

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032423\  
 Data File : BM039148.D  
 Acq On : 24 Mar 2023 19:06  
 Operator : CG/JU  
 Sample : 01945-07MS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 WC1-20230322MS

Quant Time: Mar 25 01:07:28 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM030823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 24 15:04:20 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.951  | 152  | 275024   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.763 | 136  | 1040483  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.592 | 164  | 530675   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.339 | 188  | 947209   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.521 | 240  | 713198   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.944 | 264  | 821004   | 20.000  | ng    | -0.01    |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.516  | 112  | 1870318  | 103.320 | ng    | 0.01     |
| 7) Phenol-d6                  | 7.122  | 99   | 2325543  | 98.905  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.122  | 82   | 1660143  | 78.375  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.086 | 330  | 775452   | 126.314 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.221 | 172  | 3357624  | 82.366  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.956 | 244  | 3838678  | 98.407  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.381  | 88   | 187999   | 23.344  | ng    | # 53     |
| 3) Pyridine                   | 3.793  | 79   | 470523   | 21.067  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.693  | 42   | 250281   | 27.538  | ng    | 95       |
| 6) Aniline                    | 7.275  | 93   | 698925   | 22.639  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.516  | 128  | 625474   | 32.455  | ng    | 97       |
| 9) Benzaldehyde               | 7.087  | 77   | 294168   | 26.291  | ng    | 99       |
| 10) Phenol                    | 7.145  | 94   | 718564   | 28.778  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.375  | 93   | 668847   | 32.947  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.839  | 146  | 669116   | 32.670  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.986  | 146  | 680148   | 32.653  | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 8.304  | 146  | 659046   | 32.847  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.198  | 79   | 604098   | 35.845  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.486  | 45   | 836784   | 32.638  | ng    | 99       |
| 17) 2-Methylphenol            | 8.398  | 107  | 549470   | 32.034  | ng    | 99       |
| 18) Hexachloroethane          | 9.033  | 117  | 252784   | 32.892  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 8.763  | 70   | 516010   | 34.842  | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.728  | 107  | 715059   | 31.222  | ng    | 97       |
| 22) Acetophenone              | 8.781  | 105  | 1020644  | 34.963  | ng    | # 98     |
| 24) Nitrobenzene              | 9.163  | 77   | 738225   | 33.158  | ng    | 98       |
| 25) Isophorone                | 9.692  | 82   | 1411528  | 36.212  | ng    | 100      |
| 26) 2-Nitrophenol             | 9.875  | 139  | 303141   | 31.906  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 9.939  | 122  | 619469   | 36.473  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.175 | 93   | 875687   | 34.964  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.410 | 162  | 567040   | 35.215  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.627 | 180  | 600771   | 34.142  | ng    | 98       |
| 31) Naphthalene               | 10.816 | 128  | 2107264  | 35.518  | ng    | 100      |
| 32) Benzoic acid              | 10.057 | 122  | 267341   | 24.624  | ng    | 97       |
| 33) 4-Chloroaniline           | 10.927 | 127  | 386898   | 15.302  | ng    | 99       |
| 34) Hexachlorobutadiene       | 11.098 | 225  | 342271   | 33.919  | ng    | 99       |
| 35) Caprolactam               | 11.722 | 113  | 157264   | 32.089  | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 12.051 | 107  | 598197   | 34.887  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.421 | 142  | 1341902  | 33.745  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.639 | 142  | 1251421  | 33.581  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.786 | 216  | 657159   | 38.092  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.768 | 237  | 590870   | 62.395  | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 13.027 | 196  | 434598   | 38.902  | ng    | 99       |

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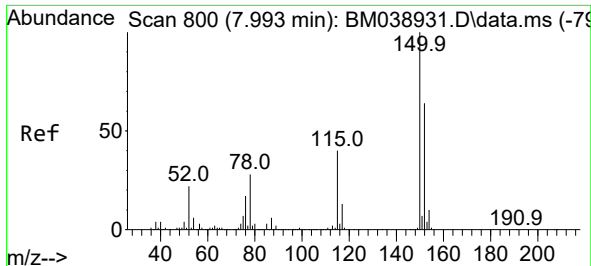
Quant Time: Mar 25 01:07:28 2023  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.104 | 196  | 445497   | 34.069 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.427 | 154  | 1734533  | 38.582 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.474 | 162  | 1296373  | 38.240 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.680 | 65   | 403335   | 37.660 | ng    | 91       |
| 49) Acenaphthylene            | 14.315 | 152  | 2025196  | 37.504 | ng    | 100      |
| 50) Dimethylphthalate         | 14.051 | 163  | 1551094  | 37.984 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.174 | 165  | 333396   | 37.262 | ng    | 97       |
| 52) Acenaphthene              | 14.657 | 154  | 1222179  | 36.828 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.504 | 138  | 268697   | 26.198 | ng    | 94       |
| 54) 2,4-Dinitrophenol         | 14.710 | 184  | 268768   | 53.610 | ng    | 90       |
| 55) Dibenzofuran              | 14.992 | 168  | 1906474  | 36.711 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.810 | 139  | 410325   | 50.595 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 14.957 | 165  | 409415   | 35.033 | ng    | 99       |
| 58) Fluorene                  | 15.639 | 166  | 1507827  | 37.066 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.215 | 232  | 371395   | 36.827 | ng    | 97       |
| 60) Diethylphthalate          | 15.415 | 149  | 1494398  | 37.611 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.633 | 204  | 735374   | 36.797 | ng    | 100      |
| 62) 4-Nitroaniline            | 15.662 | 138  | 347588   | 32.917 | ng    | 99       |
| 63) Azobenzene                | 15.927 | 77   | 1551110  | 36.895 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 15.721 | 198  | 194463   | 33.017 | ng    | 92       |
| 66) n-Nitrosodiphenylamine    | 15.851 | 169  | 1267964  | 39.708 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.527 | 248  | 424448   | 41.487 | ng    | 99       |
| 68) Hexachlorobenzene         | 16.645 | 284  | 479772   | 41.949 | ng    | 98       |
| 69) Atrazine                  | 16.804 | 200  | 392225   | 44.969 | ng    | 98       |
| 70) Pentachlorophenol         | 16.986 | 266  | 571119   | 67.893 | ng    | 99       |
| 71) Phenanthrene              | 17.380 | 178  | 2170054  | 39.035 | ng    | 99       |
| 72) Anthracene                | 17.474 | 178  | 2147525  | 38.736 | ng    | 100      |
| 73) Carbazole                 | 17.745 | 167  | 1992797  | 39.385 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.303 | 149  | 2361789  | 38.635 | ng    | 99       |
| 75) Fluoranthene              | 19.392 | 202  | 2190463  | 37.318 | ng    | 99       |
| 77) Benzidine                 | 19.580 | 184  | 1145023  | 68.154 | ng    | 98       |
| 78) Pyrene                    | 19.756 | 202  | 2255521  | 42.107 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.650 | 149  | 951525   | 42.206 | ng    | 100      |
| 81) Benzo(a)anthracene        | 21.503 | 228  | 2029939  | 39.523 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.439 | 252  | 634289   | 40.183 | ng    | 99       |
| 83) Chrysene                  | 21.556 | 228  | 1929822  | 38.633 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.427 | 149  | 1365258  | 41.795 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.362 | 149  | 2336875  | 43.174 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 26.473 | 276  | 2847896  | 45.586 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 23.203 | 252  | 2056928  | 39.216 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 23.256 | 252  | 2069730  | 37.917 | ng    | 100      |
| 90) Benzo(a)pyrene            | 23.838 | 252  | 1873787  | 37.119 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 26.491 | 278  | 2370509  | 44.806 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 27.250 | 276  | 2403147  | 46.427 | ng    | 100      |

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

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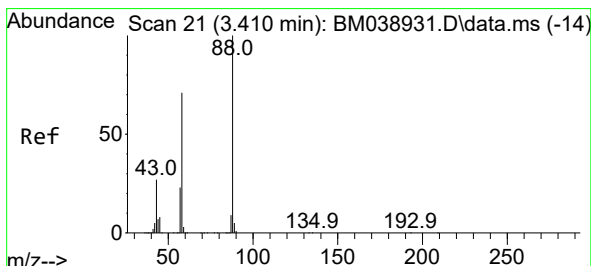
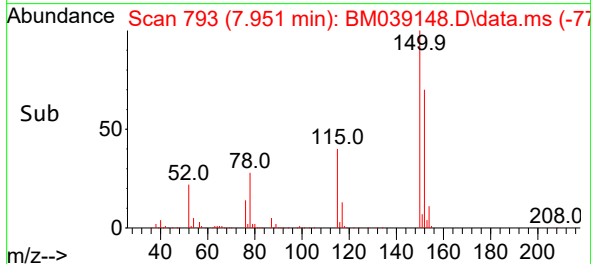
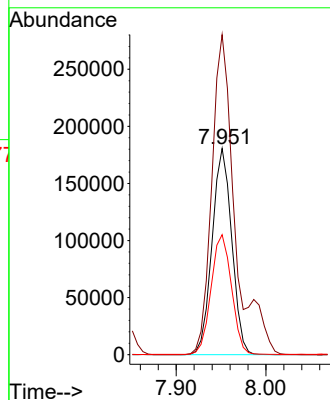
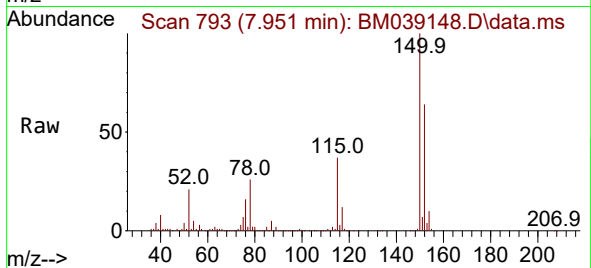




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.951 min Scan# 79  
Delta R.T. 0.000 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

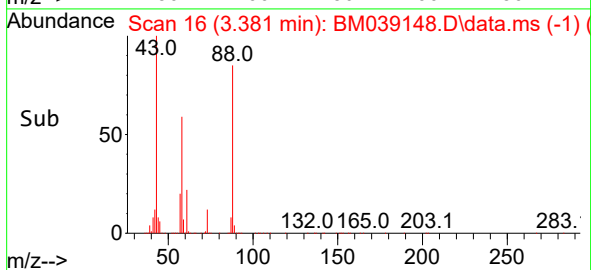
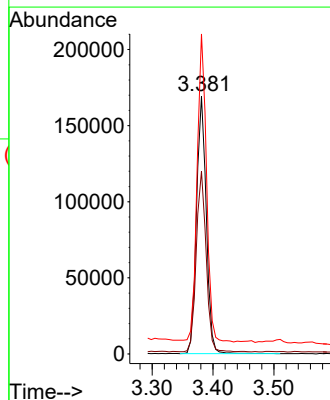
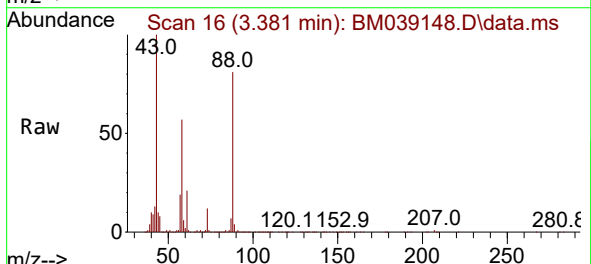
Instrument :  
BNA\_M  
ClientSampleId :  
WC1-20230322MS

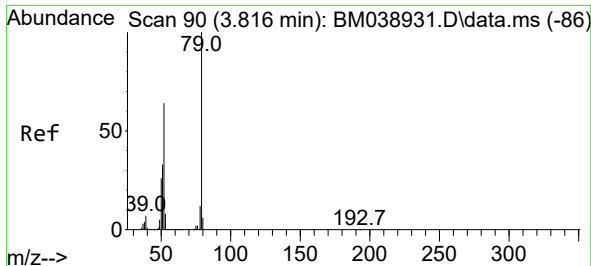
Tgt Ion:152 Resp: 275024  
Ion Ratio Lower Upper  
152 100  
150 155.2 125.1 187.7  
115 58.2 49.6 74.4



#2  
1,4-Dioxane  
Concen: 23.344 ng  
RT: 3.381 min Scan# 16  
Delta R.T. 0.012 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

Tgt Ion: 88 Resp: 187999  
Ion Ratio Lower Upper  
88 100  
58 70.5 57.2 85.8  
43 115.0 22.0 33.0#

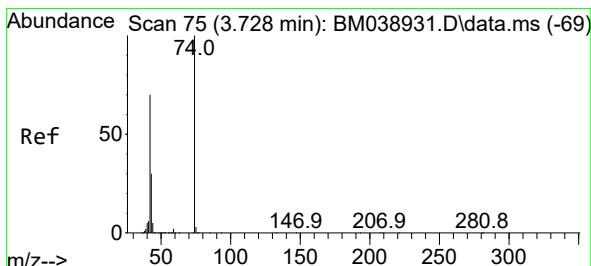
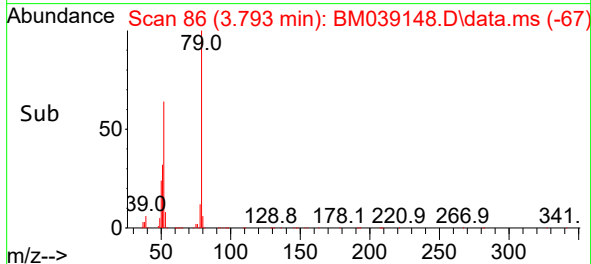
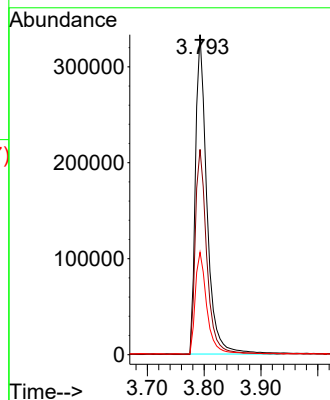
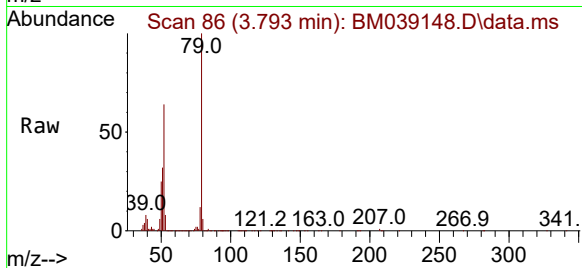




#3  
Pyridine  
Concen: 21.067 ng  
RT: 3.793 min Scan# 80  
Delta R.T. 0.012 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

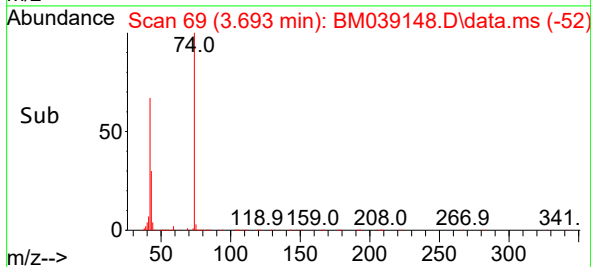
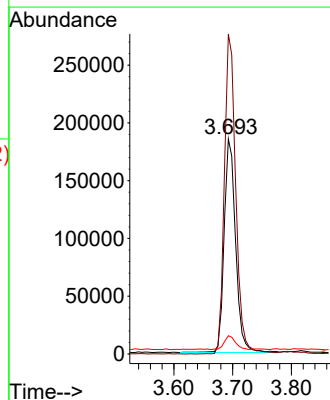
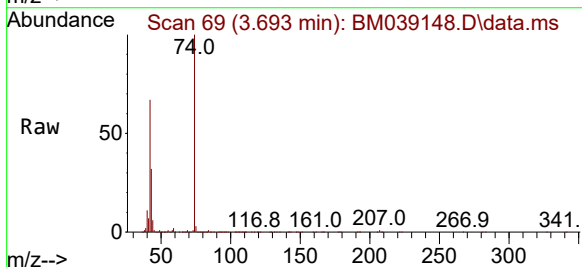
Instrument :  
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ClientSampleId :  
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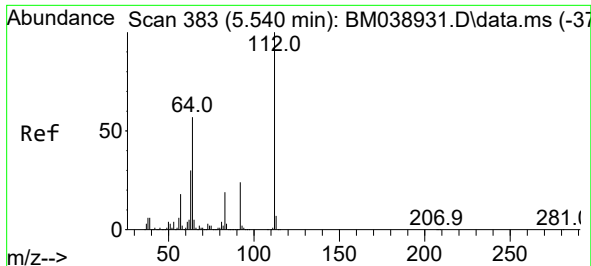
Tgt Ion: 79 Resp: 470523  
Ion Ratio Lower Upper  
79 100  
52 64.2 51.4 77.2  
51 32.0 26.6 40.0



#4  
n-Nitrosodimethylamine  
Concen: 27.538 ng  
RT: 3.693 min Scan# 69  
Delta R.T. -0.000 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

Tgt Ion: 42 Resp: 250281  
Ion Ratio Lower Upper  
42 100  
74 148.8 113.8 170.8  
44 8.5 6.2 9.2

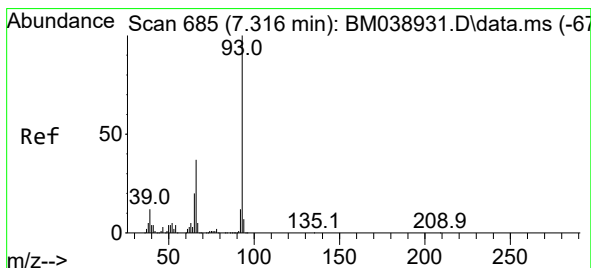
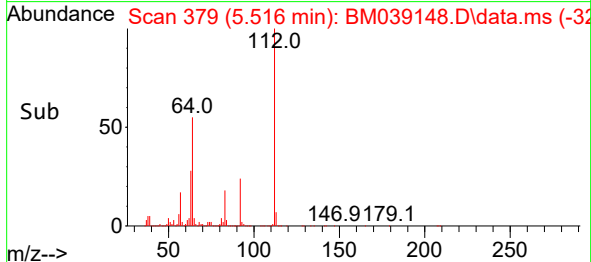
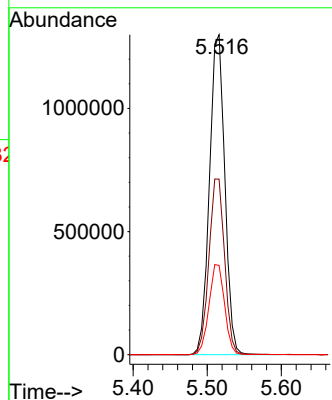
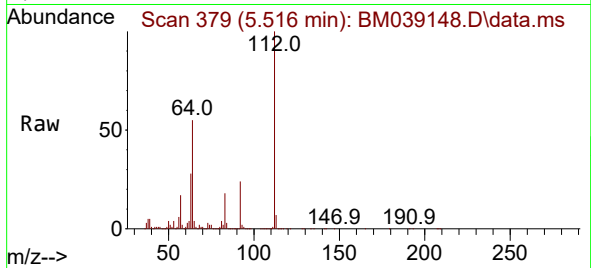




#5  
2-Fluorophenol  
Concen: 103.320 ng  
RT: 5.516 min Scan# 31  
Delta R.T. 0.012 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

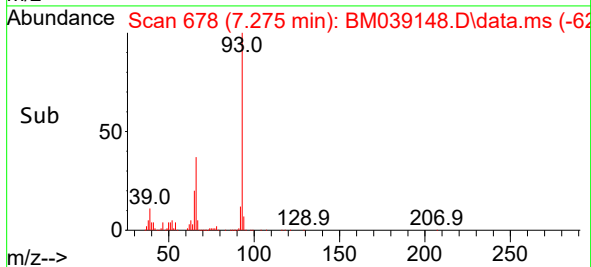
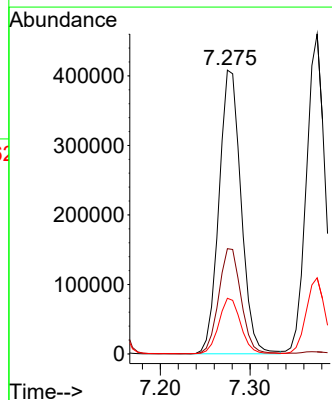
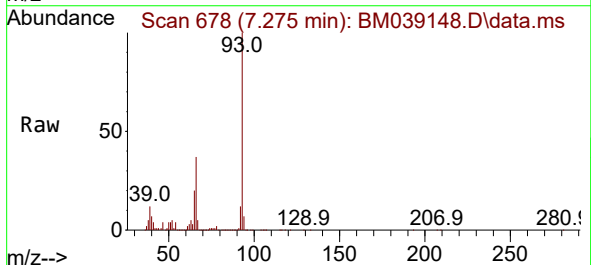
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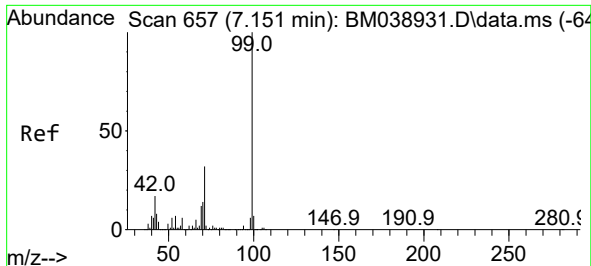
Tgt Ion:112 Resp: 1870318  
Ion Ratio Lower Upper  
112 100  
64 54.8 45.9 68.9  
63 27.9 23.8 35.8



#6  
Aniline  
Concen: 22.639 ng  
RT: 7.275 min Scan# 678  
Delta R.T. -0.006 min  
Lab File: BM039148.D  
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Tgt Ion: 93 Resp: 698925  
Ion Ratio Lower Upper  
93 100  
66 37.1 30.0 45.0  
65 19.6 15.8 23.6

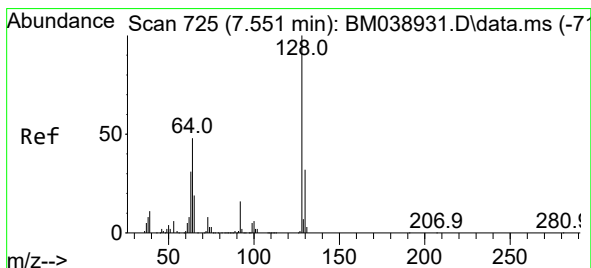
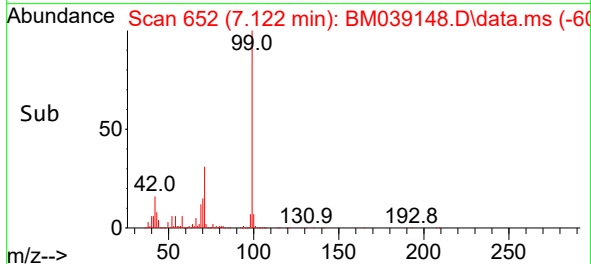
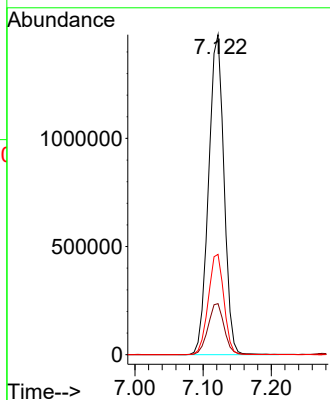
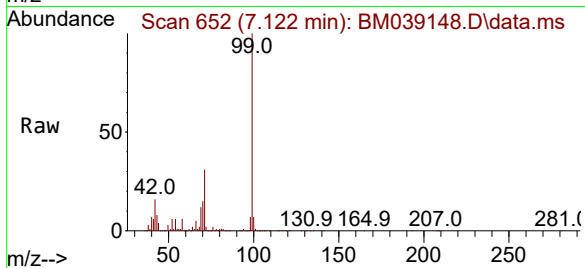




#7  
Phenol-d6  
Concen: 98.905 ng  
RT: 7.122 min Scan# 611  
Delta R.T. 0.006 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

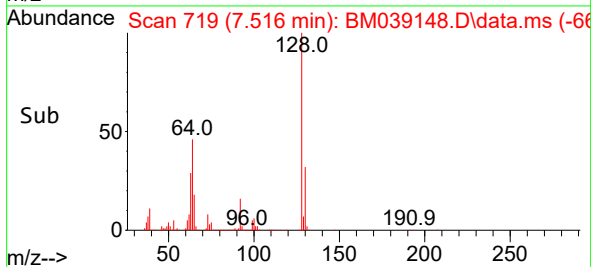
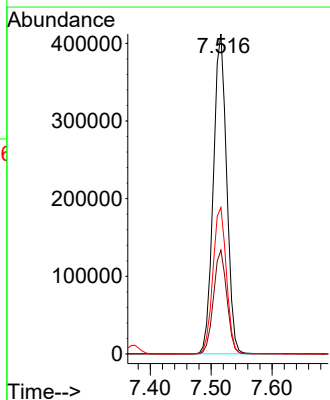
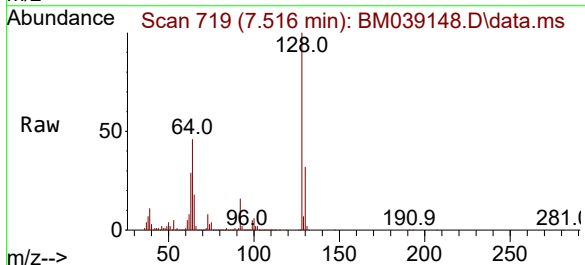
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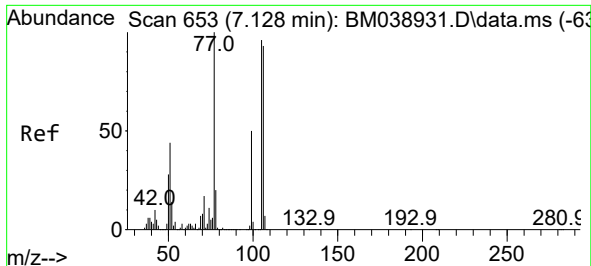
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Ion Ratio Lower Upper  
99 100  
42 16.0 13.5 20.3  
71 31.4 25.6 38.4



#8  
2-Chlorophenol  
Concen: 32.455 ng  
RT: 7.516 min Scan# 719  
Delta R.T. -0.000 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

Tgt Ion: 128 Resp: 625474  
Ion Ratio Lower Upper  
128 100  
130 32.4 11.9 51.9  
64 45.7 28.6 68.6

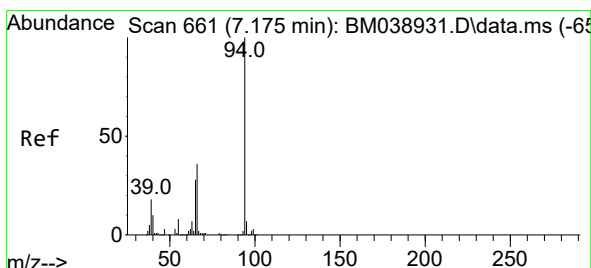
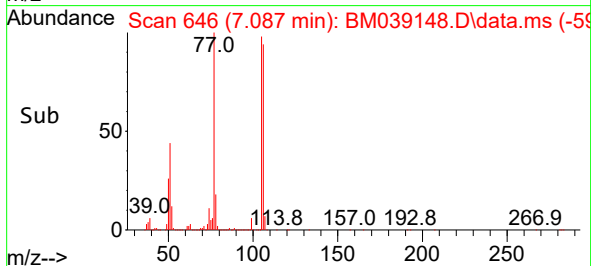
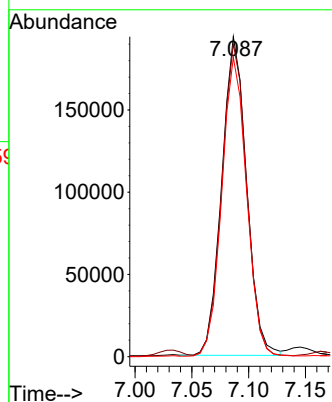
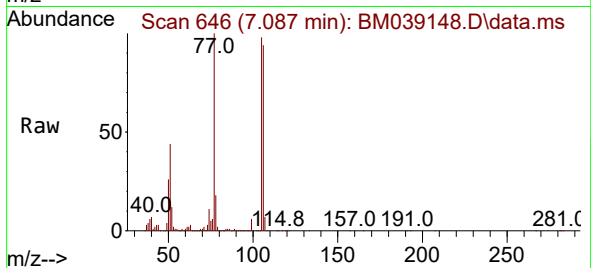




