

Data Path : Z:\svoasrv\HPCHEM1\BNA\_P\Data\BP021925\  
 Data File : BP024097.D  
 Acq On : 19 Feb 2025 13:57  
 Operator : RC/JU  
 Sample : Q1168-07  
 Misc : LOD-MDL-WATER 4PPM  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_P  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT1-2025

Quant Time: Feb 19 14:31:22 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP021725.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 18 02:25:07 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.763  | 152  | 374444   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.534 | 136  | 1699619  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.392 | 164  | 995032   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.180 | 188  | 1856946  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.621 | 240  | 1688158  | 20.000  | ng    | -0.02    |
| 86) Perylene-d12              | 25.004 | 264  | 1475911  | 20.000  | ng    | -0.03    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.375  | 112  | 2623578  | 109.328 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.940  | 99   | 3505844  | 113.668 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.910  | 82   | 2772634  | 91.010  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.898 | 330  | 1354436  | 111.128 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.004 | 172  | 6657161  | 93.532  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.898 | 244  | 8693406  | 101.898 | ng    | -0.02    |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.317  | 88   | 40926    | 4.348   | ng    | 97       |
| 3) Pyridine                   | 3.716  | 79   | 97980    | 4.003   | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.616  | 42   | 38649    | 4.452   | ng    | # 91     |
| 6) Aniline                    | 7.099  | 93   | 148832   | 5.269   | ng    | 99       |
| 8) 2-Chlorophenol             | 7.334  | 128  | 112918   | 4.446   | ng    | 97       |
| 9) Benzaldehyde               | 6.910  | 77   | 101205m  | 7.187   | ng    |          |
| 10) Phenol                    | 6.969  | 94   | 141387   | 4.559   | ng    | 95       |
| 11) bis(2-Chloroethyl)ether   | 7.187  | 93   | 114274   | 4.678   | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.652  | 146  | 124501   | 4.462   | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.793  | 146  | 127716   | 4.526   | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.110  | 146  | 121450   | 4.485   | ng    | 99       |
| 15) Benzyl Alcohol            | 7.999  | 79   | 82542    | 4.372   | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.275  | 45   | 124206m  | 5.238   | ng    |          |
| 17) 2-Methylphenol            | 8.199  | 107  | 76200    | 4.032   | ng    | 97       |
| 18) Hexachloroethane          | 8.828  | 117  | 46224    | 4.548   | ng    | 93       |
| 19) n-Nitroso-di-n-propyla... | 8.557  | 70   | 78535    | 4.736   | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.522  | 107  | 104432   | 4.062   | ng    | 99       |
| 22) Acetophenone              | 8.575  | 105  | 181730   | 4.161   | ng    | # 98     |
| 24) Nitrobenzene              | 8.952  | 77   | 137295   | 4.579   | ng    | 98       |
| 25) Isophorone                | 9.469  | 82   | 208032   | 4.176   | ng    | 99       |
| 26) 2-Nitrophenol             | 9.651  | 139  | 42896    | 3.105   | ng    | 91       |
| 27) 2,4-Dimethylphenol        | 9.716  | 122  | 68856    | 3.797   | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 9.946  | 93   | 158012   | 4.378   | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.193 | 162  | 83323    | 3.367   | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.399 | 180  | 114040   | 4.022   | ng    | 99       |
| 31) Naphthalene               | 10.587 | 128  | 390011   | 4.268   | ng    | 100      |
| 32) Benzoic acid              | 9.787  | 122  | 37112    | 9.135   | ng    | 97       |
| 33) 4-Chloroaniline           | 10.693 | 127  | 137755   | 4.279   | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.875 | 225  | 67861    | 4.132   | ng    | 97       |
| 35) Caprolactam               | 11.469 | 113  | 21170m   | 7.819   | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 11.828 | 107  | 83121    | 3.268   | ng    | 93       |
| 37) 2-Methylnaphthalene       | 12.193 | 142  | 242606   | 3.994   | ng    | 100      |
| 38) 1-Methylnaphthalene       | 12.416 | 142  | 229846m  | 3.890   | ng    |          |
| 40) 1,2,4,5-Tetrachloroben... | 12.569 | 216  | 123749   | 4.048   | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.551 | 237  | 37695    | 3.313   | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.810 | 196  | 57867    | 3.104   | ng    | 100      |

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 Sample : Q1168-07  
 Misc : LOD-MDL-WATER 4PPM  
 ALS Vial : 7 Sample Multiplier: 1

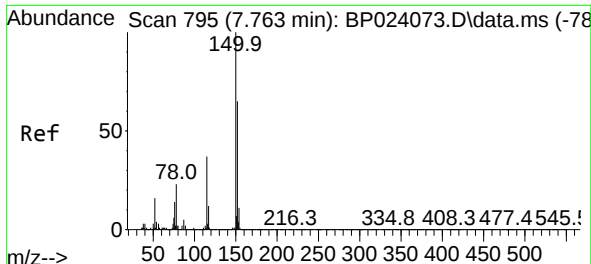
Instrument :  
 BNA\_P  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT1-2025

Quant Time: Feb 19 14:31:22 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\8270E-BP021725.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 18 02:25:07 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.887 | 196  | 65657    | 3.220 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.210 | 154  | 333328   | 4.311 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.257 | 162  | 241353   | 4.129 | ng    | 100      |
| 48) 2-Nitroaniline            | 13.457 | 65   | 47470    | 3.438 | ng    | 93       |
| 49) Acenaphthylene            | 14.110 | 152  | 342828   | 3.981 | ng    | 99       |
| 50) Dimethylphthalate         | 13.845 | 163  | 286254   | 4.078 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 13.957 | 165  | 49365    | 3.453 | ng    | 90       |
| 52) Acenaphthene              | 14.451 | 154  | 229334   | 4.135 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.292 | 138  | 50483    | 3.309 | ng    | # 99     |
| 54) 2,4-Dinitrophenol         | 14.498 | 184  | 15084    | 9.224 | ng    | 96       |
| 55) Dibenzofuran              | 14.792 | 168  | 363310   | 4.033 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.616 | 139  | 31290    | 2.374 | ng    | 86       |
| 57) 2,4-Dinitrotoluene        | 14.751 | 165  | 57487    | 3.095 | ng    | # 83     |
| 58) Fluorene                  | 15.451 | 166  | 276639   | 3.932 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.028 | 232  | 58802m   | 3.324 | ng    |          |
| 60) Diethylphthalate          | 15.216 | 149  | 269954   | 3.874 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.445 | 204  | 138348   | 3.995 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.469 | 138  | 46540    | 5.688 | ng    | 90       |
| 63) Azobenzene                | 15.739 | 77   | 258309   | 3.956 | ng    | 94       |
| 65) 4,6-Dinitro-2-methylph... | 15.528 | 198  | 23305    | 7.718 | ng    | 86       |
| 66) n-Nitrosodiphenylamine    | 15.657 | 169  | 221461   | 3.824 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.357 | 248  | 78030    | 3.742 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.475 | 284  | 96853    | 3.947 | ng    | 96       |
| 69) Atrazine                  | 16.639 | 200  | 65311    | 4.395 | ng    | 98       |
| 70) Pentachlorophenol         | 16.833 | 266  | 36861    | 2.313 | ng    | 97       |
| 71) Phenanthrene              | 17.222 | 178  | 436647   | 4.171 | ng    | 100      |
| 72) Anthracene                | 17.322 | 178  | 384652   | 3.834 | ng    | 99       |
| 73) Carbazole                 | 17.598 | 167  | 347459   | 3.635 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.192 | 149  | 372869   | 3.343 | ng    | 100      |
| 75) Fluoranthene              | 19.304 | 202  | 427845   | 3.613 | ng    | 98       |
| 77) Benzidine                 | 19.498 | 184  | 100658   | 4.893 | ng    | 99       |
| 78) Pyrene                    | 19.680 | 202  | 456077   | 4.253 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.633 | 149  | 128749   | 3.133 | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.598 | 228  | 428442   | 4.047 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.527 | 252  | 103221   | 3.121 | ng    | 98       |
| 83) Chrysene                  | 21.668 | 228  | 413692   | 4.053 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.545 | 149  | 184912   | 2.968 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.833 | 149  | 222476   | 2.234 | ng    | # 95     |
| 87) Indeno(1,2,3-cd)pyrene    | 28.803 | 276  | 386743m  | 3.683 | ng    |          |
| 88) Benzo(b)fluoranthene      | 23.921 | 252  | 361309   | 3.855 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.992 | 252  | 365619   | 4.008 | ng    | 98       |
| 90) Benzo(a)pyrene            | 24.833 | 252  | 303377   | 3.814 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.886 | 278  | 320913   | 3.635 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 29.997 | 276  | 296009   | 3.304 | ng    | 98       |

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

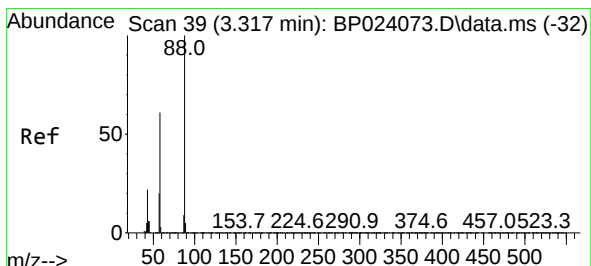
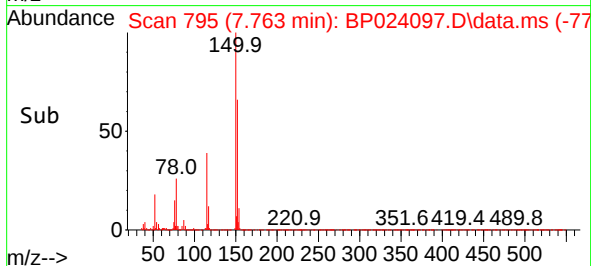
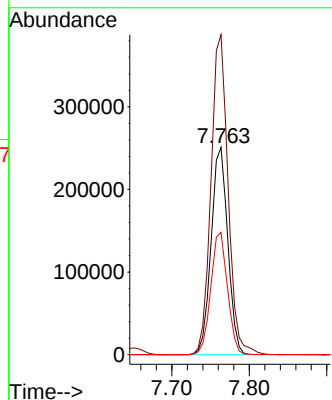
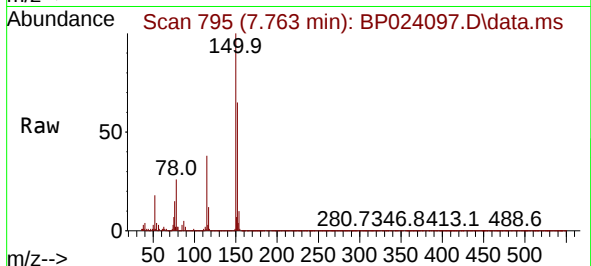




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.763 min Scan# 795  
 Delta R.T. 0.000 min  
 Lab File: BP024097.D  
 Acq: 19 Feb 2025 13:57

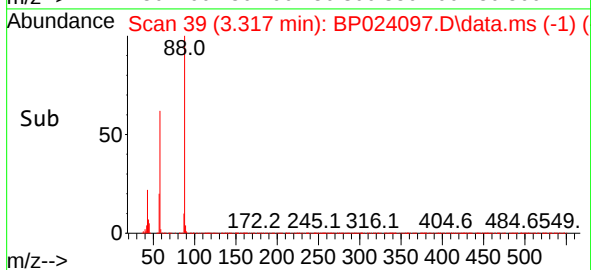
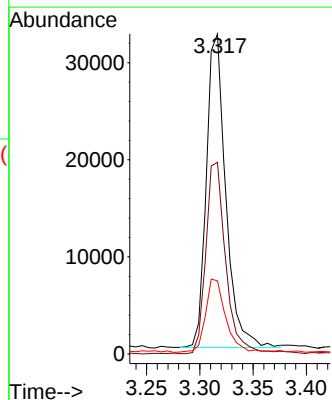
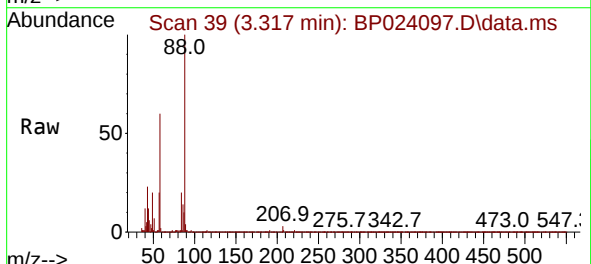
Instrument :  
 BNA\_P  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT1-2025

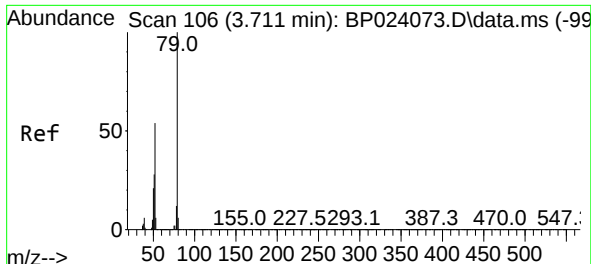
Tgt Ion:152 Resp: 374444  
 Ion Ratio Lower Upper  
 152 100  
 150 154.3 122.4 183.6  
 115 59.0 45.0 67.6



#2  
 1,4-Dioxane  
 Concen: 4.348 ng  
 RT: 3.317 min Scan# 39  
 Delta R.T. -0.000 min  
 Lab File: BP024097.D  
 Acq: 19 Feb 2025 13:57

Tgt Ion: 88 Resp: 40926  
 Ion Ratio Lower Upper  
 88 100  
 58 63.8 49.1 73.7  
 43 24.3 18.0 27.0

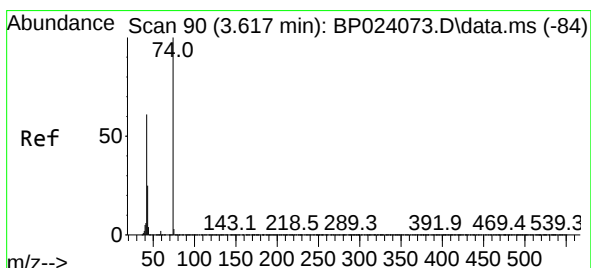
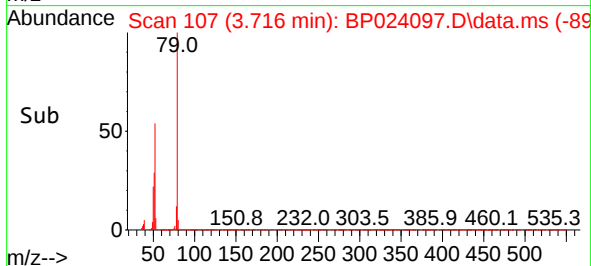
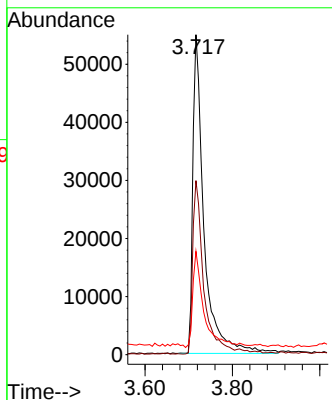
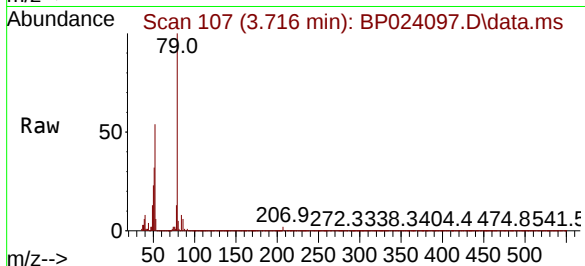




#3  
 Pyridine  
 Concen: 4.003 ng  
 RT: 3.716 min Scan# 10  
 Delta R.T. 0.006 min  
 Lab File: BP024097.D  
 Acq: 19 Feb 2025 13:57

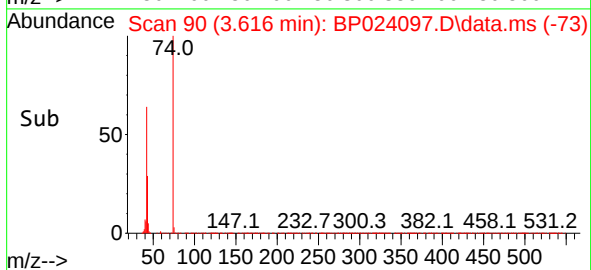
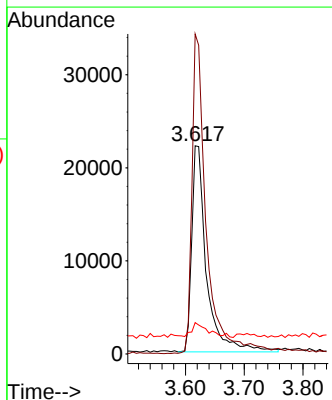
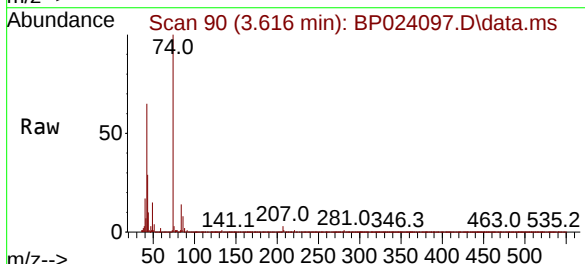
Instrument :  
 BNA\_P  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT1-2025

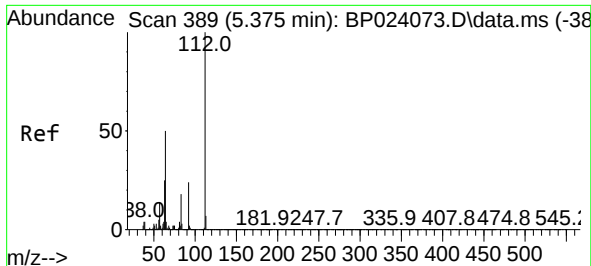
Tgt Ion: 79 Resp: 97980  
 Ion Ratio Lower Upper  
 79 100  
 52 54.4 43.5 65.3  
 51 32.3 22.2 33.4



#4  
 n-Nitrosodimethylamine  
 Concen: 4.452 ng  
 RT: 3.616 min Scan# 90  
 Delta R.T. -0.000 min  
 Lab File: BP024097.D  
 Acq: 19 Feb 2025 13:57

Tgt Ion: 42 Resp: 38649  
 Ion Ratio Lower Upper  
 42 100  
 74 153.8 132.0 198.0  
 44 15.1 5.3 7.9

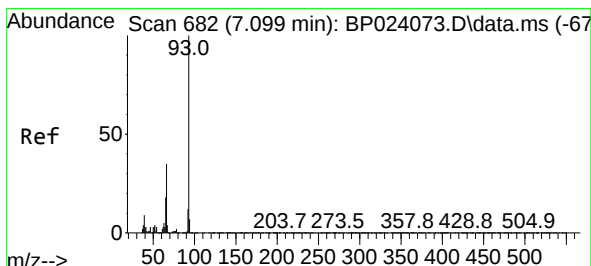
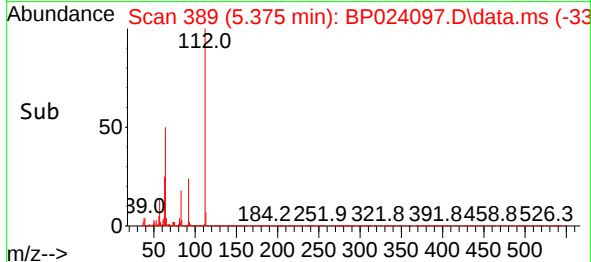
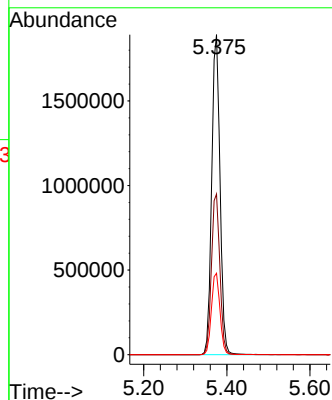
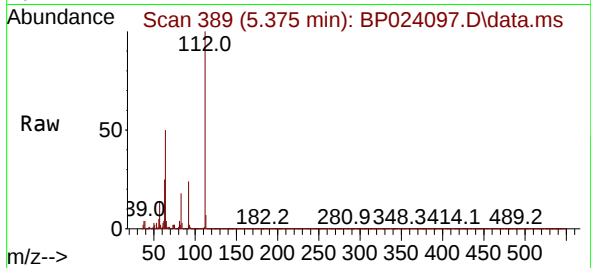




#5  
2-Fluorophenol  
Concen: 109.328 ng  
RT: 5.375 min Scan# 389  
Delta R.T. -0.000 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

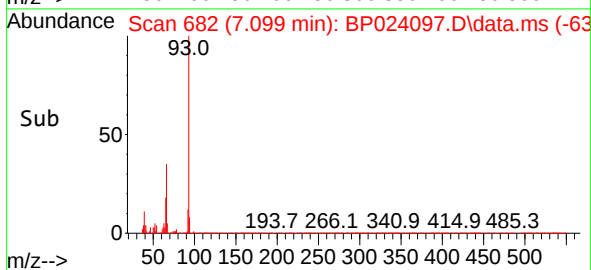
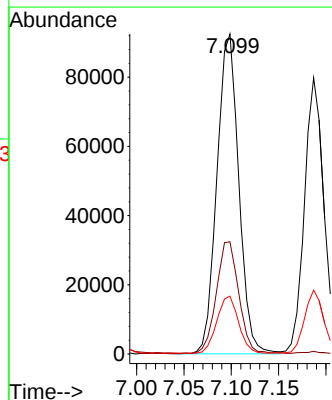
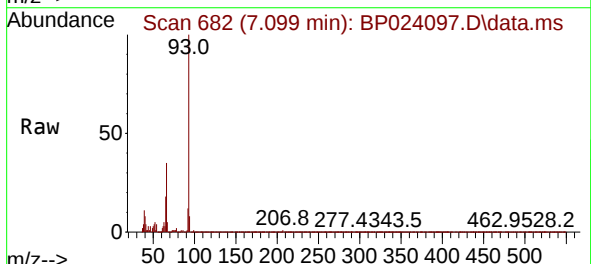
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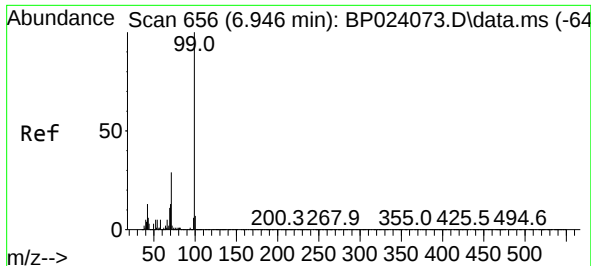
Tgt Ion:112 Resp: 2623578  
Ion Ratio Lower Upper  
112 100  
64 50.2 39.6 59.4  
63 25.4 20.3 30.5



#6  
Aniline  
Concen: 5.269 ng  
RT: 7.099 min Scan# 682  
Delta R.T. -0.000 min  
Lab File: BP024097.D  
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Tgt Ion: 93 Resp: 148832  
Ion Ratio Lower Upper  
93 100  
66 35.0 28.2 42.4  
65 18.0 14.1 21.1



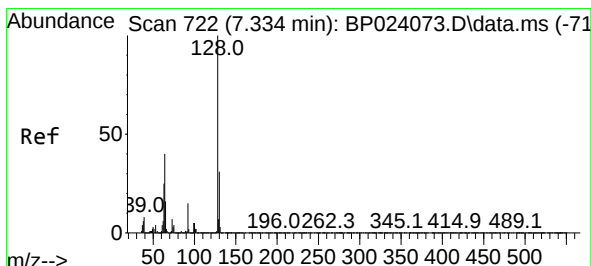
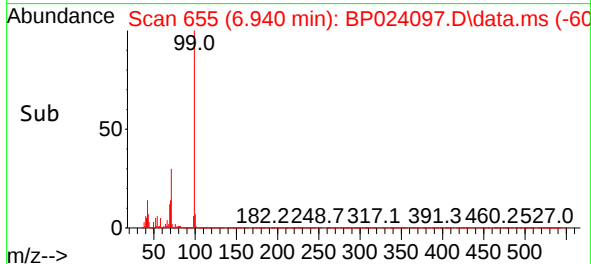
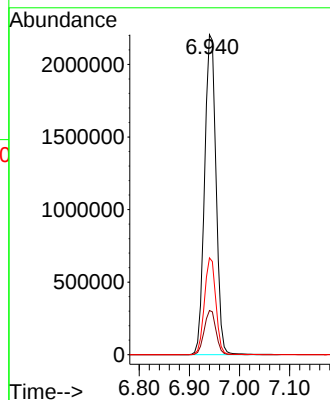
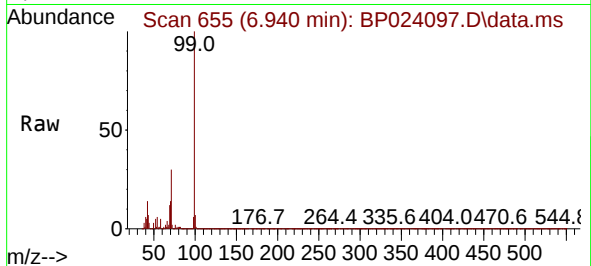


#7  
Phenol-d6  
Concen: 113.668 ng  
RT: 6.940 min Scan# 656  
Delta R.T. -0.006 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2025

Tgt Ion: 99 Resp: 3505844

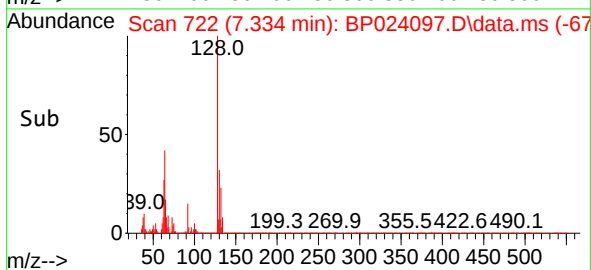
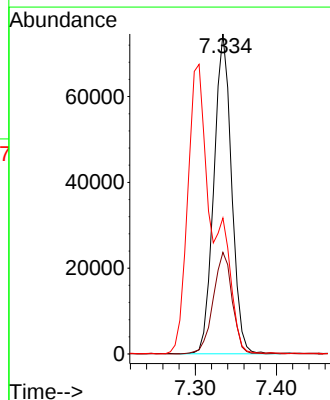
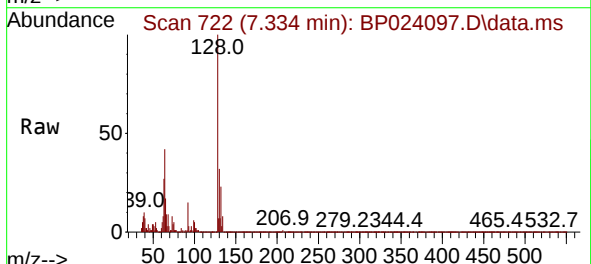
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|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 13.8  | 10.3  | 15.5  |
| 71  | 30.2  | 22.9  | 34.3  |



#8  
2-Chlorophenol  
Concen: 4.446 ng  
RT: 7.334 min Scan# 722  
Delta R.T. -0.000 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

Tgt Ion: 128 Resp: 112918

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 31.7  | 11.5  | 51.5  |
| 64  | 42.5  | 19.8  | 59.8  |

