

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM091724\  
 Data File : BM047549.D  
 Acq On : 17 Sep 2024 18:26  
 Operator : RC/JU  
 Sample : P2403-07  
 Misc : LOD-MDL-WATER-8 PPM  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT2-2024

Quant Time: Sep 18 03:06:10 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM091424.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Sep 15 08:56:37 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.845  | 152  | 359780   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.645 | 136  | 1561998  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.474 | 164  | 892295   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.209 | 188  | 1681694  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.433 | 240  | 1324350  | 20.000  | ng    | #-0.01   |
| 86) Perylene-d12              | 24.456 | 264  | 1174032  | 20.000  | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.422  | 112  | 3317127  | 146.800 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.010  | 99   | 4588961  | 144.208 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.004  | 82   | 3289099  | 105.382 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.957 | 330  | 1374727  | 159.392 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.104 | 172  | 6910141  | 106.679 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.827 | 244  | 8772303  | 118.695 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.322  | 88   | 102789   | 10.621  | ng    | 98       |
| 3) Pyridine                   | 3.722  | 79   | 246533   | 8.558   | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.628  | 42   | 126756   | 9.697   | ng    | # 96     |
| 6) Aniline                    | 7.169  | 93   | 291320   | 10.326  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.410  | 128  | 219973   | 8.831   | ng    | 96       |
| 9) Benzaldehyde               | 6.981  | 77   | 231771   | 15.318  | ng    | 97       |
| 10) Phenol                    | 7.034  | 94   | 285486   | 8.960   | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.269  | 93   | 239464   | 9.361   | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.739  | 146  | 230862   | 8.467   | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.881  | 146  | 236660   | 8.522   | ng    | 96       |
| 14) 1,2-Dichlorobenzene       | 8.198  | 146  | 230039   | 8.417   | ng    | 98       |
| 15) Benzyl Alcohol            | 8.081  | 79   | 190670   | 8.846   | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.369  | 45   | 355087   | 9.868   | ng    | 99       |
| 17) 2-Methylphenol            | 8.281  | 107  | 165505   | 8.131   | ng    | 97       |
| 18) Hexachloroethane          | 8.933  | 117  | 96741    | 8.720   | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 8.651  | 70   | 191582   | 8.929   | ng    | 96       |
| 20) 3+4-Methylphenols         | 8.604  | 107  | 224180   | 7.893   | ng    | 98       |
| 22) Acetophenone              | 8.663  | 105  | 362231   | 8.821   | ng    | # 98     |
| 24) Nitrobenzene              | 9.039  | 77   | 293490   | 9.151   | ng    | 96       |
| 25) Isophorone                | 9.569  | 82   | 496180   | 9.043   | ng    | 100      |
| 26) 2-Nitrophenol             | 9.751  | 139  | 82152    | 7.517   | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 9.810  | 122  | 102456   | 6.184   | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 10.051 | 93   | 305900   | 8.875   | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.286 | 162  | 162005   | 7.697   | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 10.504 | 180  | 190088   | 7.884   | ng    | 98       |
| 31) Naphthalene               | 10.692 | 128  | 695836   | 8.248   | ng    | 100      |
| 32) Benzoic acid              | 9.880  | 122  | 71922    | 10.489  | ng    | 98       |
| 33) 4-Chloroaniline           | 10.792 | 127  | 266957   | 8.752   | ng    | 96       |
| 34) Hexachlorobutadiene       | 10.986 | 225  | 99661    | 7.463   | ng    | 99       |
| 35) Caprolactam               | 11.551 | 113  | 53484    | 7.715   | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 11.910 | 107  | 189138   | 7.841   | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.304 | 142  | 443270   | 7.895   | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.521 | 142  | 414199   | 7.423   | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.669 | 216  | 192703   | 7.981   | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.657 | 237  | 46720    | 5.919   | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.904 | 196  | 109982   | 7.271   | ng    | 99       |

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 QLast Update : Sun Sep 15 08:56:37 2024  
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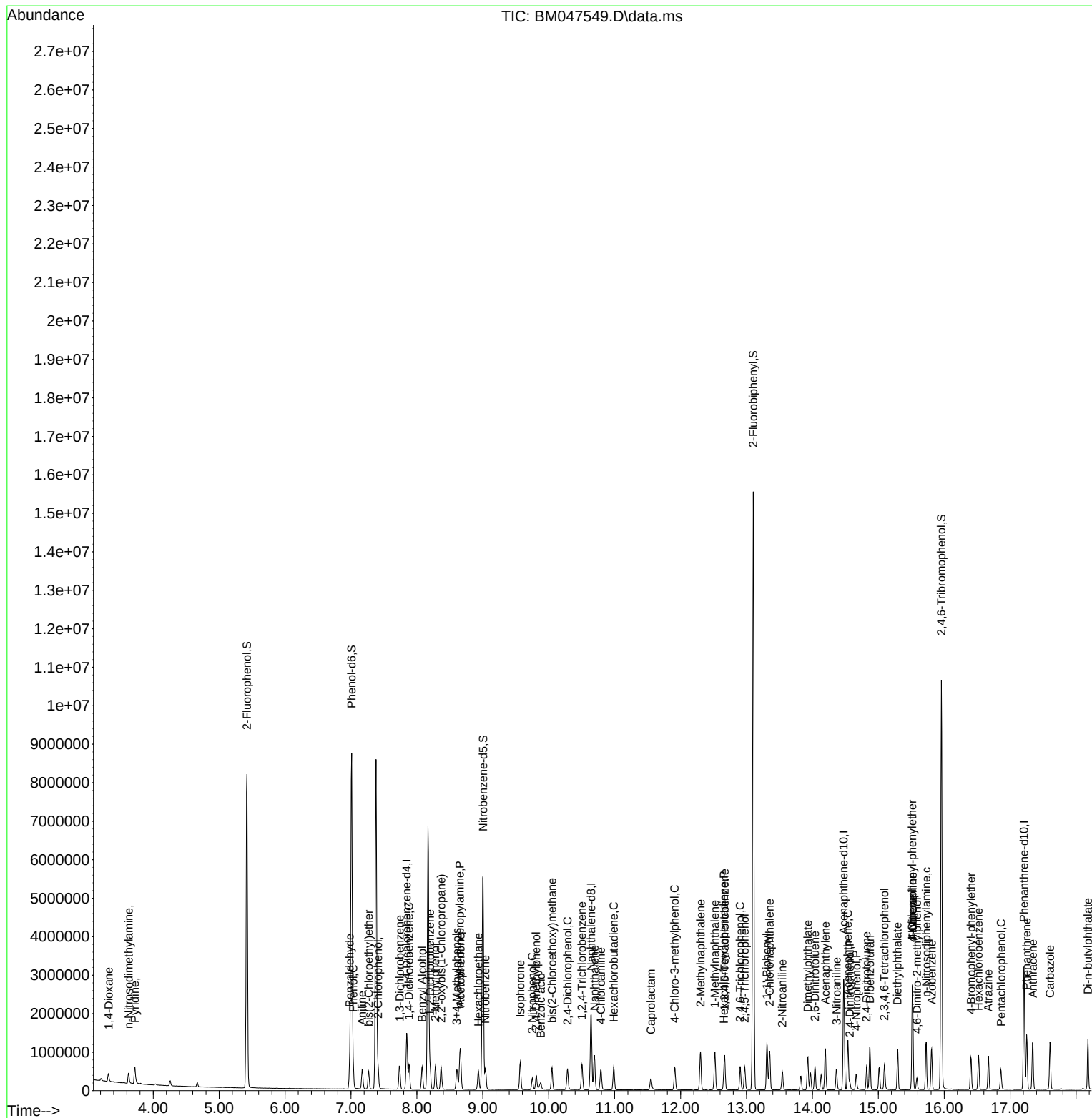
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.974 | 196  | 124241   | 7.272  | ng    | 95       |
| 46) 1,1'-Biphenyl             | 13.310 | 154  | 588804   | 8.481  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.351 | 162  | 436775   | 8.102  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.545 | 65   | 122352   | 7.727  | ng    | 95       |
| 49) Acenaphthylene            | 14.198 | 152  | 685920   | 8.817  | ng    | 99       |
| 50) Dimethylphthalate         | 13.933 | 163  | 512965   | 8.435  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.039 | 165  | 95682    | 7.453  | ng    | 92       |
| 52) Acenaphthene              | 14.539 | 154  | 419499   | 7.696  | ng    | 96       |
| 53) 3-Nitroaniline            | 14.368 | 138  | 112600   | 7.891  | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.568 | 184  | 28855    | 8.530  | ng    | 93       |
| 55) Dibenzofuran              | 14.874 | 168  | 631092   | 8.239  | ng    | 98       |
| 56) 4-Nitrophenol             | 14.668 | 139  | 84450    | 7.192  | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 14.821 | 165  | 121832   | 7.115  | ng    | # 82     |
| 58) Fluorene                  | 15.521 | 166  | 519424   | 7.532  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.092 | 232  | 98564    | 7.399  | ng    | 94       |
| 60) Diethylphthalate          | 15.292 | 149  | 541108   | 8.360  | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.515 | 204  | 229924   | 7.292  | ng    | 95       |
| 62) 4-Nitroaniline            | 15.521 | 138  | 115321   | 6.875  | ng    | 90       |
| 63) Azobenzene                | 15.810 | 77   | 650598   | 9.129  | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 15.586 | 198  | 43532    | 11.495 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 15.727 | 169  | 405888   | 7.890  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.409 | 248  | 120662   | 7.384  | ng    | 99       |
| 68) Hexachlorobenzene         | 16.521 | 284  | 138884   | 7.503  | ng    | 96       |
| 69) Atrazine                  | 16.668 | 200  | 118173   | 8.311  | ng    | 97       |
| 70) Pentachlorophenol         | 16.862 | 266  | 66812    | 6.226  | ng    | 99       |
| 71) Phenanthrene              | 17.251 | 178  | 747109   | 8.061  | ng    | 99       |
| 72) Anthracene                | 17.345 | 178  | 681076   | 7.649  | ng    | 100      |
| 73) Carbazole                 | 17.604 | 167  | 686326   | 7.778  | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.180 | 149  | 829801   | 7.859  | ng    | 99       |
| 75) Fluoranthene              | 19.262 | 202  | 718081   | 7.101  | ng    | 97       |
| 77) Benzidine                 | 19.439 | 184  | 207917   | 11.147 | ng    | 99       |
| 78) Pyrene                    | 19.621 | 202  | 761772   | 7.886  | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.521 | 149  | 285300   | 7.672  | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.415 | 228  | 727681   | 8.430  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.339 | 252  | 189111   | 8.236  | ng    | 97       |
| 83) Chrysene                  | 21.480 | 228  | 678573   | 8.311  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.350 | 149  | 463086   | 7.949  | ng    | # 98     |
| 85) Di-n-octyl phthalate      | 22.497 | 149  | 639529   | 7.761  | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.868 | 276  | 596705   | 8.493  | ng    | 97       |
| 88) Benzo(b)fluoranthene      | 23.503 | 252  | 602911   | 7.937  | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.562 | 252  | 627405   | 8.334  | ng    | 98       |
| 90) Benzo(a)pyrene            | 24.315 | 252  | 516597   | 8.298  | ng    | 97       |
| 91) Dibenzo(a,h)anthracene    | 27.938 | 278  | 484578   | 8.198  | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 28.932 | 276  | 449055   | 7.777  | ng    | 94       |

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

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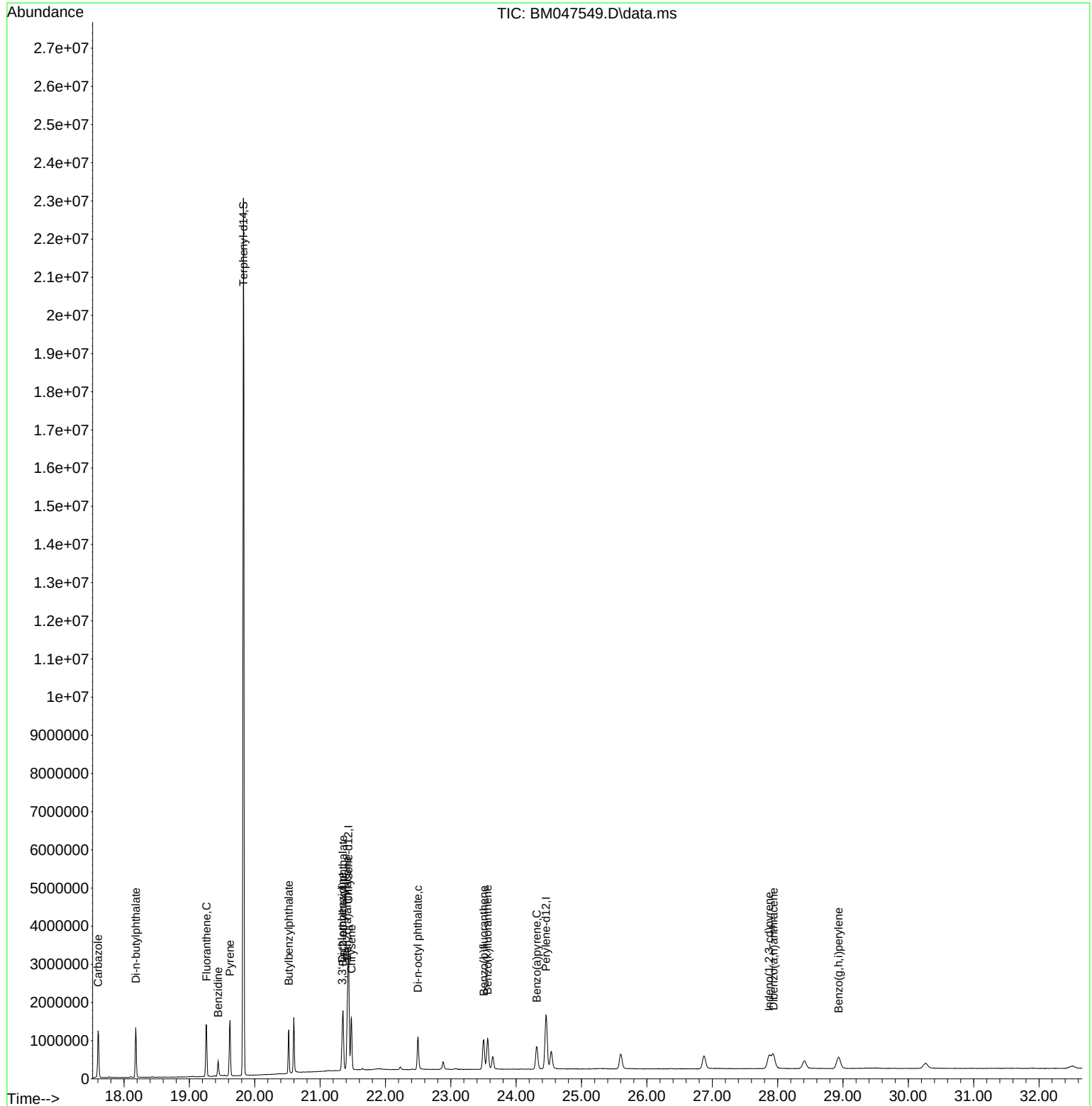
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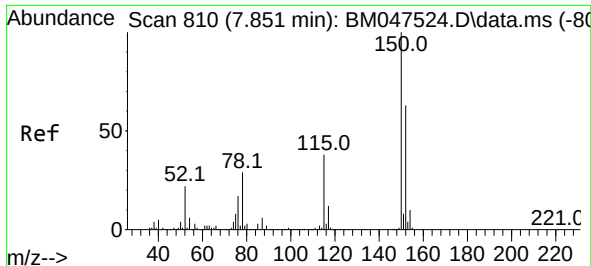


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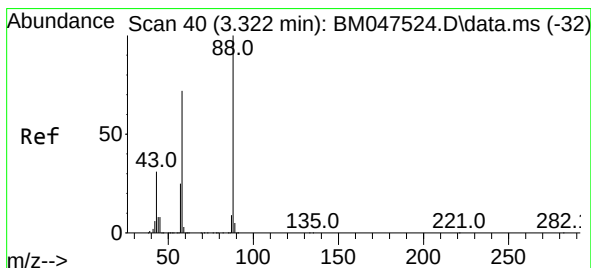
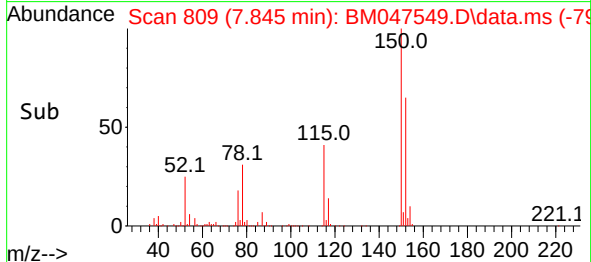
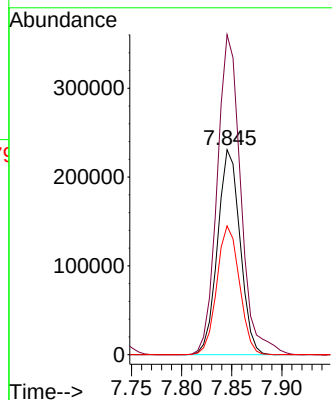
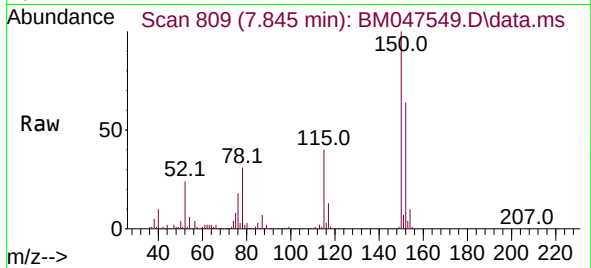




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.845 min Scan# 80  
Delta R.T. -0.006 min  
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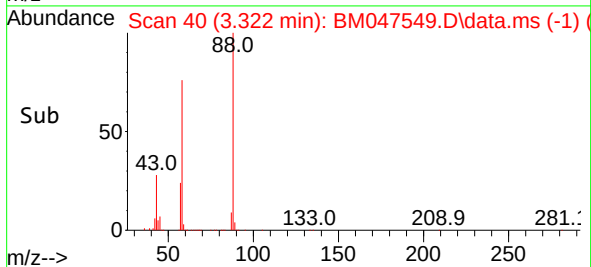
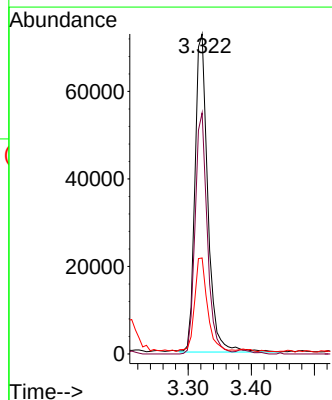
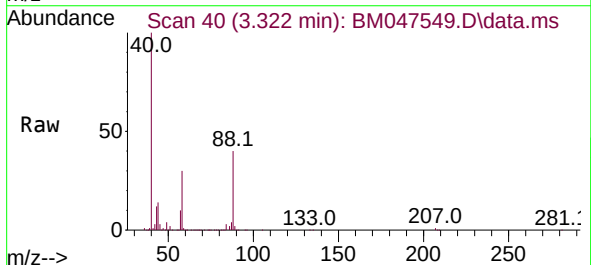
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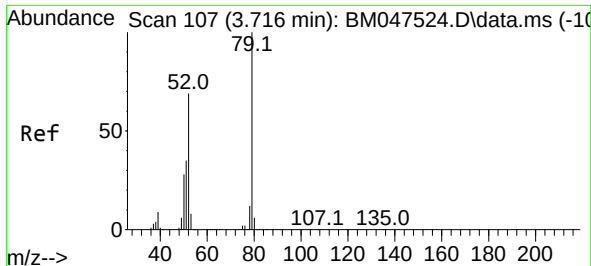
Tgt Ion:152 Resp: 359780  
Ion Ratio Lower Upper  
152 100  
150 156.1 126.8 190.2  
115 62.9 47.8 71.8



#2  
1,4-Dioxane  
Concen: 10.621 ng  
RT: 3.322 min Scan# 40  
Delta R.T. 0.000 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

Tgt Ion: 88 Resp: 102789  
Ion Ratio Lower Upper  
88 100  
58 72.0 59.0 88.6  
43 29.4 25.0 37.4

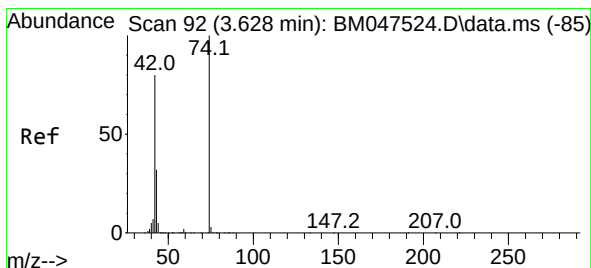
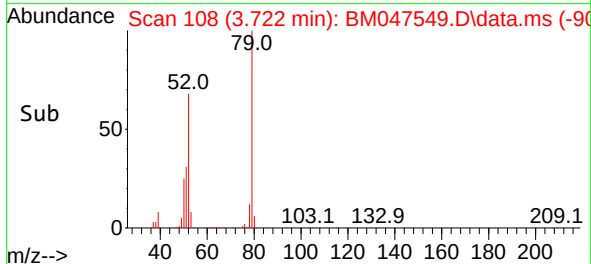
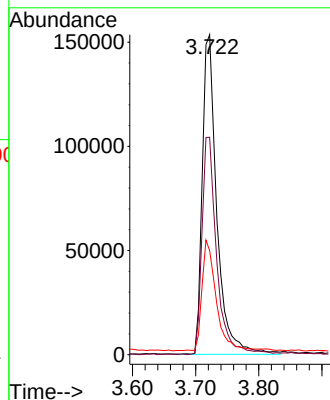
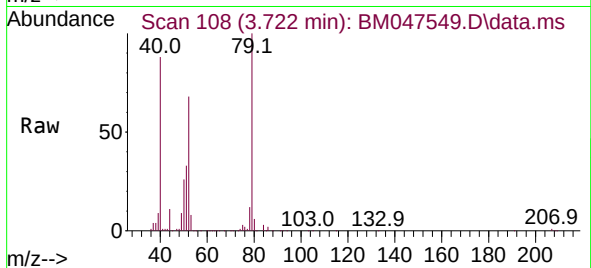




#3  
Pyridine  
Concen: 8.558 ng  
RT: 3.722 min Scan# 107  
Delta R.T. 0.006 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

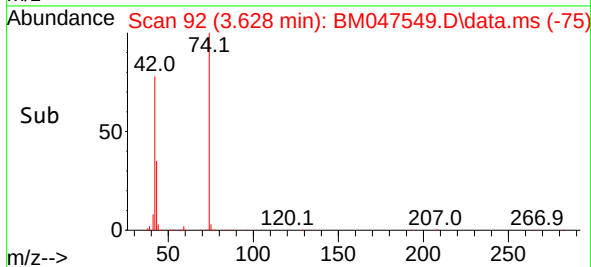
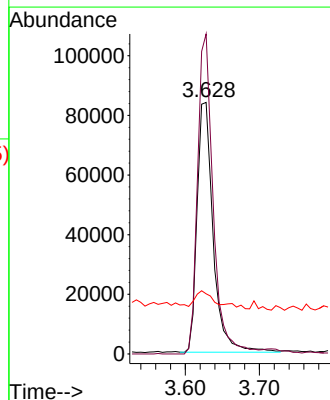
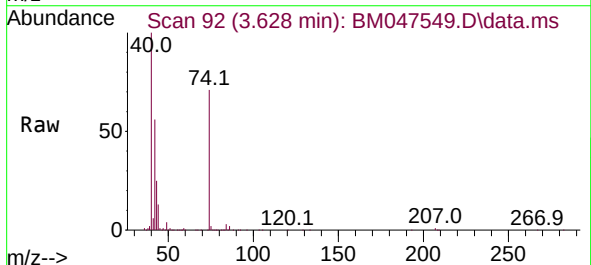
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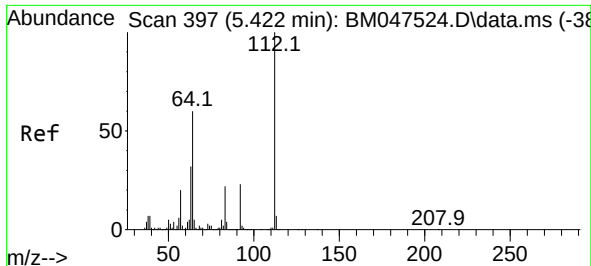
Tgt Ion: 79 Resp: 246533  
Ion Ratio Lower Upper  
79 100  
52 68.0 55.4 83.0  
51 32.6 27.9 41.9



#4  
n-Nitrosodimethylamine  
Concen: 9.697 ng  
RT: 3.628 min Scan# 92  
Delta R.T. 0.000 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

Tgt Ion: 42 Resp: 126756  
Ion Ratio Lower Upper  
42 100  
74 127.2 100.5 150.7  
44 23.9 6.9 10.3

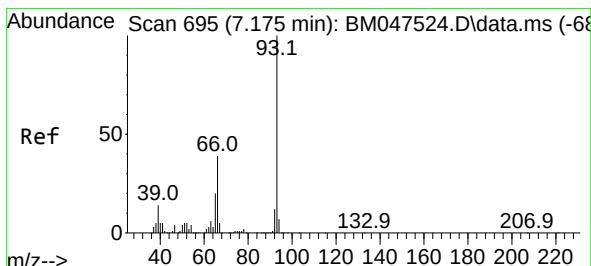
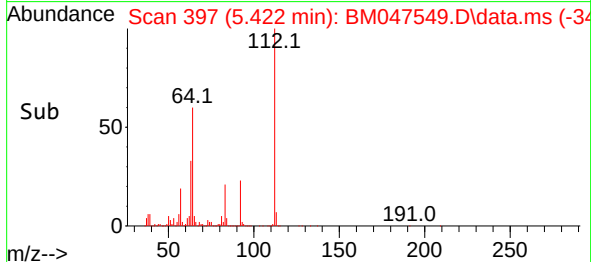
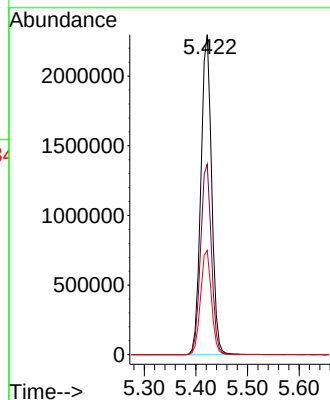
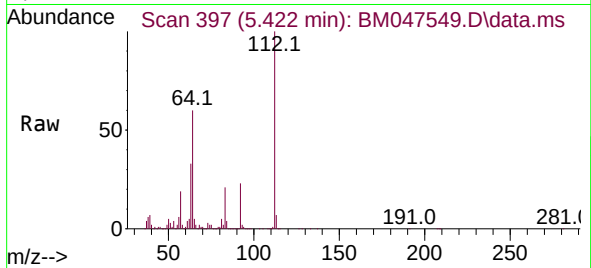




