

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG011724\  
 Data File : BG060348.D  
 Acq On : 17 Jan 2024 18:29  
 Operator : MA/JU  
 Sample : P1155-01MSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BB-TESTPITMSD

Quant Time: Jan 18 02:36:17 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG010824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 09 04:07:12 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.930  | 152  | 224297   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.732 | 136  | 890017   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.563 | 164  | 652574   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.313 | 188  | 1730406  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.578 | 240  | 1662353  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.739 | 264  | 1880655  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.503  | 112  | 1431372  | 104.964 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.095  | 99   | 2143417  | 106.147 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.087  | 82   | 1415556  | 75.103  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.055 | 330  | 1117200  | 116.360 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.188 | 172  | 3362158  | 71.631  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.933 | 244  | 5140751  | 74.446  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.400  | 88   | 220952   | 35.470  | ng    | 97       |
| 3) Pyridine                   | 3.793  | 79   | 588395   | 33.478  | ng    | 94       |
| 4) n-Nitrosodimethylamine     | 3.711  | 42   | 217027   | 39.456  | ng    | 96       |
| 6) Aniline                    | 7.254  | 93   | 434306   | 21.518  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.495  | 128  | 598604   | 44.293  | ng    | 93       |
| 9) Benzaldehyde               | 7.066  | 77   | 82260    | 7.097   | ng    | 97       |
| 10) Phenol                    | 7.119  | 94   | 856786   | 42.319  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.348  | 93   | 672376   | 40.756  | ng    | 94       |
| 12) 1,3-Dichlorobenzene       | 7.818  | 146  | 649543   | 38.290  | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 7.965  | 146  | 664350   | 38.599  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.282  | 146  | 653661   | 36.934  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.165  | 79   | 584819   | 44.741  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.458  | 45   | 750419   | 37.477  | ng    | 98       |
| 17) 2-Methylphenol            | 8.370  | 107  | 562441   | 40.446  | ng    | 97       |
| 18) Hexachloroethane          | 9.011  | 117  | 227450   | 37.691  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 8.729  | 70   | 536822   | 38.411  | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.693  | 107  | 805517   | 42.962  | ng    | 98       |
| 22) Acetophenone              | 8.746  | 105  | 1033257  | 42.234  | ng    | 98       |
| 24) Nitrobenzene              | 9.134  | 77   | 777739   | 39.805  | ng    | 98       |
| 25) Isophorone                | 9.645  | 82   | 1445181  | 38.180  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.839  | 139  | 323932   | 45.090  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 9.898  | 122  | 510844   | 53.814  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.133 | 93   | 907804   | 39.252  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.374 | 162  | 700894   | 45.563  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.591 | 180  | 751112   | 39.247  | ng    | 94       |
| 31) Naphthalene               | 10.779 | 128  | 1827225  | 39.166  | ng    | 99       |
| 32) Benzoic acid              | 10.027 | 122  | 294057   | 37.823  | ng    | # 88     |
| 33) 4-Chloroaniline           | 10.891 | 127  | 283154   | 15.752  | ng    | 97       |
| 34) Hexachlorobutadiene       | 11.061 | 225  | 461122   | 36.987  | ng    | 96       |
| 35) Caprolactam               | 11.660 | 113  | 227168   | 45.849  | ng    | 92       |
| 36) 4-Chloro-3-methylphenol   | 12.013 | 107  | 691219   | 44.231  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.389 | 142  | 1346615  | 38.918  | ng    | 97       |
| 38) 1-Methylnaphthalene       | 12.606 | 142  | 1320612  | 38.008  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.753 | 216  | 945164   | 40.781  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.736 | 237  | 823633   | 107.039 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.994 | 196  | 628865   | 42.637  | ng    | 99       |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 09 04:07:12 2024  
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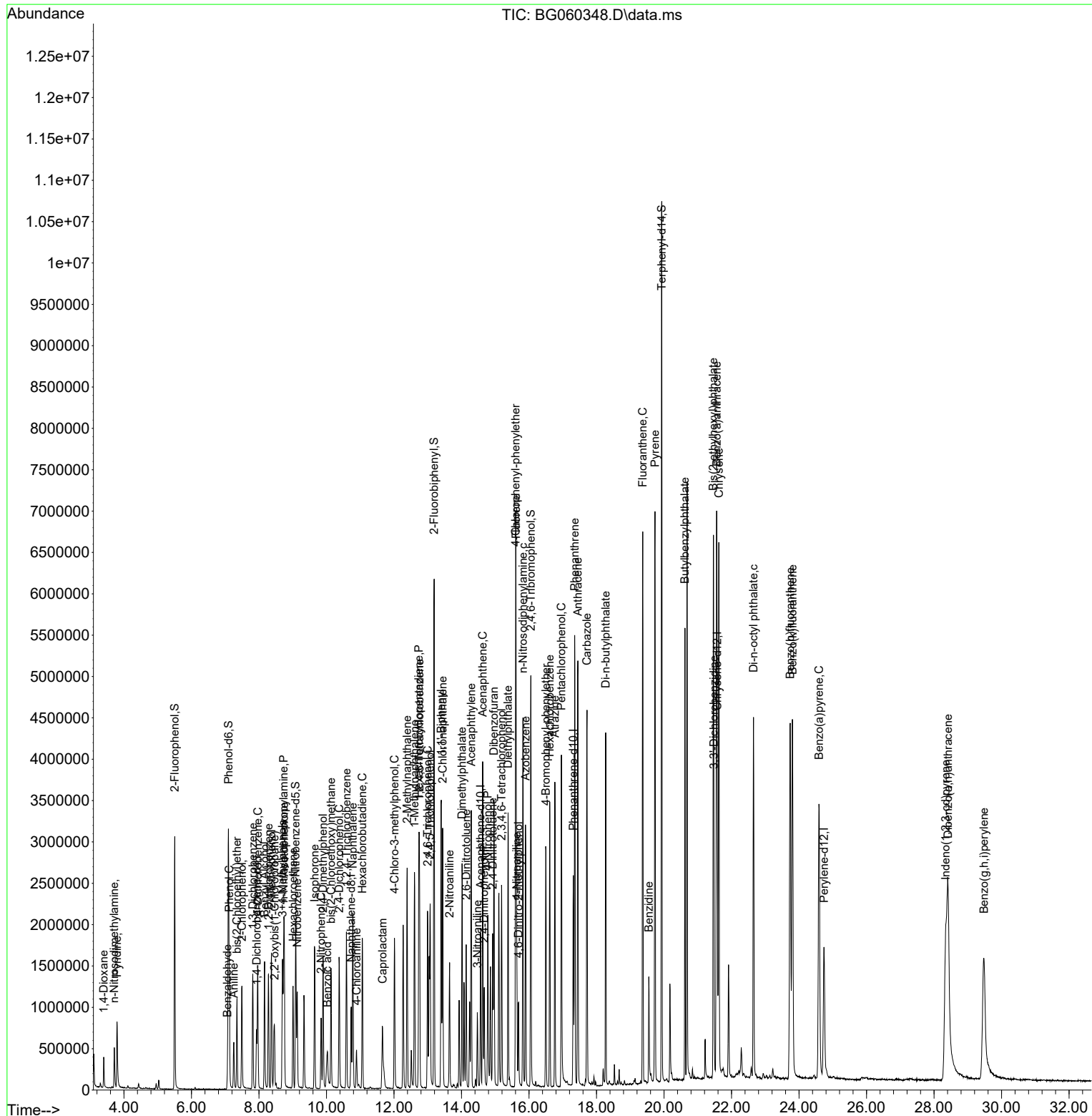
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.071 | 196  | 693152   | 42.608 | ng    | 93       |
| 46) 1,1'-Biphenyl             | 13.400 | 154  | 2007893  | 40.762 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.441 | 162  | 1662399  | 39.394 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.646 | 65   | 493196   | 46.930 | ng    | 97       |
| 49) Acenaphthylene            | 14.287 | 152  | 2591774  | 44.600 | ng    | 98       |
| 50) Dimethylphthalate         | 14.017 | 163  | 1983399  | 39.773 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.140 | 165  | 457976   | 43.039 | ng    | 95       |
| 52) Acenaphthene              | 14.628 | 154  | 1439891  | 39.793 | ng    | 98       |
| 53) 3-Nitroaniline            | 14.469 | 138  | 262391   | 27.062 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.675 | 184  | 349522   | 56.947 | ng    | 96       |
| 55) Dibenzofuran              | 14.963 | 168  | 2559336  | 42.370 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.780 | 139  | 689121   | 95.819 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 14.927 | 165  | 642709   | 44.046 | ng    | 96       |
| 58) Fluorene                  | 15.615 | 166  | 2090558  | 41.792 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.186 | 232  | 634822   | 45.954 | ng    | 100      |
| 60) Diethylphthalate          | 15.380 | 149  | 1957378  | 40.885 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.603 | 204  | 1089006  | 39.520 | ng    | 97       |
| 62) 4-Nitroaniline            | 15.638 | 138  | 475083   | 46.037 | ng    | 97       |
| 63) Azobenzene                | 15.897 | 77   | 2007597  | 41.460 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.691 | 198  | 304528   | 31.811 | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 15.820 | 169  | 1868262  | 40.662 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.502 | 248  | 720971   | 37.919 | ng    | 96       |
| 68) Hexachlorobenzene         | 16.613 | 284  | 846084   | 37.592 | ng    | 98       |
| 69) Atrazine                  | 16.766 | 200  | 765198   | 44.167 | ng    | 97       |
| 70) Pentachlorophenol         | 16.960 | 266  | 939845   | 77.471 | ng    | 93       |
| 71) Phenanthrene              | 17.354 | 178  | 3455350  | 41.312 | ng    | 100      |
| 72) Anthracene                | 17.448 | 178  | 3496760  | 41.874 | ng    | 99       |
| 73) Carbazole                 | 17.718 | 167  | 3303573  | 41.963 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.270 | 149  | 3441595  | 42.488 | ng    | 99       |
| 75) Fluoranthene              | 19.369 | 202  | 4114329  | 40.955 | ng    | 98       |
| 77) Benzidine                 | 19.551 | 184  | 1035542  | 28.673 | ng    | 97       |
| 78) Pyrene                    | 19.733 | 202  | 4287069  | 40.384 | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.621 | 149  | 1671802  | 45.774 | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.561 | 228  | 4298543  | 41.769 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.478 | 252  | 942414   | 23.912 | ng    | 98       |
| 83) Chrysene                  | 21.625 | 228  | 4111570  | 40.622 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.461 | 149  | 2431778  | 44.062 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.653 | 149  | 4062856  | 45.428 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.347 | 276  | 5458949  | 41.747 | ng    | # 92     |
| 88) Benzo(b)fluoranthene      | 23.740 | 252  | 4549172  | 40.946 | ng    | 97       |
| 89) Benzo(k)fluoranthene      | 23.805 | 252  | 4517926  | 41.209 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.592 | 252  | 4178940  | 41.638 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.411 | 278  | 4391278  | 41.120 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 29.481 | 276  | 4083649  | 37.310 | ng    | 99       |

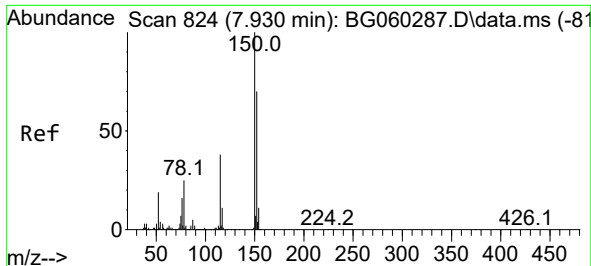
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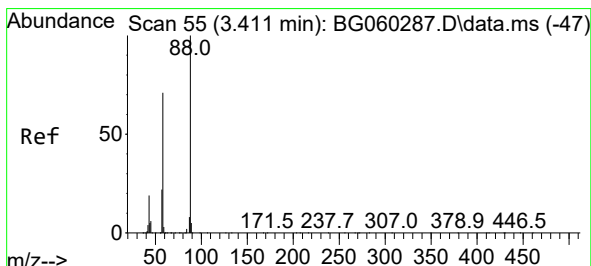
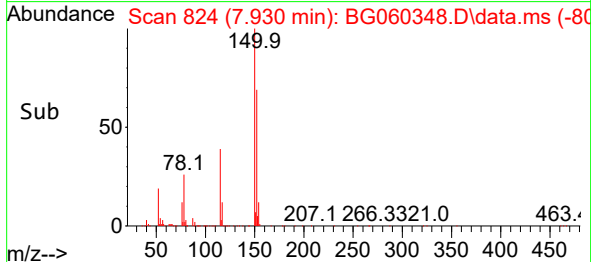
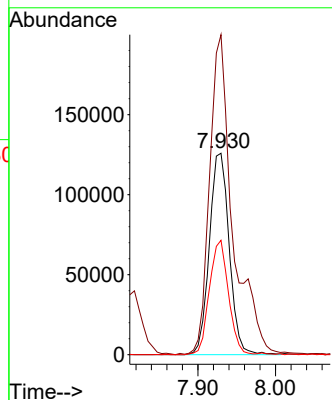
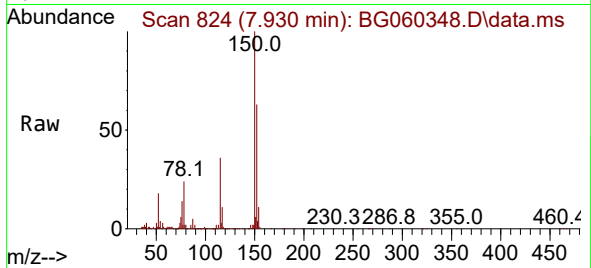




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.930 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

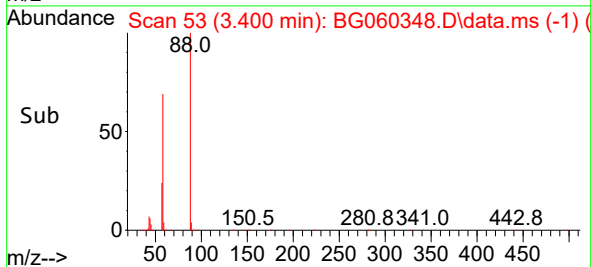
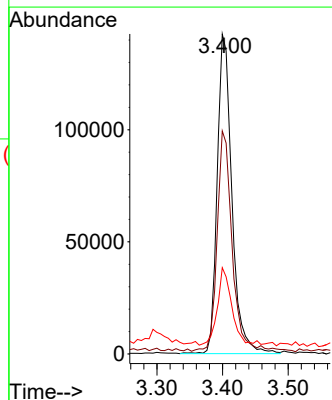
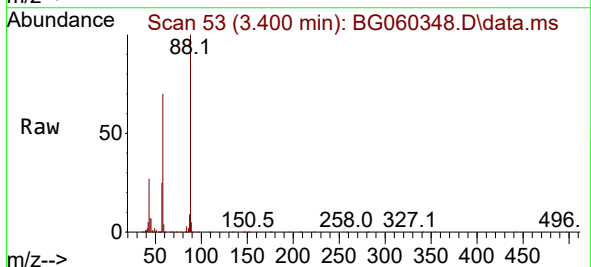
Instrument :  
BNA\_G  
ClientSampleId :  
BB-TESTPITMSD

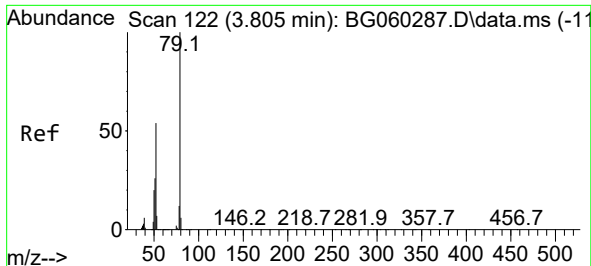
Tgt Ion:152 Resp: 224297  
Ion Ratio Lower Upper  
152 100  
150 158.9 114.5 171.7  
115 56.8 43.0 64.6



#2  
1,4-Dioxane  
Concen: 35.470 ng  
RT: 3.400 min Scan# 53  
Delta R.T. -0.012 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

Tgt Ion: 88 Resp: 220952  
Ion Ratio Lower Upper  
88 100  
58 71.2 55.9 83.9  
43 23.4 16.6 24.8

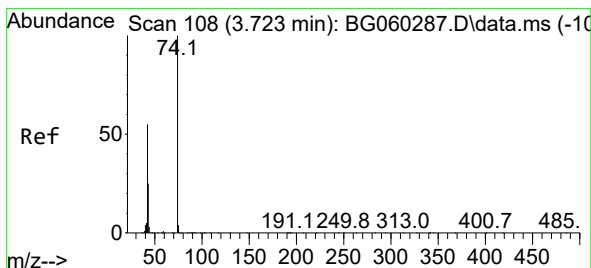
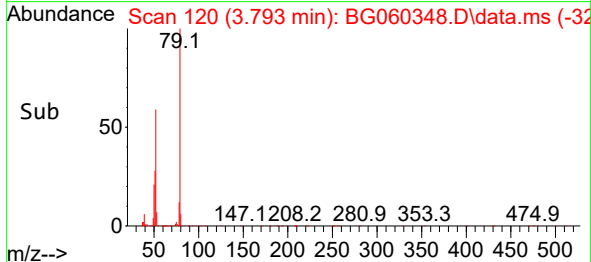
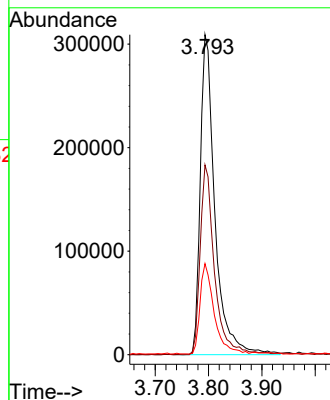
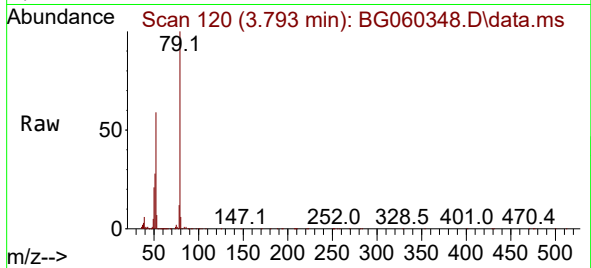




#3  
Pyridine  
Concen: 33.478 ng  
RT: 3.793 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

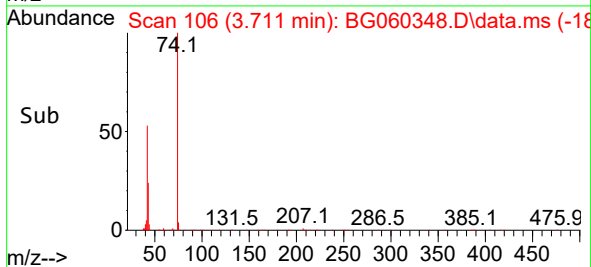
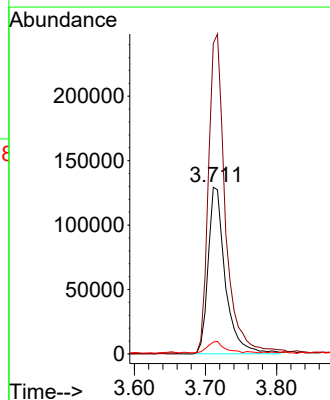
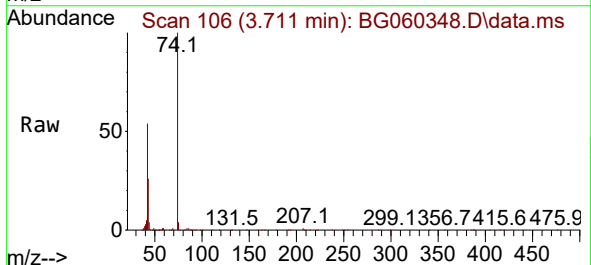
Instrument :  
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ClientSampleId :  
BB-TESTPITMSD

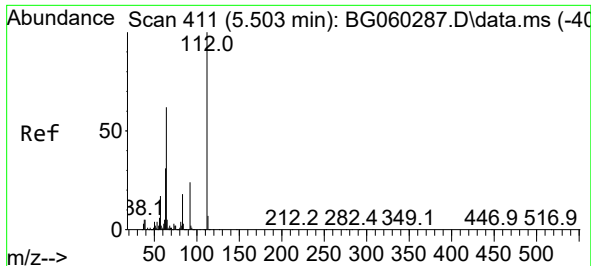
Tgt Ion: 79 Resp: 588395  
Ion Ratio Lower Upper  
79 100  
52 59.3 43.2 64.8  
51 28.5 21.4 32.2



#4  
n-Nitrosodimethylamine  
Concen: 39.456 ng  
RT: 3.711 min Scan# 106  
Delta R.T. -0.012 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

Tgt Ion: 42 Resp: 217027  
Ion Ratio Lower Upper  
42 100  
74 186.5 145.1 217.7  
44 7.2 5.2 7.8

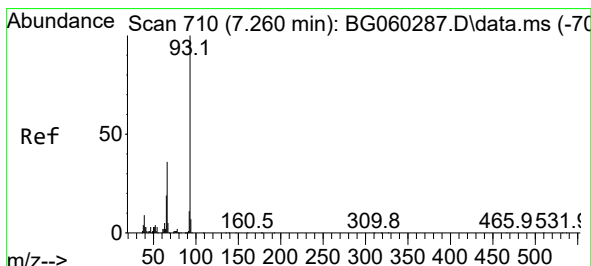
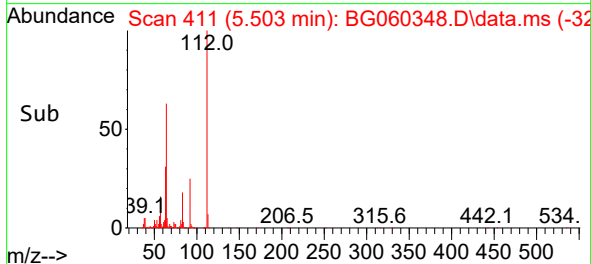
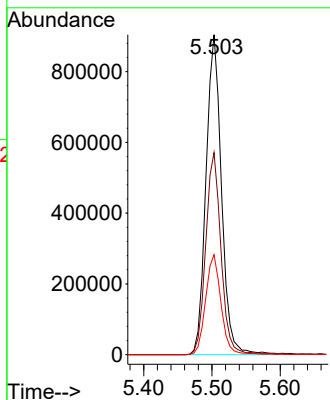
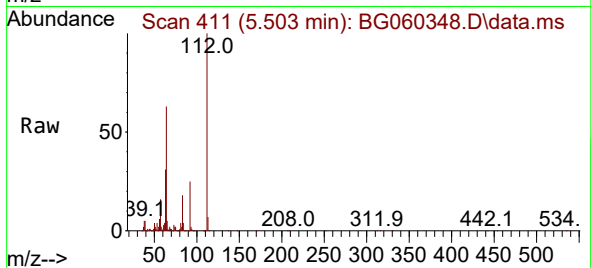




#5  
2-Fluorophenol  
Concen: 104.964 ng  
RT: 5.503 min Scan# 411  
Delta R.T. -0.000 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

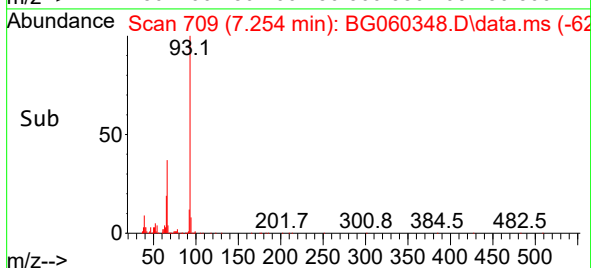
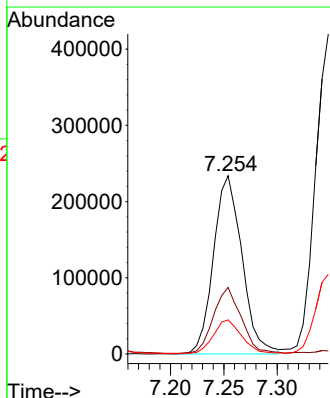
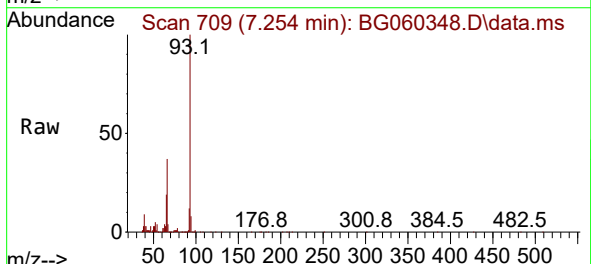
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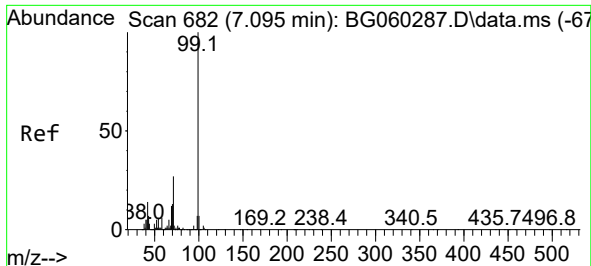
Tgt Ion:112 Resp: 1431372  
Ion Ratio Lower Upper  
112 100  
64 63.2 49.8 74.6  
63 31.3 24.4 36.6



#6  
Aniline  
Concen: 21.518 ng  
RT: 7.254 min Scan# 709  
Delta R.T. -0.006 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

Tgt Ion: 93 Resp: 434306  
Ion Ratio Lower Upper  
93 100  
66 37.4 29.0 43.4  
65 19.1 15.1 22.7



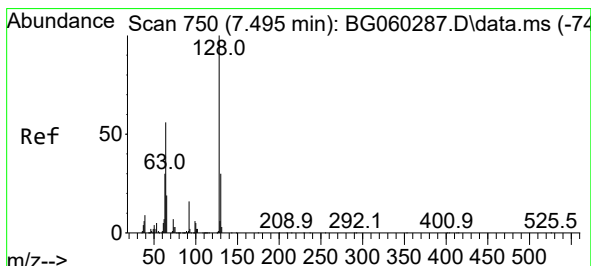
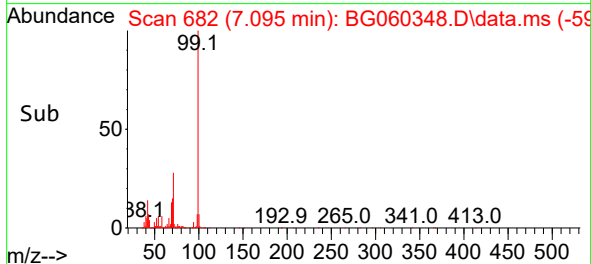
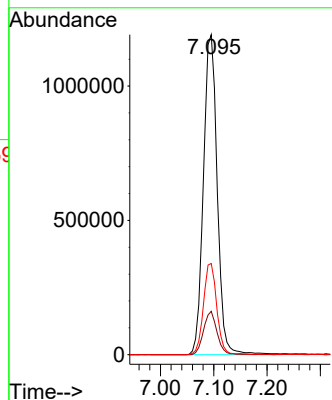
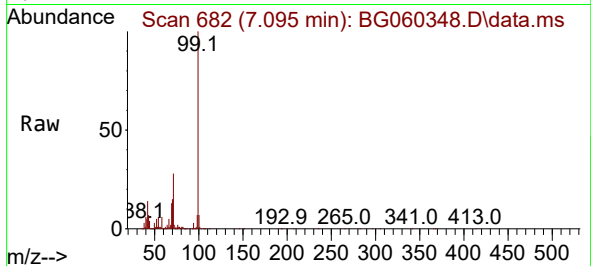


#7  
Phenol-d6  
Concen: 106.147 ng  
RT: 7.095 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

Instrument :  
BNA\_G  
ClientSampleId :  
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Tgt Ion: 99 Resp: 2143417

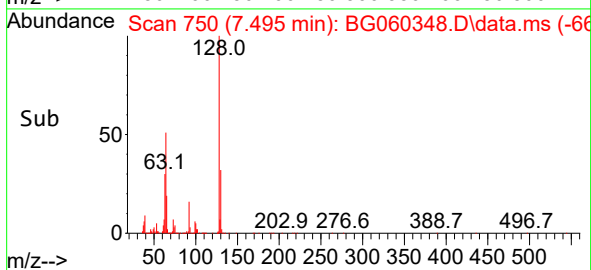
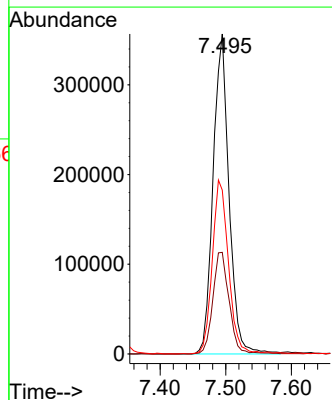
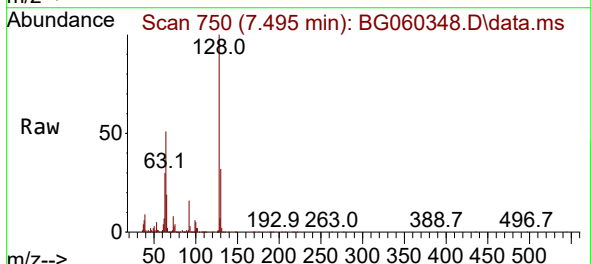
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 13.5  | 10.9  | 16.3  |
| 71  | 28.5  | 21.5  | 32.3  |