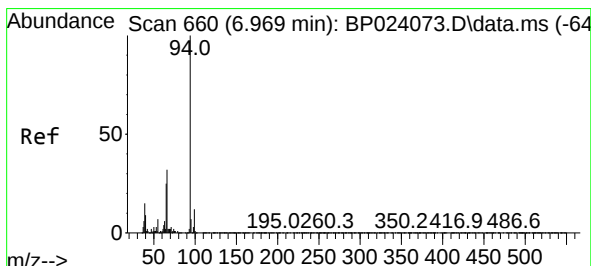
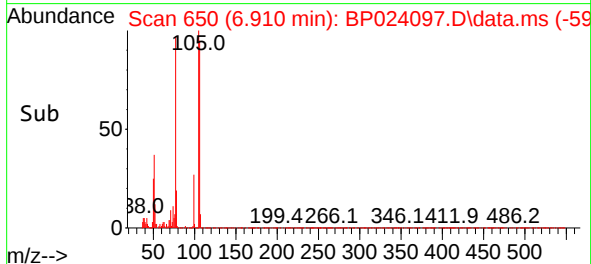
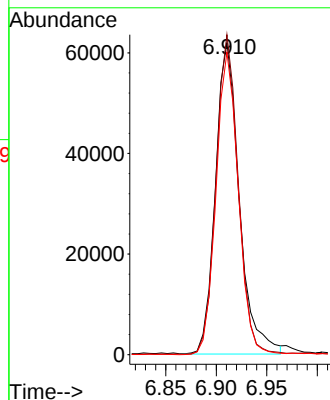
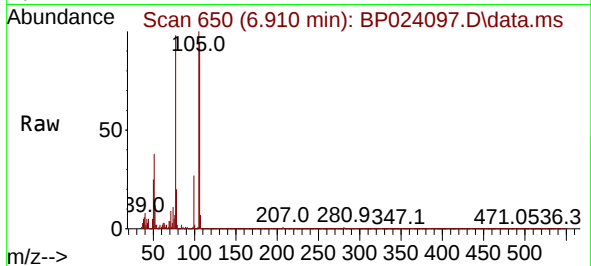




#9  
Benzaldehyde  
Concen: 7.187 ng m  
RT: 6.910 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

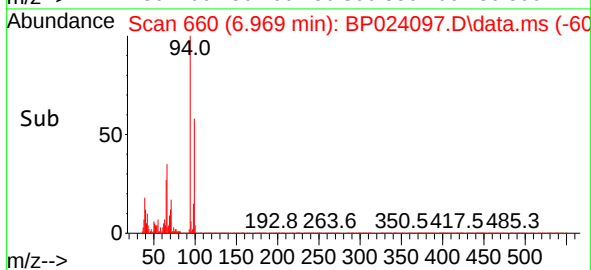
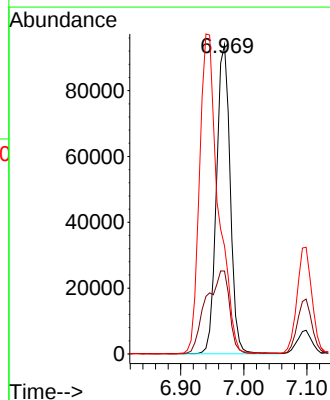
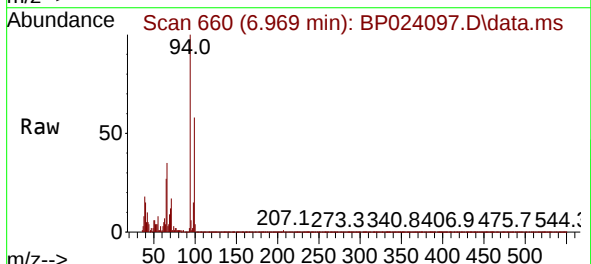
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2025

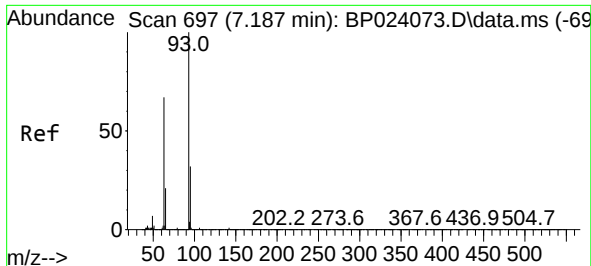
Tgt Ion: 77 Resp: 101205  
Ion Ratio Lower Upper  
77 100  
105 102.6 81.4 121.4  
106 96.9 79.0 119.0



#10  
Phenol  
Concen: 4.559 ng  
RT: 6.969 min Scan# 660  
Delta R.T. -0.000 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

Tgt Ion: 94 Resp: 141387  
Ion Ratio Lower Upper  
94 100  
65 26.8 5.0 45.0  
66 34.9 11.6 51.6

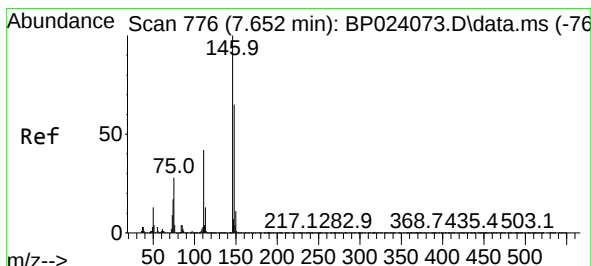
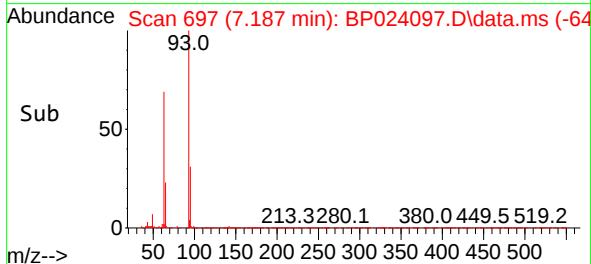
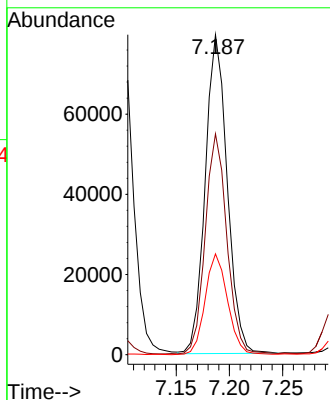
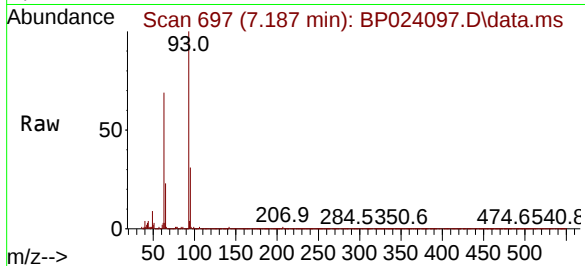




#11  
bis(2-Chloroethyl)ether  
Concen: 4.678 ng  
RT: 7.187 min Scan# 697  
Delta R.T. -0.000 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

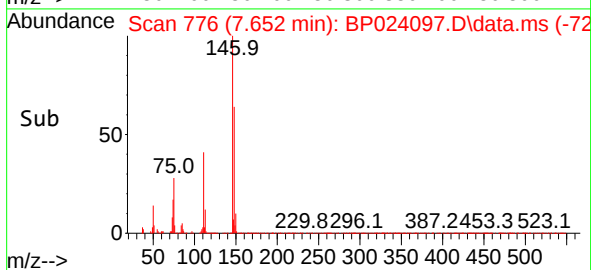
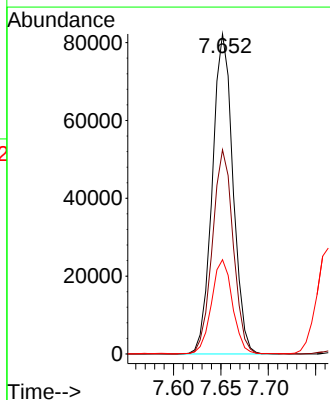
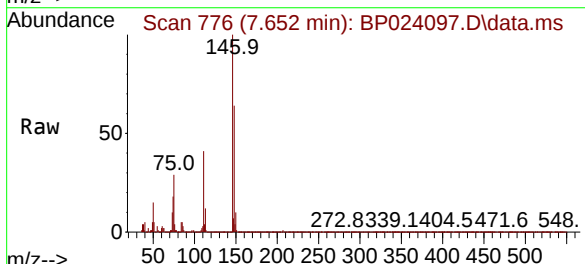
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2025

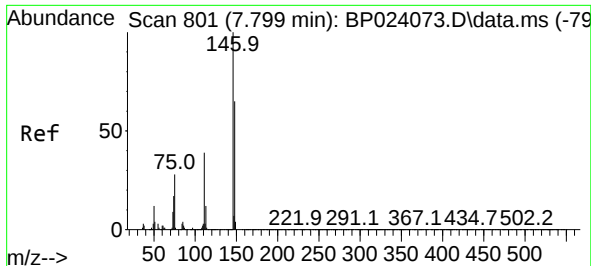
Tgt Ion: 93 Resp: 114274  
Ion Ratio Lower Upper  
93 100  
63 69.0 46.5 86.5  
95 31.5 12.3 52.3



#12  
1,3-Dichlorobenzene  
Concen: 4.462 ng  
RT: 7.652 min Scan# 776  
Delta R.T. -0.000 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

Tgt Ion: 146 Resp: 124501  
Ion Ratio Lower Upper  
146 100  
148 63.8 51.8 77.8  
75 29.4 22.6 33.8

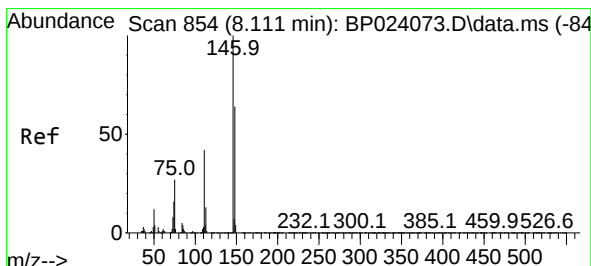
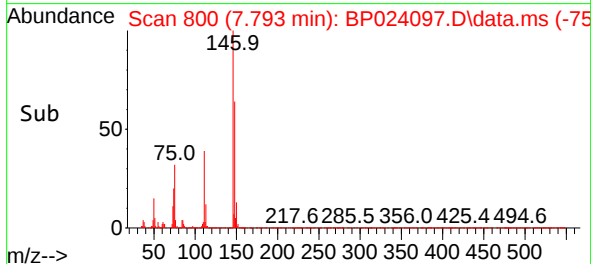
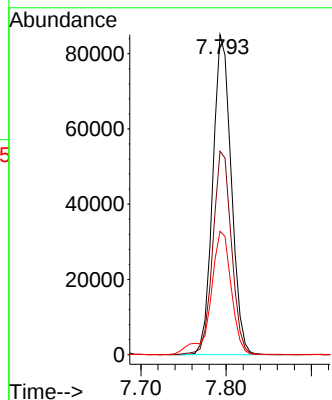
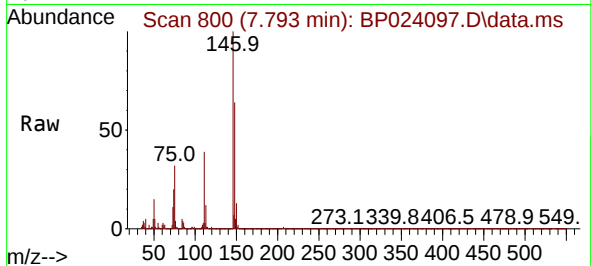




#13  
1,4-Dichlorobenzene  
Concen: 4.526 ng  
RT: 7.793 min Scan# 801  
Delta R.T. -0.006 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

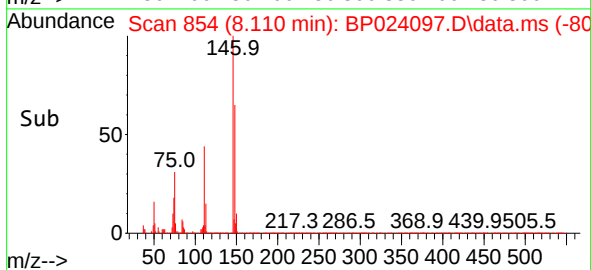
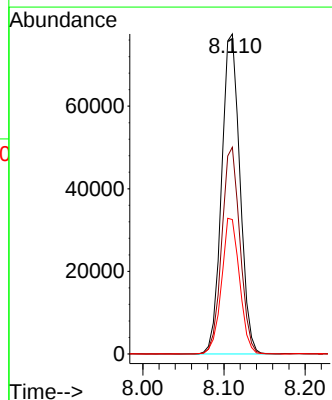
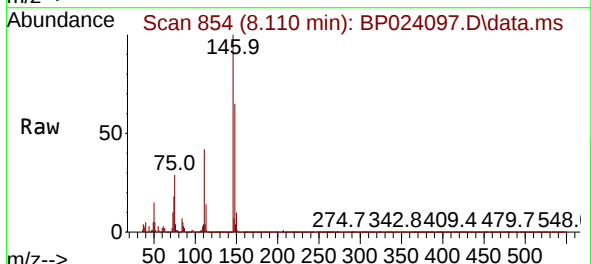
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2025

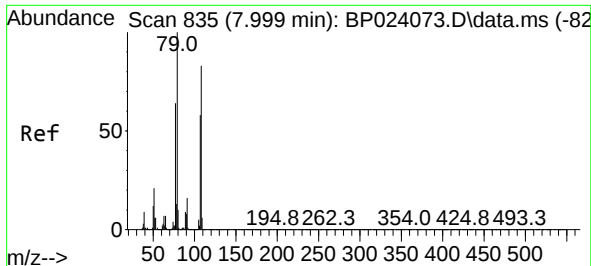
Tgt Ion:146 Resp: 127716  
Ion Ratio Lower Upper  
146 100  
148 63.5 51.6 77.4  
111 38.6 31.2 46.8



#14  
1,2-Dichlorobenzene  
Concen: 4.485 ng  
RT: 8.110 min Scan# 854  
Delta R.T. -0.000 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

Tgt Ion:146 Resp: 121450  
Ion Ratio Lower Upper  
146 100  
148 64.6 51.2 76.8  
111 42.0 33.4 50.0

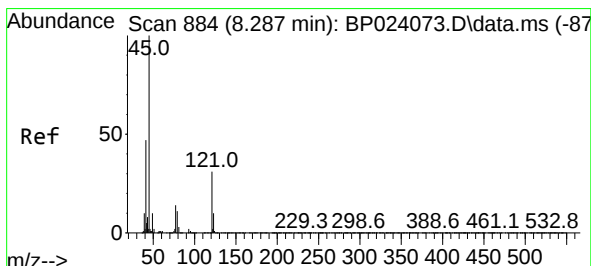
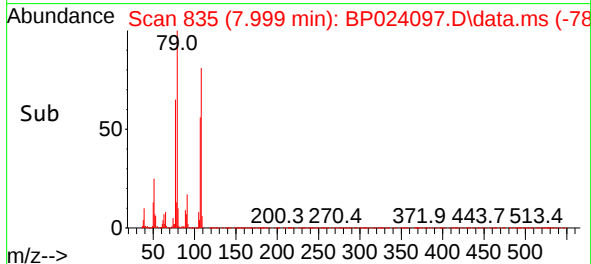
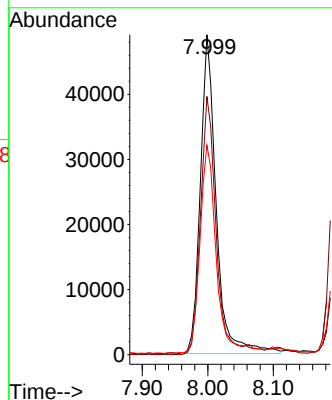
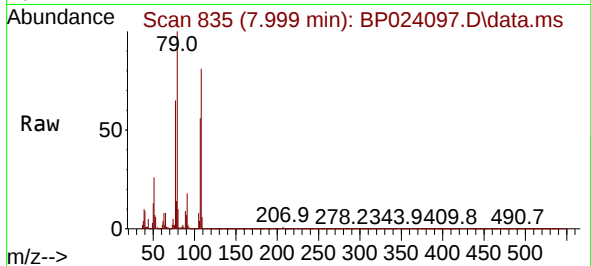




#15  
Benzyl Alcohol  
Concen: 4.372 ng  
RT: 7.999 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

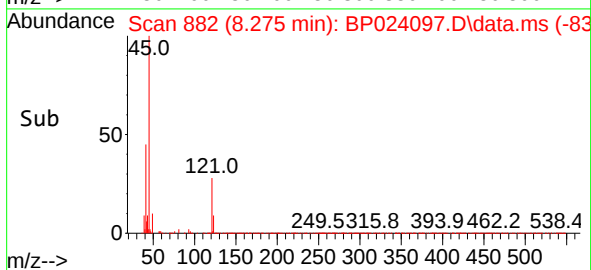
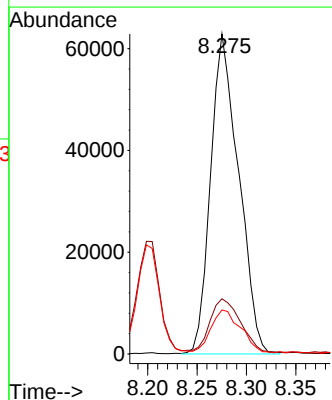
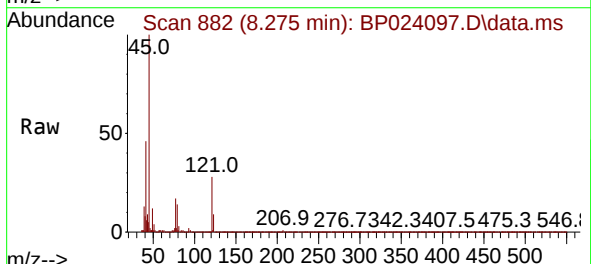
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2025

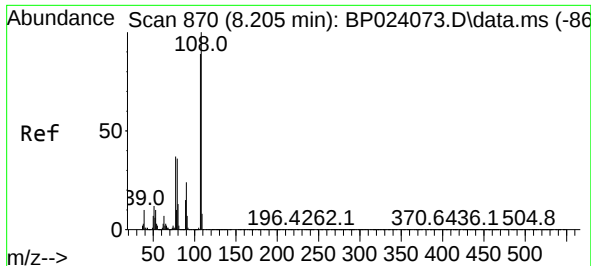
Tgt Ion: 79 Resp: 82542  
Ion Ratio Lower Upper  
79 100  
108 80.7 66.4 99.6  
77 65.5 51.3 76.9



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 5.238 ng m  
RT: 8.275 min Scan# 882  
Delta R.T. -0.012 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

Tgt Ion: 45 Resp: 124206  
Ion Ratio Lower Upper  
45 100  
77 17.2 0.0 38.8  
79 13.8 0.0 35.4

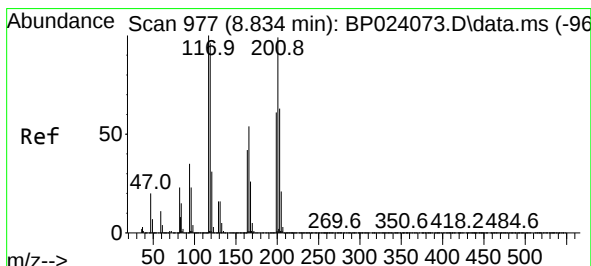
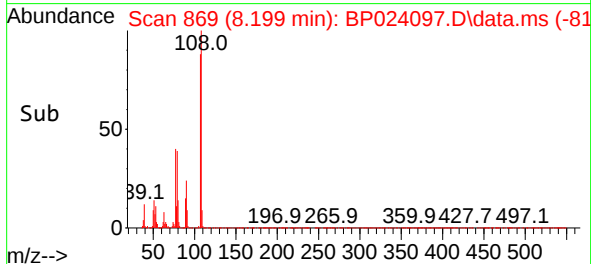
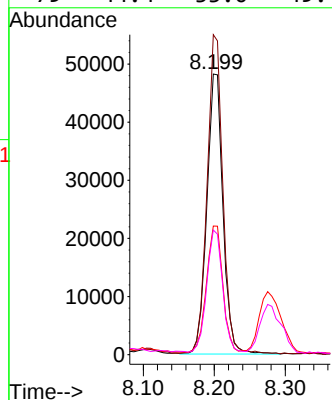
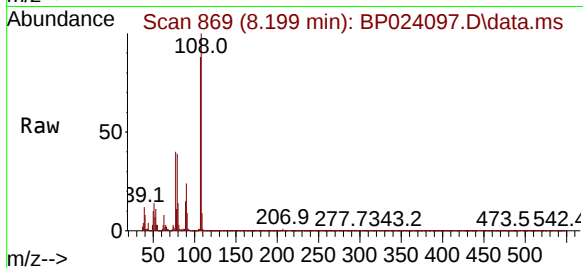




#17  
2-Methylphenol  
Concen: 4.032 ng  
RT: 8.199 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

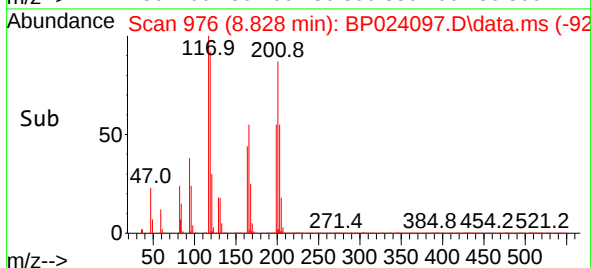
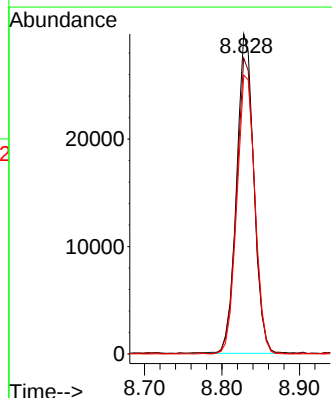
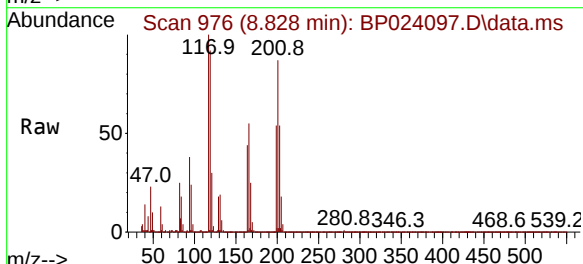
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2025

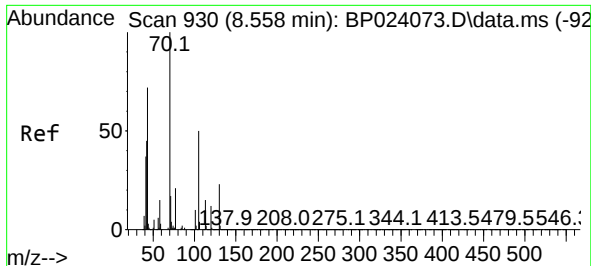
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 76200 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 114.0 | 90.0  | 135.0 |
| 77       | 45.8  | 33.8  | 50.6  |
| 79       | 44.4  | 33.0  | 49.4  |



#18  
Hexachloroethane  
Concen: 4.548 ng  
RT: 8.828 min Scan# 976  
Delta R.T. -0.006 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 46224 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 92.4  | 76.9  | 115.3 |
| 201      | 89.2  | 79.4  | 119.2 |

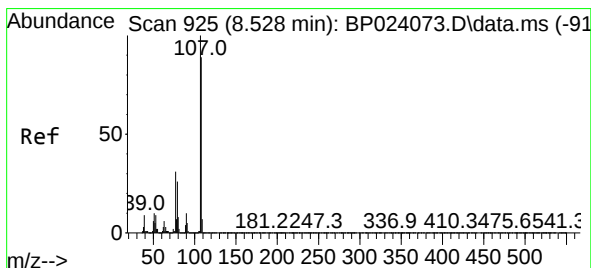
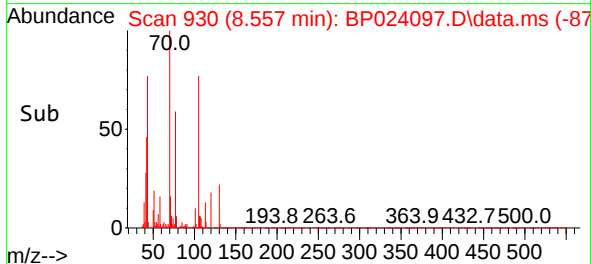
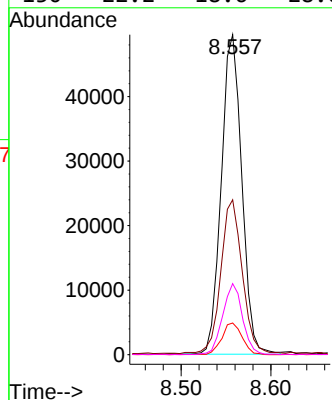
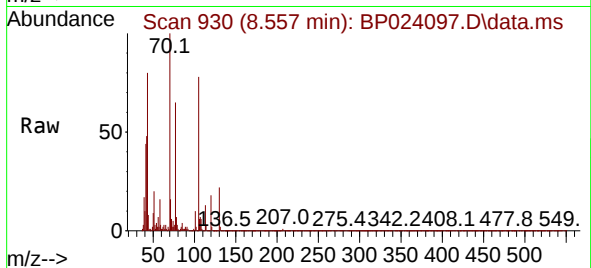




#19  
n-Nitroso-di-n-propylamine  
Concen: 4.736 ng  
RT: 8.557 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

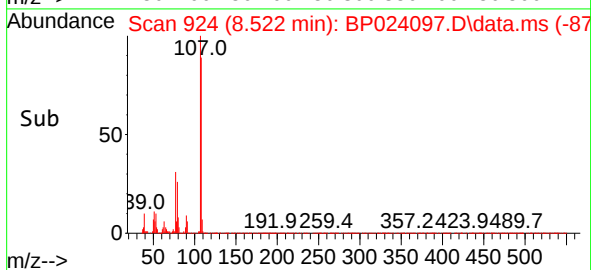
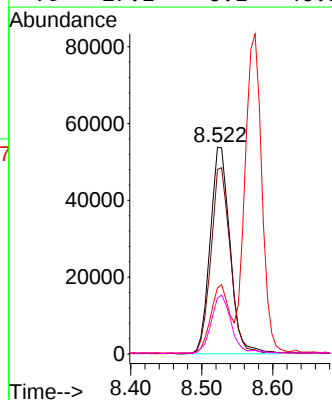
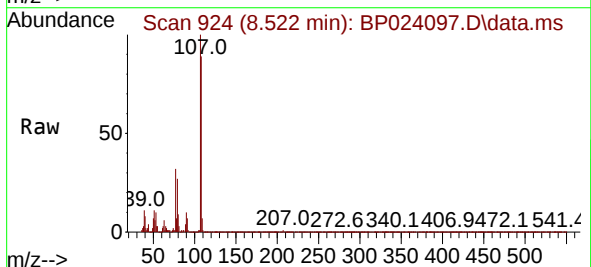
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2025

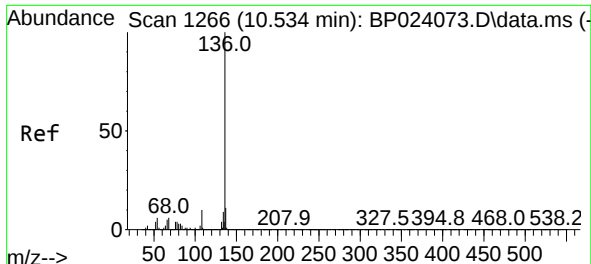
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 78535 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 48.4  | 36.6  | 54.8  |
| 101      | 9.9   | 8.2   | 12.2  |
| 130      | 22.2  | 18.6  | 28.0  |



#20  
3+4-Methylphenols  
Concen: 4.062 ng  
RT: 8.522 min Scan# 924  
Delta R.T. -0.006 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 104432 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 89.4  | 68.5  | 108.5  |
| 77       | 32.0  | 10.7  | 50.7   |
| 79       | 27.1  | 6.1   | 46.1   |