#9  
Benzaldehyde  
Concen: 26.291 ng  
RT: 7.087 min Scan# 64  
Delta R.T. -0.000 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

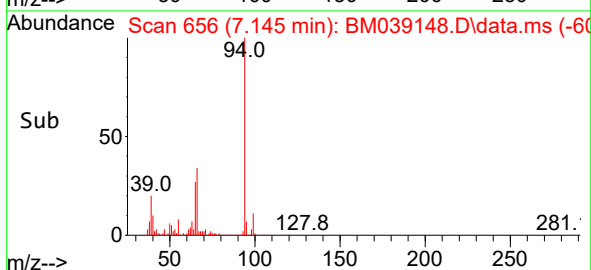
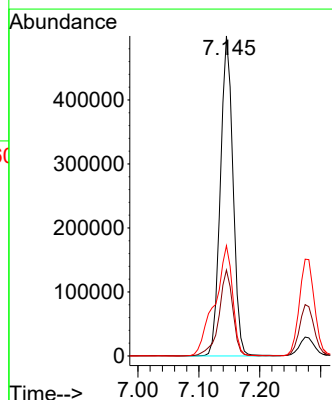
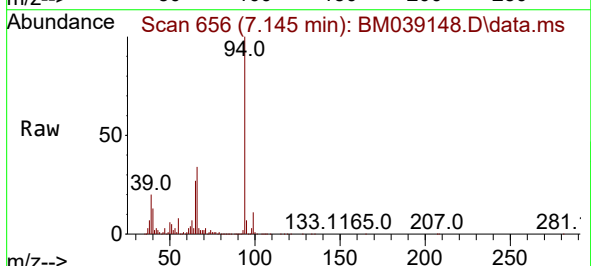
Instrument :  
BNA\_M  
ClientSampleId :  
WC1-20230322MS

Tgt Ion: 77 Resp: 294168  
Ion Ratio Lower Upper  
77 100  
105 97.7 75.8 115.8  
106 93.6 72.6 112.6



#10  
Phenol  
Concen: 28.778 ng  
RT: 7.145 min Scan# 656  
Delta R.T. -0.000 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

Tgt Ion: 94 Resp: 718564  
Ion Ratio Lower Upper  
94 100  
65 26.9 7.9 47.9  
66 34.5 15.8 55.8

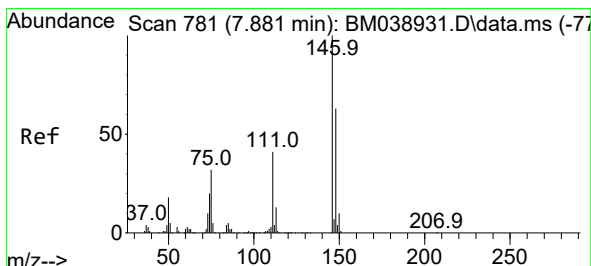
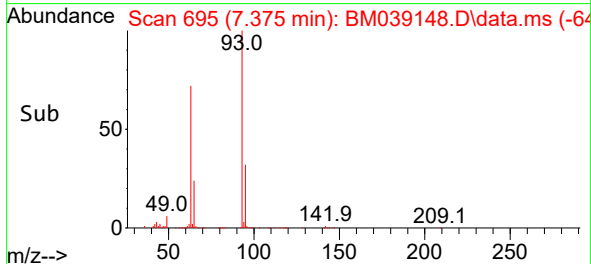
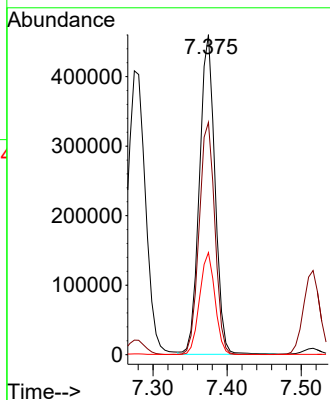
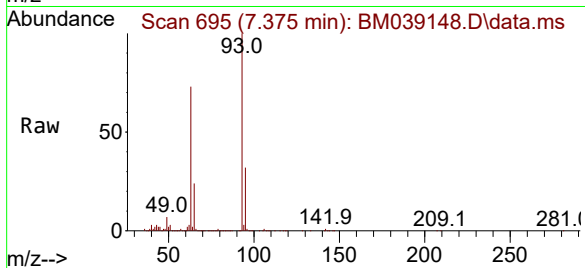




#11  
bis(2-Chloroethyl)ether  
Concen: 32.947 ng  
RT: 7.375 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

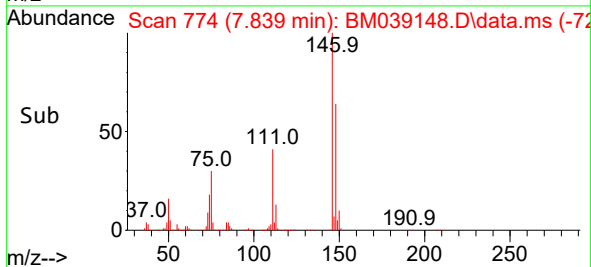
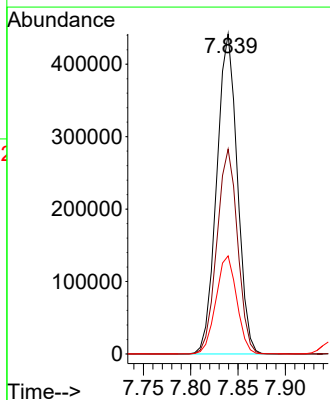
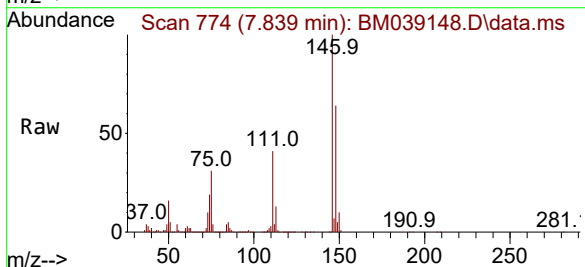
Instrument :  
BNA\_M  
ClientSampleId :  
WC1-20230322MS

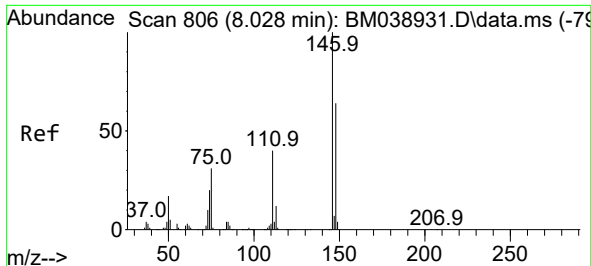
Tgt Ion: 93 Resp: 668847  
Ion Ratio Lower Upper  
93 100  
63 72.6 55.8 95.8  
95 31.9 12.2 52.2



#12  
1,3-Dichlorobenzene  
Concen: 32.670 ng  
RT: 7.839 min Scan# 774  
Delta R.T. -0.000 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

Tgt Ion: 146 Resp: 669116  
Ion Ratio Lower Upper  
146 100  
148 64.0 50.6 75.8  
75 30.6 26.0 39.0

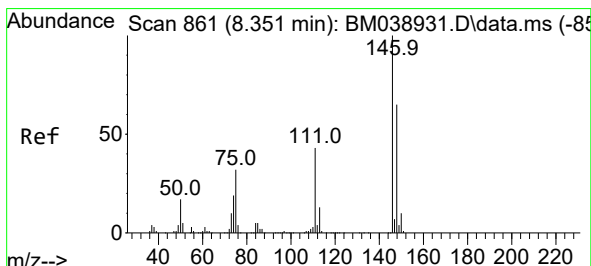
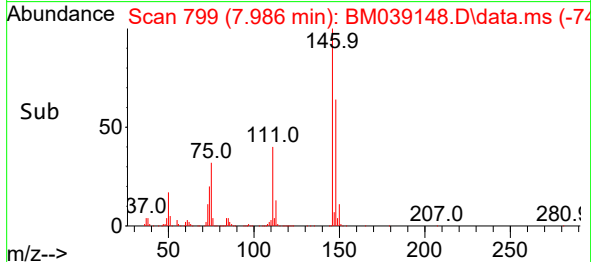
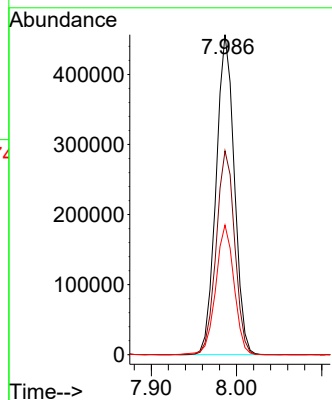
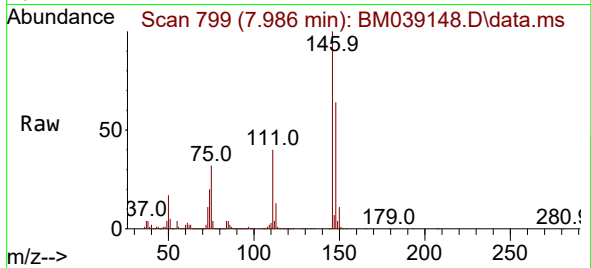




#13  
1,4-Dichlorobenzene  
Concen: 32.653 ng  
RT: 7.986 min Scan# 799  
Delta R.T. -0.000 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

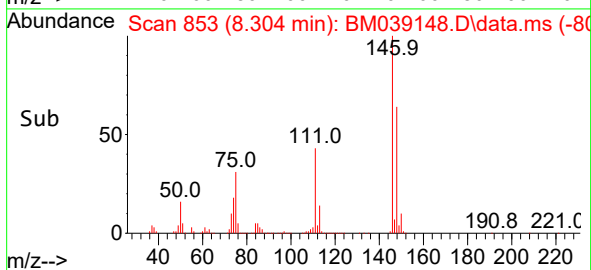
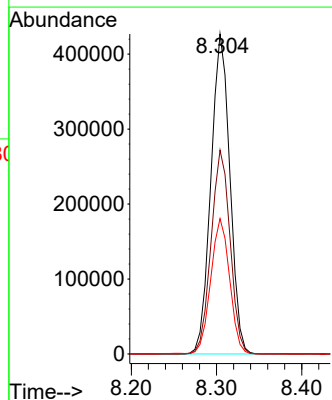
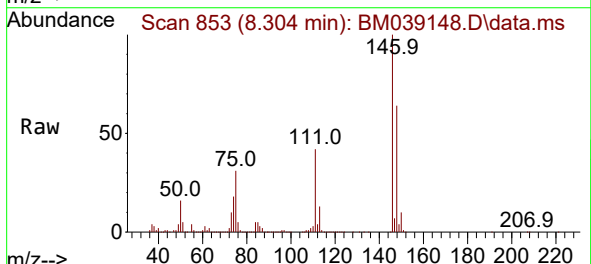
Instrument :  
BNA\_M  
ClientSampleId :  
WC1-20230322MS

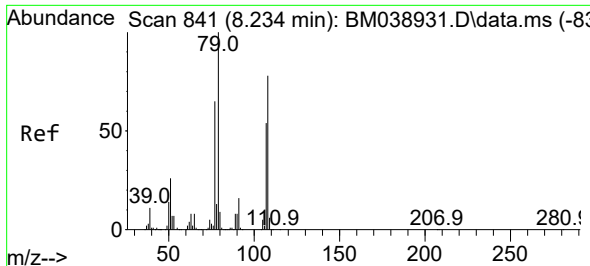
Tgt Ion:146 Resp: 680148  
Ion Ratio Lower Upper  
146 100  
148 63.7 51.0 76.4  
111 40.5 32.2 48.4



#14  
1,2-Dichlorobenzene  
Concen: 32.847 ng  
RT: 8.304 min Scan# 853  
Delta R.T. -0.006 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

Tgt Ion:146 Resp: 659046  
Ion Ratio Lower Upper  
146 100  
148 63.7 51.7 77.5  
111 42.3 34.2 51.4

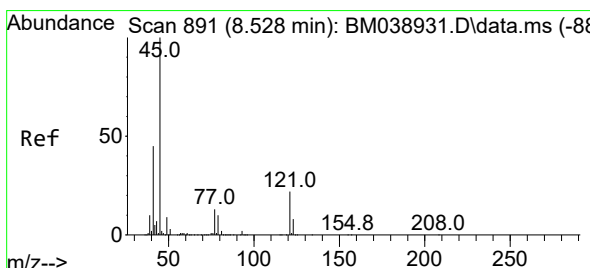
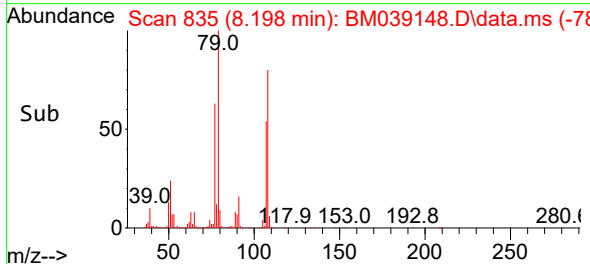
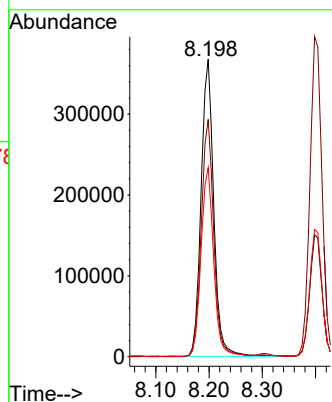
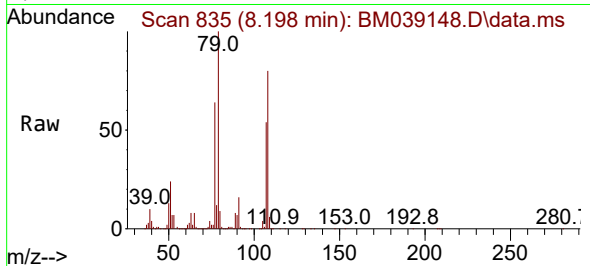




#15  
Benzyl Alcohol  
Concen: 35.845 ng  
RT: 8.198 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

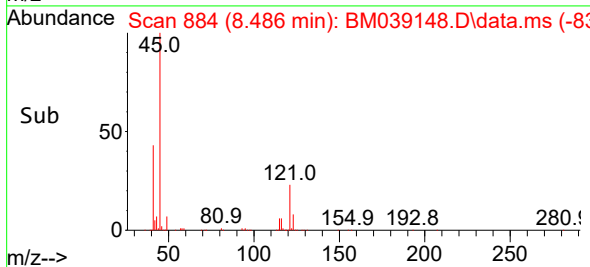
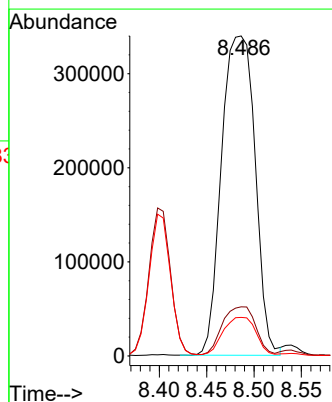
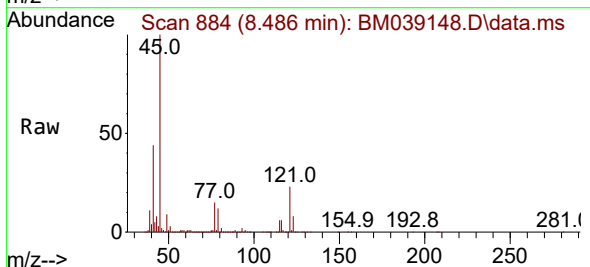
Instrument :  
BNA\_M  
ClientSampleId :  
WC1-20230322MS

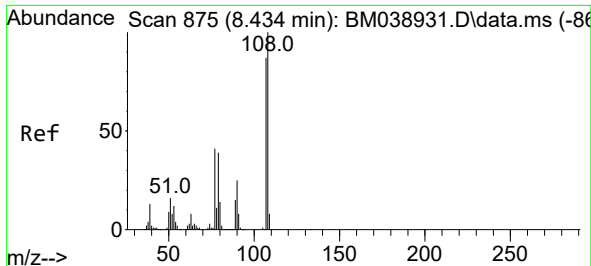
Tgt Ion: 79 Resp: 604098  
Ion Ratio Lower Upper  
79 100  
108 79.8 62.4 93.6  
77 63.5 52.2 78.4



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 32.638 ng  
RT: 8.486 min Scan# 884  
Delta R.T. -0.006 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

Tgt Ion: 45 Resp: 836784  
Ion Ratio Lower Upper  
45 100  
77 15.4 0.0 34.8  
79 12.1 0.0 31.5

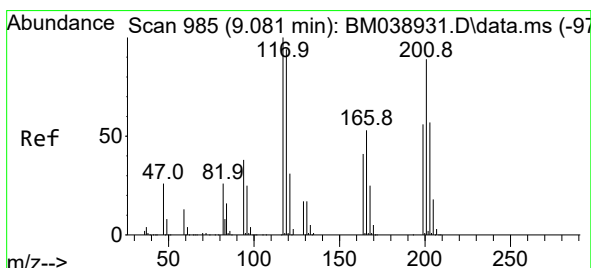
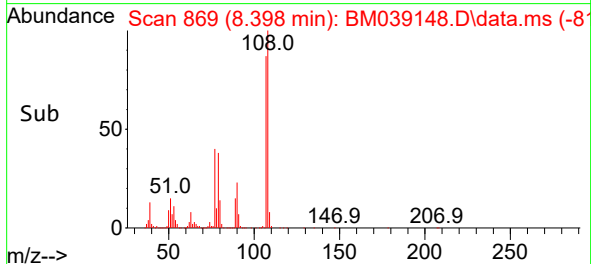
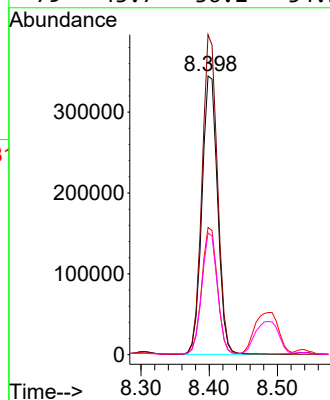
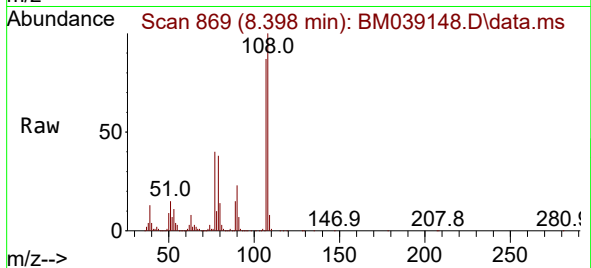




#17  
2-Methylphenol  
Concen: 32.034 ng  
RT: 8.398 min Scan# 869  
Delta R.T. -0.006 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

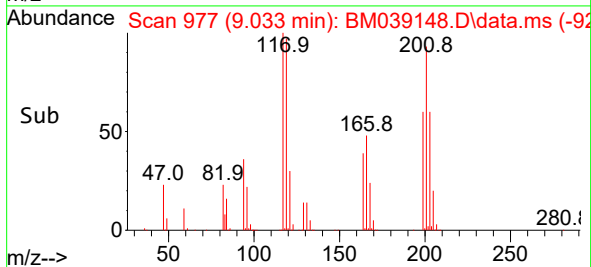
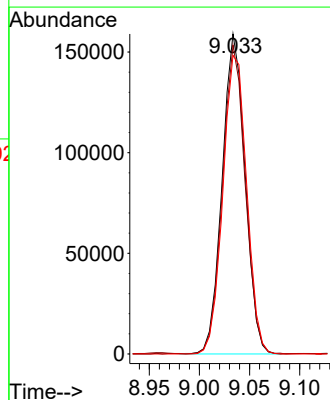
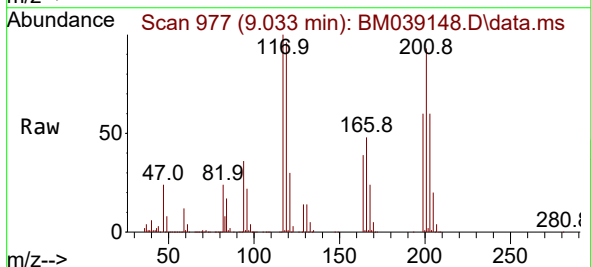
Instrument :  
BNA\_M  
ClientSampleId :  
WC1-20230322MS

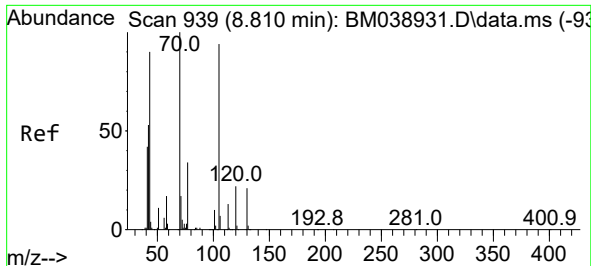
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 549470 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 114.8 | 91.7  | 137.5  |
| 77       | 45.6  | 37.4  | 56.2   |
| 79       | 43.7  | 36.2  | 54.2   |



#18  
Hexachloroethane  
Concen: 32.892 ng  
RT: 9.033 min Scan# 977  
Delta R.T. -0.006 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 252784 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.5  | 75.4  | 113.0  |
| 201      | 93.3  | 71.3  | 106.9  |

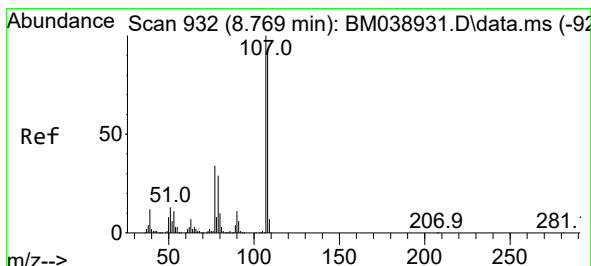
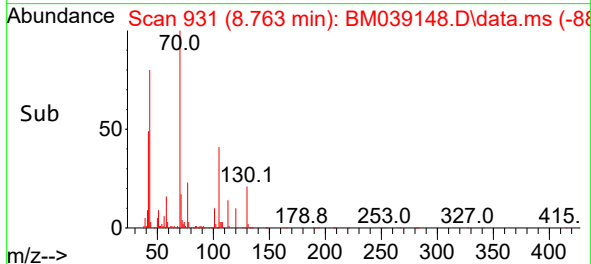
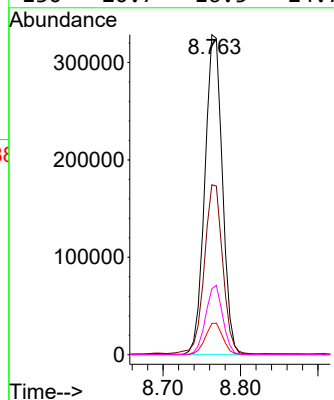
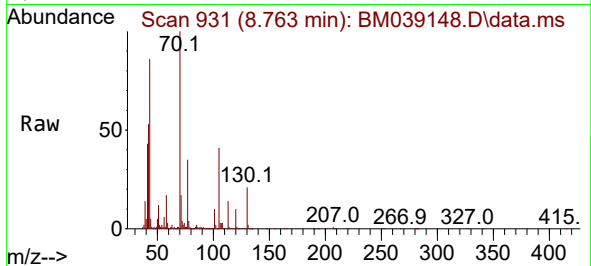




#19  
n-Nitroso-di-n-propylamine  
Concen: 34.842 ng  
RT: 8.763 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

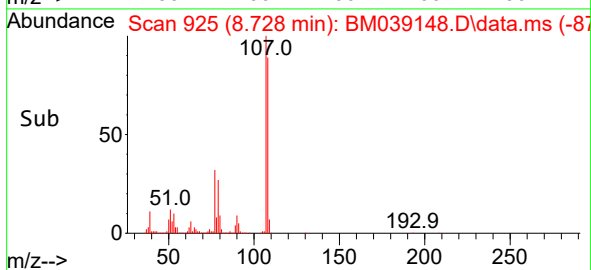
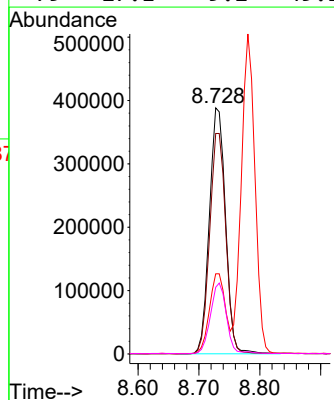
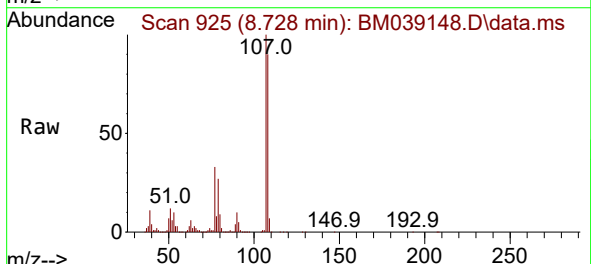
Instrument :  
BNA\_M  
ClientSampleId :  
WC1-20230322MS

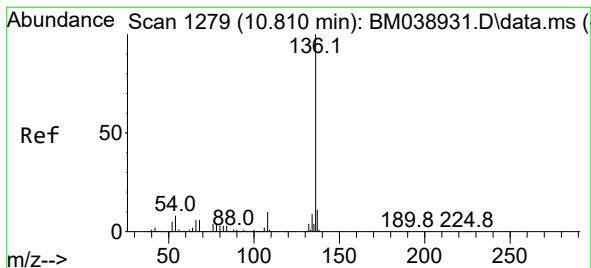
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 516010 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 53.1  | 43.4  | 65.2   |
| 101      | 9.8   | 7.6   | 11.4   |
| 130      | 20.7  | 16.5  | 24.7   |



#20  
3+4-Methylphenols  
Concen: 31.222 ng  
RT: 8.728 min Scan# 925  
Delta R.T. -0.006 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 715059 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 89.6  | 71.8  | 111.8  |
| 77       | 32.5  | 13.6  | 53.6   |
| 79       | 27.1  | 9.2   | 49.2   |

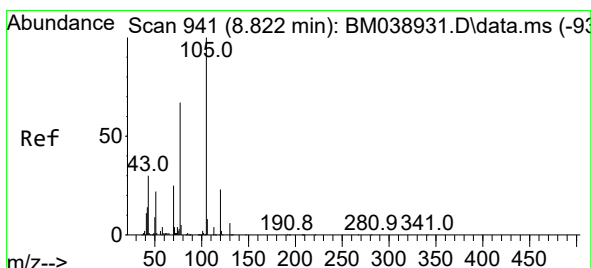
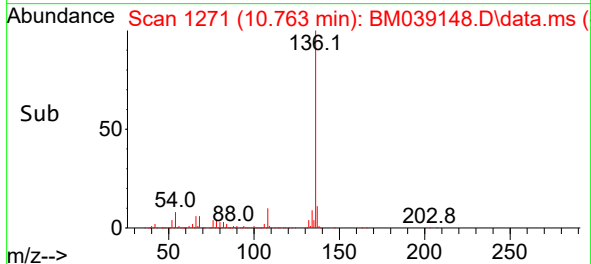
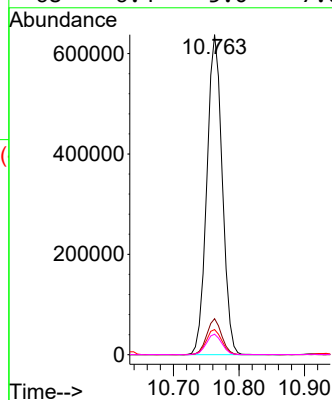
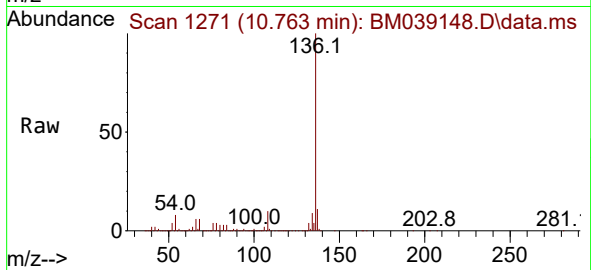