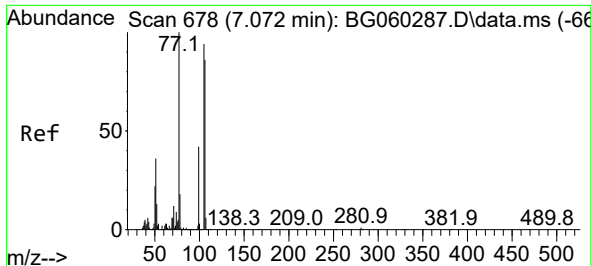


#8  
2-Chlorophenol  
Concen: 44.293 ng  
RT: 7.495 min Scan# 750  
Delta R.T. -0.000 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

Tgt Ion:128 Resp: 598604

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 31.8  | 9.9   | 49.9  |
| 64  | 51.2  | 37.8  | 77.8  |

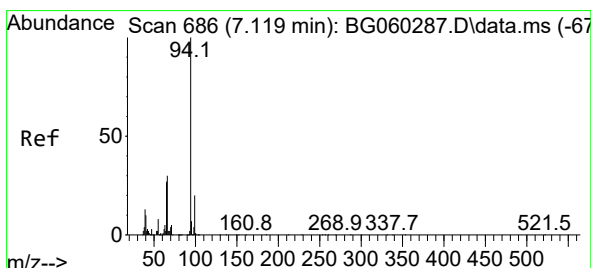
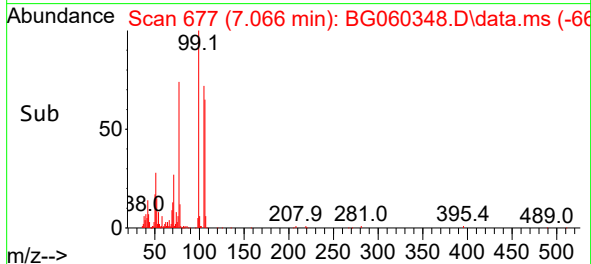
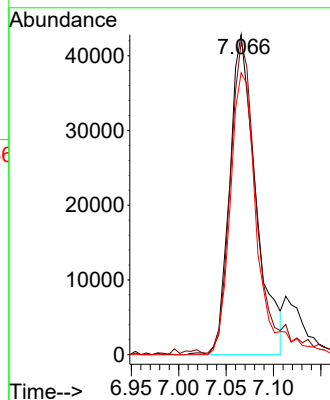
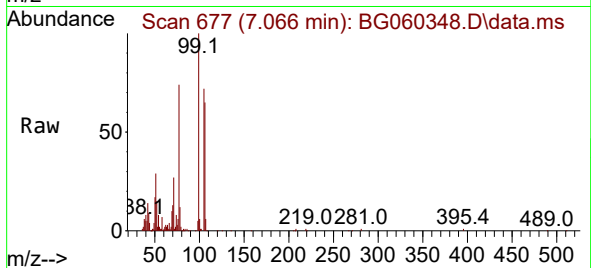




#9  
Benzaldehyde  
Concen: 7.097 ng  
RT: 7.066 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

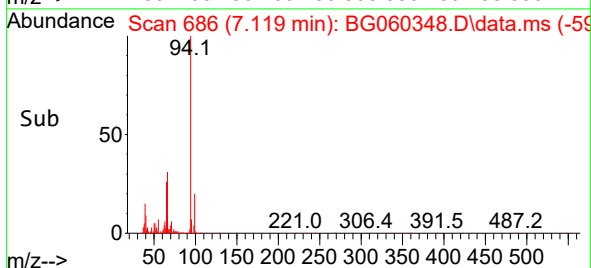
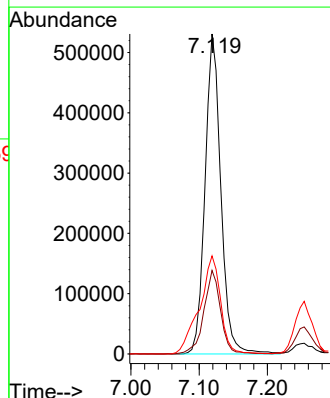
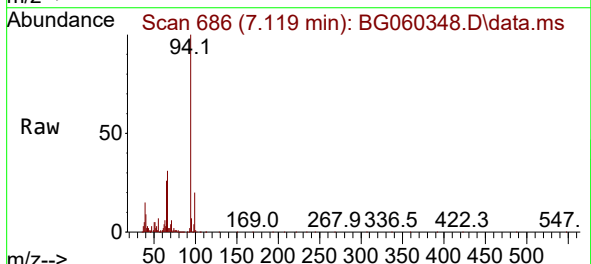
Instrument :  
BNA\_G  
ClientSampleId :  
BB-TESTPITMSD

Tgt Ion: 77 Resp: 82260  
Ion Ratio Lower Upper  
77 100  
105 97.7 73.6 113.6  
106 88.1 66.2 106.2

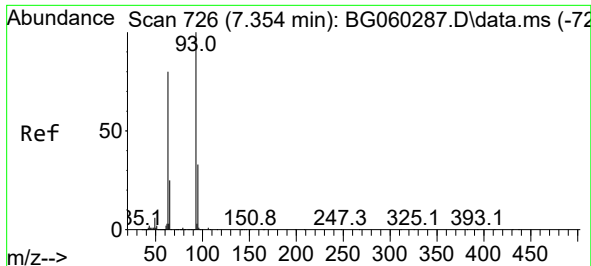


#10  
Phenol  
Concen: 42.319 ng  
RT: 7.119 min Scan# 686  
Delta R.T. -0.000 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

Tgt Ion: 94 Resp: 856786  
Ion Ratio Lower Upper  
94 100  
65 26.1 6.7 46.7  
66 30.6 10.6 50.6



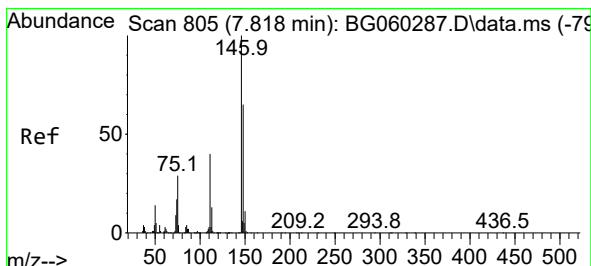
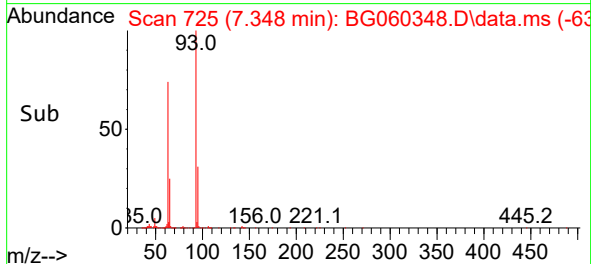
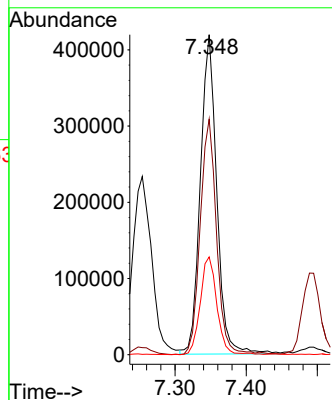
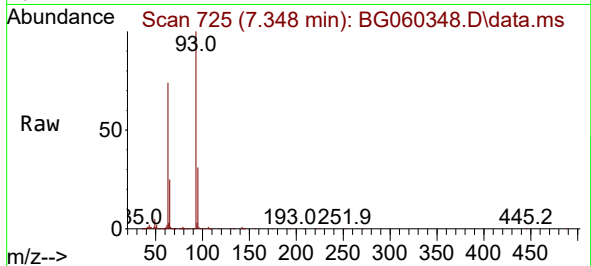




#11  
bis(2-Chloroethyl)ether  
Concen: 40.756 ng  
RT: 7.348 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

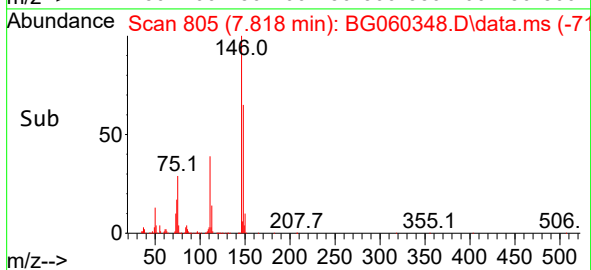
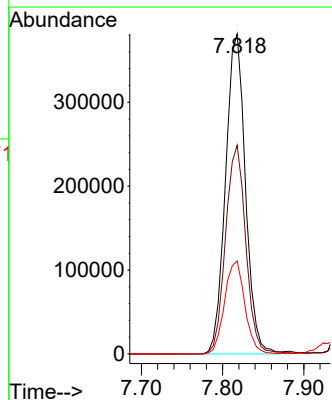
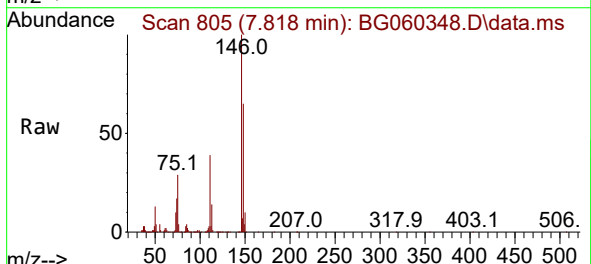
Instrument :  
BNA\_G  
ClientSampleId :  
BB-TESTPITMSD

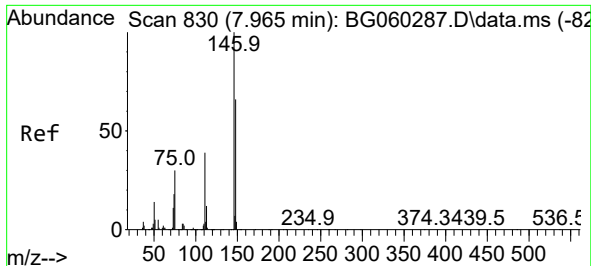
Tgt Ion: 93 Resp: 672376  
Ion Ratio Lower Upper  
93 100  
63 73.6 59.3 99.3  
95 30.5 12.8 52.8



#12  
1,3-Dichlorobenzene  
Concen: 38.290 ng  
RT: 7.818 min Scan# 805  
Delta R.T. -0.000 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

Tgt Ion: 146 Resp: 649543  
Ion Ratio Lower Upper  
146 100  
148 65.2 52.3 78.5  
75 29.1 22.9 34.3

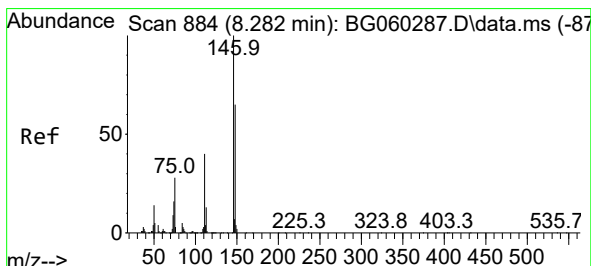
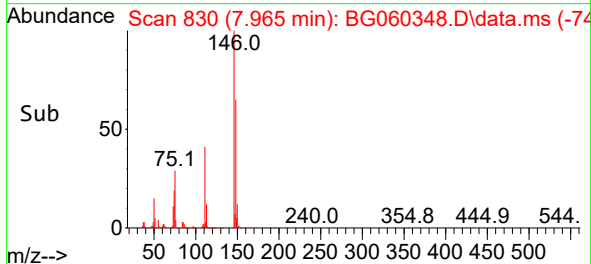
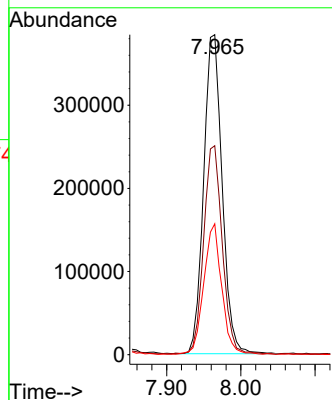
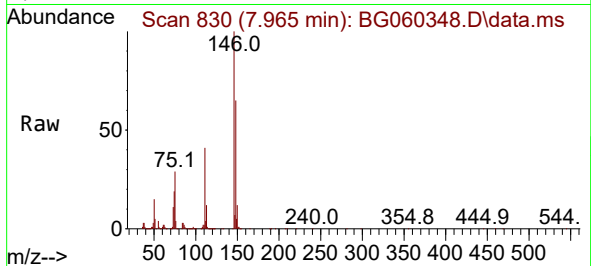




#13  
1,4-Dichlorobenzene  
Concen: 38.599 ng  
RT: 7.965 min Scan# 811  
Delta R.T. -0.000 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

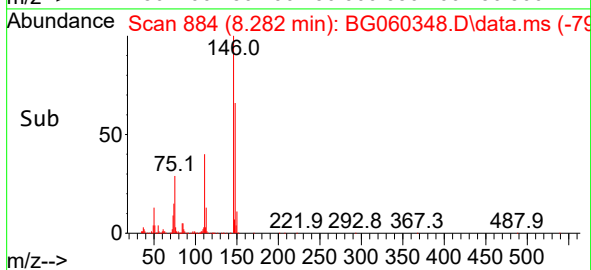
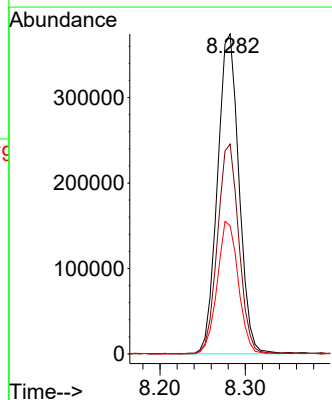
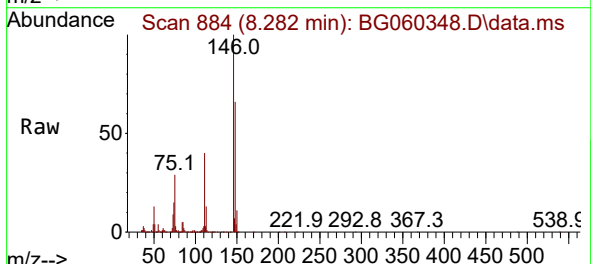
Instrument :  
BNA\_G  
ClientSampleId :  
BB-TESTPITMSD

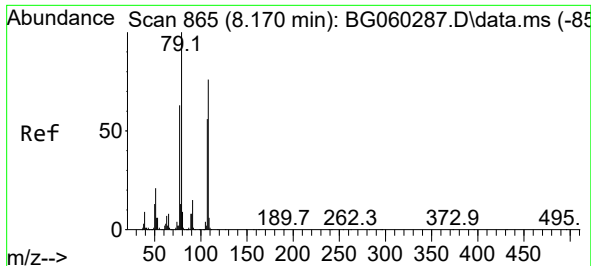
Tgt Ion:146 Resp: 664350  
Ion Ratio Lower Upper  
146 100  
148 65.3 52.7 79.1  
111 40.9 31.4 47.0



#14  
1,2-Dichlorobenzene  
Concen: 36.934 ng  
RT: 8.282 min Scan# 884  
Delta R.T. 0.000 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

Tgt Ion:146 Resp: 653661  
Ion Ratio Lower Upper  
146 100  
148 65.6 51.8 77.8  
111 40.1 32.6 48.8

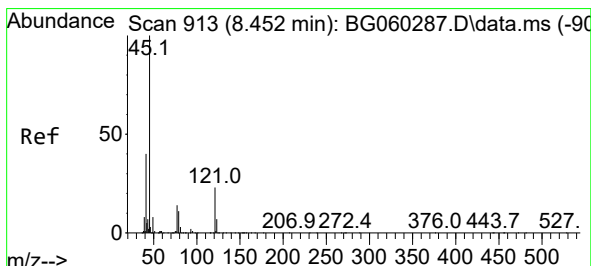
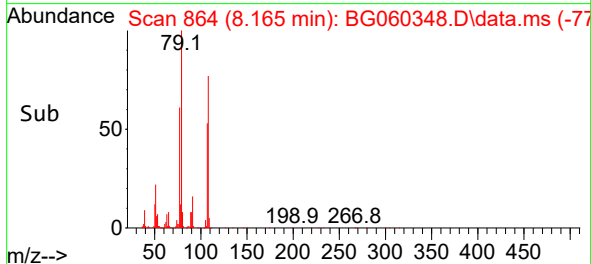
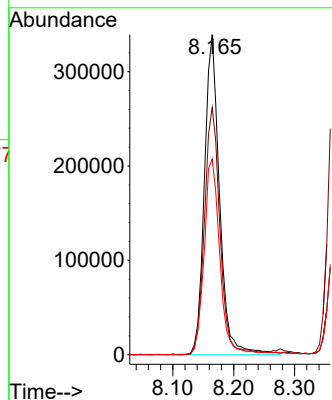
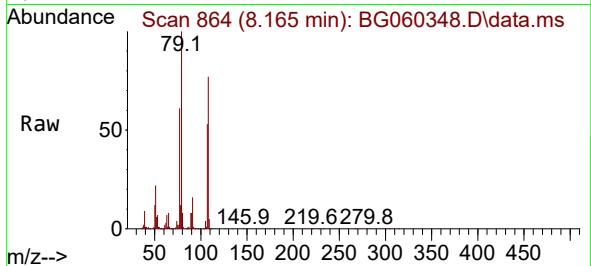




#15  
Benzyl Alcohol  
Concen: 44.741 ng  
RT: 8.165 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

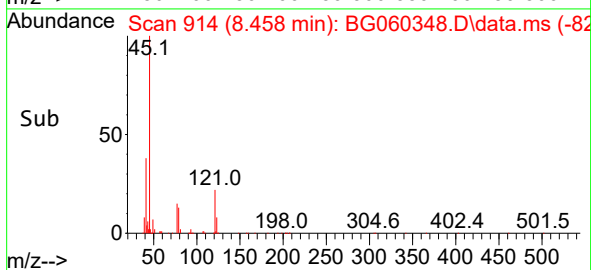
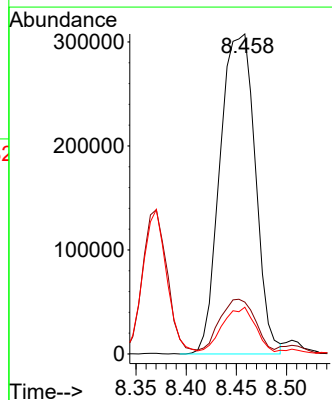
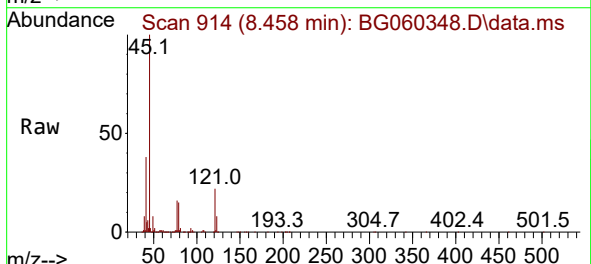
Instrument :  
BNA\_G  
ClientSampleId :  
BB-TESTPITMSD

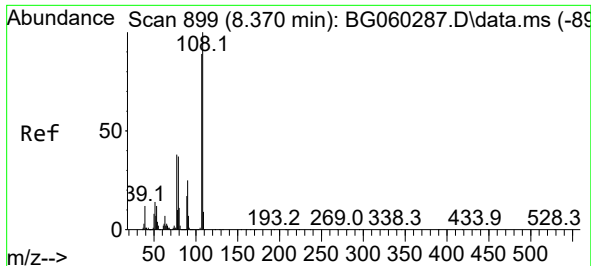
Tgt Ion: 79 Resp: 584819  
Ion Ratio Lower Upper  
79 100  
108 77.3 61.2 91.8  
77 61.1 50.3 75.5



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 37.477 ng  
RT: 8.458 min Scan# 914  
Delta R.T. 0.006 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

Tgt Ion: 45 Resp: 750419  
Ion Ratio Lower Upper  
45 100  
77 16.2 0.0 37.3  
79 14.6 0.0 34.0





#17

2-Methylphenol

Concen: 40.446 ng

RT: 8.370 min Scan# 899

Delta R.T. 0.000 min

Lab File: BG060348.D

Acq: 17 Jan 2024 18:29

Instrument :

BNA\_G

ClientSampleId :

BB-TESTPITMSD

Tgt Ion:107 Resp: 562441

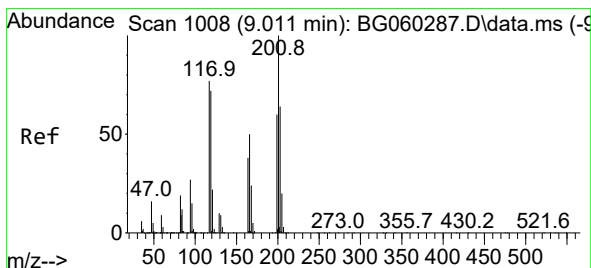
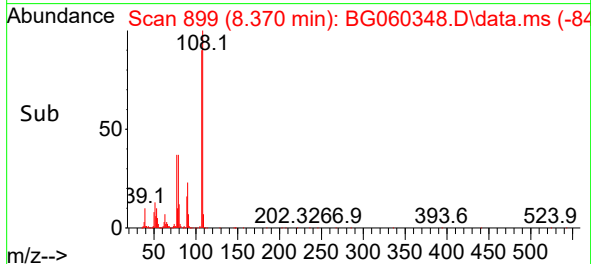
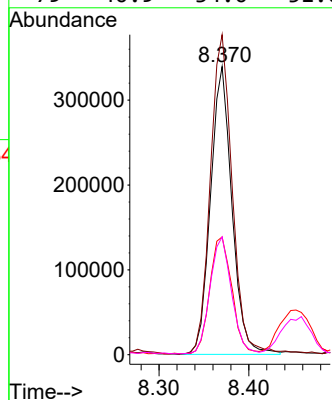
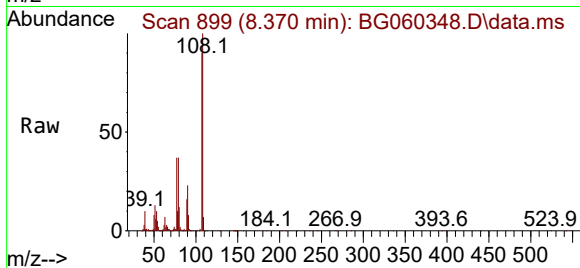
Ion Ratio Lower Upper

107 100

108 111.0 90.5 135.7

77 40.8 35.0 52.6

79 40.9 34.0 51.0



#18

Hexachloroethane

Concen: 37.691 ng

RT: 9.011 min Scan# 1008

Delta R.T. -0.000 min

Lab File: BG060348.D

Acq: 17 Jan 2024 18:29

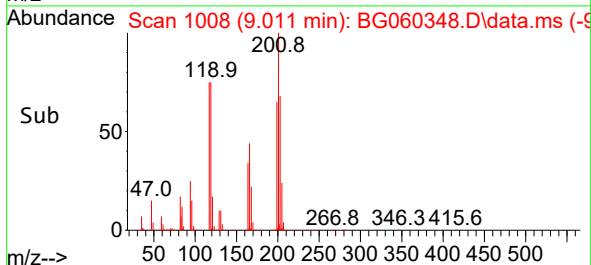
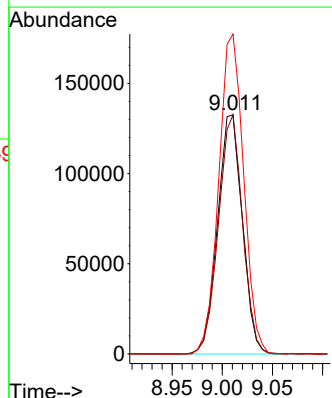
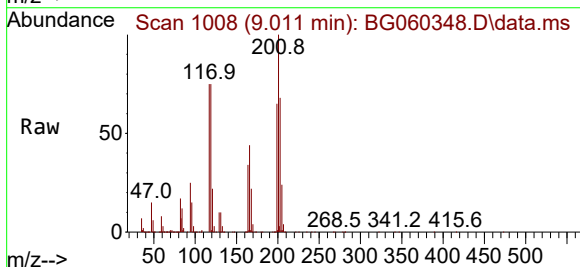
Tgt Ion:117 Resp: 227450

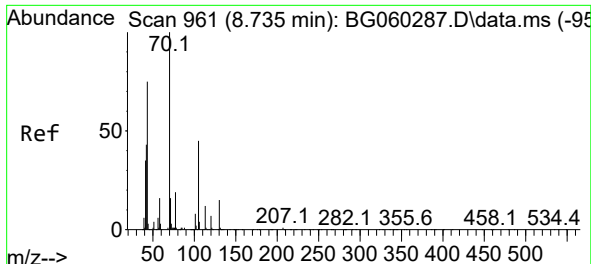
Ion Ratio Lower Upper

117 100

119 100.0 74.5 111.7

201 133.8 106.3 159.5

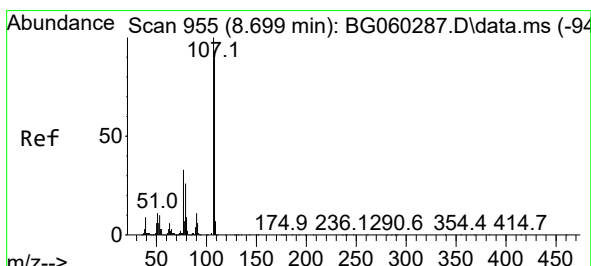
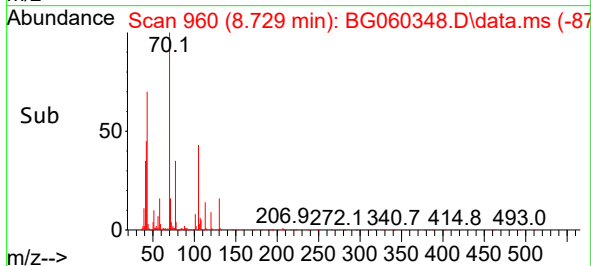
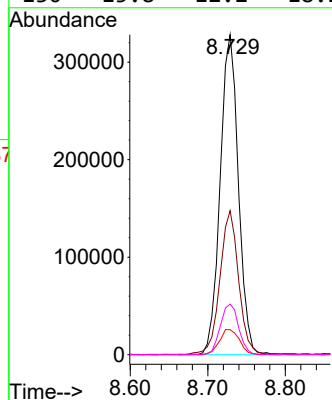
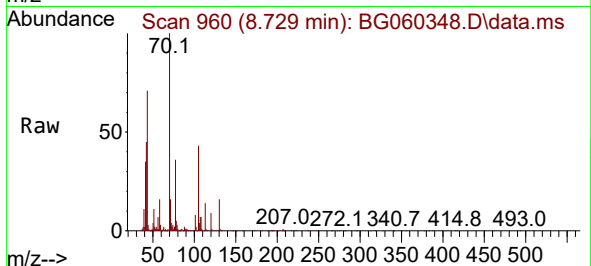




#19  
n-Nitroso-di-n-propylamine  
Concen: 38.411 ng  
RT: 8.729 min Scan# 90  
Delta R.T. -0.006 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

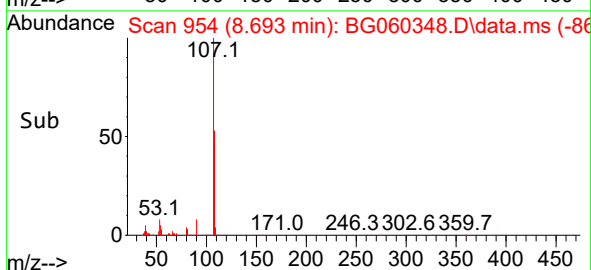
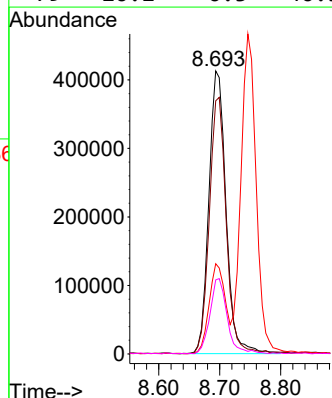
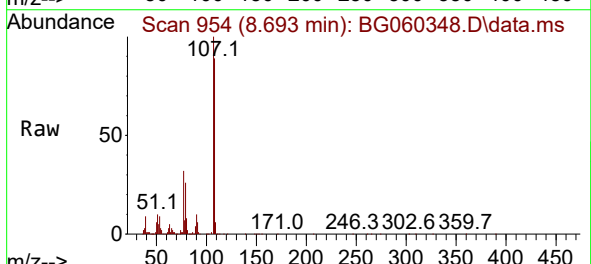
Instrument :  
BNA\_G  
ClientSampleId :  
BB-TESTPITMSD