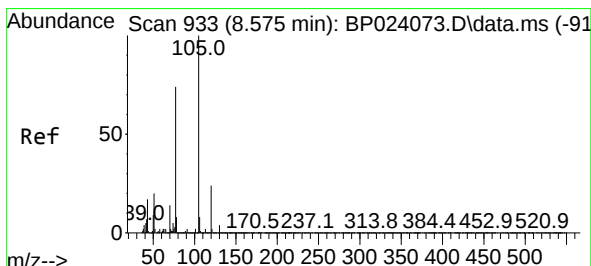
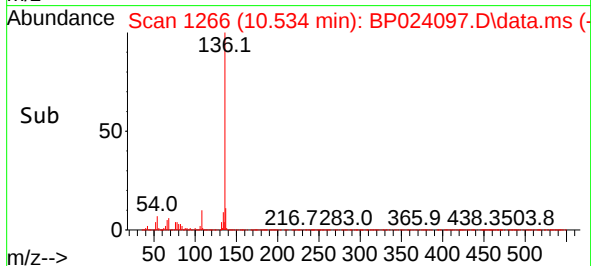
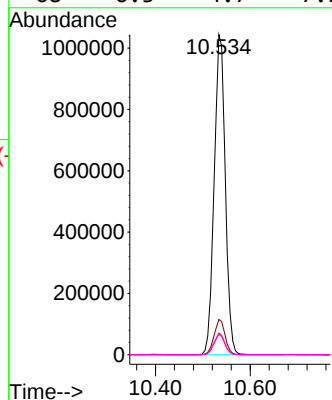
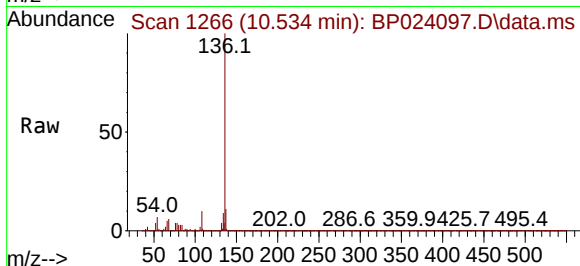


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.534 min Scan# 1266  
Delta R.T. -0.000 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

Instrument : BNA\_P  
ClientSampleId : LOD-MDL-WATER-01-QT1-2025

Tgt Ion:136 Resp: 1699619

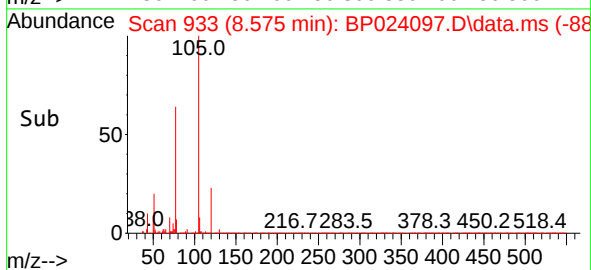
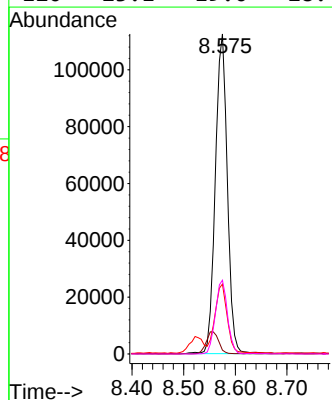
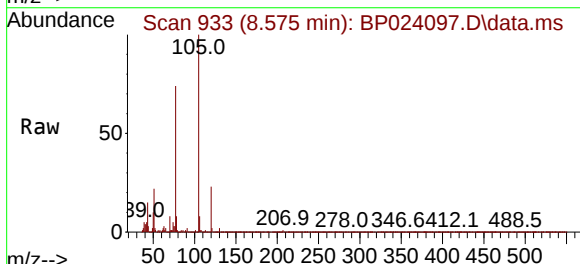
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.0  | 8.7   | 13.1  |
| 54  | 6.8   | 4.9   | 7.3   |
| 68  | 6.3   | 4.7   | 7.1   |

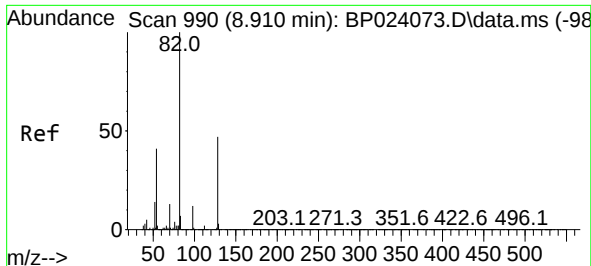


#22  
Acetophenone  
Concen: 4.161 ng  
RT: 8.575 min Scan# 933  
Delta R.T. -0.000 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

Tgt Ion:105 Resp: 181730

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 1.2   | 1.9   | 2.9   |
| 51  | 21.9  | 16.3  | 24.5  |
| 120 | 23.1  | 19.0  | 28.4  |

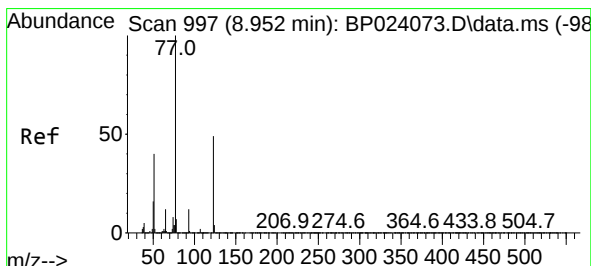
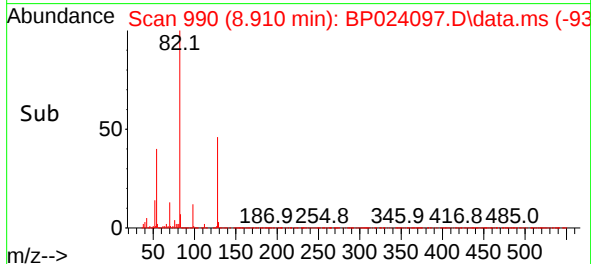
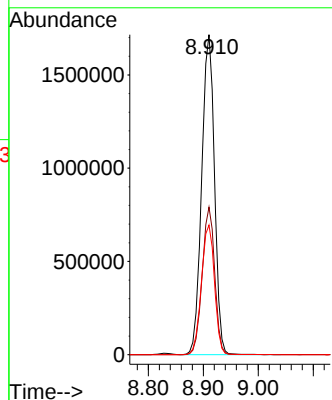
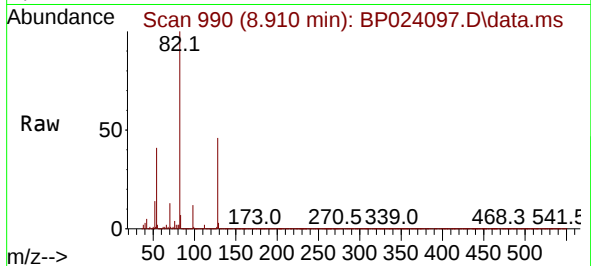




#23  
Nitrobenzene-d5  
Concen: 91.010 ng  
RT: 8.910 min Scan# 990  
Delta R.T. -0.000 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

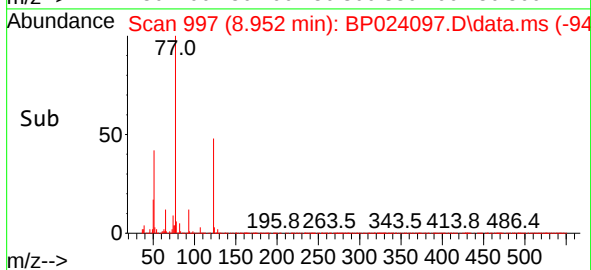
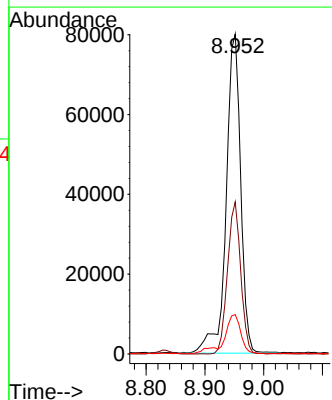
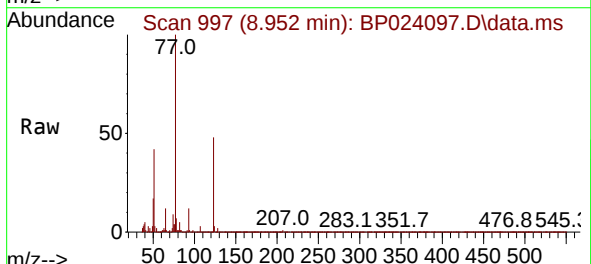
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2025

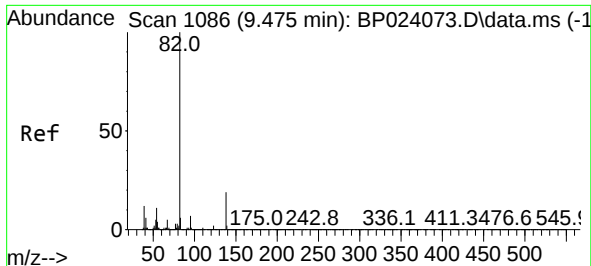
Tgt Ion: 82 Resp: 2772634  
Ion Ratio Lower Upper  
82 100  
128 46.1 37.4 56.2  
54 40.5 32.4 48.6



#24  
Nitrobenzene  
Concen: 4.579 ng  
RT: 8.952 min Scan# 997  
Delta R.T. -0.000 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

Tgt Ion: 77 Resp: 137295  
Ion Ratio Lower Upper  
77 100  
123 47.5 39.4 59.2  
65 12.3 9.9 14.9

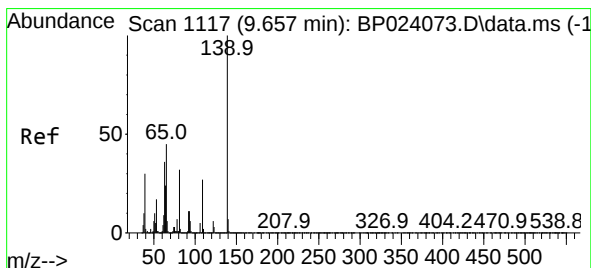
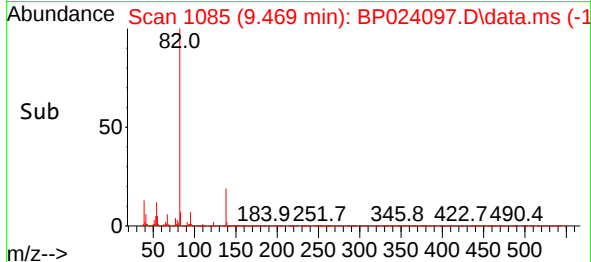
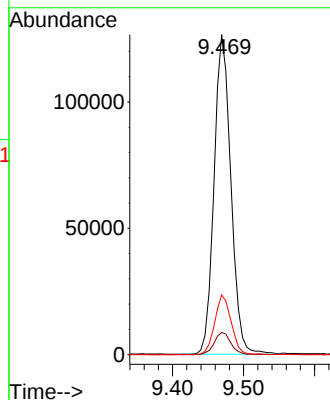
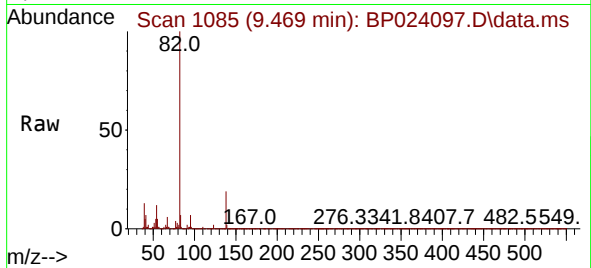




#25  
Isophorone  
Concen: 4.176 ng  
RT: 9.469 min Scan# 1085  
Delta R.T. -0.006 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

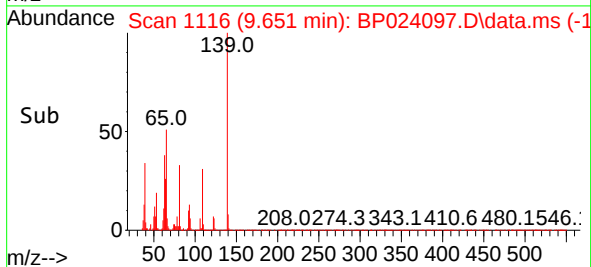
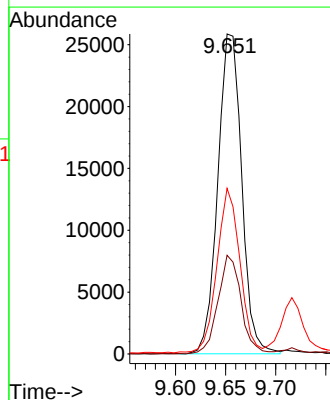
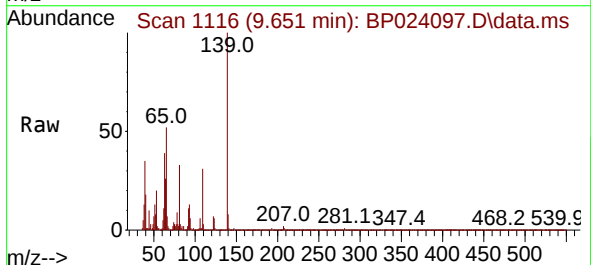
Instrument : BNA\_P  
ClientSampleId : LOD-MDL-WATER-01-QT1-2025

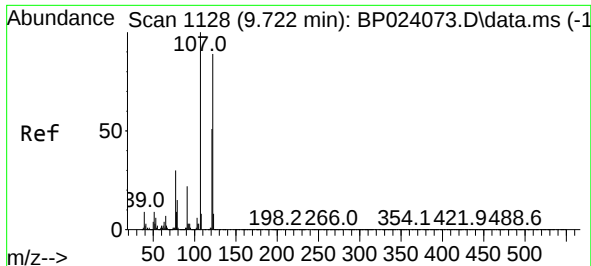
Tgt Ion: 82 Resp: 208032  
Ion Ratio Lower Upper  
82 100  
95 6.9 5.4 8.0  
138 18.6 15.3 22.9



#26  
2-Nitrophenol  
Concen: 3.105 ng  
RT: 9.651 min Scan# 1116  
Delta R.T. -0.006 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

Tgt Ion: 139 Resp: 42896  
Ion Ratio Lower Upper  
139 100  
109 30.9 21.7 32.5  
65 51.8 36.1 54.1

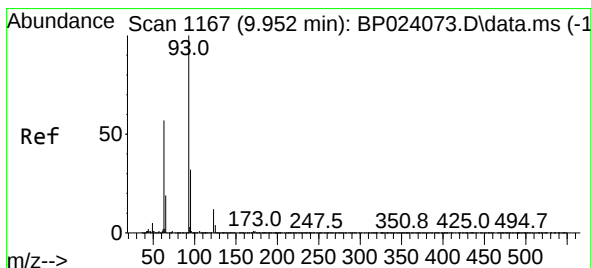
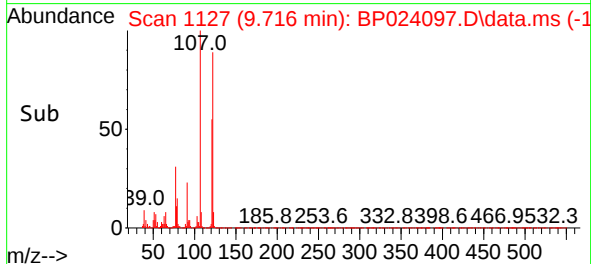
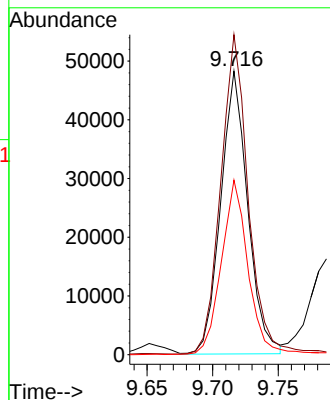
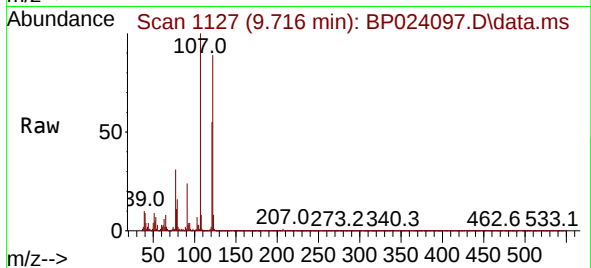




#27  
2,4-Dimethylphenol  
Concen: 3.797 ng  
RT: 9.716 min Scan# 1127  
Delta R.T. -0.006 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

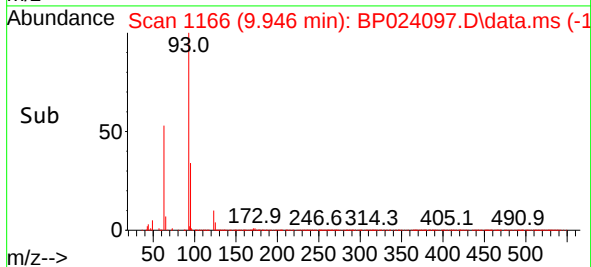
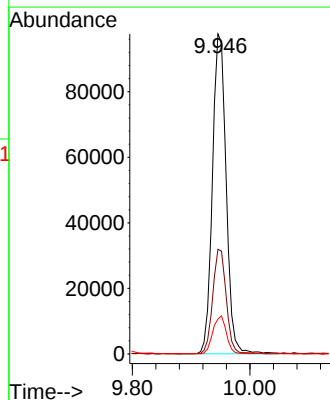
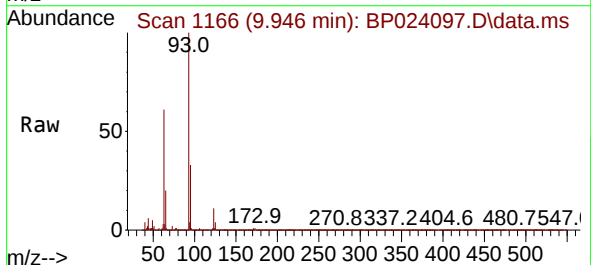
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2025

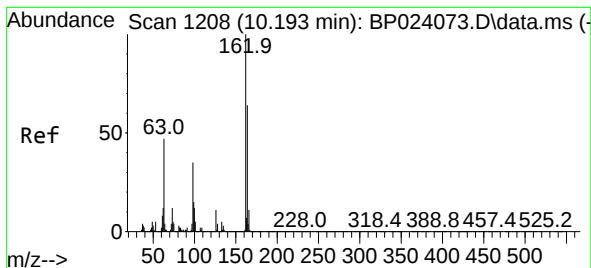
Tgt Ion:122 Resp: 68856  
Ion Ratio Lower Upper  
122 100  
107 112.9 89.8 134.8  
121 61.6 45.9 68.9



#28  
bis(2-Chloroethoxy)methane  
Concen: 4.378 ng  
RT: 9.946 min Scan# 1166  
Delta R.T. -0.006 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

Tgt Ion: 93 Resp: 158012  
Ion Ratio Lower Upper  
93 100  
95 32.7 25.9 38.9  
123 10.9 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 3.367 ng

RT: 10.193 min Scan# 1208

Delta R.T. -0.000 min

Lab File: BP024097.D

Acq: 19 Feb 2025 13:57

Instrument :

BNA\_P

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

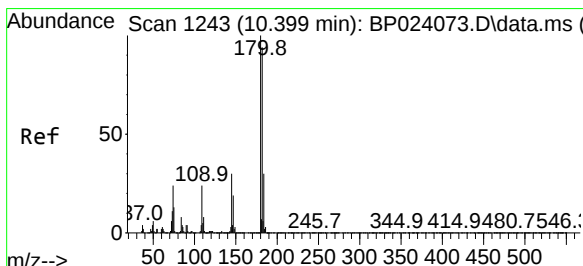
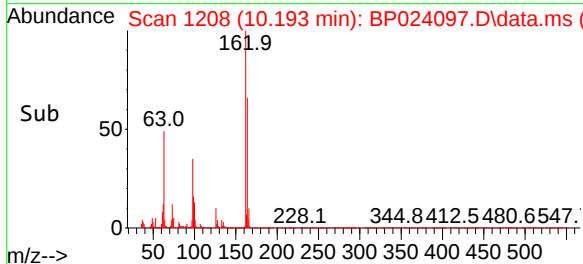
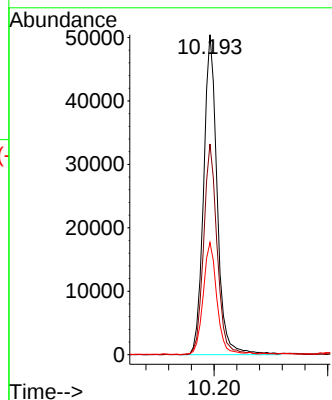
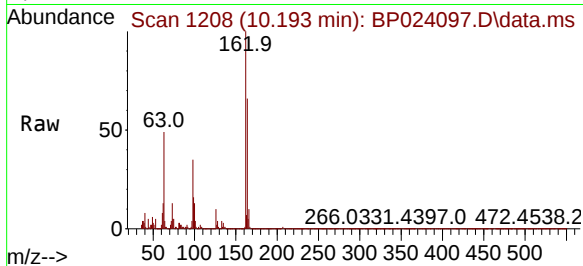
Tgt Ion:162 Resp: 83323

Ion Ratio Lower Upper

162 100

164 65.8 44.5 84.5

98 35.1 15.3 55.3



#30

1,2,4-Trichlorobenzene

Concen: 4.022 ng

RT: 10.399 min Scan# 1243

Delta R.T. -0.000 min

Lab File: BP024097.D

Acq: 19 Feb 2025 13:57

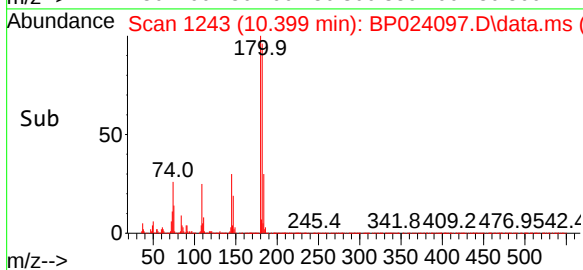
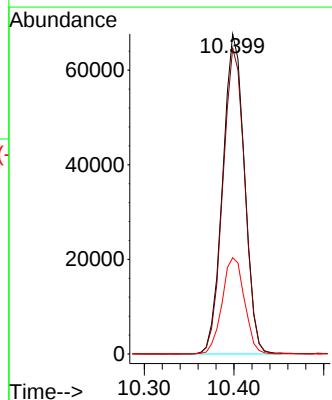
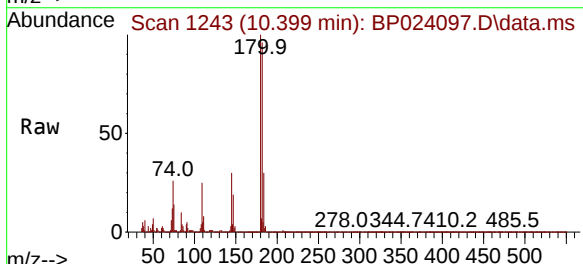
Tgt Ion:180 Resp: 114040

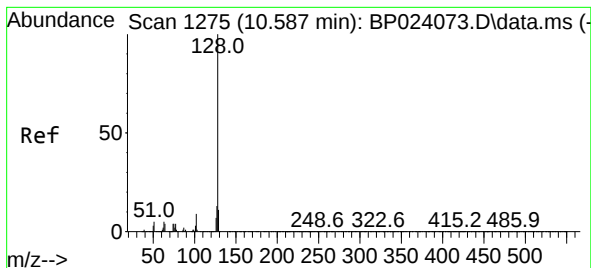
Ion Ratio Lower Upper

180 100

182 95.6 75.4 113.2

145 30.0 24.0 36.0





#31

Naphthalene

Concen: 4.268 ng

RT: 10.587 min Scan# 1139

Delta R.T. -0.000 min

Lab File: BP024097.D

Acq: 19 Feb 2025 13:57

Instrument :

BNA\_P

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

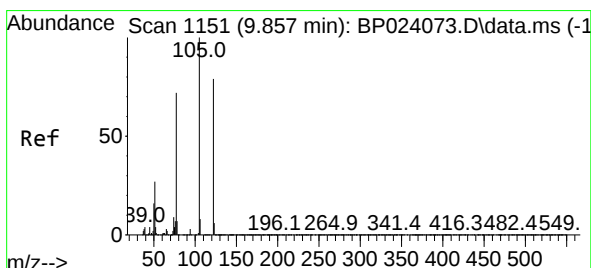
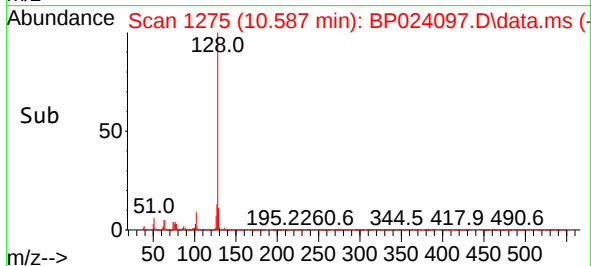
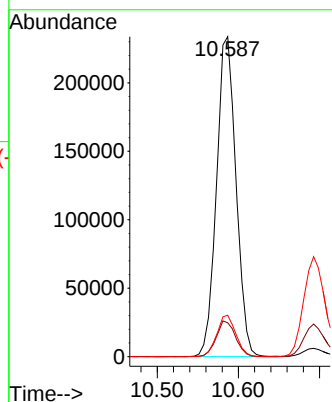
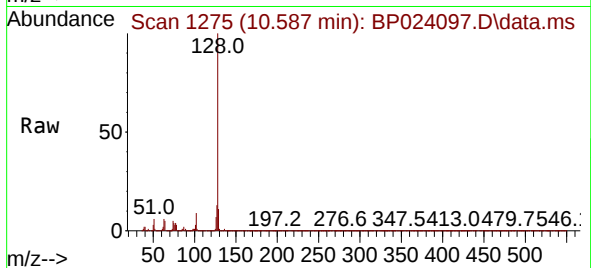
Tgt Ion:128 Resp: 390011

Ion Ratio Lower Upper

128 100

129 10.6 8.6 13.0

127 12.9 10.3 15.5



#32

Benzoic acid

Concen: 9.135 ng

RT: 9.787 min Scan# 1139

Delta R.T. -0.070 min

Lab File: BP024097.D

Acq: 19 Feb 2025 13:57

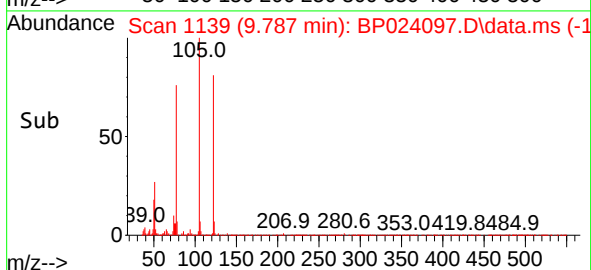
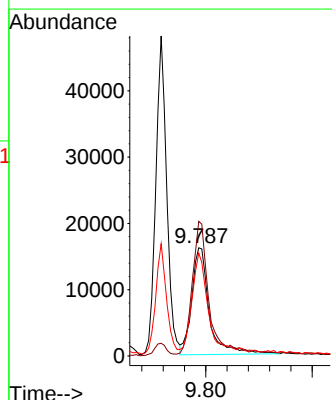
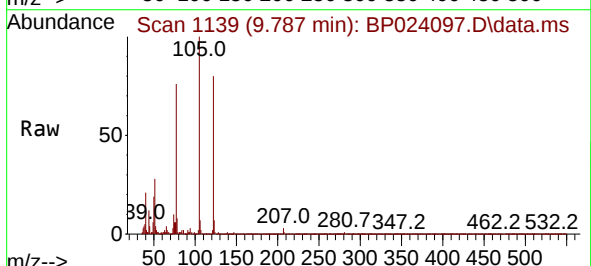
Tgt Ion:122 Resp: 37112

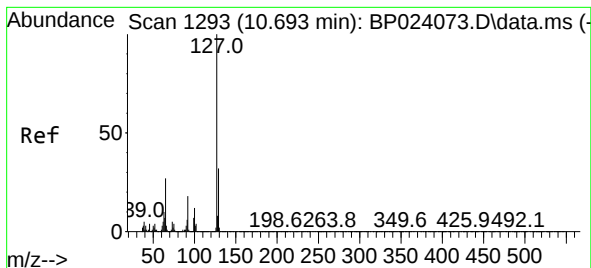
Ion Ratio Lower Upper

122 100

105 124.4 103.7 143.7

77 95.1 69.9 109.9





#33

4-Chloroaniline

Concen: 4.279 ng

RT: 10.693 min Scan# 1293

Delta R.T. -0.000 min

Lab File: BP024097.D

Acq: 19 Feb 2025 13:57

Instrument :

