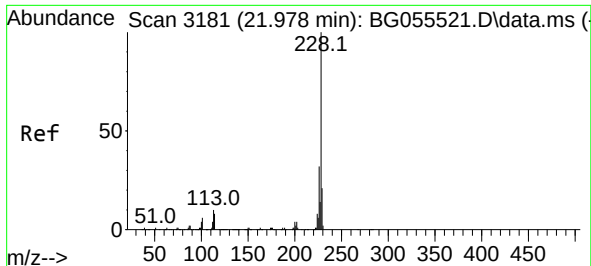
Tgt Ion:228 Resp: 915474  
Ion Ratio Lower Upper  
228 100  
226 28.8 22.6 34.0  
229 21.3 16.1 24.1



#82  
3,3'-Dichlorobenzidine  
Concen: 38.036 ng  
RT: 21.813 min Scan# 3153  
Delta R.T. -0.000 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

Tgt Ion:252 Resp: 254923  
Ion Ratio Lower Upper  
252 100  
254 64.7 52.2 78.2  
126 8.5 6.9 10.3





#83

Chrysene

Concen: 44.149 ng

RT: 21.983 min Scan# 31

Delta R.T. 0.005 min

Lab File: BG055610.D

Acq: 14 Nov 2022 18:45

Instrument :

BNA\_G

ClientSampleId :

SB-25MS

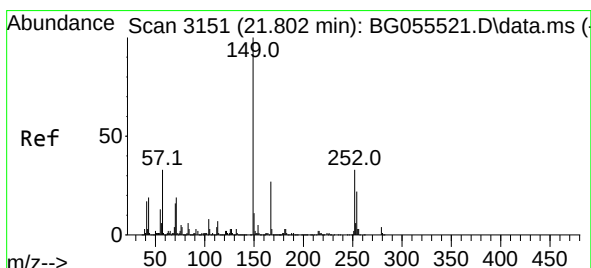
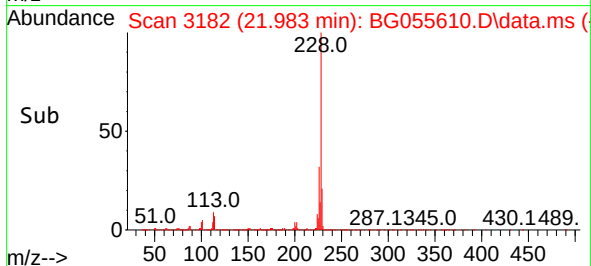
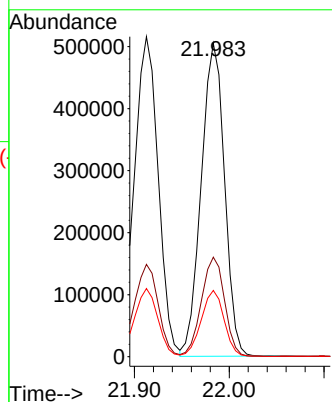
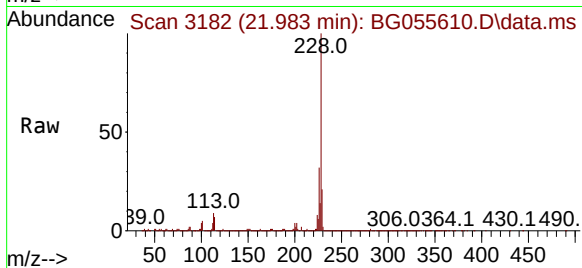
Tgt Ion:228 Resp: 862133