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.763 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

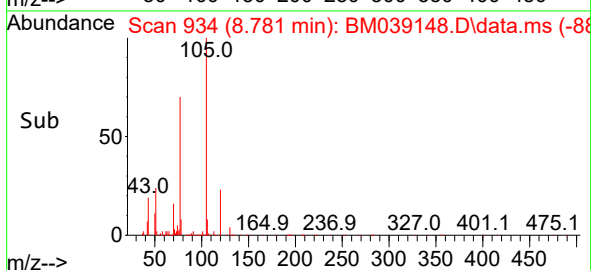
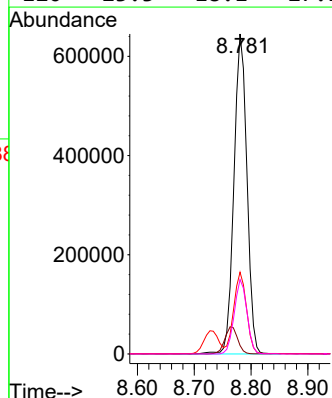
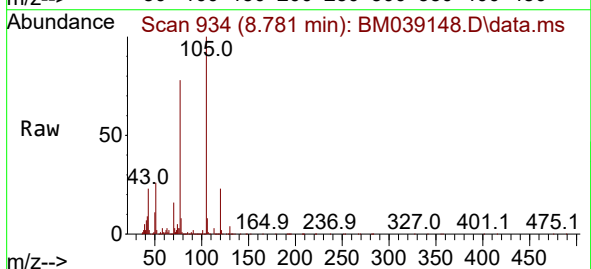
Instrument :  
BNA\_M  
ClientSampleId :  
WC1-20230322MS

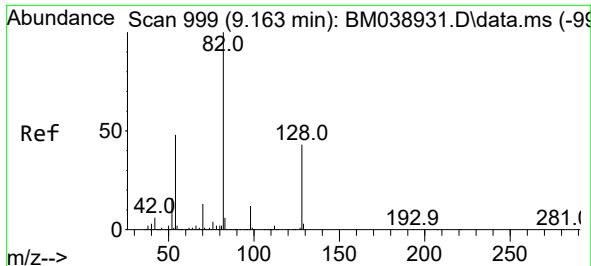
Tgt Ion:136 Resp: 1040483  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.7 13.1  
54 7.8 6.3 9.5  
68 6.4 5.0 7.6



#22  
Acetophenone  
Concen: 34.963 ng  
RT: 8.781 min Scan# 934  
Delta R.T. -0.006 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

Tgt Ion:105 Resp: 1020644  
Ion Ratio Lower Upper  
105 100  
71 2.7 3.4 5.0#  
51 25.6 21.0 31.4  
120 23.3 18.1 27.1

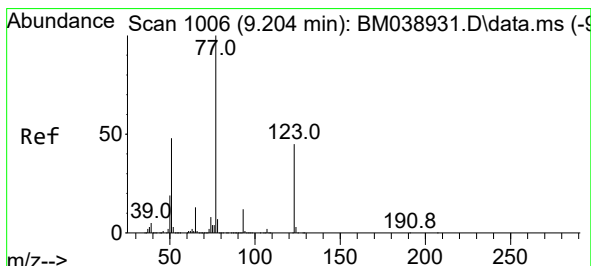
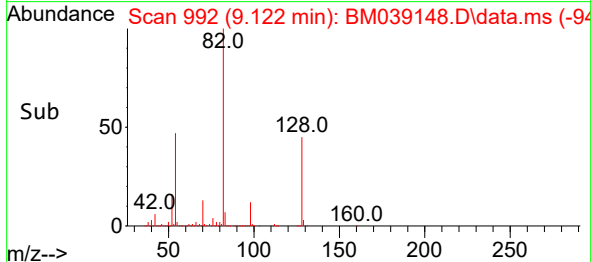
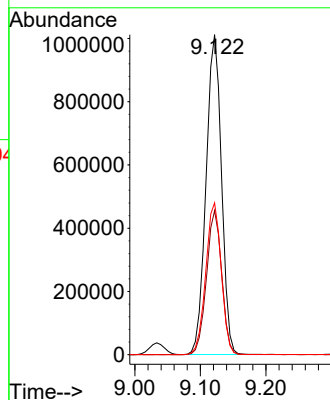
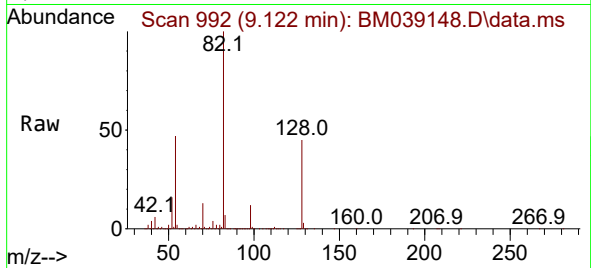




#23  
Nitrobenzene-d5  
Concen: 78.375 ng  
RT: 9.122 min Scan# 999  
Delta R.T. -0.000 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

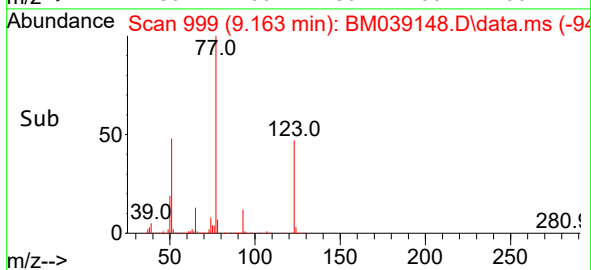
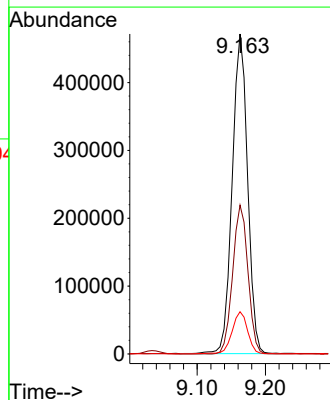
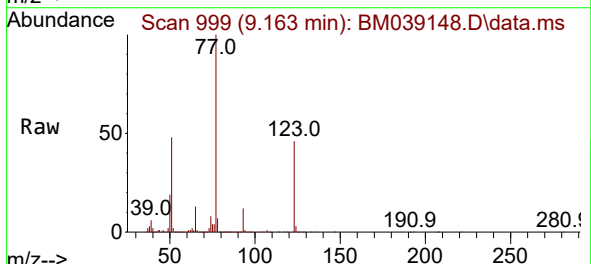
Instrument :  
BNA\_M  
ClientSampleId :  
WC1-20230322MS

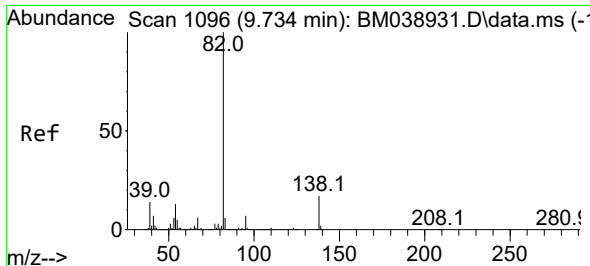
Tgt Ion: 82 Resp: 1660143  
Ion Ratio Lower Upper  
82 100  
128 45.0 34.4 51.6  
54 47.5 38.8 58.2



#24  
Nitrobenzene  
Concen: 33.158 ng  
RT: 9.163 min Scan# 999  
Delta R.T. -0.006 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

Tgt Ion: 77 Resp: 738225  
Ion Ratio Lower Upper  
77 100  
123 46.5 35.8 53.6  
65 13.2 10.2 15.4

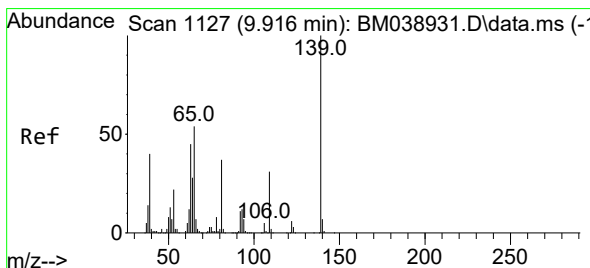
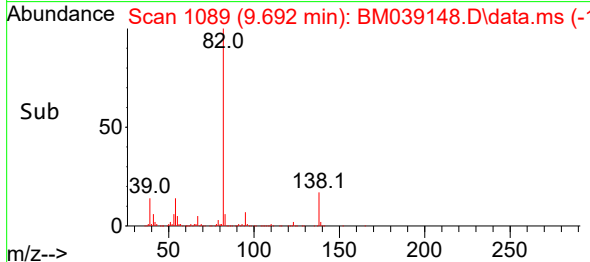
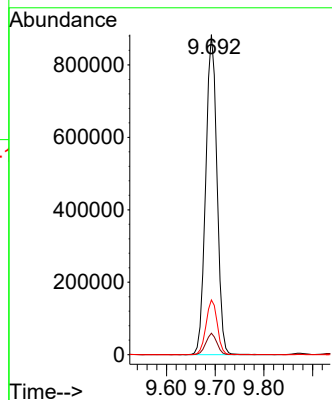
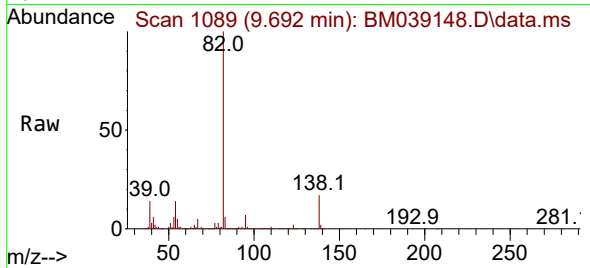




#25  
Isophorone  
Concen: 36.212 ng  
RT: 9.692 min Scan# 1089  
Delta R.T. -0.006 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

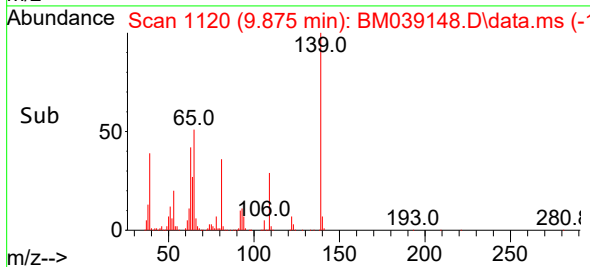
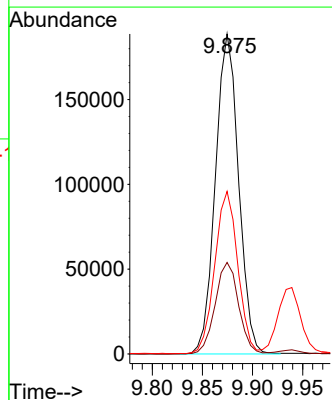
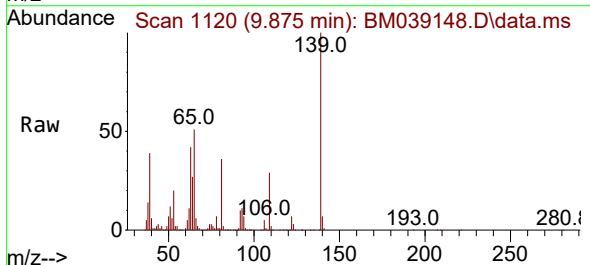
Instrument :  
BNA\_M  
ClientSampleId :  
WC1-20230322MS

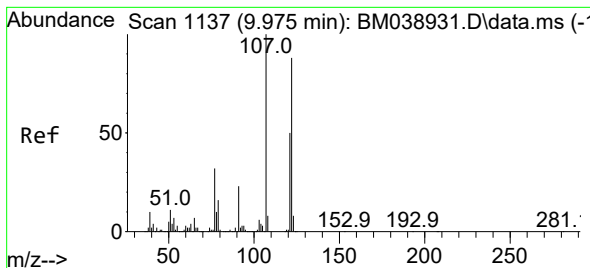
Tgt Ion: 82 Resp: 1411528  
Ion Ratio Lower Upper  
82 100  
95 6.7 5.2 7.8  
138 17.1 13.6 20.4



#26  
2-Nitrophenol  
Concen: 31.906 ng  
RT: 9.875 min Scan# 1120  
Delta R.T. -0.006 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

Tgt Ion: 139 Resp: 303141  
Ion Ratio Lower Upper  
139 100  
109 28.6 24.5 36.7  
65 50.8 43.0 64.6

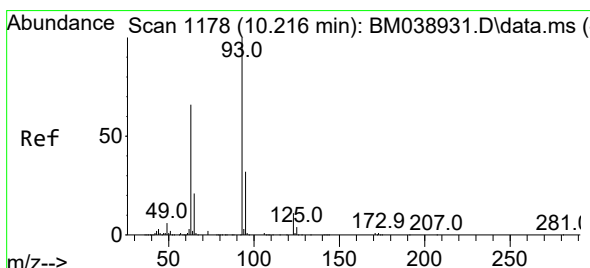
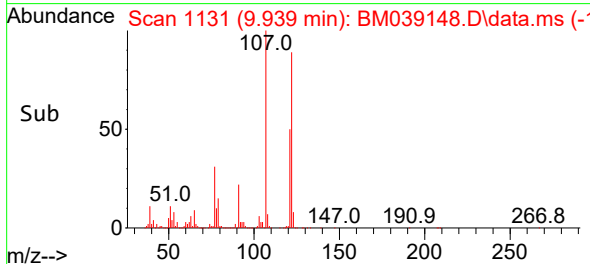
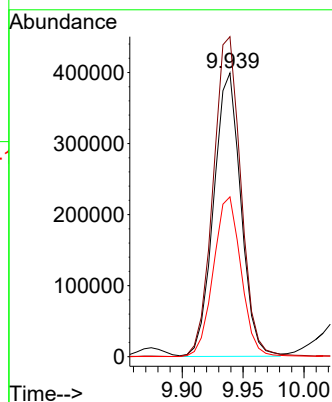
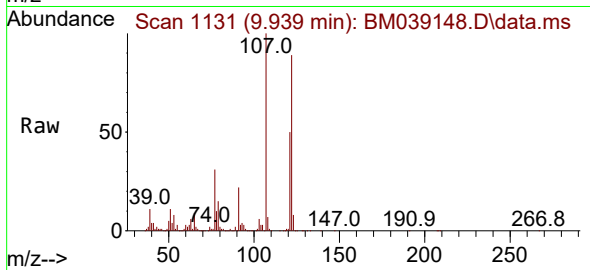




#27  
2,4-Dimethylphenol  
Concen: 36.473 ng  
RT: 9.939 min Scan# 1131  
Delta R.T. -0.000 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

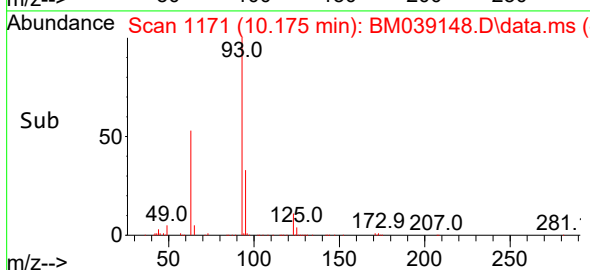
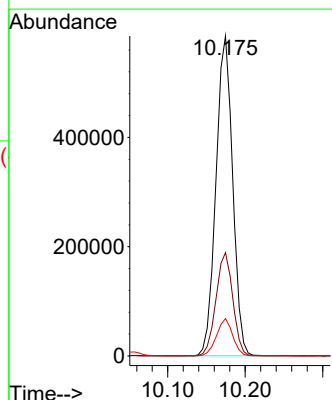
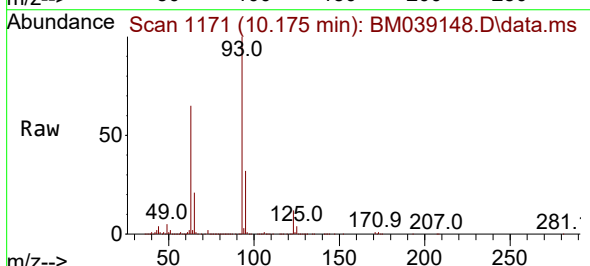
Instrument :  
BNA\_M  
ClientSampleId :  
WC1-20230322MS

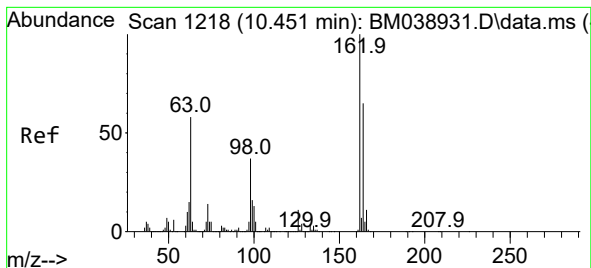
Tgt Ion:122 Resp: 619469  
Ion Ratio Lower Upper  
122 100  
107 112.8 91.0 136.4  
121 56.3 45.1 67.7



#28  
bis(2-Chloroethoxy)methane  
Concen: 34.964 ng  
RT: 10.175 min Scan# 1171  
Delta R.T. -0.000 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

Tgt Ion: 93 Resp: 875687  
Ion Ratio Lower Upper  
93 100  
95 32.3 25.9 38.9  
123 11.7 8.8 13.2

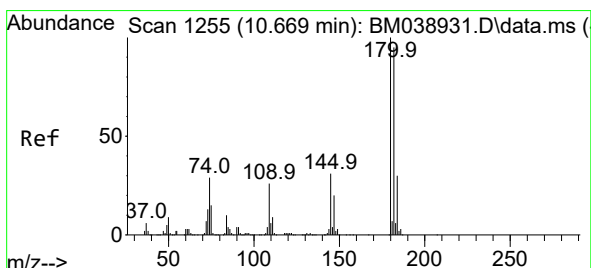
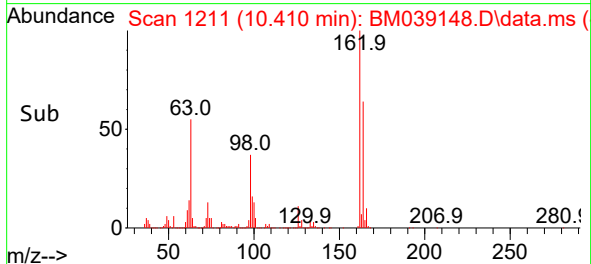
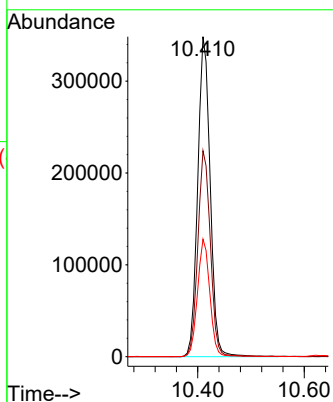
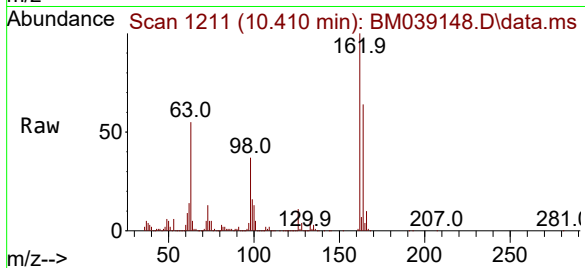




#29  
2,4-Dichlorophenol  
Concen: 35.215 ng  
RT: 10.410 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

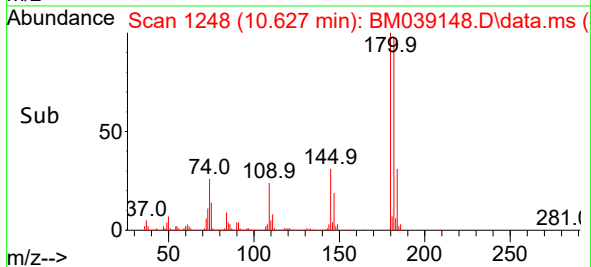
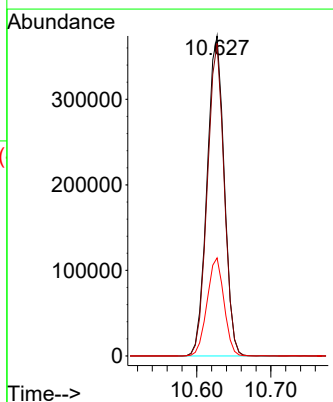
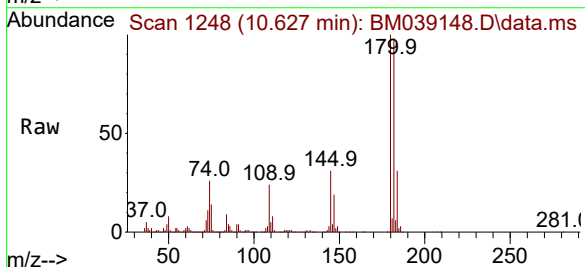
Instrument :  
BNA\_M  
ClientSampleId :  
WC1-20230322MS

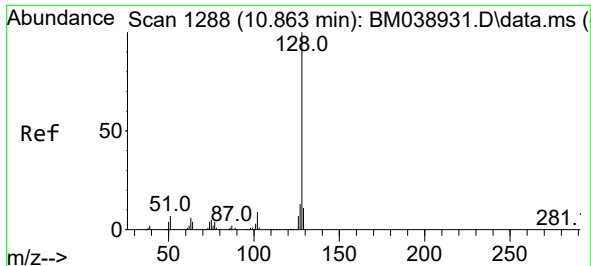
Tgt Ion:162 Resp: 567040  
Ion Ratio Lower Upper  
162 100  
164 64.3 44.6 84.6  
98 36.7 17.5 57.5



#30  
1,2,4-Trichlorobenzene  
Concen: 34.142 ng  
RT: 10.627 min Scan# 1248  
Delta R.T. -0.000 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

Tgt Ion:180 Resp: 600771  
Ion Ratio Lower Upper  
180 100  
182 97.7 76.3 114.5  
145 30.6 25.0 37.4

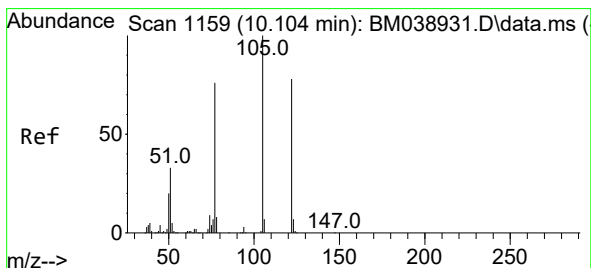
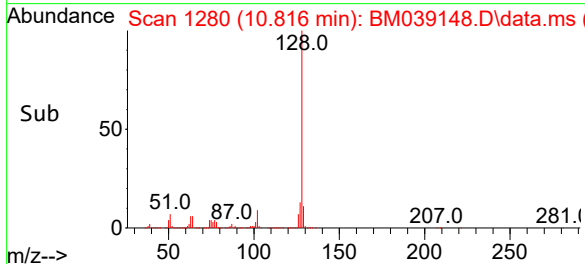
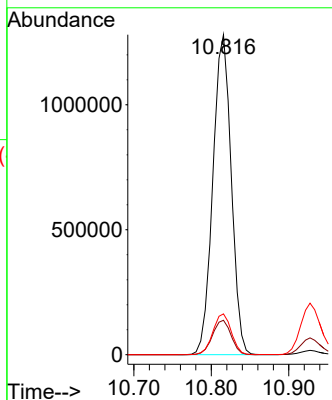
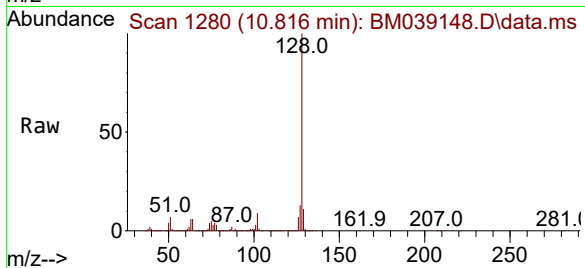




#31  
Naphthalene  
Concen: 35.518 ng  
RT: 10.816 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

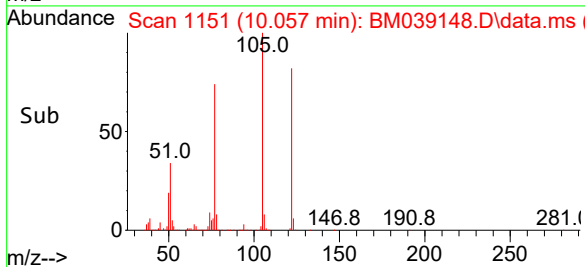
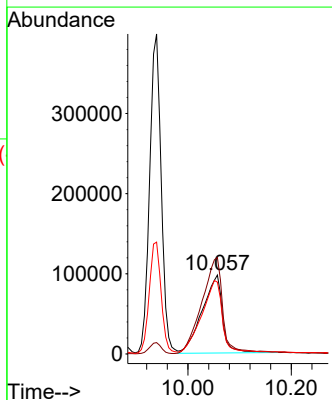
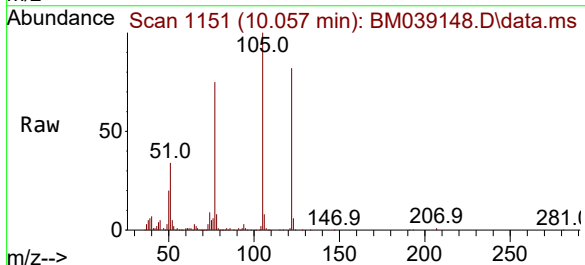
Instrument :  
BNA\_M  
ClientSampleId :  
WC1-20230322MS

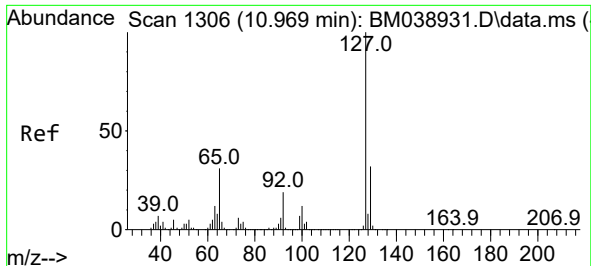
Tgt Ion:128 Resp: 2107264  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.6 13.0  
127 12.8 10.2 15.4



#32  
Benzoic acid  
Concen: 24.624 ng  
RT: 10.057 min Scan# 1151  
Delta R.T. -0.035 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

Tgt Ion:122 Resp: 267341  
Ion Ratio Lower Upper  
122 100  
105 122.4 104.2 144.2  
77 91.2 75.1 115.1

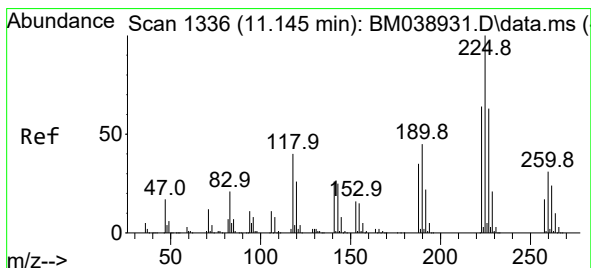
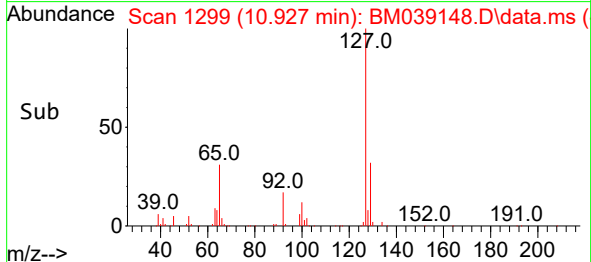
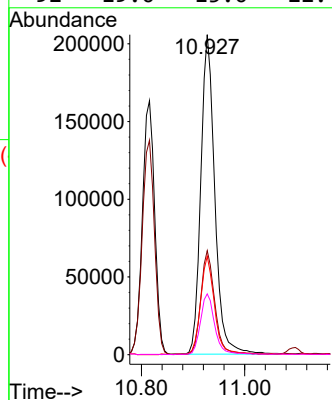
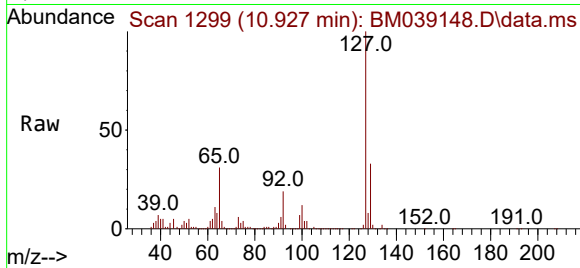