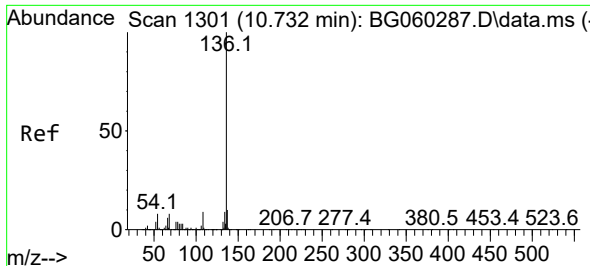
Tgt Ion: 70 Resp: 536822  
Ion Ratio Lower Upper  
70 100  
42 45.0 34.3 51.5  
101 7.8 6.2 9.2  
130 15.8 12.2 18.2



#20  
3+4-Methylphenols  
Concen: 42.962 ng  
RT: 8.693 min Scan# 954  
Delta R.T. -0.006 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

Tgt Ion: 107 Resp: 805517  
Ion Ratio Lower Upper  
107 100  
108 89.4 72.5 112.5  
77 31.9 13.0 53.0  
79 26.2 6.3 46.3

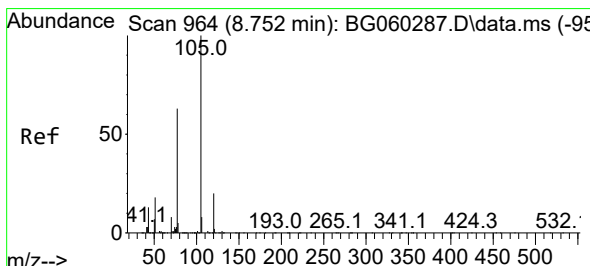
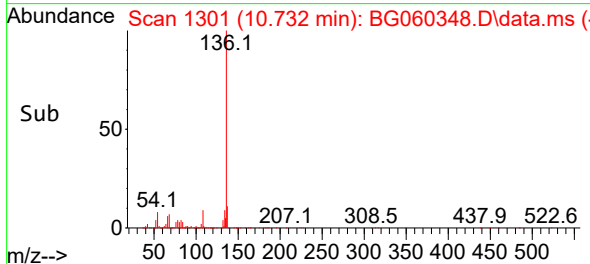
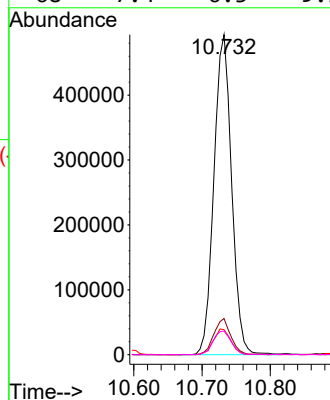
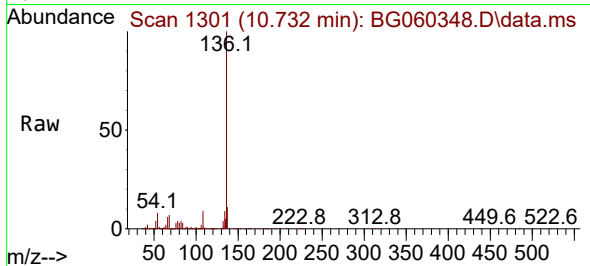




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.732 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

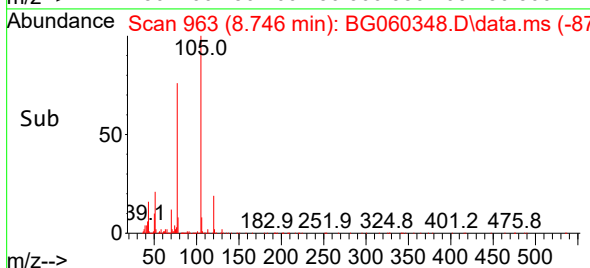
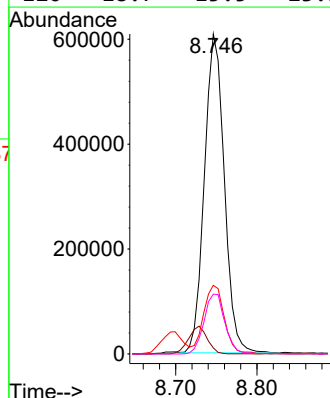
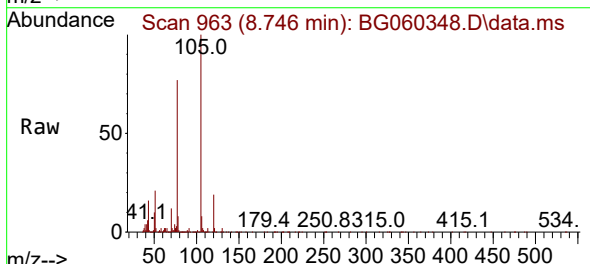
Instrument :  
BNA\_G  
ClientSampleId :  
BB-TESTPITMSD

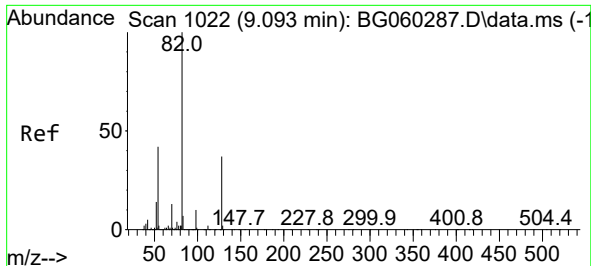
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 890017 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.3  | 8.2   | 12.4   |
| 54        | 7.8   | 6.2   | 9.2    |
| 68        | 7.4   | 6.3   | 9.5    |



#22  
Acetophenone  
Concen: 42.234 ng  
RT: 8.746 min Scan# 963  
Delta R.T. -0.006 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 105   | Resp: | 1033257 |
| Ion Ratio | Lower | Upper |         |
| 105       | 100   |       |         |
| 71        | 1.9   | 1.7   | 2.5     |
| 51        | 21.5  | 18.2  | 27.2    |
| 120       | 18.7  | 15.5  | 23.3    |

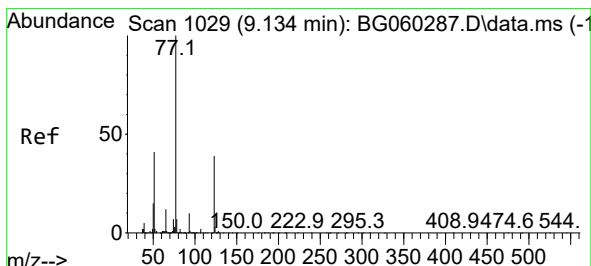
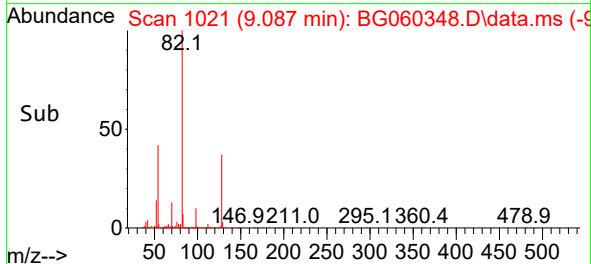
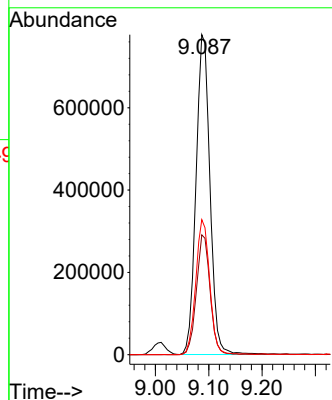
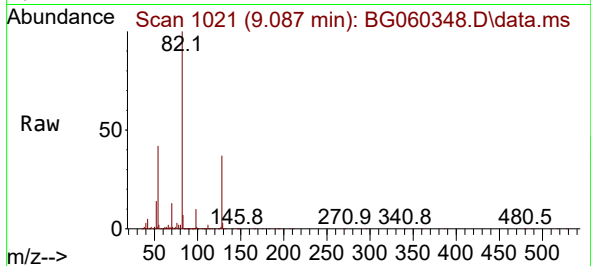




#23  
Nitrobenzene-d5  
Concen: 75.103 ng  
RT: 9.087 min Scan# 1021  
Delta R.T. -0.006 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

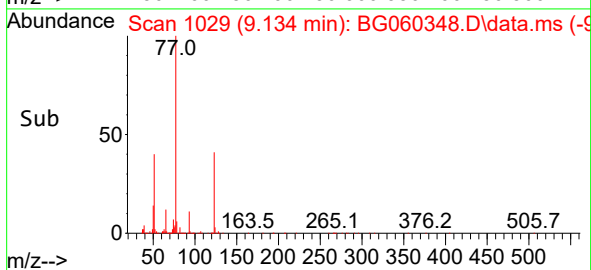
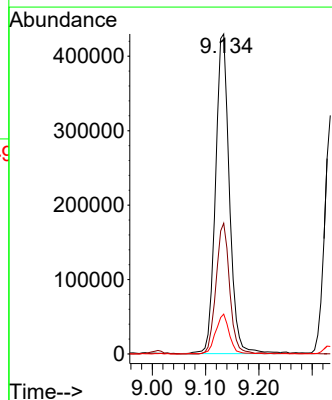
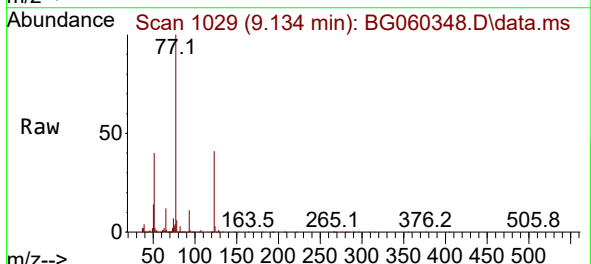
Instrument :  
BNA\_G  
ClientSampleId :  
BB-TESTPITMSD

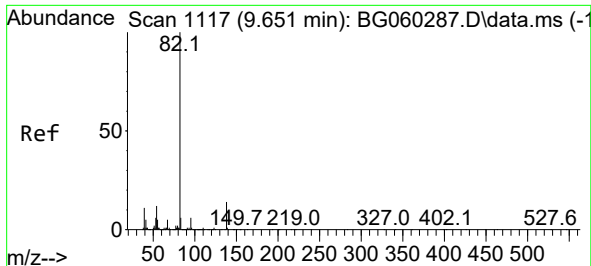
Tgt Ion: 82 Resp: 1415556  
Ion Ratio Lower Upper  
82 100  
128 37.4 29.6 44.4  
54 42.2 33.6 50.4



#24  
Nitrobenzene  
Concen: 39.805 ng  
RT: 9.134 min Scan# 1029  
Delta R.T. -0.000 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

Tgt Ion: 77 Resp: 777739  
Ion Ratio Lower Upper  
77 100  
123 40.8 31.4 47.0  
65 12.5 9.6 14.4

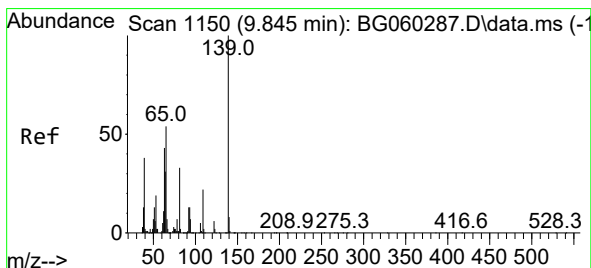
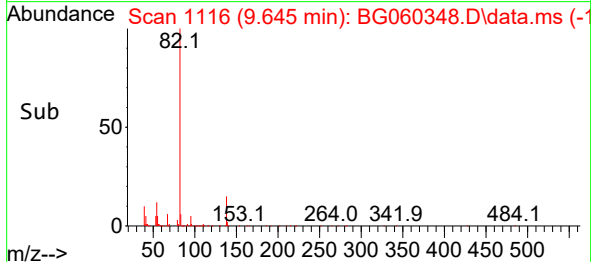
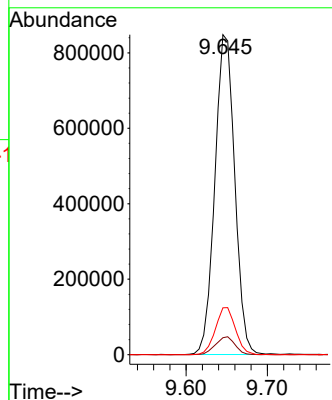
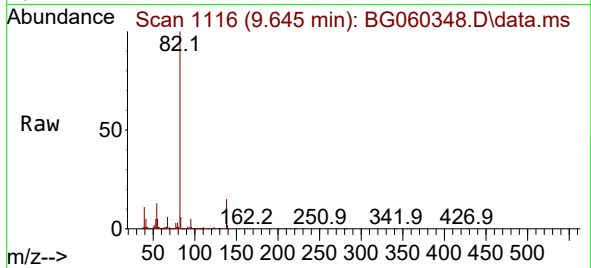




#25  
Isophorone  
Concen: 38.180 ng  
RT: 9.645 min Scan# 1116  
Delta R.T. -0.006 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

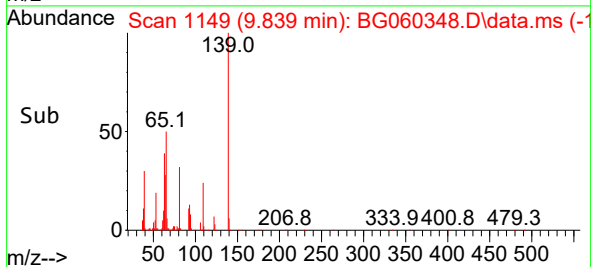
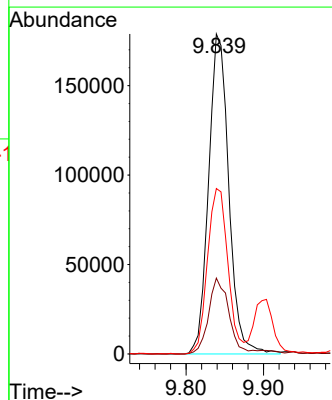
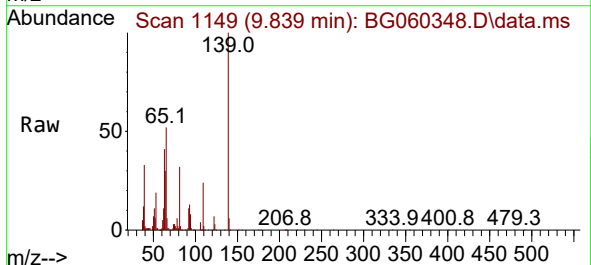
Instrument :  
BNA\_G  
ClientSampleId :  
BB-TESTPITMSD

Tgt Ion: 82 Resp: 1445181  
Ion Ratio Lower Upper  
82 100  
95 5.3 4.7 7.1  
138 14.7 11.1 16.7

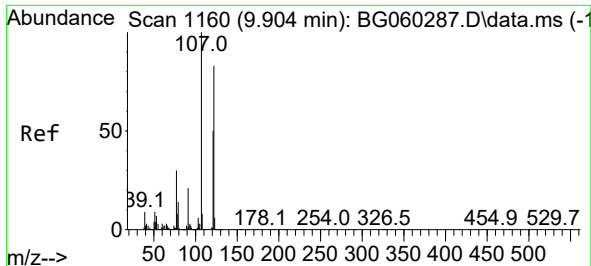


#26  
2-Nitrophenol  
Concen: 45.090 ng  
RT: 9.839 min Scan# 1149  
Delta R.T. -0.006 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

Tgt Ion:139 Resp: 323932  
Ion Ratio Lower Upper  
139 100  
109 23.7 17.6 26.4  
65 51.7 43.6 65.4







#27

2,4-Dimethylphenol

Concen: 53.814 ng

RT: 9.898 min Scan# 1159

Delta R.T. -0.006 min

Lab File: BG060348.D

Acq: 17 Jan 2024 18:29

Instrument :

BNA\_G

ClientSampleId :

BB-TESTPITMSD

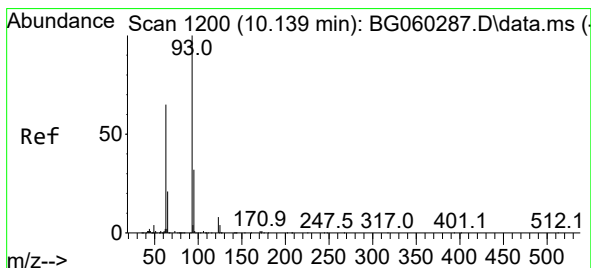
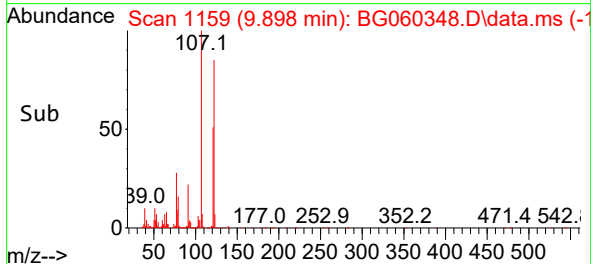
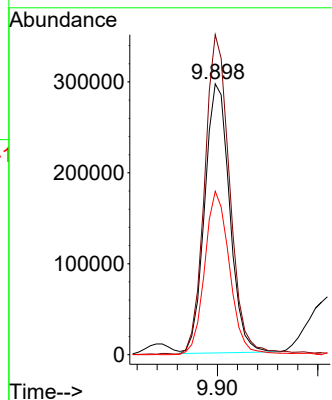
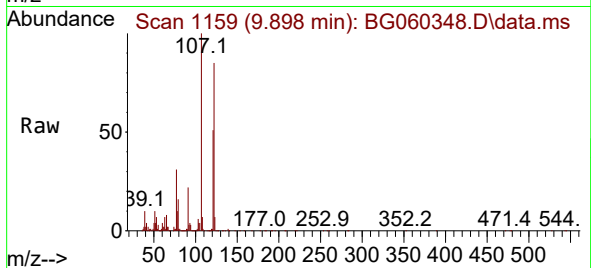
Tgt Ion:122 Resp: 510844

Ion Ratio Lower Upper

122 100

107 118.1 95.4 143.0

121 60.3 47.7 71.5



#28

bis(2-Chloroethoxy)methane

Concen: 39.252 ng

RT: 10.133 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BG060348.D

Acq: 17 Jan 2024 18:29

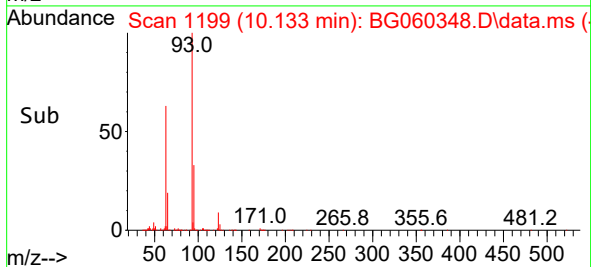
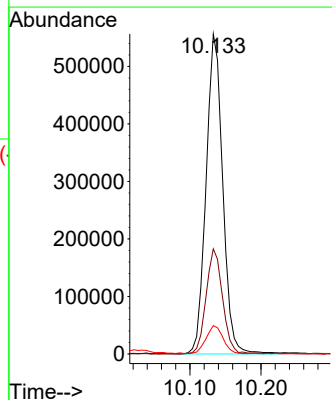
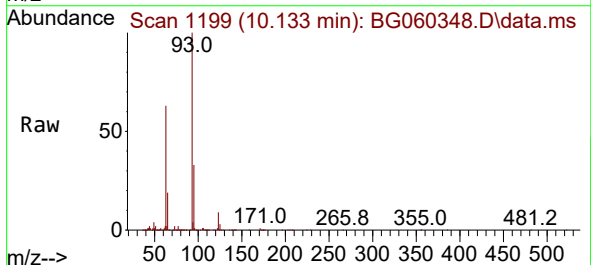
Tgt Ion: 93 Resp: 907804

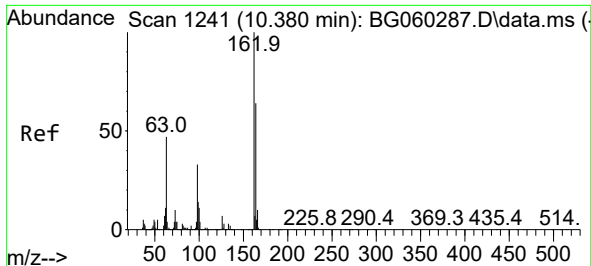
Ion Ratio Lower Upper

93 100

95 32.9 25.4 38.0

123 8.9 6.7 10.1

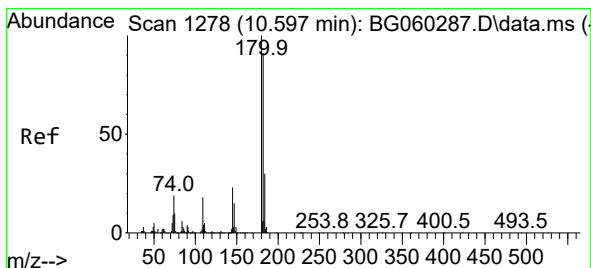
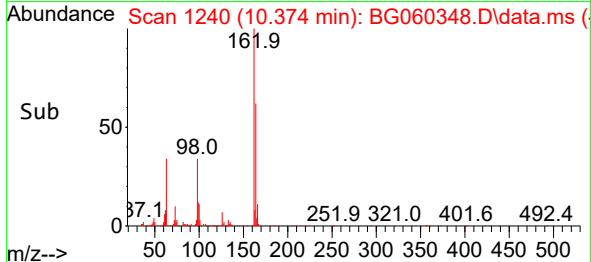
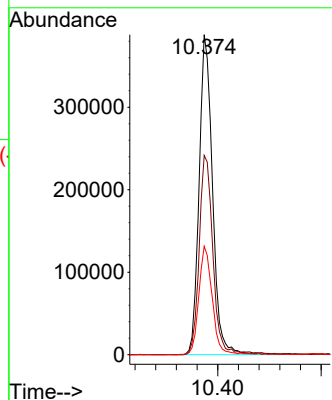
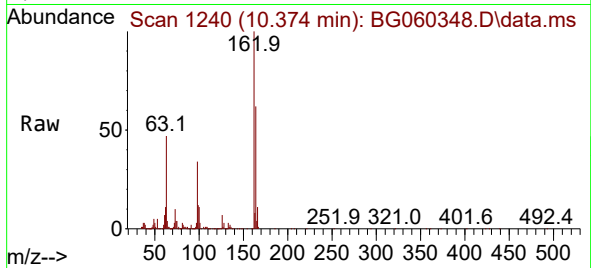




#29  
2,4-Dichlorophenol  
Concen: 45.563 ng  
RT: 10.374 min Scan# 1240  
Delta R.T. -0.006 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

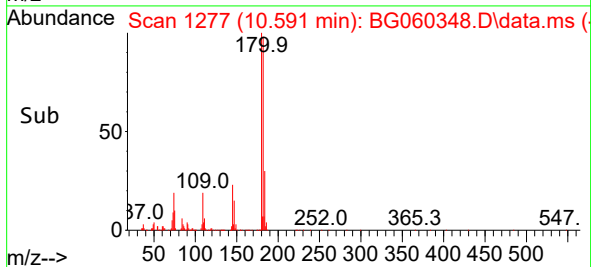
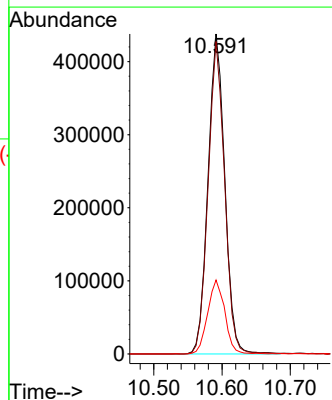
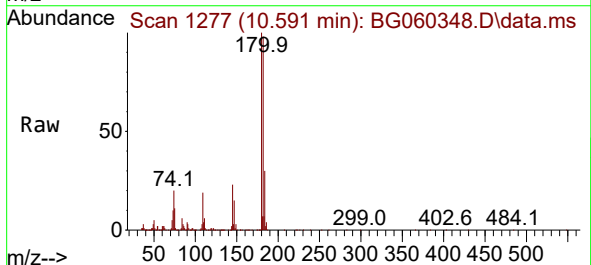
Instrument :  
BNA\_G  
ClientSampleId :  
BB-TESTPITMSD

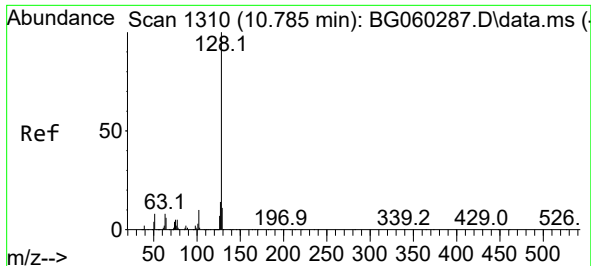
Tgt Ion:162 Resp: 700894  
Ion Ratio Lower Upper  
162 100  
164 62.2 44.3 84.3  
98 33.9 13.4 53.4



#30  
1,2,4-Trichlorobenzene  
Concen: 39.247 ng  
RT: 10.591 min Scan# 1277  
Delta R.T. -0.006 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

Tgt Ion:180 Resp: 751112  
Ion Ratio Lower Upper  
180 100  
182 97.7 72.7 109.1  
145 23.1 18.2 27.2

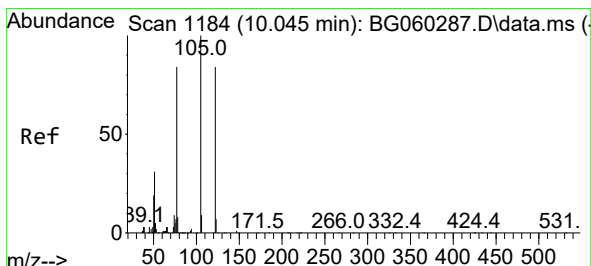
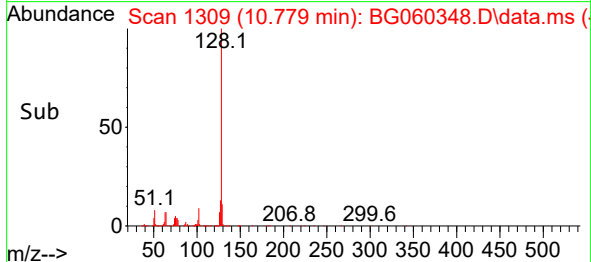
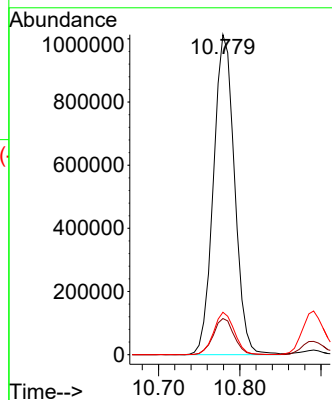
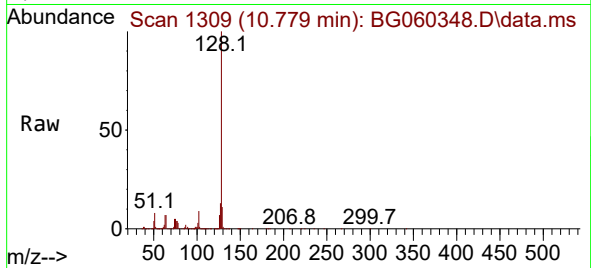




#31  
Naphthalene  
Concen: 39.166 ng  
RT: 10.779 min Scan# 111  
Delta R.T. -0.006 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

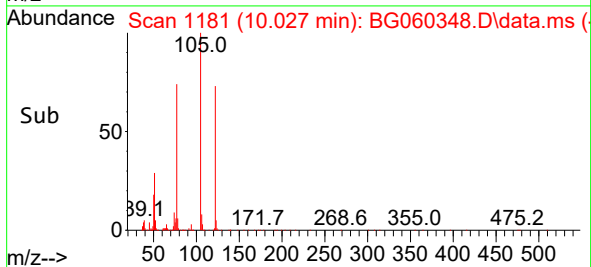
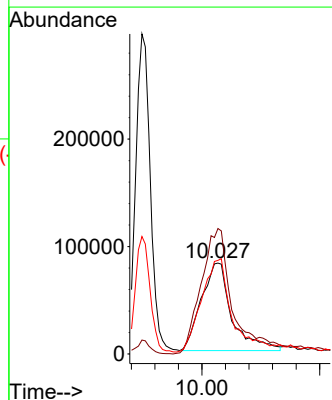
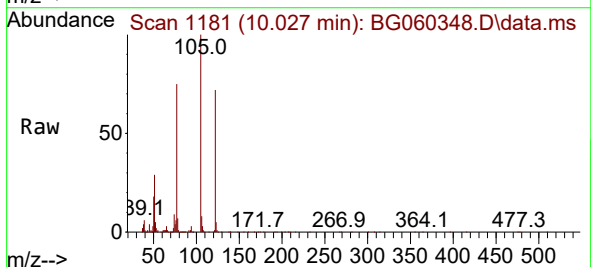
Instrument :  
BNA\_G  
ClientSampleId :  
BB-TESTPITMSD