#5  
2-Fluorophenol  
Concen: 146.800 ng  
RT: 5.422 min Scan# 397  
Delta R.T. 0.000 min  
Lab File: BM047549.D  
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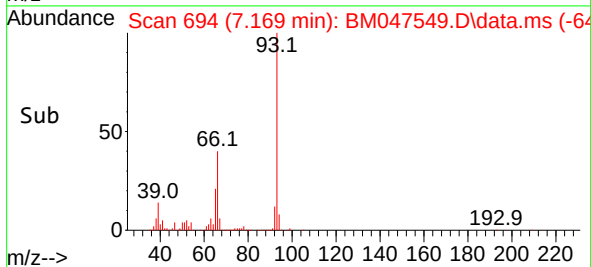
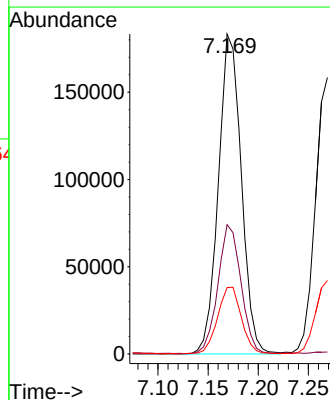
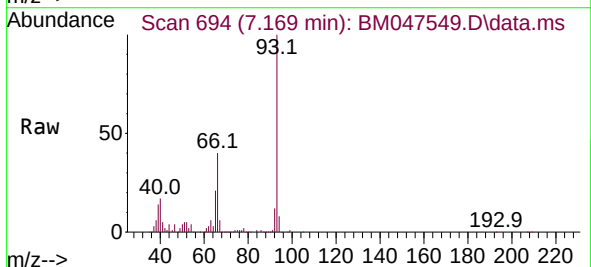
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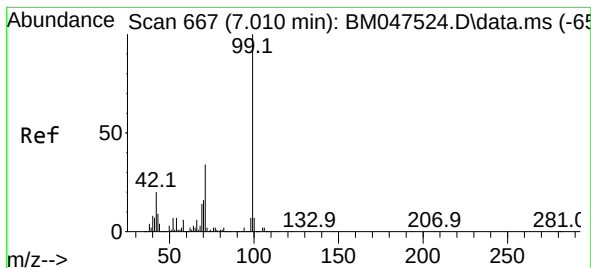
Tgt Ion:112 Resp: 3317127  
Ion Ratio Lower Upper  
112 100  
64 59.5 48.2 72.4  
63 32.6 26.0 39.0



#6  
Aniline  
Concen: 10.326 ng  
RT: 7.169 min Scan# 694  
Delta R.T. -0.006 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

Tgt Ion: 93 Resp: 291320  
Ion Ratio Lower Upper  
93 100  
66 40.4 31.4 47.0  
65 20.7 16.3 24.5





#7

Phenol-d6

Concen: 144.208 ng

RT: 7.010 min Scan# 6

Delta R.T. 0.000 min

Lab File: BM047549.D

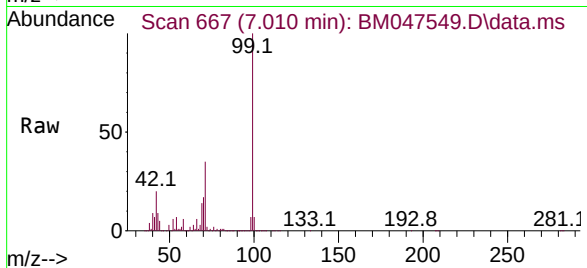
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BNA\_M

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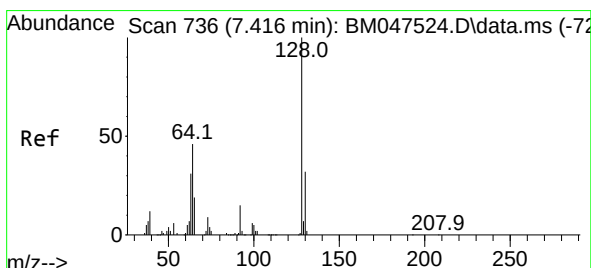
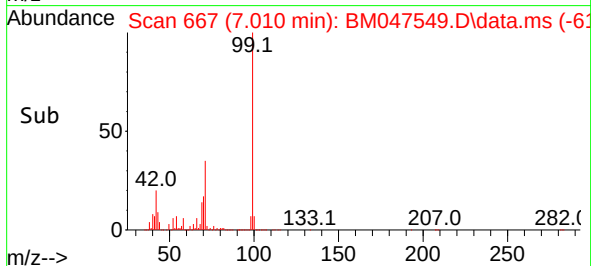
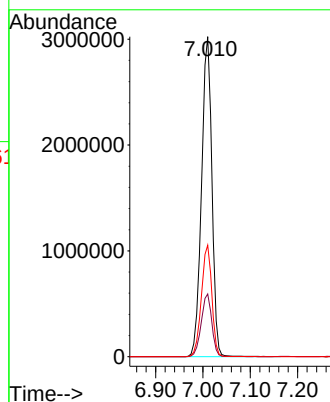
Tgt Ion: 99 Resp: 4588961

Ion Ratio Lower Upper

99 100

42 19.6 15.8 23.8

71 34.9 27.6 41.4



#8

2-Chlorophenol

Concen: 8.831 ng

RT: 7.410 min Scan# 735

Delta R.T. -0.006 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

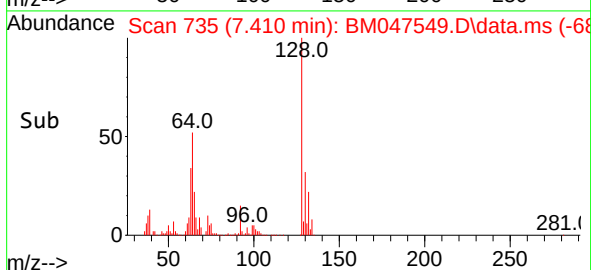
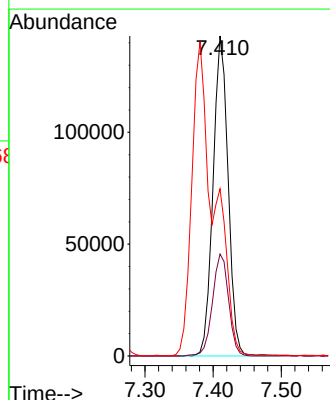
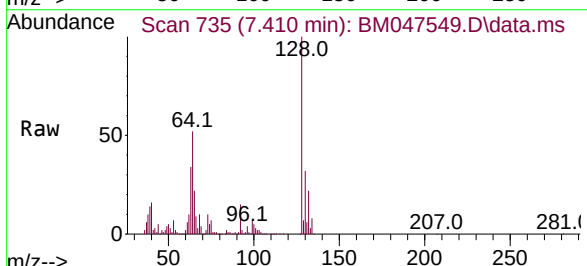
Tgt Ion:128 Resp: 219973

Ion Ratio Lower Upper

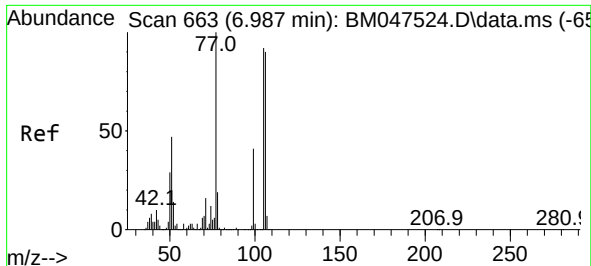
128 100

130 31.8 11.8 51.8

64 52.2 27.6 67.6



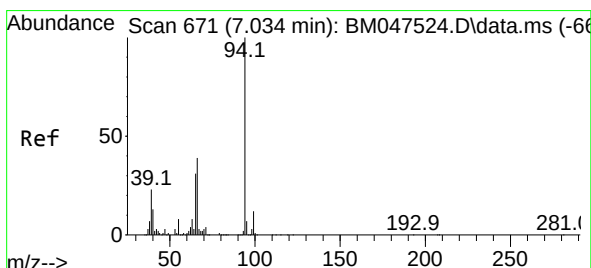
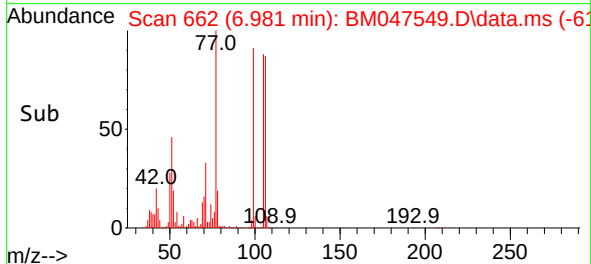
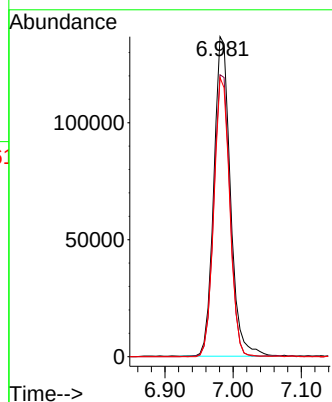
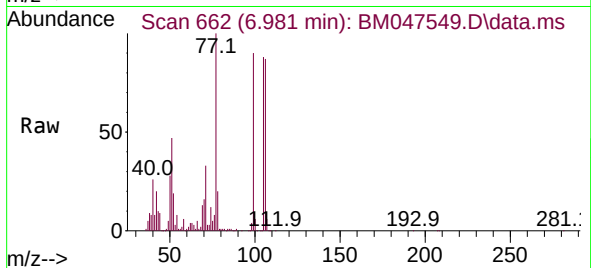




#9  
Benzaldehyde  
Concen: 15.318 ng  
RT: 6.981 min Scan# 662  
Delta R.T. -0.006 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

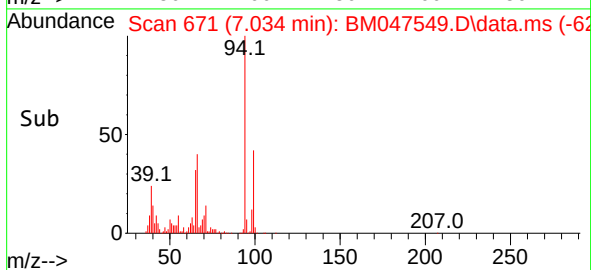
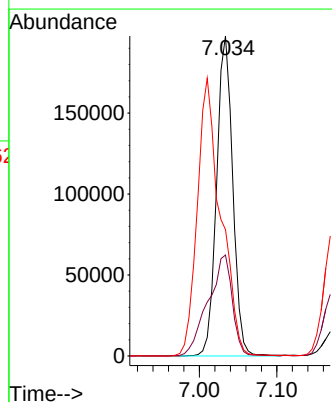
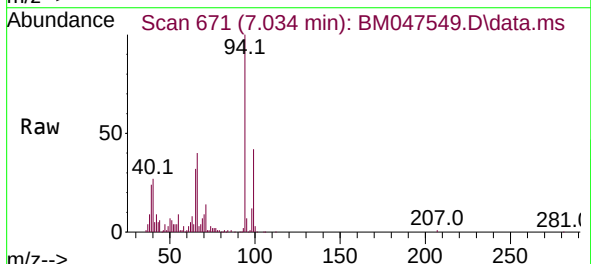
Instrument : BNA\_M  
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

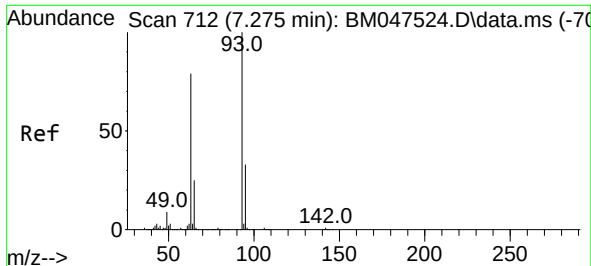
Tgt Ion: 77 Resp: 231771  
Ion Ratio Lower Upper  
77 100  
105 88.1 71.8 111.8  
106 87.2 69.7 109.7



#10  
Phenol  
Concen: 8.960 ng  
RT: 7.034 min Scan# 671  
Delta R.T. 0.000 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

Tgt Ion: 94 Resp: 285486  
Ion Ratio Lower Upper  
94 100  
65 31.5 10.8 50.8  
66 39.5 19.2 59.2



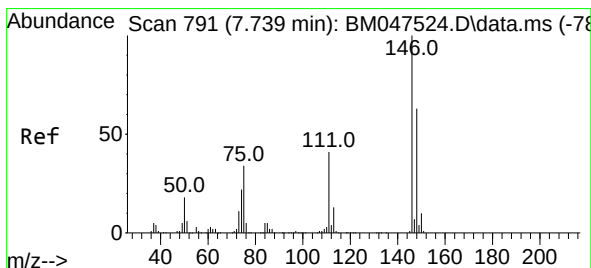
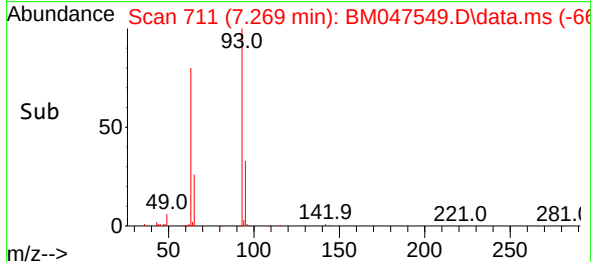
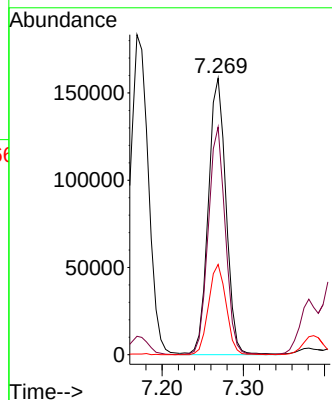
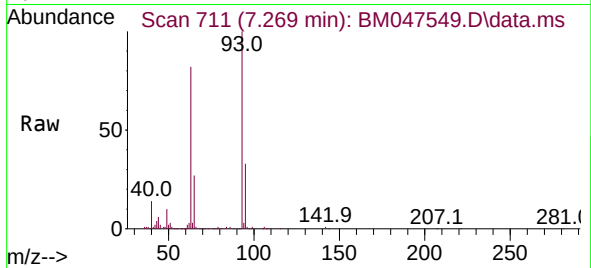


#11  
bis(2-Chloroethyl)ether  
Concen: 9.361 ng  
RT: 7.269 min Scan# 712  
Delta R.T. -0.006 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

Instrument : BNA\_M  
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 93 Resp: 239464

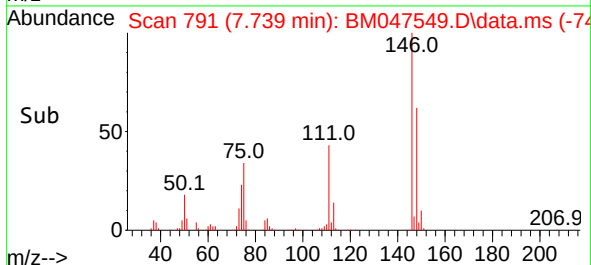
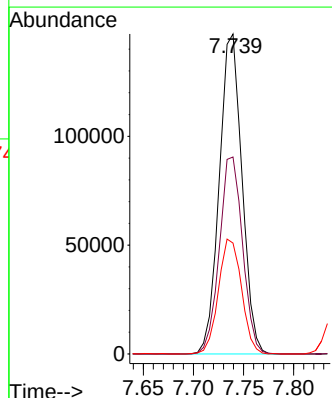
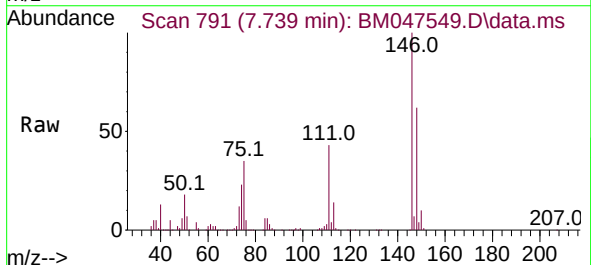
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 82.4  | 58.2  | 98.2  |
| 95  | 32.6  | 12.8  | 52.8  |

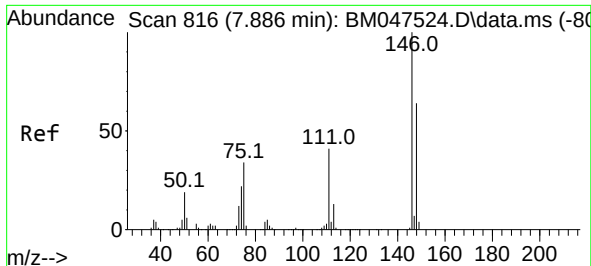


#12  
1,3-Dichlorobenzene  
Concen: 8.467 ng  
RT: 7.739 min Scan# 791  
Delta R.T. 0.000 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

Tgt Ion:146 Resp: 230862

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 61.6  | 50.2  | 75.4  |
| 75  | 34.7  | 27.4  | 41.0  |

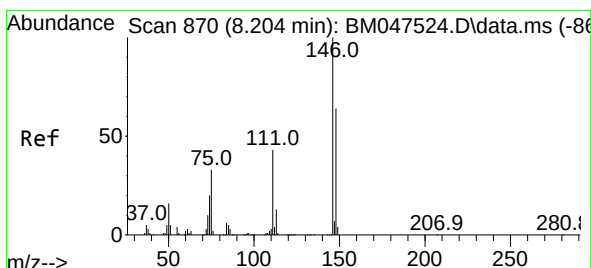
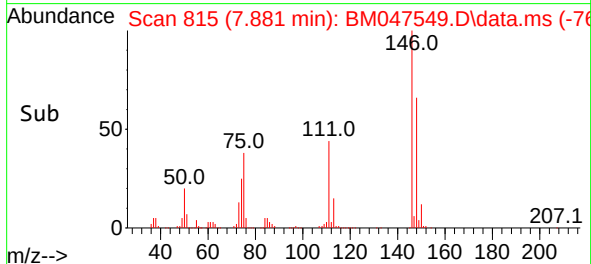
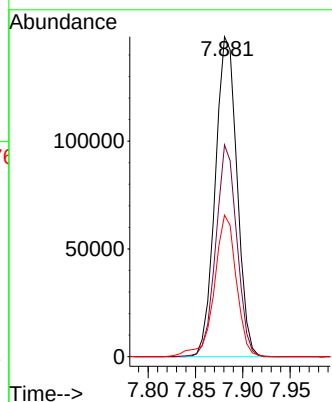
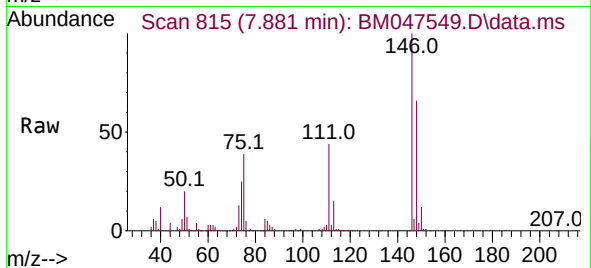




#13  
1,4-Dichlorobenzene  
Concen: 8.522 ng  
RT: 7.881 min Scan# 816  
Delta R.T. -0.006 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

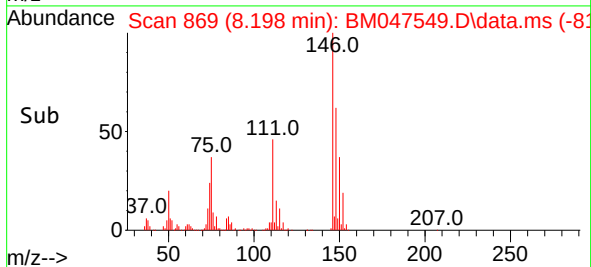
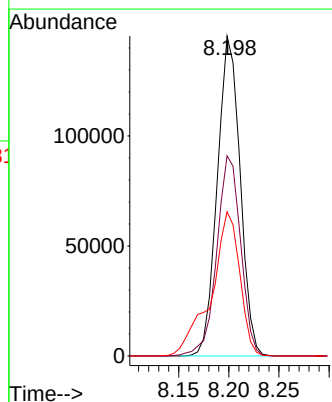
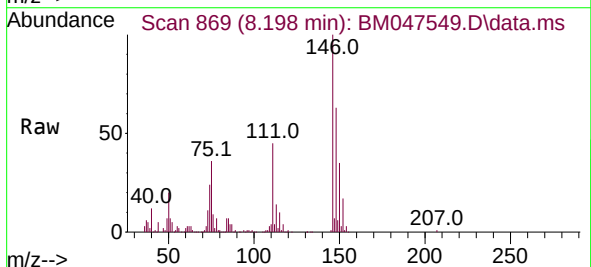
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024

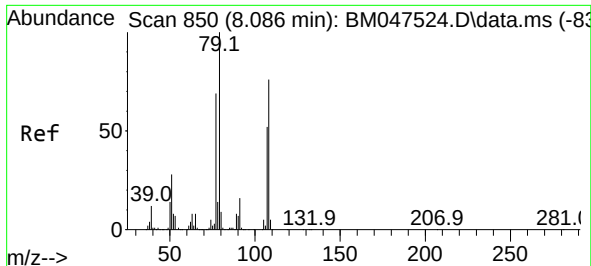
Tgt Ion:146 Resp: 236660  
Ion Ratio Lower Upper  
146 100  
148 66.2 51.3 76.9  
111 44.3 32.9 49.3



#14  
1,2-Dichlorobenzene  
Concen: 8.417 ng  
RT: 8.198 min Scan# 869  
Delta R.T. -0.006 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

Tgt Ion:146 Resp: 230039  
Ion Ratio Lower Upper  
146 100  
148 62.6 51.1 76.7  
111 45.1 34.7 52.1

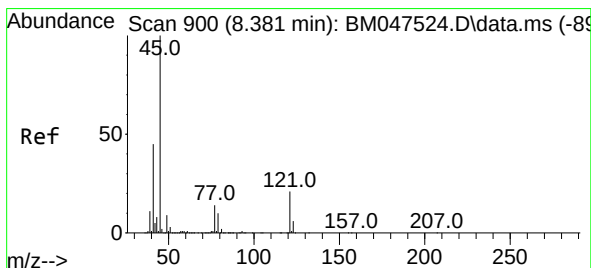
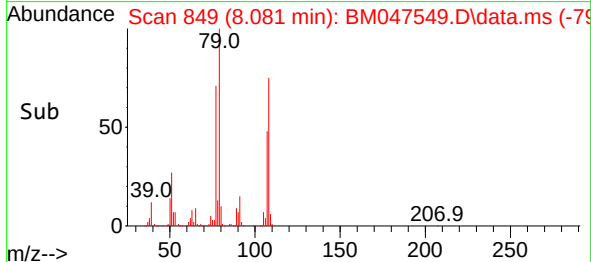
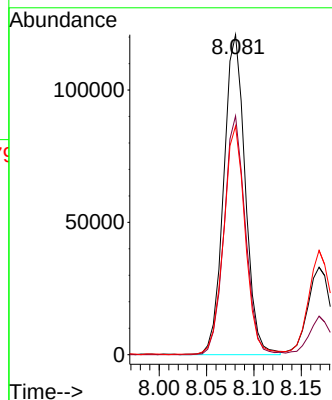
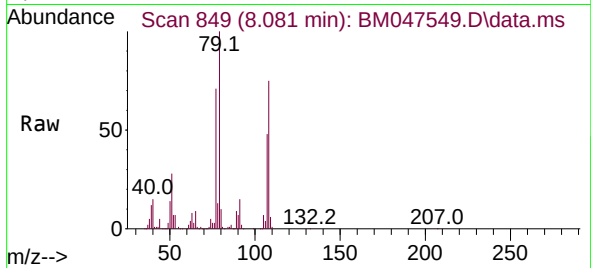




#15  
Benzyl Alcohol  
Concen: 8.846 ng  
RT: 8.081 min Scan# 849  
Delta R.T. -0.006 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

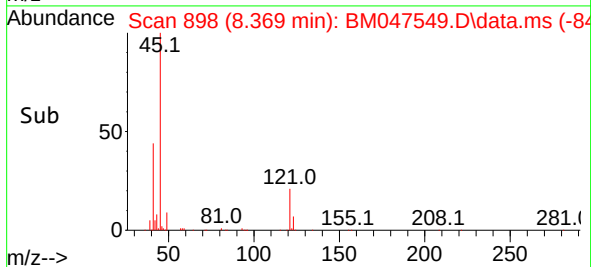
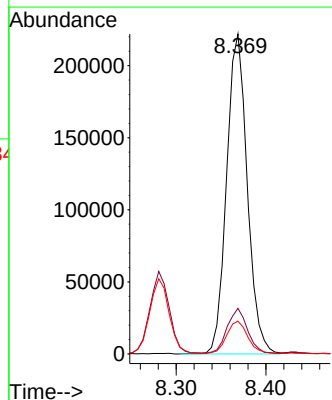
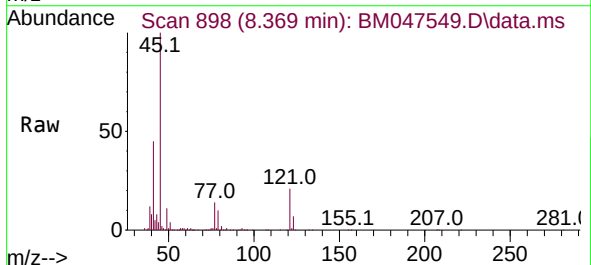
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024

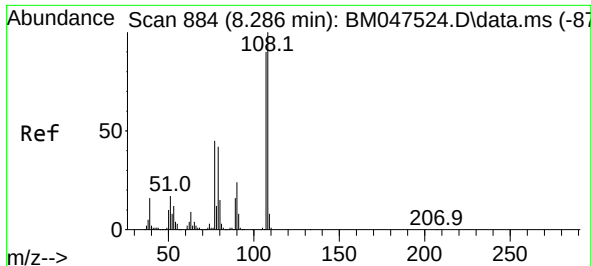
Tgt Ion: 79 Resp: 190670  
Ion Ratio Lower Upper  
79 100  
108 74.6 60.6 91.0  
77 71.4 55.0 82.4



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 9.868 ng  
RT: 8.369 min Scan# 898  
Delta R.T. -0.012 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

Tgt Ion: 45 Resp: 355087  
Ion Ratio Lower Upper  
45 100  
77 14.2 0.0 33.7  
79 10.3 0.0 30.3