BNA\_P

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

Tgt Ion:127 Resp: 137755

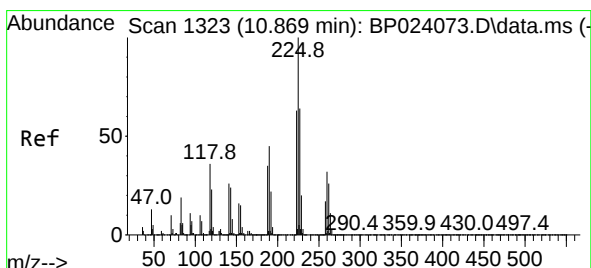
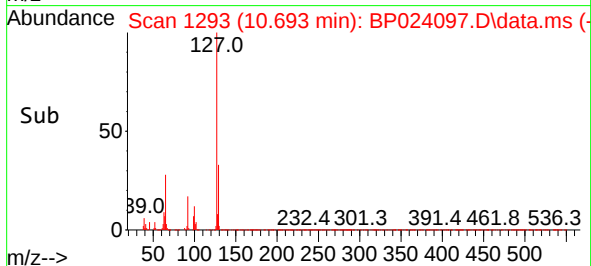
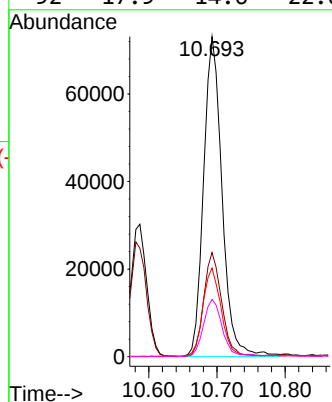
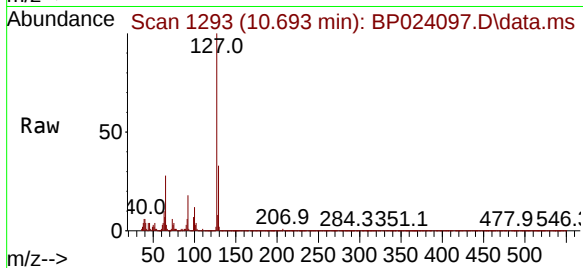
Ion Ratio Lower Upper

127 100

129 32.6 25.4 38.0

65 27.7 21.3 31.9

92 17.9 14.6 22.0



#34

Hexachlorobutadiene

Concen: 4.132 ng

RT: 10.875 min Scan# 1324

Delta R.T. 0.006 min

Lab File: BP024097.D

Acq: 19 Feb 2025 13:57

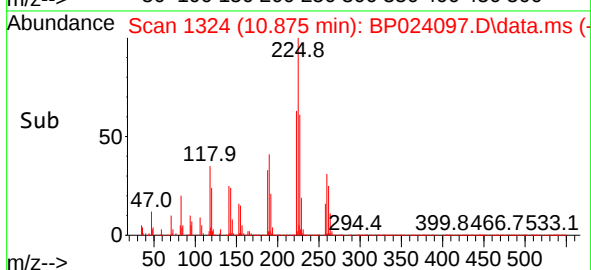
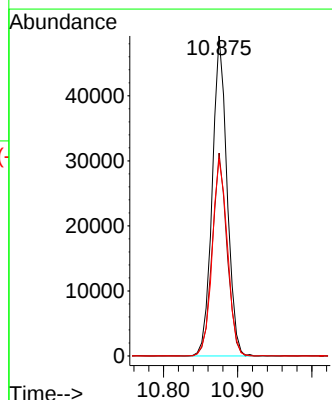
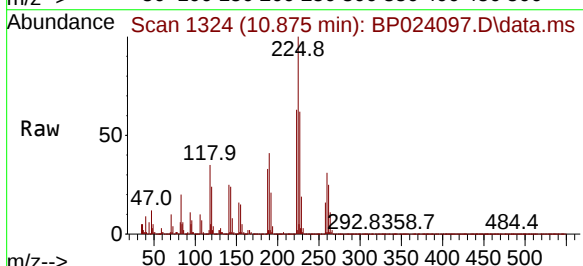
Tgt Ion:225 Resp: 67861

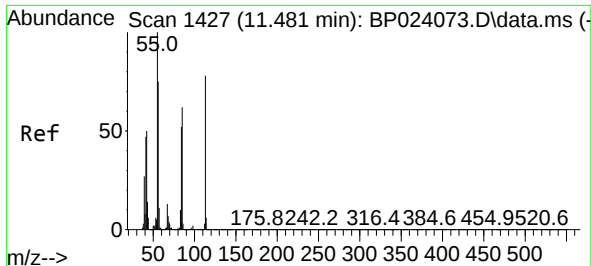
Ion Ratio Lower Upper

225 100

223 65.8 50.5 75.7

227 61.5 51.3 76.9

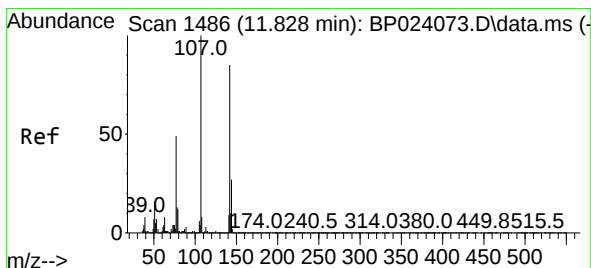
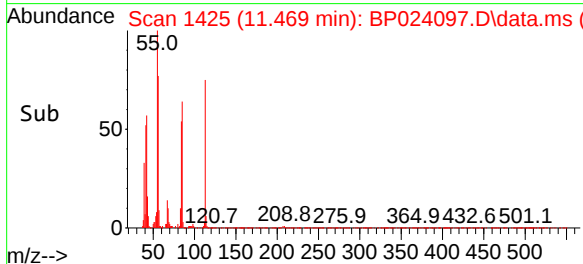
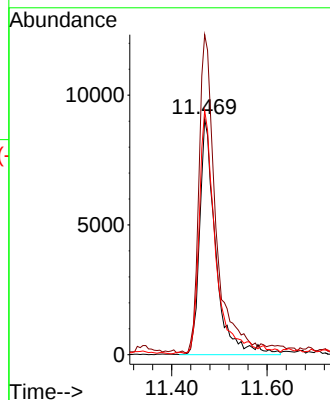
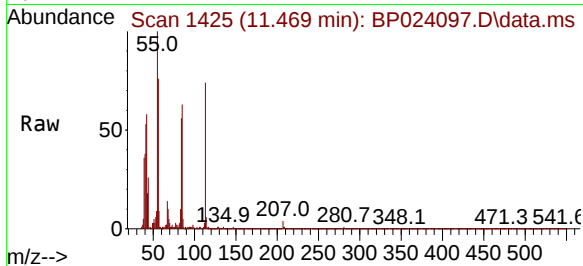




#35  
Caprolactam  
Concen: 7.819 ng m  
RT: 11.469 min Scan# 1427  
Delta R.T. -0.012 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

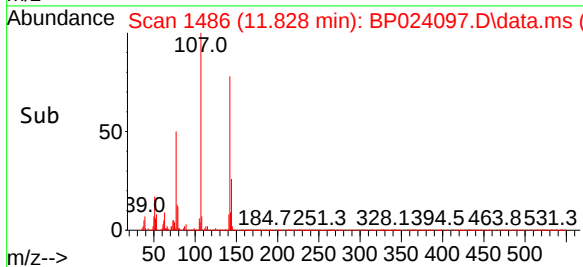
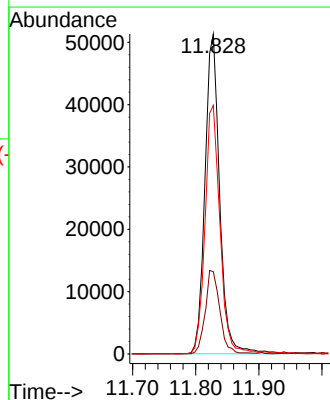
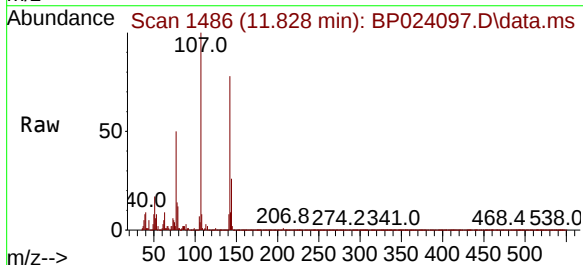
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2025

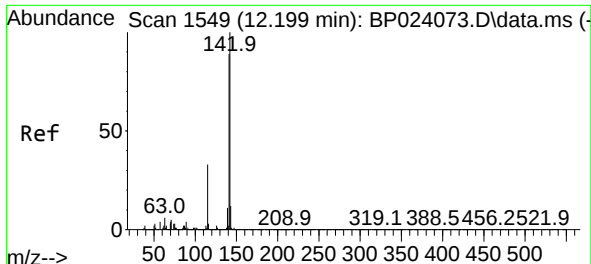
Tgt Ion:113 Resp: 21170  
Ion Ratio Lower Upper  
113 100  
55 135.7 108.8 148.8  
56 103.7 76.5 116.5



#36  
4-Chloro-3-methylphenol  
Concen: 3.268 ng  
RT: 11.828 min Scan# 1486  
Delta R.T. -0.000 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

Tgt Ion:107 Resp: 83121  
Ion Ratio Lower Upper  
107 100  
144 25.7 21.8 32.8  
142 77.7 67.8 101.8

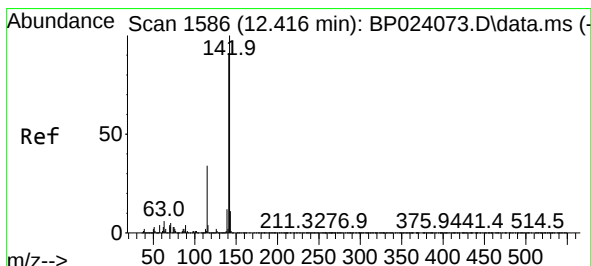
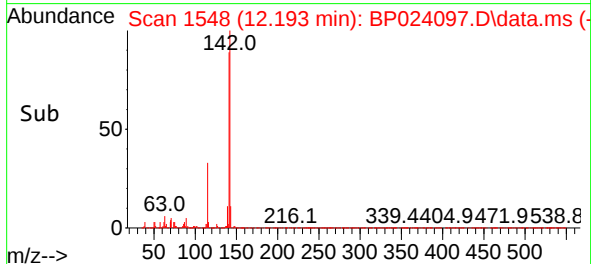
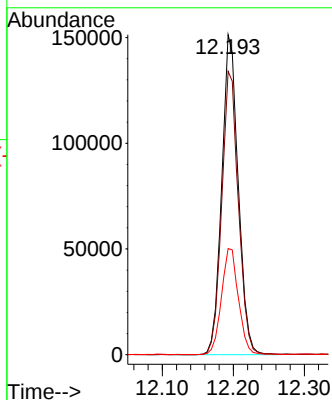
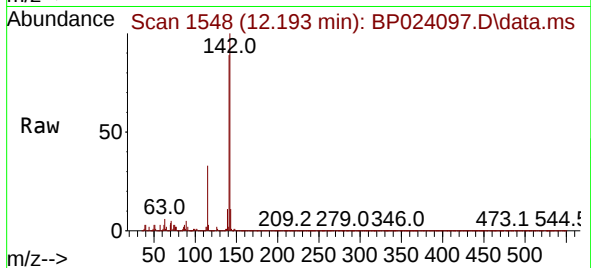




#37  
2-Methylnaphthalene  
Concen: 3.994 ng  
RT: 12.193 min Scan# 1549  
Delta R.T. -0.006 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

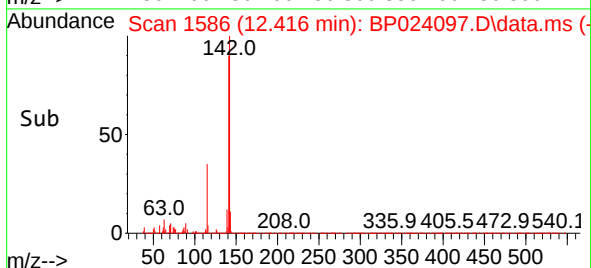
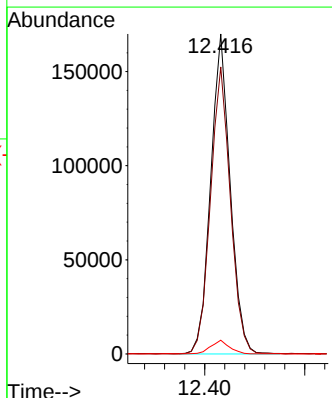
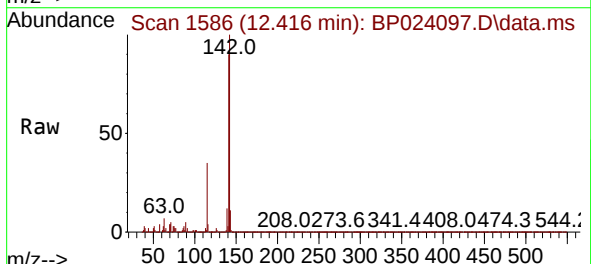
Instrument : BNA\_P  
ClientSampleId : LOD-MDL-WATER-01-QT1-2025

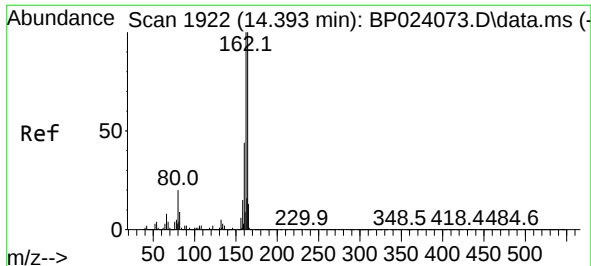
Tgt Ion:142 Resp: 242606  
Ion Ratio Lower Upper  
142 100  
141 88.5 71.2 106.8  
115 33.2 26.5 39.7



#38  
1-Methylnaphthalene  
Concen: 3.890 ng m  
RT: 12.416 min Scan# 1586  
Delta R.T. -0.000 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

Tgt Ion:142 Resp: 229846  
Ion Ratio Lower Upper  
142 100  
141 89.7 73.0 109.6  
116 4.3 2.8 4.2#

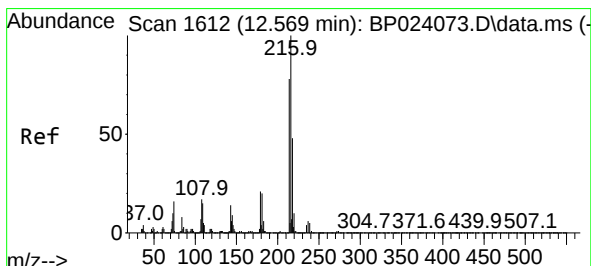
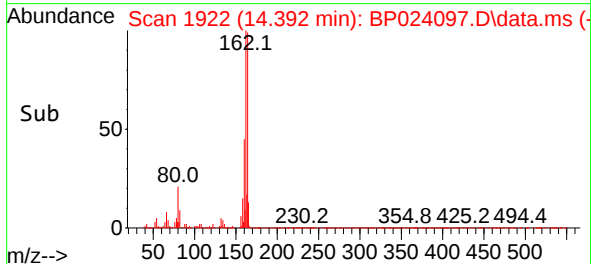
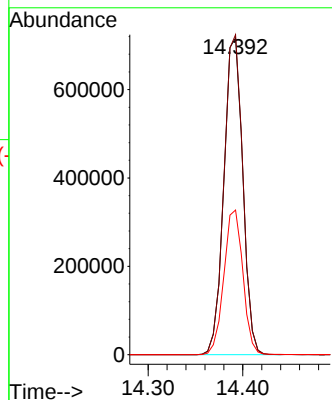
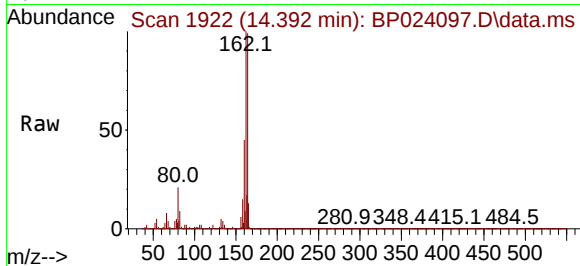




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.392 min Scan# 1922  
Delta R.T. -0.000 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

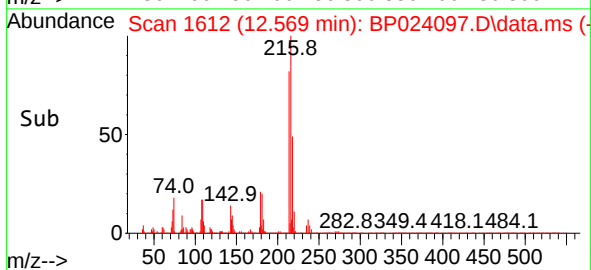
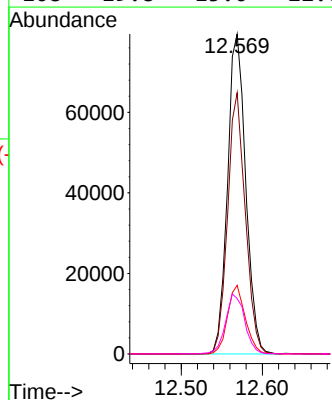
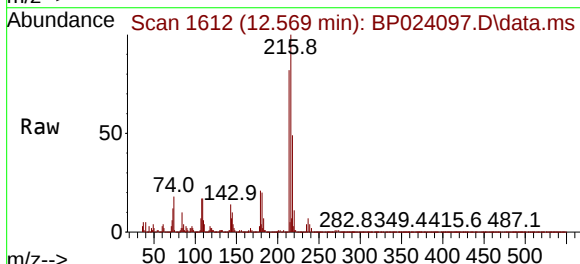
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2025

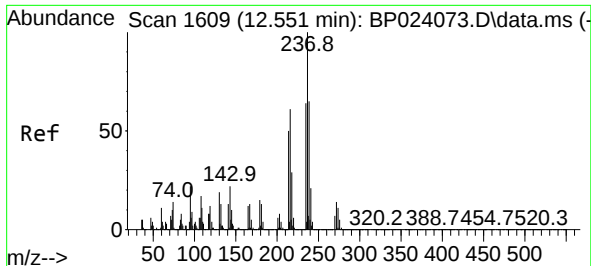
Tgt Ion:164 Resp: 995032  
Ion Ratio Lower Upper  
164 100  
162 101.0 80.1 120.1  
160 45.7 35.6 53.4



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 4.048 ng  
RT: 12.569 min Scan# 1612  
Delta R.T. -0.000 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

Tgt Ion:216 Resp: 123749  
Ion Ratio Lower Upper  
216 100  
214 79.4 62.7 94.1  
179 21.0 16.6 25.0  
108 19.8 15.0 22.6

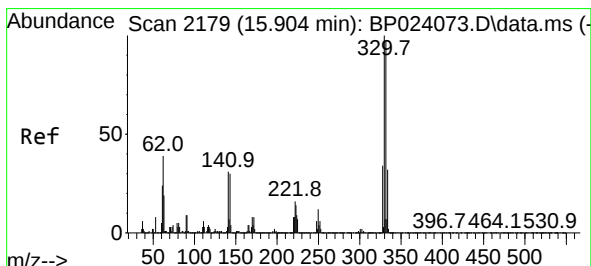
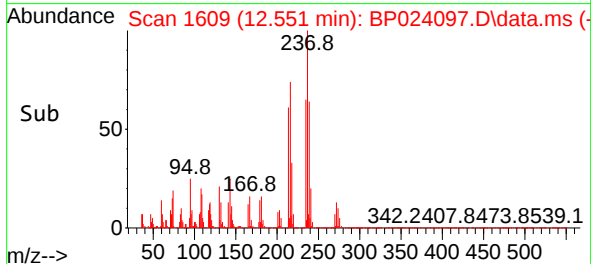
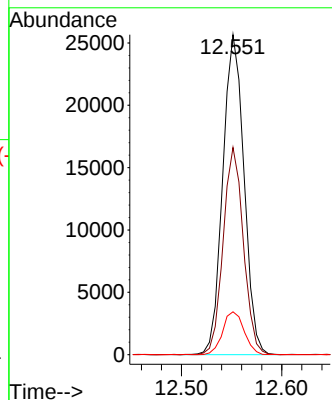
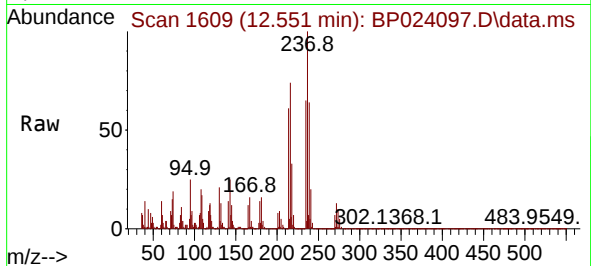




#41  
Hexachlorocyclopentadiene  
Concen: 3.313 ng  
RT: 12.551 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

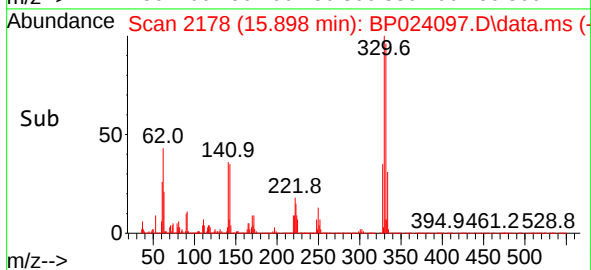
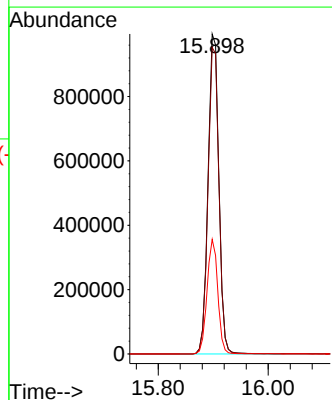
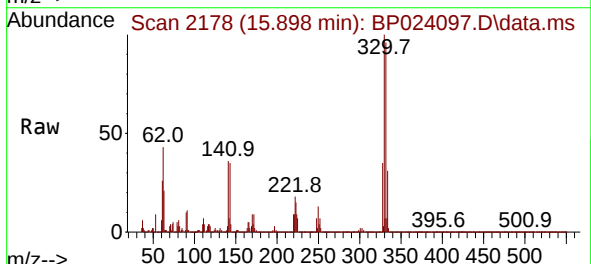
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2025

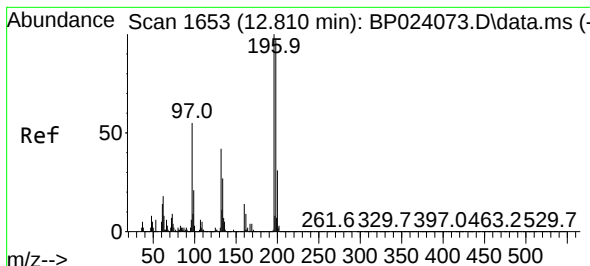
Tgt Ion:237 Resp: 37695  
Ion Ratio Lower Upper  
237 100  
235 64.7 43.5 83.5  
272 13.4 0.0 33.7



#42  
2,4,6-Tribromophenol  
Concen: 111.128 ng  
RT: 15.898 min Scan# 2178  
Delta R.T. -0.006 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

Tgt Ion:330 Resp: 1354436  
Ion Ratio Lower Upper  
330 100  
332 96.7 77.0 115.4  
141 35.6 28.3 42.5





#43

2,4,6-Trichlorophenol

Concen: 3.104 ng

RT: 12.810 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP024097.D

Acq: 19 Feb 2025 13:57

Instrument :

BNA\_P

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

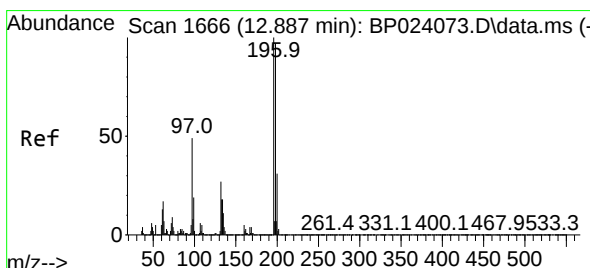
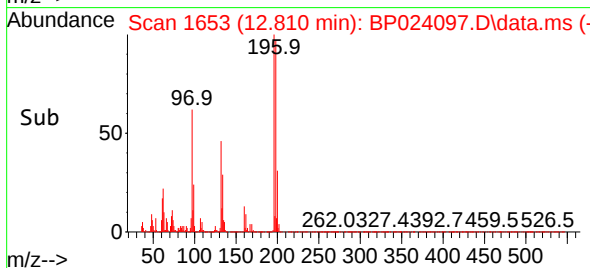
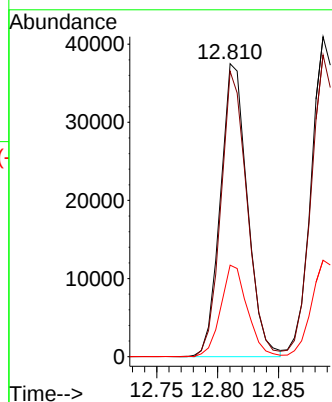
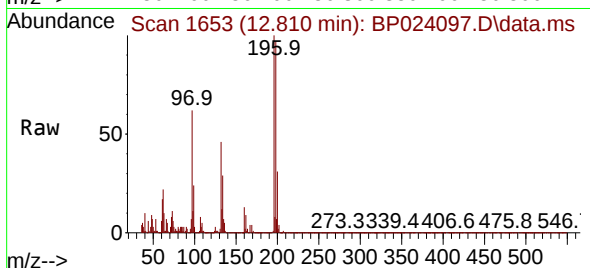
Tgt Ion:196 Resp: 57867

Ion Ratio Lower Upper

196 100

198 97.4 77.8 116.6

200 31.3 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 3.220 ng

RT: 12.887 min Scan# 1666

Delta R.T. -0.000 min

Lab File: BP024097.D

Acq: 19 Feb 2025 13:57

Tgt Ion:196 Resp: 65657

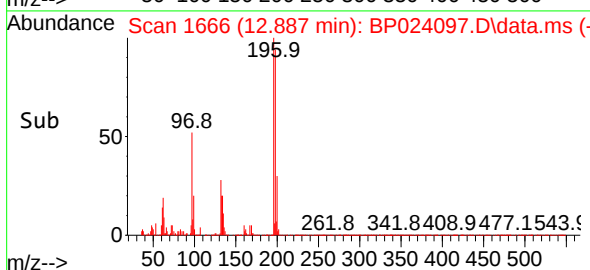
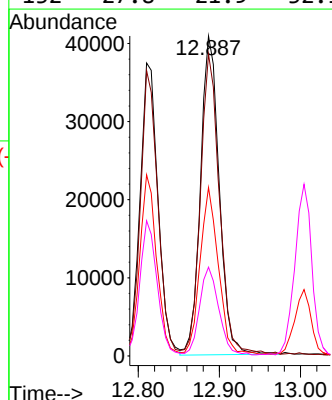
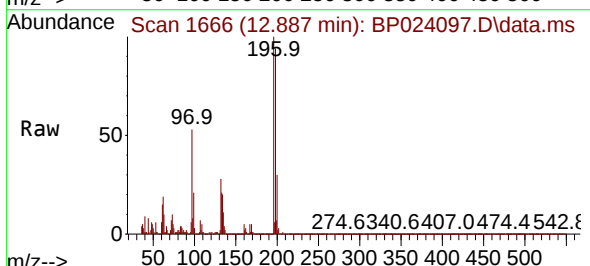
Ion Ratio Lower Upper