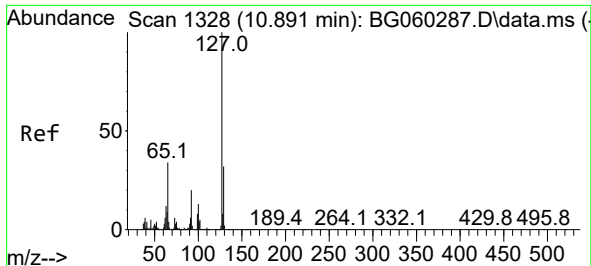
Tgt Ion:128 Resp: 1827225  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.9 13.3  
127 13.2 10.9 16.3



#32  
Benzoic acid  
Concen: 37.823 ng  
RT: 10.027 min Scan# 1181  
Delta R.T. -0.018 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

Tgt Ion:122 Resp: 294057  
Ion Ratio Lower Upper  
122 100  
105 138.0 96.0 136.0#  
77 103.0 80.1 120.1

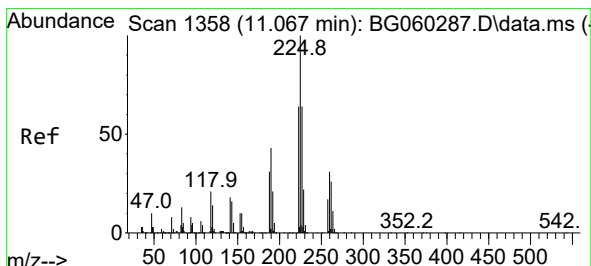
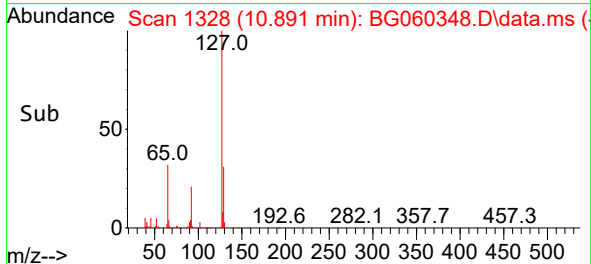
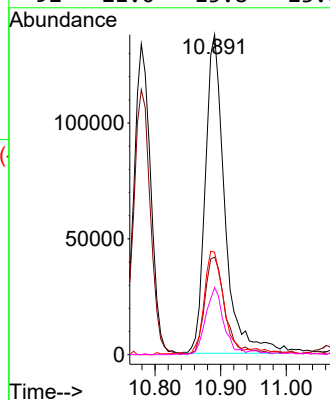
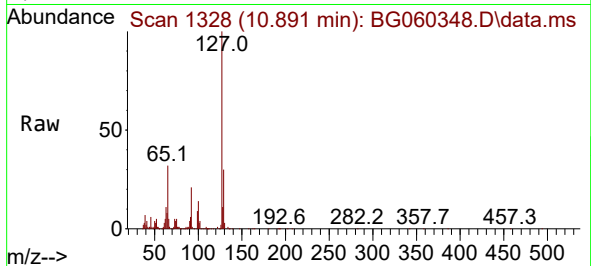




#33  
4-Chloroaniline  
Concen: 15.752 ng  
RT: 10.891 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

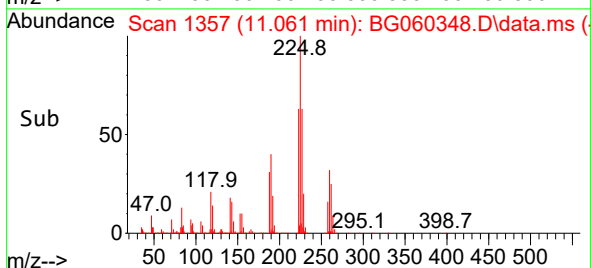
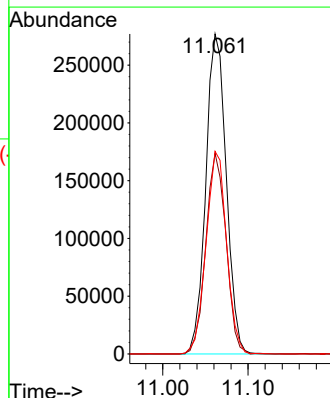
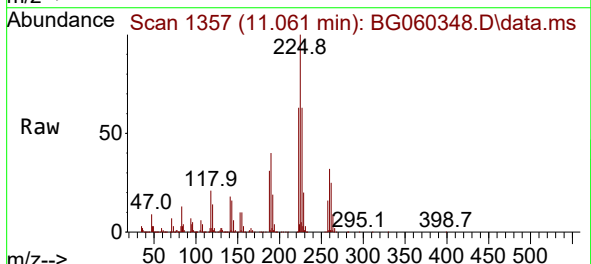
Instrument :  
BNA\_G  
ClientSampleId :  
BB-TESTPITMSD

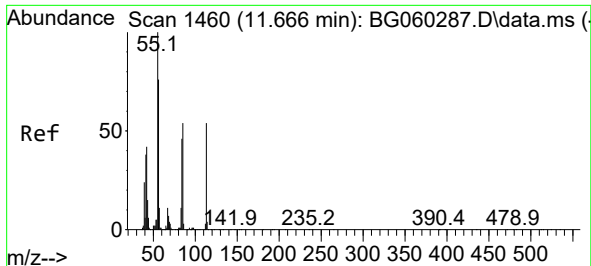
|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:127 | Resp: | 283154 |
| Ion | Ratio   | Lower | Upper  |
| 127 | 100     |       |        |
| 129 | 30.4    | 25.5  | 38.3   |
| 65  | 32.0    | 27.5  | 41.3   |
| 92  | 21.0    | 15.8  | 23.8   |



#34  
Hexachlorobutadiene  
Concen: 36.987 ng  
RT: 11.061 min Scan# 1357  
Delta R.T. -0.006 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:225 | Resp: | 461122 |
| Ion | Ratio   | Lower | Upper  |
| 225 | 100     |       |        |
| 223 | 62.7    | 48.7  | 73.1   |
| 227 | 65.9    | 48.7  | 73.1   |

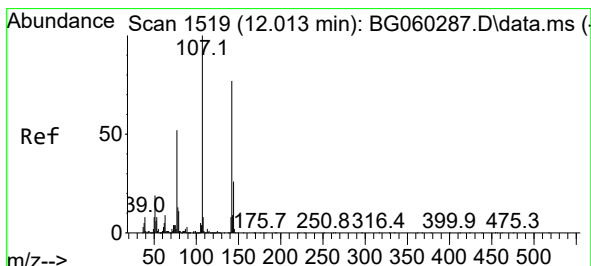
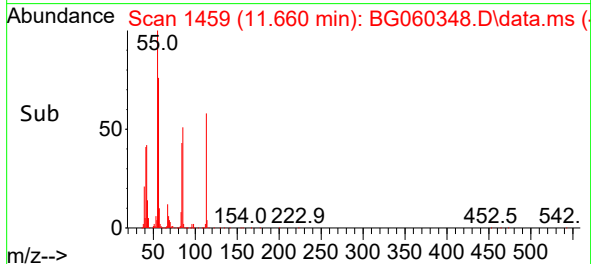
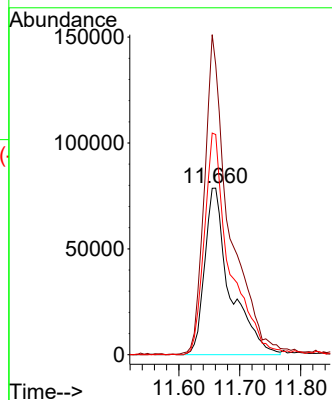
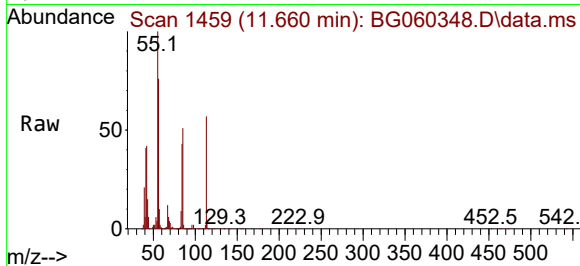




#35  
 Caprolactam  
 Concen: 45.849 ng  
 RT: 11.660 min Scan# 1460  
 Delta R.T. -0.006 min  
 Lab File: BG060348.D  
 Acq: 17 Jan 2024 18:29

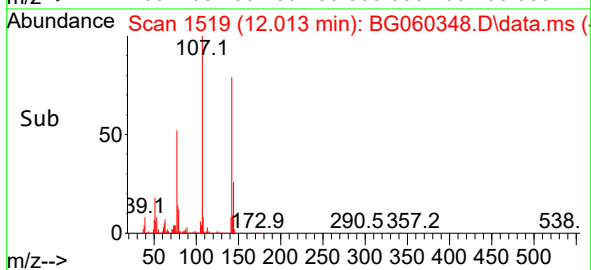
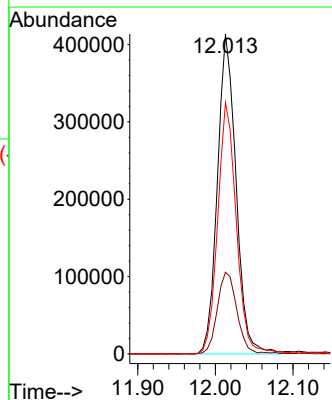
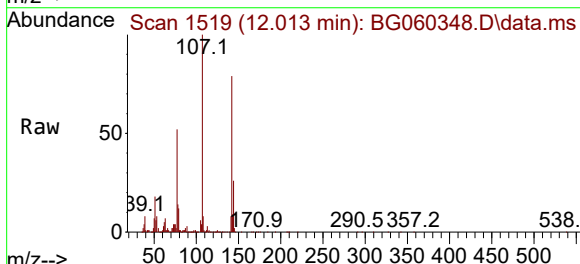
Instrument :  
 BNA\_G  
 ClientSampleId :  
 BB-TESTPITMSD

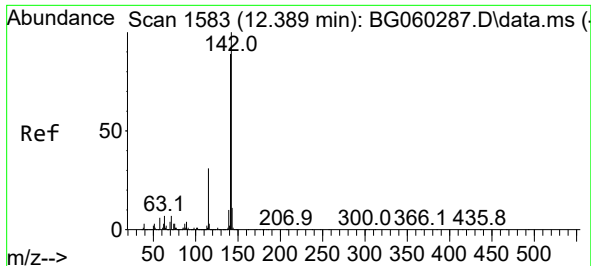
Tgt Ion:113 Resp: 227168  
 Ion Ratio Lower Upper  
 113 100  
 55 174.0 166.4 206.4  
 56 132.1 121.0 161.0



#36  
 4-Chloro-3-methylphenol  
 Concen: 44.231 ng  
 RT: 12.013 min Scan# 1519  
 Delta R.T. 0.000 min  
 Lab File: BG060348.D  
 Acq: 17 Jan 2024 18:29

Tgt Ion:107 Resp: 691219  
 Ion Ratio Lower Upper  
 107 100  
 144 25.5 20.6 31.0  
 142 78.6 61.5 92.3





#37

2-Methylnaphthalene

Concen: 38.918 ng

RT: 12.389 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG060348.D

Acq: 17 Jan 2024 18:29

Instrument :

BNA\_G

ClientSampleId :

BB-TESTPITMSD

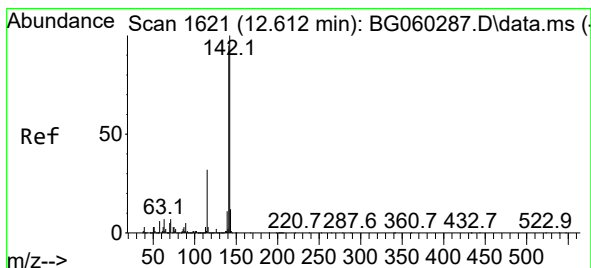
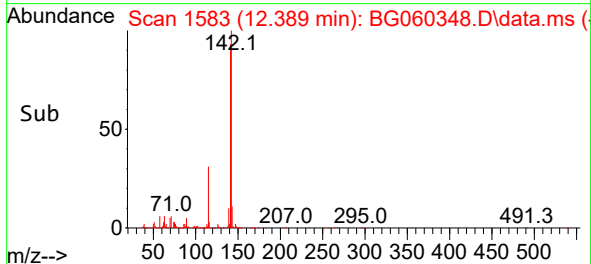
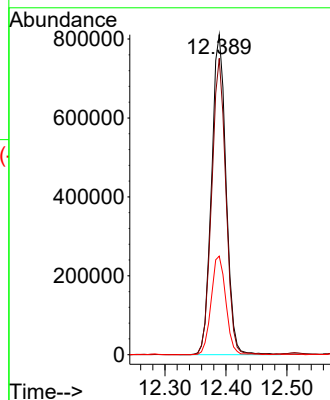
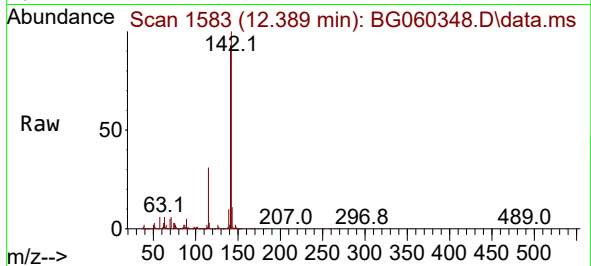
Tgt Ion:142 Resp: 1346615

Ion Ratio Lower Upper

142 100

141 92.6 71.0 106.4

115 30.8 24.7 37.1



#38

1-Methylnaphthalene

Concen: 38.008 ng

RT: 12.606 min Scan# 1620

Delta R.T. -0.006 min

Lab File: BG060348.D

Acq: 17 Jan 2024 18:29

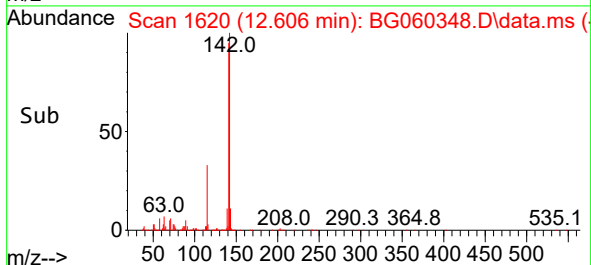
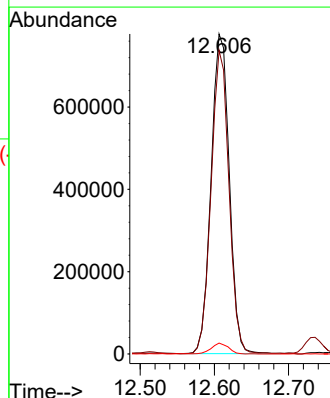
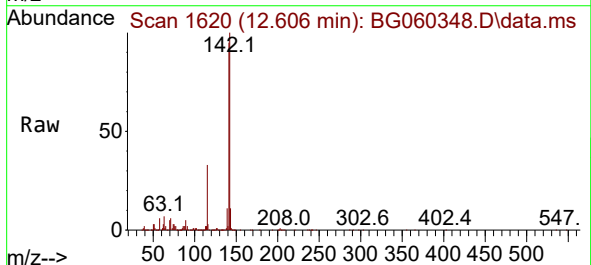
Tgt Ion:142 Resp: 1320612

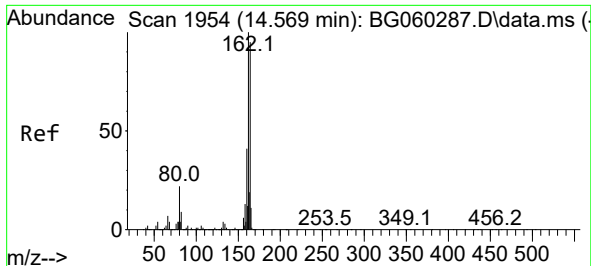
Ion Ratio Lower Upper

142 100

141 94.8 76.2 114.2

116 3.4 2.6 3.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.563 min Scan# 1953

Delta R.T. -0.006 min

Lab File: BG060348.D

Acq: 17 Jan 2024 18:29

Instrument :

BNA\_G

ClientSampleId :

BB-TESTPITMSD

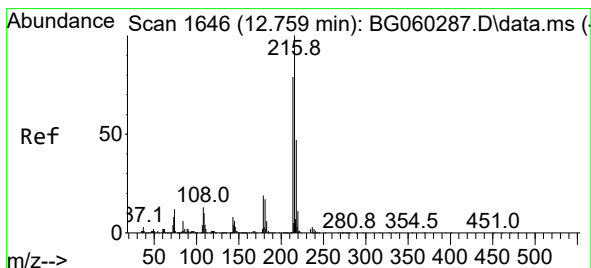
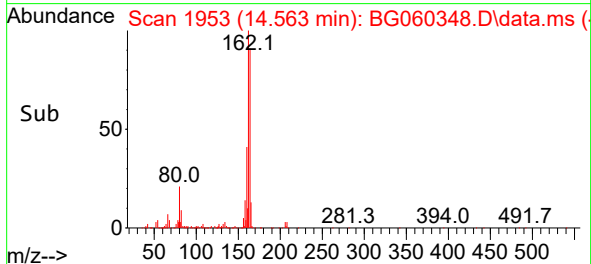
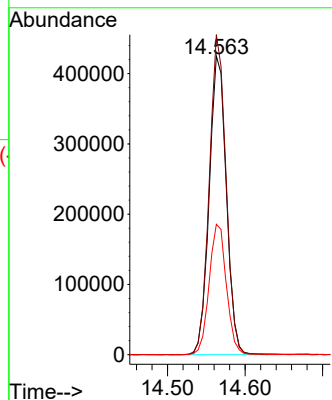
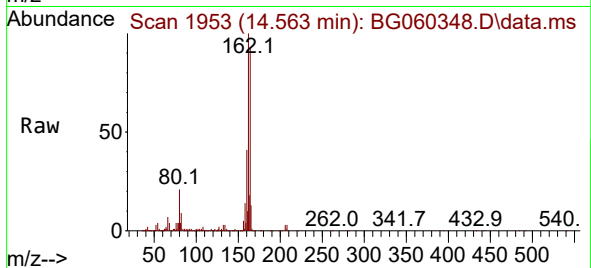
Tgt Ion:164 Resp: 652574

Ion Ratio Lower Upper

164 100

162 107.1 84.4 126.6

160 43.6 34.6 52.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.781 ng

RT: 12.753 min Scan# 1645

Delta R.T. -0.006 min

Lab File: BG060348.D

Acq: 17 Jan 2024 18:29

Tgt Ion:216 Resp: 945164

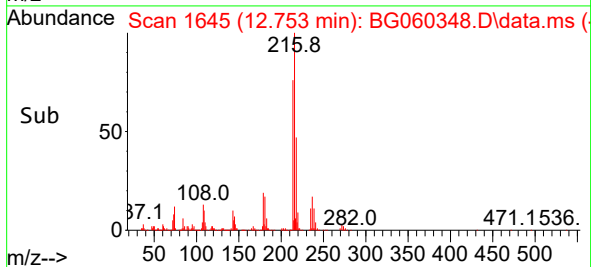
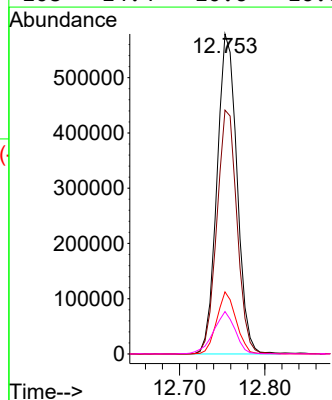
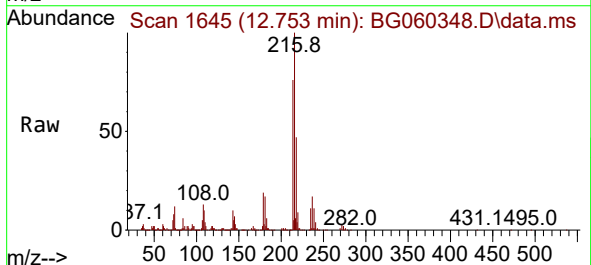
Ion Ratio Lower Upper

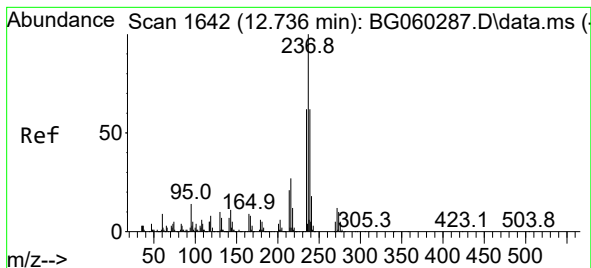
216 100

214 76.8 62.6 93.8

179 18.8 14.8 22.2

108 14.4 10.6 16.0

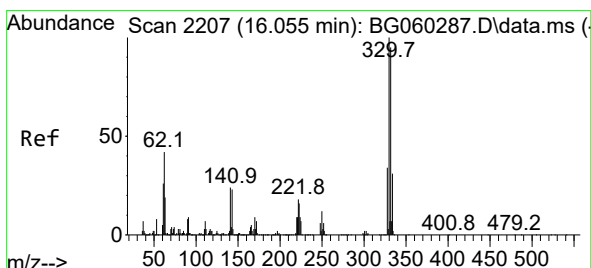
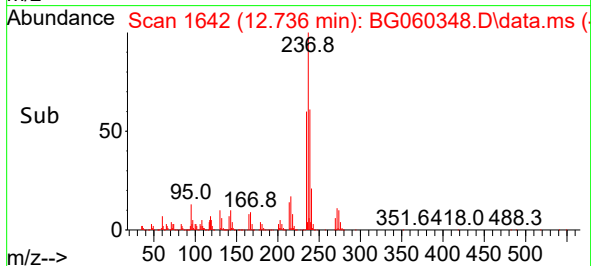
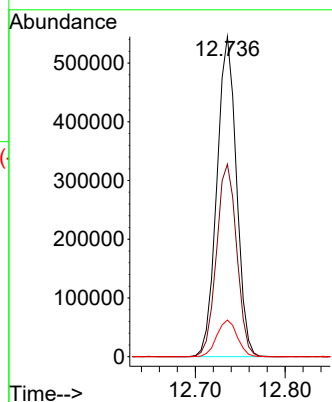
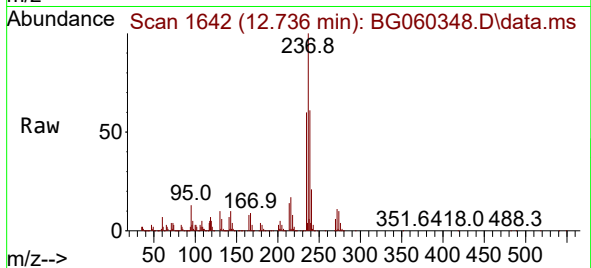




#41  
Hexachlorocyclopentadiene  
Concen: 107.039 ng  
RT: 12.736 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

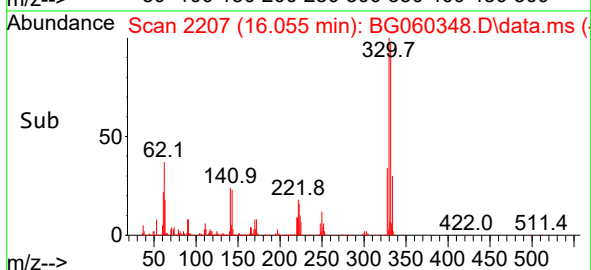
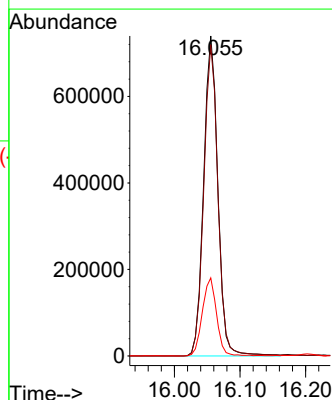
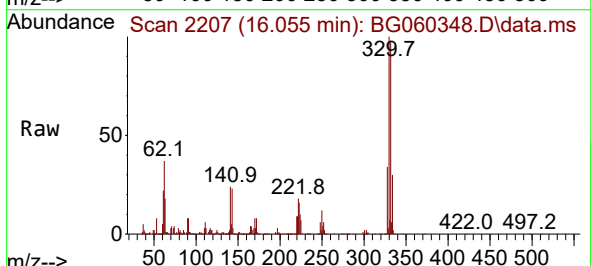
Instrument :  
BNA\_G  
ClientSampleId :  
BB-TESTPITMSD

Tgt Ion:237 Resp: 823633  
Ion Ratio Lower Upper  
237 100  
235 60.2 41.6 81.6  
272 11.5 0.0 31.8

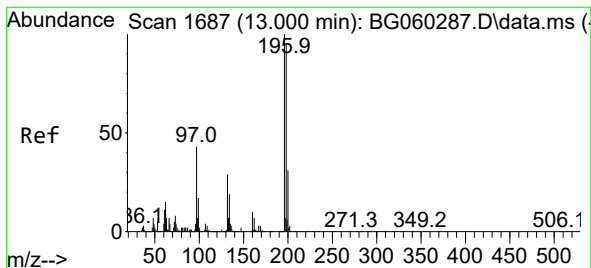


#42  
2,4,6-Tribromophenol  
Concen: 116.360 ng  
RT: 16.055 min Scan# 2207  
Delta R.T. -0.000 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

Tgt Ion:330 Resp: 1117200  
Ion Ratio Lower Upper  
330 100  
332 97.1 76.7 115.1  
141 24.5 18.6 28.0







#43

2,4,6-Trichlorophenol

Concen: 42.637 ng

RT: 12.994 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG060348.D

Acq: 17 Jan 2024 18:29

Instrument :

BNA\_G

ClientSampleId :

BB-TESTPITMSD

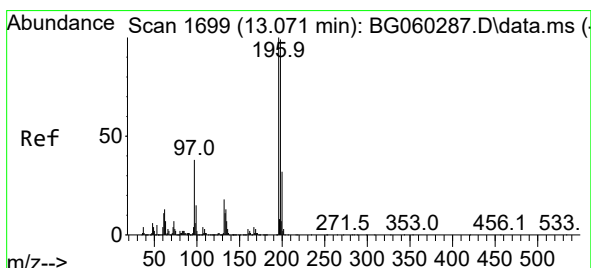
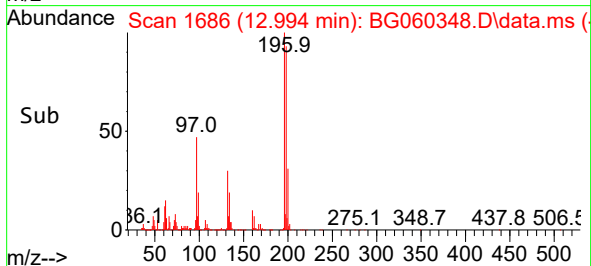
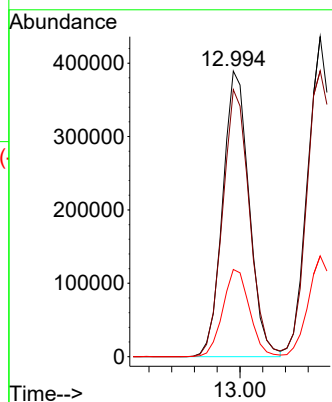
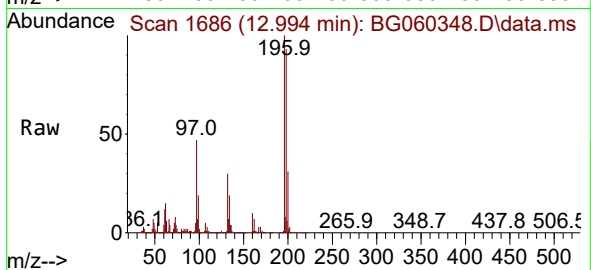
Tgt Ion:196 Resp: 628865