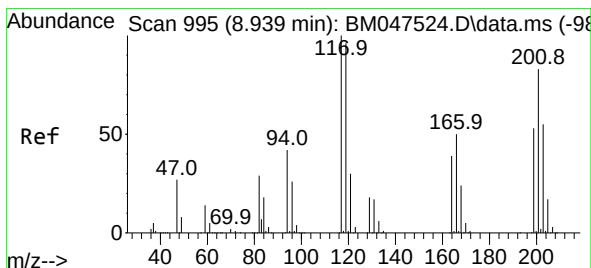
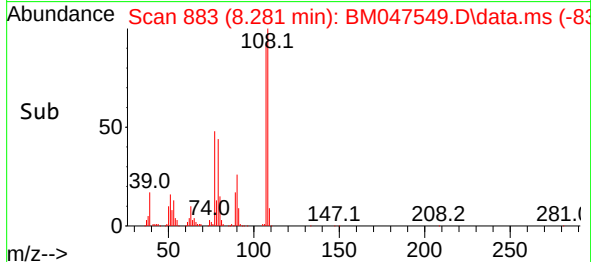
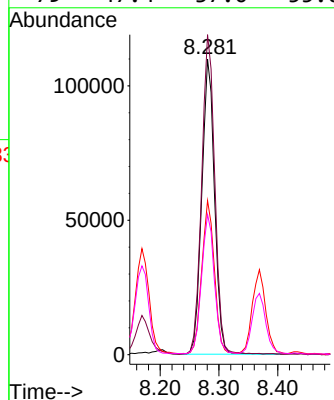
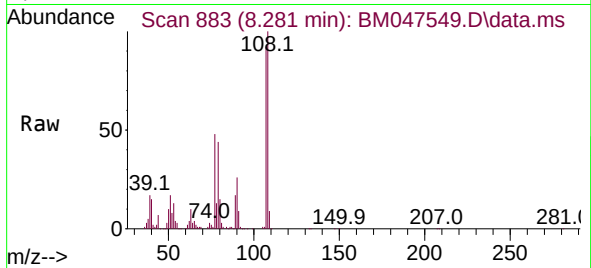




#17  
2-Methylphenol  
Concen: 8.131 ng  
RT: 8.281 min Scan# 883  
Delta R.T. -0.006 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

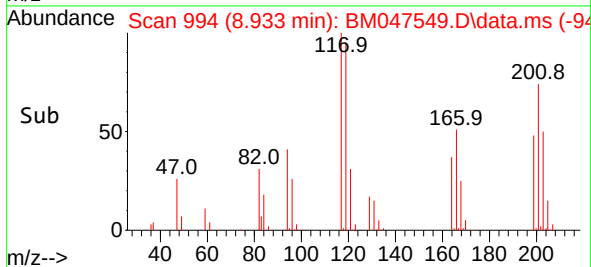
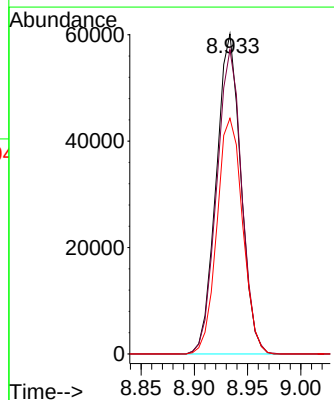
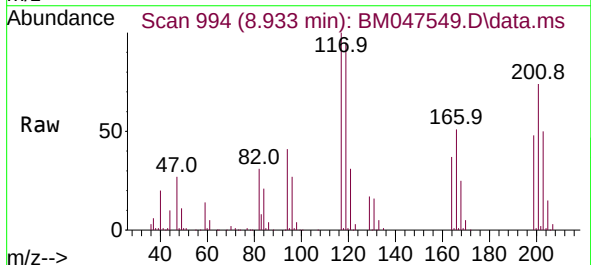
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024

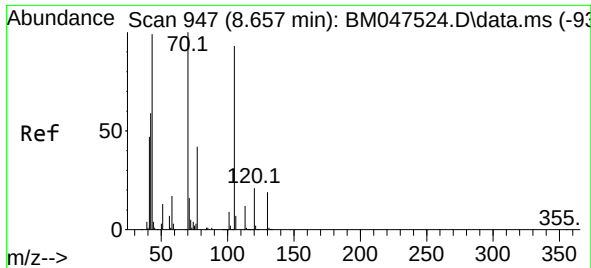
Tgt Ion:107 Resp: 165505  
Ion Ratio Lower Upper  
107 100  
108 108.3 88.9 133.3  
77 52.1 39.8 59.8  
79 47.4 37.0 55.6



#18  
Hexachloroethane  
Concen: 8.720 ng  
RT: 8.933 min Scan# 994  
Delta R.T. -0.006 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

Tgt Ion:117 Resp: 96741  
Ion Ratio Lower Upper  
117 100  
119 95.1 77.0 115.4  
201 73.6 66.8 100.2



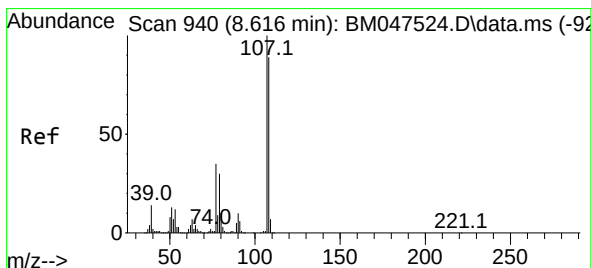
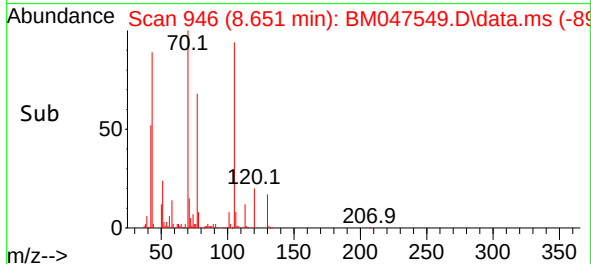
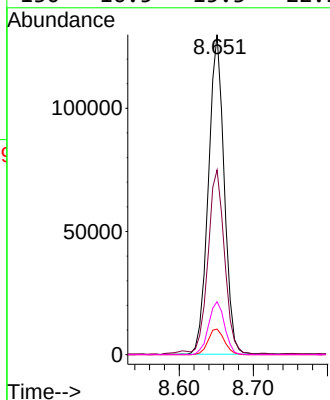
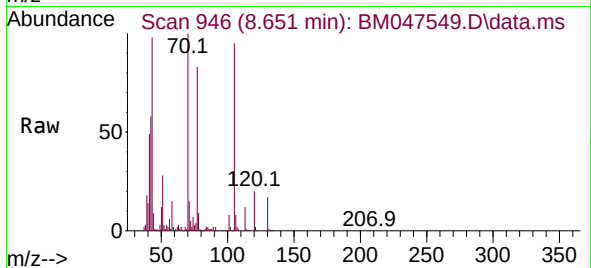


#19  
n-Nitroso-di-n-propylamine  
Concen: 8.929 ng  
RT: 8.651 min Scan# 947  
Delta R.T. -0.006 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 70 Resp: 191582

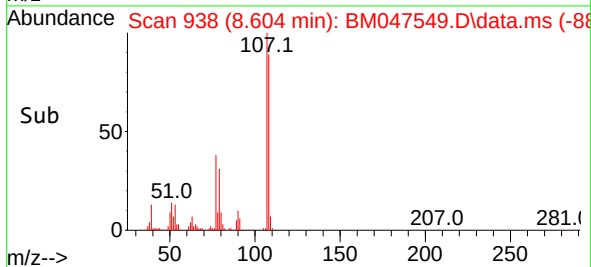
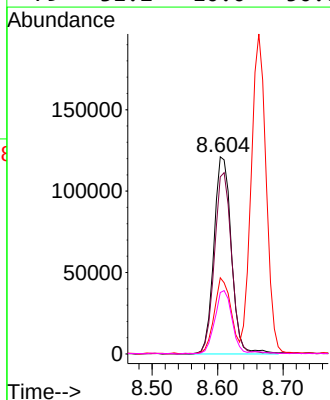
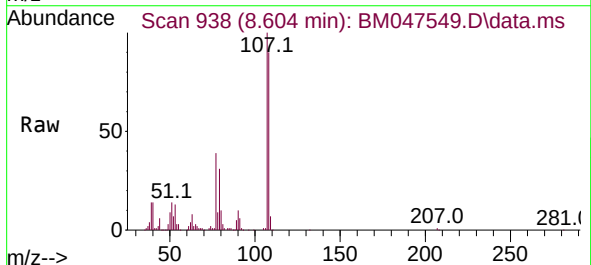
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 57.7  | 48.2  | 72.2  |
| 101 | 8.0   | 7.0   | 10.4  |
| 130 | 16.5  | 15.3  | 22.9  |

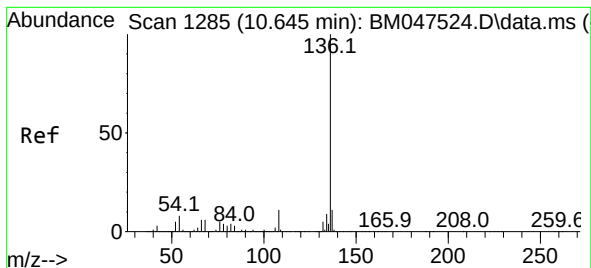


#20  
3+4-Methylphenols  
Concen: 7.893 ng  
RT: 8.604 min Scan# 938  
Delta R.T. -0.012 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

Tgt Ion: 107 Resp: 224180

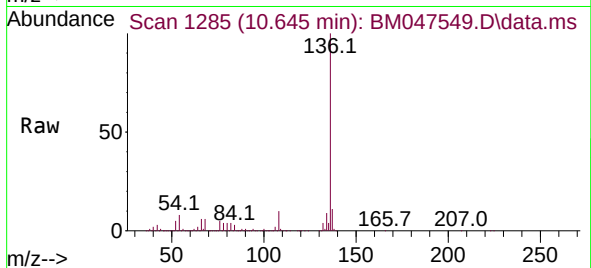
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 89.8  | 68.9  | 108.9 |
| 77  | 38.6  | 15.5  | 55.5  |
| 79  | 31.2  | 10.0  | 50.0  |



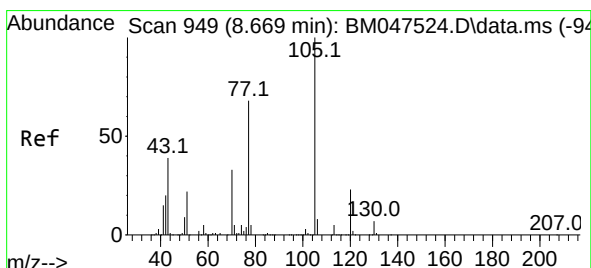
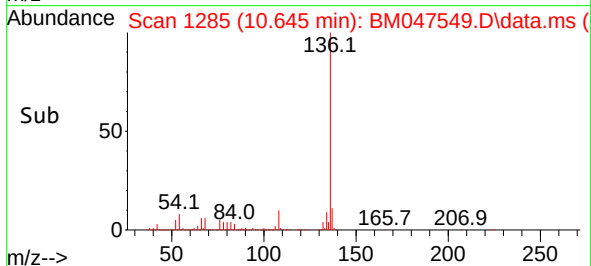
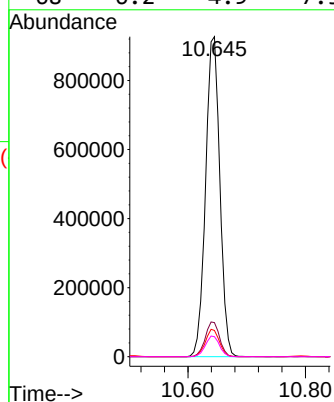


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.645 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024

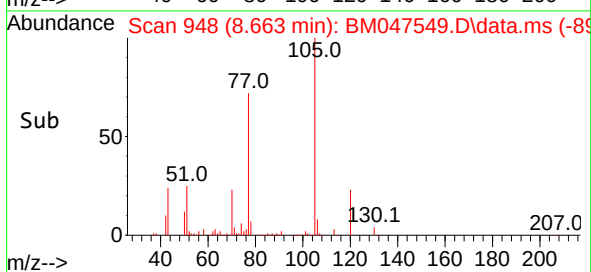
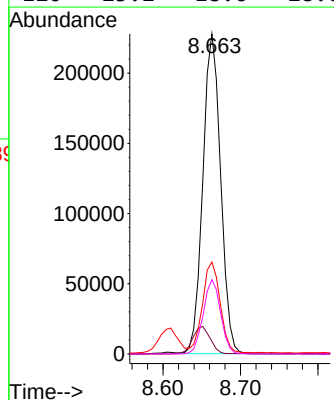
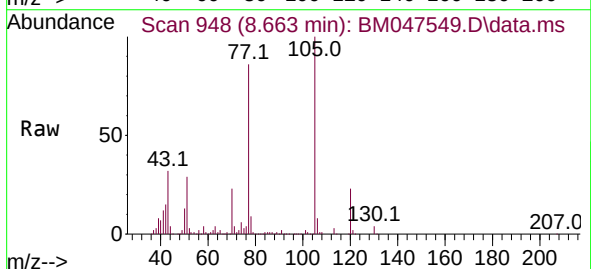


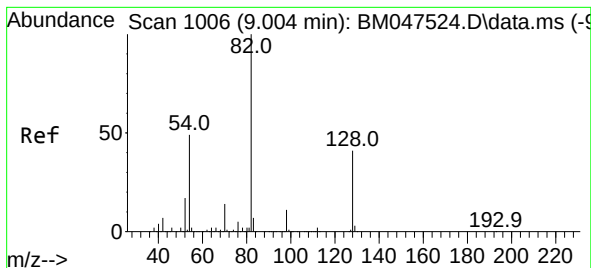
Tgt Ion:136 Resp: 1561998  
Ion Ratio Lower Upper  
136 100  
137 10.6 9.0 13.6  
54 8.2 6.6 9.8  
68 6.2 4.9 7.3



#22  
Acetophenone  
Concen: 8.821 ng  
RT: 8.663 min Scan# 948  
Delta R.T. -0.006 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

Tgt Ion:105 Resp: 362231  
Ion Ratio Lower Upper  
105 100  
71 3.9 4.3 6.5#  
51 28.7 21.5 32.3  
120 23.2 18.6 28.0





#23

Nitrobenzene-d5

Concen: 105.382 ng

RT: 9.004 min Scan# 1006

Delta R.T. 0.000 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

Instrument :

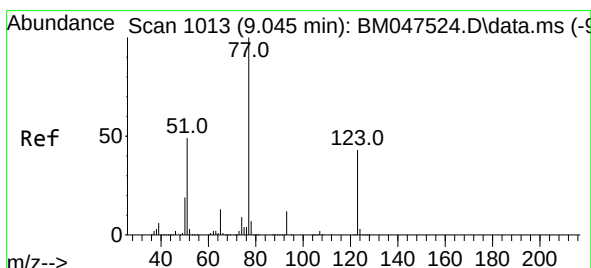
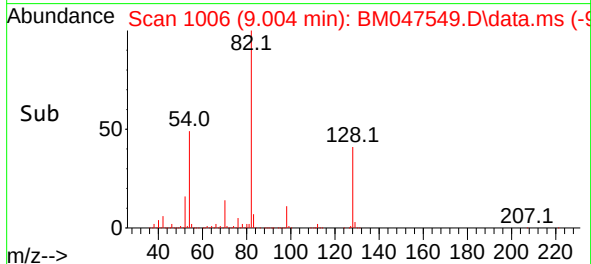
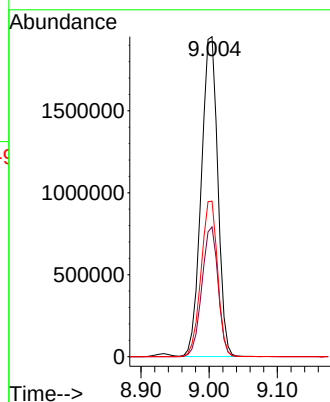
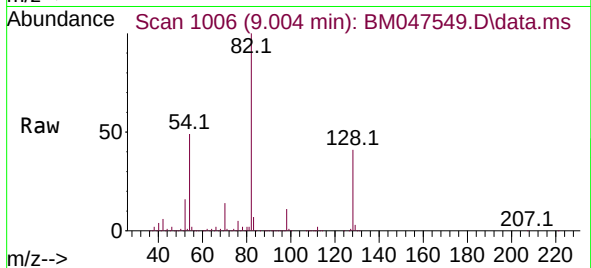
BNA\_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion: 82 Resp: 3289099

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 40.6  | 33.0  | 49.4  |
| 54  | 48.6  | 39.3  | 58.9  |



#24

Nitrobenzene

Concen: 9.151 ng

RT: 9.039 min Scan# 1012

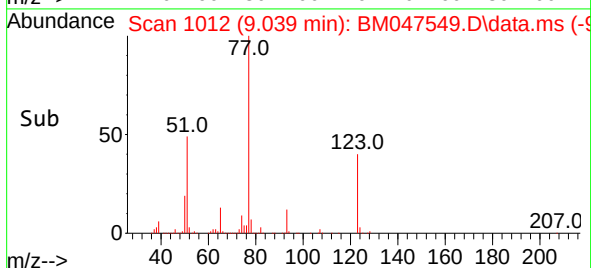
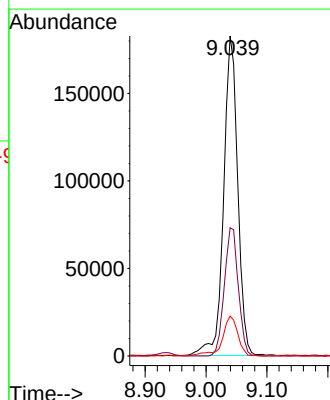
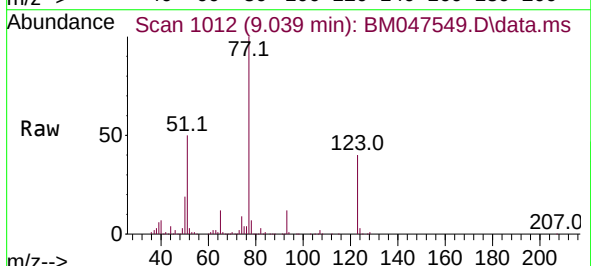
Delta R.T. -0.006 min

Lab File: BM047549.D

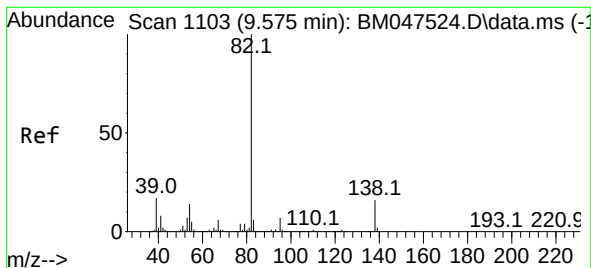
Acq: 17 Sep 2024 18:26

Tgt Ion: 77 Resp: 293490

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 40.1  | 34.5  | 51.7  |
| 65  | 12.5  | 10.7  | 16.1  |







#25

Isophorone

Concen: 9.043 ng

RT: 9.569 min Scan# 1102

Delta R.T. -0.006 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

Instrument :

BNA\_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

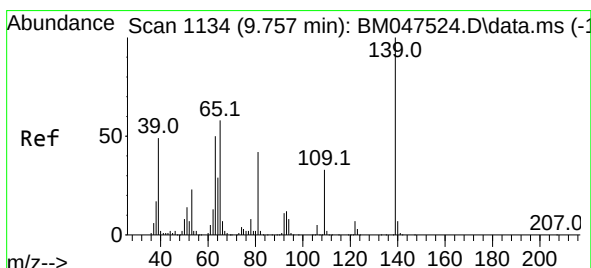
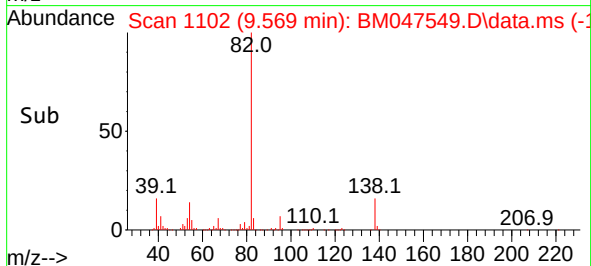
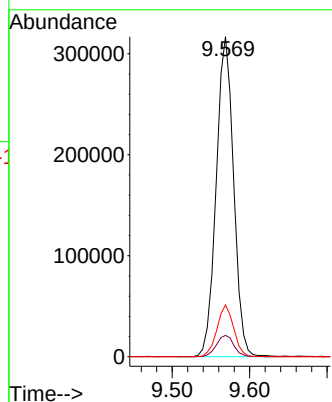
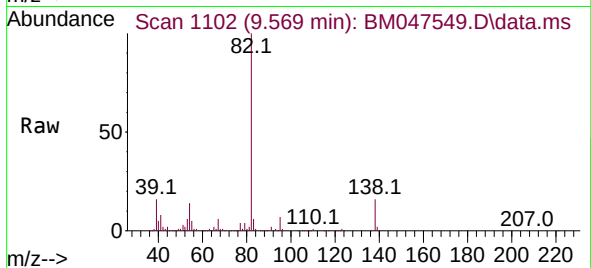
Tgt Ion: 82 Resp: 496180

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.0

138 16.1 12.9 19.3



#26

2-Nitrophenol

Concen: 7.517 ng

RT: 9.751 min Scan# 1133

Delta R.T. -0.006 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

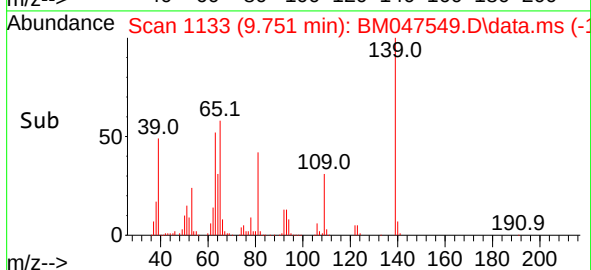
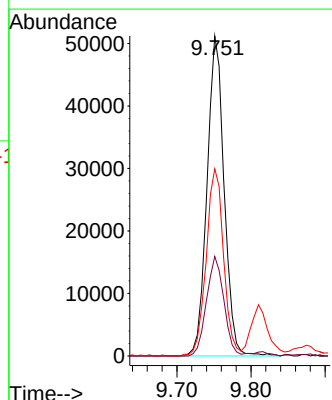
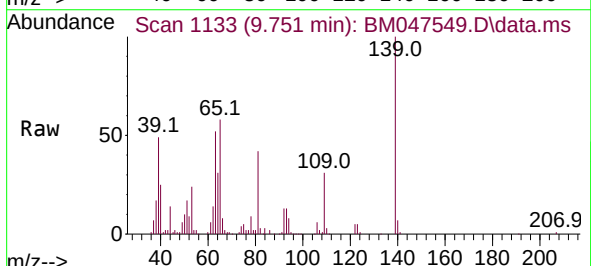
Tgt Ion:139 Resp: 82152

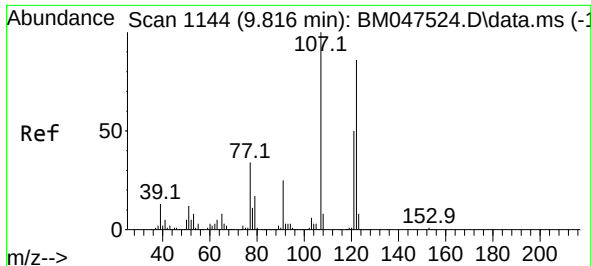
Ion Ratio Lower Upper

139 100

109 31.1 26.0 39.0

65 58.5 46.2 69.4

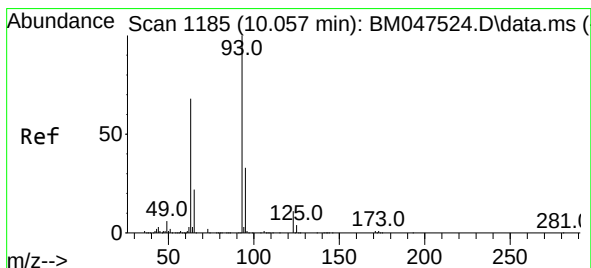
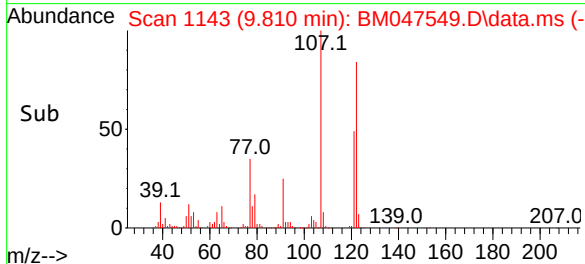
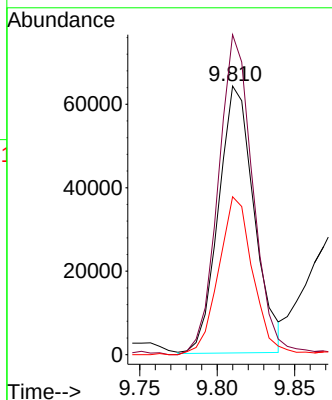
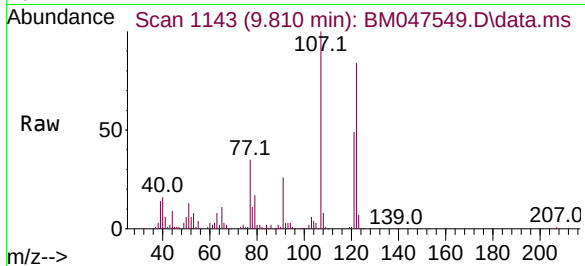




#27  
2,4-Dimethylphenol  
Concen: 6.184 ng  
RT: 9.810 min Scan# 1143  
Delta R.T. -0.006 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

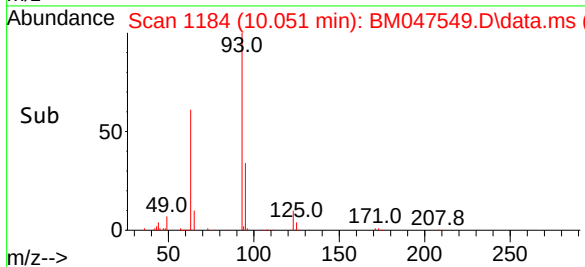
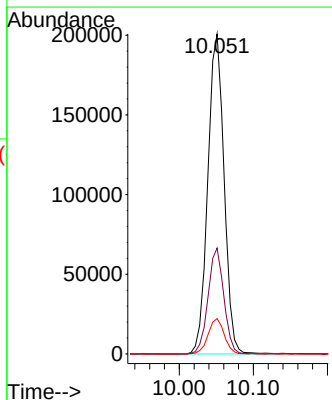
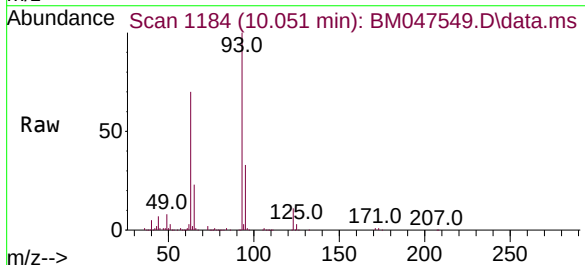
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024