#33  
4-Chloroaniline  
Concen: 15.302 ng  
RT: 10.927 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

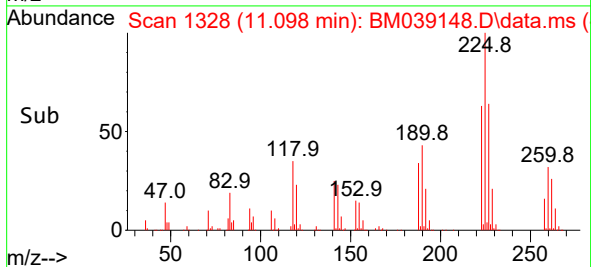
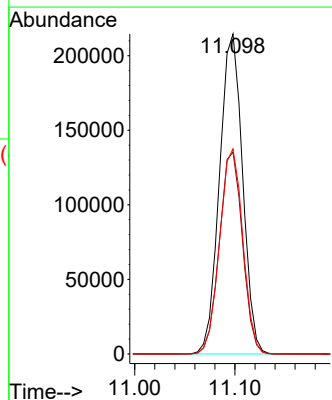
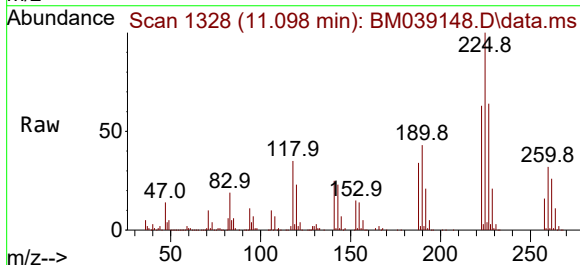
Instrument :  
BNA\_M  
ClientSampleId :  
WC1-20230322MS

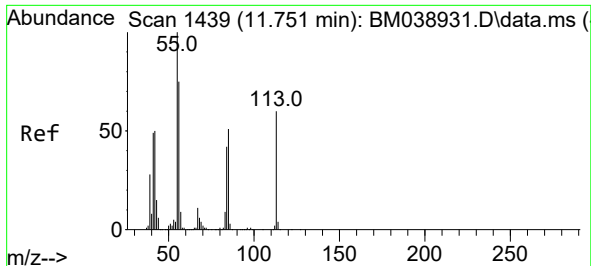
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 127   | Resp: | 386898 |
| Ion Ratio | Lower | Upper |        |
| 127       | 100   |       |        |
| 129       | 32.5  | 25.4  | 38.2   |
| 65        | 30.8  | 24.4  | 36.6   |
| 92        | 19.0  | 15.0  | 22.4   |



#34  
Hexachlorobutadiene  
Concen: 33.919 ng  
RT: 11.098 min Scan# 1328  
Delta R.T. -0.000 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 342271 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 63.1  | 51.3  | 76.9   |
| 227       | 64.1  | 50.6  | 76.0   |

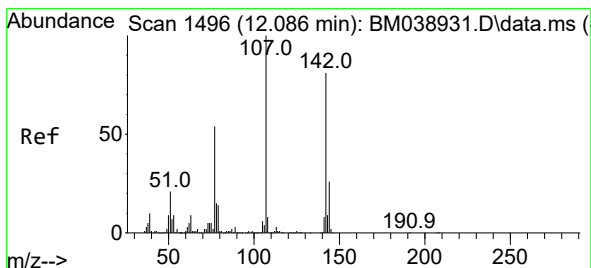
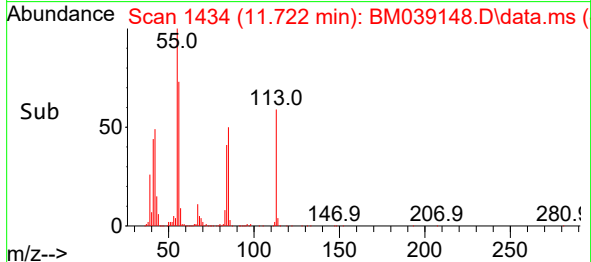
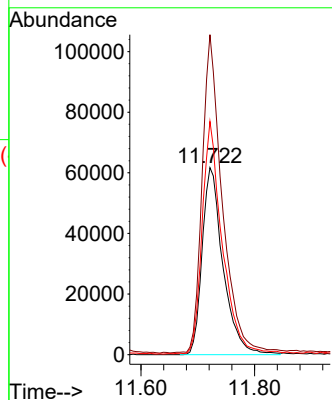
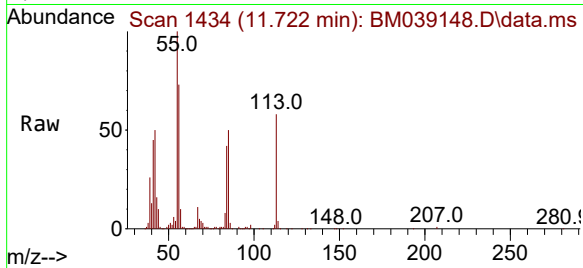




#35  
 Caprolactam  
 Concen: 32.089 ng  
 RT: 11.722 min Scan# 1439  
 Delta R.T. -0.018 min  
 Lab File: BM039148.D  
 Acq: 24 Mar 2023 19:06

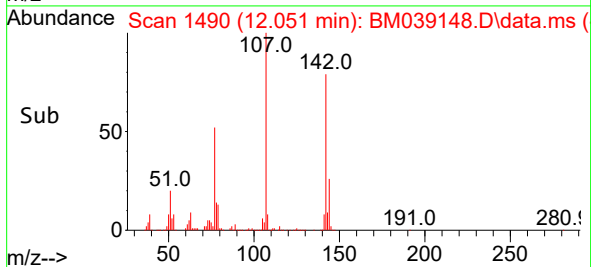
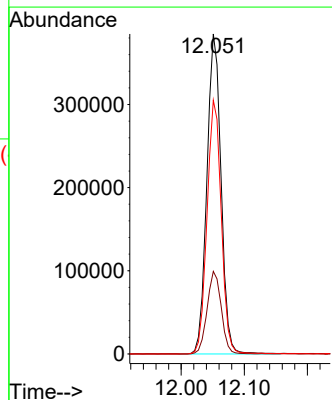
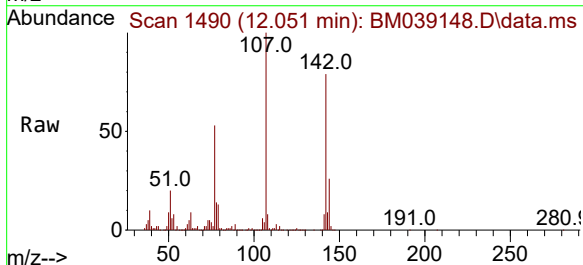
Instrument :  
 BNA\_M  
 ClientSampleId :  
 WC1-20230322MS

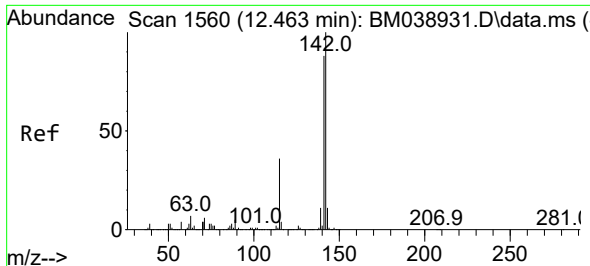
Tgt Ion:113 Resp: 157264  
 Ion Ratio Lower Upper  
 113 100  
 55 171.1 147.0 187.0  
 56 124.7 105.1 145.1



#36  
 4-Chloro-3-methylphenol  
 Concen: 34.887 ng  
 RT: 12.051 min Scan# 1490  
 Delta R.T. -0.006 min  
 Lab File: BM039148.D  
 Acq: 24 Mar 2023 19:06

Tgt Ion:107 Resp: 598197  
 Ion Ratio Lower Upper  
 107 100  
 144 25.8 20.7 31.1  
 142 79.3 64.6 97.0

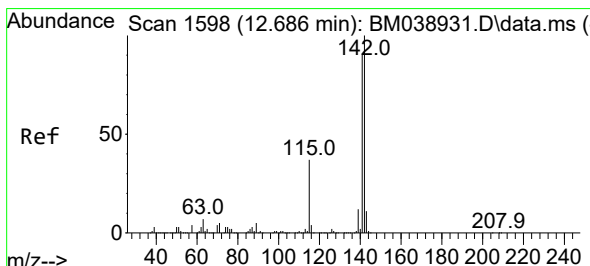
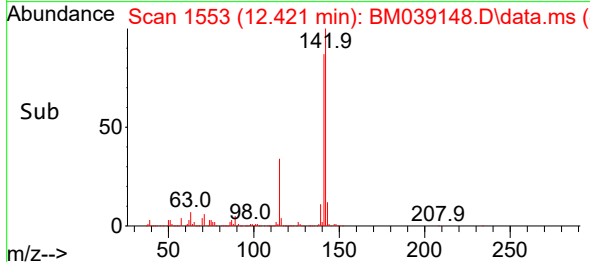
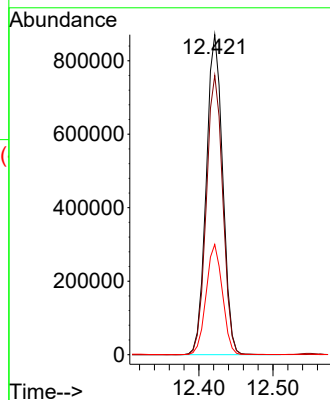
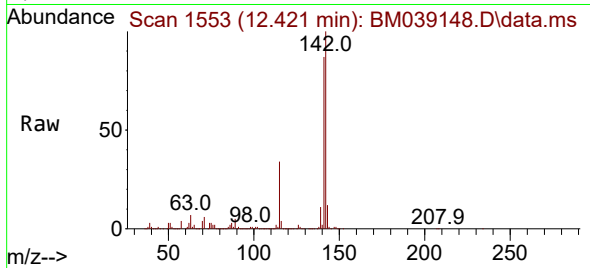




#37  
2-Methylnaphthalene  
Concen: 33.745 ng  
RT: 12.421 min Scan# 1553  
Delta R.T. -0.006 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

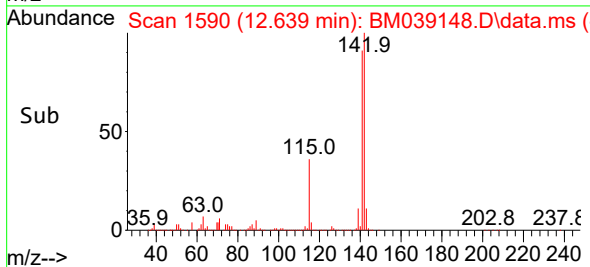
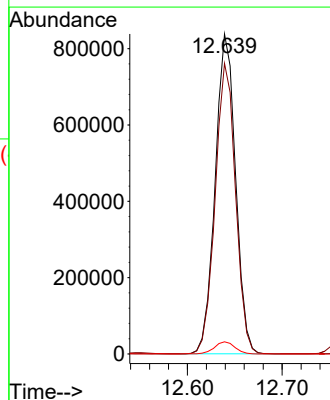
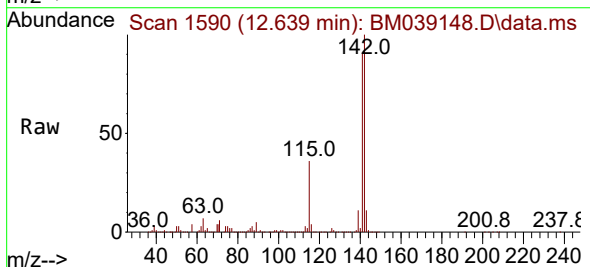
Instrument :  
BNA\_M  
ClientSampleId :  
WC1-20230322MS

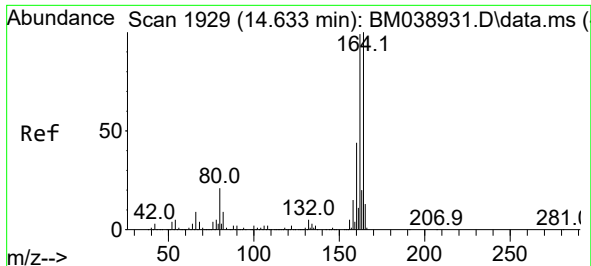
Tgt Ion:142 Resp: 1341902  
Ion Ratio Lower Upper  
142 100  
141 87.2 70.6 106.0  
115 34.5 28.5 42.7



#38  
1-Methylnaphthalene  
Concen: 33.581 ng  
RT: 12.639 min Scan# 1590  
Delta R.T. -0.006 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

Tgt Ion:142 Resp: 1251421  
Ion Ratio Lower Upper  
142 100  
141 90.8 72.8 109.2  
116 3.8 3.0 4.4

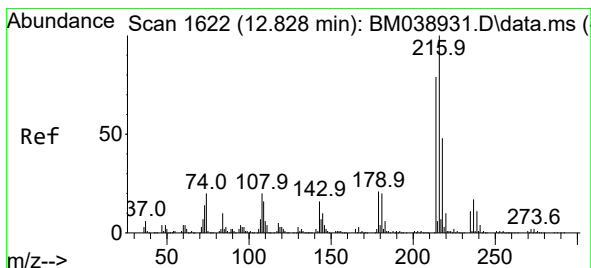
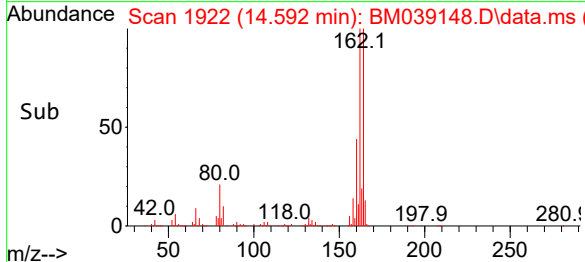
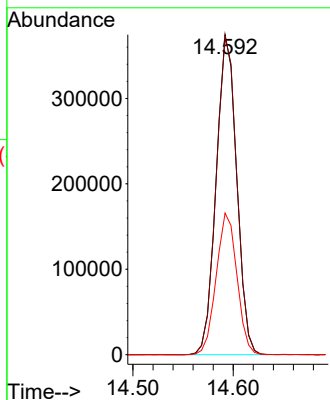
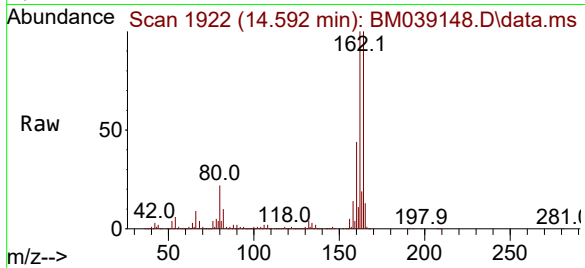




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.592 min Scan# 1615  
Delta R.T. -0.006 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

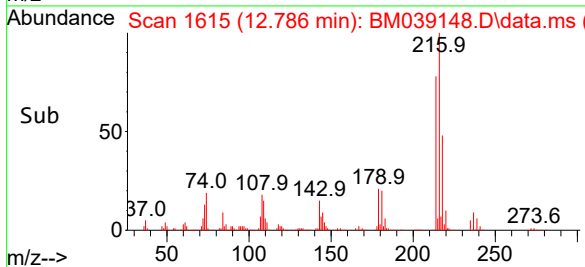
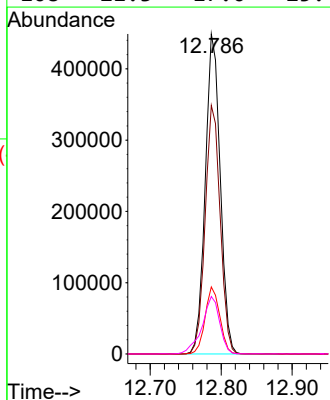
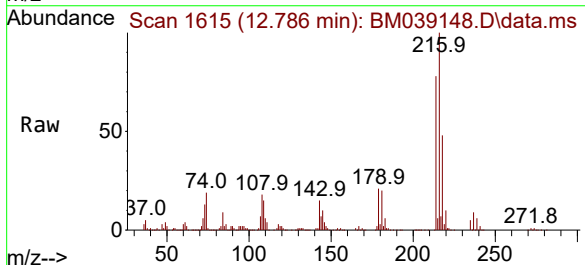
Instrument :  
BNA\_M  
ClientSampleId :  
WC1-20230322MS

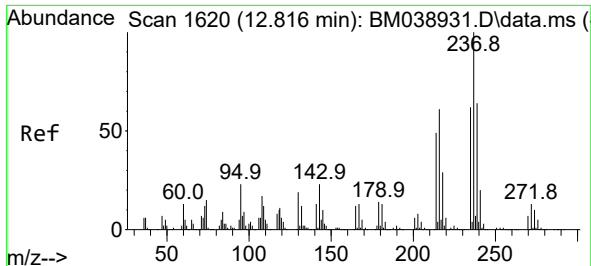
Tgt Ion:164 Resp: 530675  
Ion Ratio Lower Upper  
164 100  
162 99.6 79.2 118.8  
160 44.3 35.5 53.3



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 38.092 ng  
RT: 12.786 min Scan# 1615  
Delta R.T. -0.006 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

Tgt Ion:216 Resp: 657159  
Ion Ratio Lower Upper  
216 100  
214 78.1 63.0 94.4  
179 20.7 16.8 25.2  
108 21.3 17.0 25.4

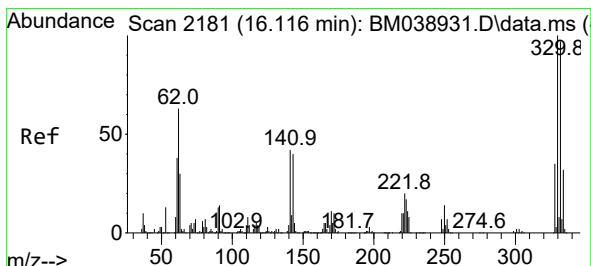
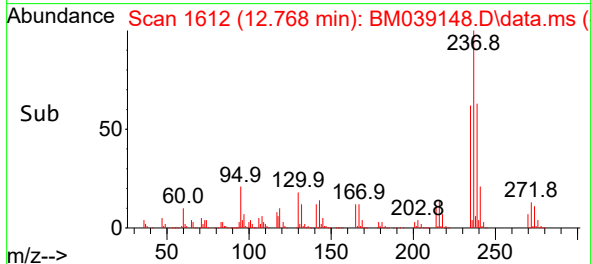
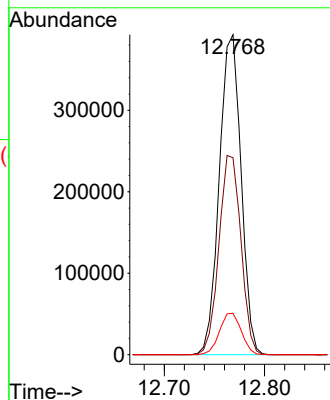
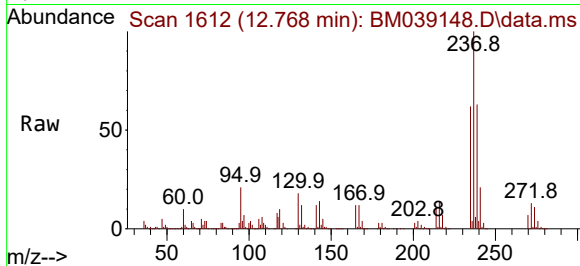




#41  
Hexachlorocyclopentadiene  
Concen: 62.395 ng  
RT: 12.768 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

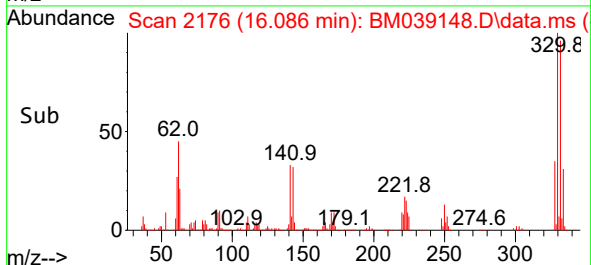
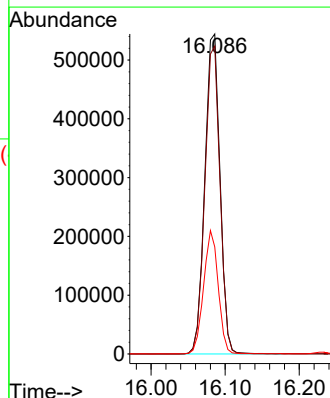
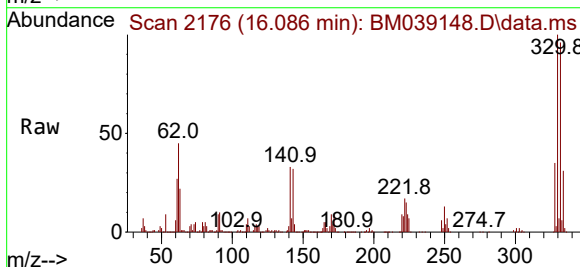
Instrument :  
BNA\_M  
ClientSampleId :  
WC1-20230322MS

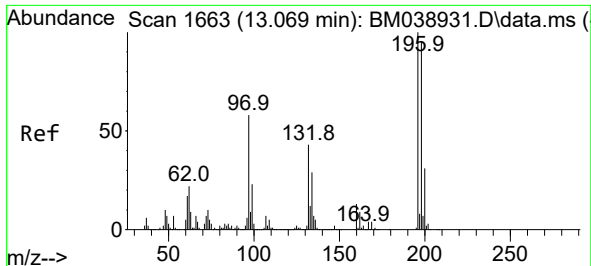
Tgt Ion:237 Resp: 590870  
Ion Ratio Lower Upper  
237 100  
235 61.6 41.7 81.7  
272 13.0 0.0 33.2



#42  
2,4,6-Tribromophenol  
Concen: 126.314 ng  
RT: 16.086 min Scan# 2176  
Delta R.T. -0.000 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

Tgt Ion:330 Resp: 775452  
Ion Ratio Lower Upper  
330 100  
332 95.9 77.4 116.0  
141 37.3 32.2 48.4

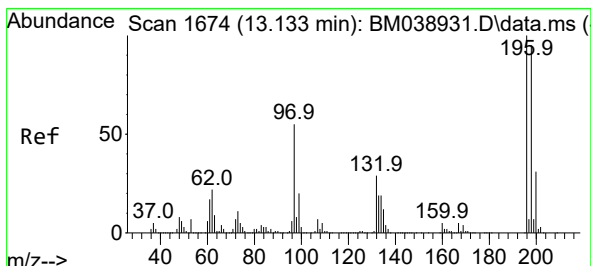
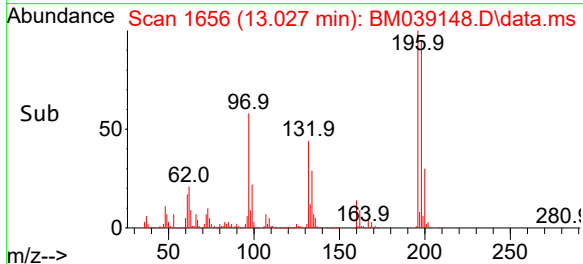
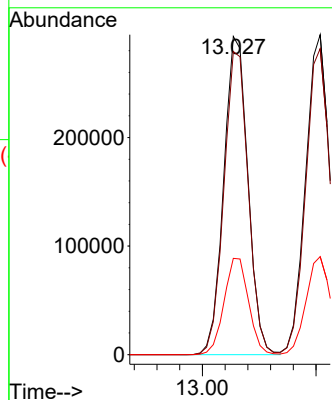
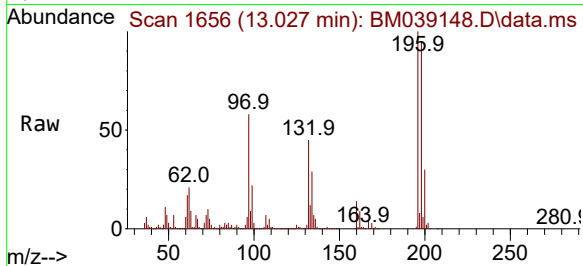




#43  
2,4,6-Trichlorophenol  
Concen: 38.902 ng  
RT: 13.027 min Scan# 1656  
Delta R.T. -0.006 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

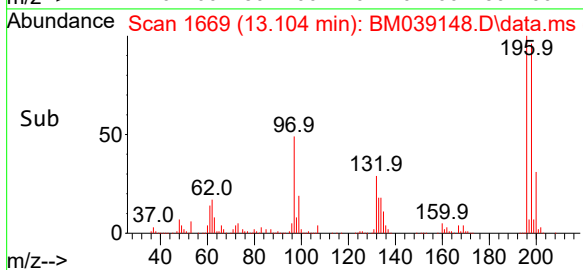
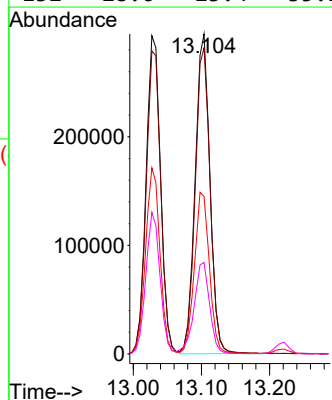
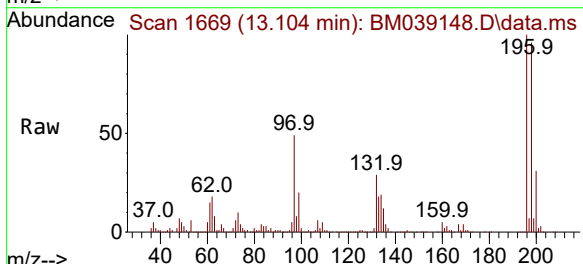
Instrument :  
BNA\_M  
ClientSampleId :  
WC1-20230322MS

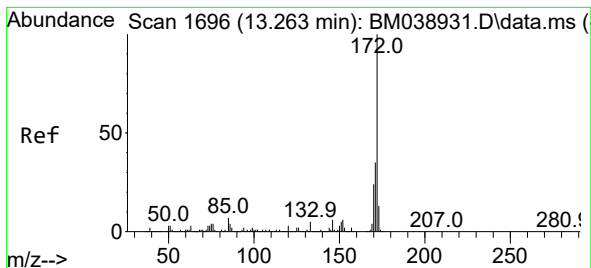
Tgt Ion:196 Resp: 434598  
Ion Ratio Lower Upper  
196 100  
198 95.2 75.8 113.8  
200 30.3 25.0 37.4



#44  
2,4,5-Trichlorophenol  
Concen: 34.069 ng  
RT: 13.104 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

Tgt Ion:196 Resp: 445497  
Ion Ratio Lower Upper  
196 100  
198 95.6 76.3 114.5  
97 49.2 44.2 66.4  
132 28.6 23.4 35.2