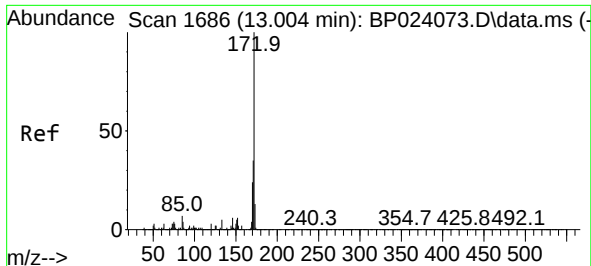
196 100

198 94.3 77.4 116.2

97 52.6 39.0 58.4

132 27.8 21.9 32.9

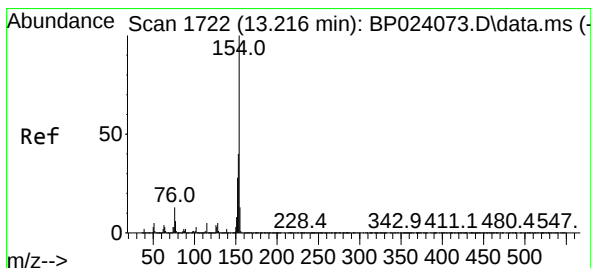
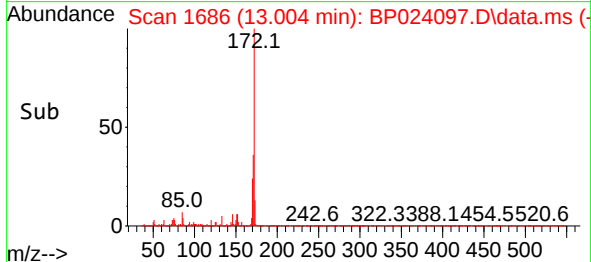
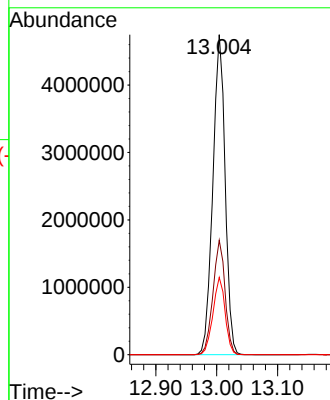
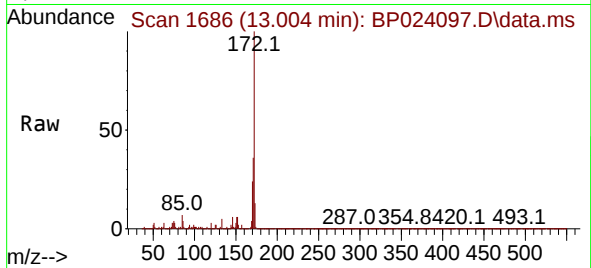




#45  
2-Fluorobiphenyl  
Concen: 93.532 ng  
RT: 13.004 min Scan# 1686  
Delta R.T. -0.000 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

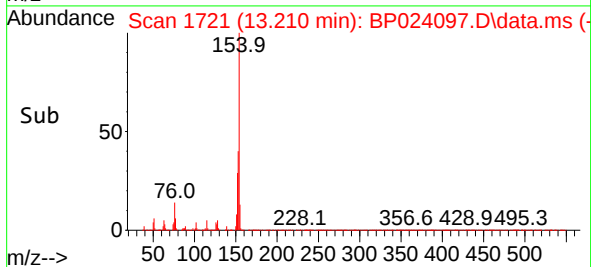
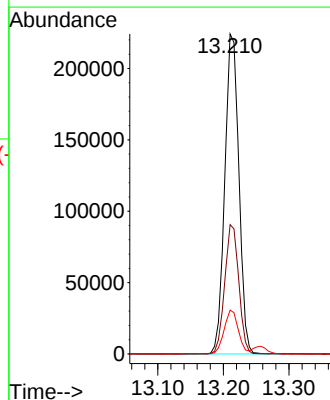
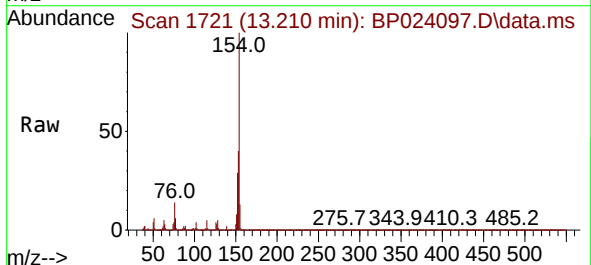
Instrument : BNA\_P  
ClientSampleId : LOD-MDL-WATER-01-QT1-2025

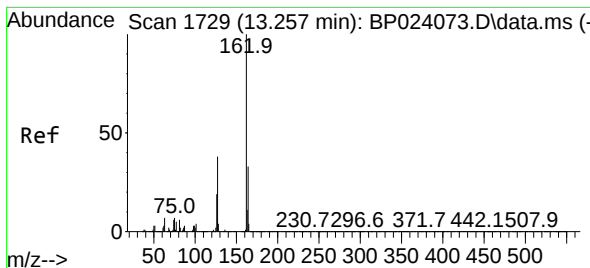
Tgt Ion:172 Resp: 6657161  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.2 42.2  
170 24.2 19.0 28.6



#46  
1,1'-Biphenyl  
Concen: 4.311 ng  
RT: 13.210 min Scan# 1721  
Delta R.T. -0.006 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

Tgt Ion:154 Resp: 333328  
Ion Ratio Lower Upper  
154 100  
153 40.4 20.0 60.0  
76 13.7 0.0 32.6

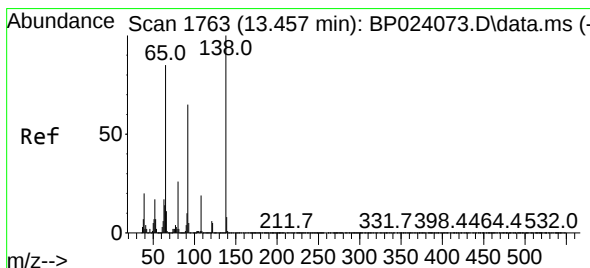
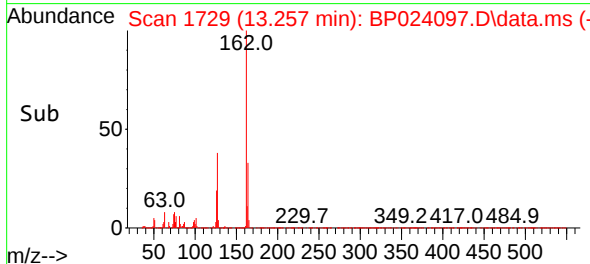
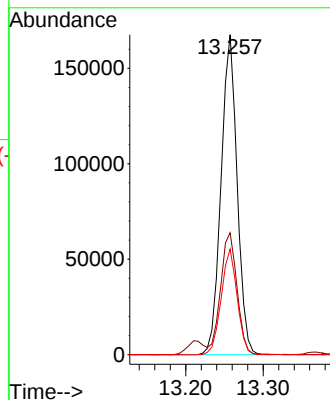
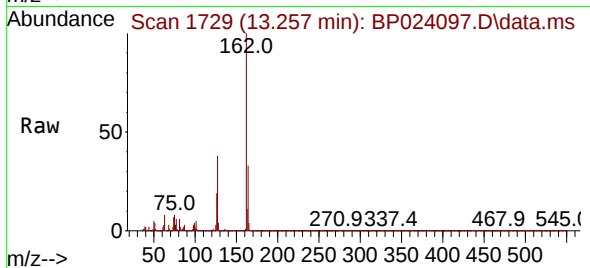




#47  
2-Chloronaphthalene  
Concen: 4.129 ng  
RT: 13.257 min Scan# 1729  
Delta R.T. -0.000 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

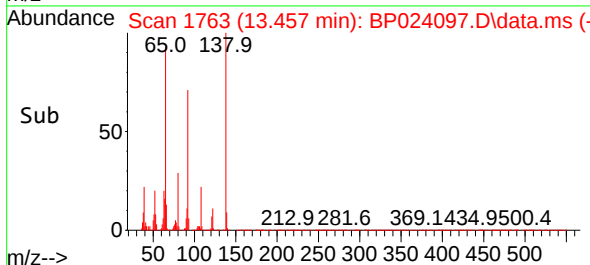
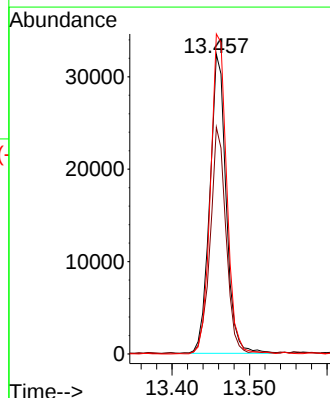
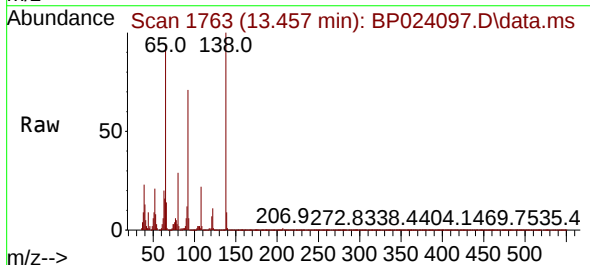
Instrument : BNA\_P  
ClientSampleId : LOD-MDL-WATER-01-QT1-2025

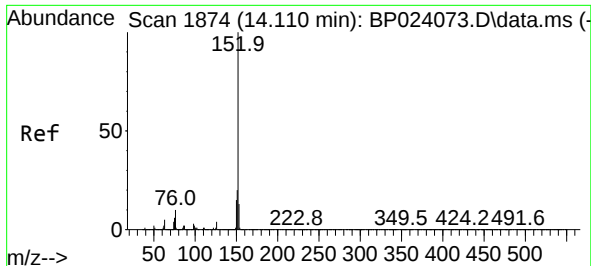
Tgt Ion:162 Resp: 241353  
Ion Ratio Lower Upper  
162 100  
127 38.1 30.7 46.1  
164 33.0 26.6 39.8



#48  
2-Nitroaniline  
Concen: 3.438 ng  
RT: 13.457 min Scan# 1763  
Delta R.T. -0.000 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

Tgt Ion: 65 Resp: 47470  
Ion Ratio Lower Upper  
65 100  
92 75.6 61.7 92.5  
138 106.8 94.6 142.0

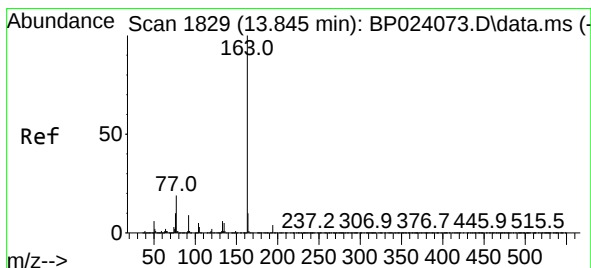
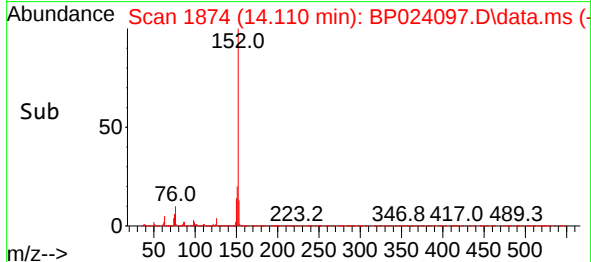
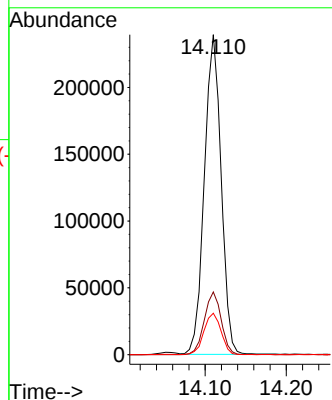
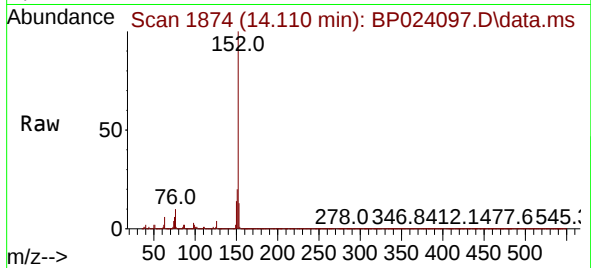




#49  
Acenaphthylene  
Concen: 3.981 ng  
RT: 14.110 min Scan# 1874  
Delta R.T. -0.000 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

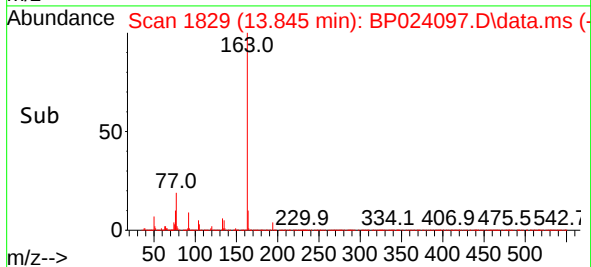
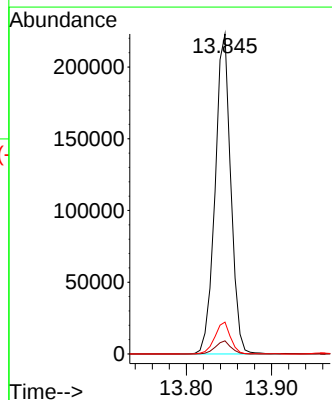
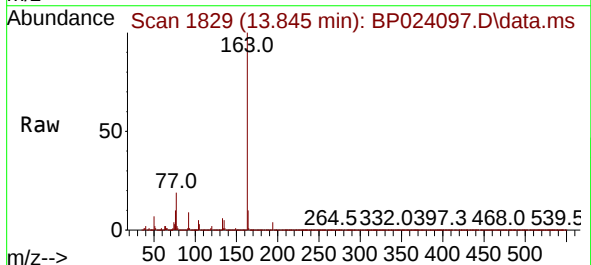
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2025

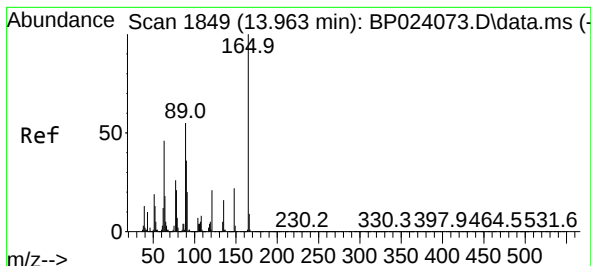
Tgt Ion:152 Resp: 342828  
Ion Ratio Lower Upper  
152 100  
151 19.6 15.8 23.8  
153 12.9 10.7 16.1



#50  
Dimethylphthalate  
Concen: 4.078 ng  
RT: 13.845 min Scan# 1829  
Delta R.T. -0.000 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

Tgt Ion:163 Resp: 286254  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.4 5.2  
164 10.0 8.1 12.1

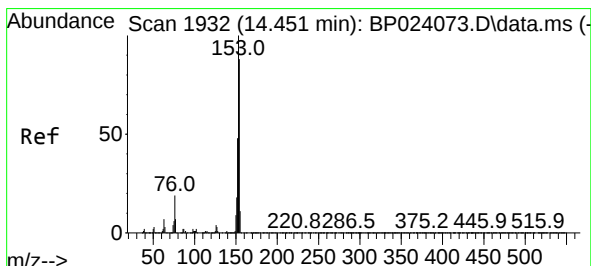
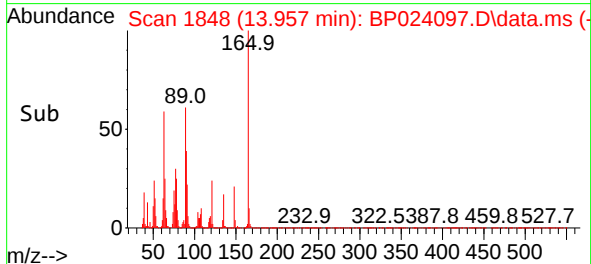
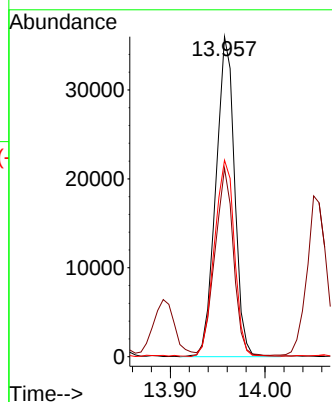
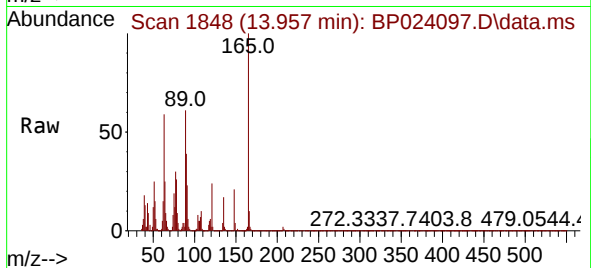




#51  
2,6-Dinitrotoluene  
Concen: 3.453 ng  
RT: 13.957 min Scan# 1848  
Delta R.T. -0.006 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

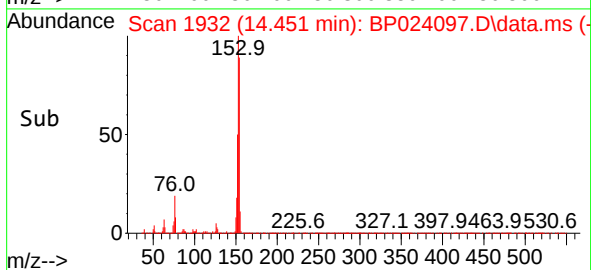
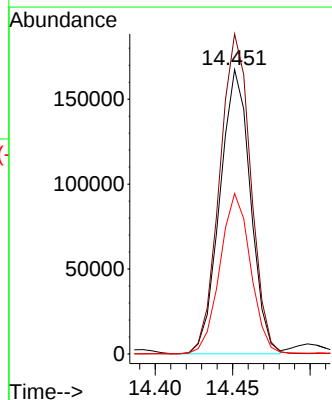
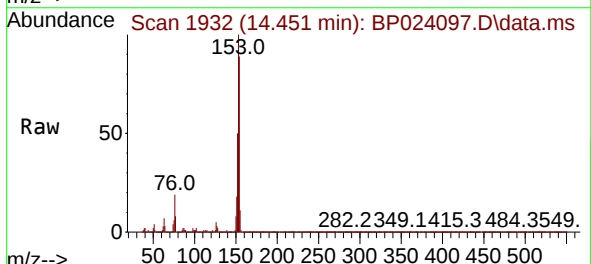
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2025

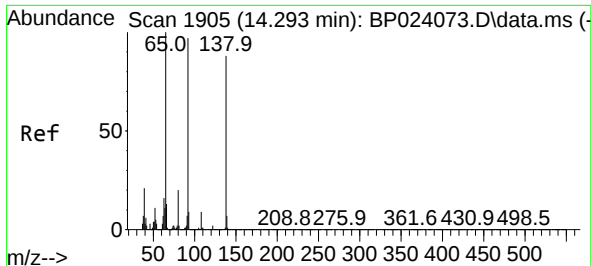
Tgt Ion:165 Resp: 49365  
Ion Ratio Lower Upper  
165 100  
63 58.9 40.1 60.1  
89 61.4 44.2 66.4



#52  
Acenaphthene  
Concen: 4.135 ng  
RT: 14.451 min Scan# 1932  
Delta R.T. -0.000 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

Tgt Ion:154 Resp: 229334  
Ion Ratio Lower Upper  
154 100  
153 112.5 90.6 135.8  
152 56.4 43.6 65.4

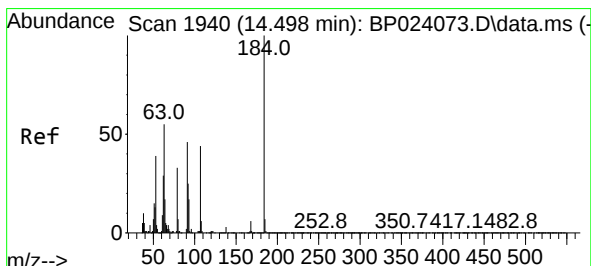
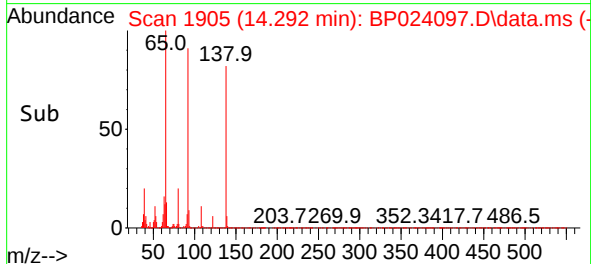
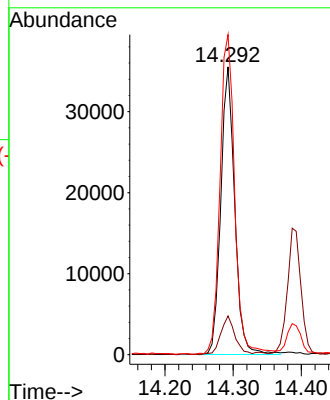
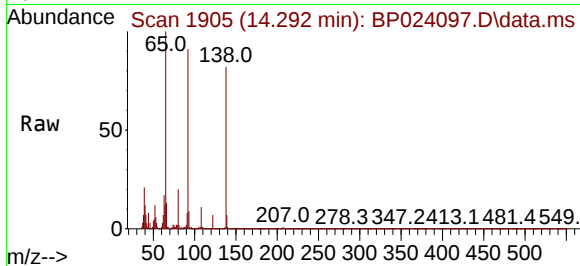




#53  
3-Nitroaniline  
Concen: 3.309 ng  
RT: 14.292 min Scan# 1905  
Delta R.T. -0.000 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

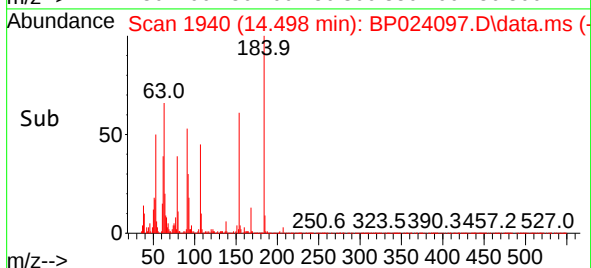
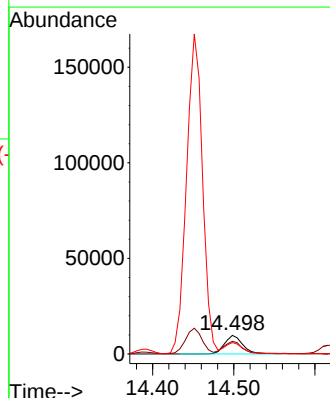
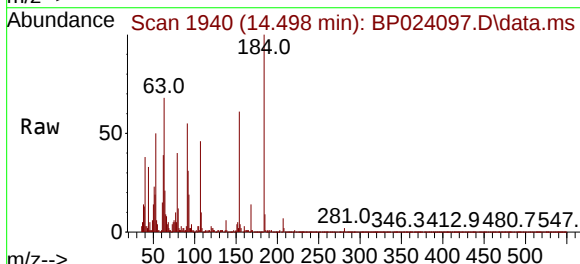
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2025

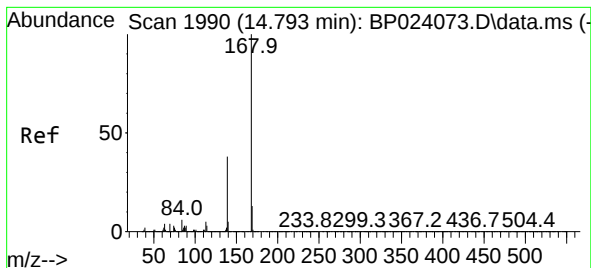
Tgt Ion:138 Resp: 50483  
Ion Ratio Lower Upper  
138 100  
108 13.4 7.8 11.8#  
92 111.2 88.4 132.6



#54  
2,4-Dinitrophenol  
Concen: 9.224 ng  
RT: 14.498 min Scan# 1940  
Delta R.T. 0.000 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

Tgt Ion:184 Resp: 15084  
Ion Ratio Lower Upper  
184 100  
63 67.7 49.4 74.0  
154 60.8 49.2 73.8

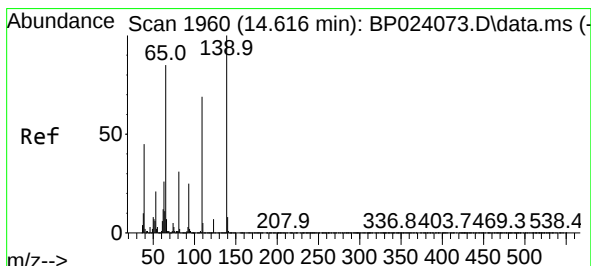
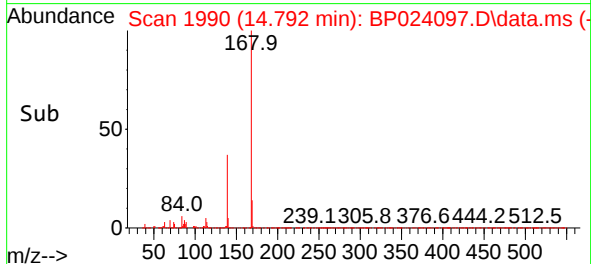
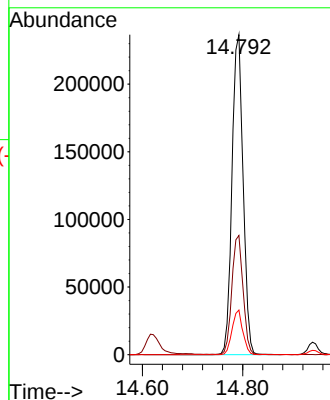
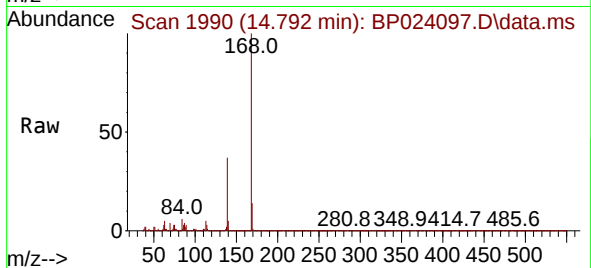




#55  
Dibenzofuran  
Concen: 4.033 ng  
RT: 14.792 min Scan# 1990  
Delta R.T. -0.000 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

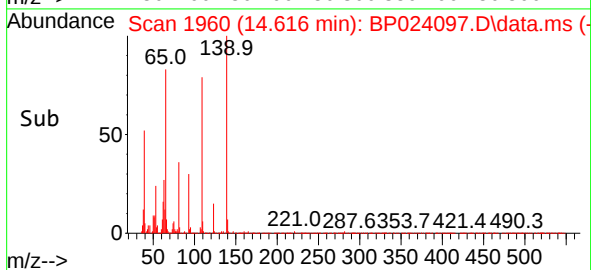
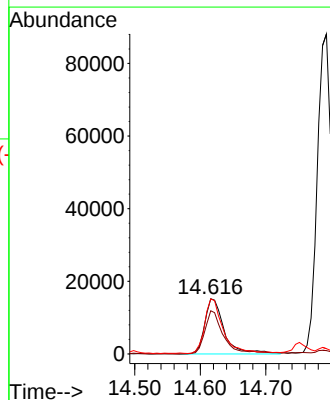
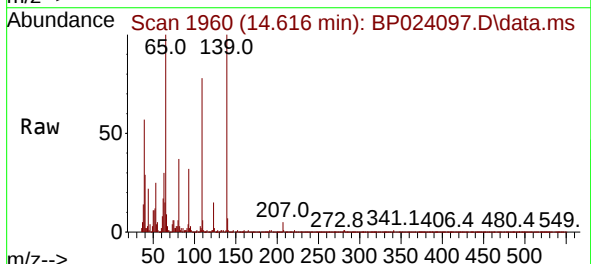
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2025