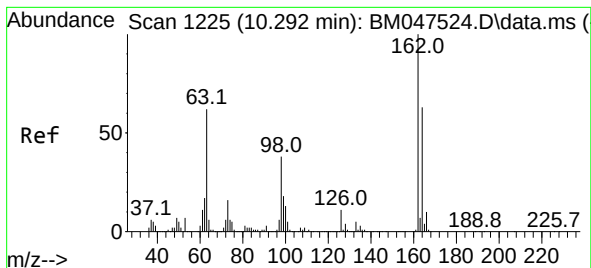
Tgt Ion:122 Resp: 102456  
Ion Ratio Lower Upper  
122 100  
107 119.1 92.4 138.6  
121 58.8 46.2 69.4



#28  
bis(2-Chloroethoxy)methane  
Concen: 8.875 ng  
RT: 10.051 min Scan# 1184  
Delta R.T. -0.006 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

Tgt Ion: 93 Resp: 305900  
Ion Ratio Lower Upper  
93 100  
95 33.1 26.2 39.2  
123 11.0 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 7.697 ng

RT: 10.286 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

Instrument :

BNA\_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

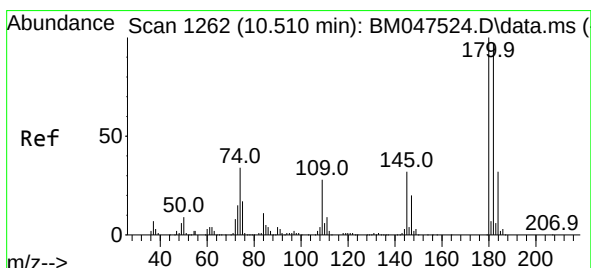
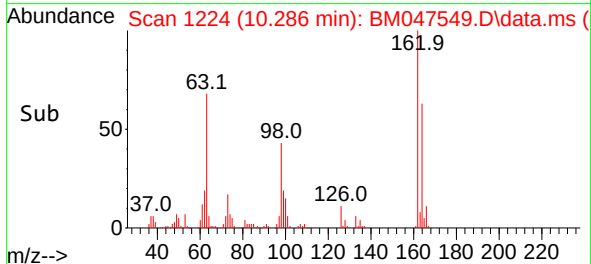
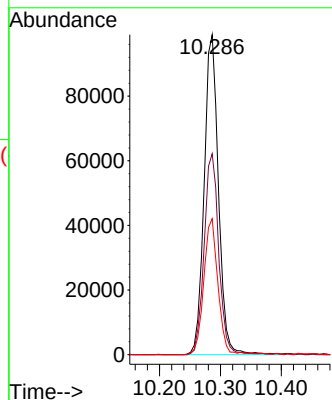
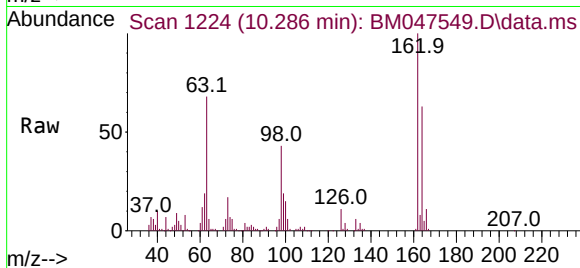
Tgt Ion:162 Resp: 162005

Ion Ratio Lower Upper

162 100

164 62.8 43.5 83.5

98 42.5 17.6 57.6



#30

1,2,4-Trichlorobenzene

Concen: 7.884 ng

RT: 10.504 min Scan# 1261

Delta R.T. -0.006 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

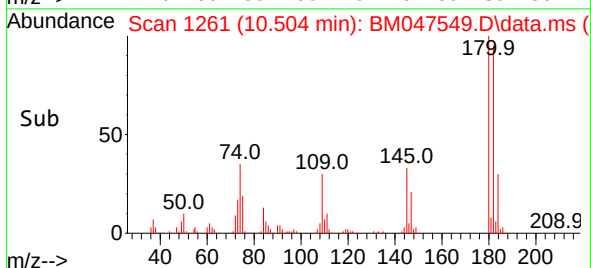
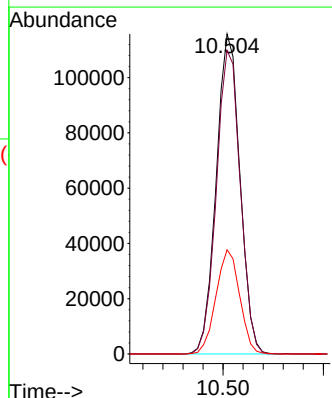
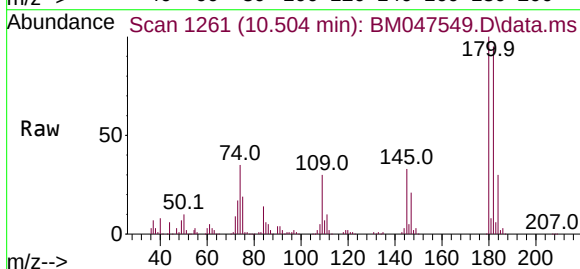
Tgt Ion:180 Resp: 190088

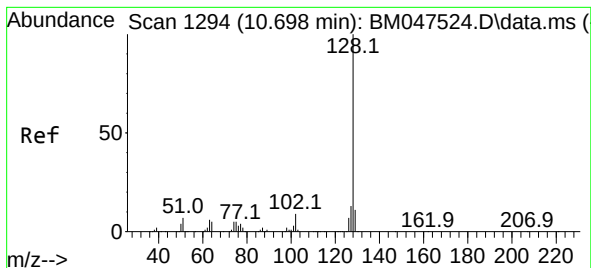
Ion Ratio Lower Upper

180 100

182 94.9 77.6 116.4

145 32.5 25.4 38.0





#31

Naphthalene

Concen: 8.248 ng

RT: 10.692 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

Instrument :

BNA\_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

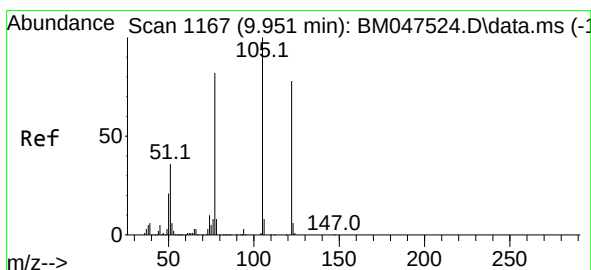
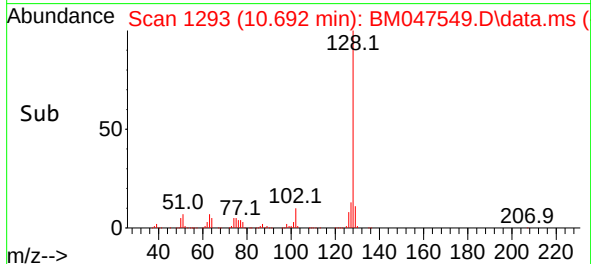
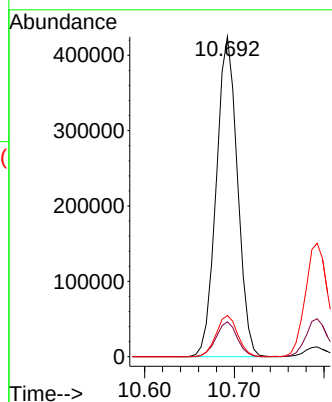
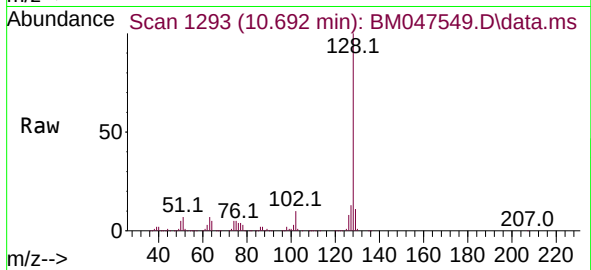
Tgt Ion:128 Resp: 695836

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

127 12.8 10.5 15.7



#32

Benzoic acid

Concen: 10.489 ng

RT: 9.880 min Scan# 1155

Delta R.T. -0.071 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

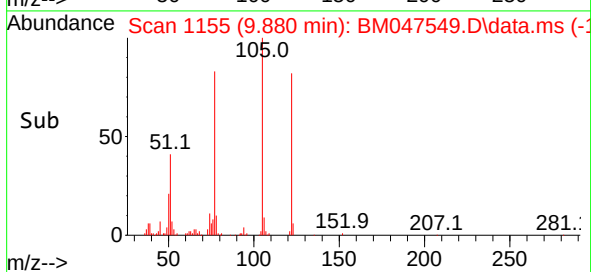
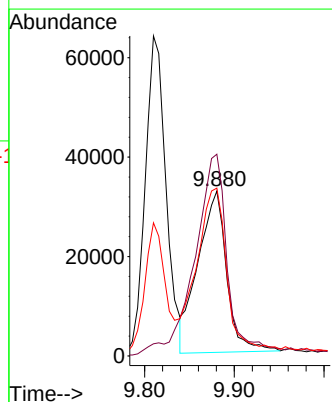
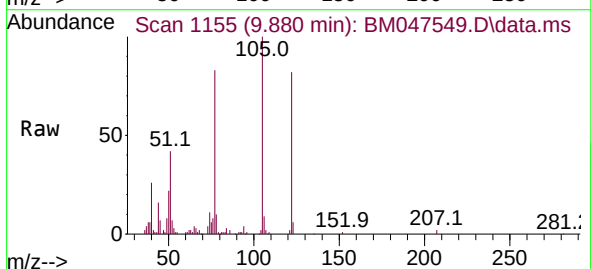
Tgt Ion:122 Resp: 71922

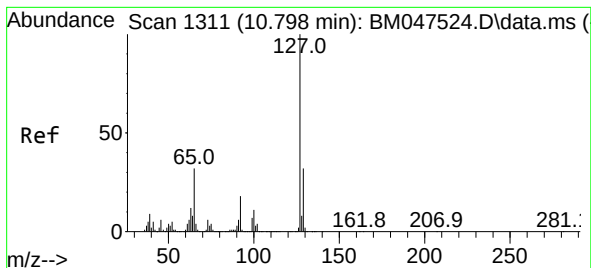
Ion Ratio Lower Upper

122 100

105 122.5 104.7 144.7

77 101.9 83.4 123.4





#33

4-Chloroaniline

Concen: 8.752 ng

RT: 10.792 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

Instrument :

BNA\_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

Tgt Ion:127 Resp: 266957

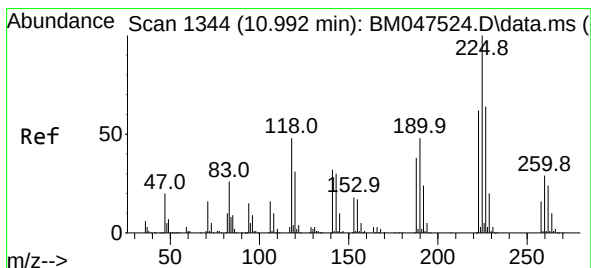
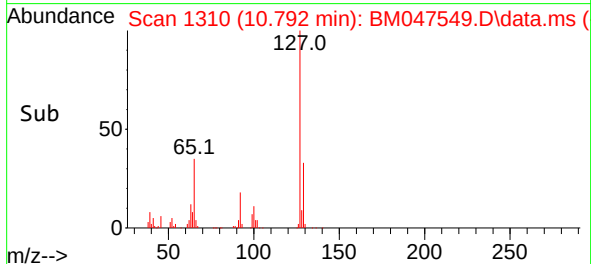
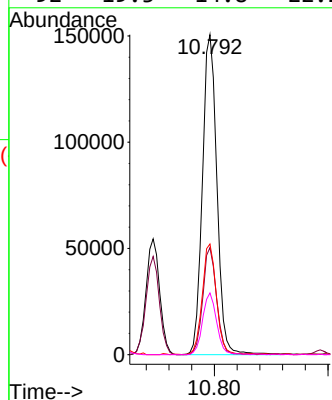
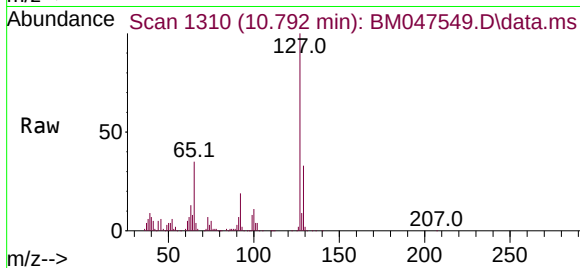
Ion Ratio Lower Upper

127 100

129 33.4 25.4 38.0

65 34.6 25.5 38.3

92 19.3 14.8 22.2



#34

Hexachlorobutadiene

Concen: 7.463 ng

RT: 10.986 min Scan# 1343

Delta R.T. -0.006 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

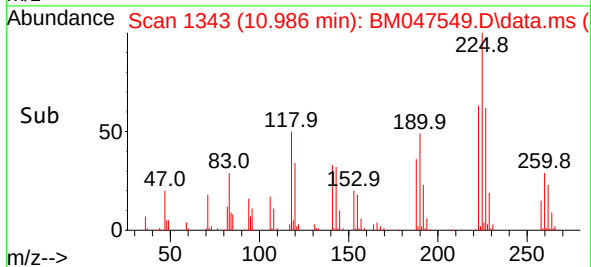
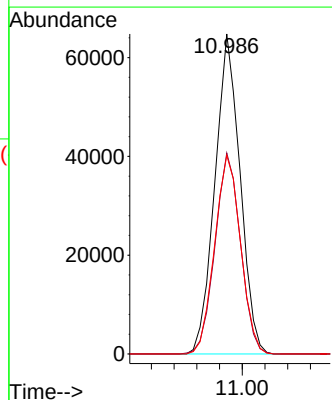
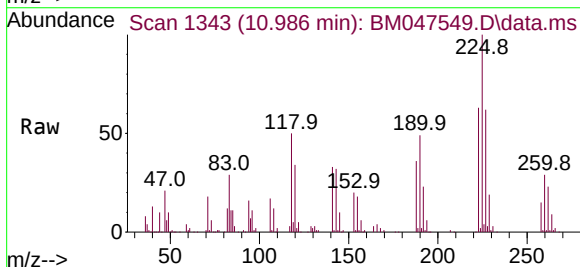
Tgt Ion:225 Resp: 99661

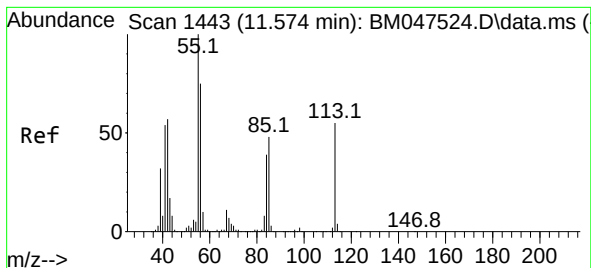
Ion Ratio Lower Upper

225 100

223 62.8 49.8 74.6

227 62.1 51.0 76.4





#35

Caprolactam

Concen: 7.715 ng

RT: 11.551 min Scan# 14

Delta R.T. -0.023 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

Instrument :

BNA\_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

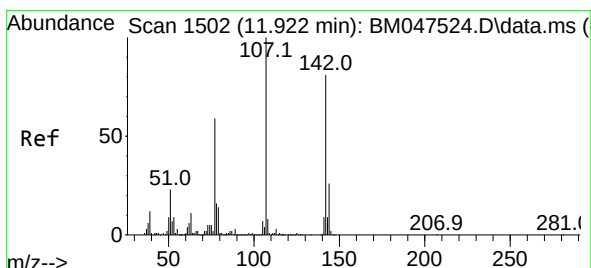
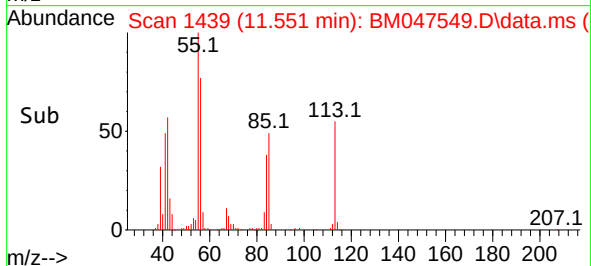
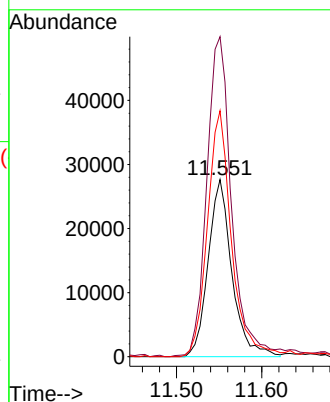
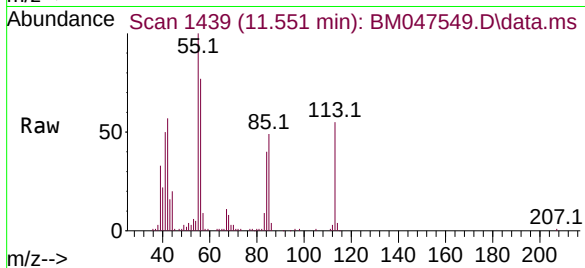
Tgt Ion:113 Resp: 53484

Ion Ratio Lower Upper

113 100

55 180.6 162.5 202.5

56 138.8 116.5 156.5



#36

4-Chloro-3-methylphenol

Concen: 7.841 ng

RT: 11.910 min Scan# 1500

Delta R.T. -0.012 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

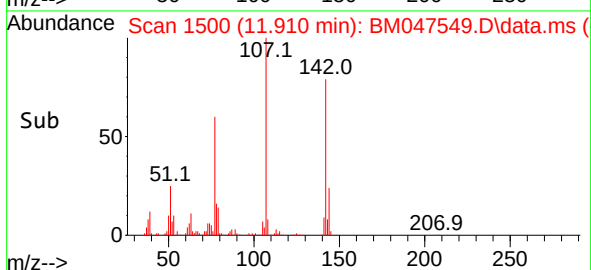
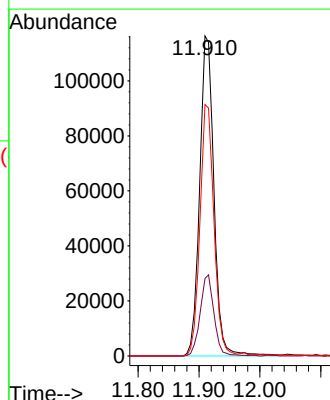
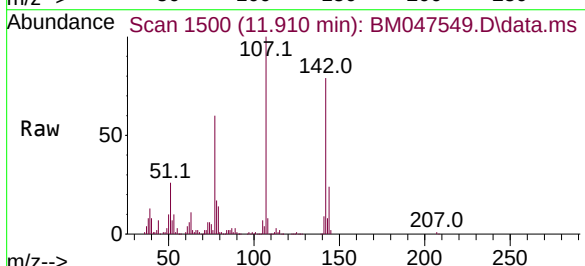
Tgt Ion:107 Resp: 189138

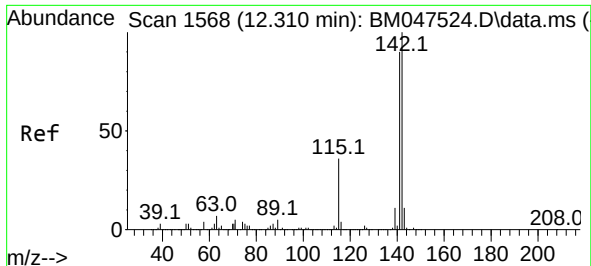
Ion Ratio Lower Upper

107 100

144 24.2 20.5 30.7

142 78.5 65.0 97.4

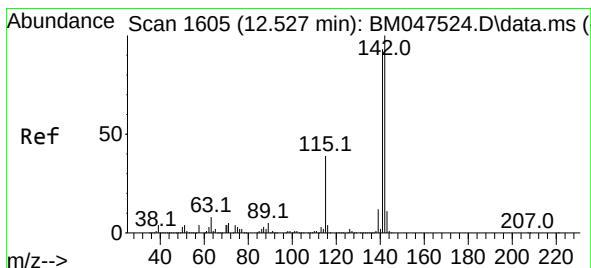
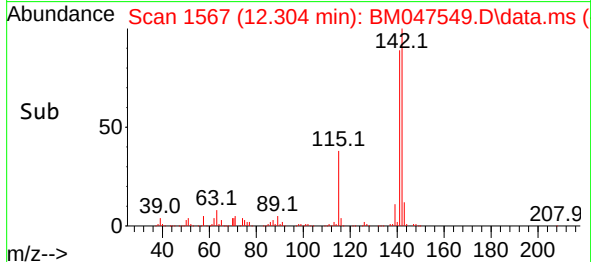
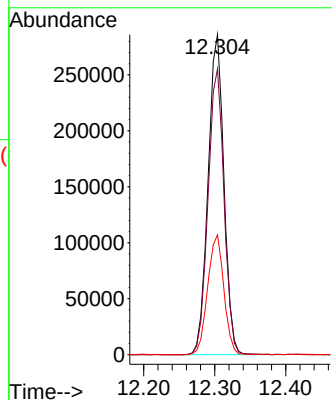
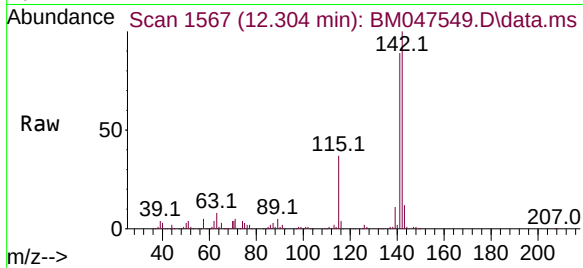




#37  
2-Methylnaphthalene  
Concen: 7.895 ng  
RT: 12.304 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

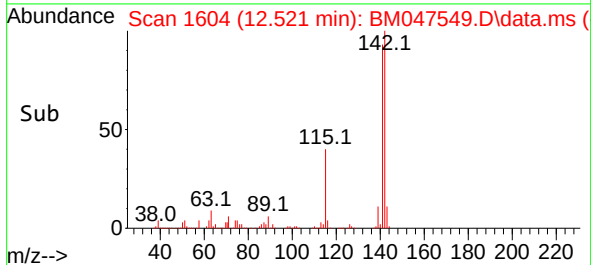
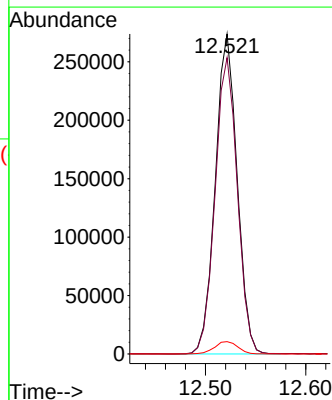
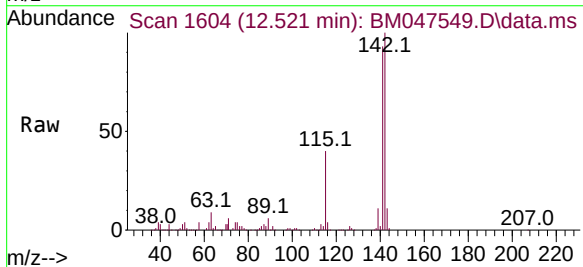
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024

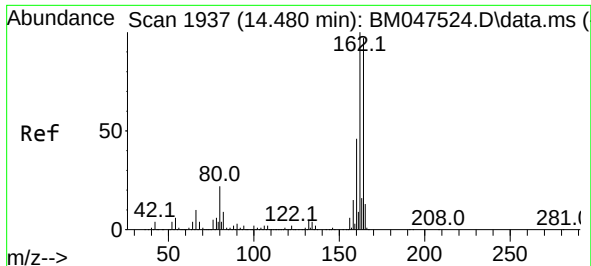
Tgt Ion:142 Resp: 443270  
Ion Ratio Lower Upper  
142 100  
141 89.3 72.2 108.4  
115 37.5 29.1 43.7



#38  
1-Methylnaphthalene  
Concen: 7.423 ng  
RT: 12.521 min Scan# 1604  
Delta R.T. -0.006 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

Tgt Ion:142 Resp: 414199  
Ion Ratio Lower Upper  
142 100  
141 92.6 74.7 112.1  
116 3.8 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.474 min Scan# 1937

Delta R.T. -0.006 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

Instrument :

BNA\_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

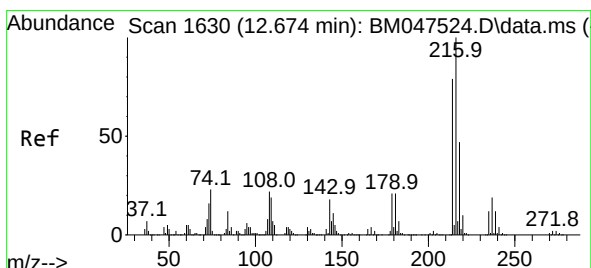
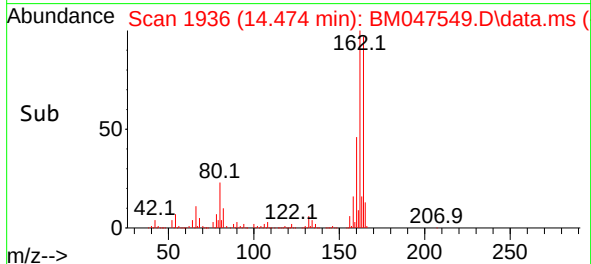
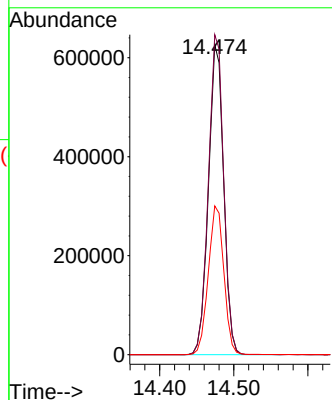
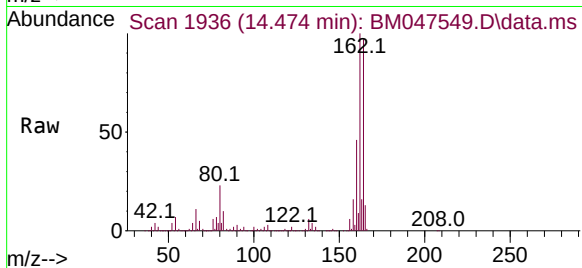
Tgt Ion:164 Resp: 892295

Ion Ratio Lower Upper

164 100

162 103.3 82.2 123.2

160 48.0 38.2 57.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 7.981 ng

RT: 12.669 min Scan# 1629

Delta R.T. -0.006 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

Tgt Ion:216 Resp: 192703

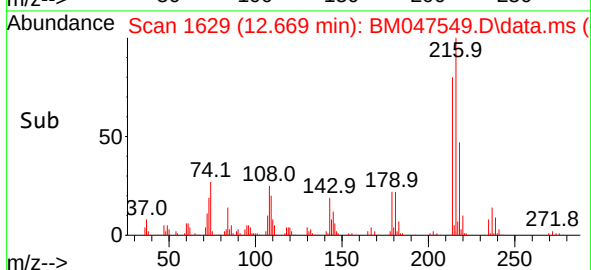
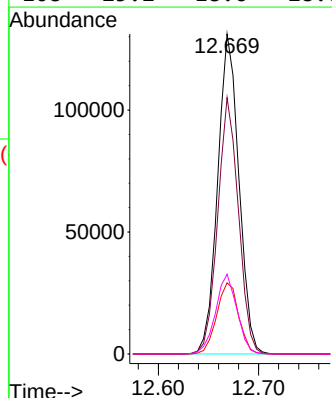
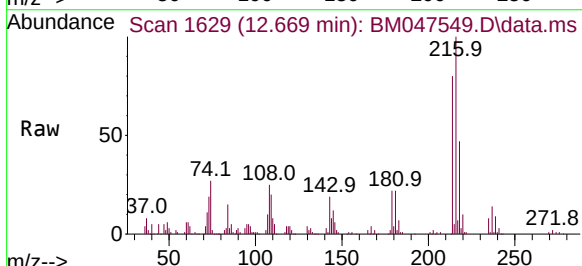
Ion Ratio Lower Upper