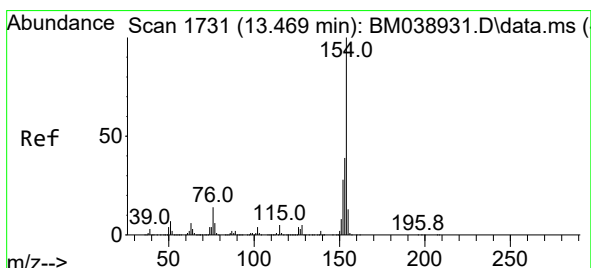
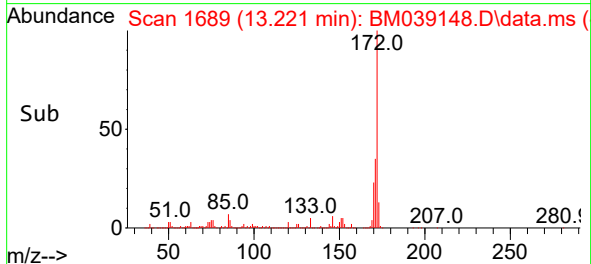
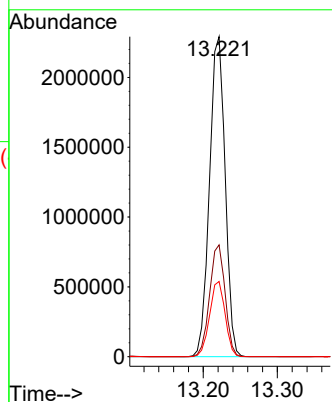
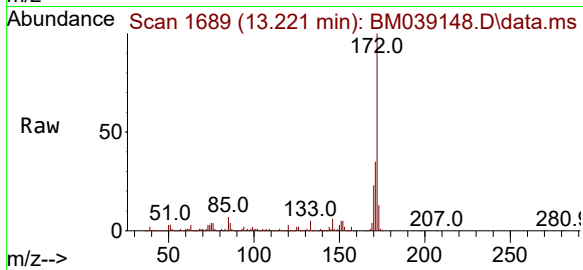




#45  
2-Fluorobiphenyl  
Concen: 82.366 ng  
RT: 13.221 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

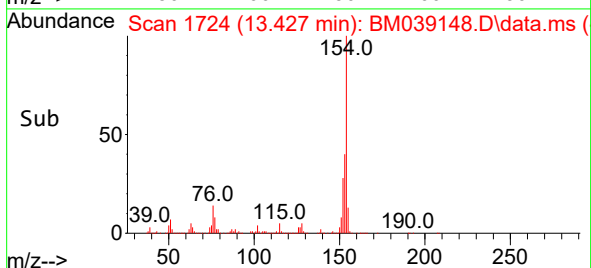
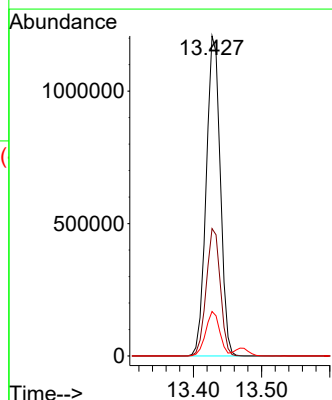
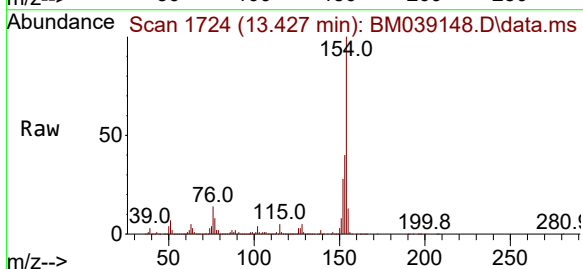
Instrument :  
BNA\_M  
ClientSampleId :  
WC1-20230322MS

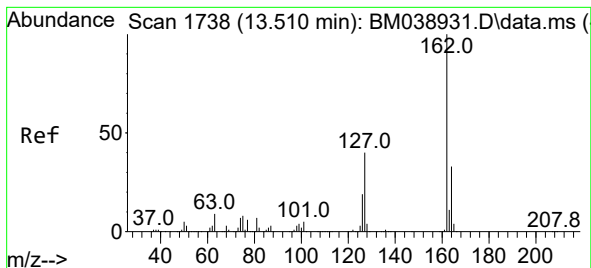
Tgt Ion:172 Resp: 3357624  
Ion Ratio Lower Upper  
172 100  
171 35.0 28.2 42.2  
170 23.5 19.1 28.7



#46  
1,1'-Biphenyl  
Concen: 38.582 ng  
RT: 13.427 min Scan# 1724  
Delta R.T. -0.006 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

Tgt Ion:154 Resp: 1734533  
Ion Ratio Lower Upper  
154 100  
153 39.8 19.3 59.3  
76 13.9 0.0 34.0





#47

2-Chloronaphthalene

Concen: 38.240 ng

RT: 13.474 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM039148.D

Acq: 24 Mar 2023 19:06

Instrument :

BNA\_M

ClientSampleId :

WC1-20230322MS

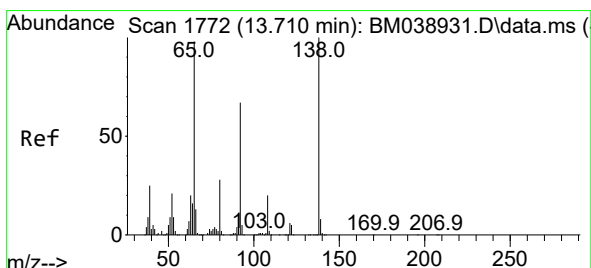
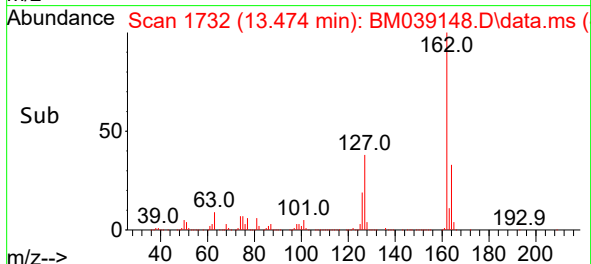
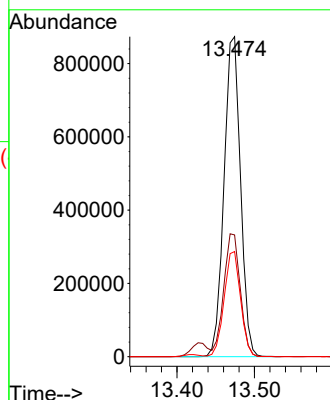
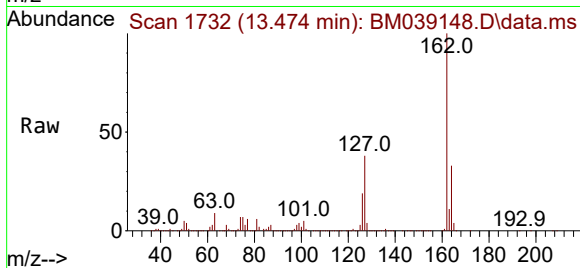
Tgt Ion:162 Resp: 1296373

Ion Ratio Lower Upper

162 100

127 38.0 32.1 48.1

164 32.8 26.2 39.4



#48

2-Nitroaniline

Concen: 37.660 ng

RT: 13.680 min Scan# 1767

Delta R.T. -0.000 min

Lab File: BM039148.D

Acq: 24 Mar 2023 19:06

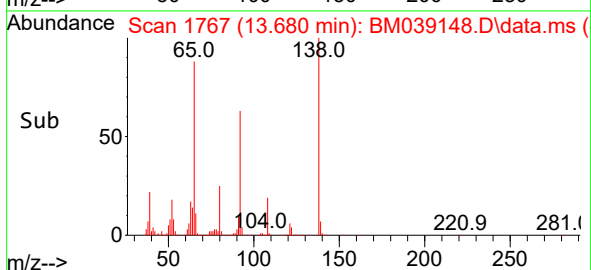
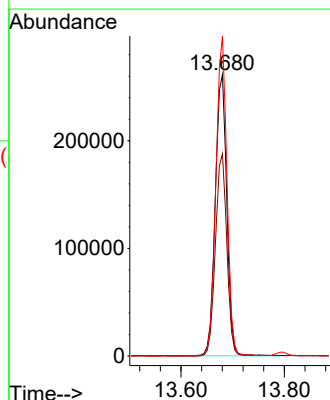
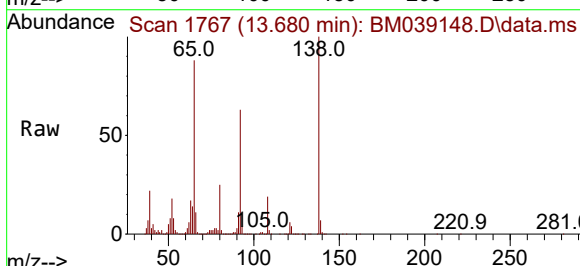
Tgt Ion: 65 Resp: 403335

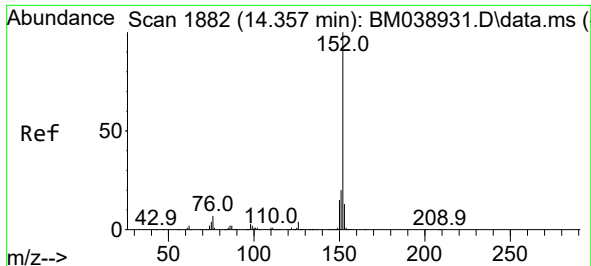
Ion Ratio Lower Upper

65 100

92 71.9 54.9 82.3

138 113.8 81.6 122.4

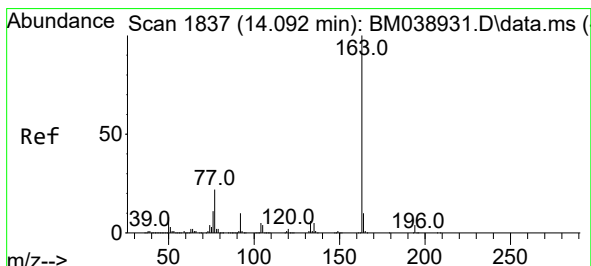
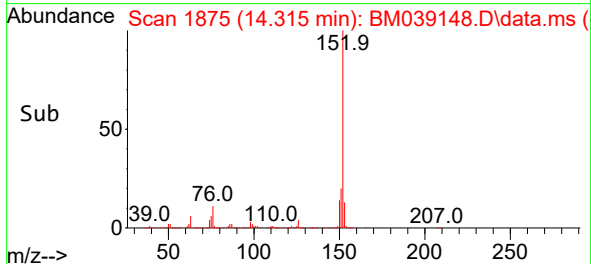
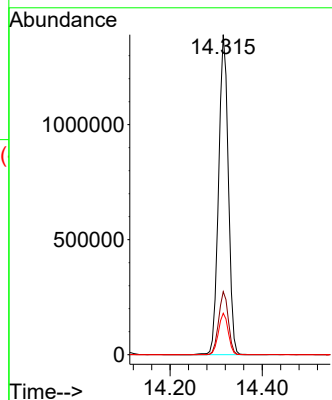
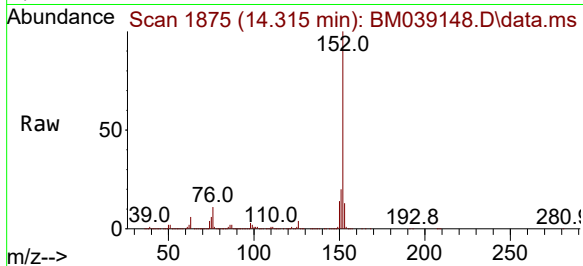




#49  
Acenaphthylene  
Concen: 37.504 ng  
RT: 14.315 min Scan# 1875  
Delta R.T. -0.006 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

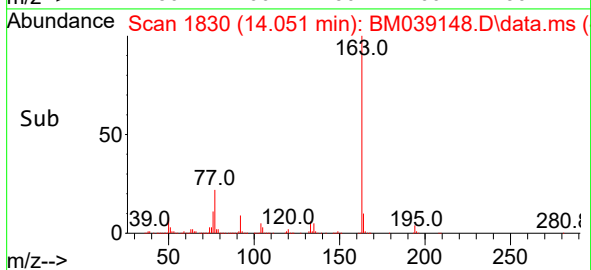
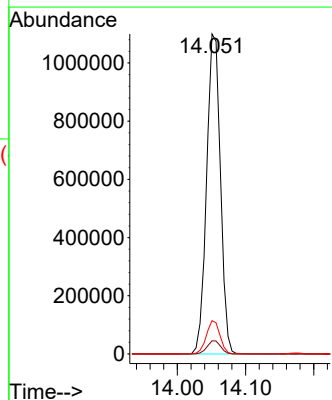
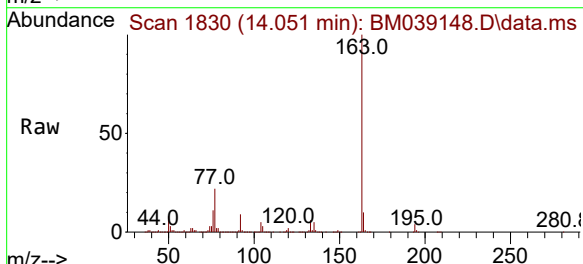
Instrument :  
BNA\_M  
ClientSampleId :  
WC1-20230322MS

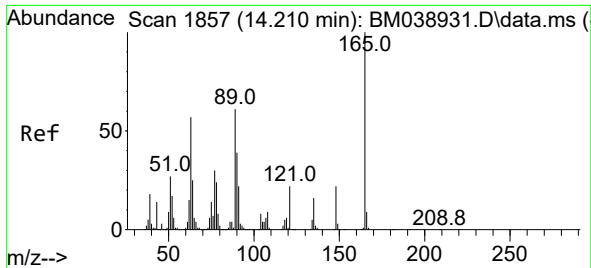
Tgt Ion:152 Resp: 2025196  
Ion Ratio Lower Upper  
152 100  
151 19.7 15.8 23.8  
153 12.9 10.4 15.6



#50  
Dimethylphthalate  
Concen: 37.984 ng  
RT: 14.051 min Scan# 1830  
Delta R.T. -0.012 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

Tgt Ion:163 Resp: 1551094  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.1 4.7  
164 10.4 8.1 12.1

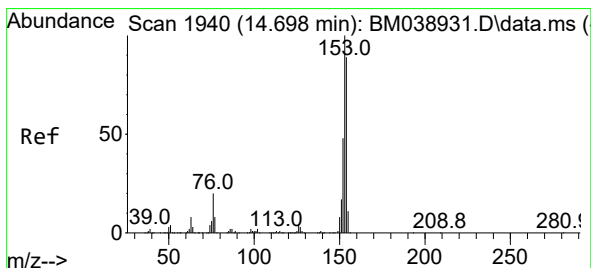
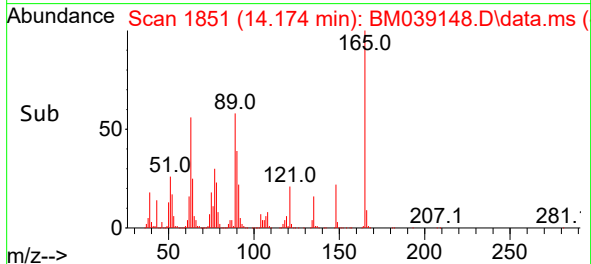
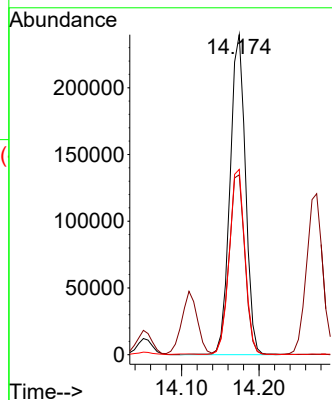
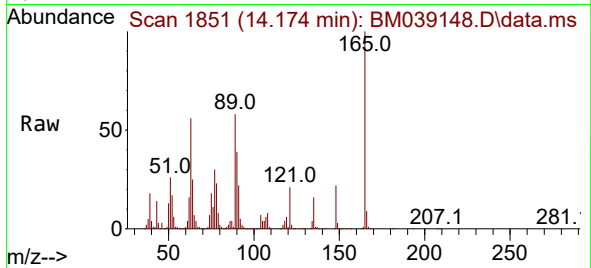




#51  
2,6-Dinitrotoluene  
Concen: 37.262 ng  
RT: 14.174 min Scan# 1851  
Delta R.T. -0.006 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

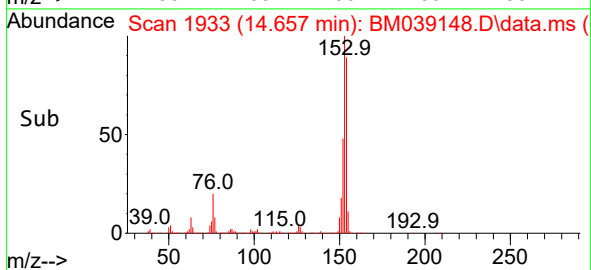
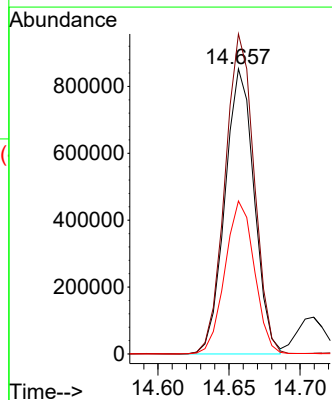
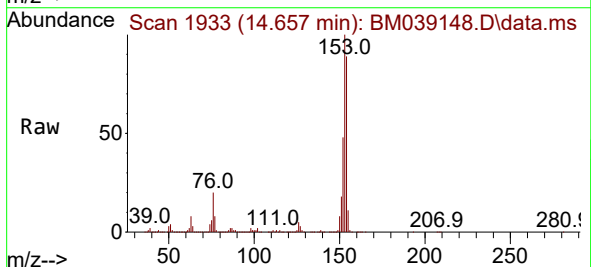
Instrument :  
BNA\_M  
ClientSampleId :  
WC1-20230322MS

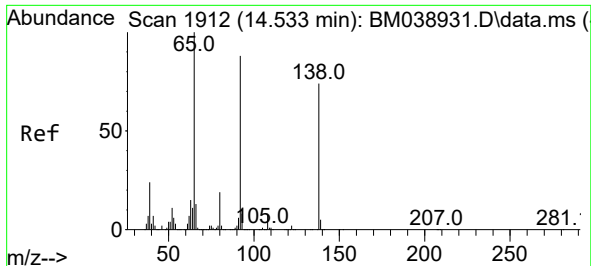
Tgt Ion:165 Resp: 333396  
Ion Ratio Lower Upper  
165 100  
63 56.2 46.6 70.0  
89 57.9 48.6 73.0



#52  
Acenaphthene  
Concen: 36.828 ng  
RT: 14.657 min Scan# 1933  
Delta R.T. -0.006 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

Tgt Ion:154 Resp: 1222179  
Ion Ratio Lower Upper  
154 100  
153 112.2 90.2 135.2  
152 53.7 43.4 65.2

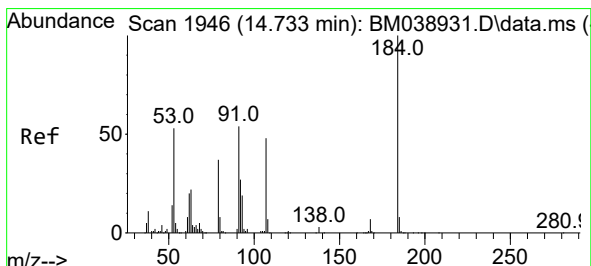
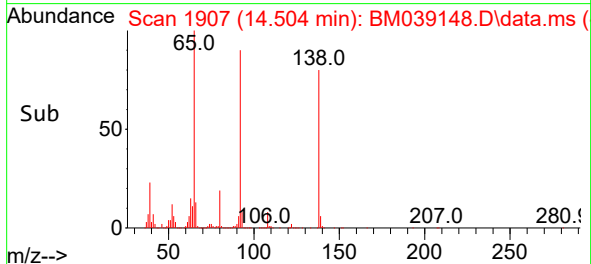
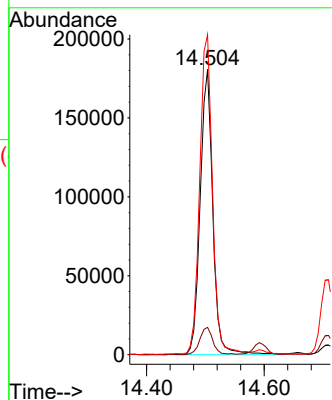
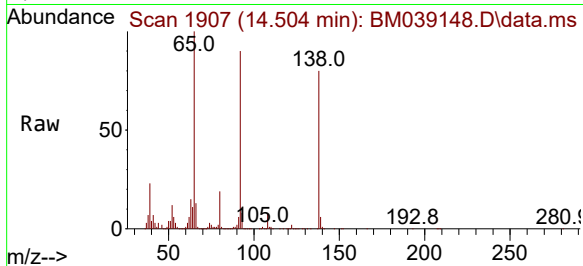




#53  
3-Nitroaniline  
Concen: 26.198 ng  
RT: 14.504 min Scan# 1907  
Delta R.T. -0.006 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

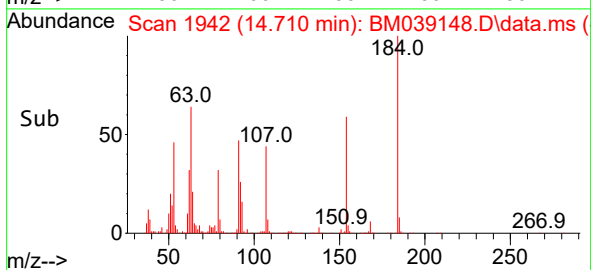
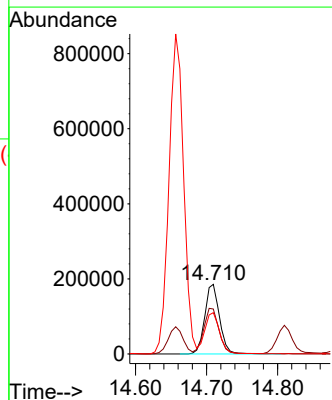
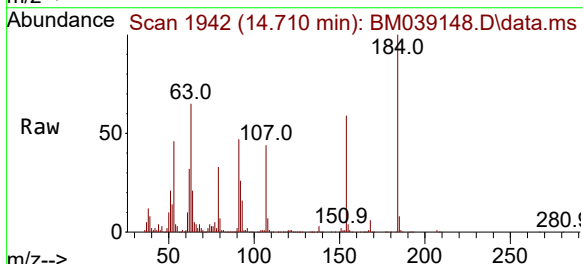
Instrument :  
BNA\_M  
ClientSampleId :  
WC1-20230322MS

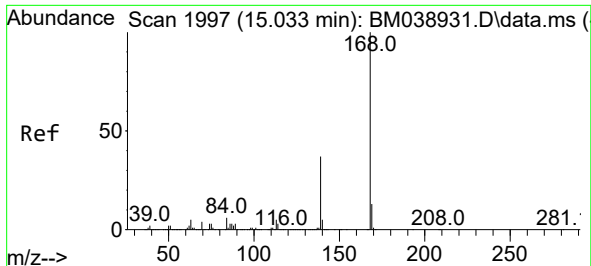
Tgt Ion:138 Resp: 268697  
Ion Ratio Lower Upper  
138 100  
108 9.6 8.3 12.5  
92 112.3 95.8 143.8



#54  
2,4-Dinitrophenol  
Concen: 53.610 ng  
RT: 14.710 min Scan# 1942  
Delta R.T. -0.006 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

Tgt Ion:184 Resp: 268768  
Ion Ratio Lower Upper  
184 100  
63 64.7 60.6 90.8  
154 59.5 51.4 77.2

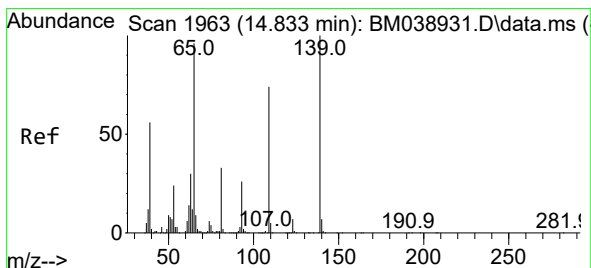
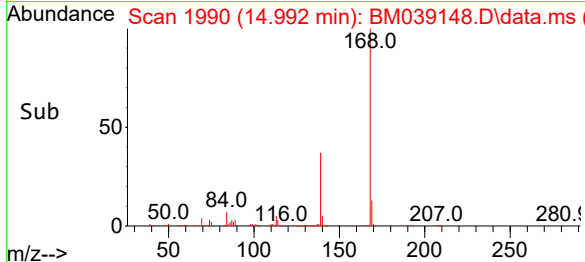
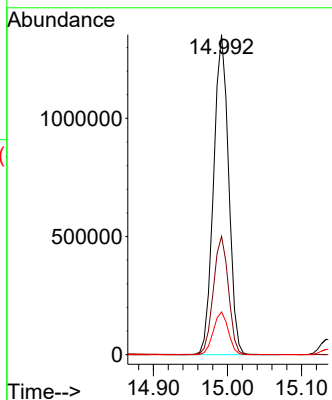
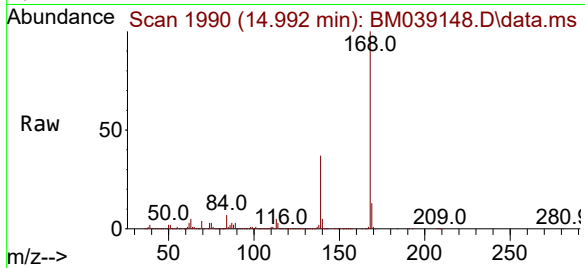




#55  
Dibenzofuran  
Concen: 36.711 ng  
RT: 14.992 min Scan# 1990  
Delta R.T. -0.006 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

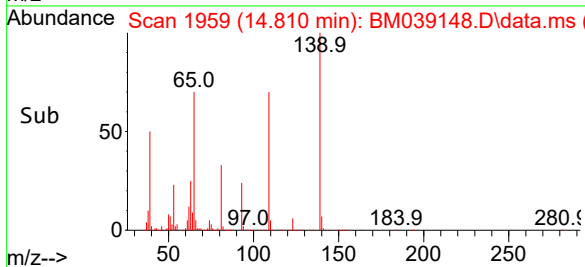
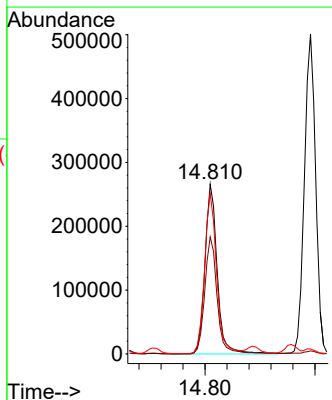
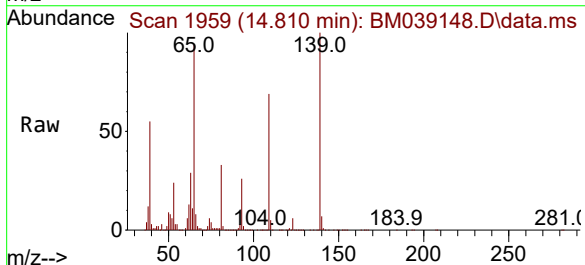
Instrument :  
BNA\_M  
ClientSampleId :  
WC1-20230322MS

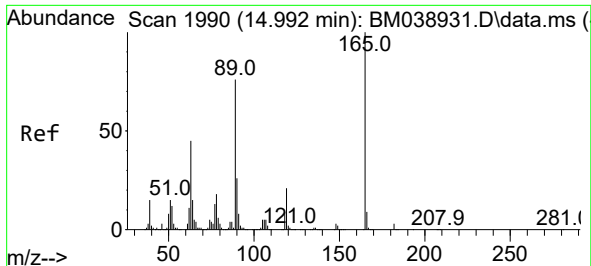
Tgt Ion:168 Resp: 1906474  
Ion Ratio Lower Upper  
168 100  
139 37.0 29.9 44.9  
169 13.3 10.7 16.1



#56  
4-Nitrophenol  
Concen: 50.595 ng  
RT: 14.810 min Scan# 1959  
Delta R.T. -0.006 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

Tgt Ion:139 Resp: 410325  
Ion Ratio Lower Upper  
139 100  
109 68.9 53.5 93.5  
65 94.5 76.4 116.4