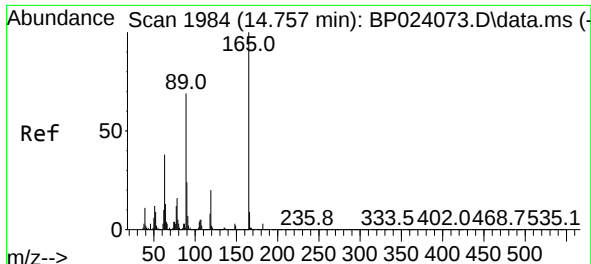
Tgt Ion:168 Resp: 363310  
Ion Ratio Lower Upper  
168 100  
139 37.2 30.2 45.2  
169 14.0 10.7 16.1



#56  
4-Nitrophenol  
Concen: 2.374 ng  
RT: 14.616 min Scan# 1960  
Delta R.T. -0.000 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

Tgt Ion:139 Resp: 31290  
Ion Ratio Lower Upper  
139 100  
109 78.2 49.2 89.2  
65 99.8 65.4 105.4

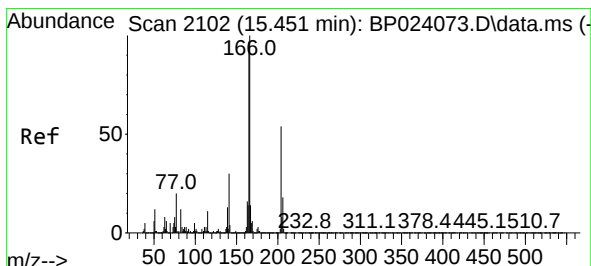
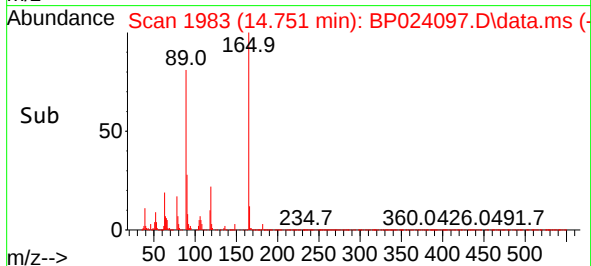
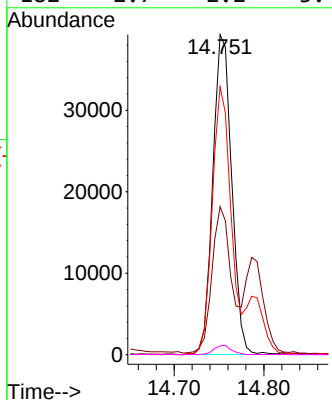
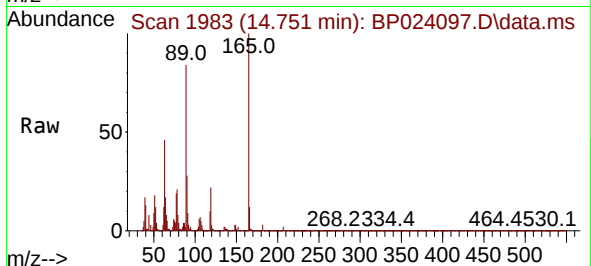




#57  
2,4-Dinitrotoluene  
Concen: 3.095 ng  
RT: 14.751 min Scan# 1983  
Delta R.T. -0.006 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

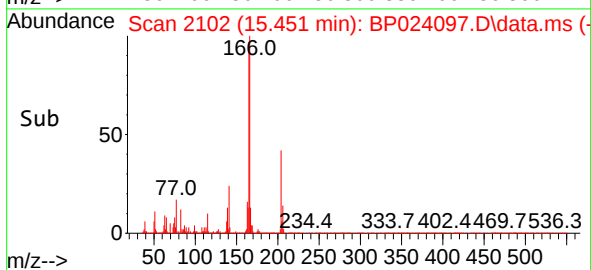
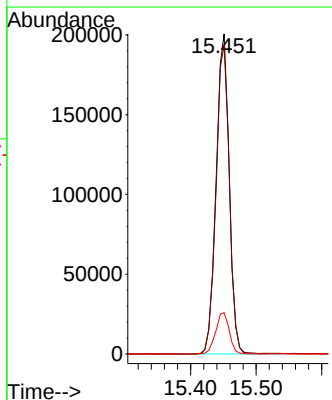
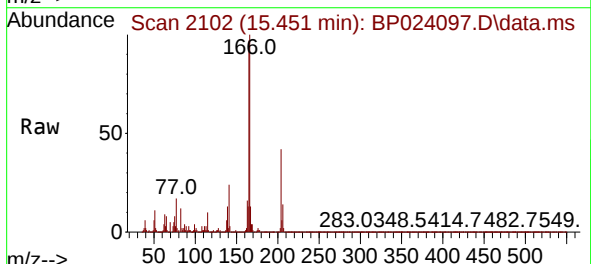
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2025

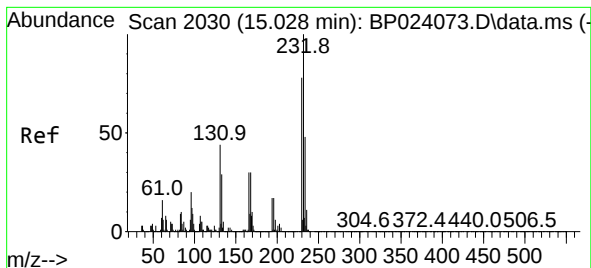
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 57487 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 46.3  | 30.4  | 45.6# |
| 89        | 83.7  | 54.8  | 82.2# |
| 182       | 2.7   | 2.2   | 3.4   |



#58  
Fluorene  
Concen: 3.932 ng  
RT: 15.451 min Scan# 2102  
Delta R.T. -0.000 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 276639 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 96.5  | 77.5  | 116.3  |
| 167       | 12.9  | 10.9  | 16.3   |

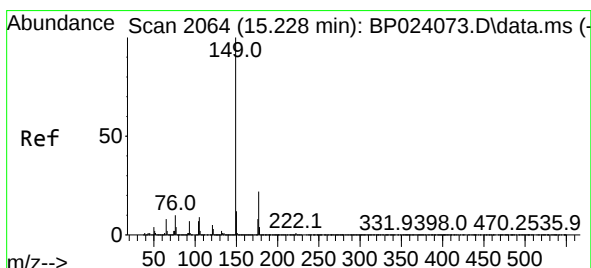
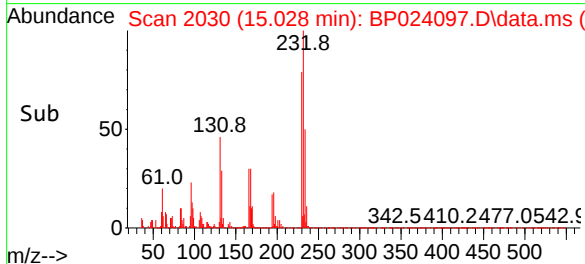
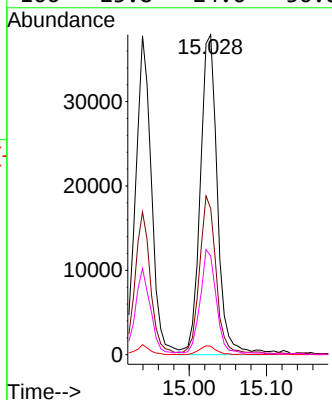
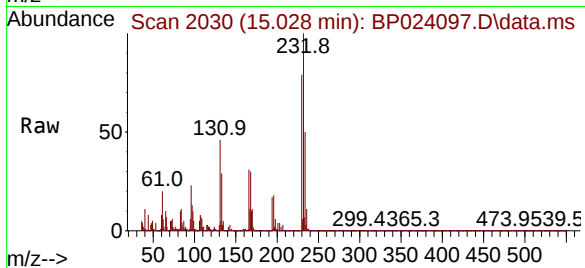




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 3.324 ng m  
RT: 15.028 min Scan# 2030  
Delta R.T. -0.000 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

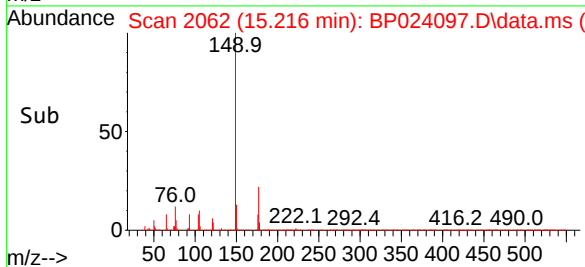
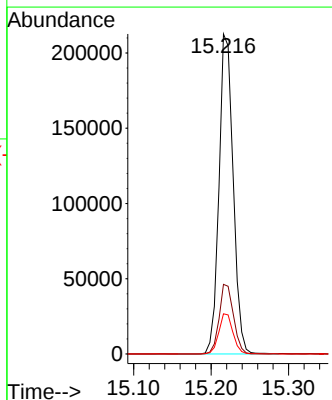
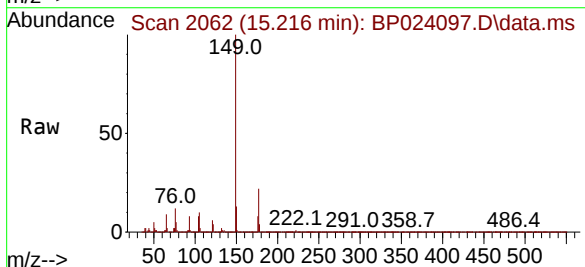
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2025

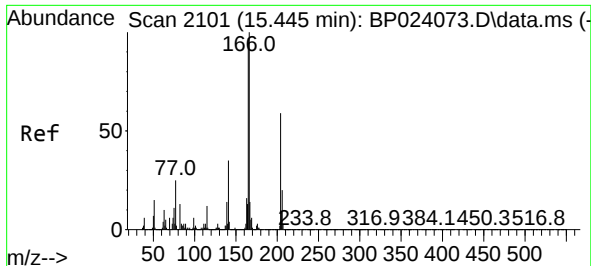
Tgt Ion:232 Resp: 58802  
Ion Ratio Lower Upper  
232 100  
131 40.0 37.3 55.9  
130 2.4 1.9 2.9  
166 23.8 24.6 36.8#



#60  
Diethylphthalate  
Concen: 3.874 ng  
RT: 15.216 min Scan# 2062  
Delta R.T. -0.012 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

Tgt Ion:149 Resp: 269954  
Ion Ratio Lower Upper  
149 100  
177 21.7 17.9 26.9  
150 12.5 9.8 14.6

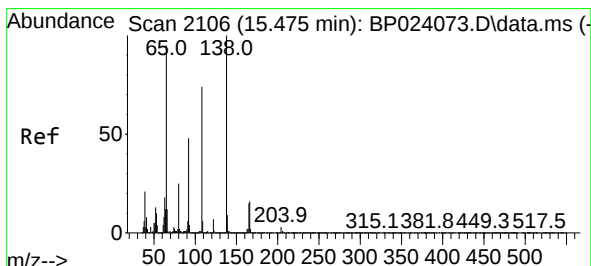
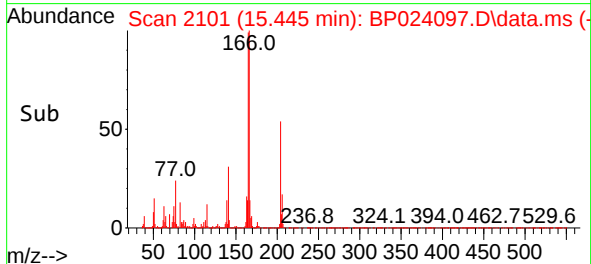
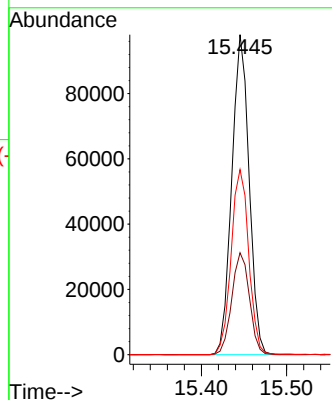
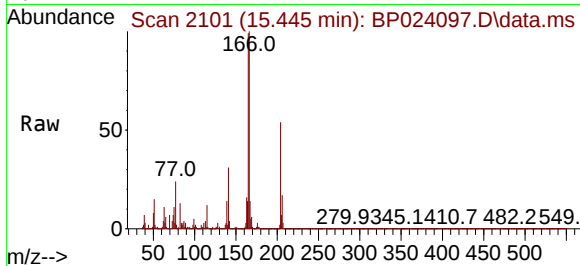




#61  
4-Chlorophenyl-phenylether  
Concen: 3.995 ng  
RT: 15.445 min Scan# 2101  
Delta R.T. -0.000 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

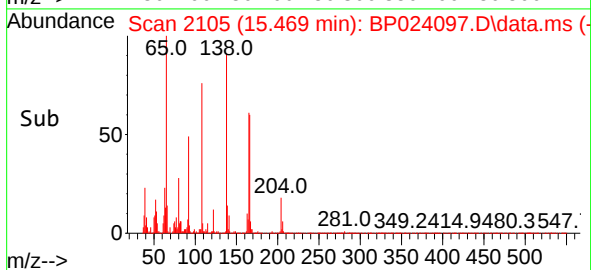
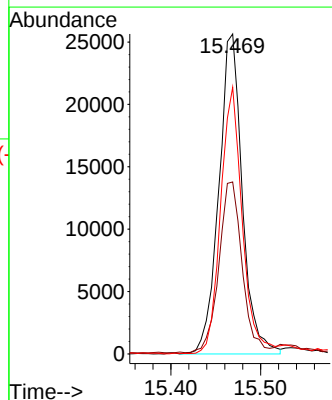
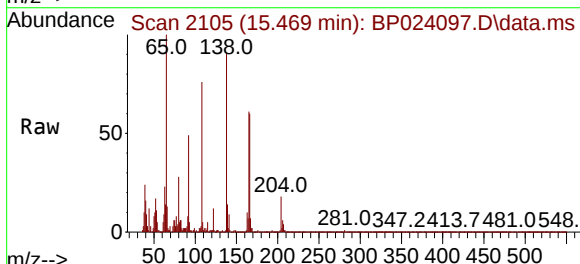
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2025

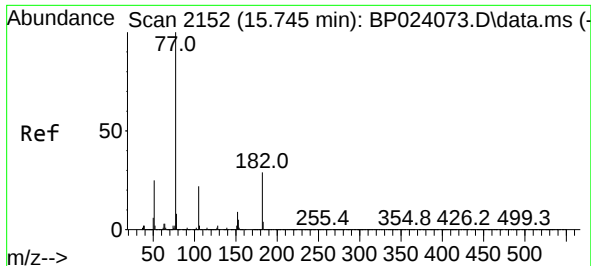
Tgt Ion:204 Resp: 138348  
Ion Ratio Lower Upper  
204 100  
206 31.9 26.6 39.8  
141 57.8 47.8 71.6



#62  
4-Nitroaniline  
Concen: 5.688 ng  
RT: 15.469 min Scan# 2105  
Delta R.T. -0.006 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

Tgt Ion:138 Resp: 46540  
Ion Ratio Lower Upper  
138 100  
92 53.8 28.3 68.3  
108 83.3 54.0 94.0

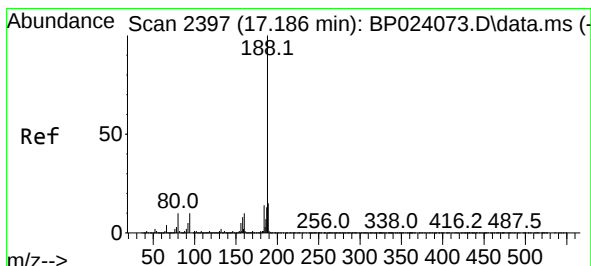
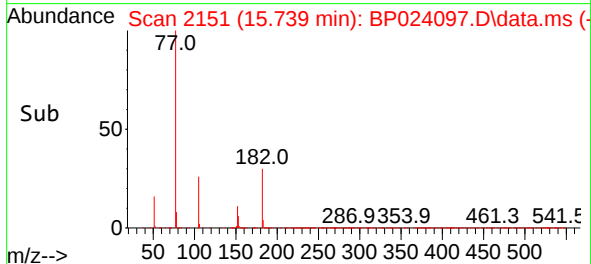
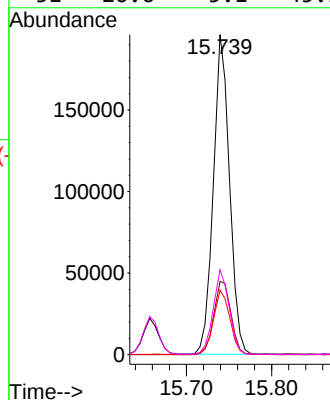
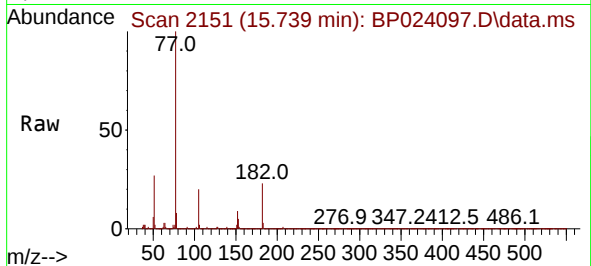




#63  
Azobenzene  
Concen: 3.956 ng  
RT: 15.739 min Scan# 2151  
Delta R.T. -0.006 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

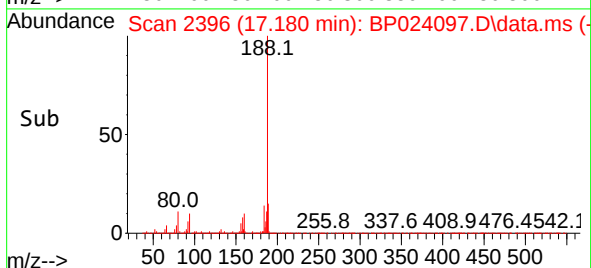
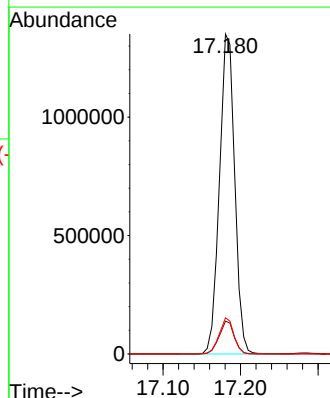
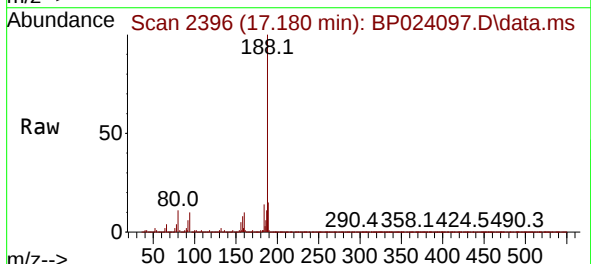
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2025

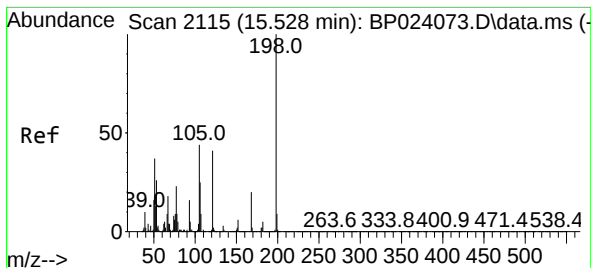
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 258309 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 22.9  | 8.5   | 48.5   |
| 105      | 20.2  | 1.8   | 41.8   |
| 51       | 26.6  | 5.1   | 45.1   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.180 min Scan# 2396  
Delta R.T. -0.006 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 188   | Resp: | 1856946 |
| Ion      | Ratio | Lower | Upper   |
| 188      | 100   |       |         |
| 94       | 10.3  | 7.6   | 11.4    |
| 80       | 11.3  | 8.2   | 12.2    |

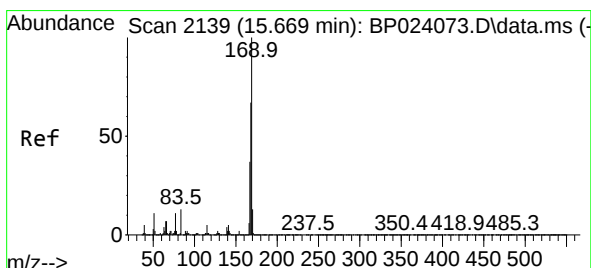
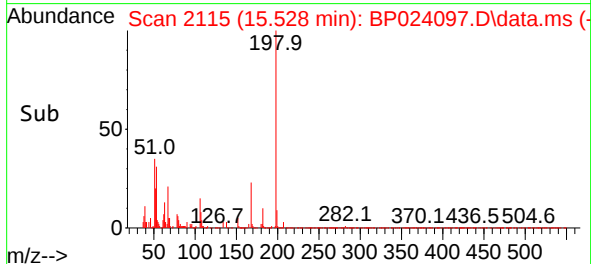
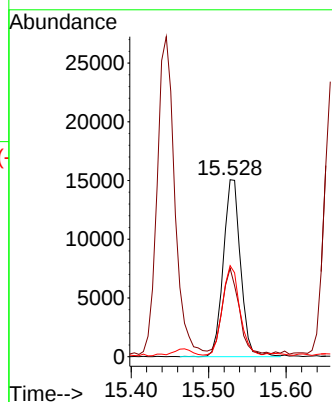
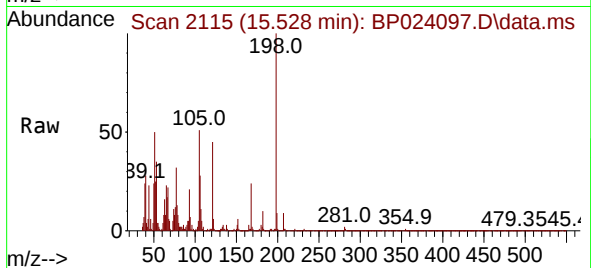




#65  
4,6-Dinitro-2-methylphenol  
Concen: 7.718 ng  
RT: 15.528 min Scan# 2115  
Delta R.T. -0.000 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

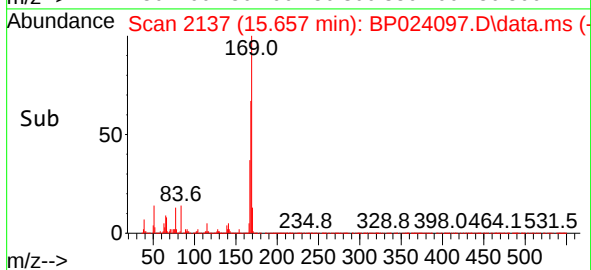
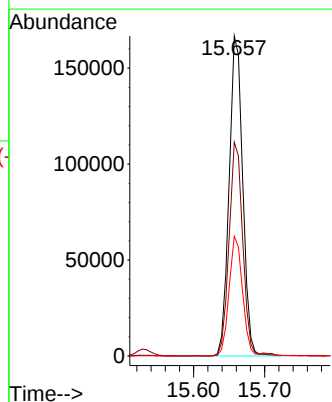
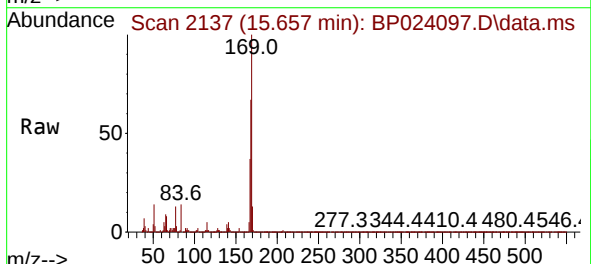
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2025

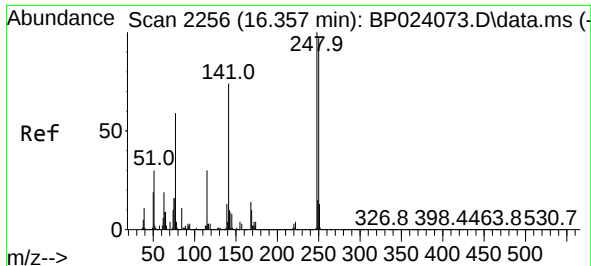
Tgt Ion:198 Resp: 23305  
Ion Ratio Lower Upper  
198 100  
51 50.0 18.7 58.7  
105 51.4 24.7 64.7



#66  
n-Nitrosodiphenylamine  
Concen: 3.824 ng  
RT: 15.657 min Scan# 2137  
Delta R.T. -0.012 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

Tgt Ion:169 Resp: 221461  
Ion Ratio Lower Upper  
169 100  
168 66.9 53.6 80.4  
167 37.4 29.5 44.3

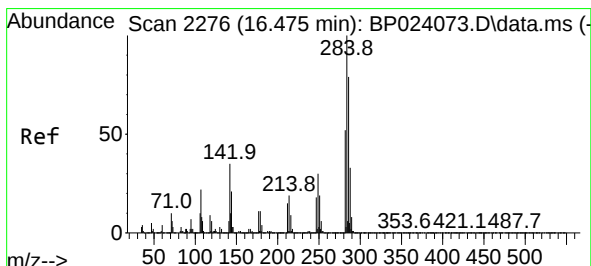
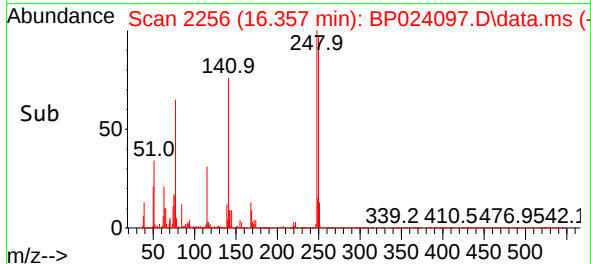
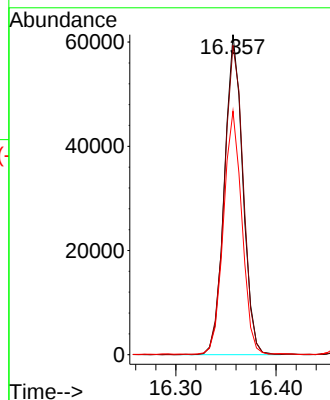
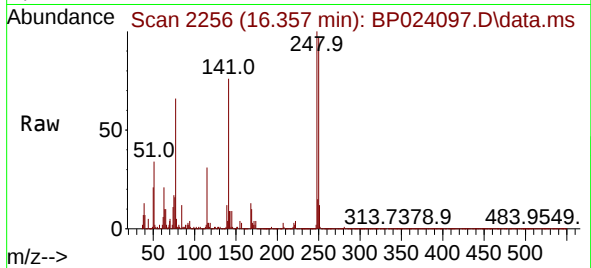




#67  
4-Bromophenyl-phenylether  
Concen: 3.742 ng  
RT: 16.357 min Scan# 2256  
Delta R.T. -0.000 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

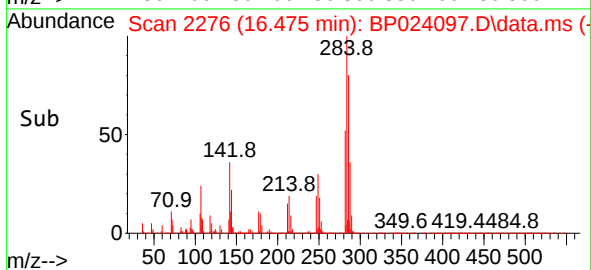
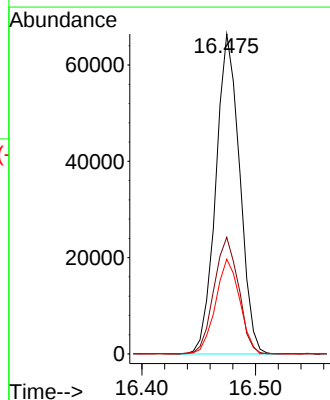
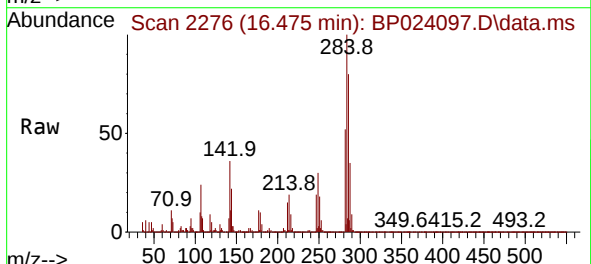
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2025