Ion Ratio Lower Upper

196 100

198 93.5 75.7 113.5

200 30.5 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 42.608 ng

RT: 13.071 min Scan# 1699

Delta R.T. -0.000 min

Lab File: BG060348.D

Acq: 17 Jan 2024 18:29

Tgt Ion:196 Resp: 693152

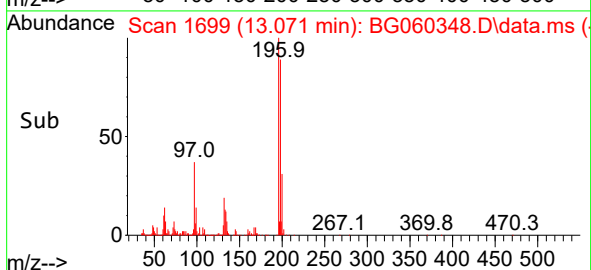
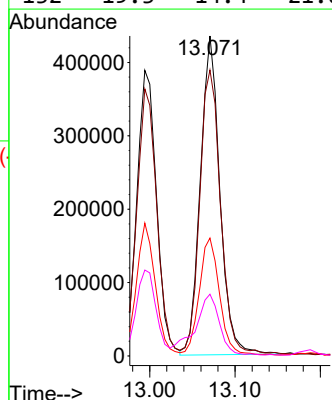
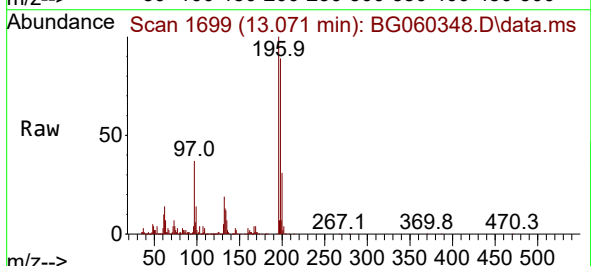
Ion Ratio Lower Upper

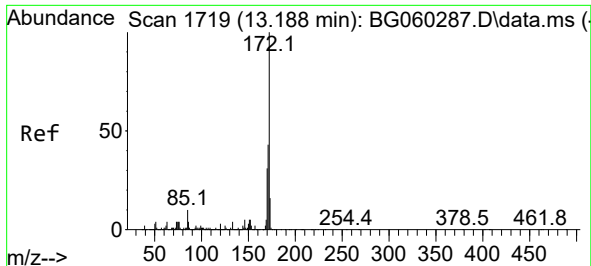
196 100

198 89.4 78.6 118.0

97 36.9 30.6 46.0

132 19.3 14.4 21.6

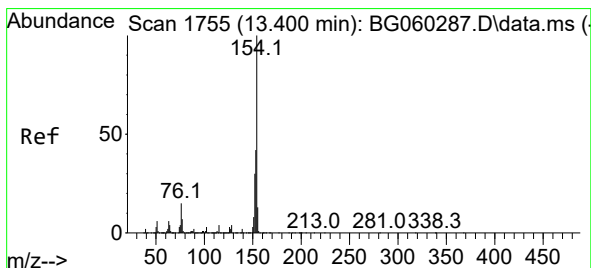
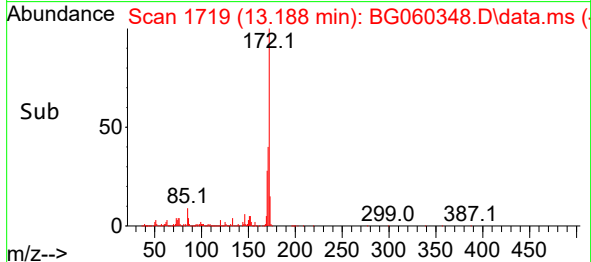
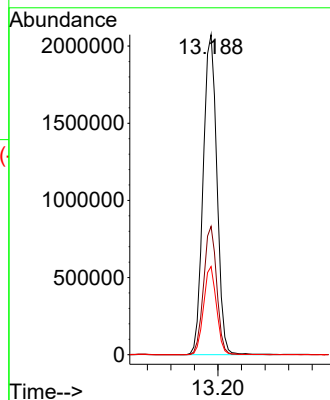
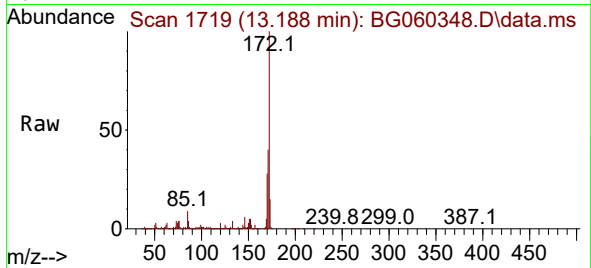




#45  
2-Fluorobiphenyl  
Concen: 71.631 ng  
RT: 13.188 min Scan# 1719  
Delta R.T. -0.000 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

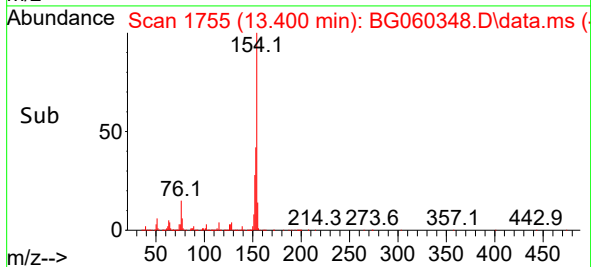
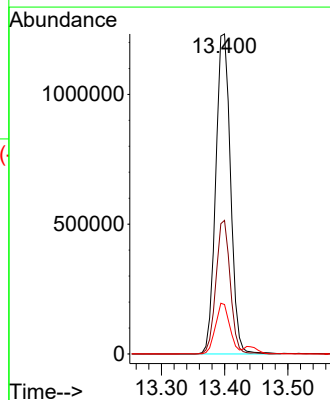
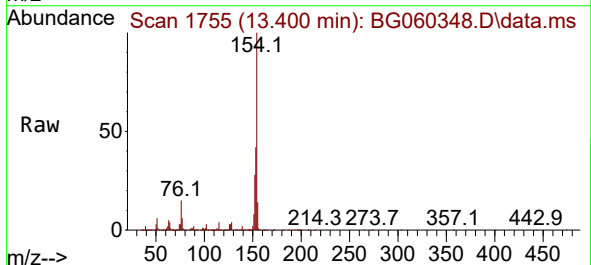
Instrument :  
BNA\_G  
ClientSampleId :  
BB-TESTPITMSD

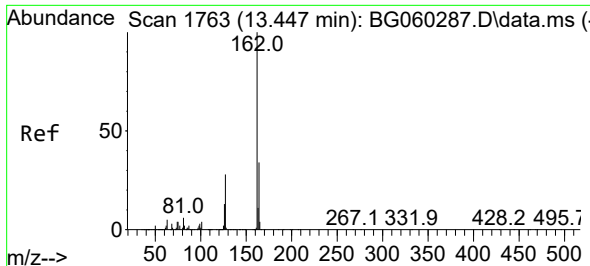
Tgt Ion:172 Resp: 3362158  
Ion Ratio Lower Upper  
172 100  
171 40.1 34.6 51.8  
170 27.6 24.4 36.6



#46  
1,1'-Biphenyl  
Concen: 40.762 ng  
RT: 13.400 min Scan# 1755  
Delta R.T. -0.000 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

Tgt Ion:154 Resp: 2007893  
Ion Ratio Lower Upper  
154 100  
153 41.7 22.0 62.0  
76 15.5 0.0 35.2

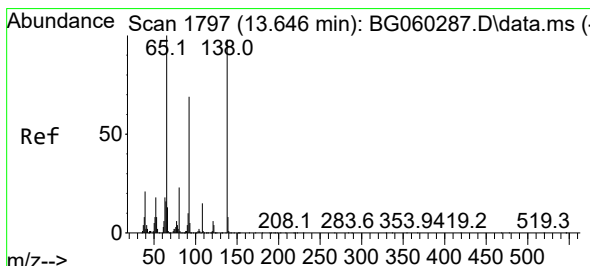
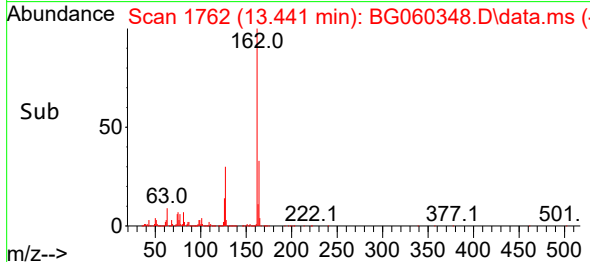
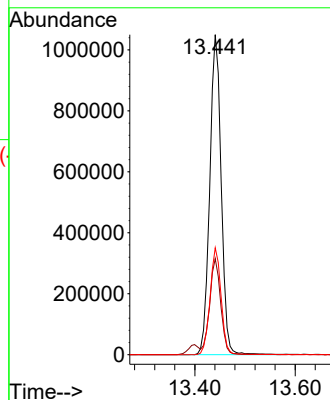
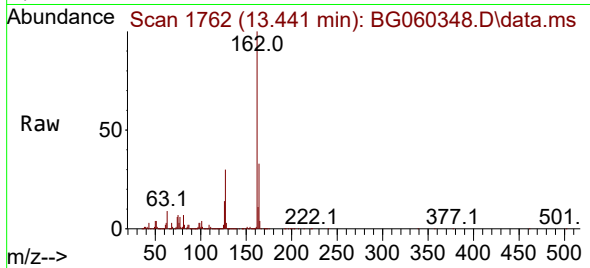




#47  
2-Chloronaphthalene  
Concen: 39.394 ng  
RT: 13.441 min Scan# 1762  
Delta R.T. -0.006 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

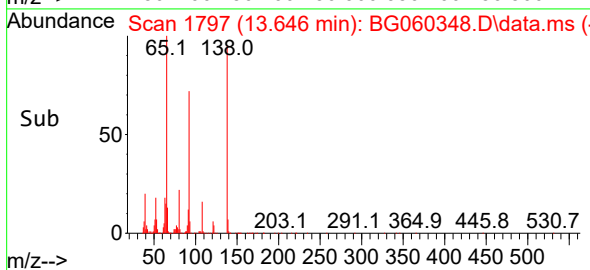
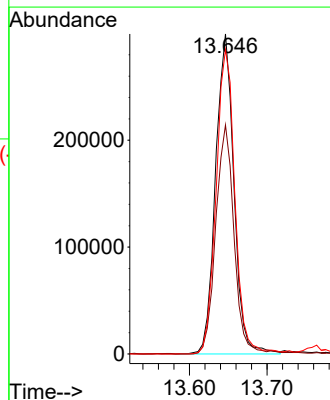
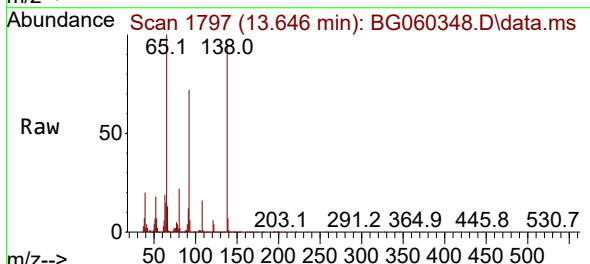
Instrument :  
BNA\_G  
ClientSampleId :  
BB-TESTPITMSD

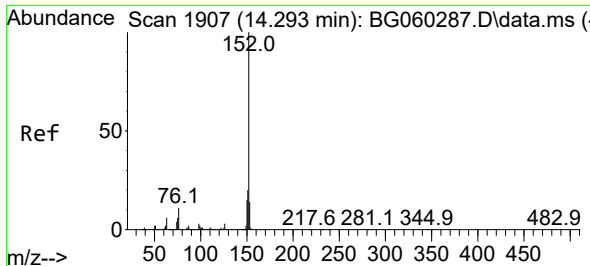
Tgt Ion:162 Resp: 1662399  
Ion Ratio Lower Upper  
162 100  
127 30.0 23.5 35.3  
164 33.4 26.9 40.3



#48  
2-Nitroaniline  
Concen: 46.930 ng  
RT: 13.646 min Scan# 1797  
Delta R.T. 0.000 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

Tgt Ion: 65 Resp: 493196  
Ion Ratio Lower Upper  
65 100  
92 71.6 55.0 82.6  
138 95.2 78.1 117.1

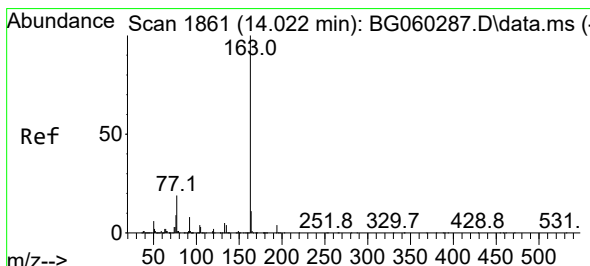
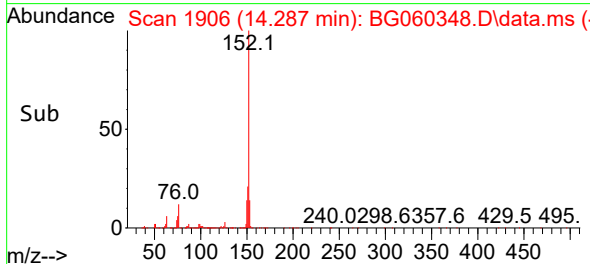
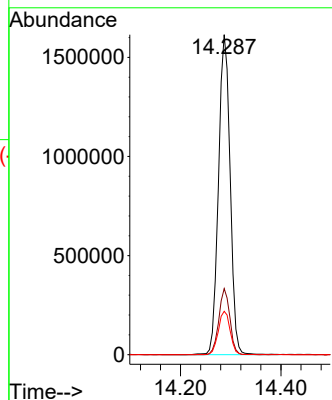
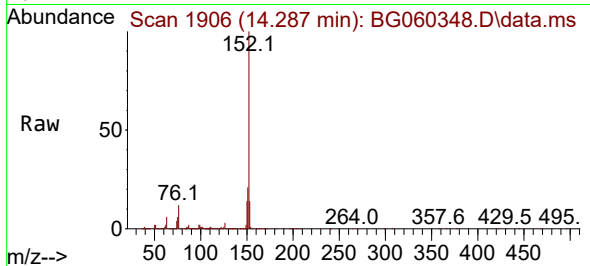




#49  
Acenaphthylene  
Concen: 44.600 ng  
RT: 14.287 min Scan# 1906  
Delta R.T. -0.006 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

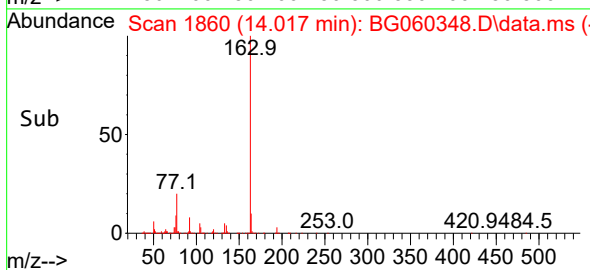
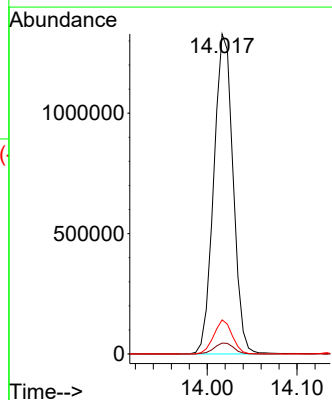
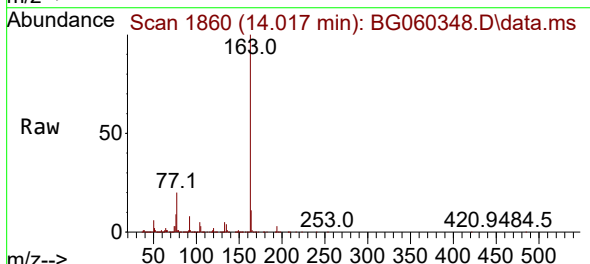
Instrument :  
BNA\_G  
ClientSampleId :  
BB-TESTPITMSD

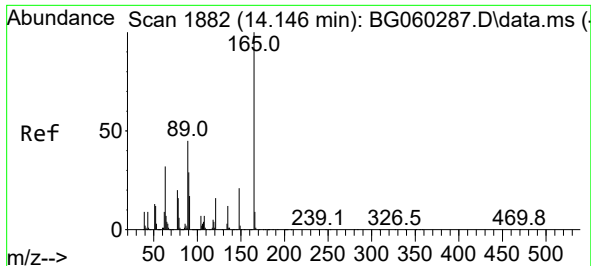
Tgt Ion:152 Resp: 2591774  
Ion Ratio Lower Upper  
152 100  
151 20.7 16.1 24.1  
153 13.6 11.5 17.3



#50  
Dimethylphthalate  
Concen: 39.773 ng  
RT: 14.017 min Scan# 1860  
Delta R.T. -0.006 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

Tgt Ion:163 Resp: 1983399  
Ion Ratio Lower Upper  
163 100  
194 3.4 3.0 4.4  
164 10.6 8.8 13.2

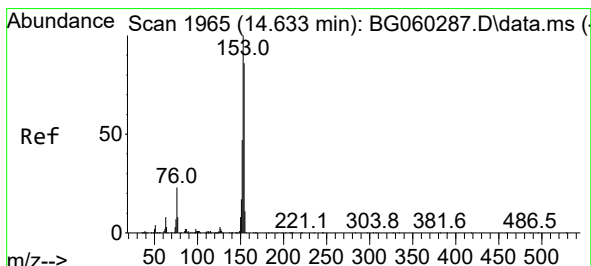
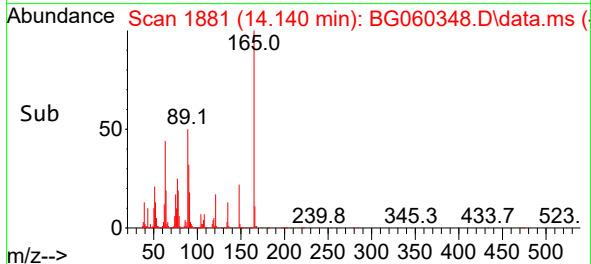
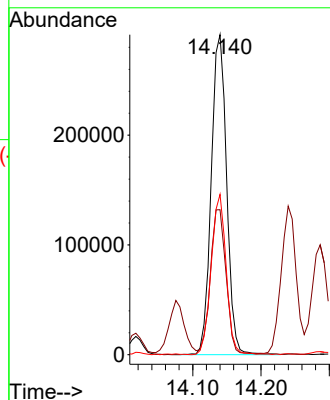
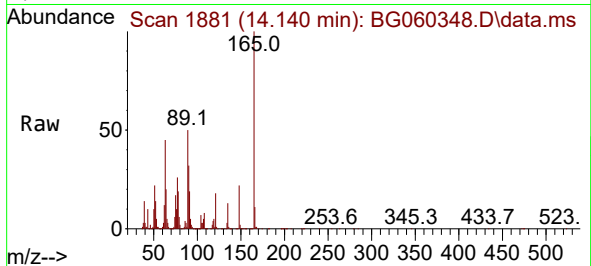




#51  
2,6-Dinitrotoluene  
Concen: 43.039 ng  
RT: 14.140 min Scan# 1882  
Delta R.T. -0.006 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

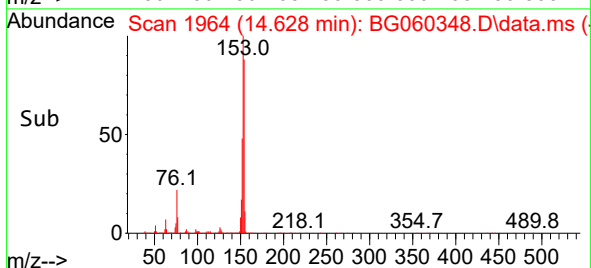
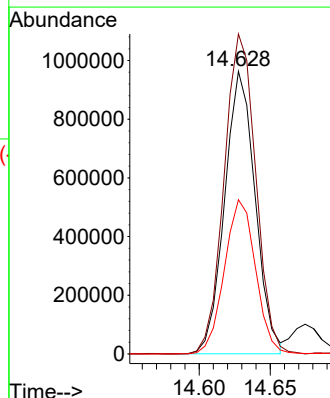
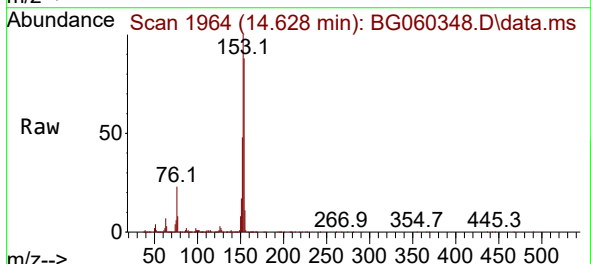
Instrument :  
BNA\_G  
ClientSampleId :  
BB-TESTPITMSD

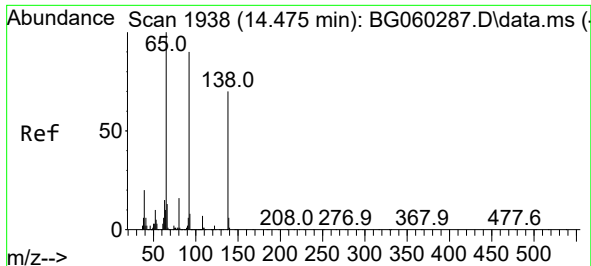
Tgt Ion:165 Resp: 457976  
Ion Ratio Lower Upper  
165 100  
63 45.3 35.0 52.4  
89 50.1 36.2 54.2



#52  
Acenaphthene  
Concen: 39.793 ng  
RT: 14.628 min Scan# 1964  
Delta R.T. -0.005 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

Tgt Ion:154 Resp: 1439891  
Ion Ratio Lower Upper  
154 100  
153 113.2 92.6 138.8  
152 54.6 43.8 65.8

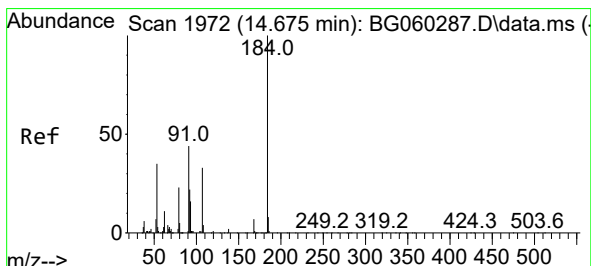
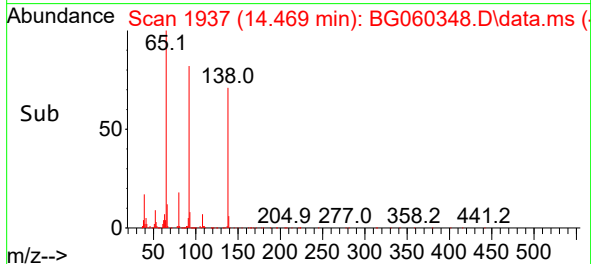
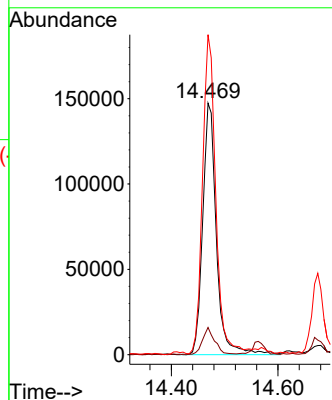
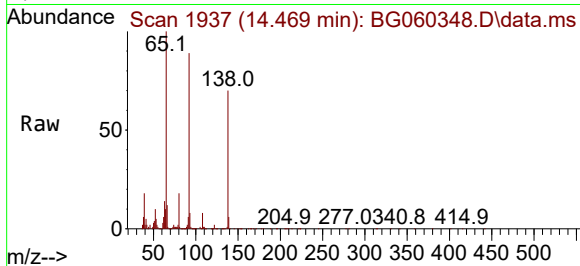




#53  
3-Nitroaniline  
Concen: 27.062 ng  
RT: 14.469 min Scan# 1937  
Delta R.T. -0.006 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

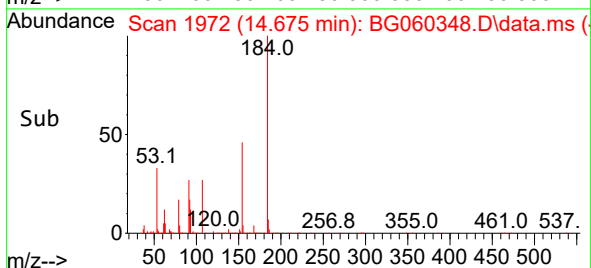
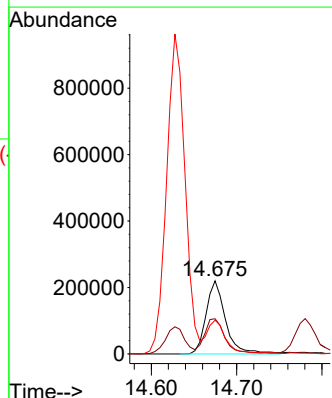
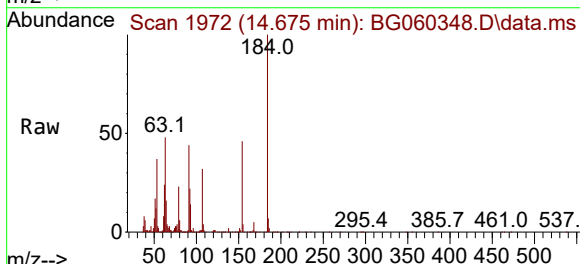
Instrument :  
BNA\_G  
ClientSampleId :  
BB-TESTPITMSD

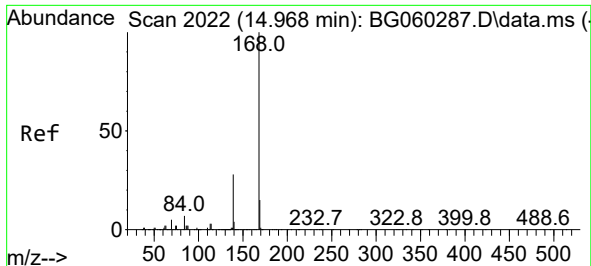
Tgt Ion:138 Resp: 262391  
Ion Ratio Lower Upper  
138 100  
108 10.8 7.8 11.8  
92 127.2 102.4 153.6



#54  
2,4-Dinitrophenol  
Concen: 56.947 ng  
RT: 14.675 min Scan# 1972  
Delta R.T. -0.000 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

Tgt Ion:184 Resp: 349522  
Ion Ratio Lower Upper  
184 100  
63 48.1 41.0 61.4  
154 46.1 39.2 58.8

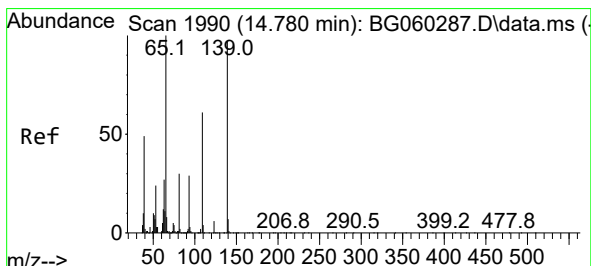
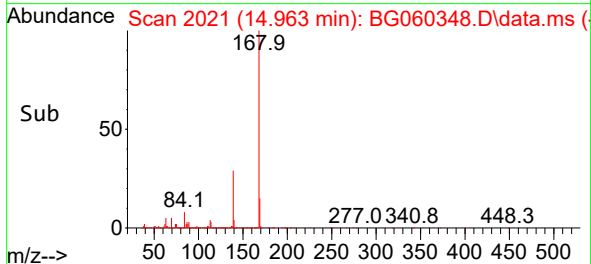
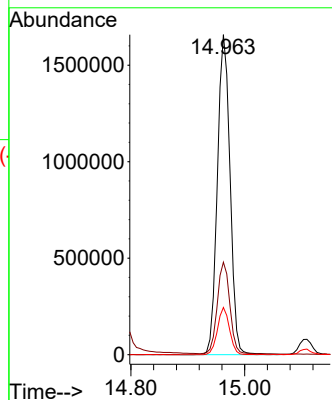
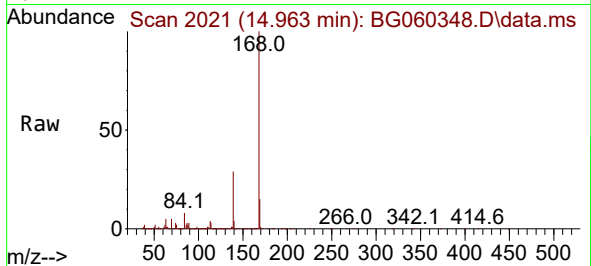




#55  
Dibenzenofuran  
Concen: 42.370 ng  
RT: 14.963 min Scan# 20  
Delta R.T. -0.005 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