Ion Ratio Lower Upper

228 100

226 31.8 25.7 38.5

229 21.1 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.427 ng

RT: 21.789 min Scan# 3149

Delta R.T. -0.013 min

Lab File: BG055610.D

Acq: 14 Nov 2022 18:45

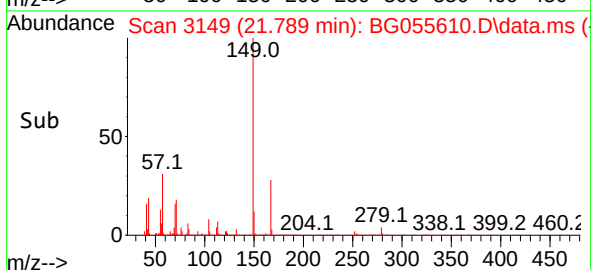
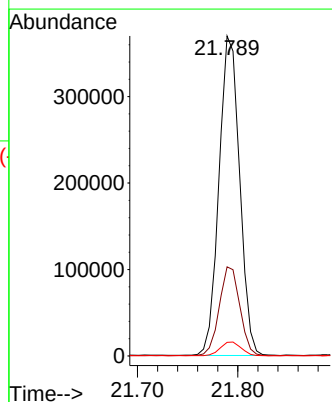
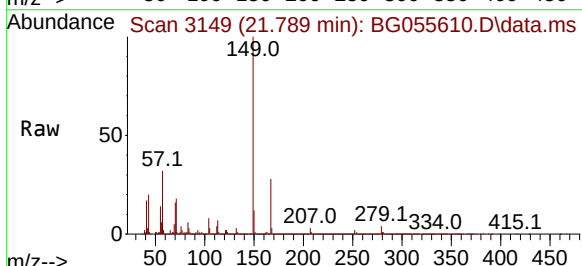
Tgt Ion:149 Resp: 526647

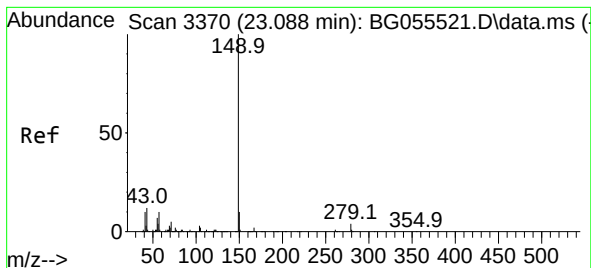
Ion Ratio Lower Upper

149 100

167 27.9 21.4 32.2

279 4.3 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 50.626 ng

RT: 23.076 min Scan# 31

Delta R.T. -0.012 min

Lab File: BG055610.D

Acq: 14 Nov 2022 18:45

Instrument :

BNA\_G

ClientSampleId :

SB-25MS

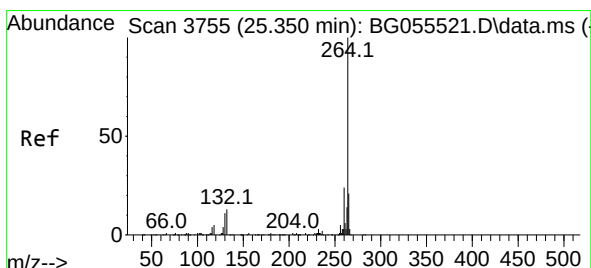
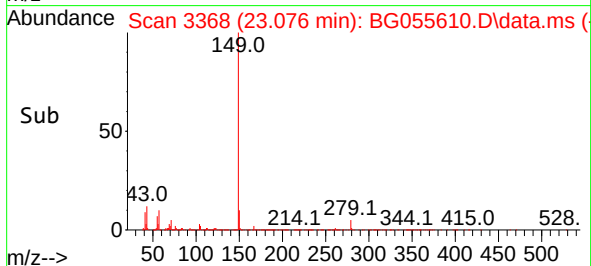
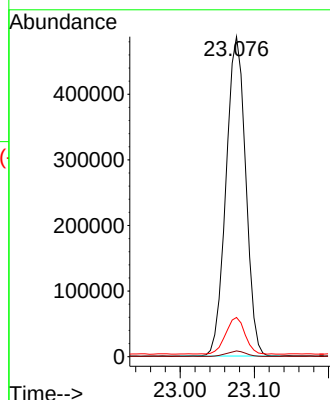
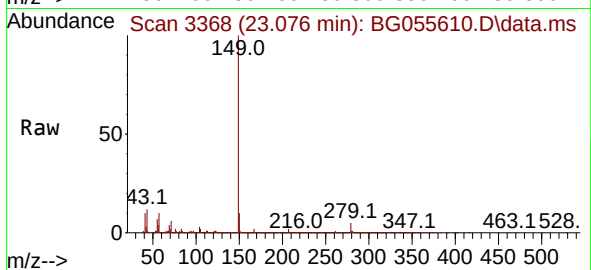
Tgt Ion:149 Resp: 895929