216 100

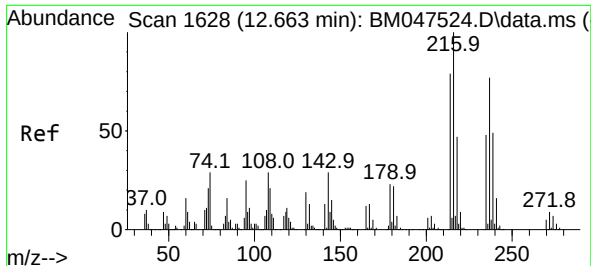
214 78.0 63.0 94.6

179 23.0 17.5 26.3

108 25.2 18.6 28.0



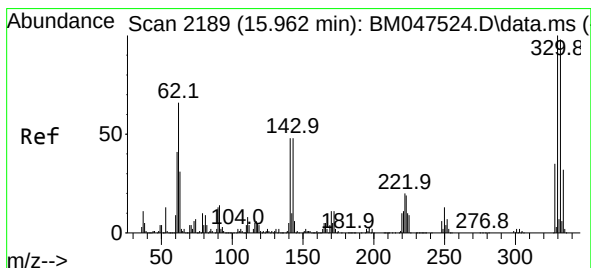
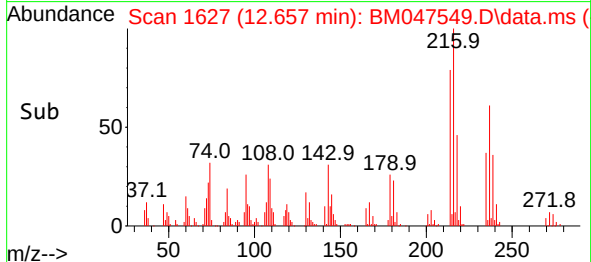
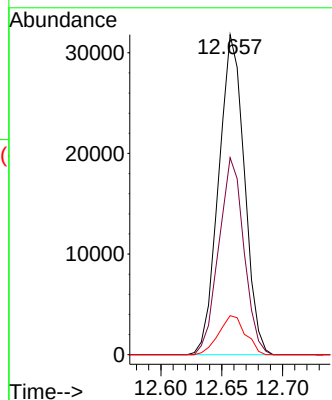
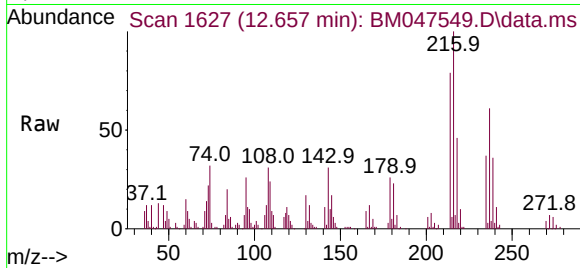




#41  
Hexachlorocyclopentadiene  
Concen: 5.919 ng  
RT: 12.657 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

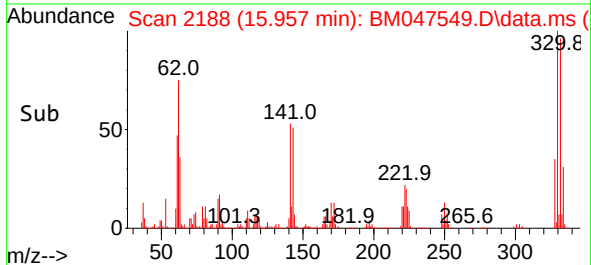
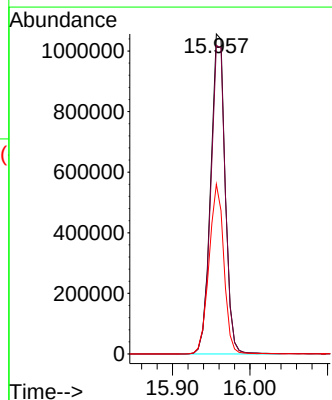
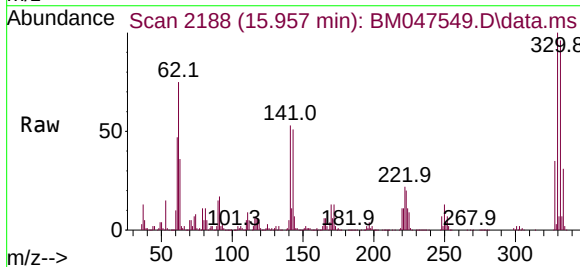
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024

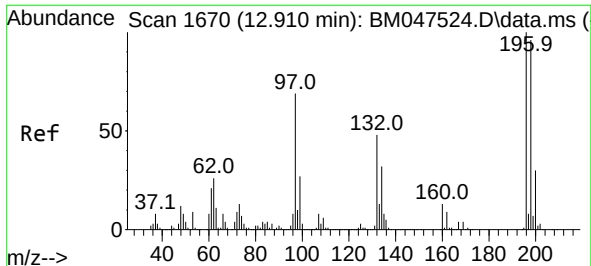
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:237 | Resp: | 46720     |
| Ion Ratio   | Lower | Upper     |
| 237         | 100   |           |
| 235         | 61.5  | 42.0 82.0 |
| 272         | 12.2  | 0.0 31.5  |



#42  
2,4,6-Tribromophenol  
Concen: 159.392 ng  
RT: 15.957 min Scan# 2188  
Delta R.T. -0.006 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:330 | Resp: | 1374727    |
| Ion Ratio   | Lower | Upper      |
| 330         | 100   |            |
| 332         | 97.0  | 76.9 115.3 |
| 141         | 54.3  | 42.2 63.2  |





#43

2,4,6-Trichlorophenol

Concen: 7.271 ng

RT: 12.904 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

Instrument :

BNA\_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

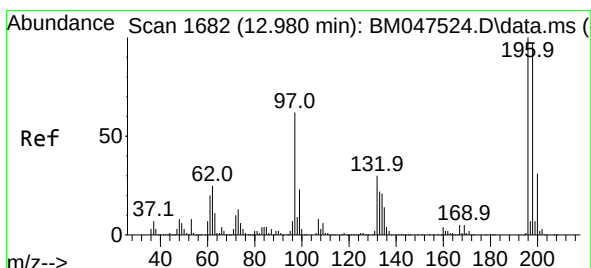
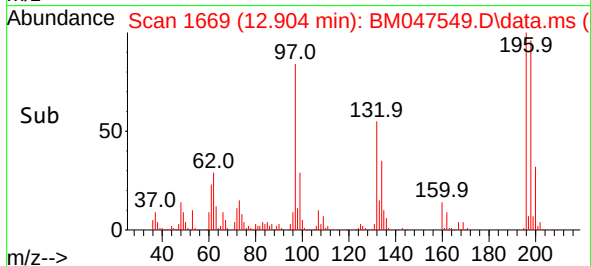
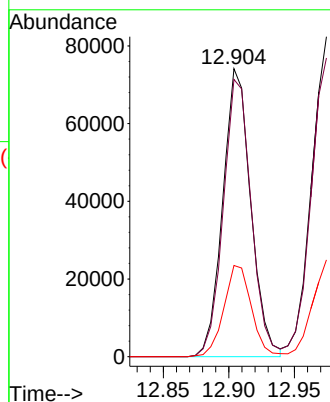
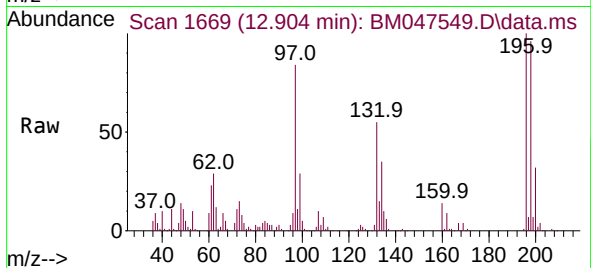
Tgt Ion:196 Resp: 109982

Ion Ratio Lower Upper

196 100

198 96.3 76.9 115.3

200 31.7 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 7.272 ng

RT: 12.974 min Scan# 1681

Delta R.T. -0.006 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

Tgt Ion:196 Resp: 124241

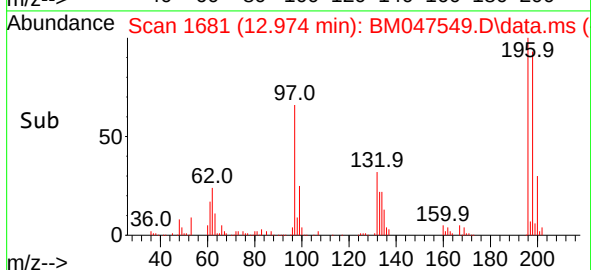
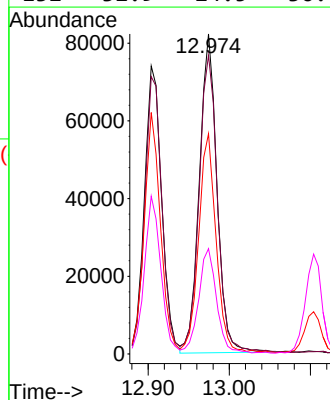
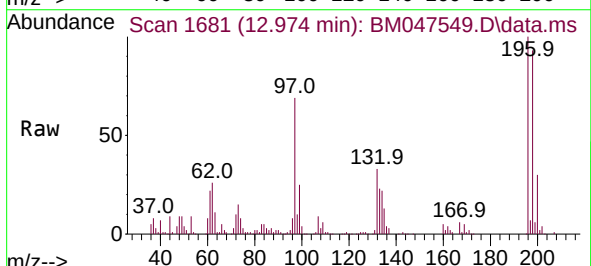
Ion Ratio Lower Upper

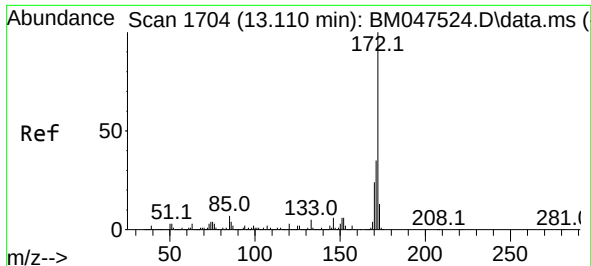
196 100

198 93.4 77.4 116.2

97 68.8 49.8 74.8

132 32.9 24.5 36.7

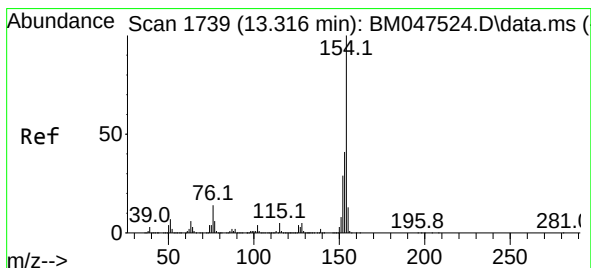
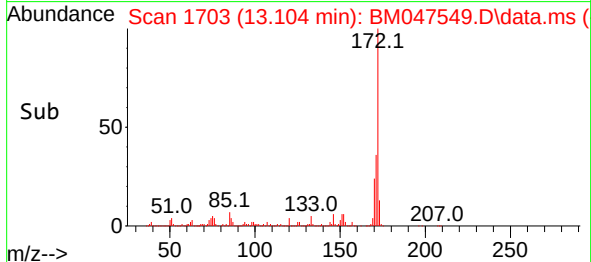
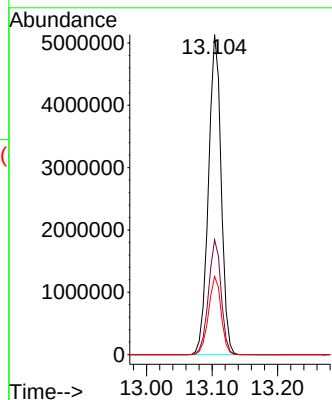
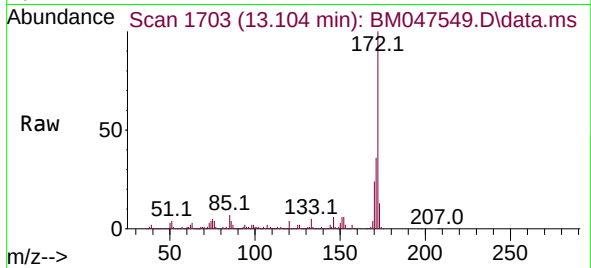




#45  
2-Fluorobiphenyl  
Concen: 106.679 ng  
RT: 13.104 min Scan# 1703  
Delta R.T. -0.006 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

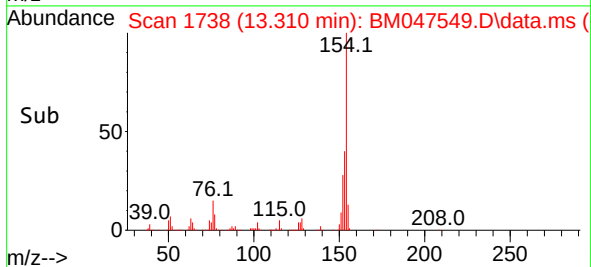
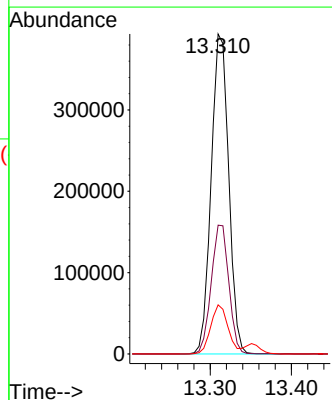
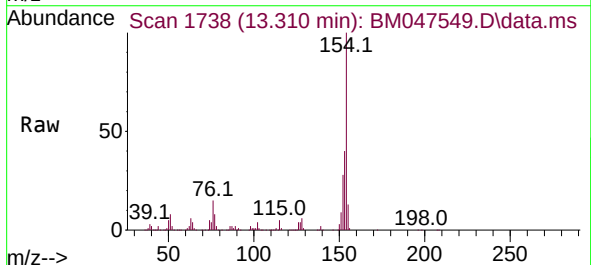
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024

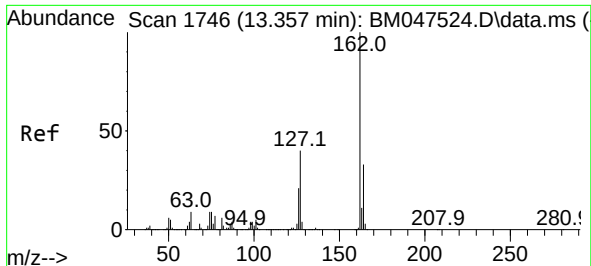
Tgt Ion:172 Resp: 6910141  
Ion Ratio Lower Upper  
172 100  
171 35.9 28.2 42.2  
170 24.5 19.4 29.0



#46  
1,1'-Biphenyl  
Concen: 8.481 ng  
RT: 13.310 min Scan# 1738  
Delta R.T. -0.006 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

Tgt Ion:154 Resp: 588804  
Ion Ratio Lower Upper  
154 100  
153 40.3 20.6 60.6  
76 15.4 0.0 33.9

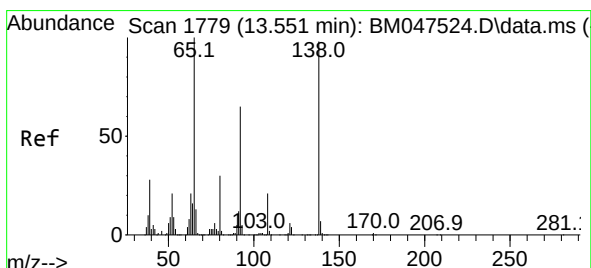
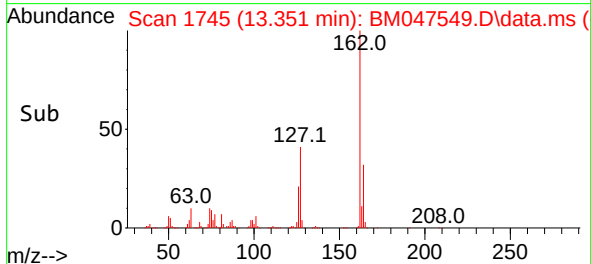
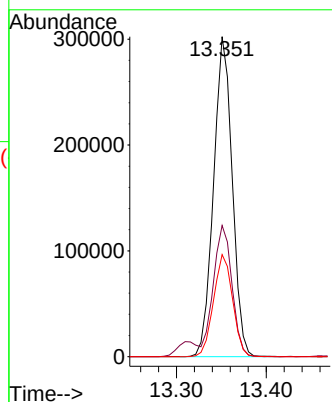
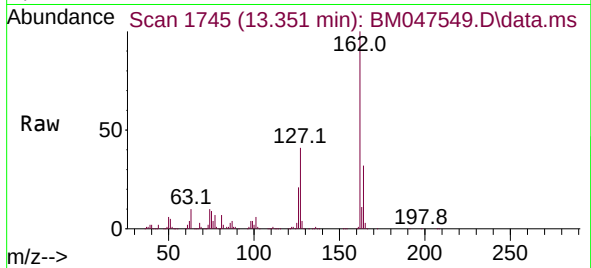




#47  
2-Chloronaphthalene  
Concen: 8.102 ng  
RT: 13.351 min Scan# 1745  
Delta R.T. -0.006 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

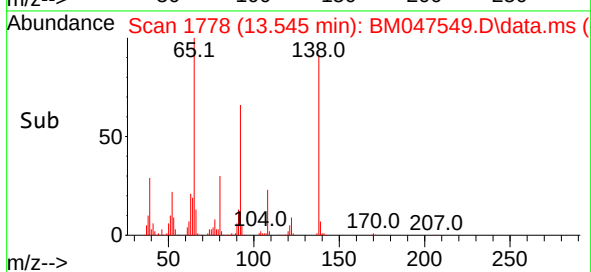
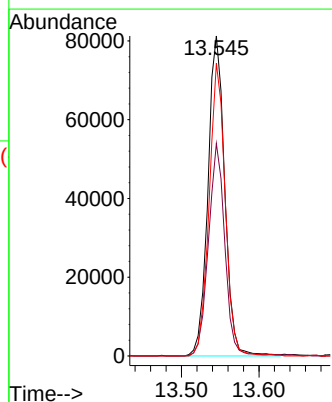
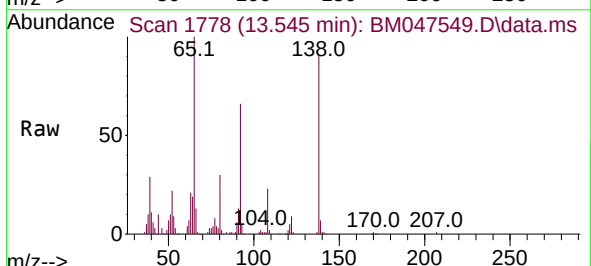
Instrument : BNA\_M  
ClientSampleId : LOD-MDL-WATER-01-QT2-2024

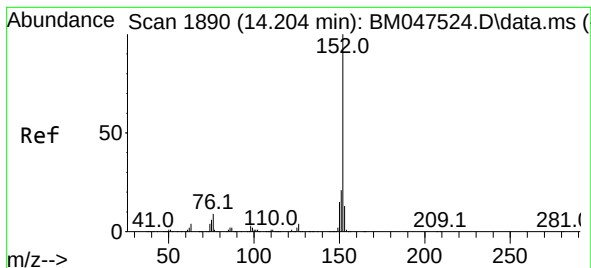
Tgt Ion:162 Resp: 436775  
Ion Ratio Lower Upper  
162 100  
127 41.0 32.2 48.4  
164 31.9 26.3 39.5



#48  
2-Nitroaniline  
Concen: 7.727 ng  
RT: 13.545 min Scan# 1778  
Delta R.T. -0.006 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

Tgt Ion: 65 Resp: 122352  
Ion Ratio Lower Upper  
65 100  
92 66.4 51.9 77.9  
138 91.4 78.5 117.7





#49

Acenaphthylene

Concen: 8.817 ng

RT: 14.198 min Scan# 1889

Delta R.T. -0.006 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

Instrument :

BNA\_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

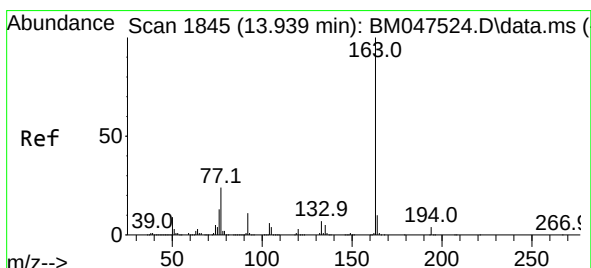
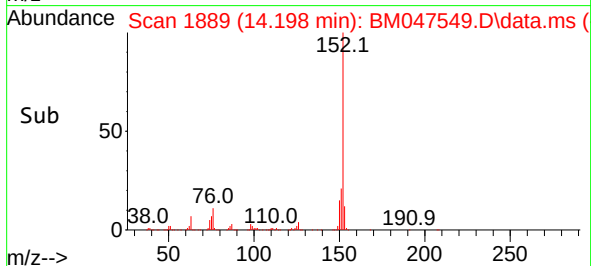
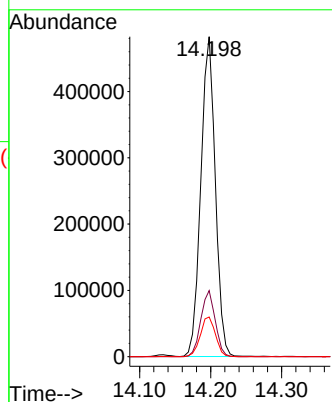
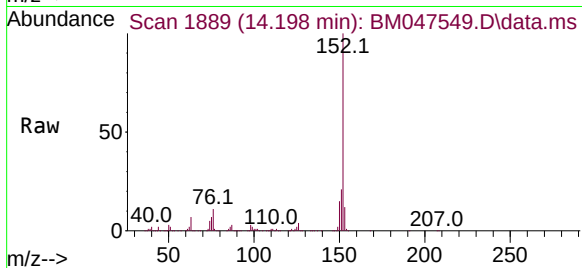
Tgt Ion:152 Resp: 685920

Ion Ratio Lower Upper

152 100

151 20.6 16.5 24.7

153 12.4 10.4 15.6



#50

Dimethylphthalate

Concen: 8.435 ng

RT: 13.933 min Scan# 1844

Delta R.T. -0.006 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

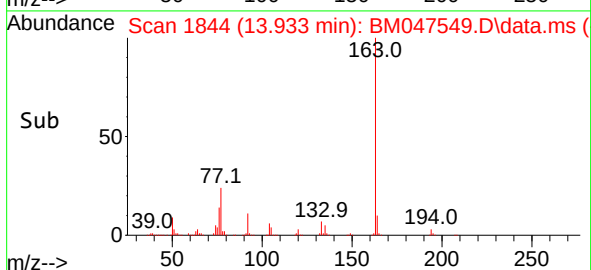
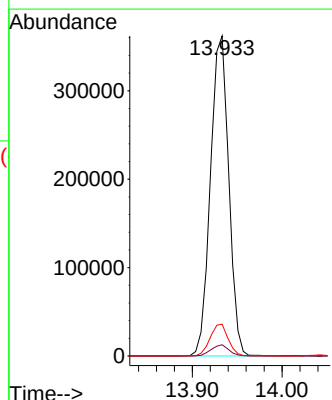
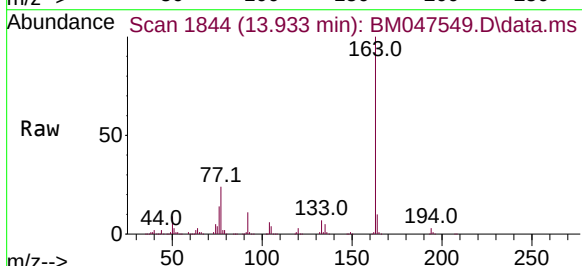
Tgt Ion:163 Resp: 512965

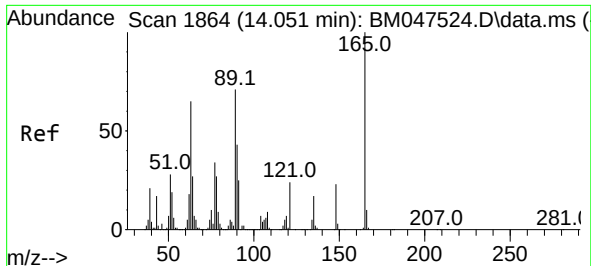
Ion Ratio Lower Upper

163 100

194 3.5 2.9 4.3

164 10.0 7.9 11.9

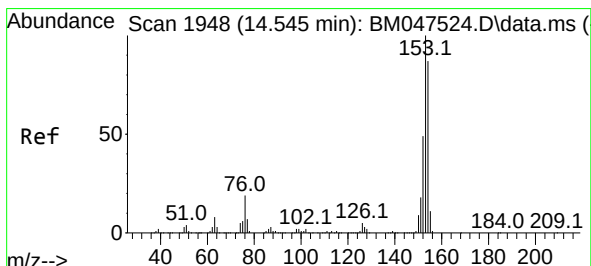
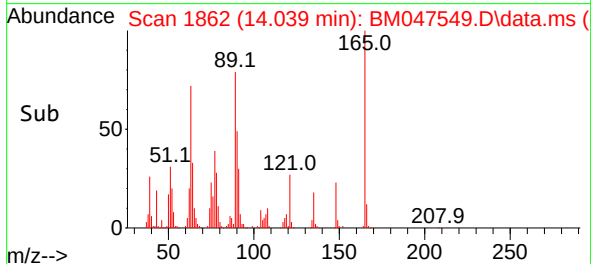
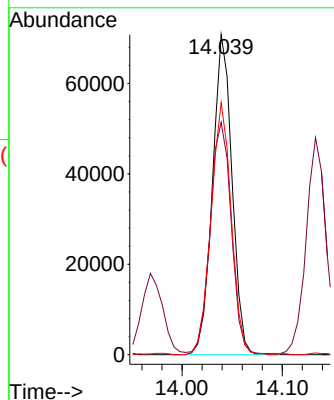
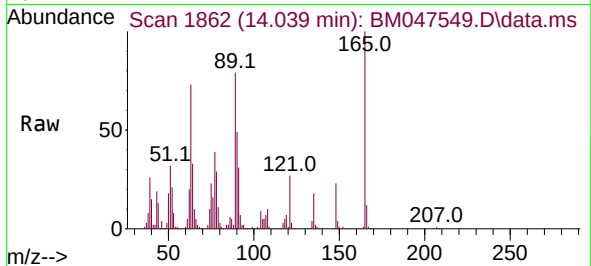