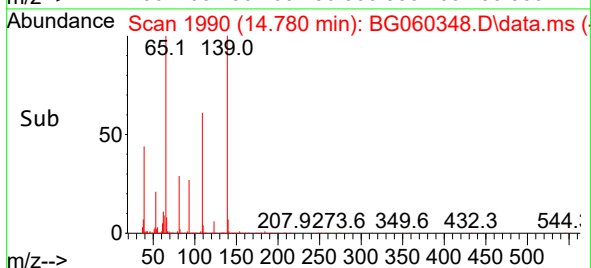
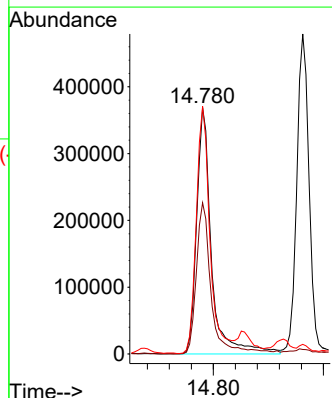
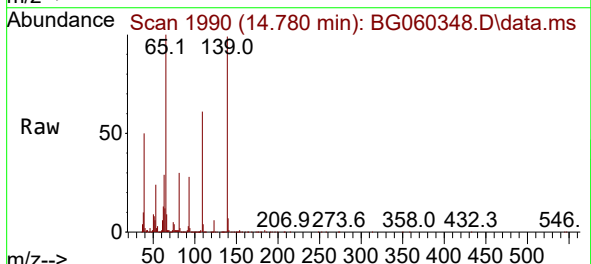
Instrument :  
BNA\_G  
ClientSampleId :  
BB-TESTPITMSD

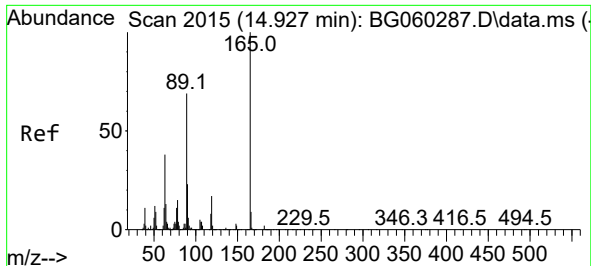
Tgt Ion:168 Resp: 2559336  
Ion Ratio Lower Upper  
168 100  
139 28.9 22.6 34.0  
169 14.7 12.1 18.1



#56  
4-Nitrophenol  
Concen: 95.819 ng  
RT: 14.780 min Scan# 1990  
Delta R.T. -0.000 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

Tgt Ion:139 Resp: 689121  
Ion Ratio Lower Upper  
139 100  
109 61.4 42.2 82.2  
65 100.5 83.3 123.3





#57

2,4-Dinitrotoluene

Concen: 44.046 ng

RT: 14.927 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BG060348.D

Acq: 17 Jan 2024 18:29

Instrument :

BNA\_G

ClientSampleId :

BB-TESTPITMSD

Tgt Ion:165 Resp: 642709

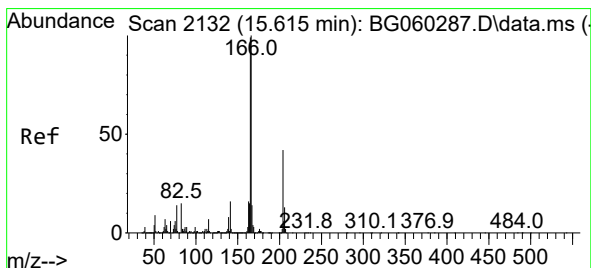
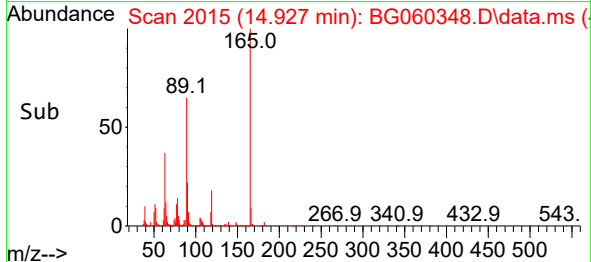
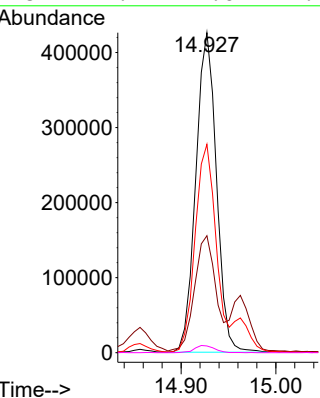
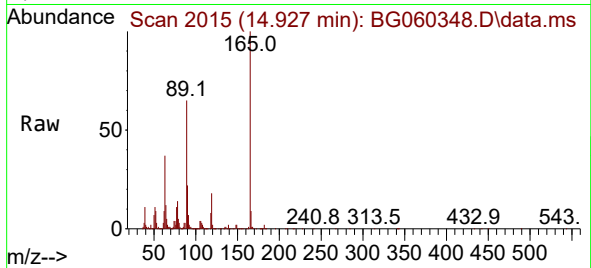
Ion Ratio Lower Upper

165 100

63 36.6 30.4 45.6

89 65.1 55.4 83.0

182 2.1 1.6 2.4



#58

Fluorene

Concen: 41.792 ng

RT: 15.615 min Scan# 2132

Delta R.T. 0.000 min

Lab File: BG060348.D

Acq: 17 Jan 2024 18:29

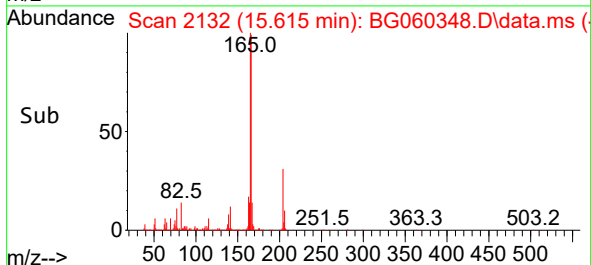
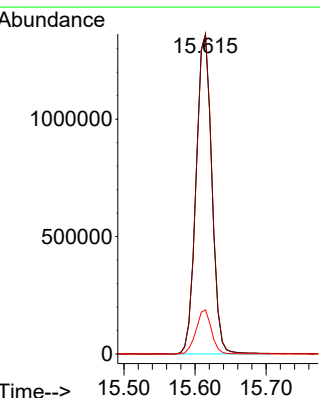
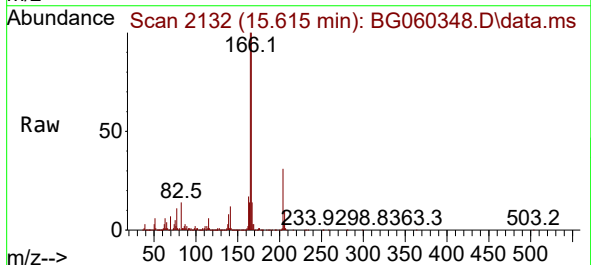
Tgt Ion:166 Resp: 2090558

Ion Ratio Lower Upper

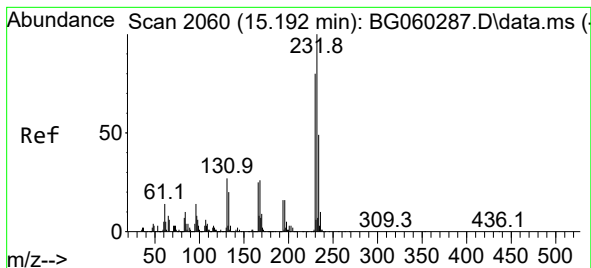
166 100

165 100.1 79.0 118.6

167 13.8 11.4 17.0



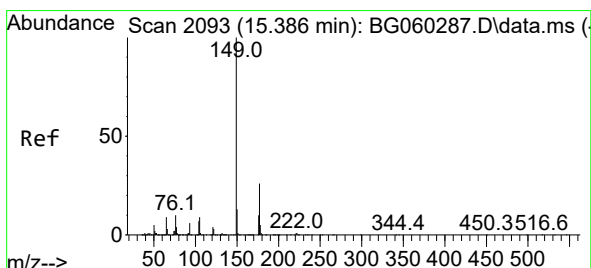
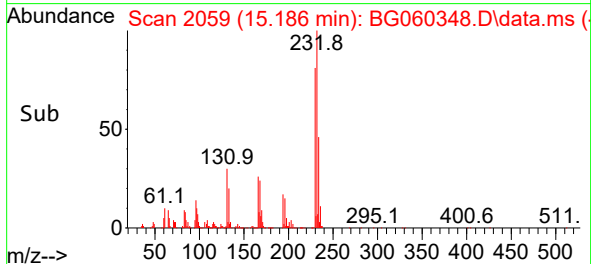
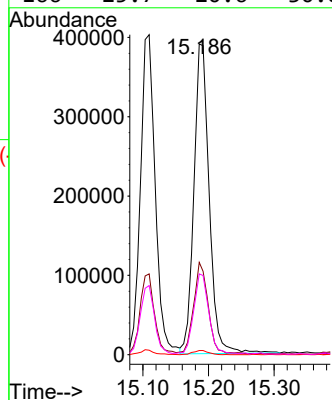
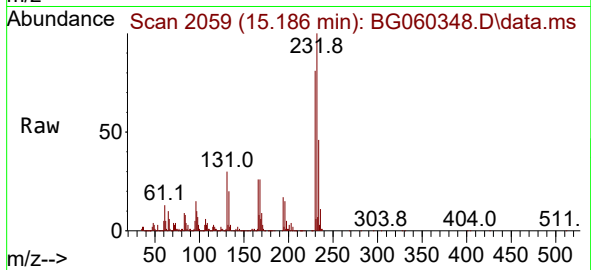




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 45.954 ng  
RT: 15.186 min Scan# 2060  
Delta R.T. -0.006 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

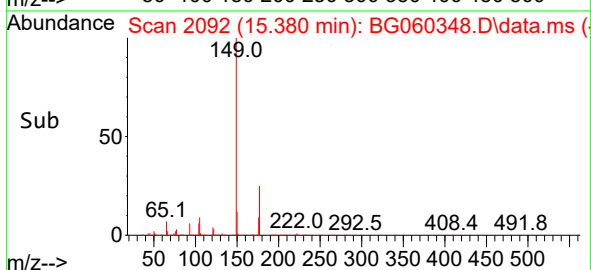
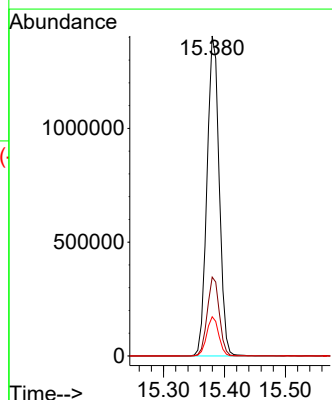
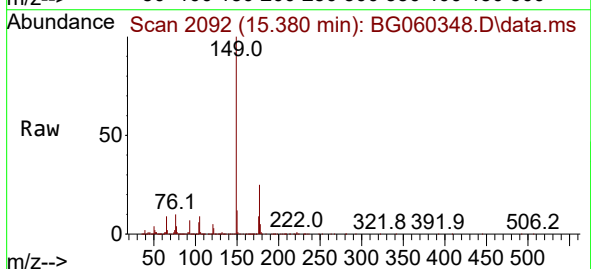
Instrument :  
BNA\_G  
ClientSampleId :  
BB-TESTPITMSD

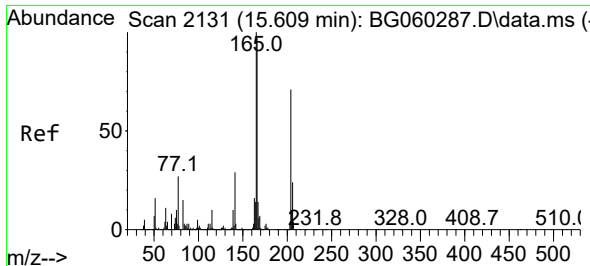
Tgt Ion:232 Resp: 634822  
Ion Ratio Lower Upper  
232 100  
131 27.9 22.7 34.1  
130 1.4 1.1 1.7  
166 25.7 20.6 30.8



#60  
Diethylphthalate  
Concen: 40.885 ng  
RT: 15.380 min Scan# 2092  
Delta R.T. -0.006 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

Tgt Ion:149 Resp: 1957378  
Ion Ratio Lower Upper  
149 100  
177 24.7 20.9 31.3  
150 12.3 10.2 15.2

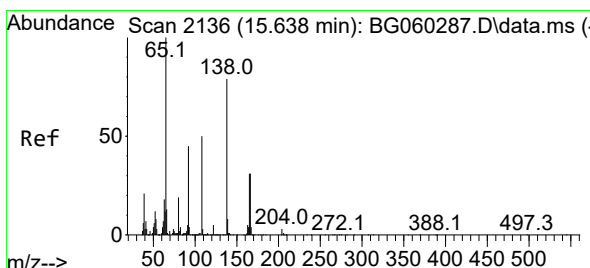
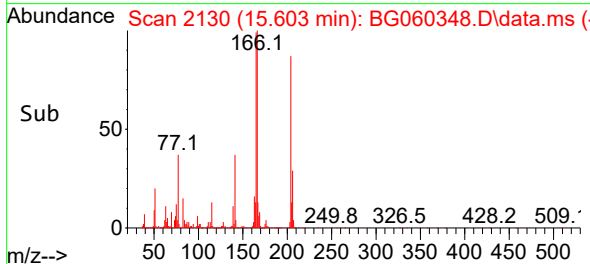
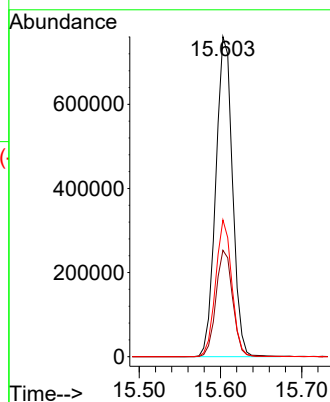
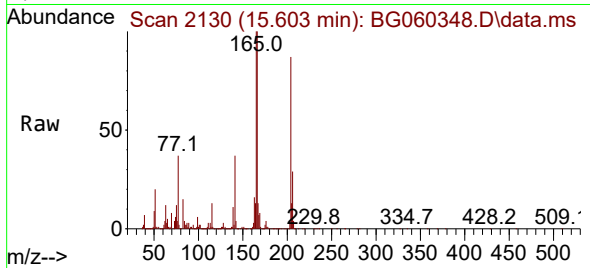




#61  
4-Chlorophenyl-phenylether  
Concen: 39.520 ng  
RT: 15.603 min Scan# 2130  
Delta R.T. -0.006 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

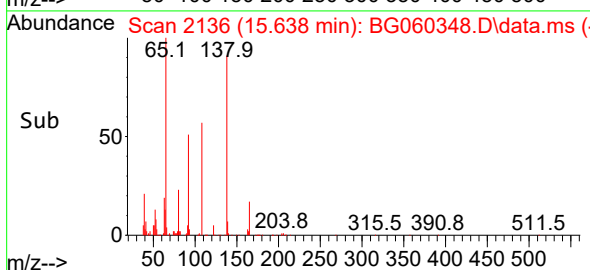
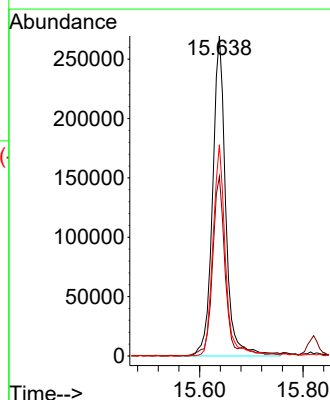
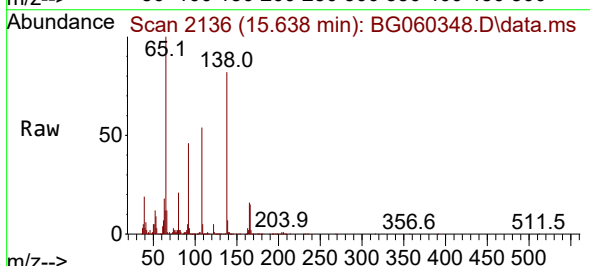
Instrument :  
BNA\_G  
ClientSampleId :  
BB-TESTPITMSD

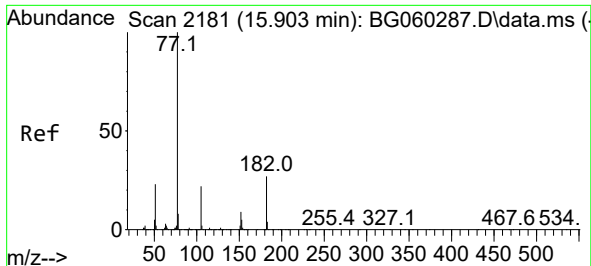
Tgt Ion:204 Resp: 1089006  
Ion Ratio Lower Upper  
204 100  
206 33.3 27.1 40.7  
141 42.8 32.2 48.2



#62  
4-Nitroaniline  
Concen: 46.037 ng  
RT: 15.638 min Scan# 2136  
Delta R.T. 0.000 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

Tgt Ion:138 Resp: 475083  
Ion Ratio Lower Upper  
138 100  
92 56.1 37.0 77.0  
108 66.0 43.1 83.1

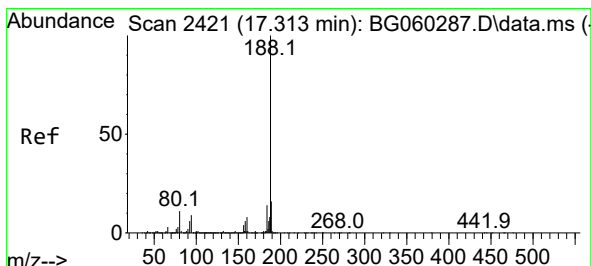
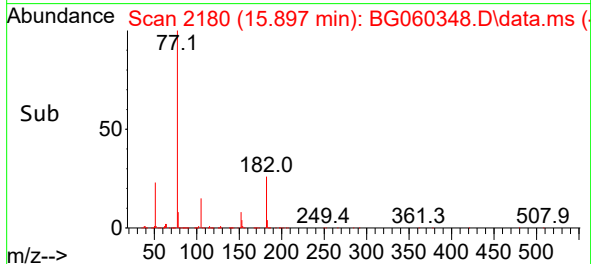
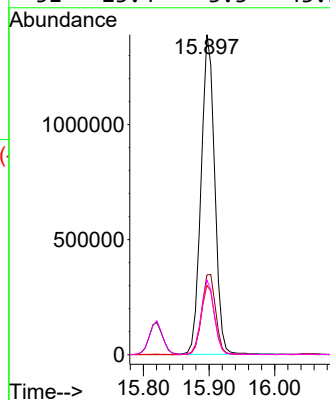
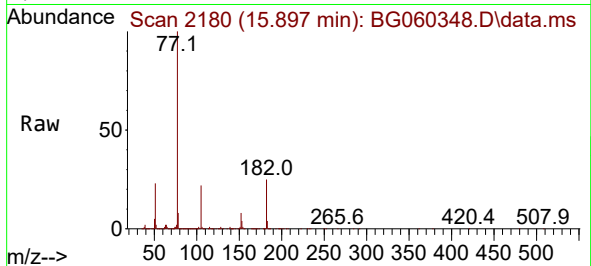




#63  
Azobenzene  
Concen: 41.460 ng  
RT: 15.897 min Scan# 2181  
Delta R.T. -0.006 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

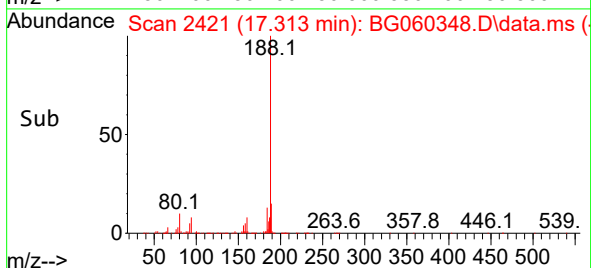
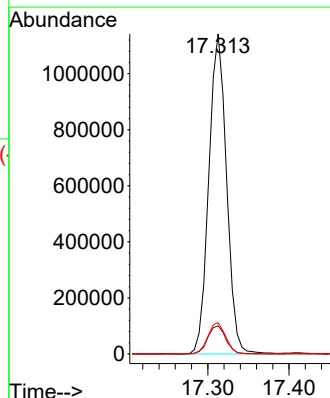
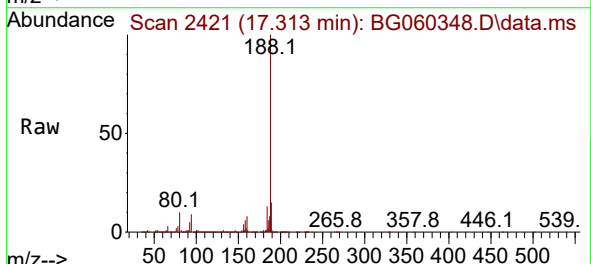
Instrument :  
BNA\_G  
ClientSampleId :  
BB-TESTPITMSD

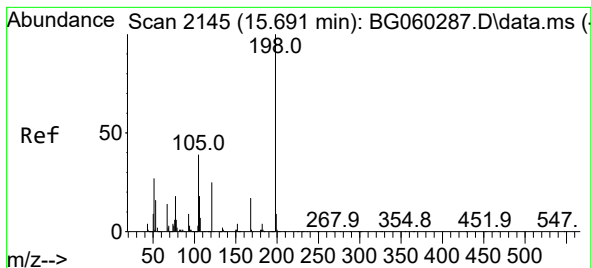
Tgt Ion: 77 Resp: 2007597  
Ion Ratio Lower Upper  
77 100  
182 24.9 6.5 46.5  
105 21.7 1.8 41.8  
51 23.4 3.3 43.3



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.313 min Scan# 2421  
Delta R.T. -0.000 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

Tgt Ion:188 Resp: 1730406  
Ion Ratio Lower Upper  
188 100  
94 8.8 7.1 10.7  
80 9.8 8.5 12.7

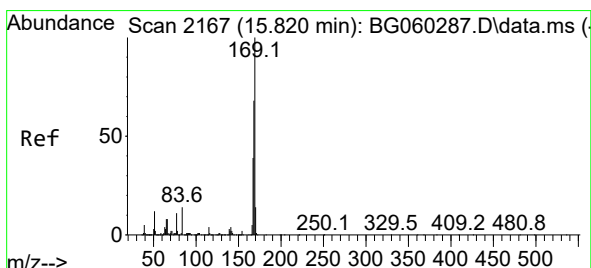
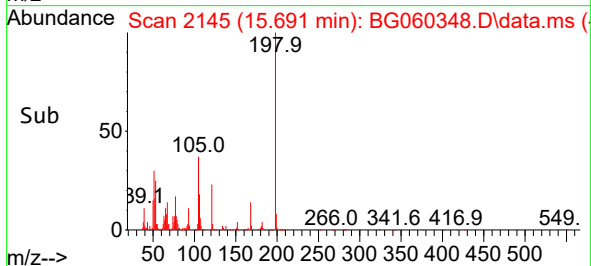
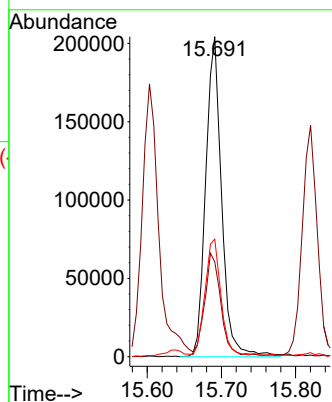
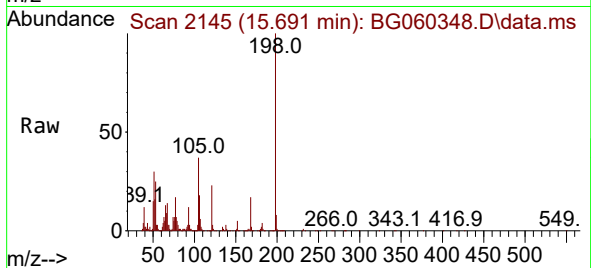




#65  
4,6-Dinitro-2-methylphenol  
Concen: 31.811 ng  
RT: 15.691 min Scan# 2145  
Delta R.T. 0.000 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

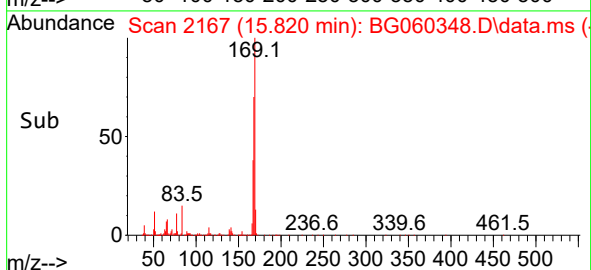
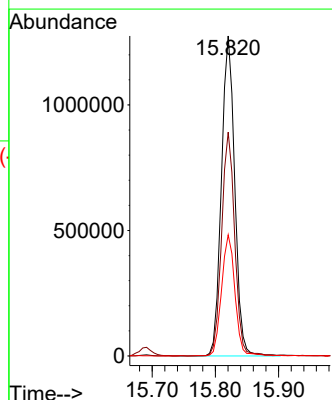
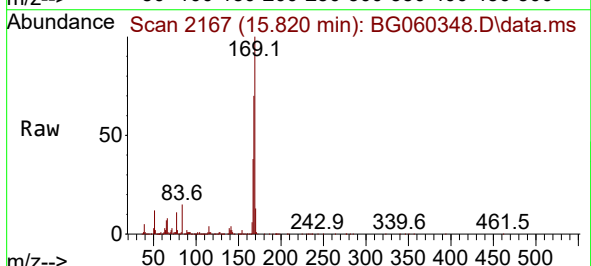
Instrument :  
BNA\_G  
ClientSampleId :  
BB-TESTPITMSD

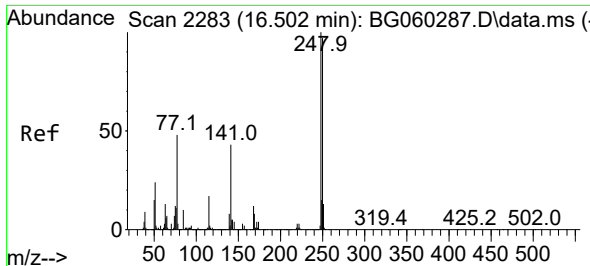
Tgt Ion:198 Resp: 304528  
Ion Ratio Lower Upper  
198 100  
51 29.6 11.8 51.8  
105 36.7 20.3 60.3



#66  
n-Nitrosodiphenylamine  
Concen: 40.662 ng  
RT: 15.820 min Scan# 2167  
Delta R.T. -0.000 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

Tgt Ion:169 Resp: 1868262  
Ion Ratio Lower Upper  
169 100  
168 69.9 54.4 81.6  
167 37.8 31.2 46.8

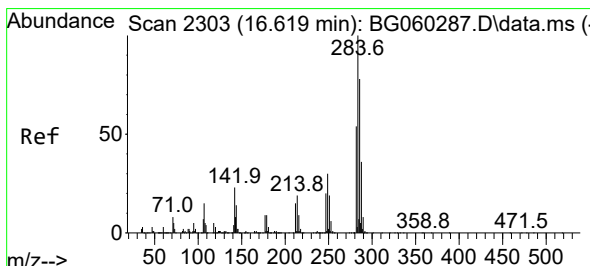
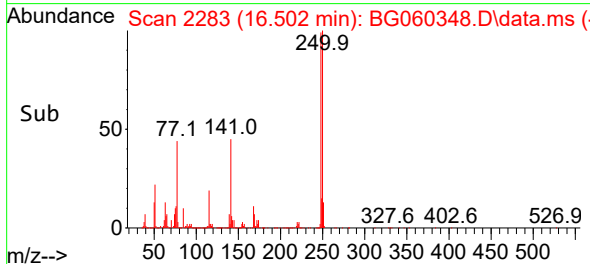
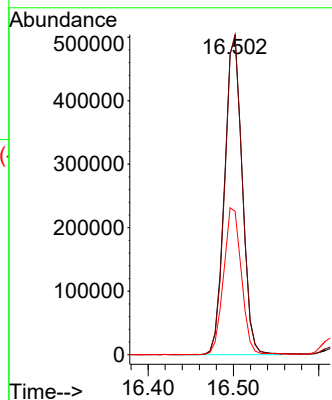
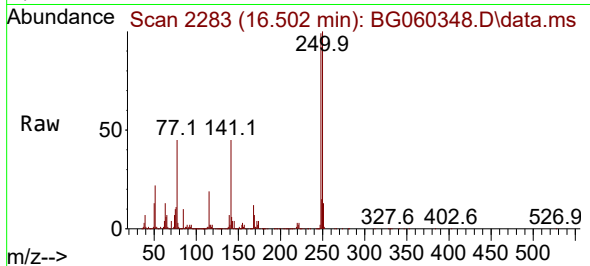




#67  
4-Bromophenyl-phenylether  
Concen: 37.919 ng  
RT: 16.502 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