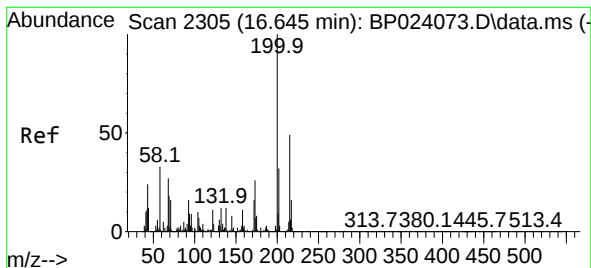
Tgt Ion:248 Resp: 78030  
Ion Ratio Lower Upper  
248 100  
250 96.7 77.9 116.9  
141 76.1 58.8 88.2



#68  
Hexachlorobenzene  
Concen: 3.947 ng  
RT: 16.475 min Scan# 2276  
Delta R.T. -0.000 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

Tgt Ion:284 Resp: 96853  
Ion Ratio Lower Upper  
284 100  
142 36.4 27.7 41.5  
249 32.6 23.8 35.6





#69

Atrazine

Concen: 4.395 ng

RT: 16.639 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP024097.D

Acq: 19 Feb 2025 13:57

Instrument :

BNA\_P

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

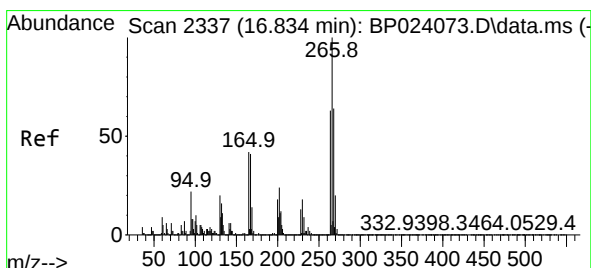
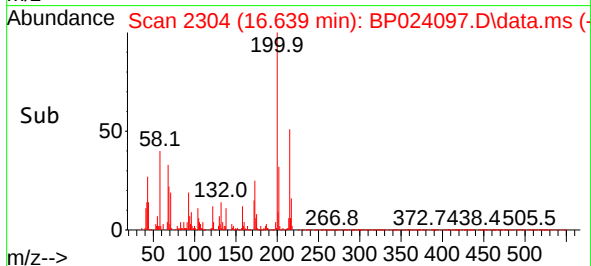
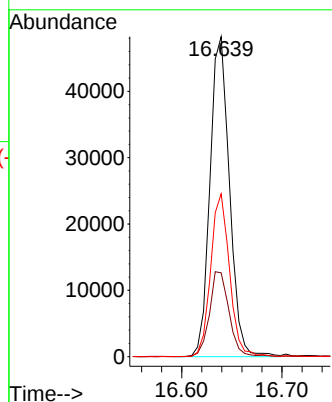
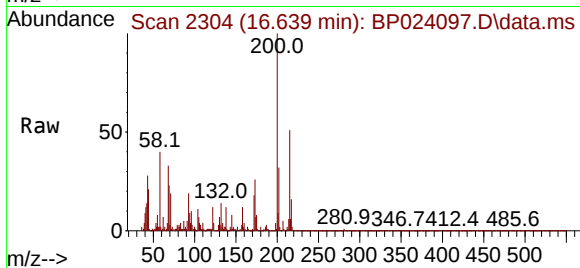
Tgt Ion:200 Resp: 65311

Ion Ratio Lower Upper

200 100

173 26.2 5.7 45.7

215 50.9 28.7 68.7



#70

Pentachlorophenol

Concen: 2.313 ng

RT: 16.833 min Scan# 2337

Delta R.T. -0.001 min

Lab File: BP024097.D

Acq: 19 Feb 2025 13:57

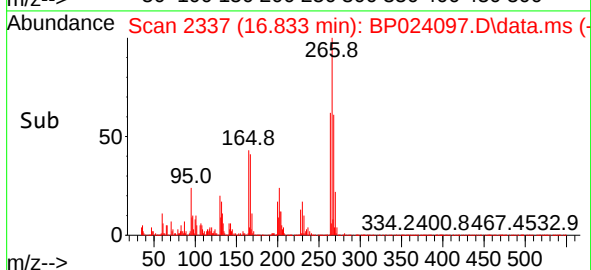
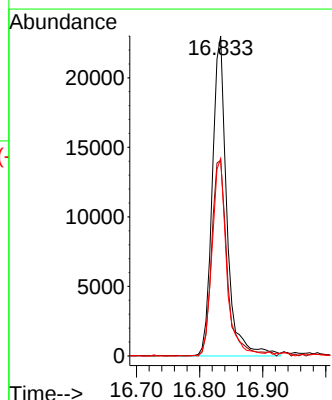
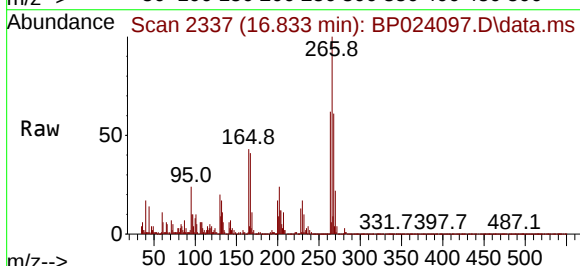
Tgt Ion:266 Resp: 36861

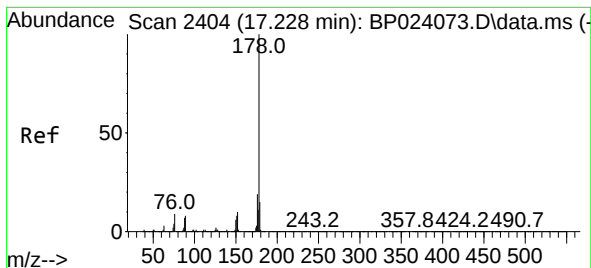
Ion Ratio Lower Upper

266 100

268 61.1 51.3 76.9

264 61.7 50.5 75.7





#71

Phenanthrene

Concen: 4.171 ng

RT: 17.222 min Scan# 2403

Delta R.T. -0.006 min

Lab File: BP024097.D

Acq: 19 Feb 2025 13:57

Instrument :

BNA\_P

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

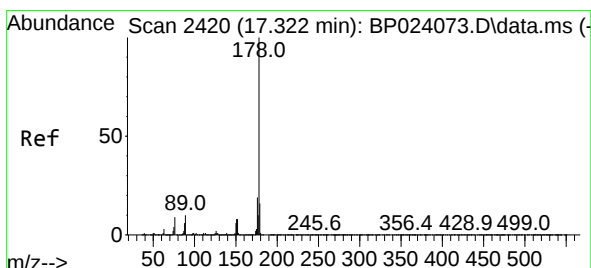
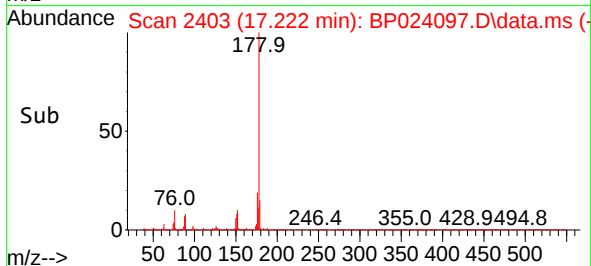
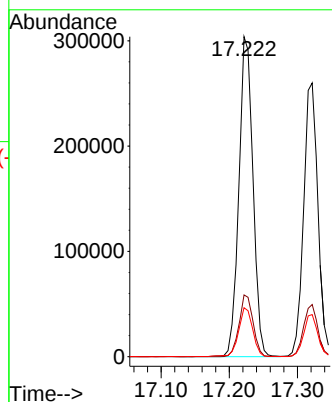
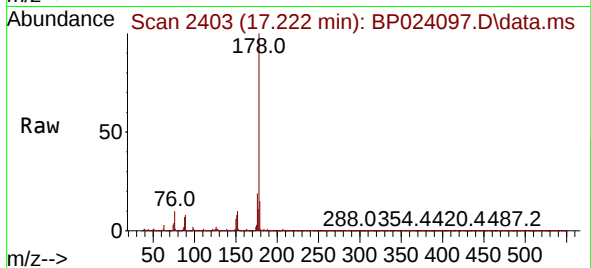
Tgt Ion:178 Resp: 436647

Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

179 15.3 12.4 18.6



#72

Anthracene

Concen: 3.834 ng

RT: 17.322 min Scan# 2420

Delta R.T. -0.000 min

Lab File: BP024097.D

Acq: 19 Feb 2025 13:57

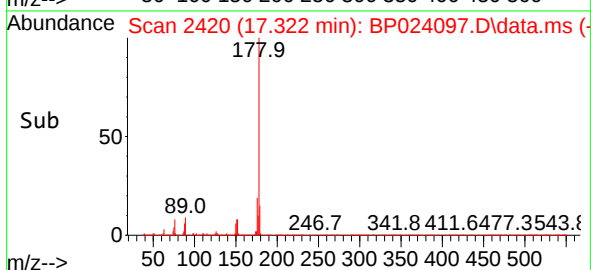
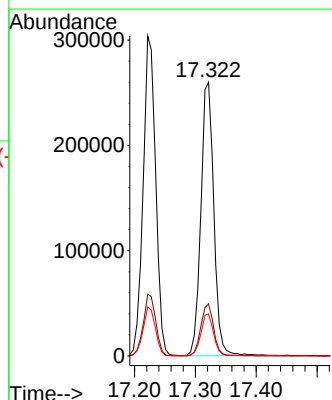
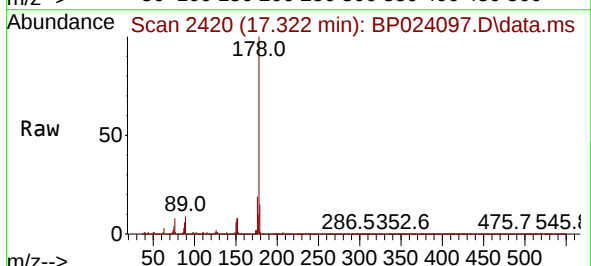
Tgt Ion:178 Resp: 384652

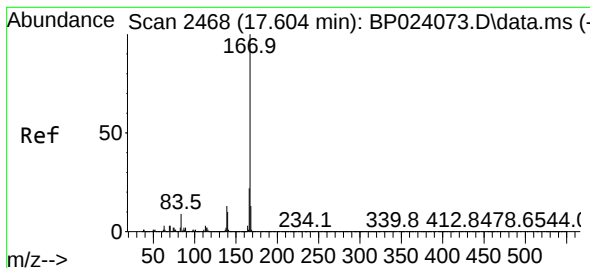
Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

179 15.4 12.6 19.0





#73

Carbazole

Concen: 3.635 ng

RT: 17.598 min Scan# 2468

Delta R.T. -0.006 min

Lab File: BP024097.D

Acq: 19 Feb 2025 13:57

Instrument :

BNA\_P

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

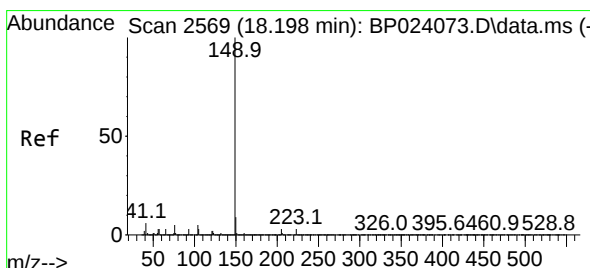
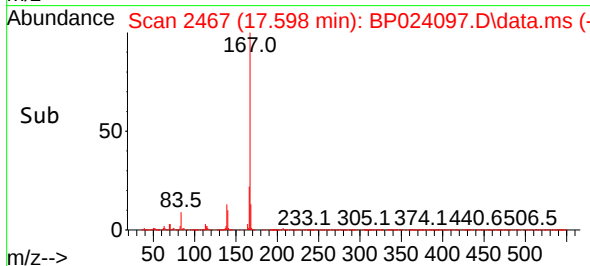
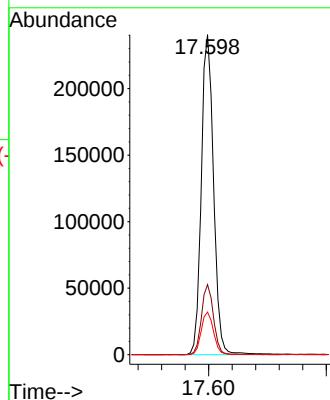
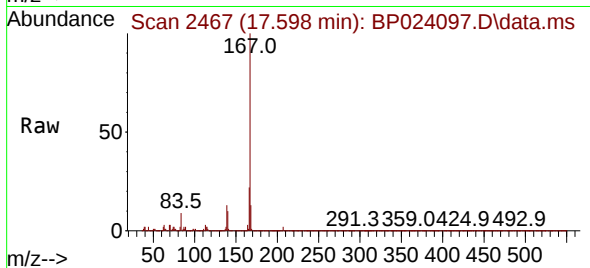
Tgt Ion:167 Resp: 347459

Ion Ratio Lower Upper

167 100

166 21.9 17.3 25.9

139 13.3 10.3 15.5



#74

Di-n-butylphthalate

Concen: 3.343 ng

RT: 18.192 min Scan# 2568

Delta R.T. -0.006 min

Lab File: BP024097.D

Acq: 19 Feb 2025 13:57

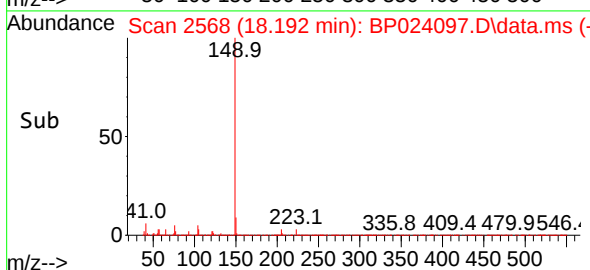
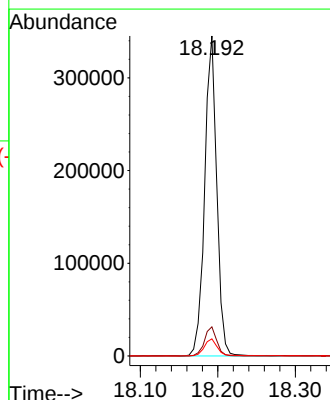
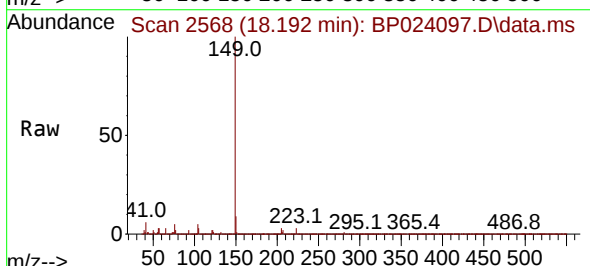
Tgt Ion:149 Resp: 372869

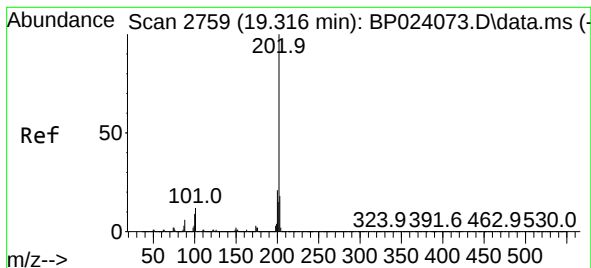
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 5.3 4.2 6.2





#75

Fluoranthene

Concen: 3.613 ng

RT: 19.304 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP024097.D

Acq: 19 Feb 2025 13:57

Instrument :

BNA\_P

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

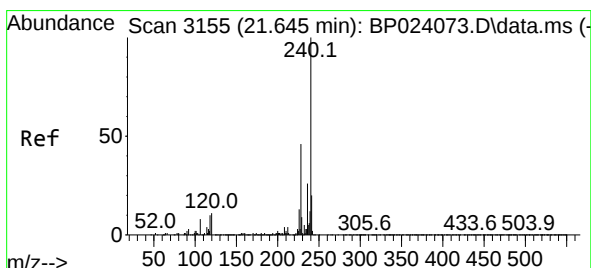
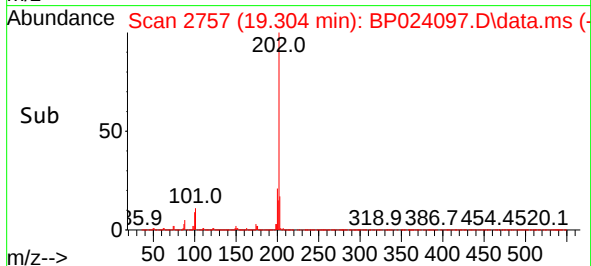
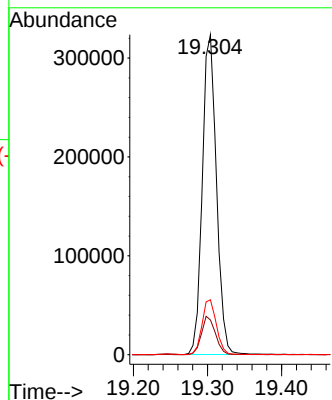
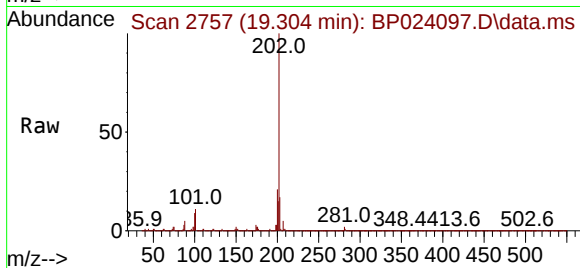
Tgt Ion:202 Resp: 427845

Ion Ratio Lower Upper

202 100

101 10.8 0.0 31.9

203 17.2 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.621 min Scan# 3151

Delta R.T. -0.024 min

Lab File: BP024097.D

Acq: 19 Feb 2025 13:57

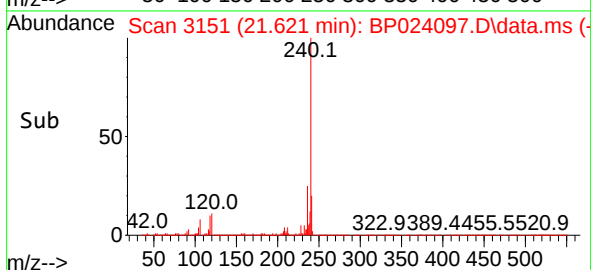
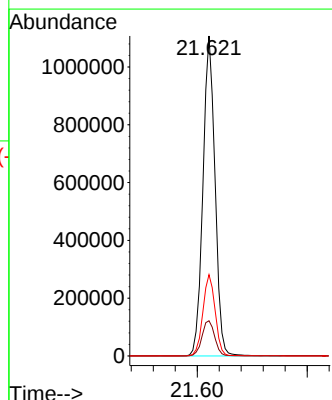
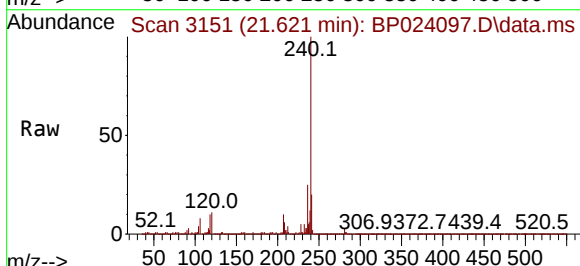
Tgt Ion:240 Resp: 1688158

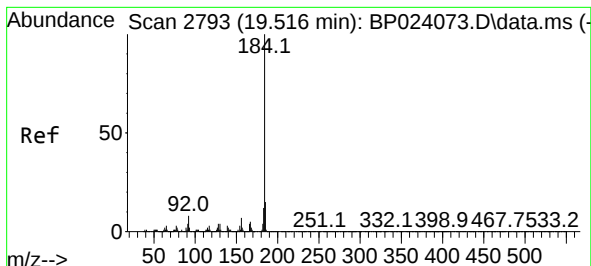
Ion Ratio Lower Upper

240 100

120 11.0 8.9 13.3

236 25.4 20.7 31.1





#77

Benzidine

Concen: 4.893 ng

RT: 19.498 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP024097.D

Acq: 19 Feb 2025 13:57

Instrument :

BNA\_P

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

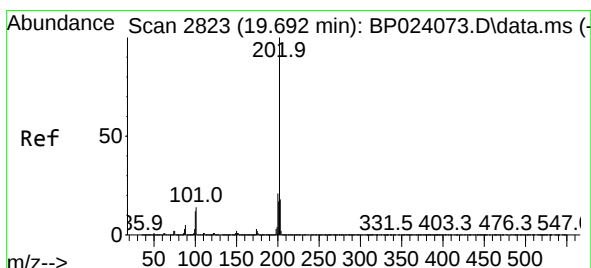
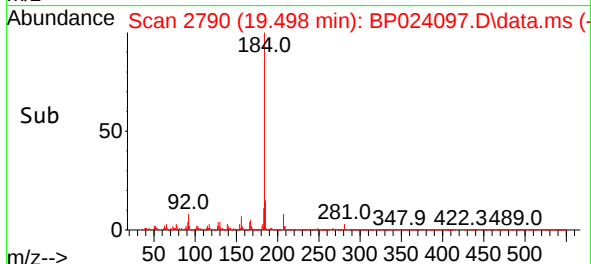
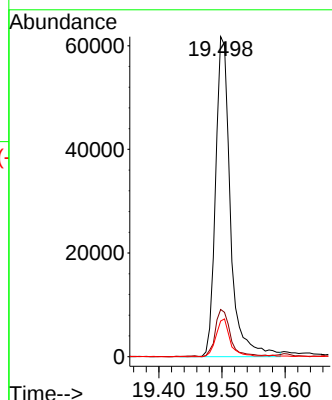
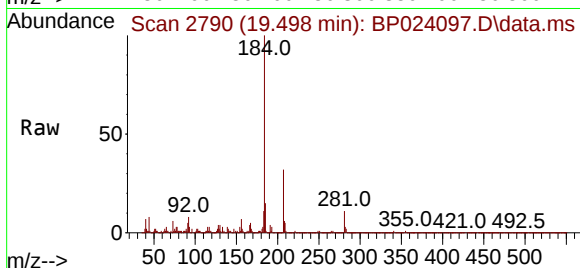
Tgt Ion:184 Resp: 100658

Ion Ratio Lower Upper

184 100

185 14.7 11.8 17.8

183 11.1 9.3 13.9



#78

Pyrene

Concen: 4.253 ng

RT: 19.680 min Scan# 2821

Delta R.T. -0.012 min

Lab File: BP024097.D

Acq: 19 Feb 2025 13:57

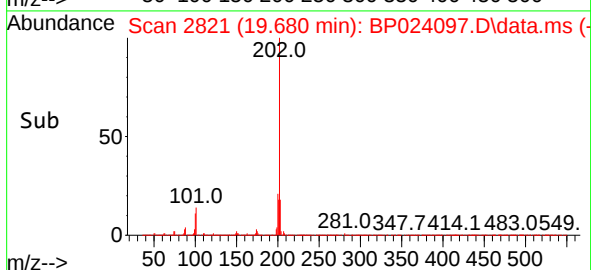
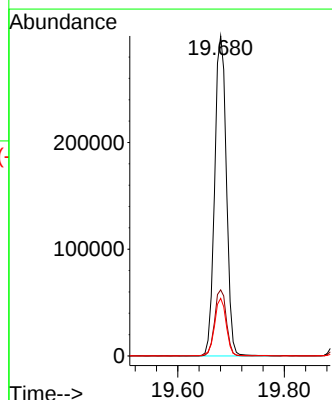
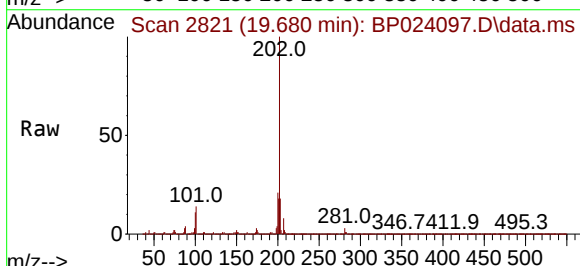
Tgt Ion:202 Resp: 456077

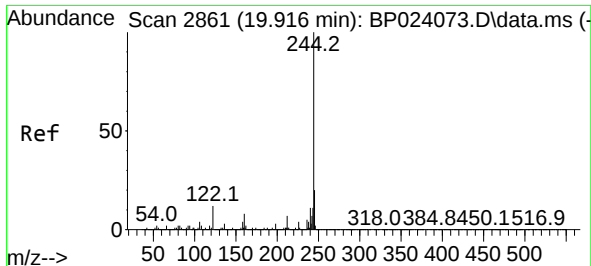
Ion Ratio Lower Upper

202 100

200 20.7 17.2 25.8

203 18.0 14.4 21.6

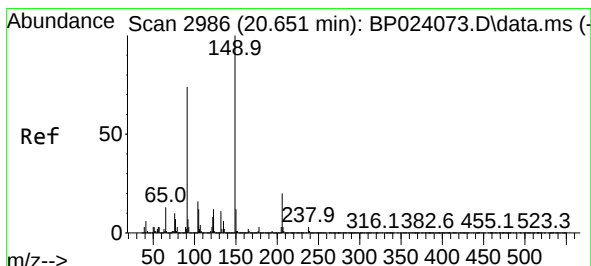
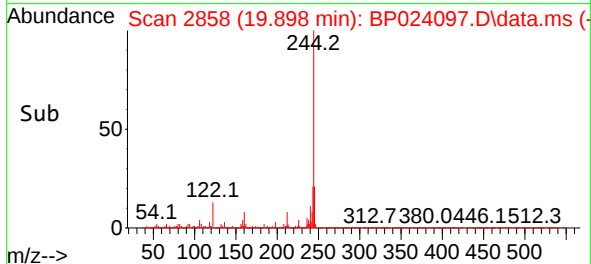
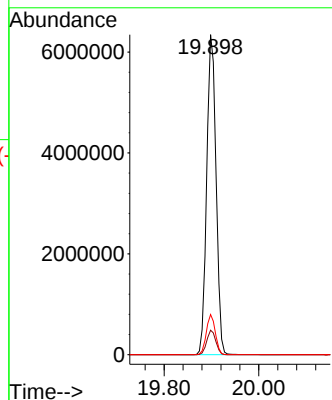
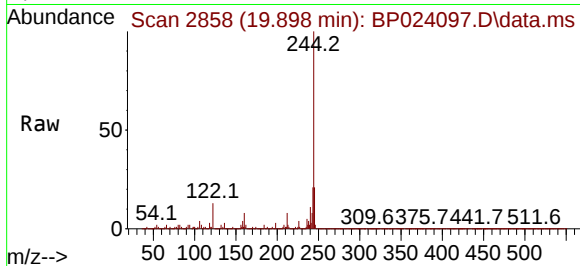




#79  
 Terphenyl-d14  
 Concen: 101.898 ng  
 RT: 19.898 min Scan# 2858  
 Delta R.T. -0.018 min  
 Lab File: BP024097.D  
 Acq: 19 Feb 2025 13:57

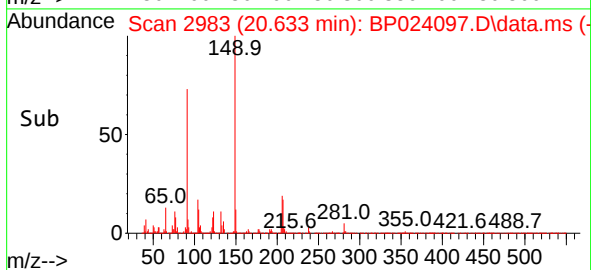
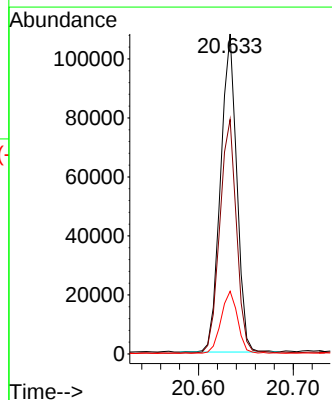
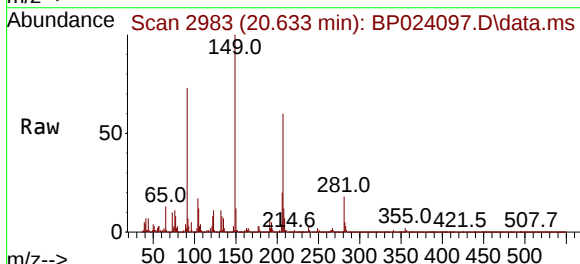
Instrument :  
 BNA\_P  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT1-2025