#51  
2,6-Dinitrotoluene  
Concen: 7.453 ng  
RT: 14.039 min Scan# 1862  
Delta R.T. -0.012 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

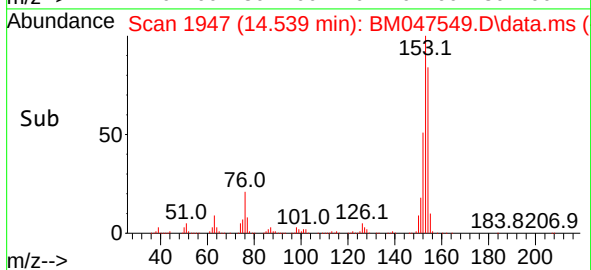
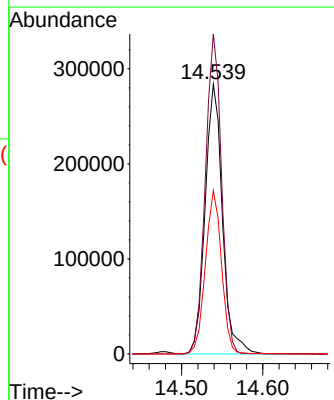
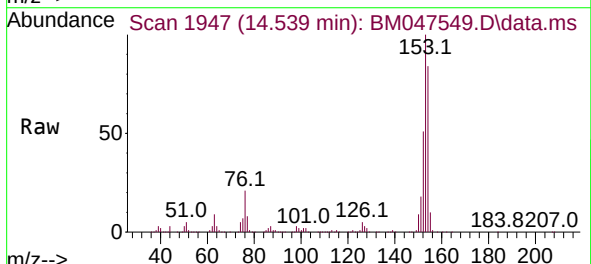
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024

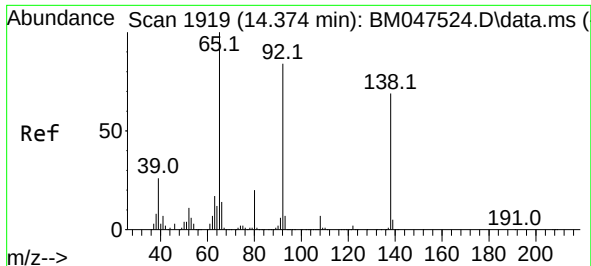
Tgt Ion:165 Resp: 95682  
Ion Ratio Lower Upper  
165 100  
63 72.6 54.2 81.2  
89 78.8 56.4 84.6



#52  
Acenaphthene  
Concen: 7.696 ng  
RT: 14.539 min Scan# 1947  
Delta R.T. -0.006 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

Tgt Ion:154 Resp: 419499  
Ion Ratio Lower Upper  
154 100  
153 118.6 92.2 138.2  
152 60.5 45.4 68.0

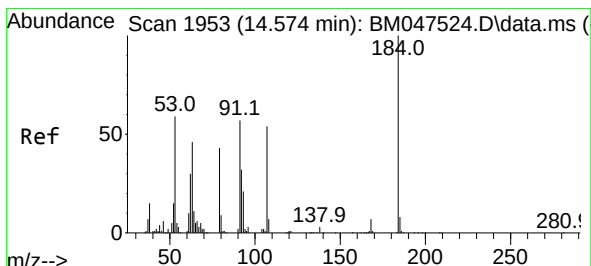
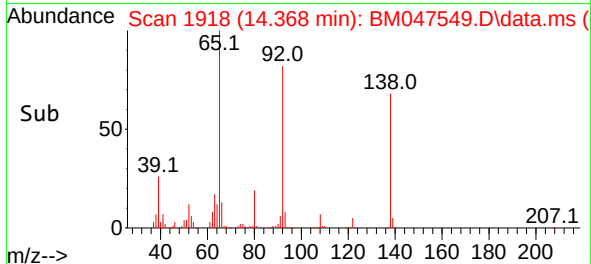
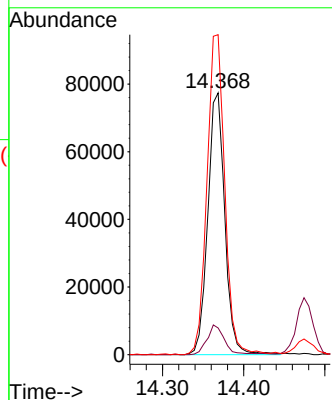
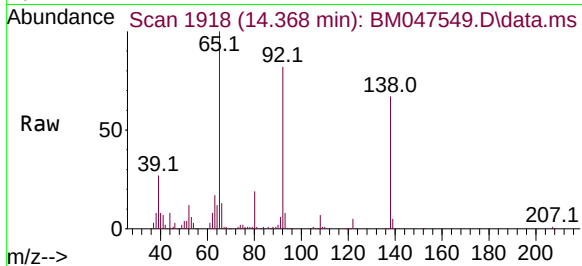




#53  
3-Nitroaniline  
Concen: 7.891 ng  
RT: 14.368 min Scan# 1918  
Delta R.T. -0.006 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

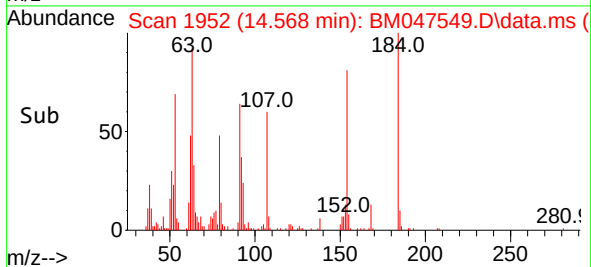
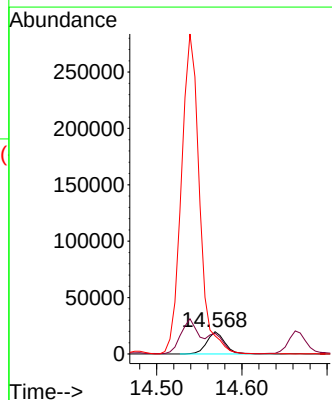
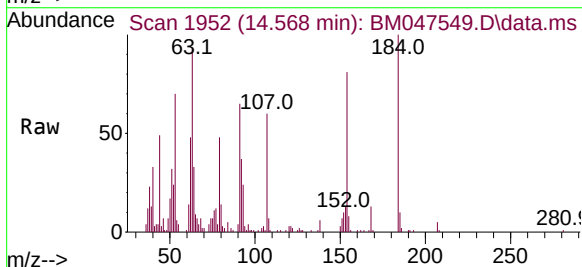
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024

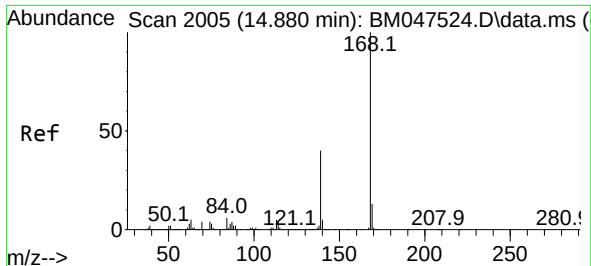
Tgt Ion:138 Resp: 112600  
Ion Ratio Lower Upper  
138 100  
108 10.2 8.0 12.0  
92 122.3 97.4 146.0



#54  
2,4-Dinitrophenol  
Concen: 8.530 ng  
RT: 14.568 min Scan# 1952  
Delta R.T. -0.006 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

Tgt Ion:184 Resp: 28855  
Ion Ratio Lower Upper  
184 100  
63 92.7 69.4 104.0  
154 81.3 60.4 90.6

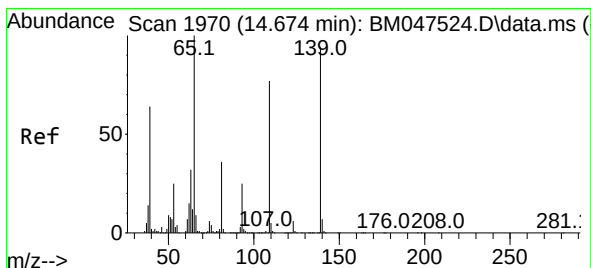
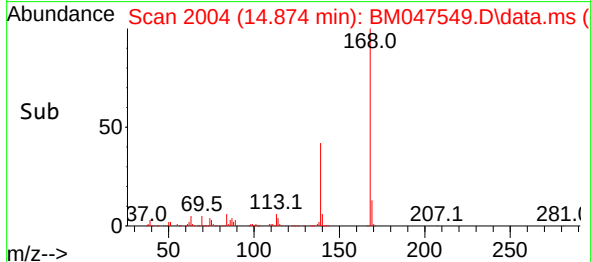
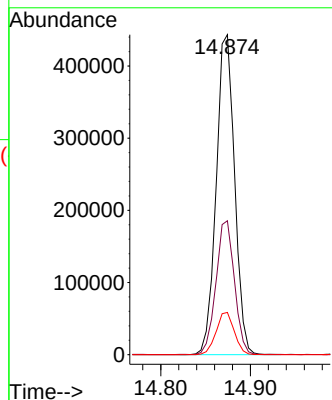
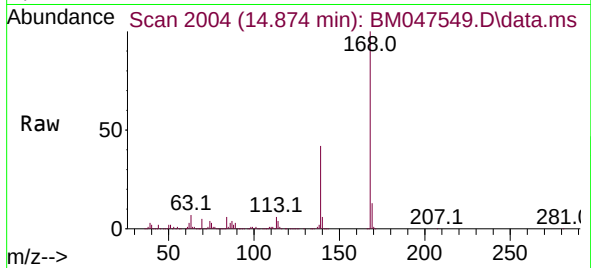




#55  
Dibenzofuran  
Concen: 8.239 ng  
RT: 14.874 min Scan# 2005  
Delta R.T. -0.006 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

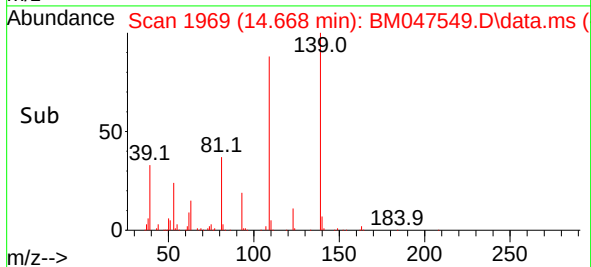
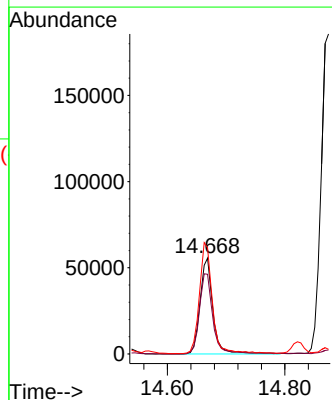
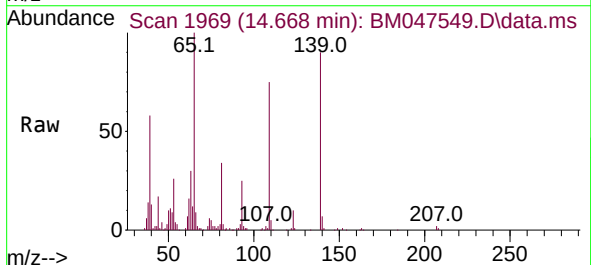
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:168 Resp: 631092  
Ion Ratio Lower Upper  
168 100  
139 41.9 31.9 47.9  
169 13.2 10.5 15.7

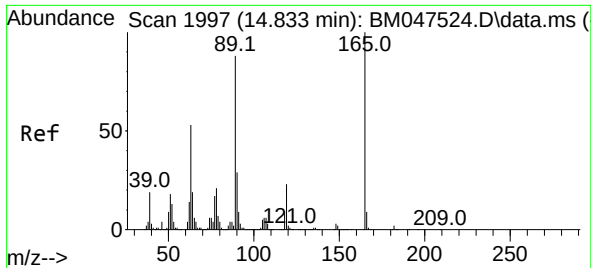


#56  
4-Nitrophenol  
Concen: 7.192 ng  
RT: 14.668 min Scan# 1969  
Delta R.T. -0.006 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

Tgt Ion:139 Resp: 84450  
Ion Ratio Lower Upper  
139 100  
109 83.2 62.0 102.0  
65 110.7 87.0 127.0



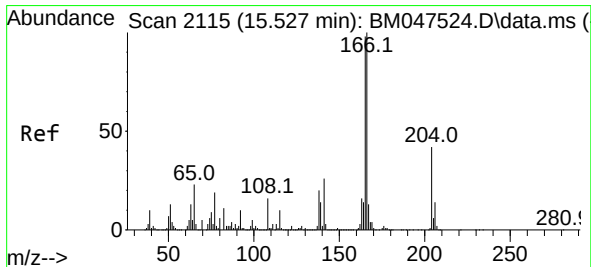
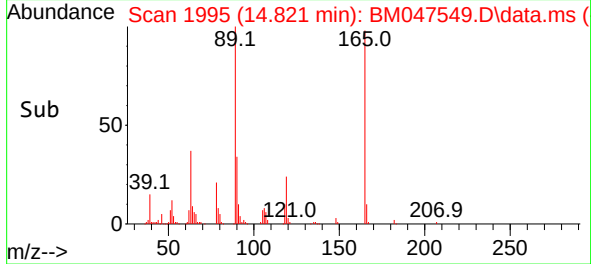
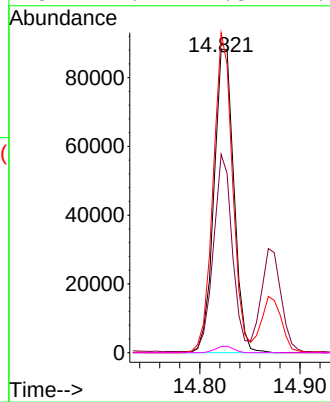
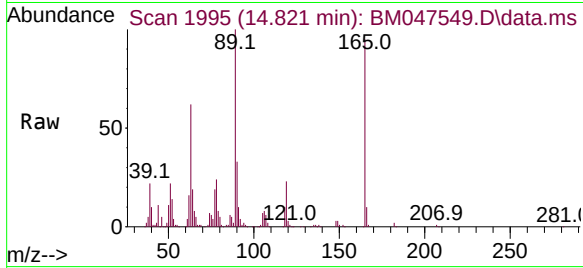




#57  
2,4-Dinitrotoluene  
Concen: 7.115 ng  
RT: 14.821 min Scan# 1995  
Delta R.T. -0.012 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

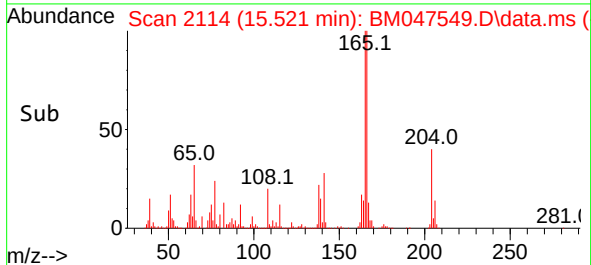
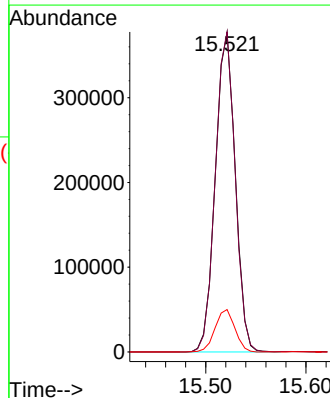
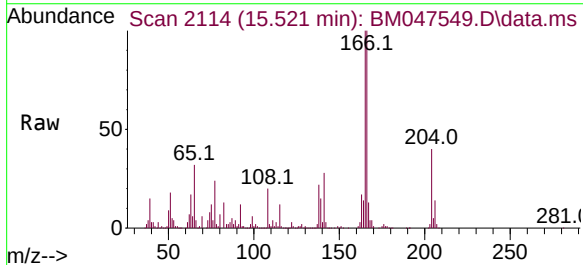
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024

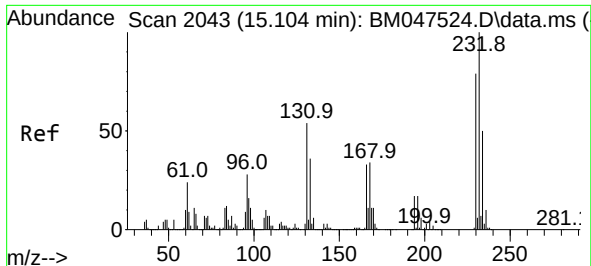
Tgt Ion:165 Resp: 121832  
Ion Ratio Lower Upper  
165 100  
63 65.3 42.4 63.6#  
89 105.4 70.5 105.7  
182 2.1 1.8 2.6



#58  
Fluorene  
Concen: 7.532 ng  
RT: 15.521 min Scan# 2114  
Delta R.T. -0.006 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

Tgt Ion:166 Resp: 519424  
Ion Ratio Lower Upper  
166 100  
165 100.1 78.6 117.8  
167 13.3 10.7 16.1

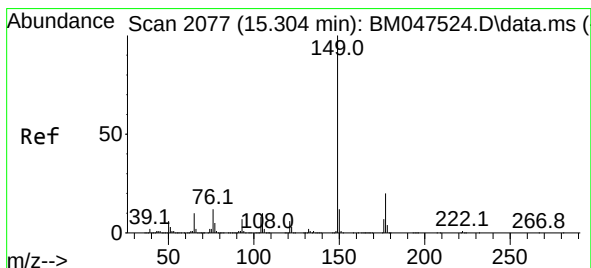
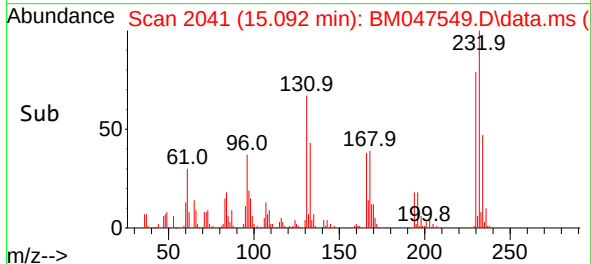
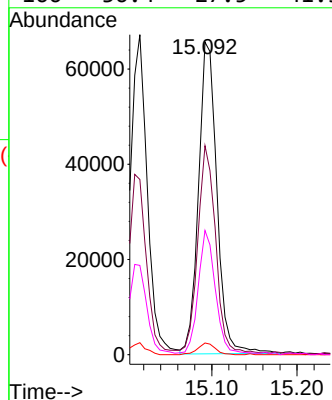
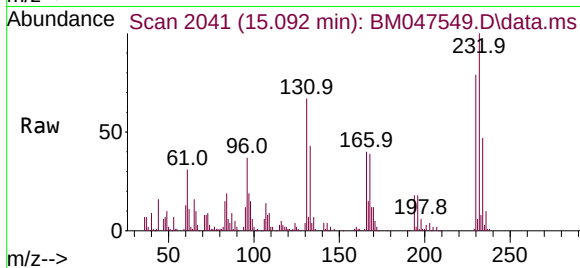




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 7.399 ng  
RT: 15.092 min Scan# 2041  
Delta R.T. -0.012 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

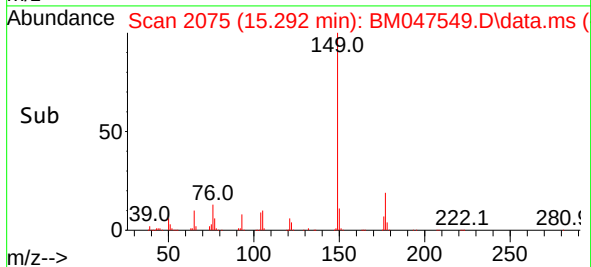
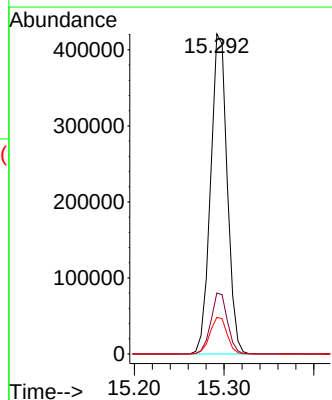
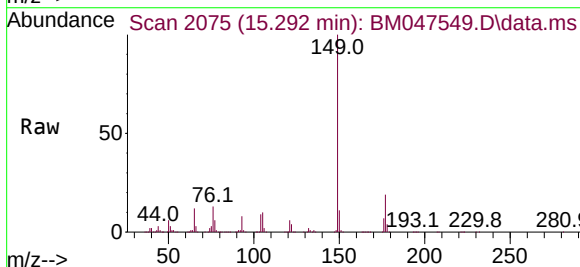
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024

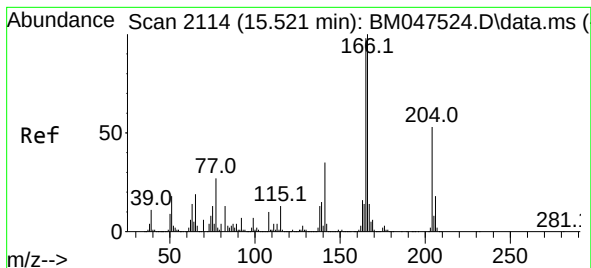
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 232   | Resp: | 98564 |
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 64.6  | 47.0  | 70.4  |
| 130       | 3.6   | 2.6   | 3.8   |
| 166       | 36.4  | 27.5  | 41.3  |



#60  
Diethylphthalate  
Concen: 8.360 ng  
RT: 15.292 min Scan# 2075  
Delta R.T. -0.012 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 541108 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 19.0  | 15.8  | 23.8   |
| 150       | 11.5  | 9.7   | 14.5   |

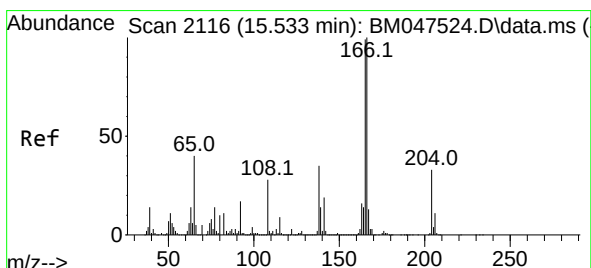
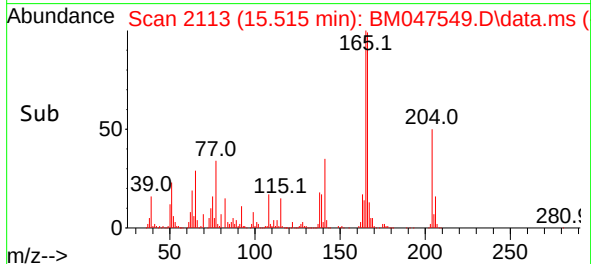
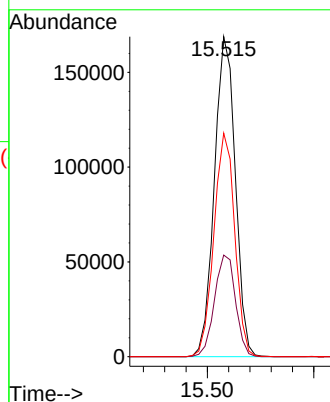
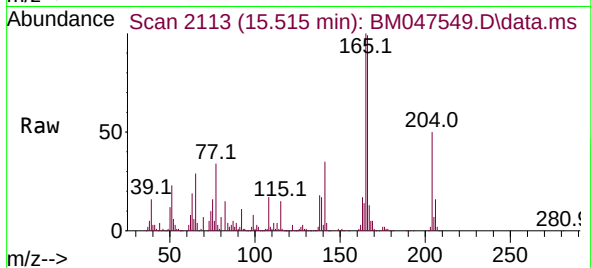




#61  
4-Chlorophenyl-phenylether  
Concen: 7.292 ng  
RT: 15.515 min Scan# 2113  
Delta R.T. -0.006 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

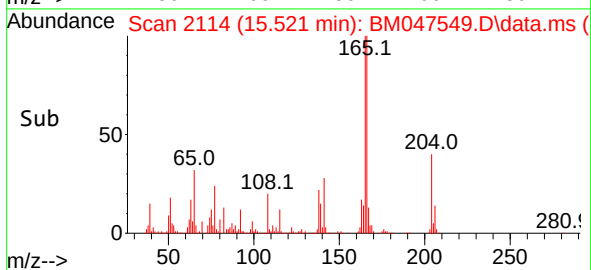
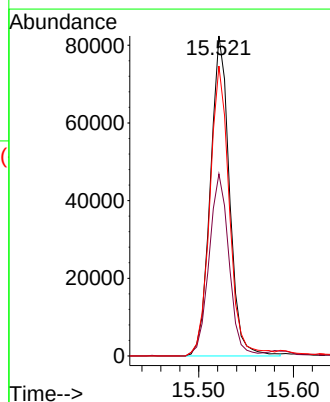
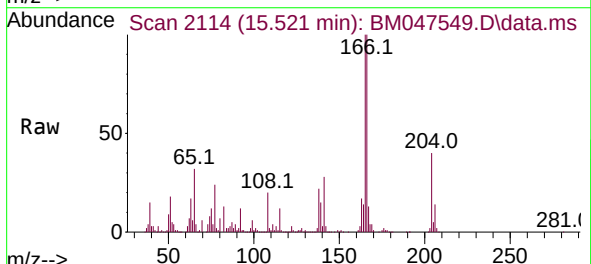
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024

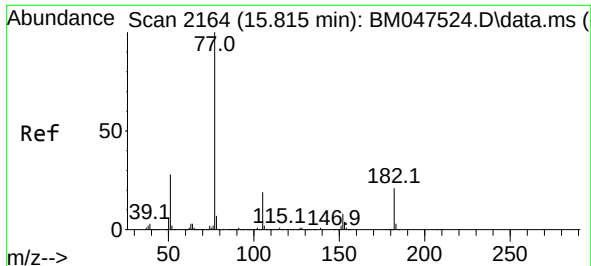
Tgt Ion:204 Resp: 229924  
Ion Ratio Lower Upper  
204 100  
206 31.8 26.5 39.7  
141 69.8 52.1 78.1



#62  
4-Nitroaniline  
Concen: 6.875 ng  
RT: 15.521 min Scan# 2114  
Delta R.T. -0.012 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

Tgt Ion:138 Resp: 115321  
Ion Ratio Lower Upper  
138 100  
92 56.9 30.0 70.0  
108 90.6 61.7 101.7