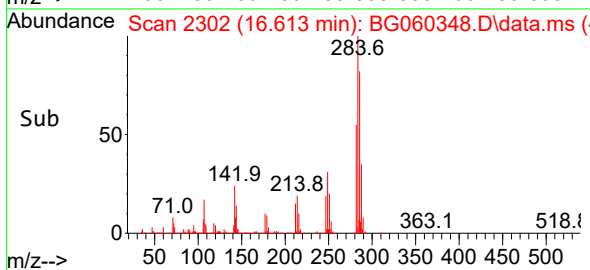
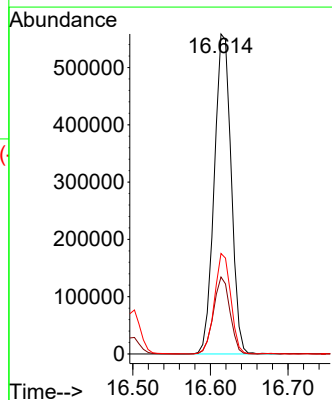
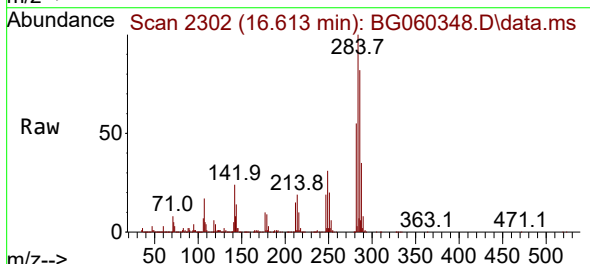
Instrument :  
BNA\_G  
ClientSampleId :  
BB-TESTPITMSD

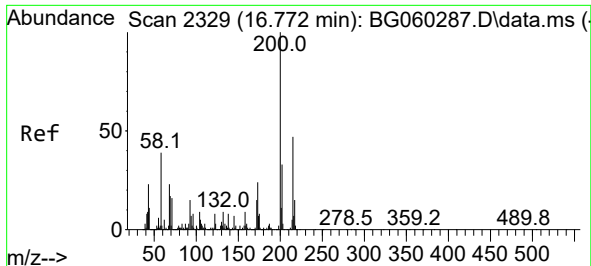
Tgt Ion:248 Resp: 720971  
Ion Ratio Lower Upper  
248 100  
250 100.5 77.6 116.4  
141 45.0 34.2 51.4



#68  
Hexachlorobenzene  
Concen: 37.592 ng  
RT: 16.613 min Scan# 2302  
Delta R.T. -0.006 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

Tgt Ion:284 Resp: 846084  
Ion Ratio Lower Upper  
284 100  
142 24.1 18.2 27.4  
249 31.4 24.3 36.5

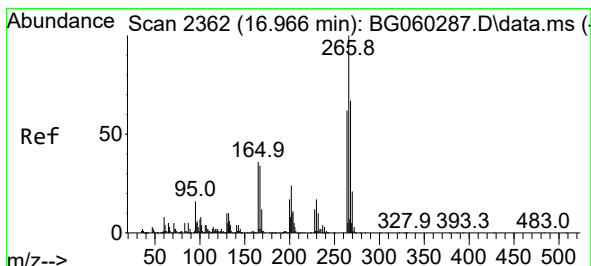
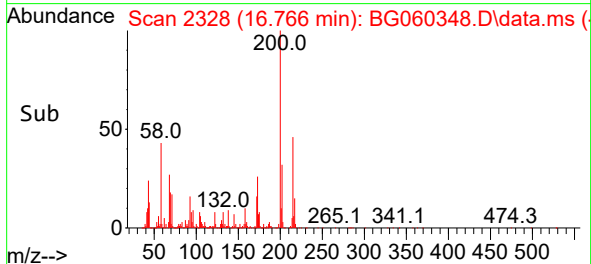
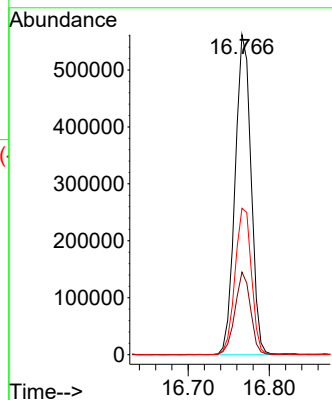
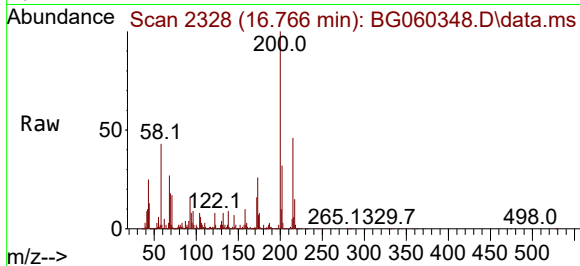




#69  
Atrazine  
Concen: 44.167 ng  
RT: 16.766 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

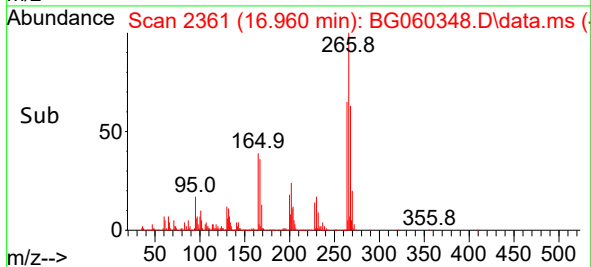
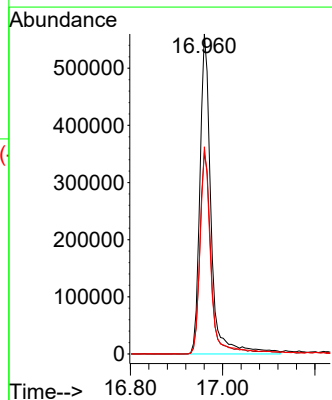
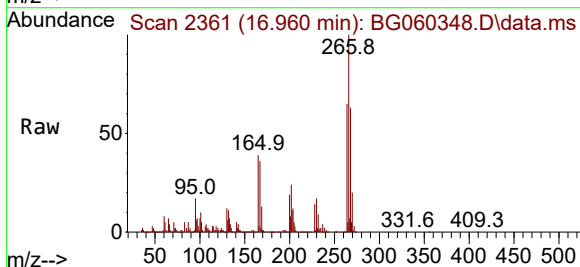
Instrument :  
BNA\_G  
ClientSampleId :  
BB-TESTPITMSD

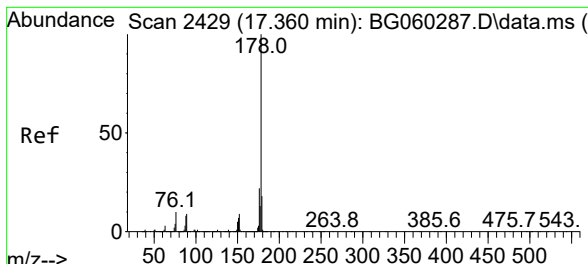
Tgt Ion:200 Resp: 765198  
Ion Ratio Lower Upper  
200 100  
173 25.8 4.1 44.1  
215 45.7 27.4 67.4



#70  
Pentachlorophenol  
Concen: 77.471 ng  
RT: 16.960 min Scan# 2361  
Delta R.T. -0.006 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

Tgt Ion:266 Resp: 939845  
Ion Ratio Lower Upper  
266 100  
268 62.8 57.4 86.2  
264 64.8 49.8 74.8

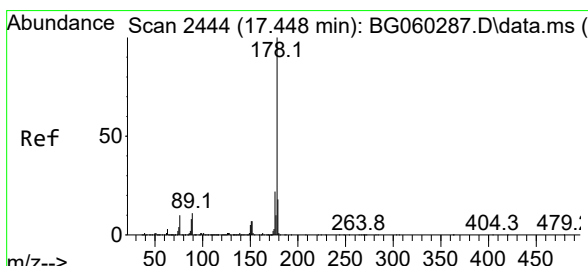
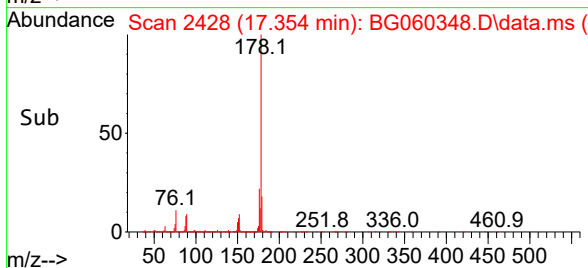
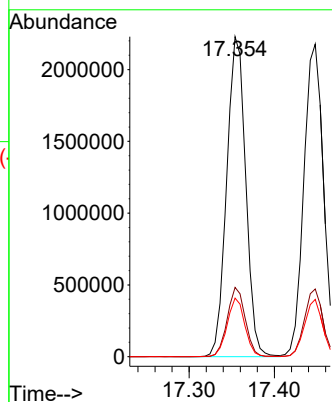
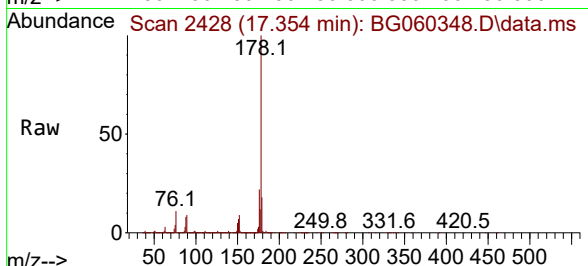




#71  
Phenanthrene  
Concen: 41.312 ng  
RT: 17.354 min Scan# 2429  
Delta R.T. -0.006 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

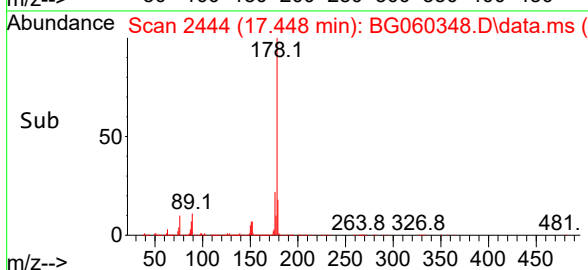
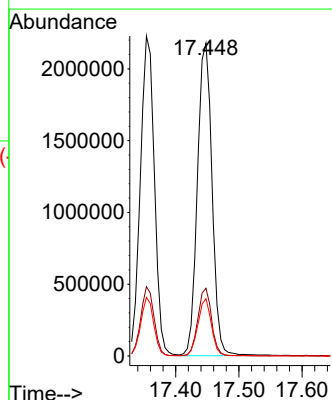
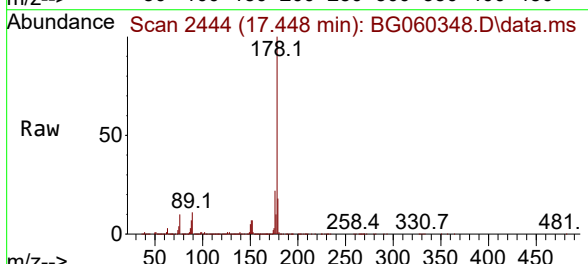
Instrument :  
BNA\_G  
ClientSampleId :  
BB-TESTPITMSD

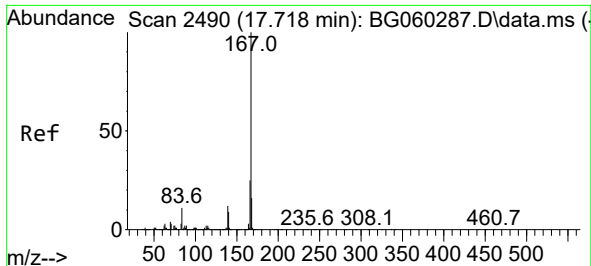
Tgt Ion:178 Resp: 3455350  
Ion Ratio Lower Upper  
178 100  
176 21.6 17.4 26.2  
179 18.3 14.7 22.1



#72  
Anthracene  
Concen: 41.874 ng  
RT: 17.448 min Scan# 2444  
Delta R.T. -0.000 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

Tgt Ion:178 Resp: 3496760  
Ion Ratio Lower Upper  
178 100  
176 21.6 17.8 26.6  
179 18.3 14.1 21.1

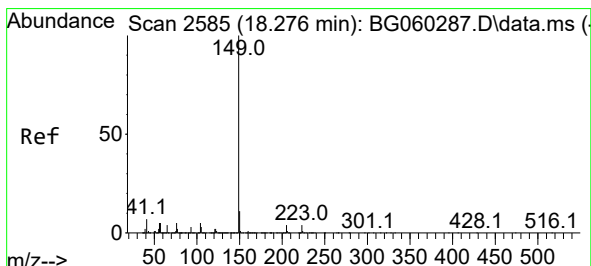
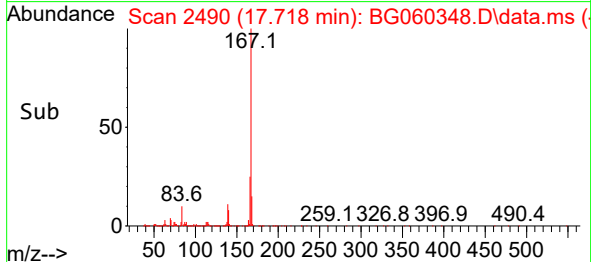
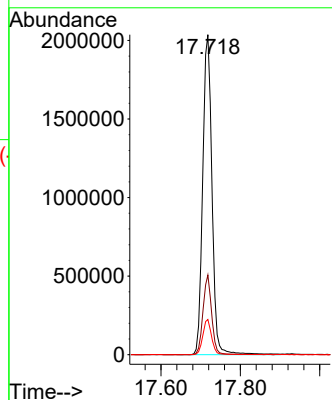
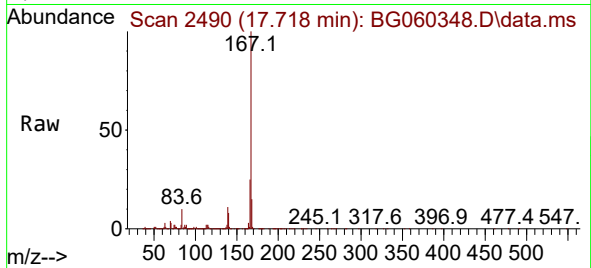




#73  
 Carbazole  
 Concen: 41.963 ng  
 RT: 17.718 min Scan# 2490  
 Delta R.T. 0.000 min  
 Lab File: BG060348.D  
 Acq: 17 Jan 2024 18:29

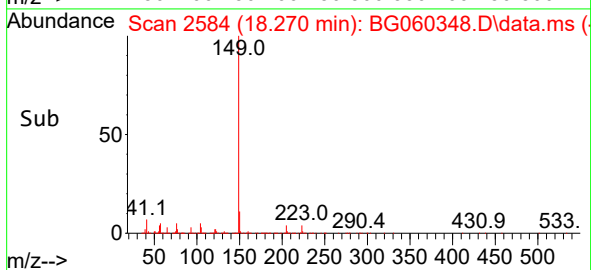
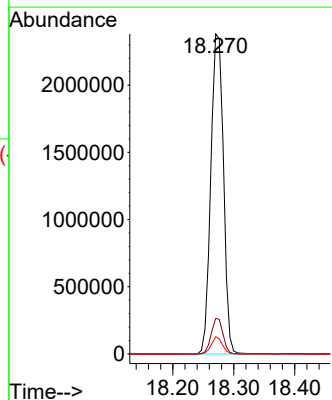
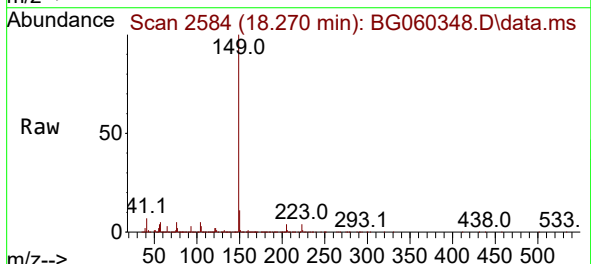
Instrument :  
 BNA\_G  
 ClientSampleId :  
 BB-TESTPITMSD

Tgt Ion:167 Resp: 3303573  
 Ion Ratio Lower Upper  
 167 100  
 166 24.9 19.8 29.8  
 139 11.0 9.3 13.9

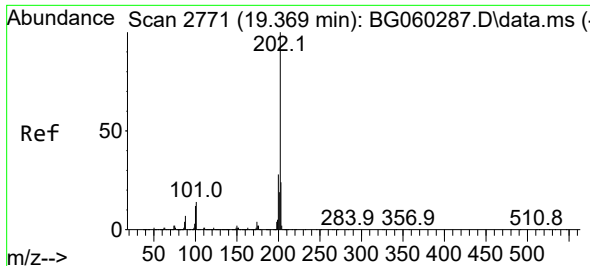


#74  
 Di-n-butylphthalate  
 Concen: 42.488 ng  
 RT: 18.270 min Scan# 2584  
 Delta R.T. -0.006 min  
 Lab File: BG060348.D  
 Acq: 17 Jan 2024 18:29

Tgt Ion:149 Resp: 3441595  
 Ion Ratio Lower Upper  
 149 100  
 150 11.1 9.1 13.7  
 104 5.4 4.3 6.5



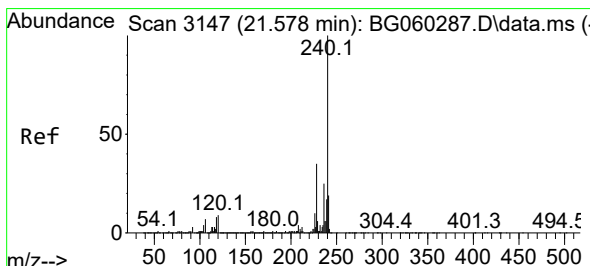
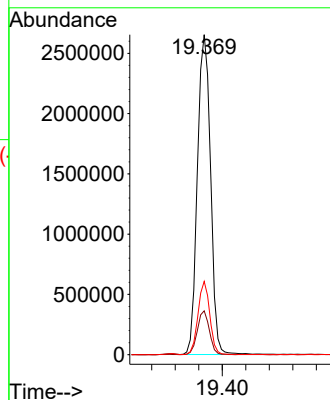
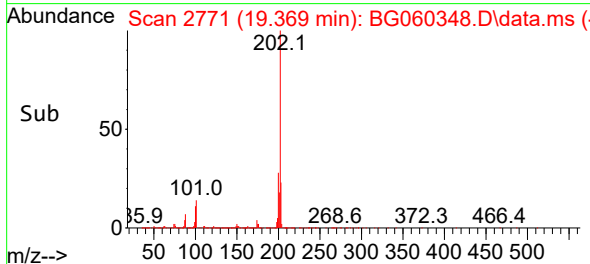
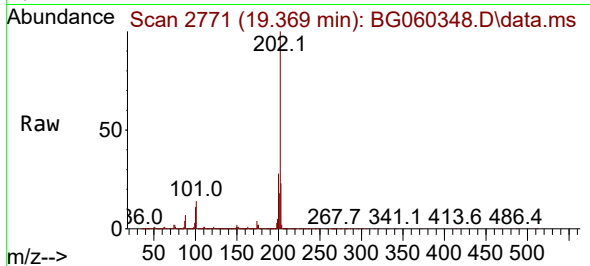




#75  
Fluoranthene  
Concen: 40.955 ng  
RT: 19.369 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

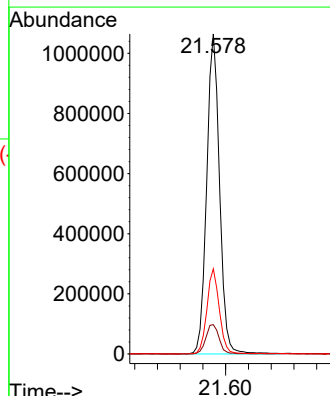
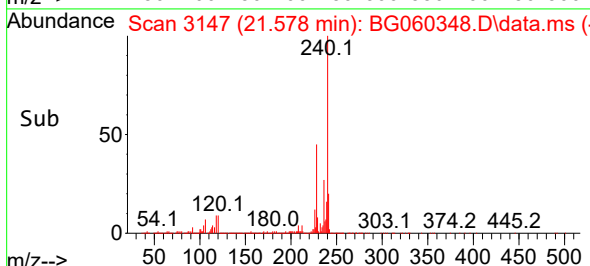
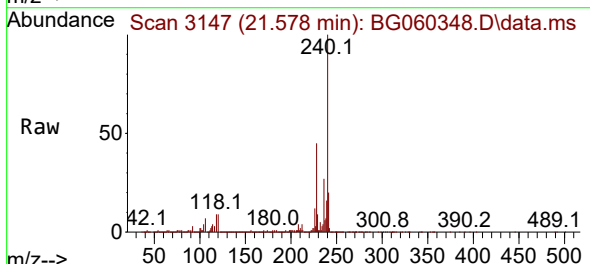
Instrument :  
BNA\_G  
ClientSampleId :  
BB-TESTPITMSD

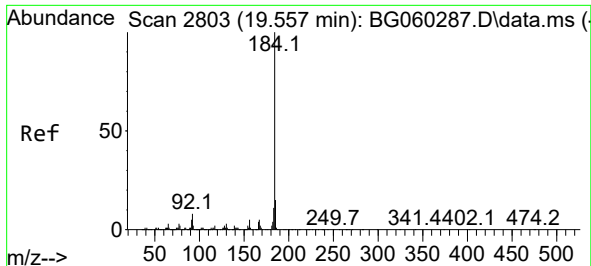
Tgt Ion:202 Resp: 4114329  
Ion Ratio Lower Upper  
202 100  
101 13.7 0.0 34.4  
203 22.9 4.0 44.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.578 min Scan# 3147  
Delta R.T. -0.000 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

Tgt Ion:240 Resp: 1662353  
Ion Ratio Lower Upper  
240 100  
120 9.1 7.3 10.9  
236 26.6 20.3 30.5

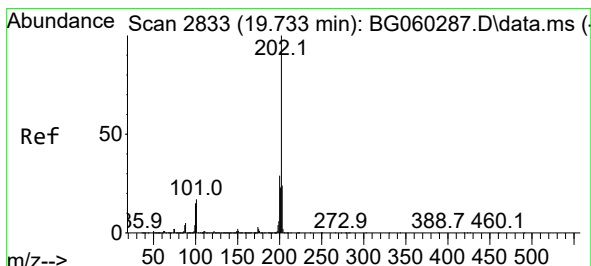
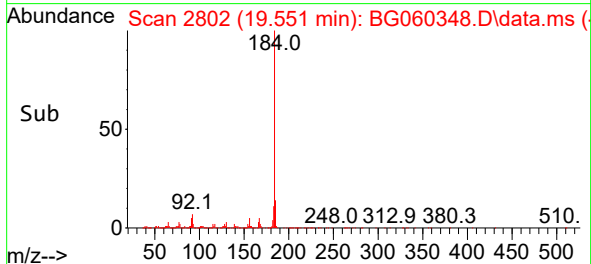
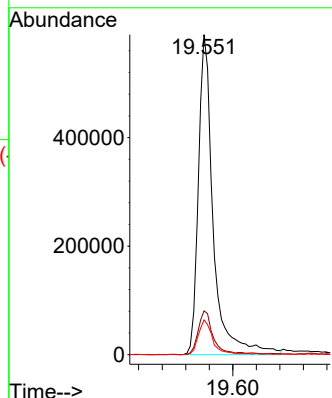
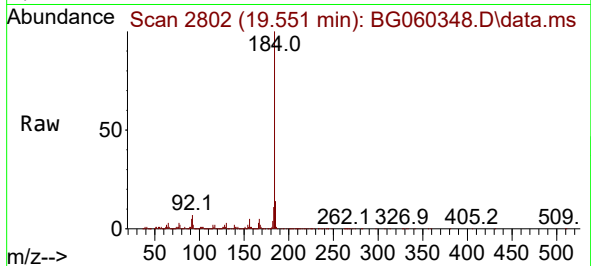




#77  
Benzidine  
Concen: 28.673 ng  
RT: 19.551 min Scan# 2802  
Delta R.T. -0.006 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

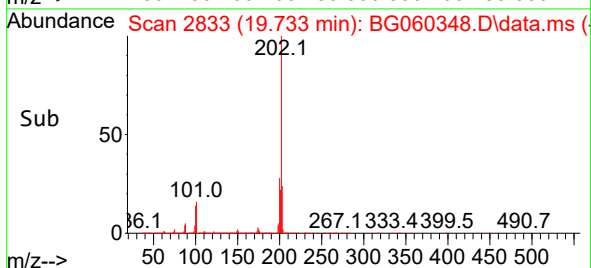
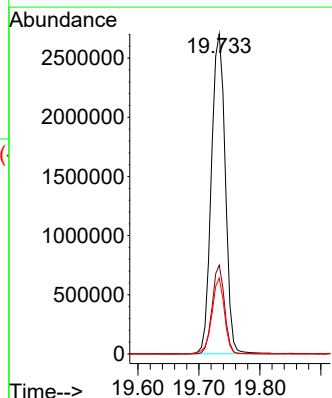
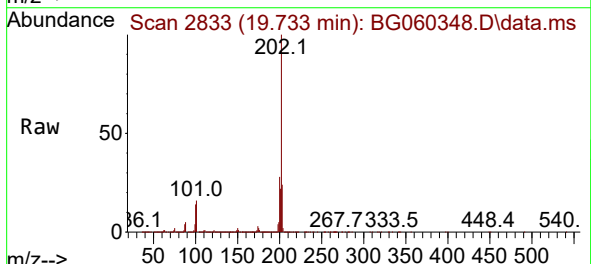
Instrument :  
BNA\_G  
ClientSampleId :  
BB-TESTPITMSD

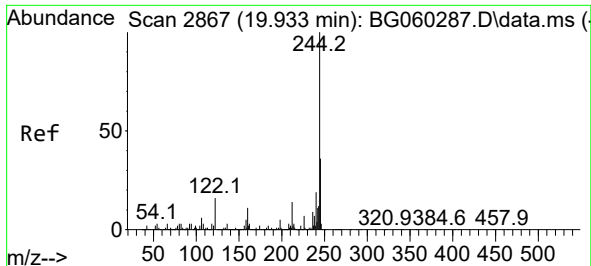
Tgt Ion:184 Resp: 1035542  
Ion Ratio Lower Upper  
184 100  
185 13.7 12.2 18.4  
183 10.9 9.0 13.4



#78  
Pyrene  
Concen: 40.384 ng  
RT: 19.733 min Scan# 2833  
Delta R.T. 0.000 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

Tgt Ion:202 Resp: 4287069  
Ion Ratio Lower Upper  
202 100  
200 27.8 23.5 35.3  
203 23.7 19.6 29.4

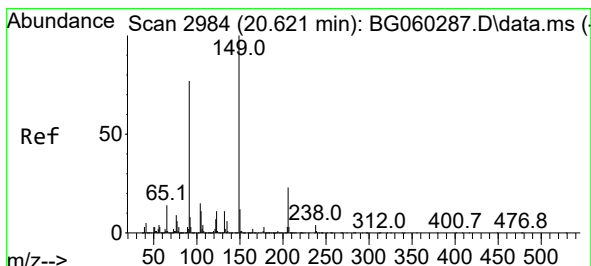
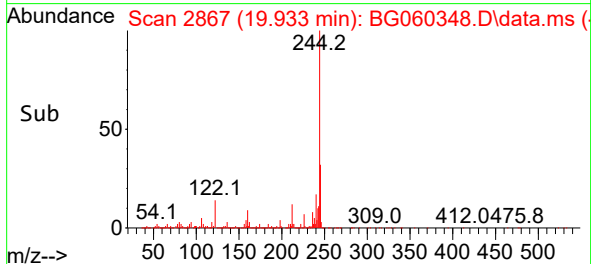
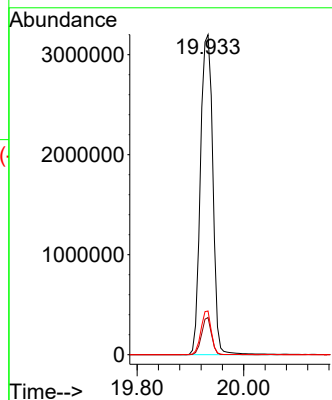
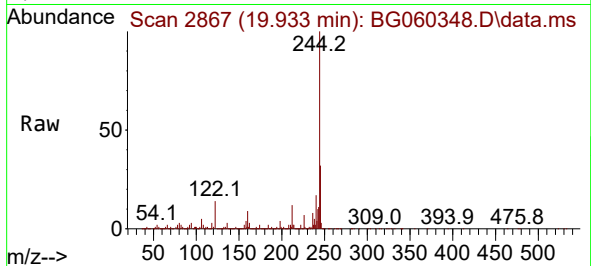




#79  
 Terphenyl-d14  
 Concen: 74.446 ng  
 RT: 19.933 min Scan# 2867  
 Delta R.T. 0.000 min  
 Lab File: BG060348.D  
 Acq: 17 Jan 2024 18:29