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 11.3 9.3 13.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.362 min Scan# 3757

Delta R.T. 0.012 min

Lab File: BG055610.D

Acq: 14 Nov 2022 18:45

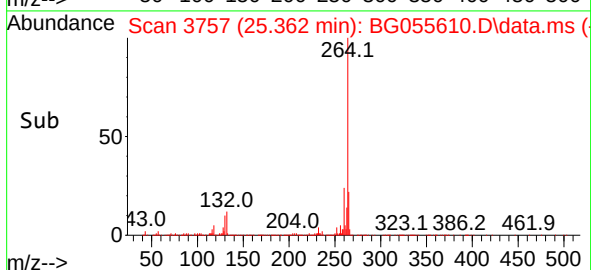
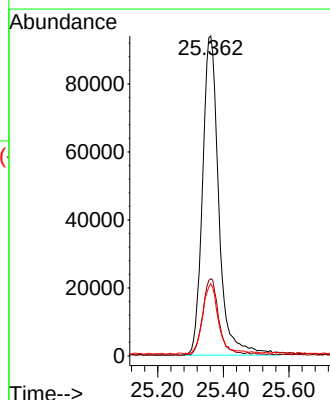
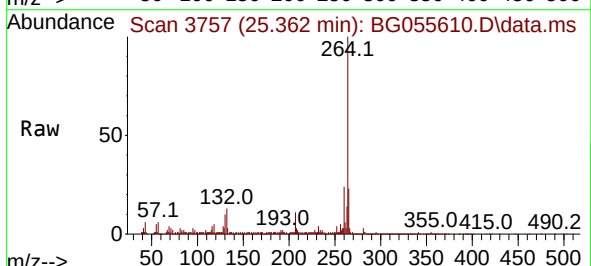
Tgt Ion:264 Resp: 325334

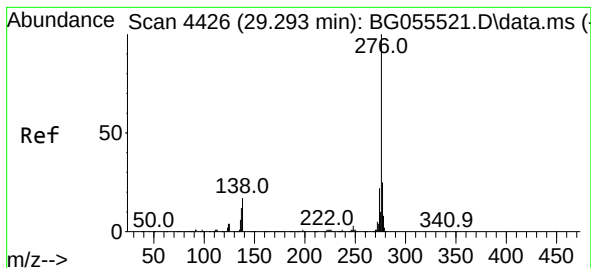
Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 22.5 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.645 ng

RT: 29.310 min Scan# 4426

Delta R.T. 0.017 min

Lab File: BG055610.D

Acq: 14 Nov 2022 18:45

Instrument :

BNA\_G

ClientSampleId :