#57

2,4-Dinitrotoluene

Concen: 35.033 ng

RT: 14.957 min Scan# 1990

Delta R.T. -0.006 min

Lab File: BM039148.D

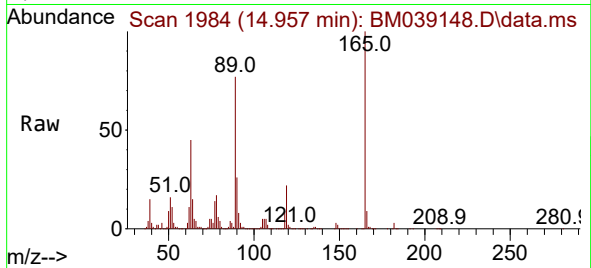
Acq: 24 Mar 2023 19:06

Instrument :

BNA\_M

ClientSampleId :

WC1-20230322MS



Tgt Ion:165 Resp: 409415

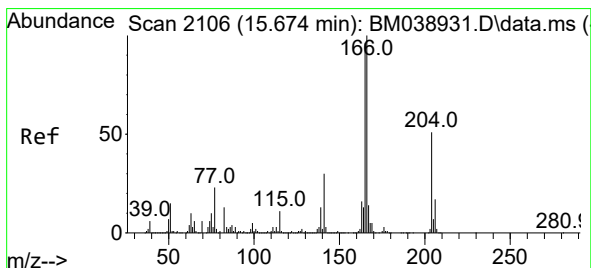
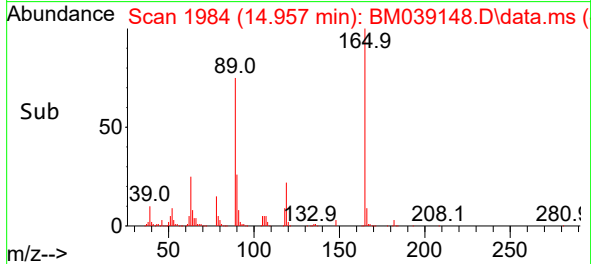
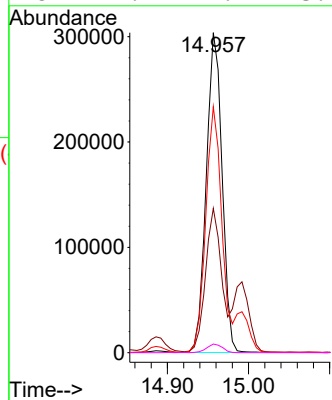
Ion Ratio Lower Upper

165 100

63 45.1 35.9 53.9

89 76.9 61.0 91.6

182 2.7 2.1 3.1



#58

Fluorene

Concen: 37.066 ng

RT: 15.639 min Scan# 2100

Delta R.T. -0.006 min

Lab File: BM039148.D

Acq: 24 Mar 2023 19:06

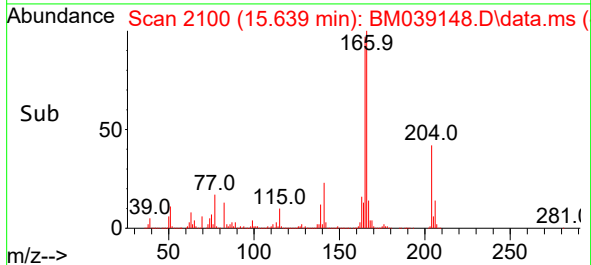
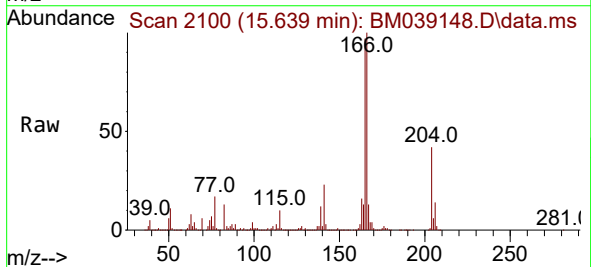
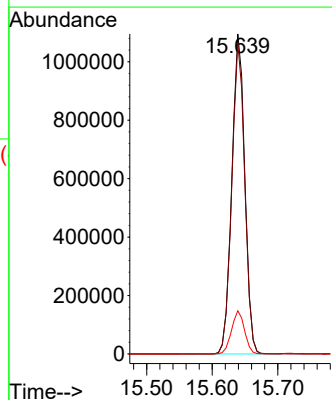
Tgt Ion:166 Resp: 1507827

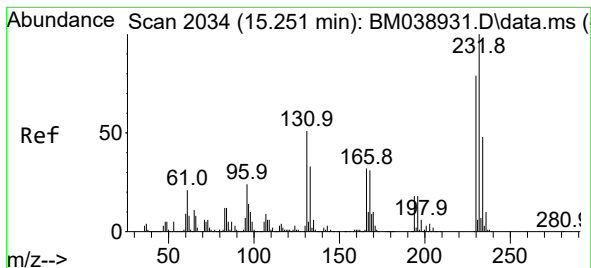
Ion Ratio Lower Upper

166 100

165 97.1 77.1 115.7

167 13.5 10.9 16.3

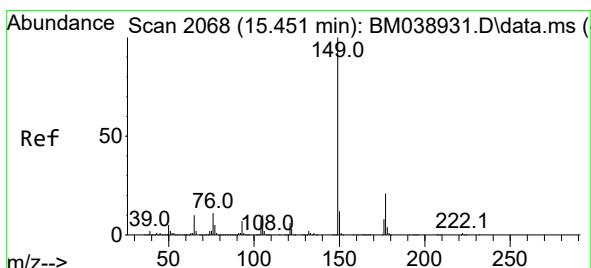
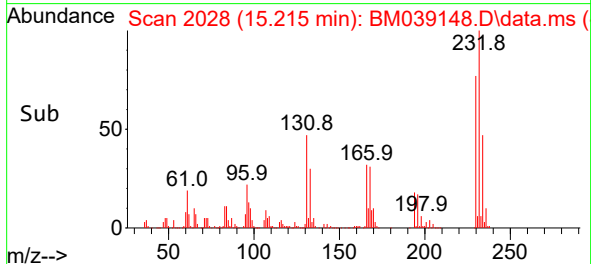
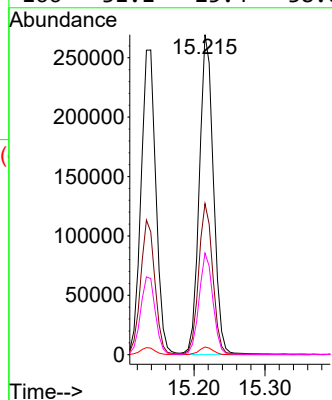
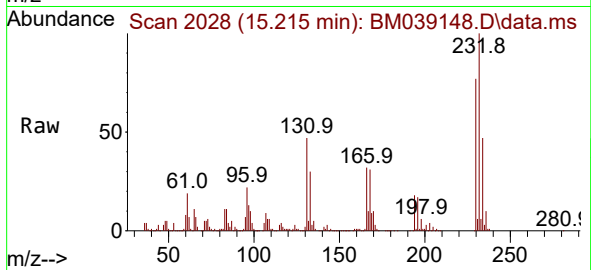




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 36.827 ng  
RT: 15.215 min Scan# 2034  
Delta R.T. -0.006 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

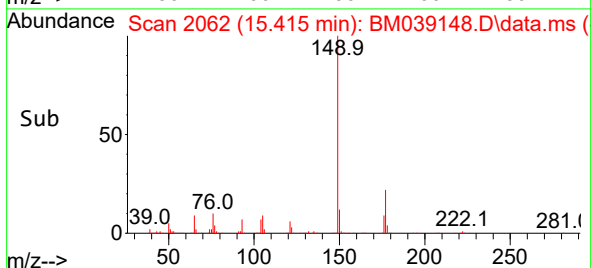
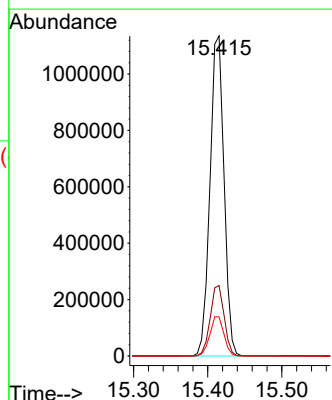
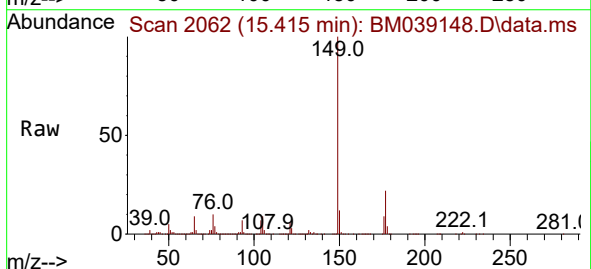
Instrument :  
BNA\_M  
ClientSampleId :  
WC1-20230322MS

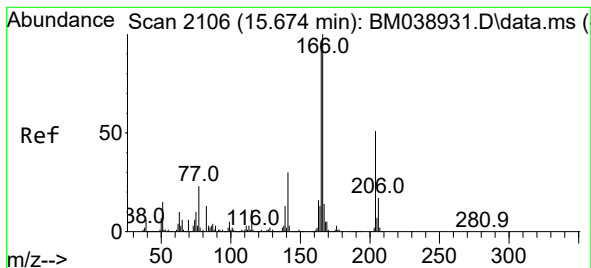
Tgt Ion:232 Resp: 371395  
Ion Ratio Lower Upper  
232 100  
131 47.3 40.0 60.0  
130 2.4 2.0 3.0  
166 31.1 25.4 38.0



#60  
Diethylphthalate  
Concen: 37.611 ng  
RT: 15.415 min Scan# 2062  
Delta R.T. -0.000 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

Tgt Ion:149 Resp: 1494398  
Ion Ratio Lower Upper  
149 100  
177 22.0 17.1 25.7  
150 12.2 9.7 14.5

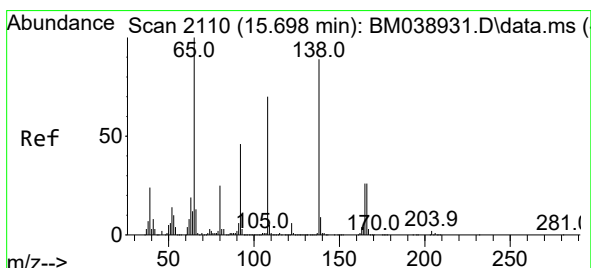
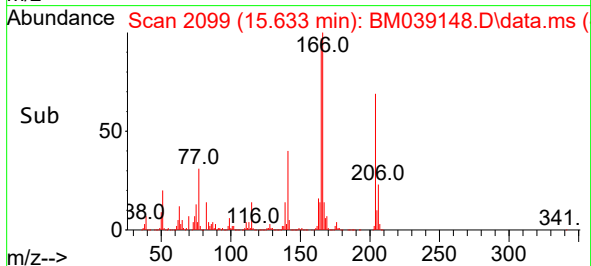
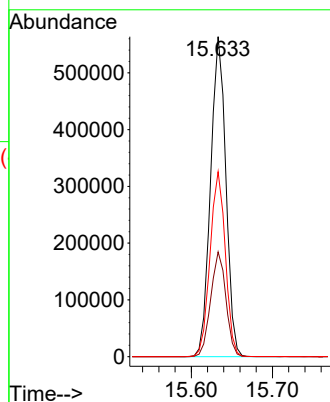
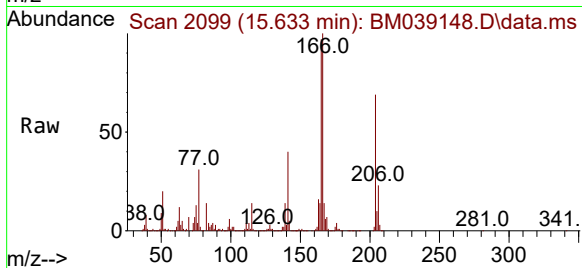




#61  
4-Chlorophenyl-phenylether  
Concen: 36.797 ng  
RT: 15.633 min Scan# 2099  
Delta R.T. -0.006 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

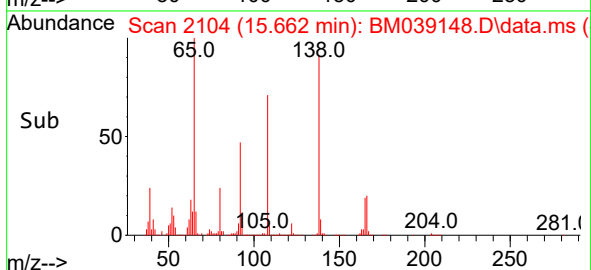
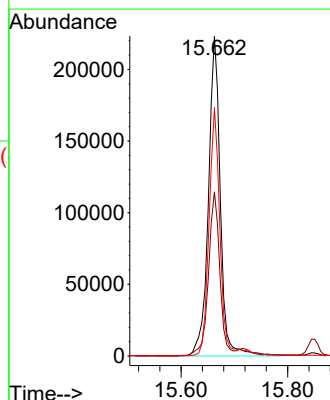
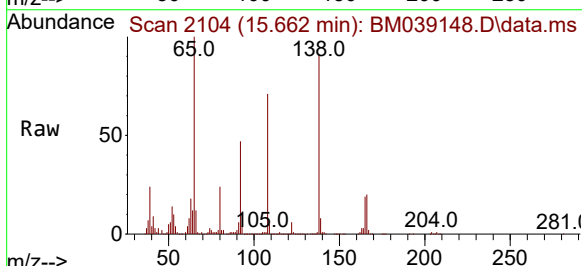
Instrument :  
BNA\_M  
ClientSampleId :  
WC1-20230322MS

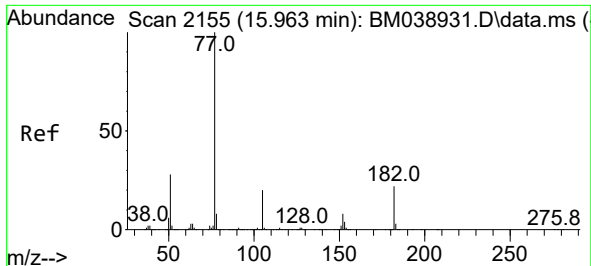
Tgt Ion:204 Resp: 735374  
Ion Ratio Lower Upper  
204 100  
206 32.8 26.4 39.6  
141 57.8 46.4 69.6



#62  
4-Nitroaniline  
Concen: 32.917 ng  
RT: 15.662 min Scan# 2104  
Delta R.T. -0.012 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

Tgt Ion:138 Resp: 347588  
Ion Ratio Lower Upper  
138 100  
92 51.3 31.6 71.6  
108 77.6 58.6 98.6

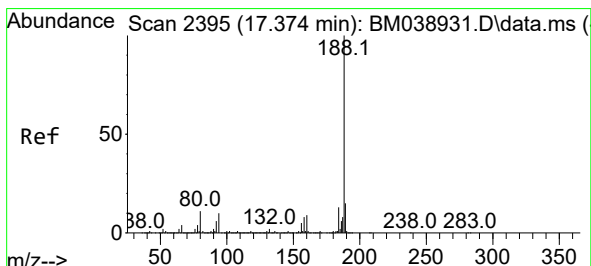
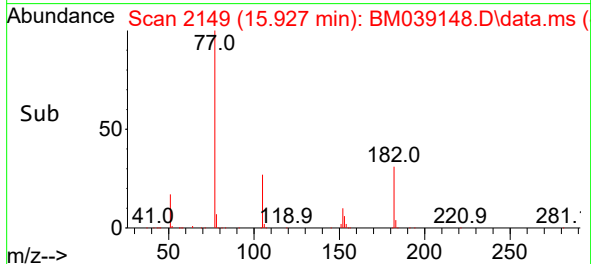
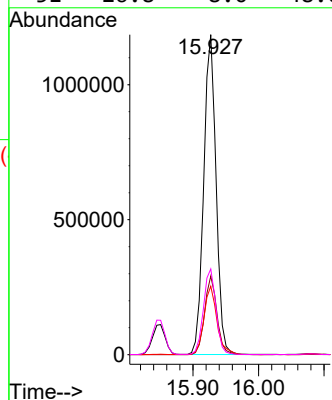
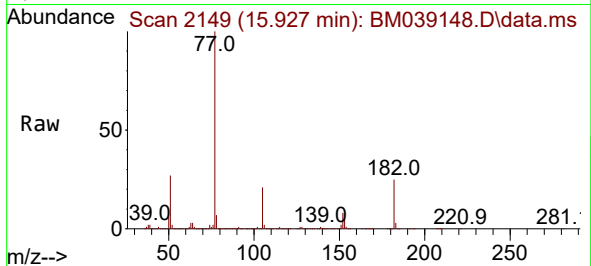




#63  
Azobenzene  
Concen: 36.895 ng  
RT: 15.927 min Scan# 2155  
Delta R.T. -0.006 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

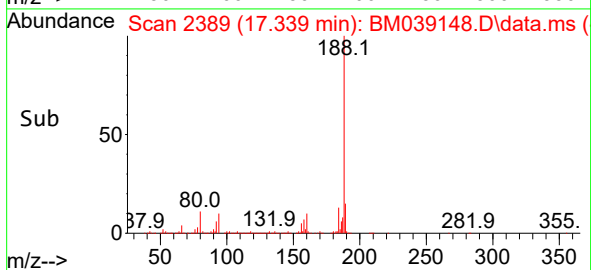
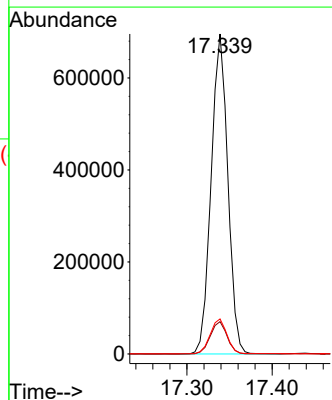
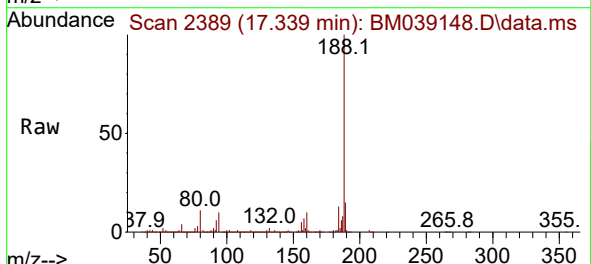
Instrument :  
BNA\_M  
ClientSampleId :  
WC1-20230322MS

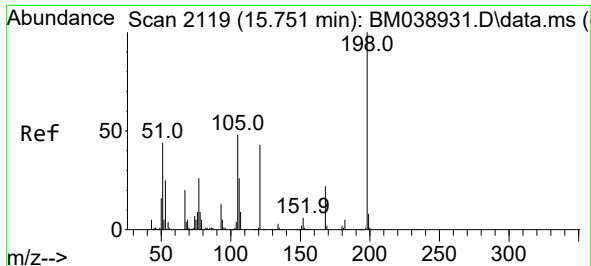
Tgt Ion: 77 Resp: 1551110  
Ion Ratio Lower Upper  
77 100  
182 24.6 2.0 42.0  
105 21.4 0.4 40.4  
51 26.8 8.0 48.0



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.339 min Scan# 2389  
Delta R.T. -0.006 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

Tgt Ion:188 Resp: 947209  
Ion Ratio Lower Upper  
188 100  
94 10.1 7.9 11.9  
80 10.9 8.5 12.7

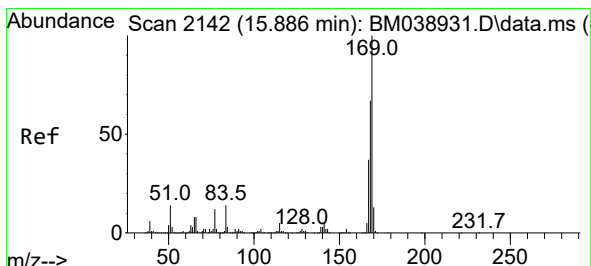
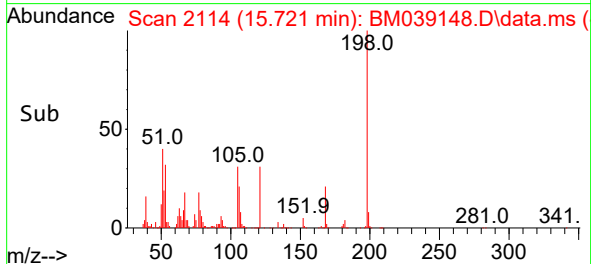
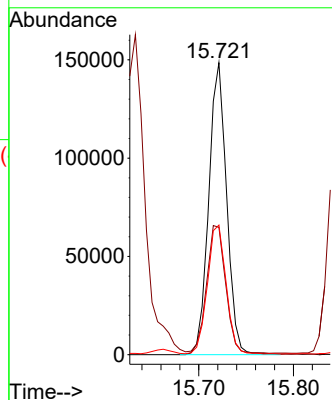
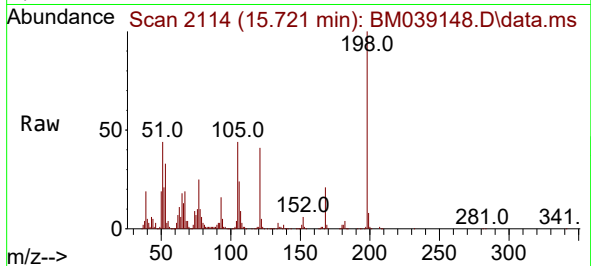




#65  
4,6-Dinitro-2-methylphenol  
Concen: 33.017 ng  
RT: 15.721 min Scan# 2114  
Delta R.T. -0.006 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

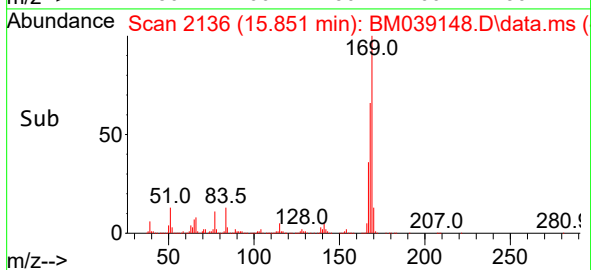
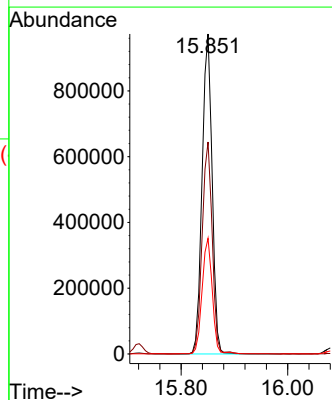
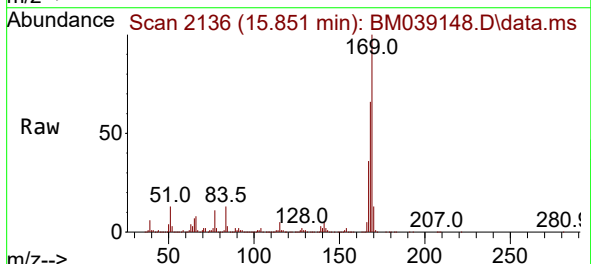
Instrument :  
BNA\_M  
ClientSampleId :  
WC1-20230322MS

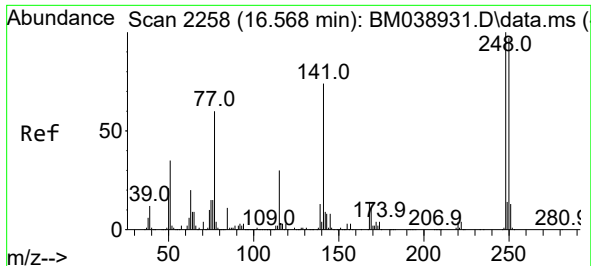
Tgt Ion:198 Resp: 194463  
Ion Ratio Lower Upper  
198 100  
51 43.6 30.1 70.1  
105 44.4 29.3 69.3



#66  
n-Nitrosodiphenylamine  
Concen: 39.708 ng  
RT: 15.851 min Scan# 2136  
Delta R.T. -0.006 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

Tgt Ion:169 Resp: 1267964  
Ion Ratio Lower Upper  
169 100  
168 66.3 53.4 80.0  
167 36.1 29.4 44.0

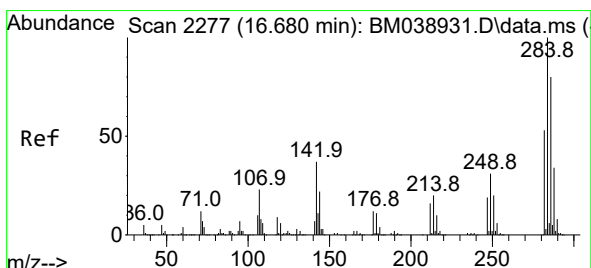
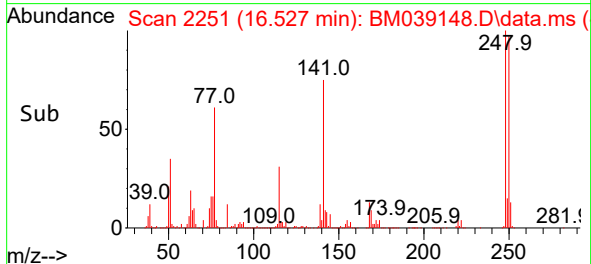
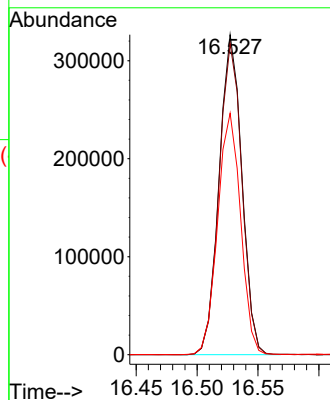
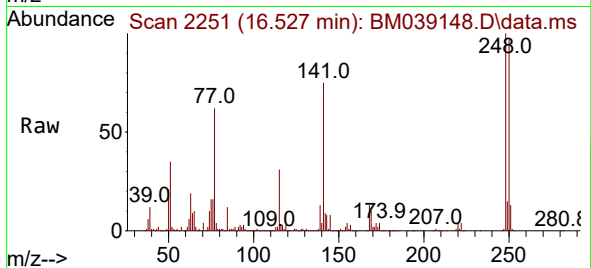




#67  
4-Bromophenyl-phenylether  
Concen: 41.487 ng  
RT: 16.527 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

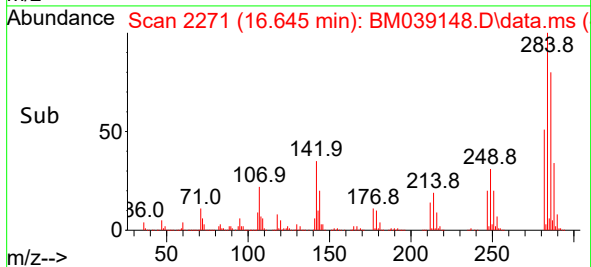
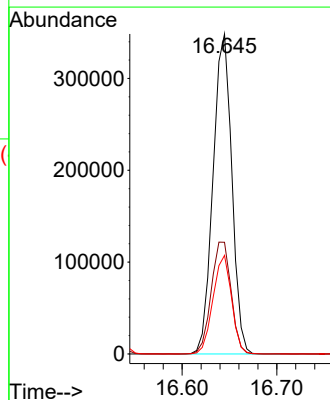
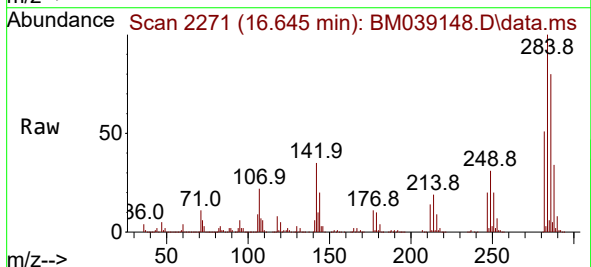
Instrument :  
BNA\_M  
ClientSampleId :  
WC1-20230322MS