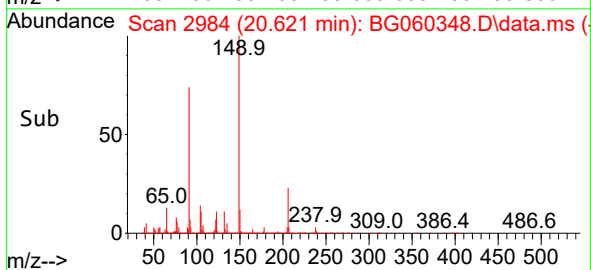
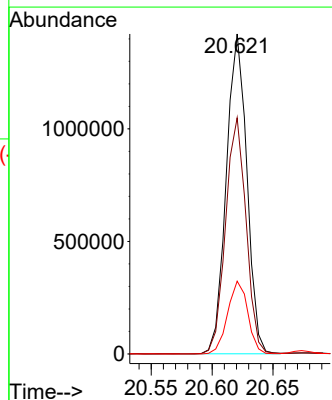
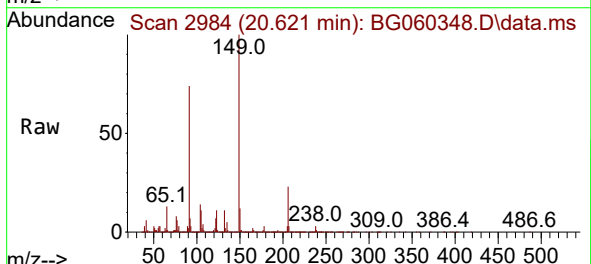
Instrument :  
 BNA\_G  
 ClientSampleId :  
 BB-TESTPITMSD

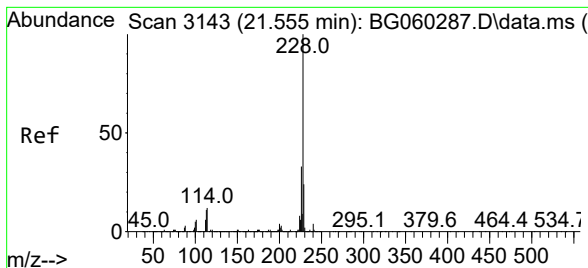
Tgt Ion:244 Resp: 5140751  
 Ion Ratio Lower Upper  
 244 100  
 212 11.6 10.9 16.3  
 122 13.6 12.6 18.8



#80  
 Butylbenzylphthalate  
 Concen: 45.774 ng  
 RT: 20.621 min Scan# 2984  
 Delta R.T. -0.000 min  
 Lab File: BG060348.D  
 Acq: 17 Jan 2024 18:29

Tgt Ion:149 Resp: 1671802  
 Ion Ratio Lower Upper  
 149 100  
 91 73.8 61.4 92.2  
 206 22.8 18.0 27.0





#81

Benzo(a)anthracene

Concen: 41.769 ng

RT: 21.561 min Scan# 3144

Delta R.T. 0.006 min

Lab File: BG060348.D

Acq: 17 Jan 2024 18:29

Instrument :

BNA\_G

ClientSampleId :

BB-TESTPITMSD

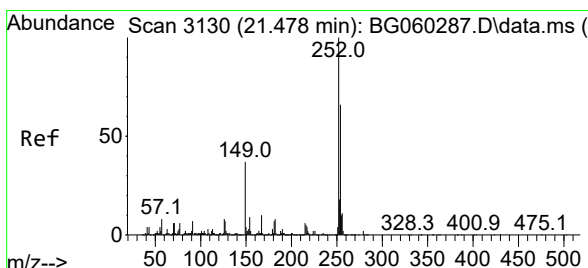
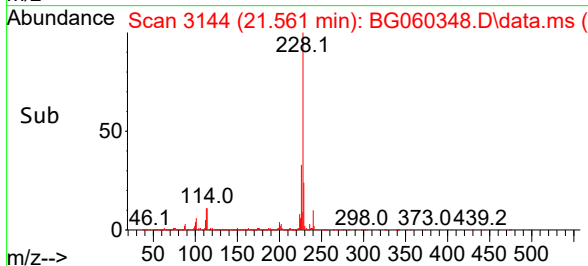
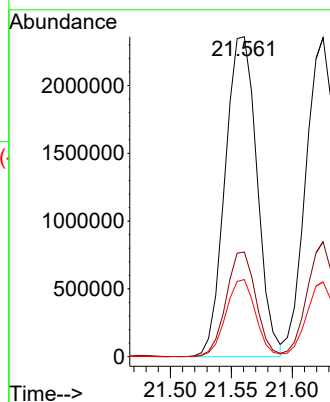
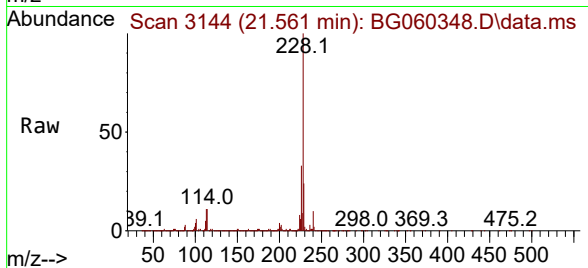
Tgt Ion:228 Resp: 4298543

Ion Ratio Lower Upper

228 100

226 32.7 26.2 39.2

229 24.1 19.4 29.2



#82

3,3'-Dichlorobenzidine

Concen: 23.912 ng

RT: 21.478 min Scan# 3130

Delta R.T. -0.000 min

Lab File: BG060348.D

Acq: 17 Jan 2024 18:29

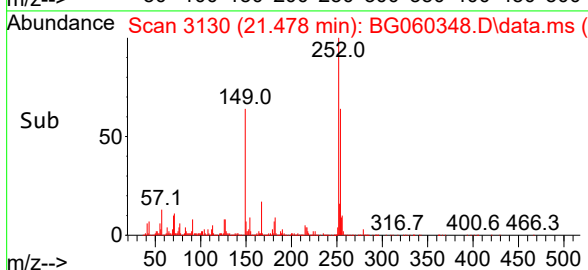
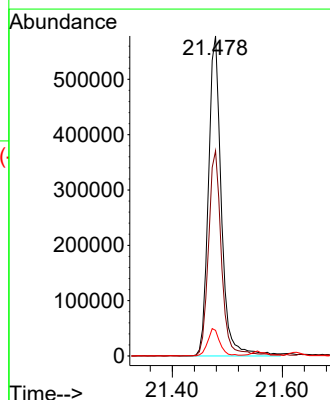
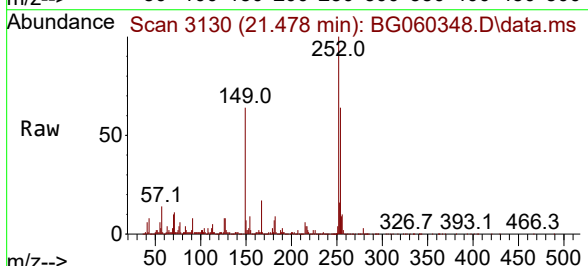
Tgt Ion:252 Resp: 942414

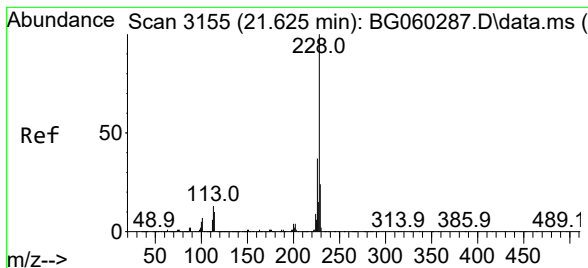
Ion Ratio Lower Upper

252 100

254 64.1 52.6 79.0

126 8.0 6.3 9.5





#83

Chrysene

Concen: 40.622 ng

RT: 21.625 min Scan# 3155

Delta R.T. -0.000 min

Lab File: BG060348.D

Acq: 17 Jan 2024 18:29

Instrument :

BNA\_G

ClientSampleId :

BB-TESTPITMSD

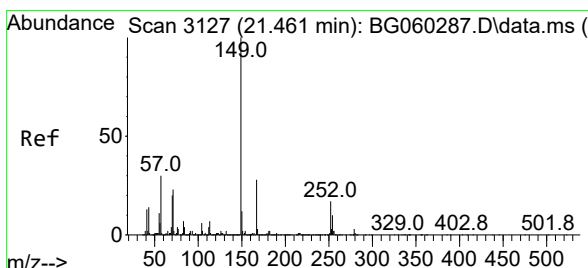
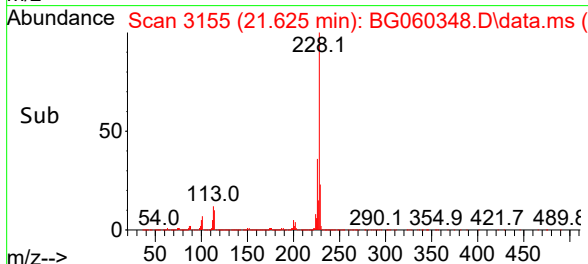
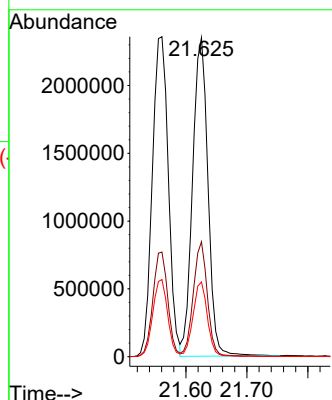
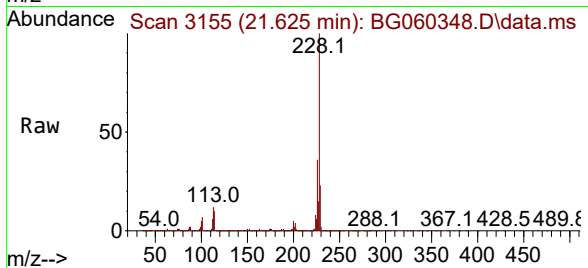
Tgt Ion:228 Resp: 4111570

Ion Ratio Lower Upper

228 100

226 36.0 29.4 44.2

229 23.4 19.2 28.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.062 ng

RT: 21.461 min Scan# 3127

Delta R.T. -0.000 min

Lab File: BG060348.D

Acq: 17 Jan 2024 18:29

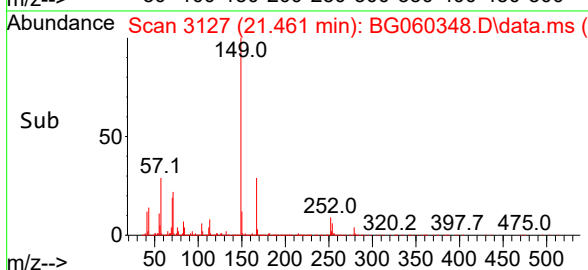
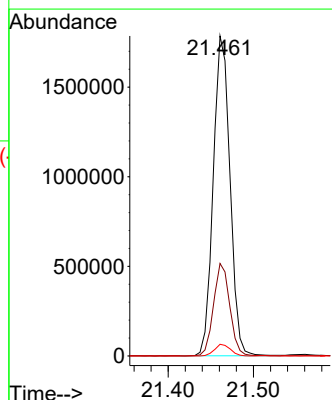
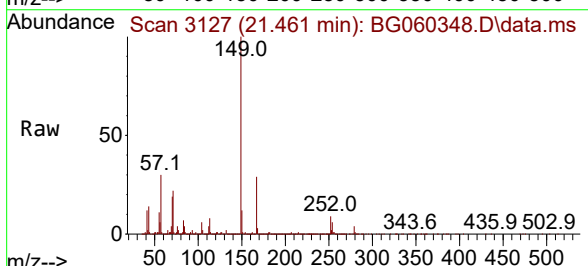
Tgt Ion:149 Resp: 2431778

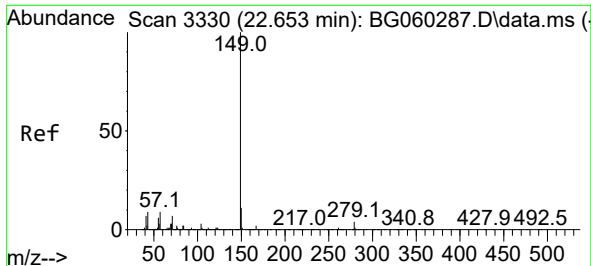
Ion Ratio Lower Upper

149 100

167 28.9 22.2 33.2

279 3.6 2.7 4.1

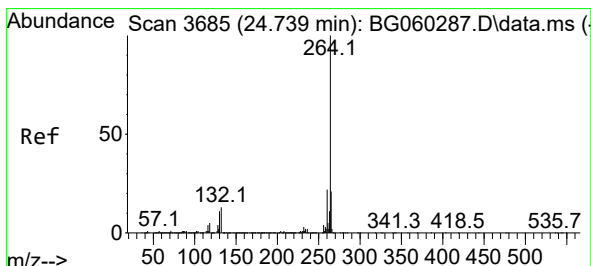
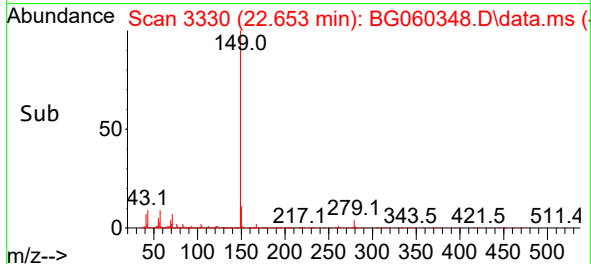
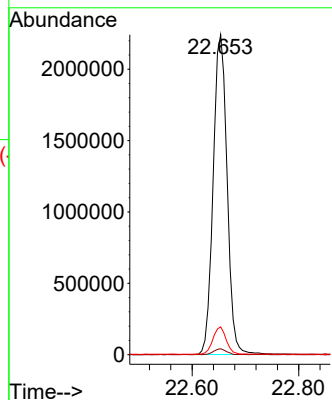
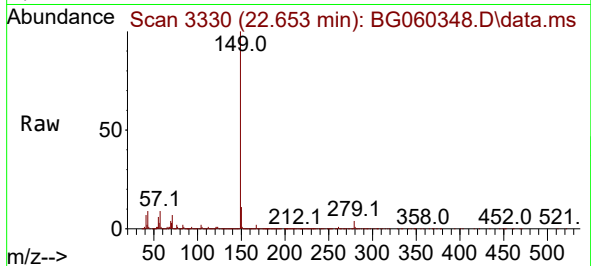




#85  
Di-n-octyl phthalate  
Concen: 45.428 ng  
RT: 22.653 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

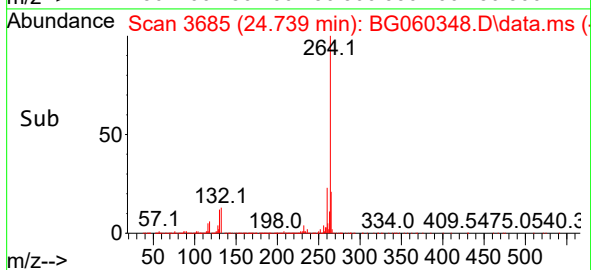
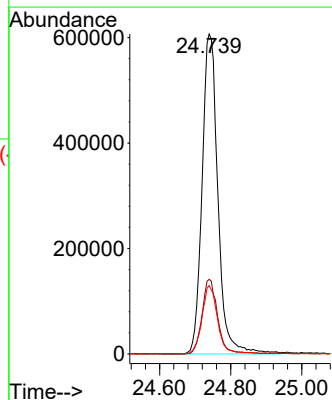
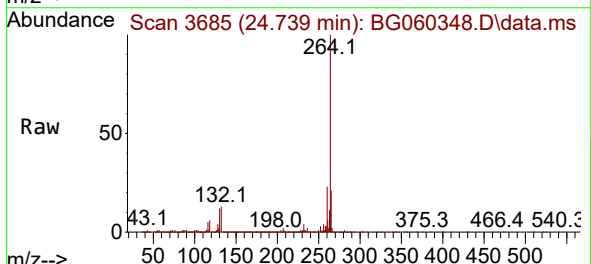
Instrument :  
BNA\_G  
ClientSampleId :  
BB-TESTPITMSD

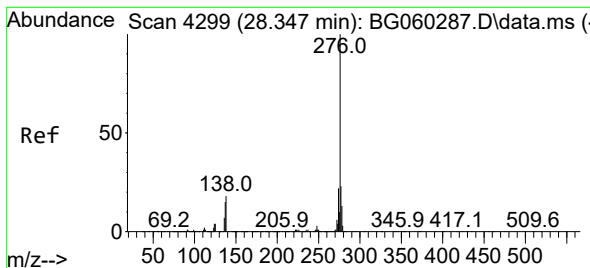
Tgt Ion:149 Resp: 4062856  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 8.2 6.8 10.2



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.739 min Scan# 3685  
Delta R.T. 0.000 min  
Lab File: BG060348.D  
Acq: 17 Jan 2024 18:29

Tgt Ion:264 Resp: 1880655  
Ion Ratio Lower Upper  
264 100  
260 23.3 17.8 26.6  
265 21.4 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.747 ng

RT: 28.347 min Scan# 41

Delta R.T. 0.000 min

Lab File: BG060348.D

Acq: 17 Jan 2024 18:29

Instrument :

BNA\_G

ClientSampleId :

BB-TESTPITMSD

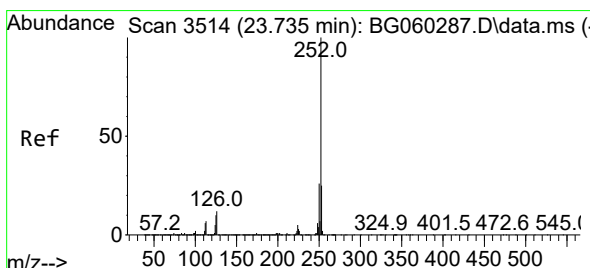
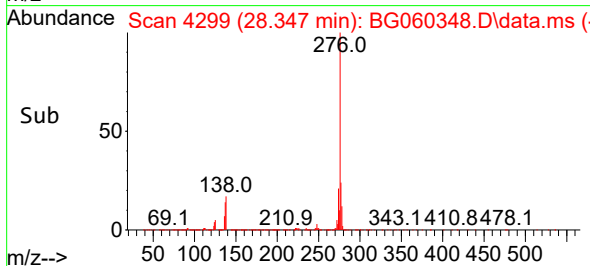
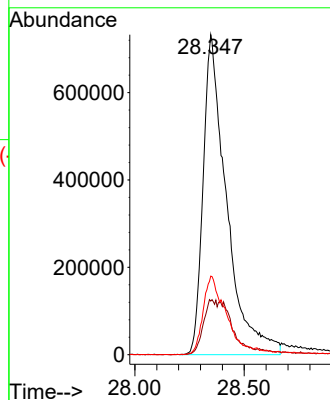
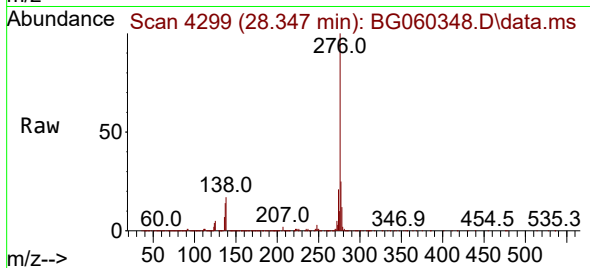
Tgt Ion:276 Resp: 5458949

Ion Ratio Lower Upper

276 100

138 9.7 12.5 18.7#

277 23.8 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 40.946 ng

RT: 23.740 min Scan# 3515

Delta R.T. 0.006 min

Lab File: BG060348.D

Acq: 17 Jan 2024 18:29

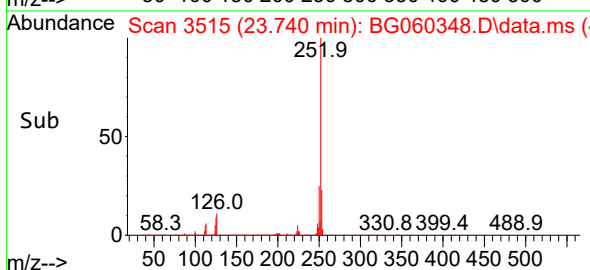
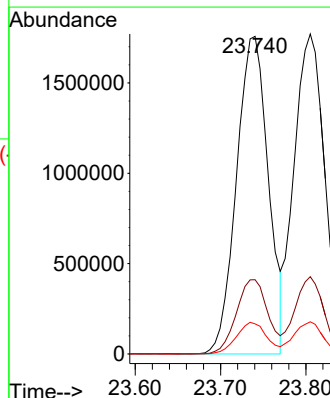
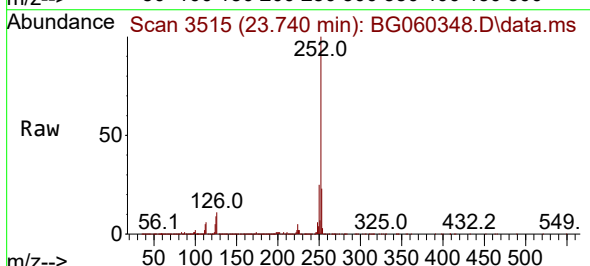
Tgt Ion:252 Resp: 4549172

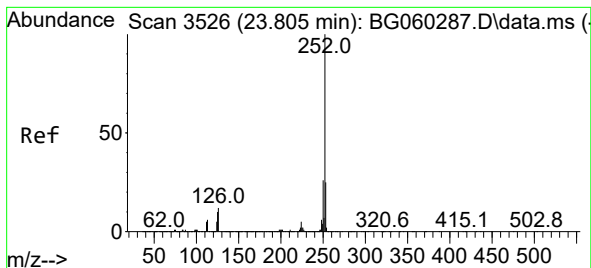
Ion Ratio Lower Upper

252 100

253 23.4 20.0 30.0

125 9.5 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 41.209 ng

RT: 23.805 min Scan# 3

Delta R.T. -0.000 min

Lab File: BG060348.D

Acq: 17 Jan 2024 18:29

Instrument :

BNA\_G

ClientSampleId :

BB-TESTPITMSD

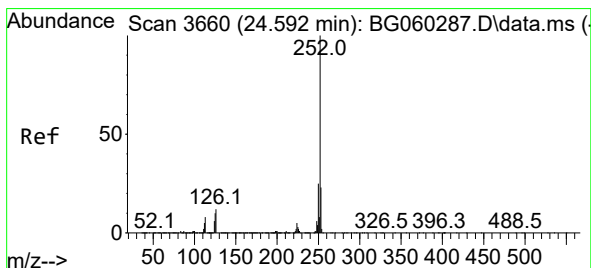
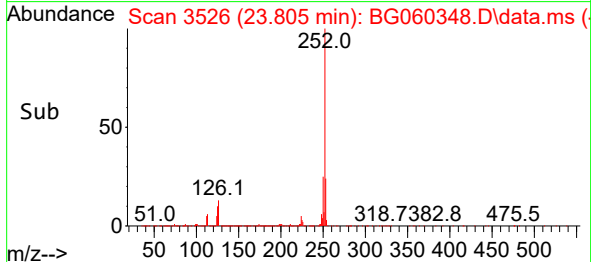
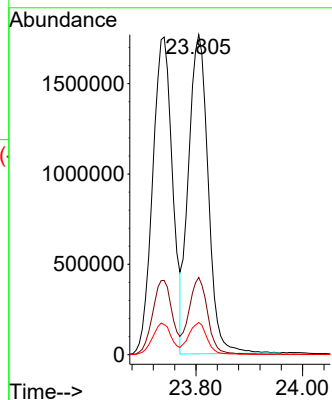
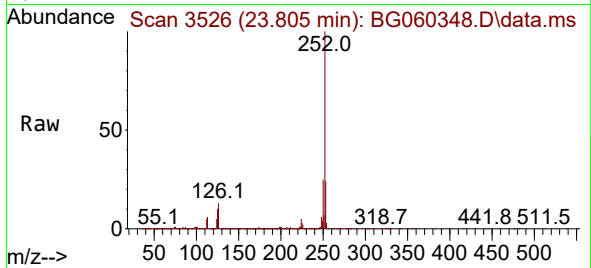
Tgt Ion:252 Resp: 4517926

Ion Ratio Lower Upper

252 100

253 24.2 19.6 29.4

125 10.0 8.2 12.2



#90

Benzo(a)pyrene

Concen: 41.638 ng

RT: 24.592 min Scan# 3660

Delta R.T. -0.000 min

Lab File: BG060348.D

Acq: 17 Jan 2024 18:29

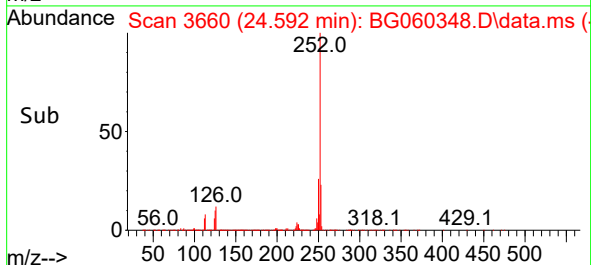
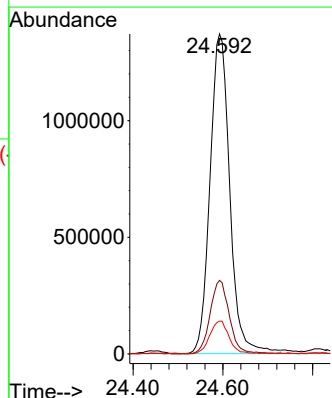
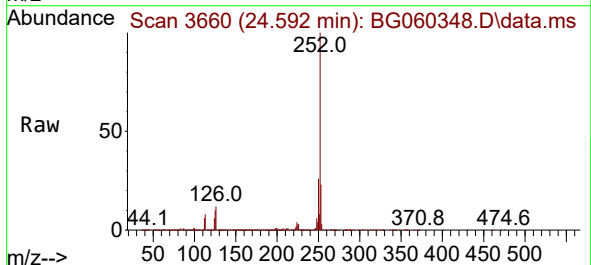
Tgt Ion:252 Resp: 4178940

Ion Ratio Lower Upper

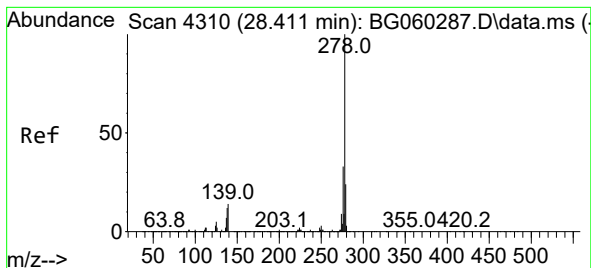
252 100

253 23.0 18.1 27.1

125 10.3 8.1 12.1







#91

Dibenzo(a,h)anthracene

Concen: 41.120 ng

RT: 28.411 min Scan# 4310

Delta R.T. 0.000 min

Lab File: BG060348.D

Acq: 17 Jan 2024 18:29

Instrument :

BNA\_G

ClientSampleId :

BB-TESTPITMSD

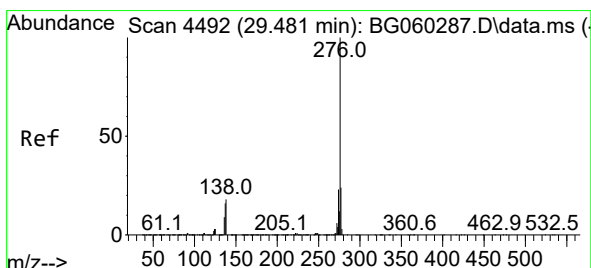
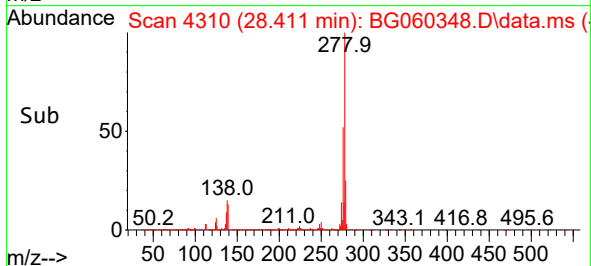
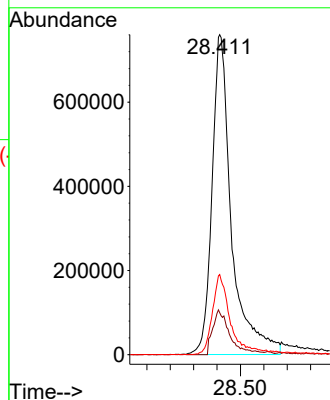
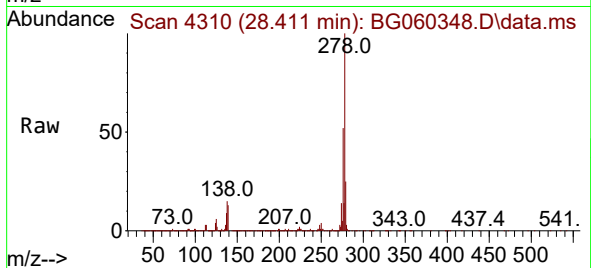
Tgt Ion:278 Resp: 4391278

Ion Ratio Lower Upper

278 100

139 13.1 10.9 16.3

279 25.0 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 37.310 ng

RT: 29.481 min Scan# 4492

Delta R.T. -0.000 min

Lab File: BG060348.D

Acq: 17 Jan 2024 18:29

Tgt Ion:276 Resp: 4083649

Ion Ratio Lower Upper

276 100

277 24.4 19.4 29.0

138 18.4 14.2 21.4