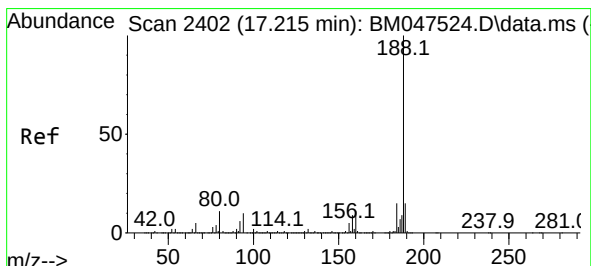
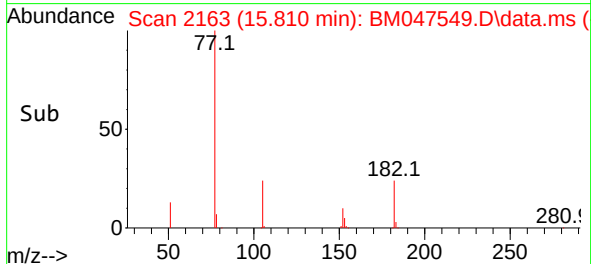
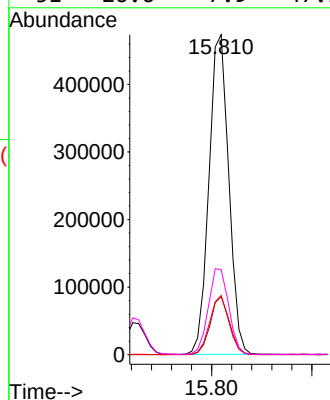
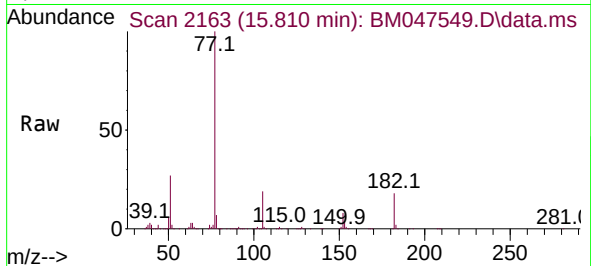




#63  
Azobenzene  
Concen: 9.129 ng  
RT: 15.810 min Scan# 2164  
Delta R.T. -0.006 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

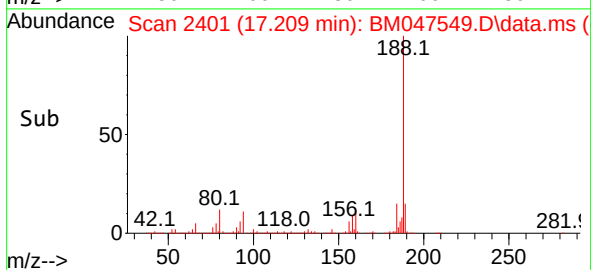
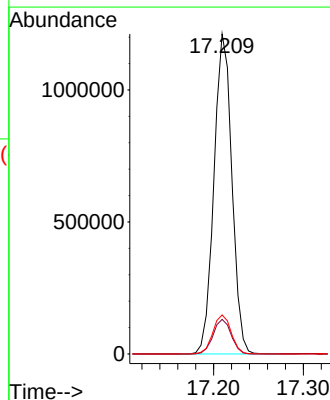
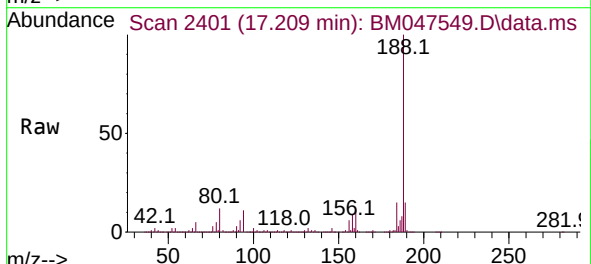
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024

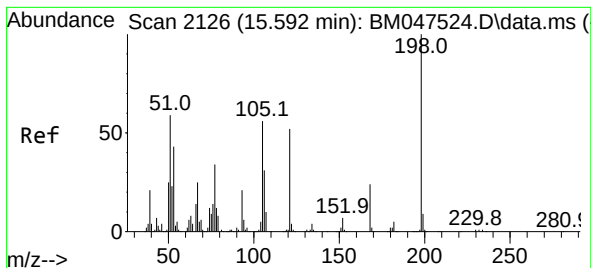
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 650598 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 18.2    | 1.2 41.2     |
| 105 18.5    | 0.0 39.4     |
| 51 26.6     | 7.9 47.9     |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.209 min Scan# 2401  
Delta R.T. -0.006 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

|              |               |
|--------------|---------------|
| Tgt Ion: 188 | Resp: 1681694 |
| Ion Ratio    | Lower Upper   |
| 188 100      |               |
| 94 10.8      | 8.4 12.6      |
| 80 12.2      | 9.1 13.7      |

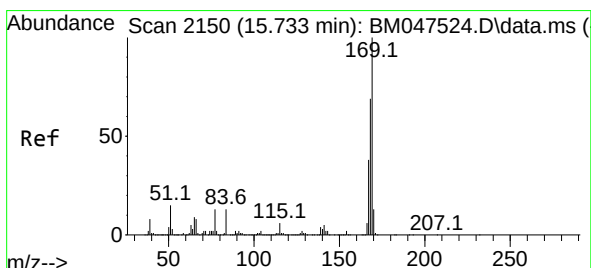
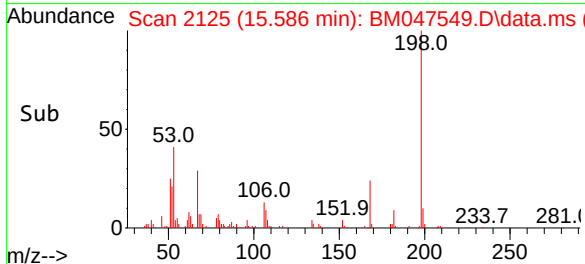
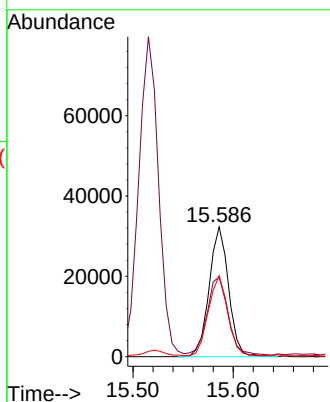
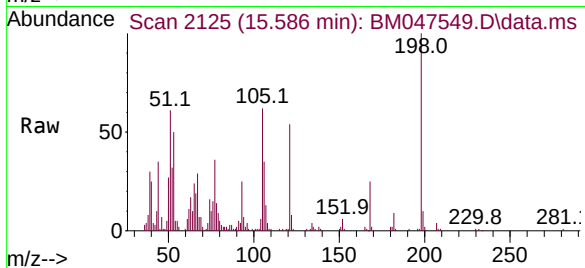




#65  
4,6-Dinitro-2-methylphenol  
Concen: 11.495 ng  
RT: 15.586 min Scan# 2119  
Delta R.T. -0.006 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

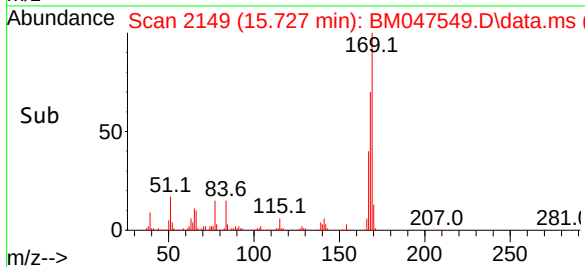
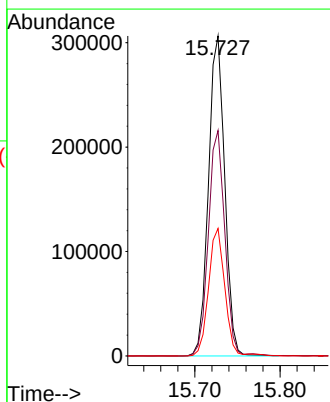
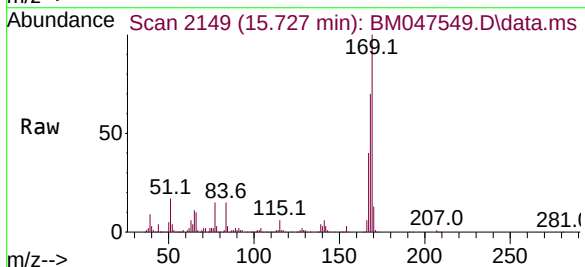
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024

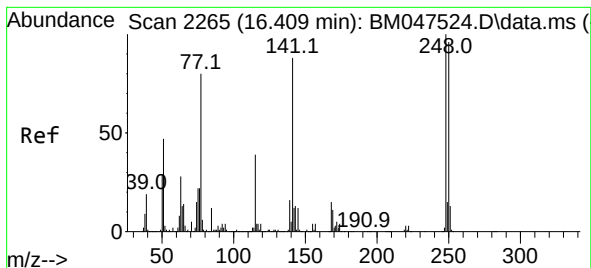
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 61.4  | 41.5  | 81.5  |
| 105     | 62.4  | 36.4  | 76.4  |



#66  
n-Nitrosodiphenylamine  
Concen: 7.890 ng  
RT: 15.727 min Scan# 2149  
Delta R.T. -0.006 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 70.4  | 55.3  | 82.9  |
| 167     | 39.8  | 30.5  | 45.7  |

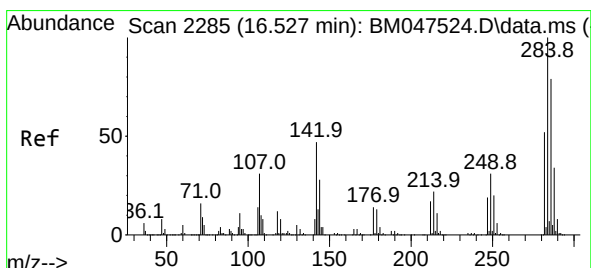
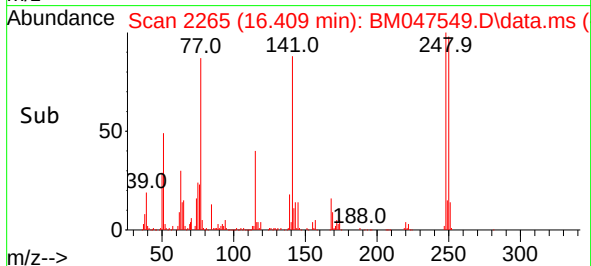
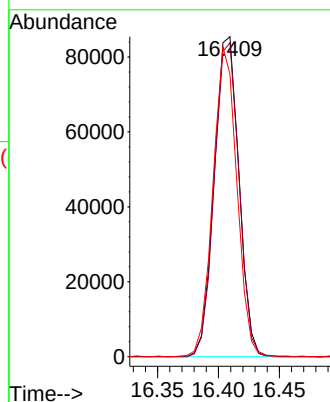
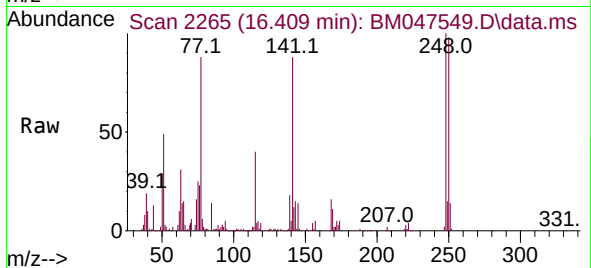




#67  
4-Bromophenyl-phenylether  
Concen: 7.384 ng  
RT: 16.409 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

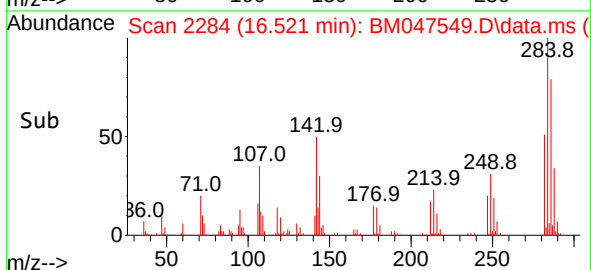
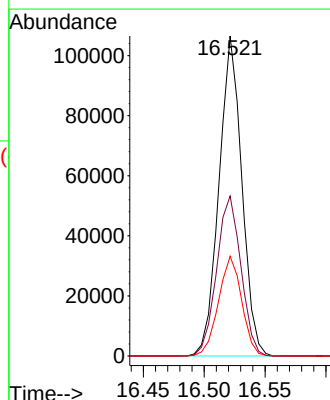
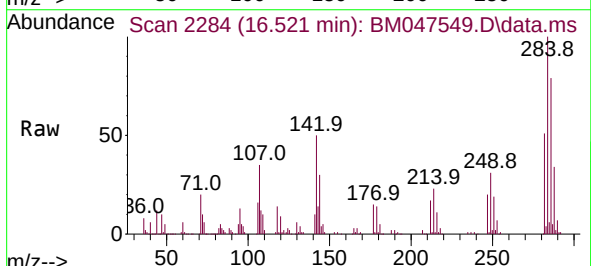
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024

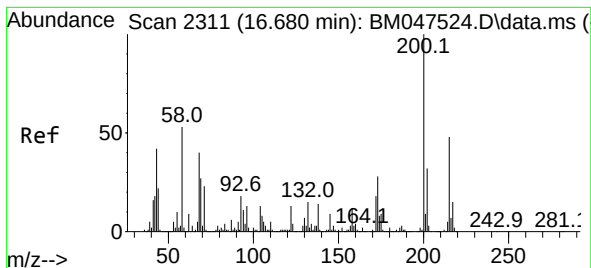
Tgt Ion:248 Resp: 120662  
Ion Ratio Lower Upper  
248 100  
250 98.1 76.9 115.3  
141 88.3 70.8 106.2



#68  
Hexachlorobenzene  
Concen: 7.503 ng  
RT: 16.521 min Scan# 2284  
Delta R.T. -0.006 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

Tgt Ion:284 Resp: 138884  
Ion Ratio Lower Upper  
284 100  
142 50.0 37.3 55.9  
249 31.2 24.5 36.7





#69

Atrazine

Concen: 8.311 ng

RT: 16.668 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM047549.D

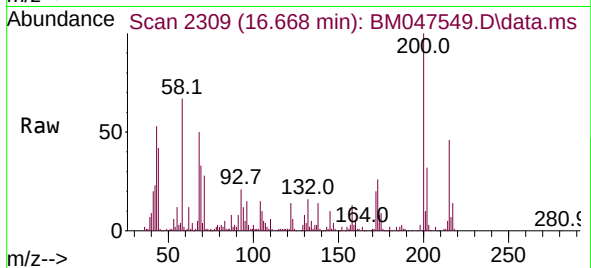
Acq: 17 Sep 2024 18:26

Instrument :

BNA\_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



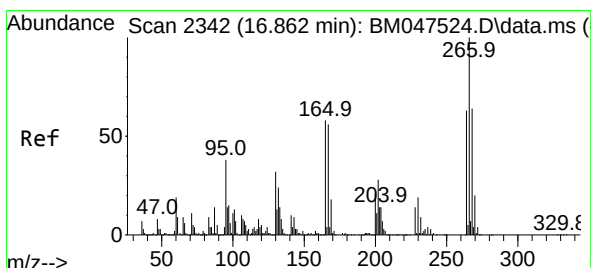
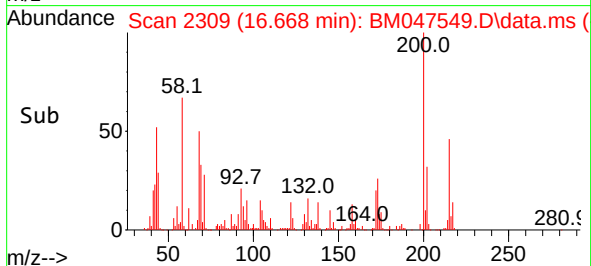
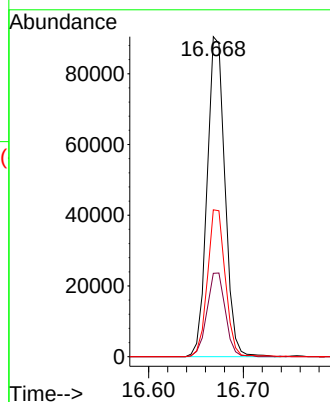
Tgt Ion:200 Resp: 118173

Ion Ratio Lower Upper

200 100

173 26.0 7.7 47.7

215 45.9 27.9 67.9



#70

Pentachlorophenol

Concen: 6.226 ng

RT: 16.862 min Scan# 2342

Delta R.T. 0.000 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

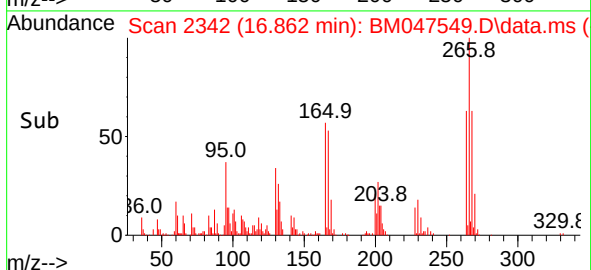
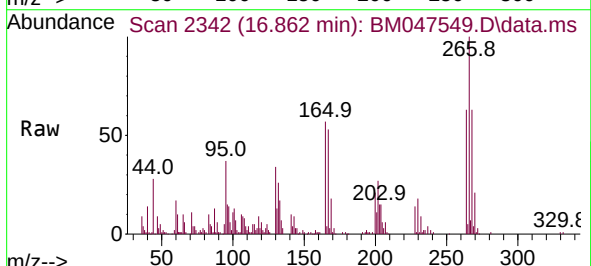
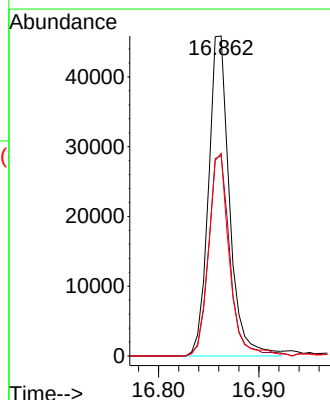
Tgt Ion:266 Resp: 66812

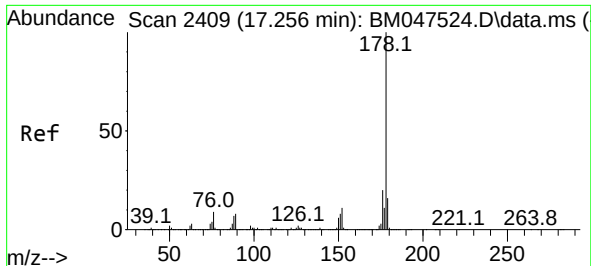
Ion Ratio Lower Upper

266 100

268 62.7 51.0 76.4

264 63.3 50.4 75.6

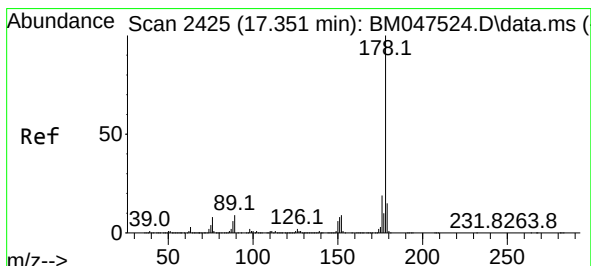
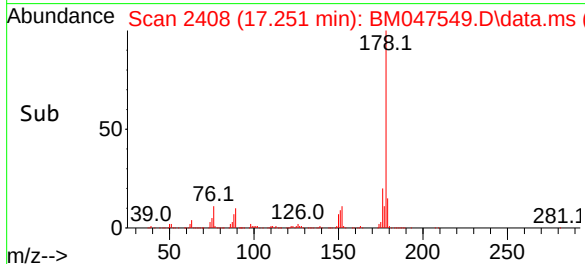
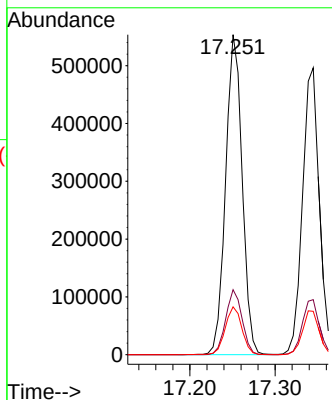
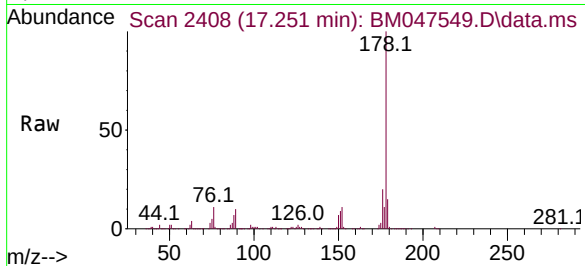




#71  
Phenanthrene  
Concen: 8.061 ng  
RT: 17.251 min Scan# 2409  
Delta R.T. -0.006 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

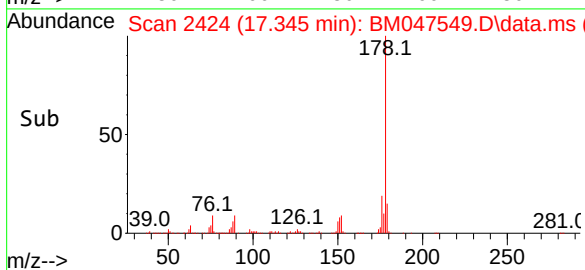
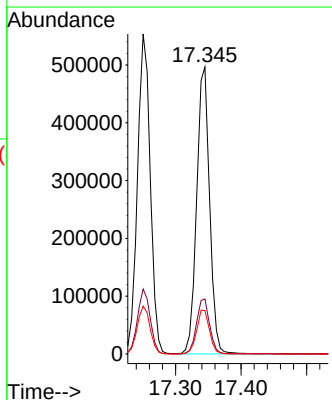
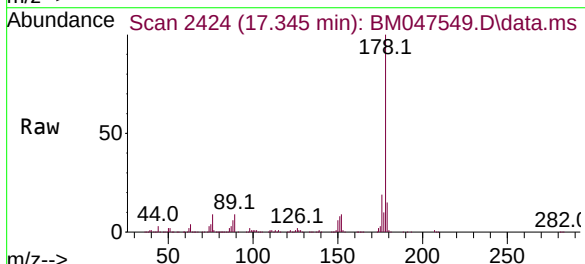
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024

Tgt Ion:178 Resp: 747109  
Ion Ratio Lower Upper  
178 100  
176 20.3 16.0 24.0  
179 14.9 12.4 18.6

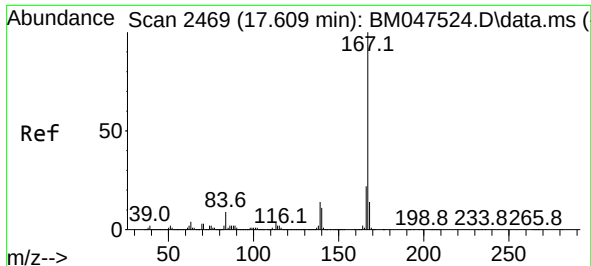


#72  
Anthracene  
Concen: 7.649 ng  
RT: 17.345 min Scan# 2424  
Delta R.T. -0.006 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

Tgt Ion:178 Resp: 681076  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.4 23.0  
179 15.1 12.3 18.5



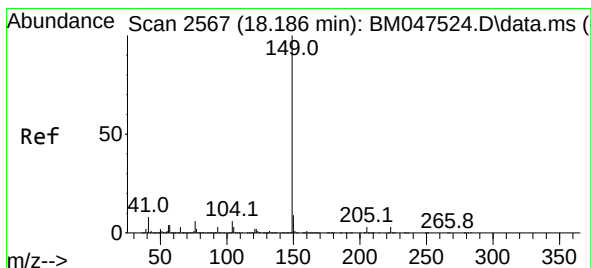
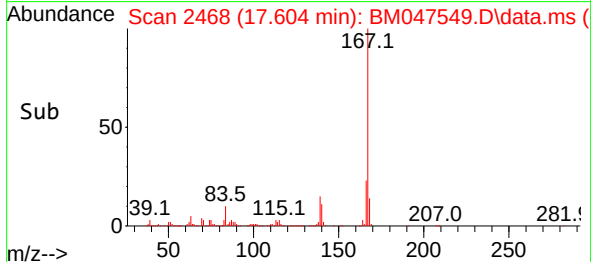
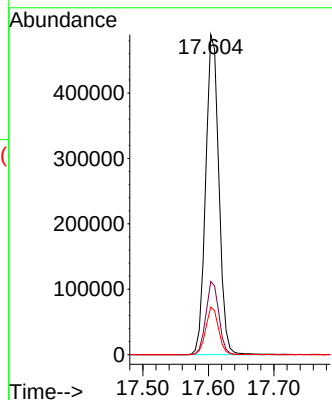
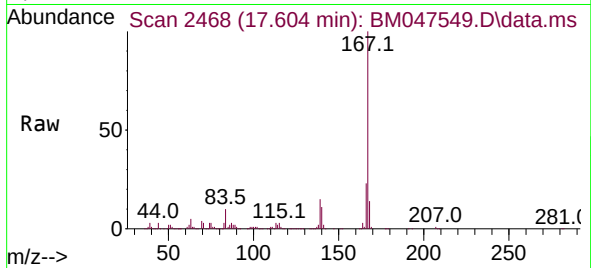




#73  
 Carbazole  
 Concen: 7.778 ng  
 RT: 17.604 min Scan# 2469  
 Delta R.T. -0.006 min  
 Lab File: BM047549.D  
 Acq: 17 Sep 2024 18:26

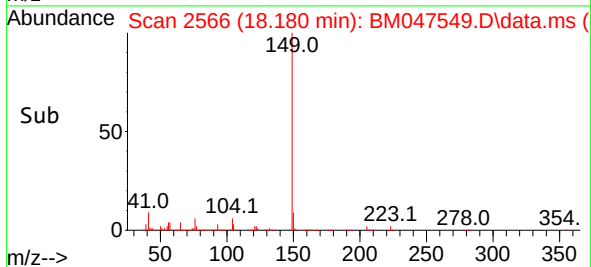
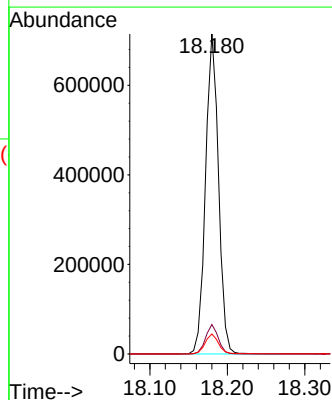
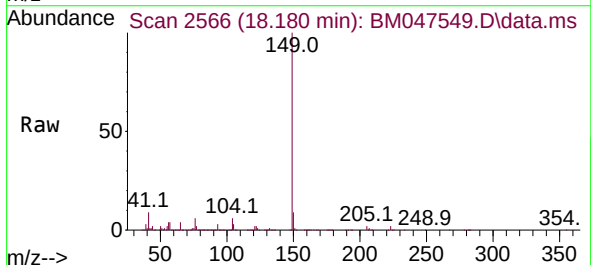
Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT2-2024