SB-25MS

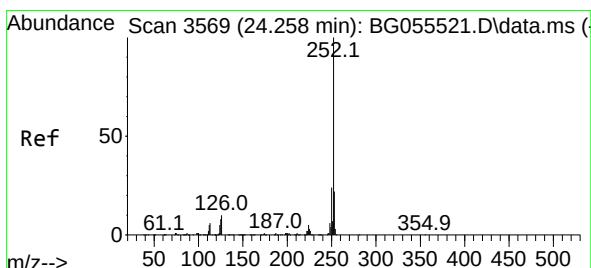
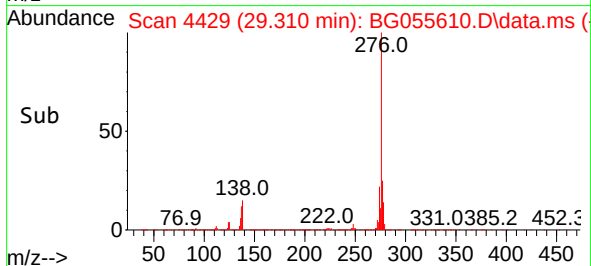
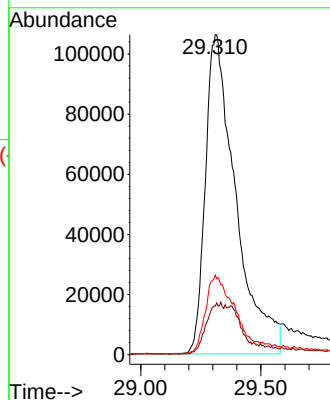
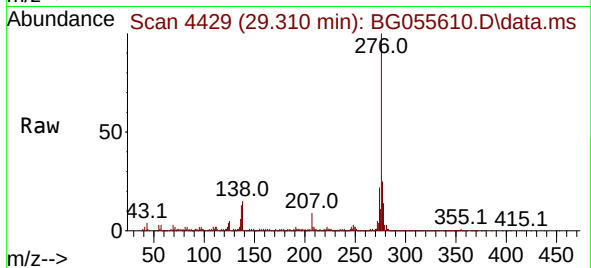
Tgt Ion:276 Resp: 932793

Ion Ratio Lower Upper

276 100

138 6.5 11.5 17.3#

277 24.8 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 46.134 ng

RT: 24.269 min Scan# 3571

Delta R.T. 0.011 min

Lab File: BG055610.D

Acq: 14 Nov 2022 18:45

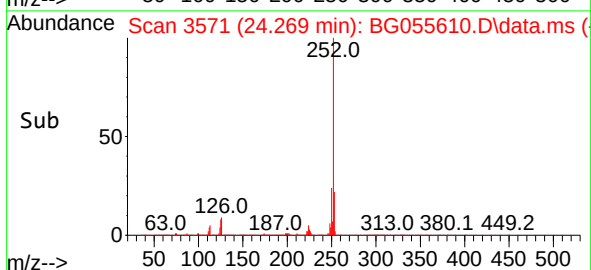
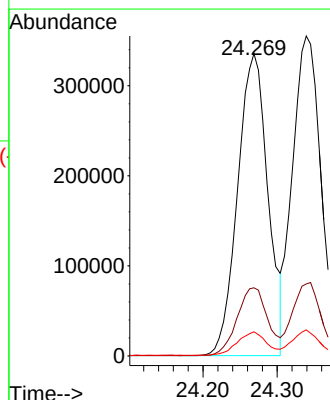
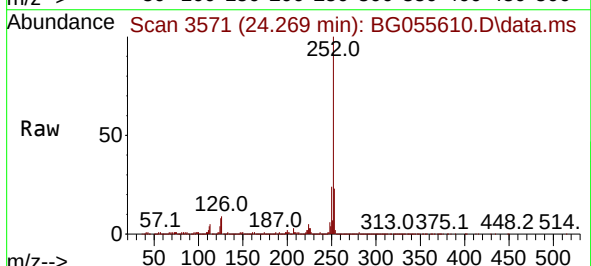
Tgt Ion:252 Resp: 950970