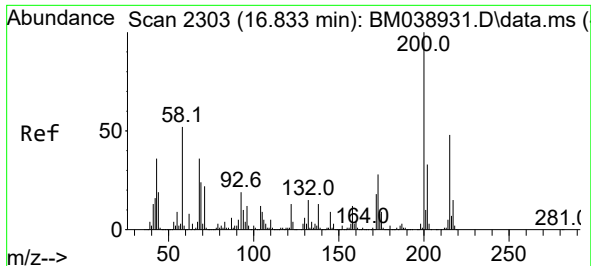
Tgt Ion:248 Resp: 424448  
Ion Ratio Lower Upper  
248 100  
250 97.2 77.8 116.8  
141 75.5 59.0 88.4



#68  
Hexachlorobenzene  
Concen: 41.949 ng  
RT: 16.645 min Scan# 2271  
Delta R.T. -0.000 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

Tgt Ion:284 Resp: 479772  
Ion Ratio Lower Upper  
284 100  
142 34.9 29.5 44.3  
249 30.8 25.0 37.4

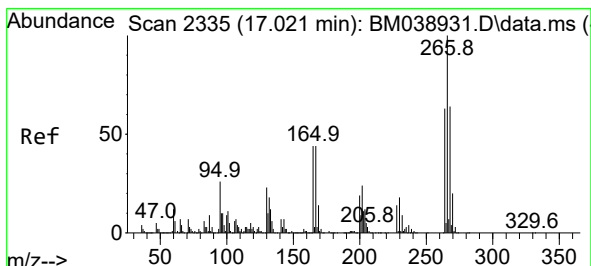
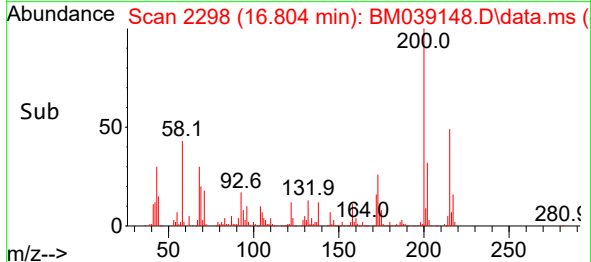
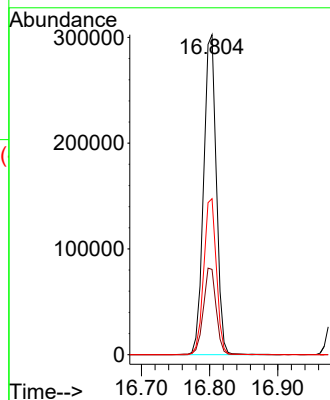
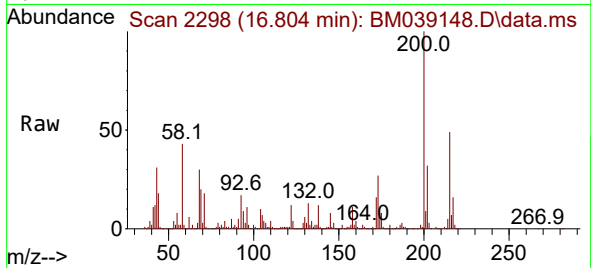




#69  
 Atrazine  
 Concen: 44.969 ng  
 RT: 16.804 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM039148.D  
 Acq: 24 Mar 2023 19:06

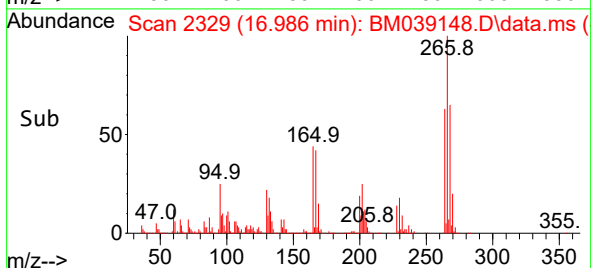
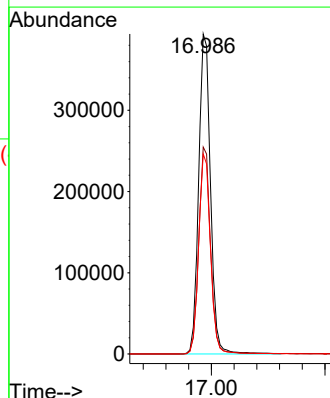
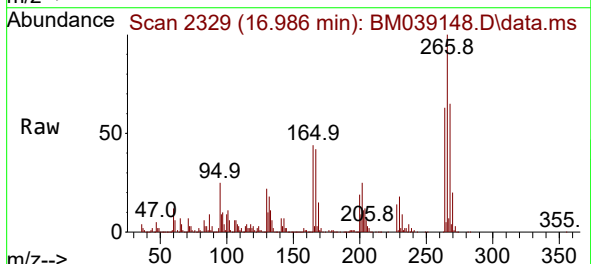
Instrument :  
 BNA\_M  
 ClientSampleId :  
 WC1-20230322MS

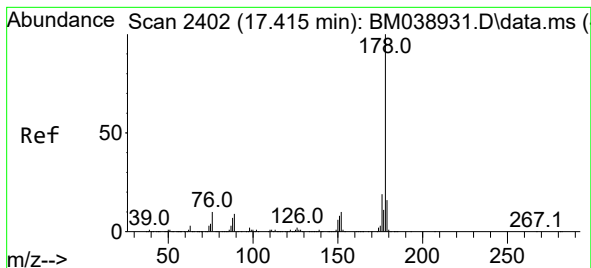
Tgt Ion:200 Resp: 392225  
 Ion Ratio Lower Upper  
 200 100  
 173 26.6 8.2 48.2  
 215 48.7 27.8 67.8



#70  
 Pentachlorophenol  
 Concen: 67.893 ng  
 RT: 16.986 min Scan# 2329  
 Delta R.T. -0.006 min  
 Lab File: BM039148.D  
 Acq: 24 Mar 2023 19:06

Tgt Ion:266 Resp: 571119  
 Ion Ratio Lower Upper  
 266 100  
 268 64.7 51.0 76.4  
 264 62.5 50.3 75.5





#71

Phenanthrene

Concen: 39.035 ng

RT: 17.380 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039148.D

Acq: 24 Mar 2023 19:06

Instrument :

BNA\_M

ClientSampleId :

WC1-20230322MS

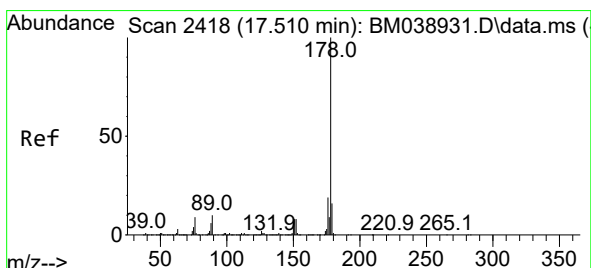
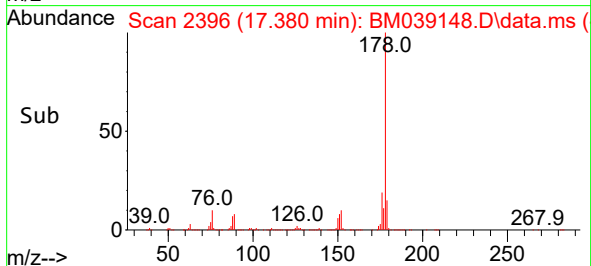
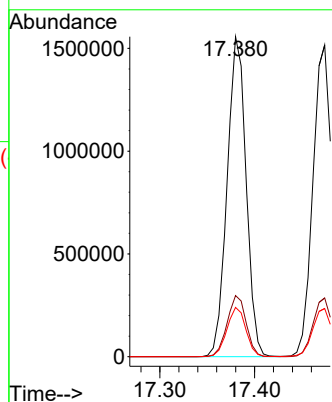
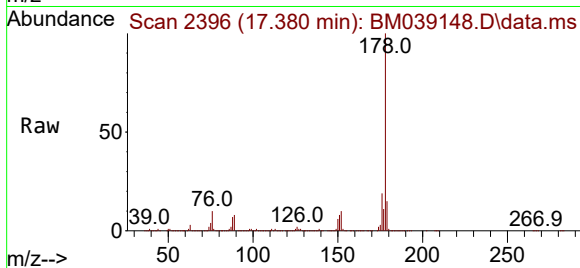
Tgt Ion:178 Resp: 2170054

Ion Ratio Lower Upper

178 100

176 19.1 15.6 23.4

179 15.4 12.5 18.7



#72

Anthracene

Concen: 38.736 ng

RT: 17.474 min Scan# 2412

Delta R.T. -0.000 min

Lab File: BM039148.D

Acq: 24 Mar 2023 19:06

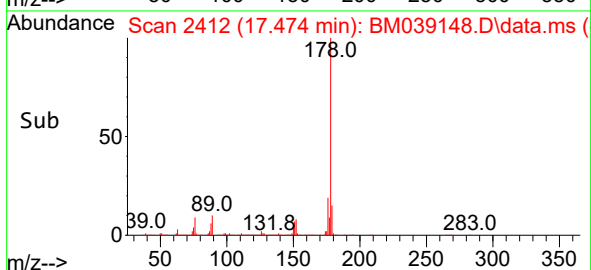
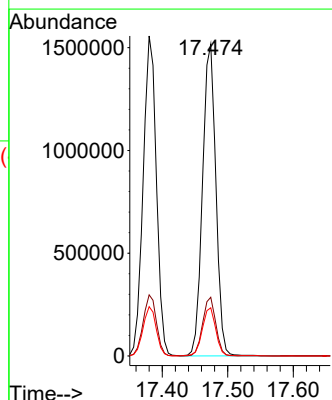
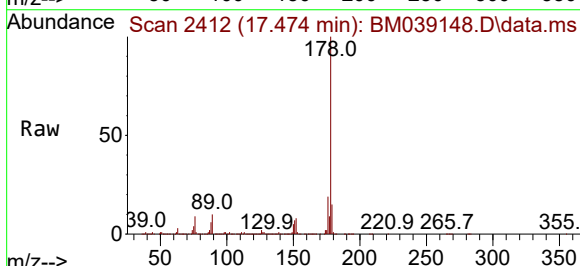
Tgt Ion:178 Resp: 2147525

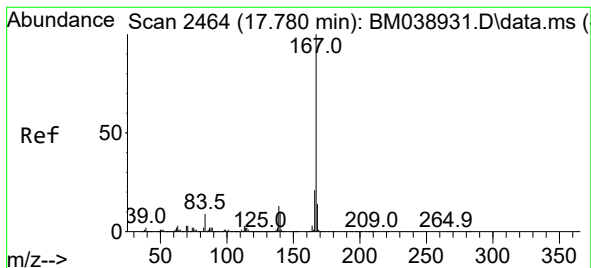
Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

179 15.5 12.5 18.7





#73

Carbazole

Concen: 39.385 ng

RT: 17.745 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM039148.D

Acq: 24 Mar 2023 19:06

Instrument :

BNA\_M

ClientSampleId :

WC1-20230322MS

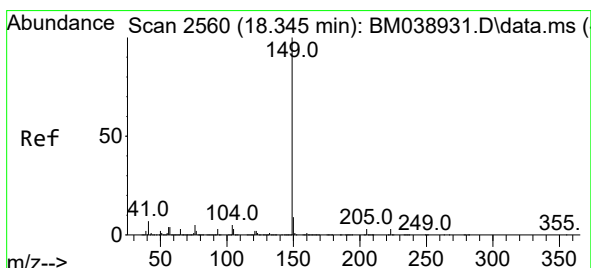
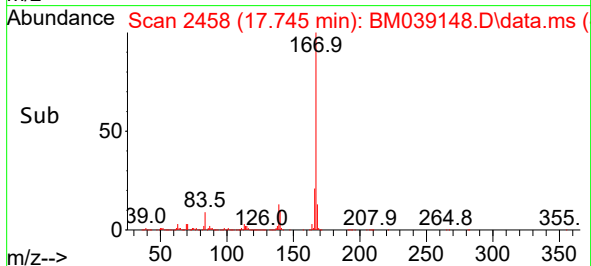
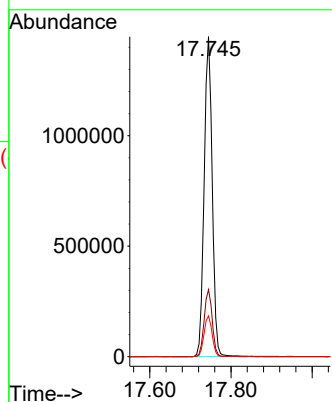
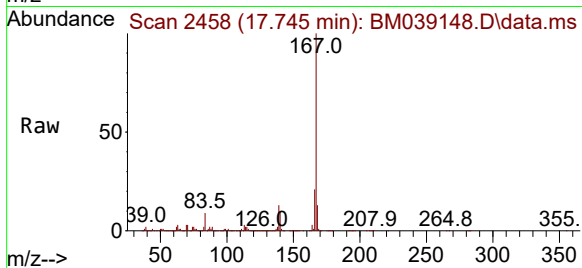
Tgt Ion:167 Resp: 1992797

Ion Ratio Lower Upper

167 100

166 21.0 17.0 25.4

139 12.7 10.3 15.5



#74

Di-n-butylphthalate

Concen: 38.635 ng

RT: 18.303 min Scan# 2553

Delta R.T. -0.006 min

Lab File: BM039148.D

Acq: 24 Mar 2023 19:06

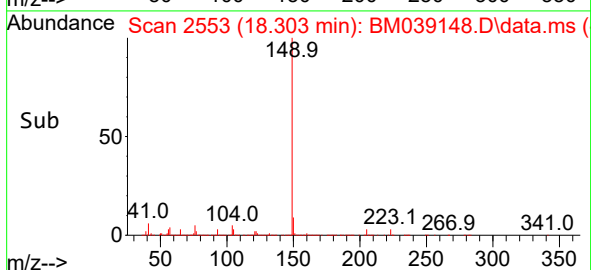
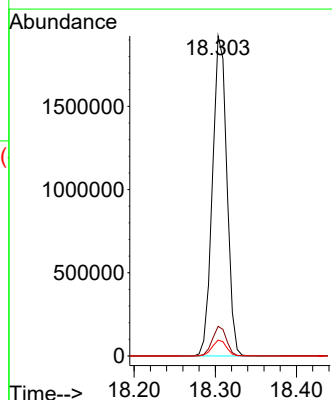
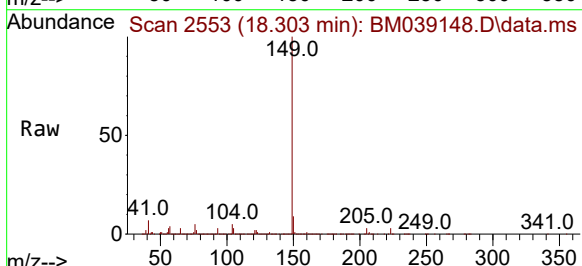
Tgt Ion:149 Resp: 2361789

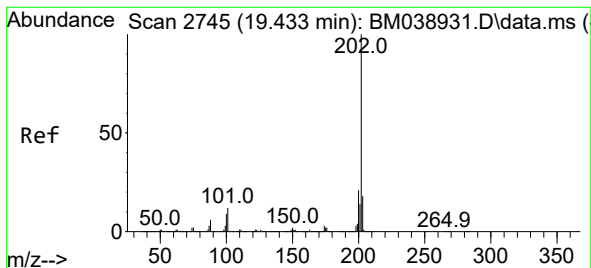
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 5.0 4.3 6.5

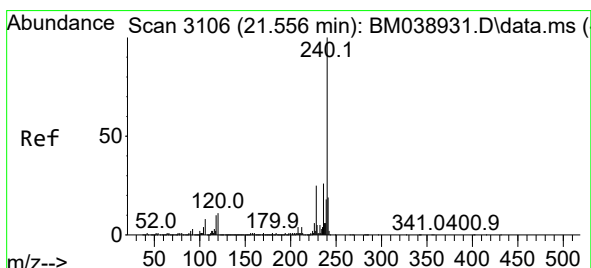
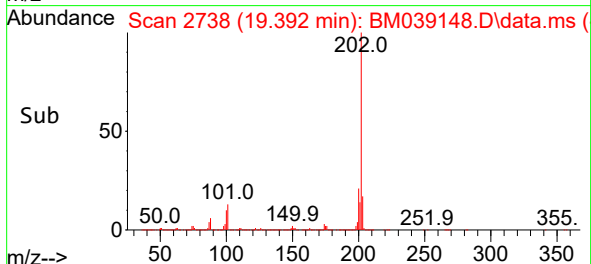
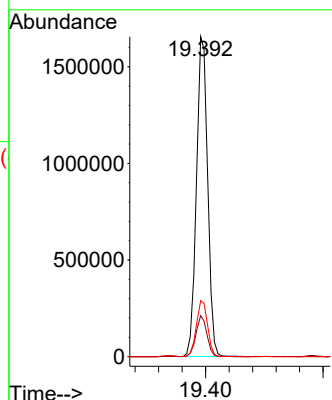
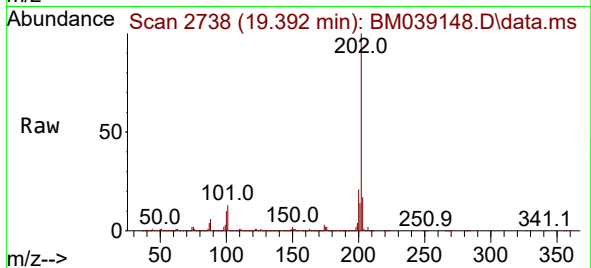




#75  
Fluoranthene  
Concen: 37.318 ng  
RT: 19.392 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

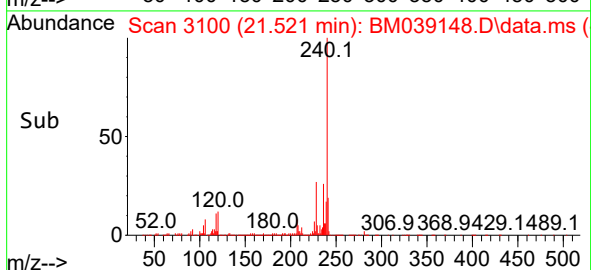
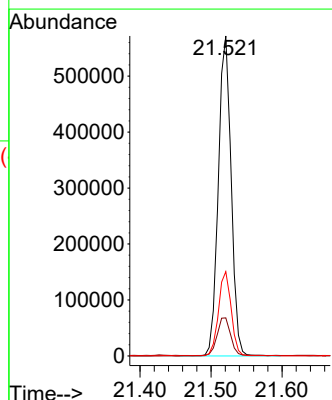
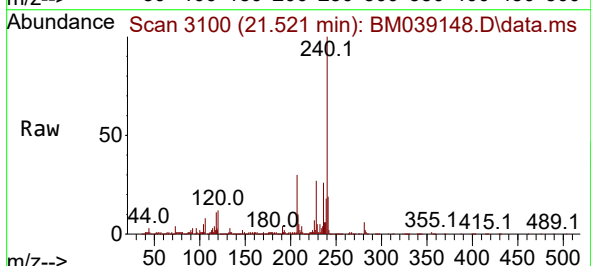
Instrument :  
BNA\_M  
ClientSampleId :  
WC1-20230322MS

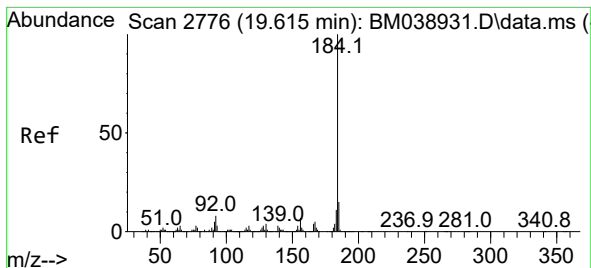
Tgt Ion:202 Resp: 2190463  
Ion Ratio Lower Upper  
202 100  
101 12.8 0.0 31.7  
203 17.5 0.0 37.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.521 min Scan# 3100  
Delta R.T. -0.006 min  
Lab File: BM039148.D  
Acq: 24 Mar 2023 19:06

Tgt Ion:240 Resp: 713198  
Ion Ratio Lower Upper  
240 100  
120 11.9 9.2 13.8  
236 26.4 20.8 31.2





#77

Benzidine

Concen: 68.154 ng

RT: 19.580 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039148.D

Acq: 24 Mar 2023 19:06

Instrument :

BNA\_M

ClientSampleId :

WC1-20230322MS

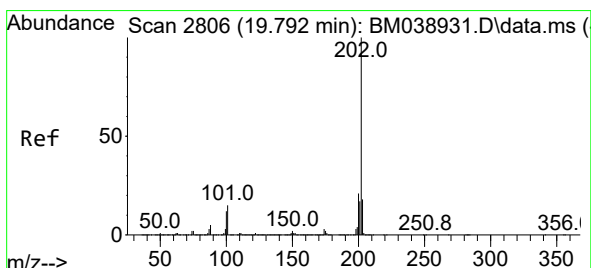
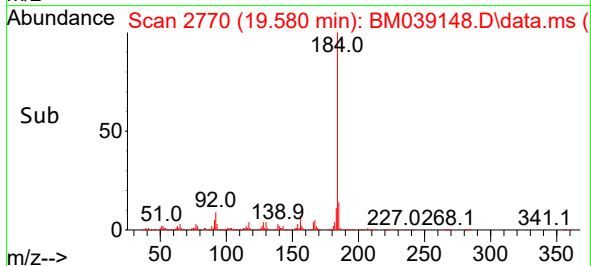
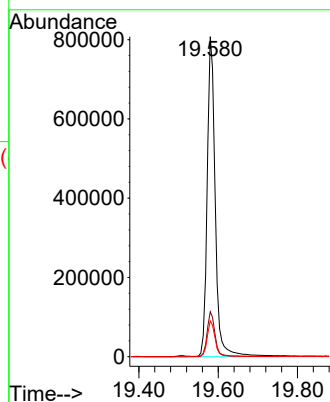
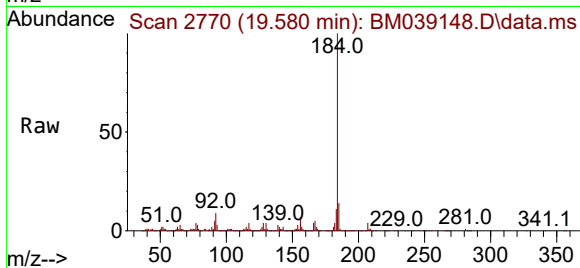
Tgt Ion:184 Resp: 1145023

Ion Ratio Lower Upper

184 100

185 14.0 12.2 18.4

183 11.2 8.8 13.2



#78

Pyrene

Concen: 42.107 ng

RT: 19.756 min Scan# 2800

Delta R.T. -0.006 min

Lab File: BM039148.D

Acq: 24 Mar 2023 19:06

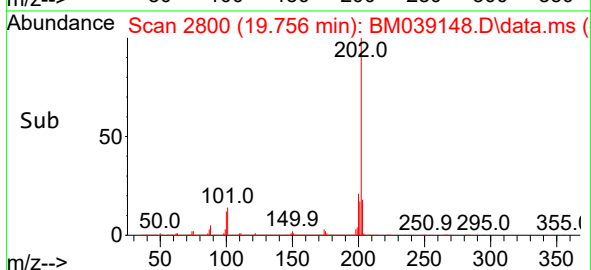
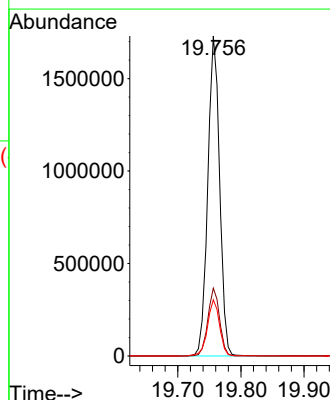
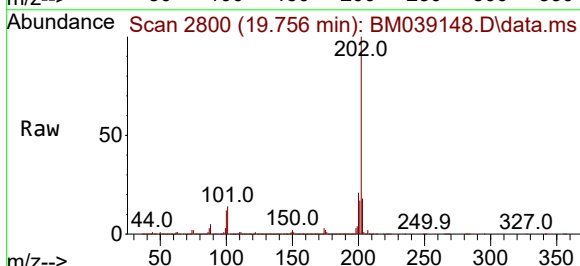
Tgt Ion:202 Resp: 2255521

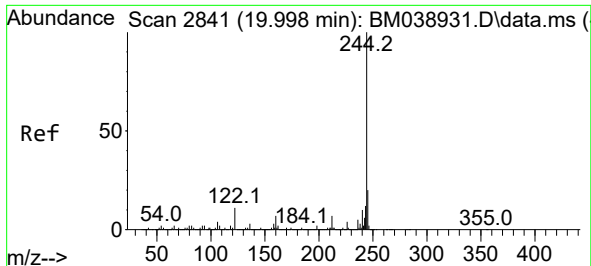
Ion Ratio Lower Upper

202 100

200 21.2 17.1 25.7

203 17.5 14.1 21.1

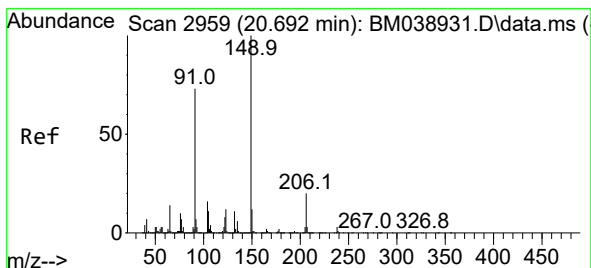
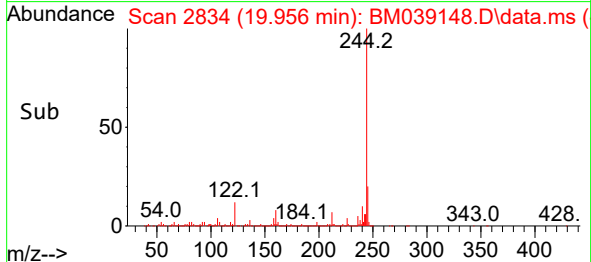
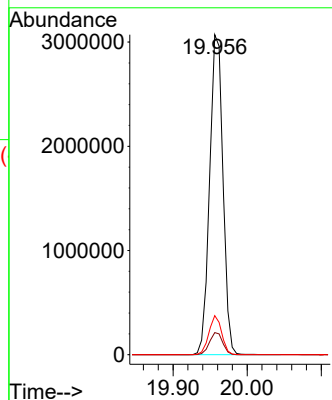
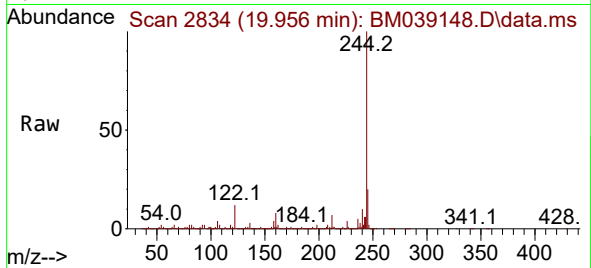




#79  
 Terphenyl-d14  
 Concen: 98.407 ng  
 RT: 19.956 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM039148.D  
 Acq: 24 Mar 2023 19:06

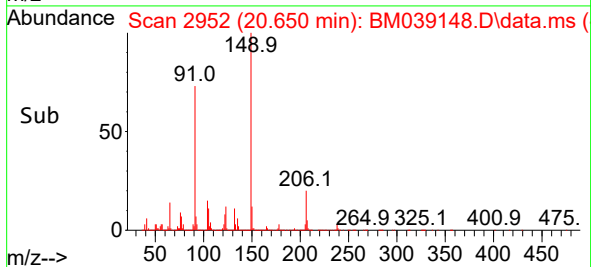
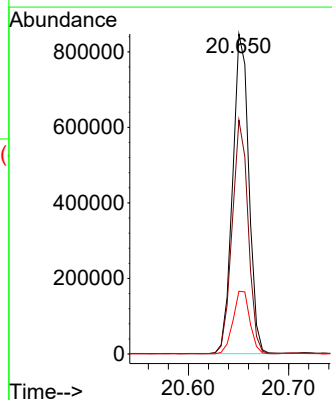
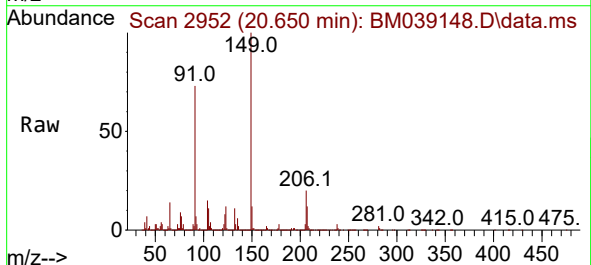
Instrument :  
 BNA\_M  
 ClientSampleId :  
 WC1-20230322MS