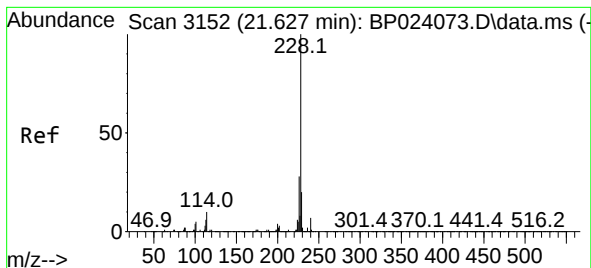
Tgt Ion:244 Resp: 8693406  
 Ion Ratio Lower Upper  
 244 100  
 212 7.6 5.9 8.9  
 122 12.6 9.4 14.2



#80  
 Butylbenzylphthalate  
 Concen: 3.133 ng  
 RT: 20.633 min Scan# 2983  
 Delta R.T. -0.018 min  
 Lab File: BP024097.D  
 Acq: 19 Feb 2025 13:57

Tgt Ion:149 Resp: 128749  
 Ion Ratio Lower Upper  
 149 100  
 91 73.3 59.4 89.0  
 206 19.6 16.2 24.2





#81

Benzo(a)anthracene

Concen: 4.047 ng

RT: 21.598 min Scan# 31

Delta R.T. -0.030 min

Lab File: BP024097.D

Acq: 19 Feb 2025 13:57

Instrument :

BNA\_P

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

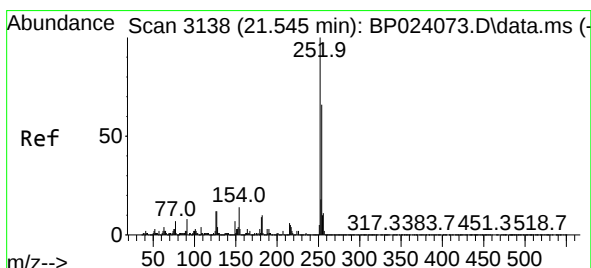
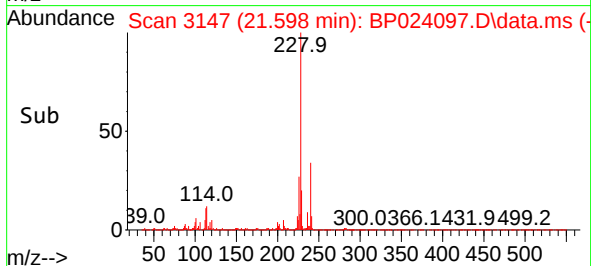
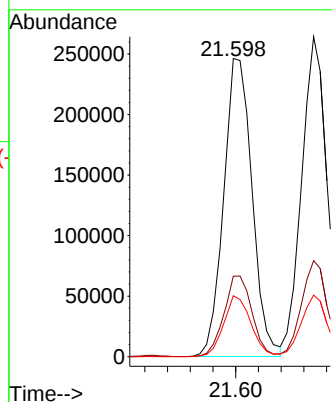
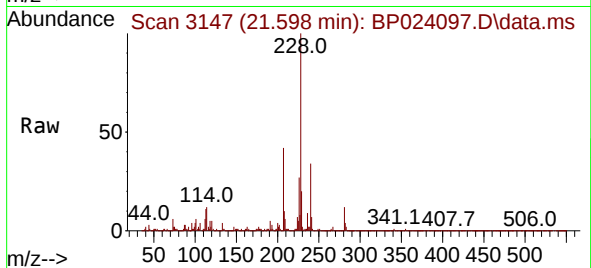
Tgt Ion:228 Resp: 428442

Ion Ratio Lower Upper

228 100

226 27.0 22.2 33.4

229 20.4 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 3.121 ng

RT: 21.527 min Scan# 3135

Delta R.T. -0.018 min

Lab File: BP024097.D

Acq: 19 Feb 2025 13:57

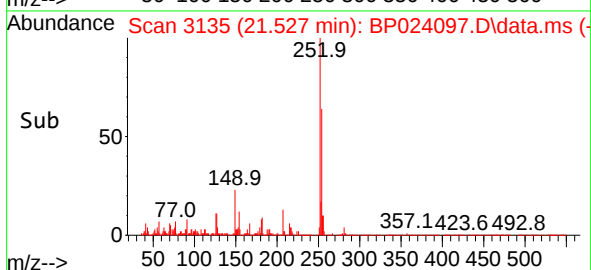
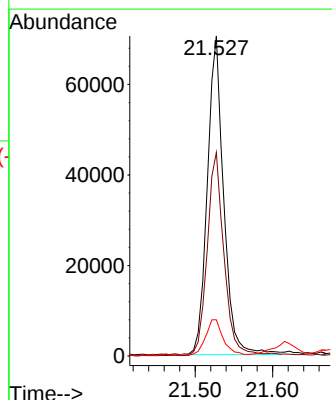
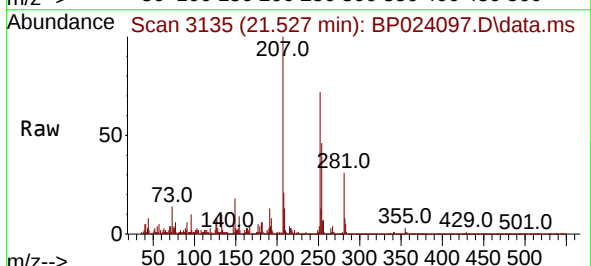
Tgt Ion:252 Resp: 103221

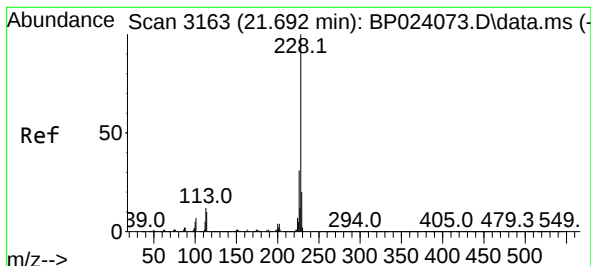
Ion Ratio Lower Upper

252 100

254 63.6 52.4 78.6

126 11.3 9.6 14.4





#83

Chrysene

Concen: 4.053 ng

RT: 21.668 min Scan# 31

Delta R.T. -0.024 min

Lab File: BP024097.D

Acq: 19 Feb 2025 13:57

Instrument :

BNA\_P

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

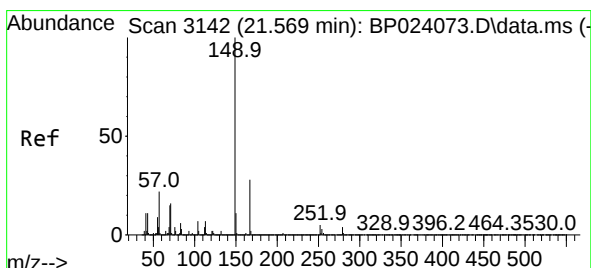
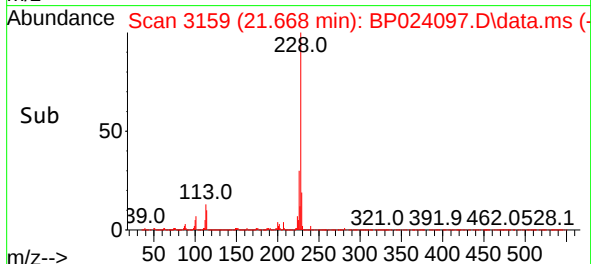
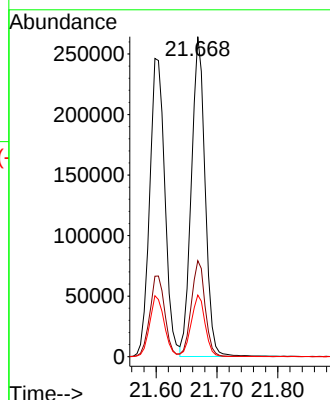
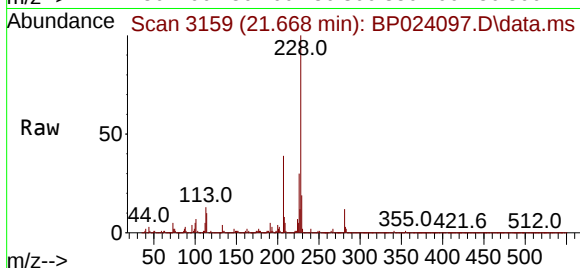
Tgt Ion:228 Resp: 413692

Ion Ratio Lower Upper

228 100

226 30.0 24.5 36.7

229 19.2 16.1 24.1



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.968 ng

RT: 21.545 min Scan# 3138

Delta R.T. -0.024 min

Lab File: BP024097.D

Acq: 19 Feb 2025 13:57

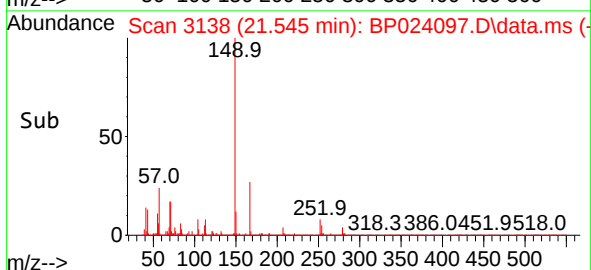
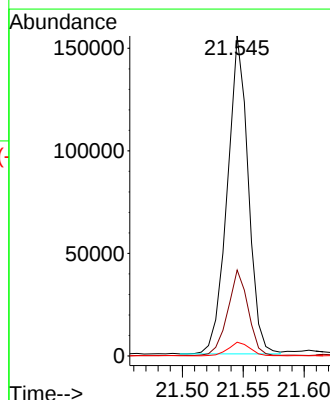
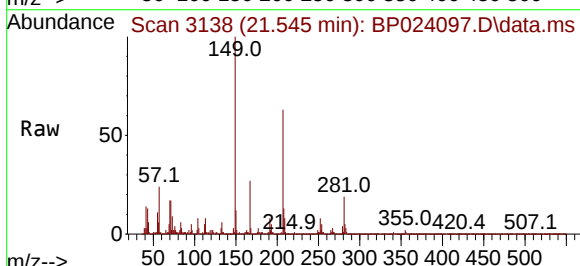
Tgt Ion:149 Resp: 184912

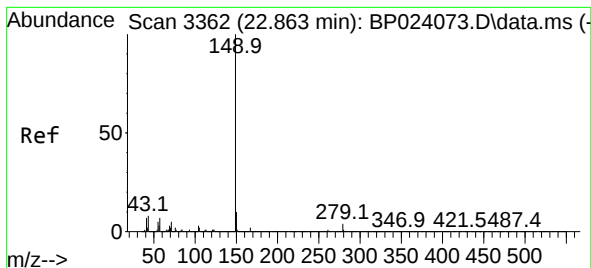
Ion Ratio Lower Upper

149 100

167 26.8 22.2 33.2

279 4.3 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 2.234 ng

RT: 22.833 min Scan# 31

Delta R.T. -0.030 min

Lab File: BP024097.D

Acq: 19 Feb 2025 13:57

Instrument :

BNA\_P

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

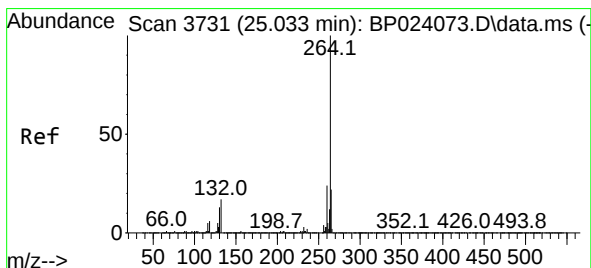
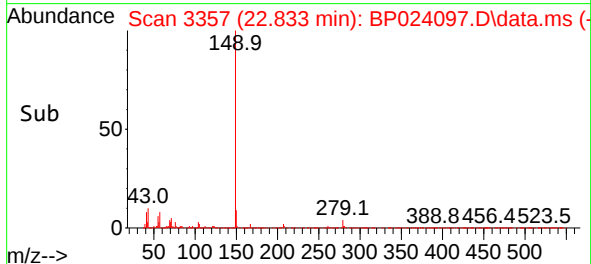
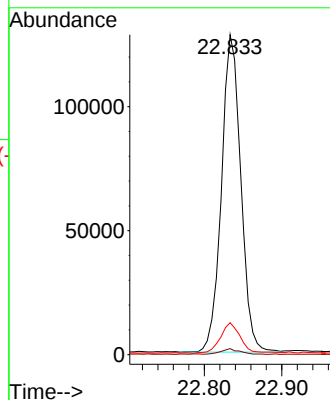
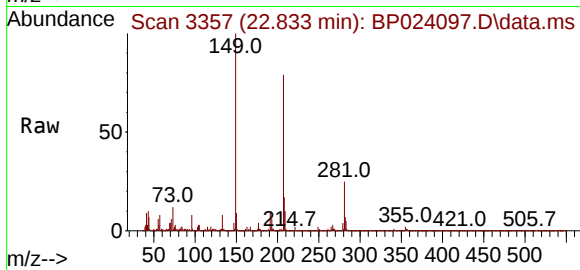
Tgt Ion:149 Resp: 222476

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 10.0 6.4 9.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.004 min Scan# 3726

Delta R.T. -0.030 min

Lab File: BP024097.D

Acq: 19 Feb 2025 13:57

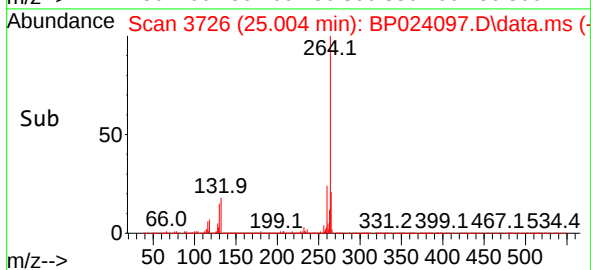
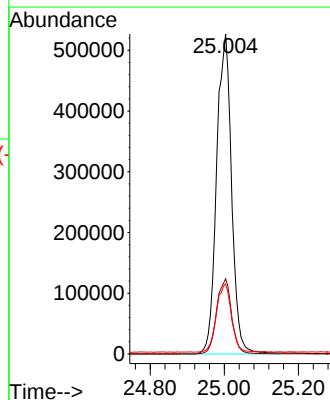
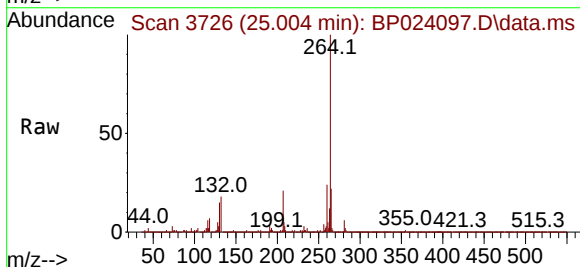
Tgt Ion:264 Resp: 1475911

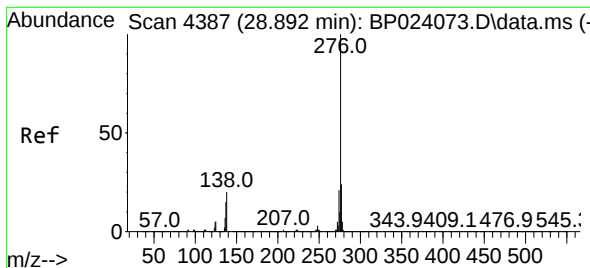
Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 21.9 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.683 ng m

RT: 28.803 min Scan# 41

Delta R.T. -0.088 min

Lab File: BP024097.D

Acq: 19 Feb 2025 13:57

Instrument :

BNA\_P

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

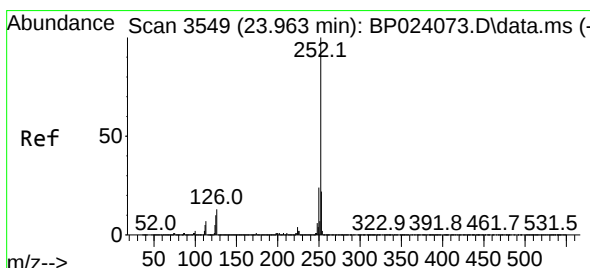
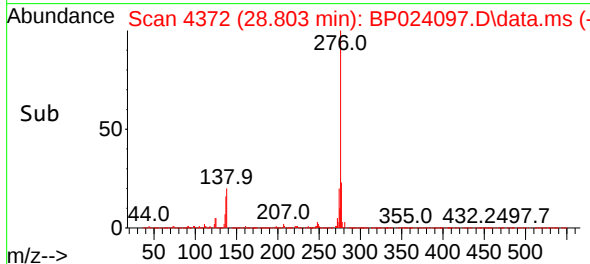
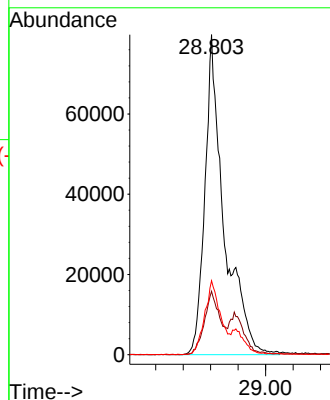
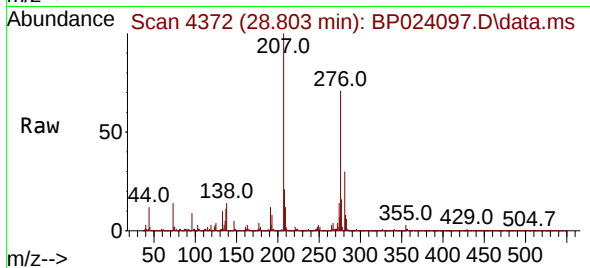
Tgt Ion:276 Resp: 386743

Ion Ratio Lower Upper

276 100

138 16.8 14.2 21.4

277 19.5 16.2 24.4



#88

Benzo(b)fluoranthene

Concen: 3.855 ng

RT: 23.921 min Scan# 3542

Delta R.T. -0.041 min

Lab File: BP024097.D

Acq: 19 Feb 2025 13:57

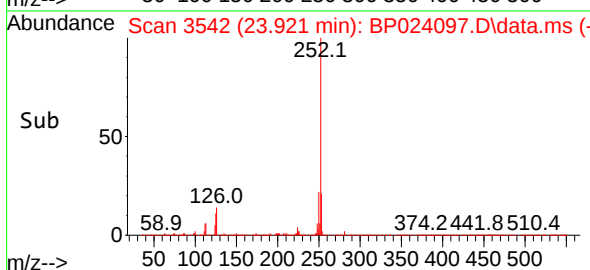
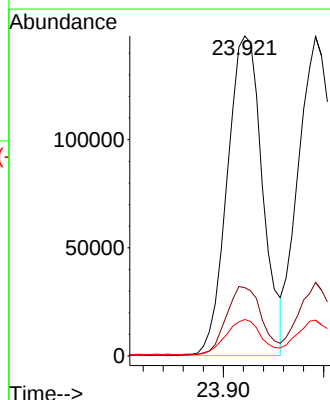
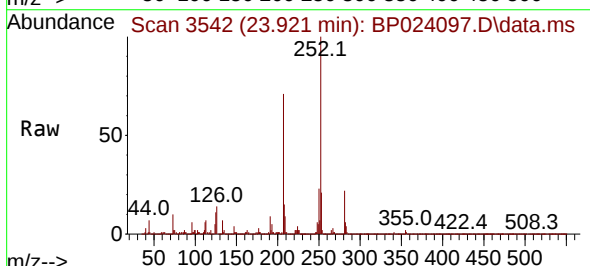
Tgt Ion:252 Resp: 361309

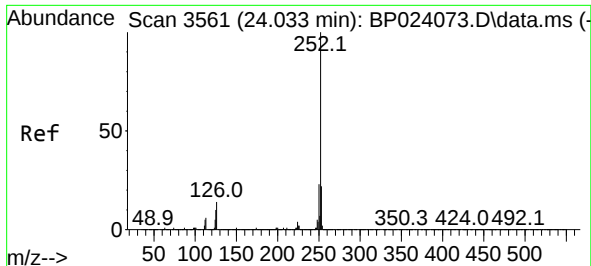
Ion Ratio Lower Upper

252 100

253 21.3 17.8 26.6

125 11.4 8.4 12.6

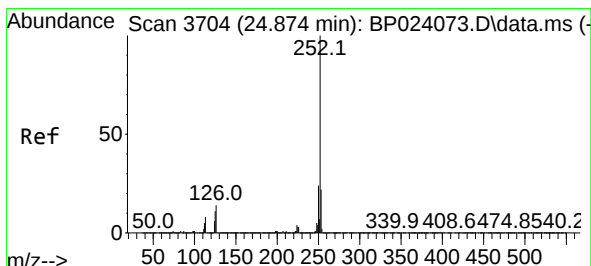
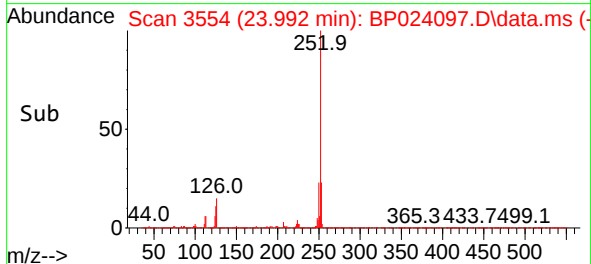
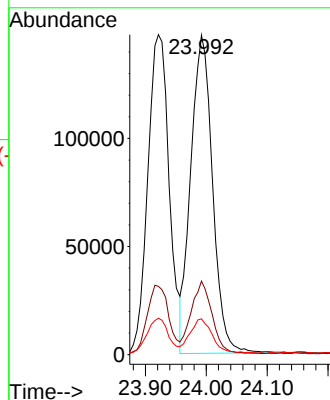
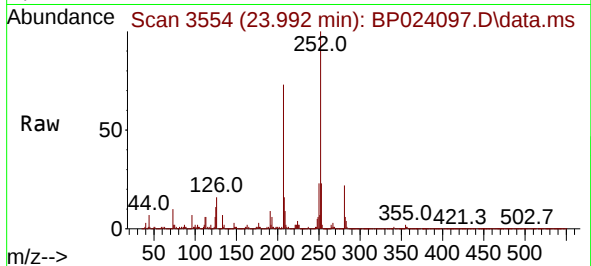




#89  
Benzo(k)fluoranthene  
Concen: 4.008 ng  
RT: 23.992 min Scan# 31  
Delta R.T. -0.041 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

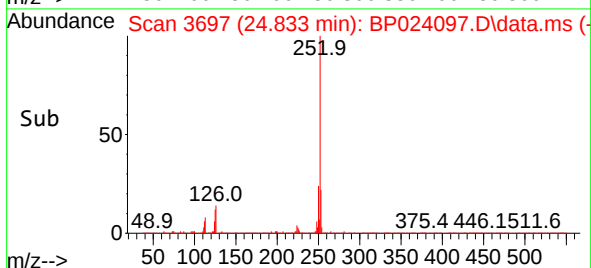
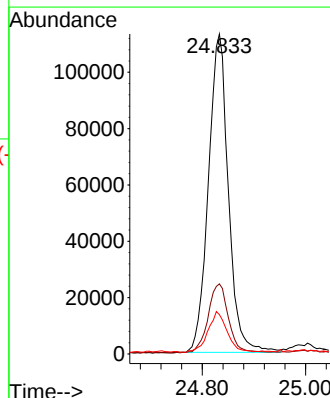
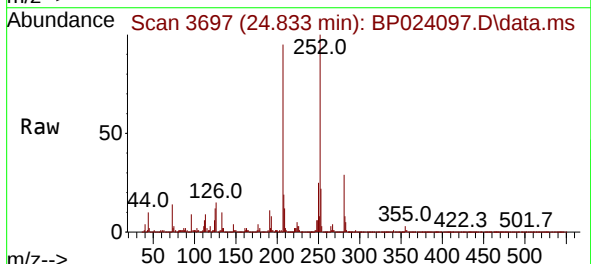
Instrument :  
BNA\_P  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2025

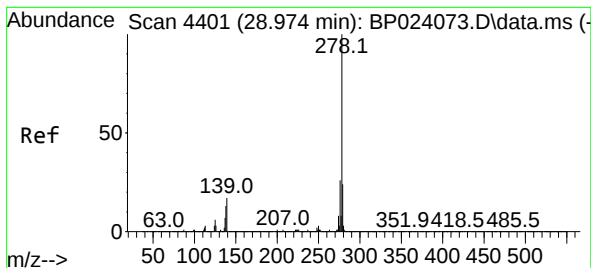
Tgt Ion:252 Resp: 365619  
Ion Ratio Lower Upper  
252 100  
253 23.0 17.8 26.6  
125 11.2 8.1 12.1



#90  
Benzo(a)pyrene  
Concen: 3.814 ng  
RT: 24.833 min Scan# 3697  
Delta R.T. -0.041 min  
Lab File: BP024097.D  
Acq: 19 Feb 2025 13:57

Tgt Ion:252 Resp: 303377  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.6 26.4  
125 12.3 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 3.635 ng

RT: 28.886 min Scan# 41

Delta R.T. -0.088 min

Lab File: BP024097.D

Acq: 19 Feb 2025 13:57

Instrument :

BNA\_P

ClientSampleId :

LOD-MDL-WATER-01-QT1-2025

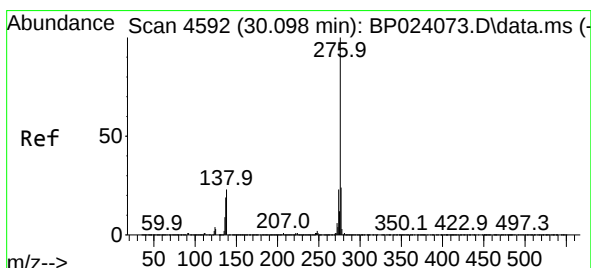
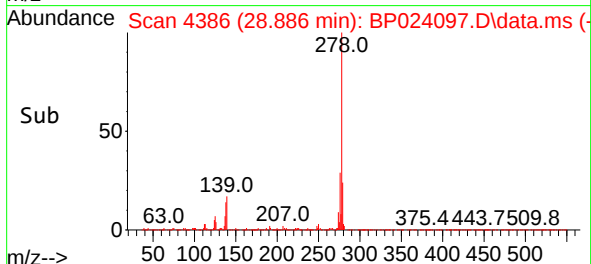
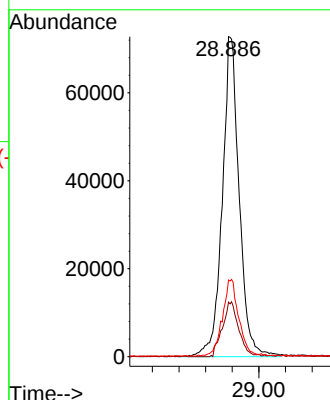
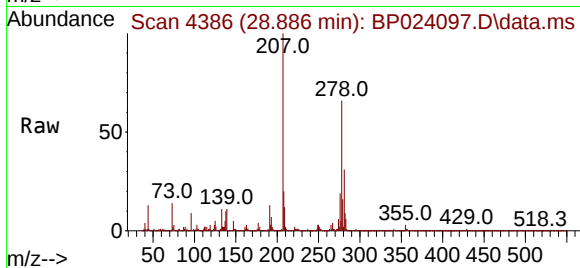
Tgt Ion:278 Resp: 320913

Ion Ratio Lower Upper

278 100

139 17.1 13.4 20.0

279 24.0 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 3.304 ng

RT: 29.997 min Scan# 4575

Delta R.T. -0.100 min

Lab File: BP024097.D

Acq: 19 Feb 2025 13:57

Tgt Ion:276 Resp: 296009

Ion Ratio Lower Upper

276 100

277 22.8 18.9 28.3

138 23.4 18.1 27.1