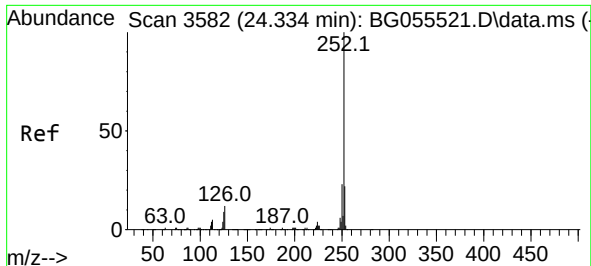
Ion Ratio Lower Upper

252 100

253 22.6 17.9 26.9

125 8.0 6.7 10.1

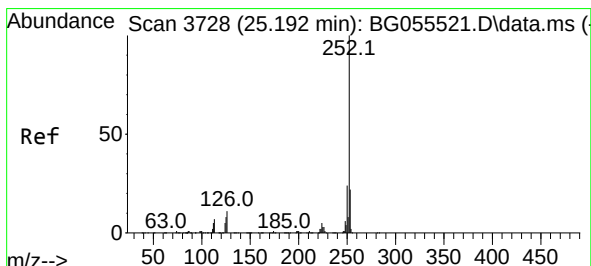
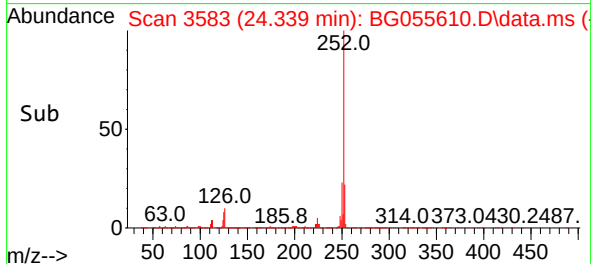
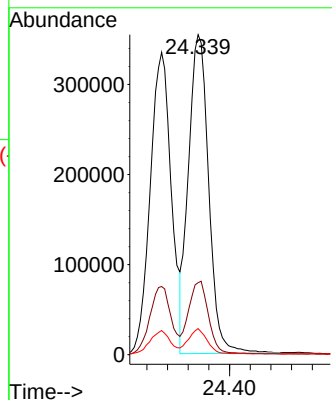
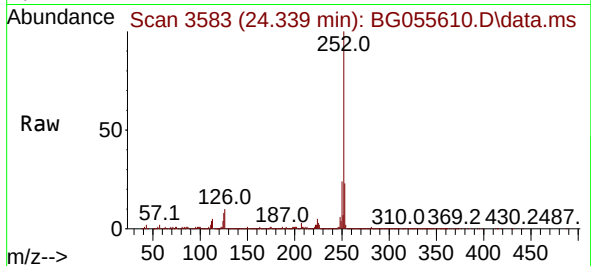




#89  
Benzo(k)fluoranthene  
Concen: 45.664 ng  
RT: 24.339 min Scan# 31  
Delta R.T. 0.005 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

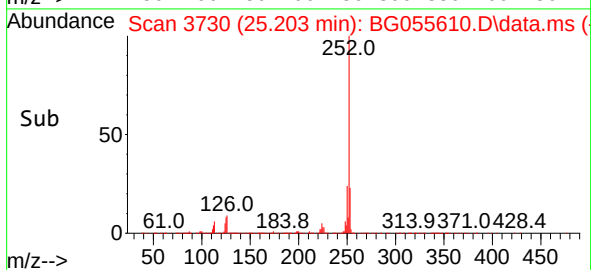
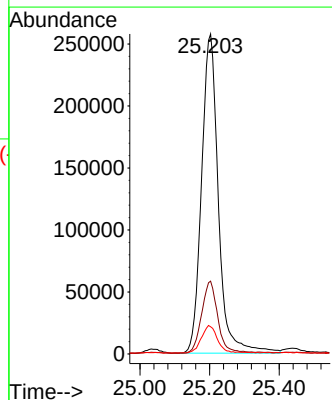
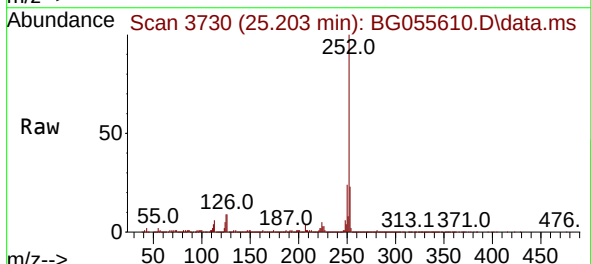
Instrument :  
BNA\_G  
ClientSampleId :  
SB-25MS