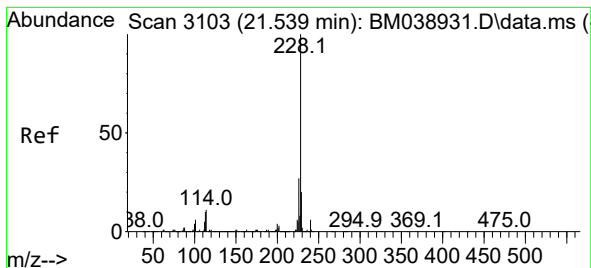
Tgt Ion:244 Resp: 3838678  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.5 8.3  
 122 12.2 9.0 13.4



#80  
 Butylbenzylphthalate  
 Concen: 42.206 ng  
 RT: 20.650 min Scan# 2952  
 Delta R.T. -0.006 min  
 Lab File: BM039148.D  
 Acq: 24 Mar 2023 19:06

Tgt Ion:149 Resp: 951525  
 Ion Ratio Lower Upper  
 149 100  
 91 73.1 58.4 87.6  
 206 19.6 16.1 24.1





#81

Benzo(a)anthracene

Concen: 39.523 ng

RT: 21.503 min Scan# 3086

Delta R.T. -0.006 min

Lab File: BM039148.D

Acq: 24 Mar 2023 19:06

Instrument :

BNA\_M

ClientSampleId :

WC1-20230322MS

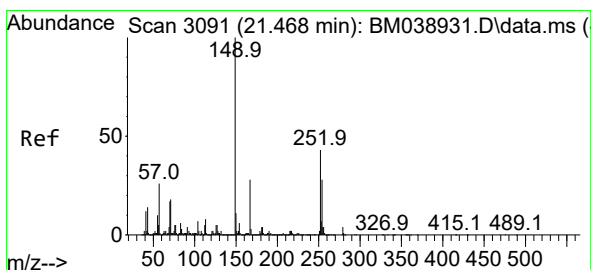
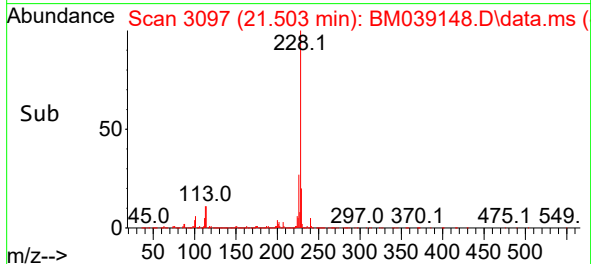
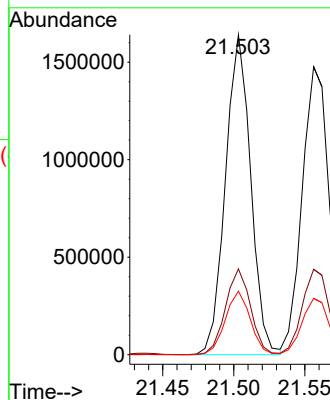
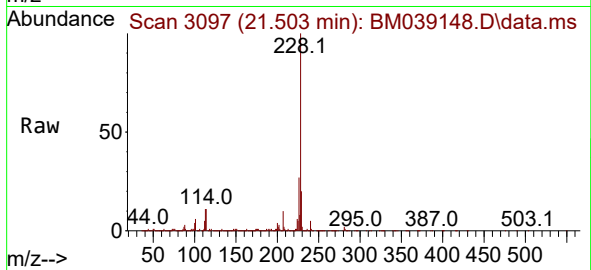
Tgt Ion:228 Resp: 2029939

Ion Ratio Lower Upper

228 100

226 26.8 21.4 32.2

229 19.9 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 40.183 ng

RT: 21.439 min Scan# 3086

Delta R.T. -0.006 min

Lab File: BM039148.D

Acq: 24 Mar 2023 19:06

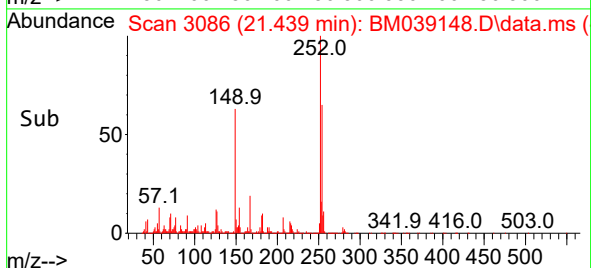
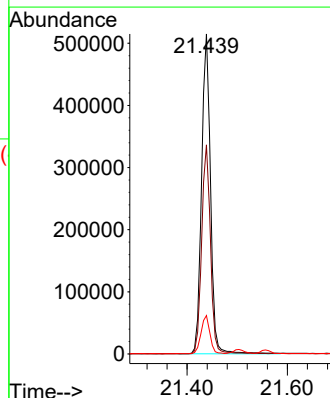
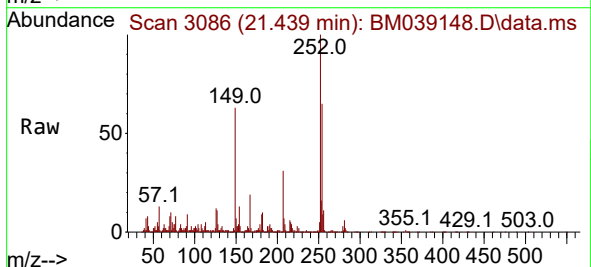
Tgt Ion:252 Resp: 634289

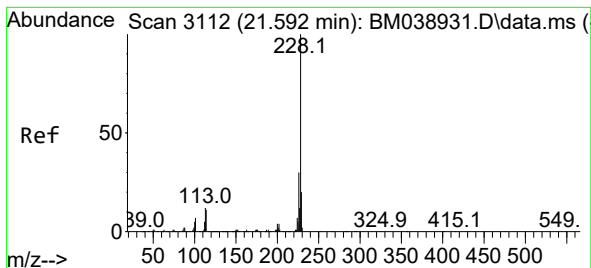
Ion Ratio Lower Upper

252 100

254 65.3 51.5 77.3

126 12.0 9.9 14.9





#83

Chrysene

Concen: 38.633 ng

RT: 21.556 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BM039148.D

Acq: 24 Mar 2023 19:06

Instrument :

BNA\_M

ClientSampleId :

WC1-20230322MS

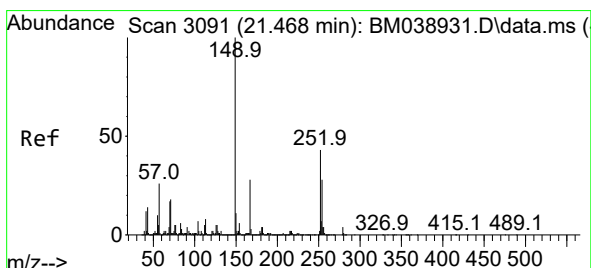
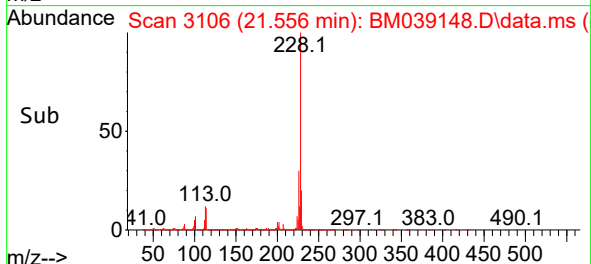
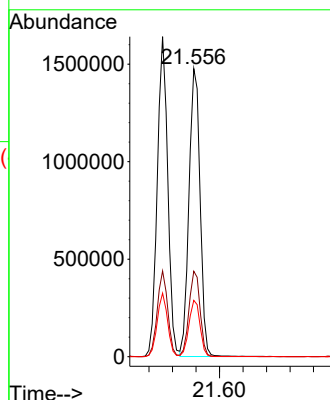
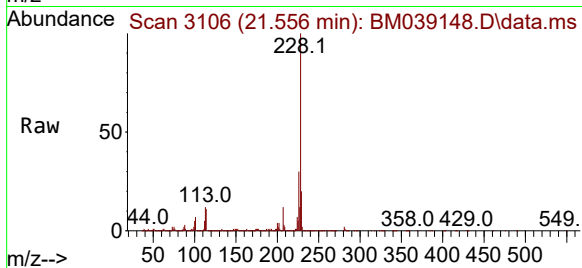
Tgt Ion:228 Resp: 1929822

Ion Ratio Lower Upper

228 100

226 29.7 24.0 36.0

229 19.5 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.795 ng

RT: 21.427 min Scan# 3084

Delta R.T. -0.006 min

Lab File: BM039148.D

Acq: 24 Mar 2023 19:06

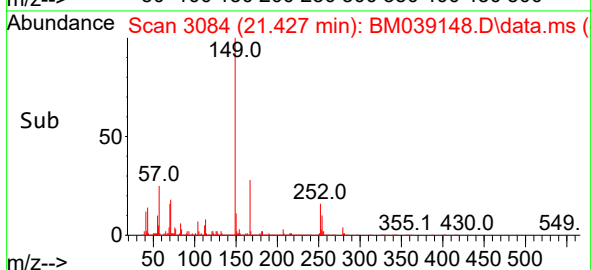
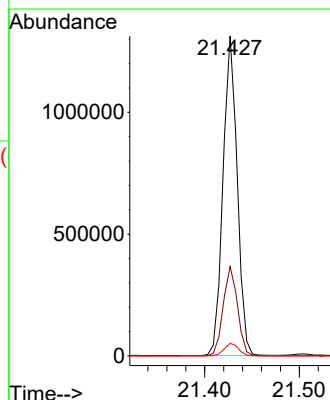
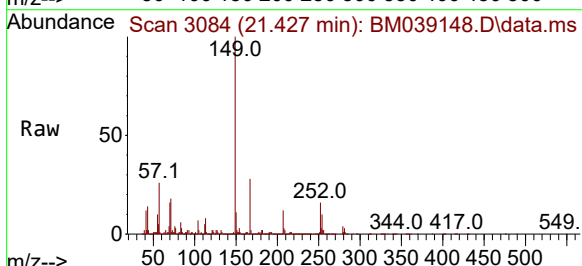
Tgt Ion:149 Resp: 1365258

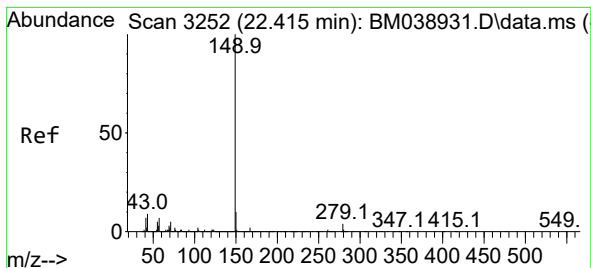
Ion Ratio Lower Upper

149 100

167 27.9 22.3 33.5

279 4.0 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 43.174 ng

RT: 22.362 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM039148.D

Acq: 24 Mar 2023 19:06

Instrument :

BNA\_M

ClientSampleId :

WC1-20230322MS

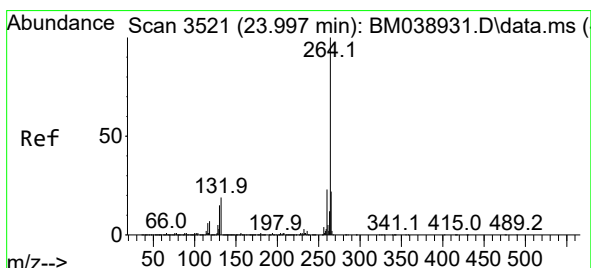
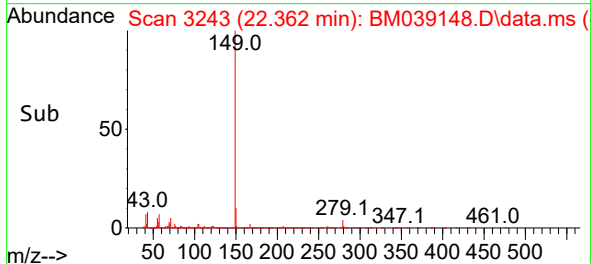
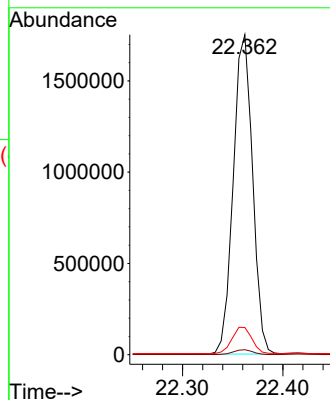
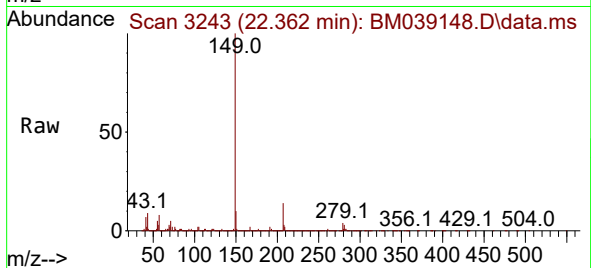
Tgt Ion:149 Resp: 2336875

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 8.6 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.944 min Scan# 3512

Delta R.T. -0.012 min

Lab File: BM039148.D

Acq: 24 Mar 2023 19:06

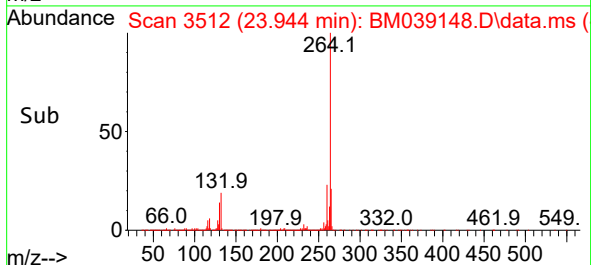
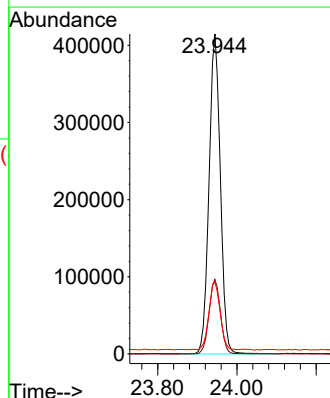
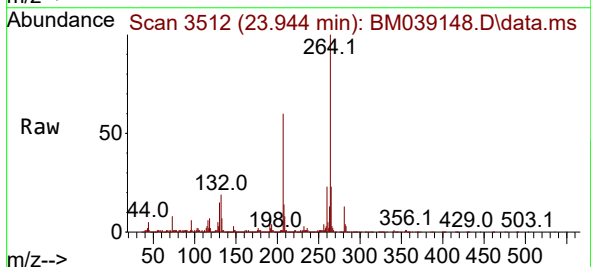
Tgt Ion:264 Resp: 821004

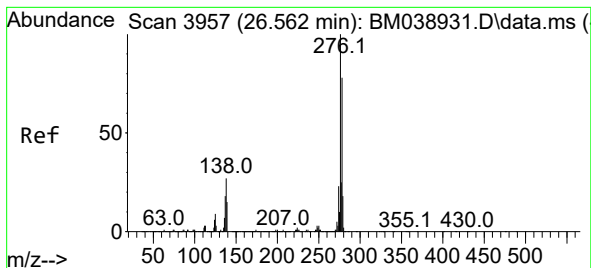
Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 22.5 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.586 ng

RT: 26.473 min Scan# 3942

Delta R.T. -0.018 min

Lab File: BM039148.D

Acq: 24 Mar 2023 19:06

Instrument :

BNA\_M

ClientSampleId :

WC1-20230322MS

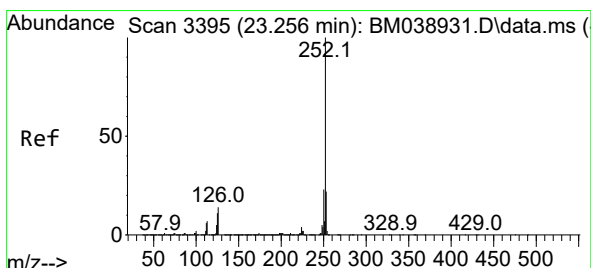
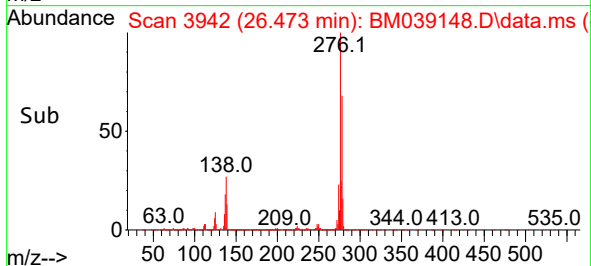
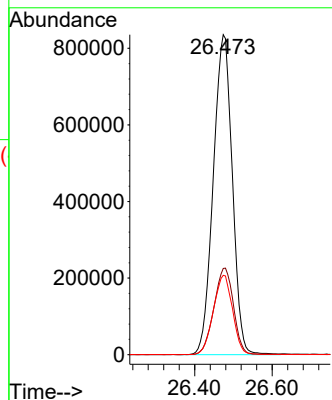
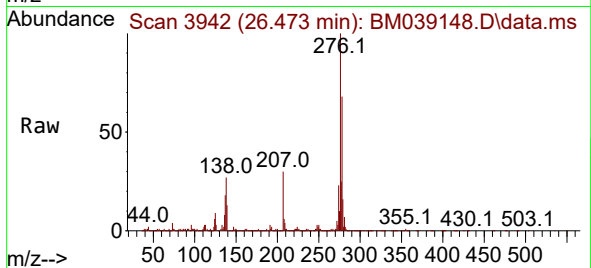
Tgt Ion:276 Resp: 2847896

Ion Ratio Lower Upper

276 100

138 27.7 22.1 33.1

277 25.0 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 39.216 ng

RT: 23.203 min Scan# 3386

Delta R.T. -0.012 min

Lab File: BM039148.D

Acq: 24 Mar 2023 19:06

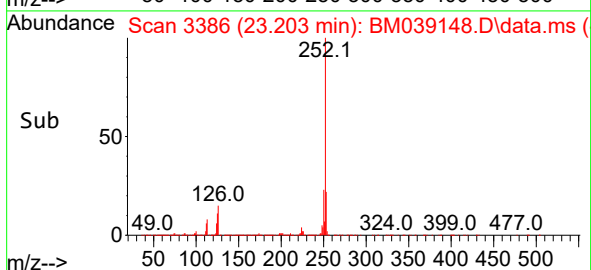
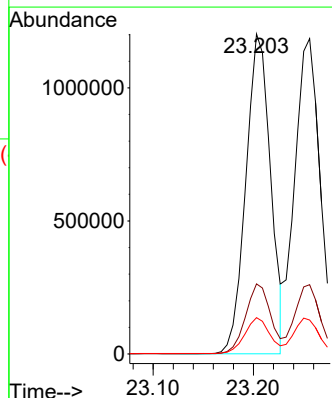
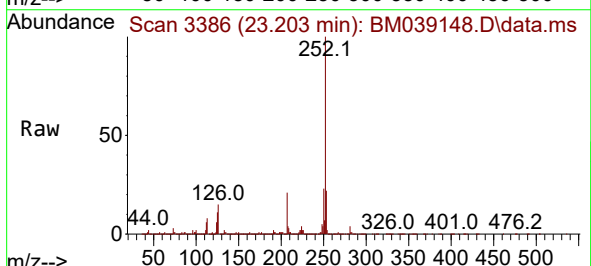
Tgt Ion:252 Resp: 2056928

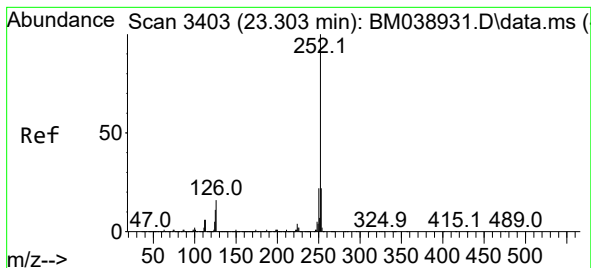
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 11.4 8.8 13.2





#89

Benzo(k)fluoranthene

Concen: 37.917 ng

RT: 23.256 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM039148.D

Acq: 24 Mar 2023 19:06

Instrument :

BNA\_M

ClientSampleId :

WC1-20230322MS

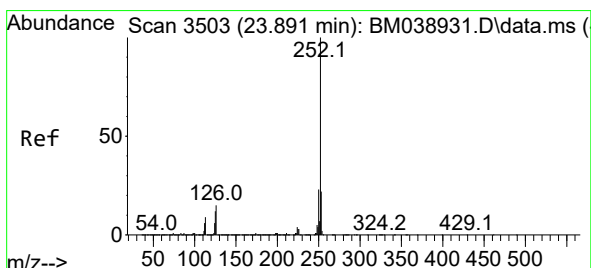
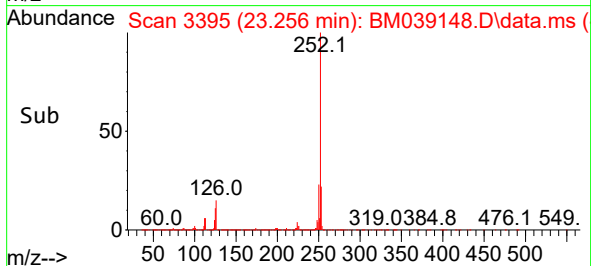
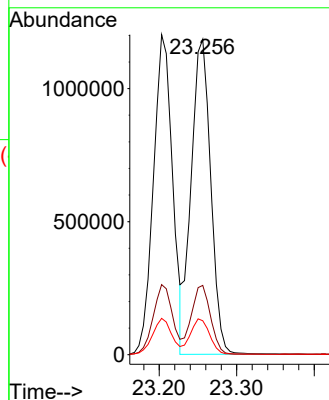
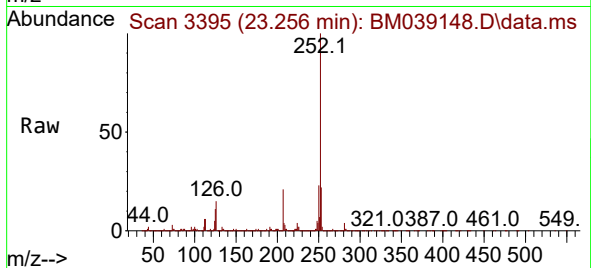
Tgt Ion:252 Resp: 2069730

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 10.7 8.9 13.3



#90

Benzo(a)pyrene

Concen: 37.119 ng

RT: 23.838 min Scan# 3494

Delta R.T. -0.012 min

Lab File: BM039148.D

Acq: 24 Mar 2023 19:06

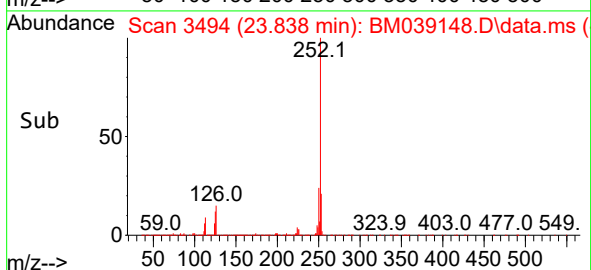
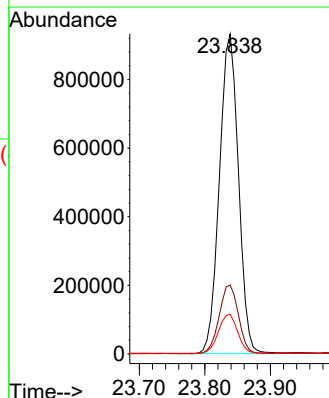
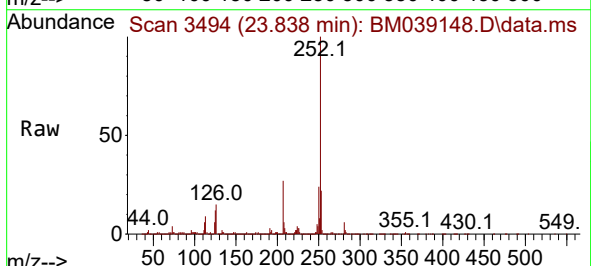
Tgt Ion:252 Resp: 1873787

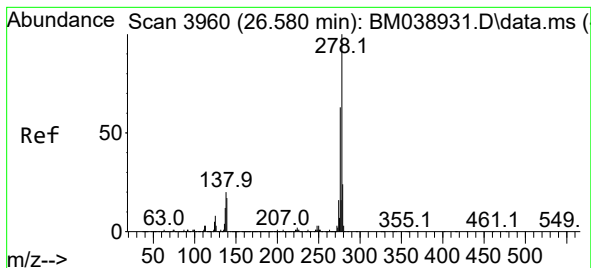
Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

125 12.4 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 44.806 ng

RT: 26.491 min Scan# 3960

Delta R.T. -0.018 min

Lab File: BM039148.D

Acq: 24 Mar 2023 19:06

Instrument :

BNA\_M

ClientSampleId :

WC1-20230322MS

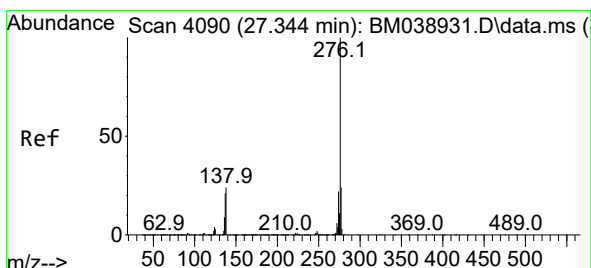
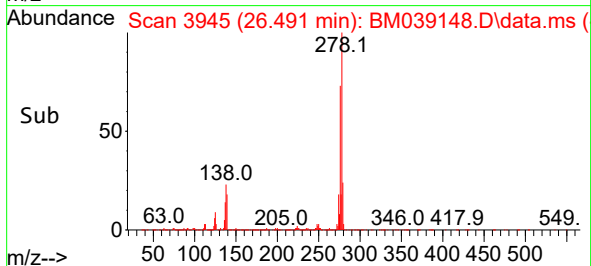
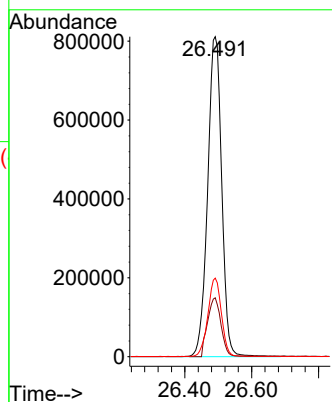
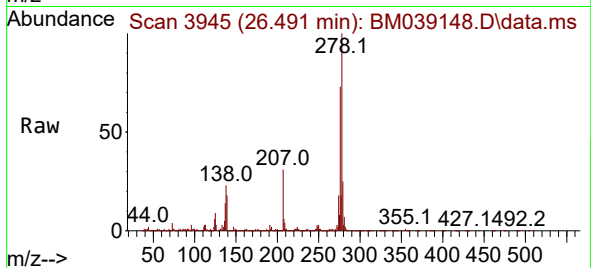
Tgt Ion:278 Resp: 2370509

Ion Ratio Lower Upper

278 100

139 18.4 13.7 20.5

279 24.5 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 46.427 ng

RT: 27.250 min Scan# 4074

Delta R.T. -0.024 min

Lab File: BM039148.D

Acq: 24 Mar 2023 19:06

Tgt Ion:276 Resp: 2403147

Ion Ratio Lower Upper

276 100

277 23.9 19.3 28.9

138 23.8 19.0 28.6