Tgt Ion:252 Resp: 962317  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.8 26.8  
125 8.1 6.9 10.3

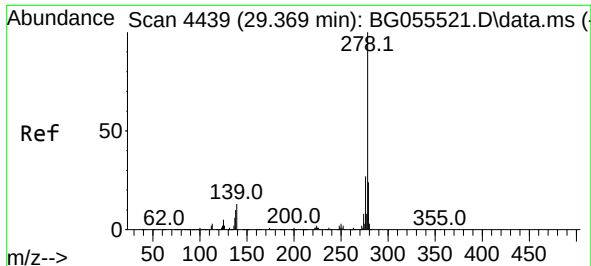


#90  
Benzo(a)pyrene  
Concen: 48.642 ng  
RT: 25.203 min Scan# 3730  
Delta R.T. 0.011 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

Tgt Ion:252 Resp: 863710  
Ion Ratio Lower Upper  
252 100  
253 22.8 17.8 26.6  
125 8.5 6.7 10.1



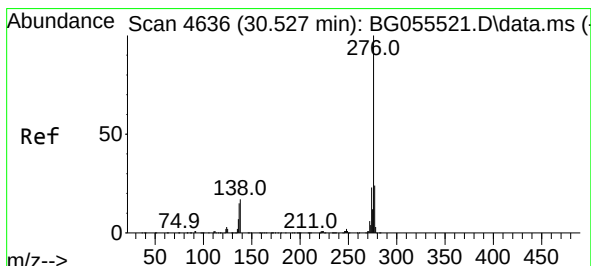
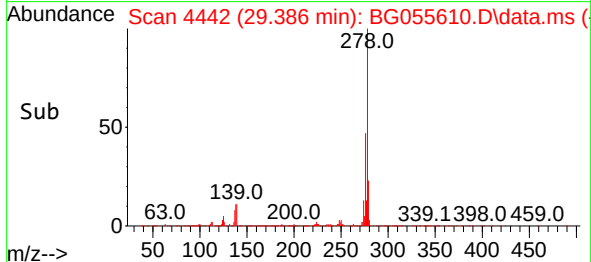
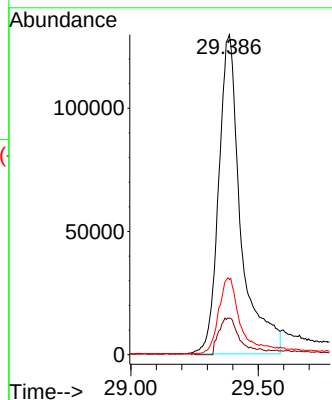
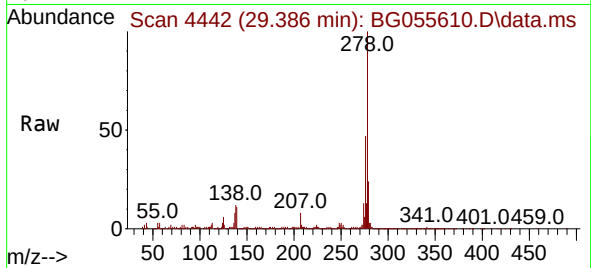




#91  
Dibenzo(a,h)anthracene  
Concen: 38.272 ng  
RT: 29.386 min Scan# 4442  
Delta R.T. 0.017 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

Instrument :  
BNA\_G  
ClientSampleId :  
SB-25MS

Tgt Ion:278 Resp: 785000  
Ion Ratio Lower Upper  
278 100  
139 11.3 10.6 15.8  
279 23.5 19.4 29.2



#92  
Benzo(g,h,i)perylene  
Concen: 31.449 ng  
RT: 30.550 min Scan# 4640  
Delta R.T. 0.023 min  
Lab File: BG055610.D  
Acq: 14 Nov 2022 18:45

Tgt Ion:276 Resp: 630580  
Ion Ratio Lower Upper  
276 100  
277 23.9 19.3 28.9  
138 16.6 13.9 20.9