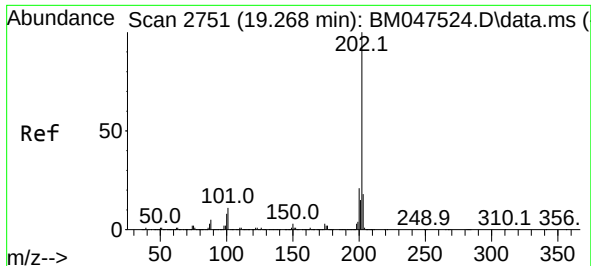
Tgt Ion:167 Resp: 686326  
 Ion Ratio Lower Upper  
 167 100  
 166 22.8 17.8 26.8  
 139 14.9 11.0 16.6



#74  
 Di-n-butylphthalate  
 Concen: 7.859 ng  
 RT: 18.180 min Scan# 2566  
 Delta R.T. -0.006 min  
 Lab File: BM047549.D  
 Acq: 17 Sep 2024 18:26

Tgt Ion:149 Resp: 829801  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.4 11.2  
 104 6.2 4.6 6.8

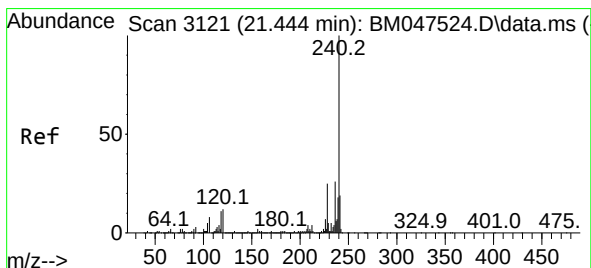
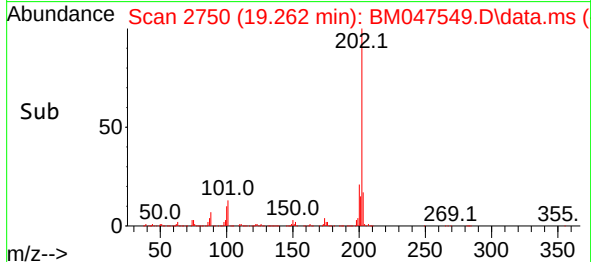
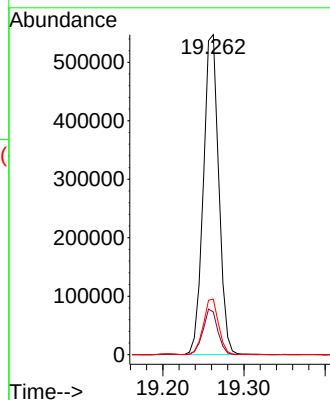
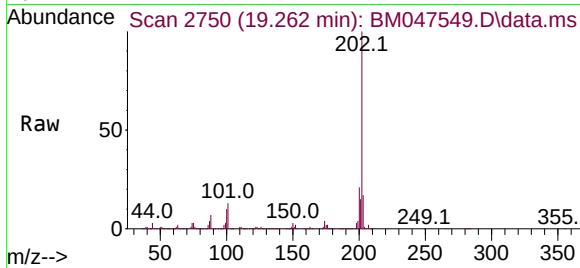




#75  
Fluoranthene  
Concen: 7.101 ng  
RT: 19.262 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

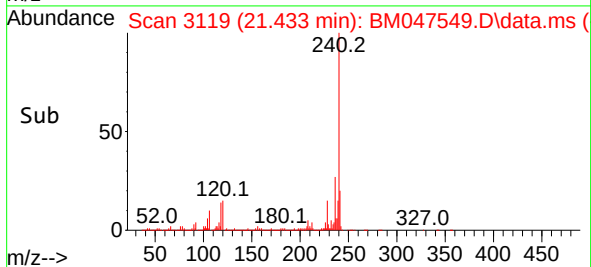
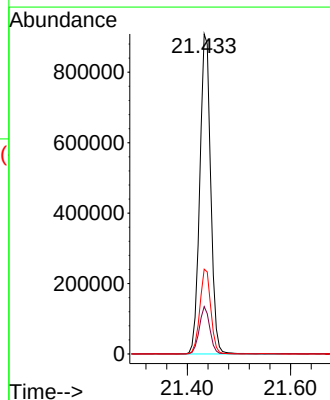
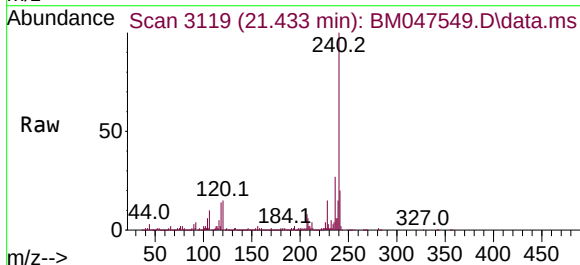
Instrument :  
BNA\_M  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2024

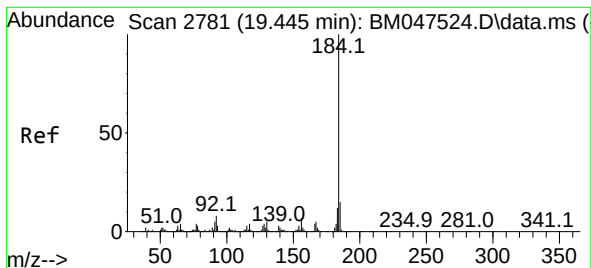
Tgt Ion:202 Resp: 718081  
Ion Ratio Lower Upper  
202 100  
101 13.4 0.0 30.8  
203 17.4 0.0 37.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.433 min Scan# 3119  
Delta R.T. -0.011 min  
Lab File: BM047549.D  
Acq: 17 Sep 2024 18:26

Tgt Ion:240 Resp: 1324350  
Ion Ratio Lower Upper  
240 100  
120 14.8 9.6 14.4#  
236 26.5 20.9 31.3





#77

Benzidine

Concen: 11.147 ng

RT: 19.439 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

Instrument :

BNA\_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

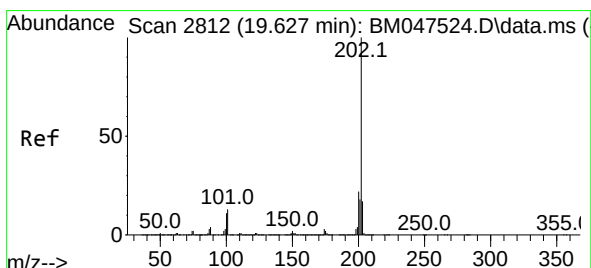
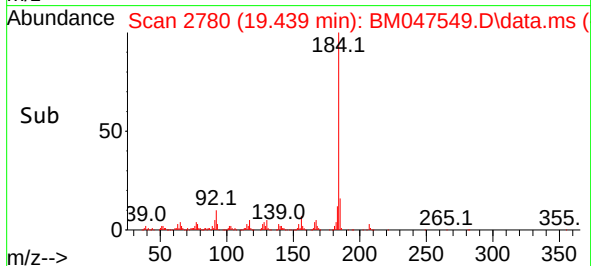
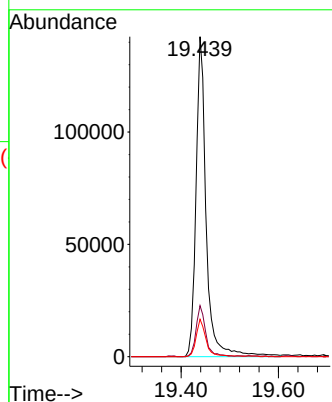
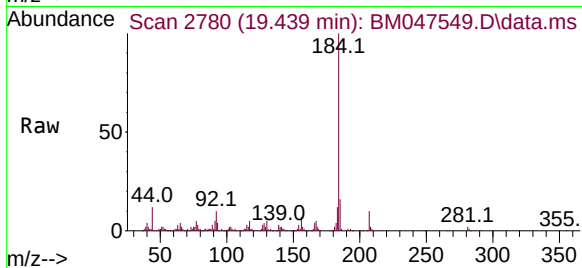
Tgt Ion:184 Resp: 207917

Ion Ratio Lower Upper

184 100

185 15.9 12.2 18.2

183 11.7 9.6 14.4



#78

Pyrene

Concen: 7.886 ng

RT: 19.621 min Scan# 2811

Delta R.T. -0.006 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

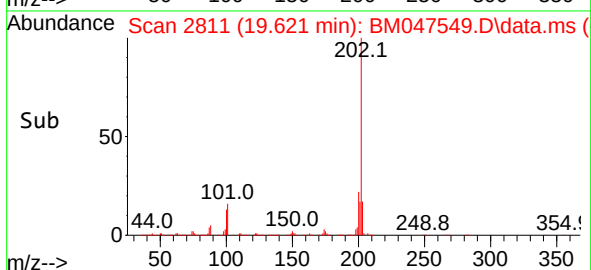
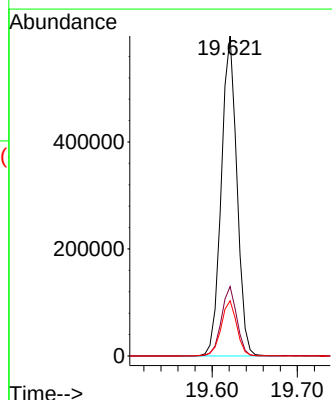
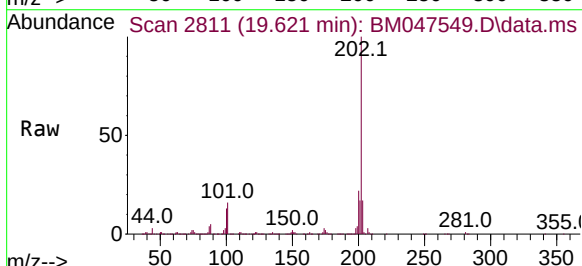
Tgt Ion:202 Resp: 761772

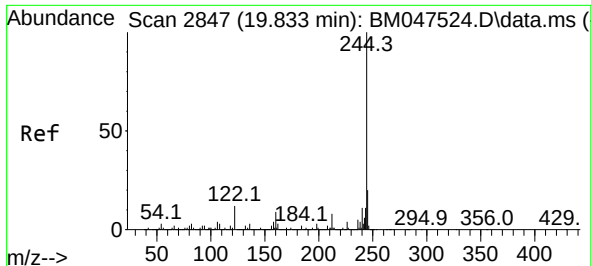
Ion Ratio Lower Upper

202 100

200 21.7 17.2 25.8

203 17.3 14.0 21.0

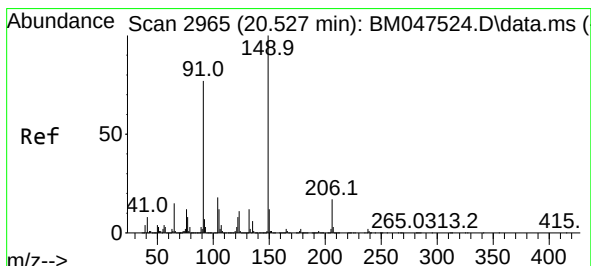
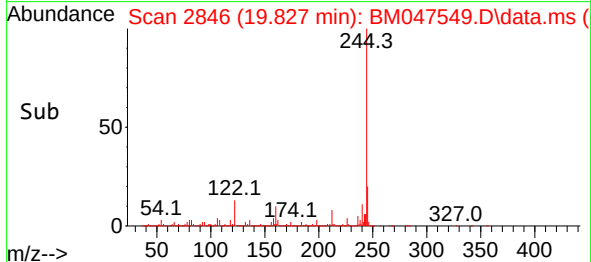
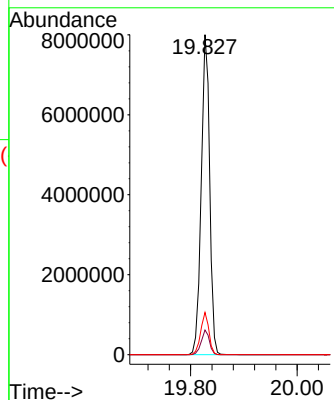
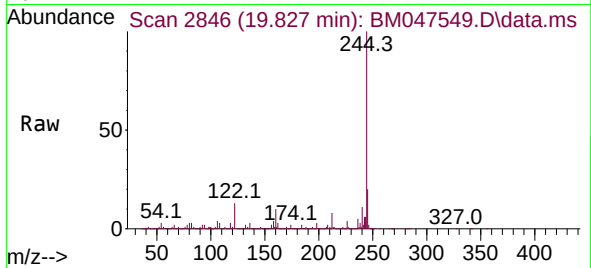




#79  
 Terphenyl-d14  
 Concen: 118.695 ng  
 RT: 19.827 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM047549.D  
 Acq: 17 Sep 2024 18:26

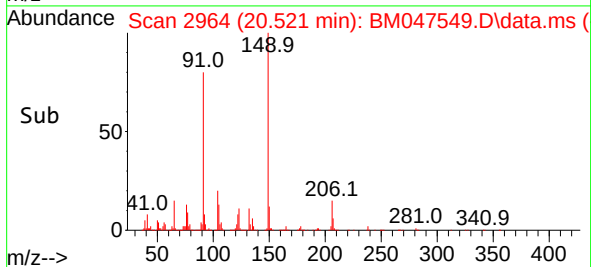
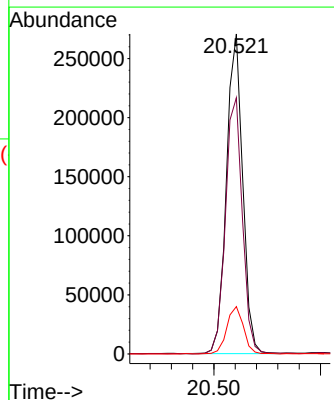
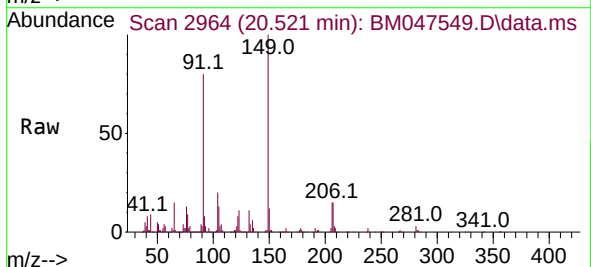
Instrument :  
 BNA\_M  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT2-2024

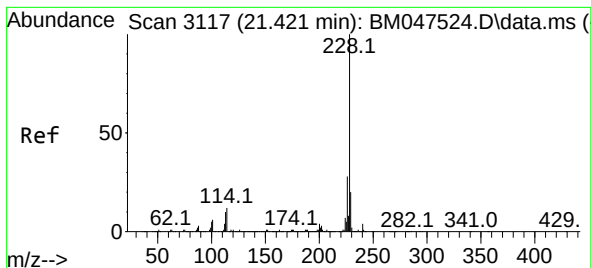
Tgt Ion:244 Resp: 8772303  
 Ion Ratio Lower Upper  
 244 100  
 212 7.7 6.2 9.2  
 122 13.2 9.6 14.4



#80  
 Butylbenzylphthalate  
 Concen: 7.672 ng  
 RT: 20.521 min Scan# 2964  
 Delta R.T. -0.006 min  
 Lab File: BM047549.D  
 Acq: 17 Sep 2024 18:26

Tgt Ion:149 Resp: 285300  
 Ion Ratio Lower Upper  
 149 100  
 91 80.1 62.0 93.0  
 206 14.8 13.8 20.8





#81

Benzo(a)anthracene

Concen: 8.430 ng

RT: 21.415 min Scan# 3117

Delta R.T. -0.006 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

Instrument :

BNA\_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

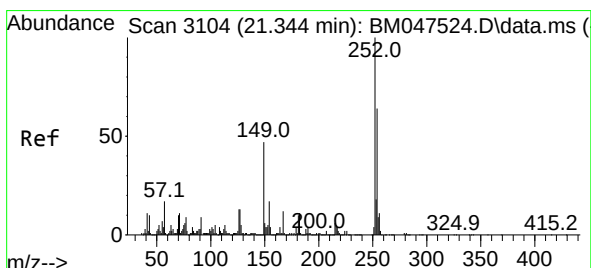
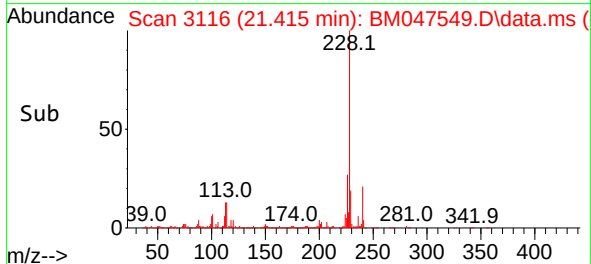
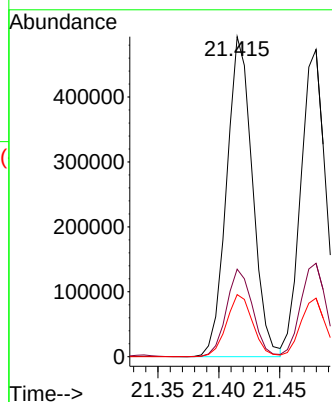
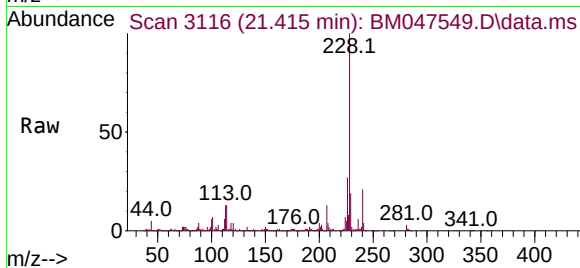
Tgt Ion:228 Resp: 727681

Ion Ratio Lower Upper

228 100

226 27.4 22.4 33.6

229 19.4 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 8.236 ng

RT: 21.339 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

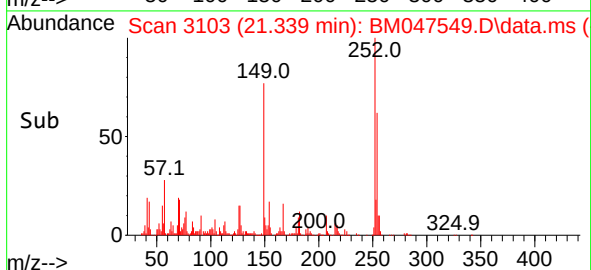
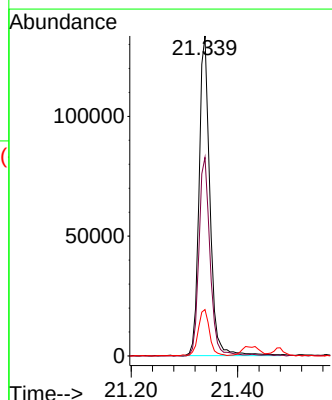
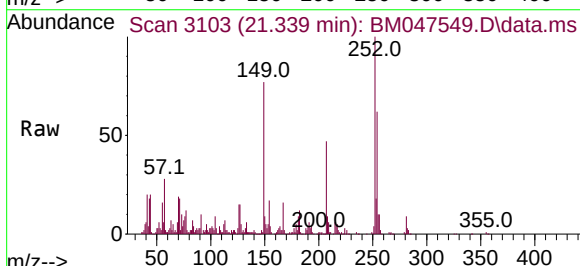
Tgt Ion:252 Resp: 189111

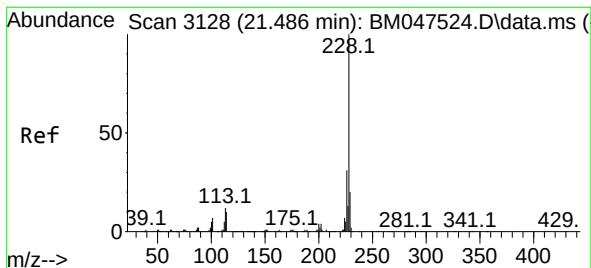
Ion Ratio Lower Upper

252 100

254 62.0 51.5 77.3

126 14.5 10.3 15.5





#83

Chrysene

Concen: 8.311 ng

RT: 21.480 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

Instrument :

BNA\_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

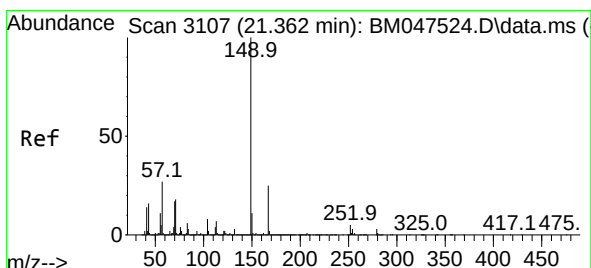
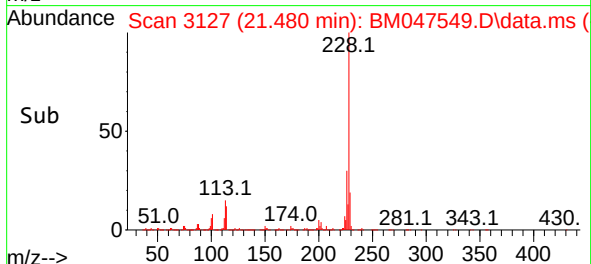
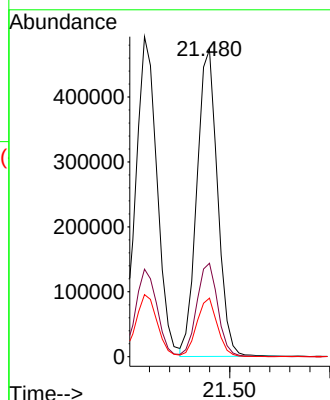
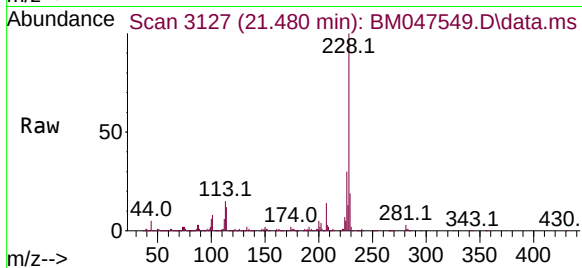
Tgt Ion:228 Resp: 678573

Ion Ratio Lower Upper

228 100

226 30.4 25.0 37.6

229 19.1 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.949 ng

RT: 21.350 min Scan# 3105

Delta R.T. -0.012 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

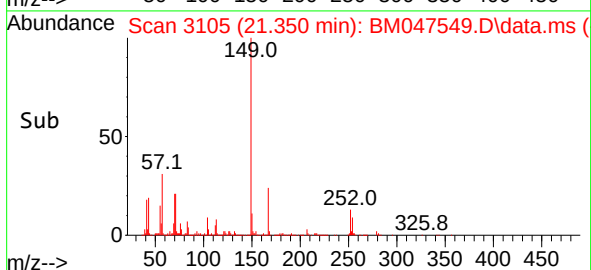
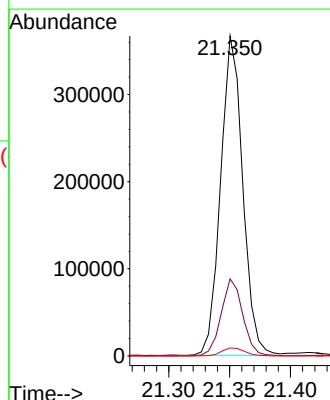
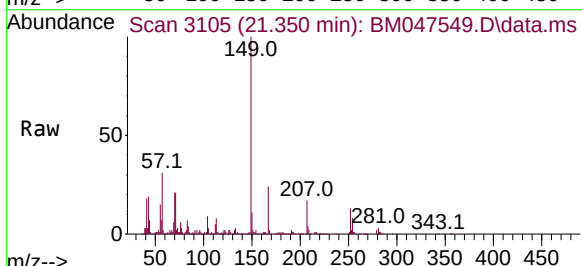
Tgt Ion:149 Resp: 463086

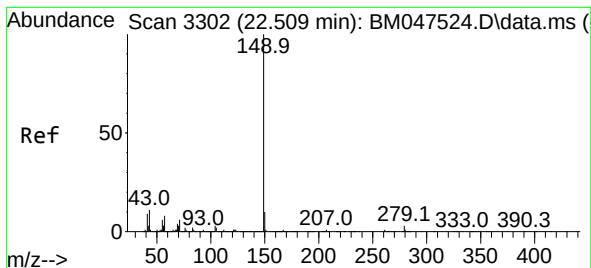
Ion Ratio Lower Upper

149 100

167 24.1 20.2 30.4

279 2.5 2.6 4.0#





#85

Di-n-octyl phthalate

Concen: 7.761 ng

RT: 22.497 min Scan# 31

Delta R.T. -0.012 min

Lab File: BM047549.D

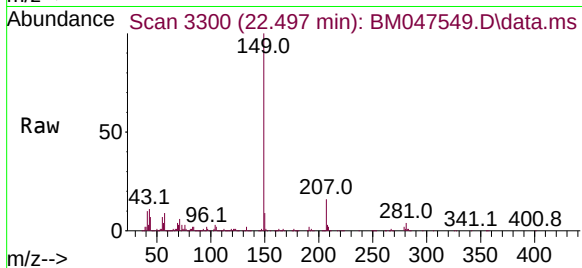
Acq: 17 Sep 2024 18:26

Instrument :

BNA\_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024



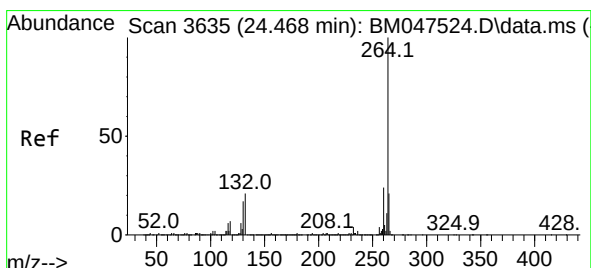
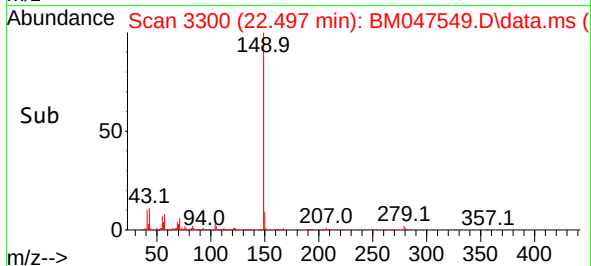
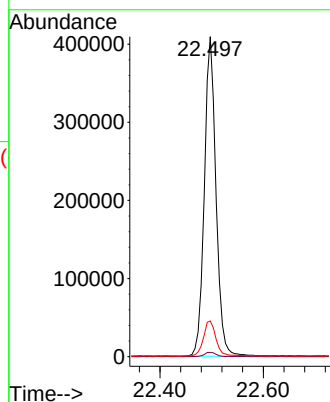
Tgt Ion:149 Resp: 639529

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 12.2 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.456 min Scan# 3633

Delta R.T. -0.012 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

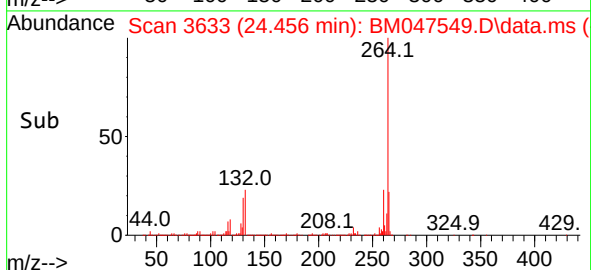
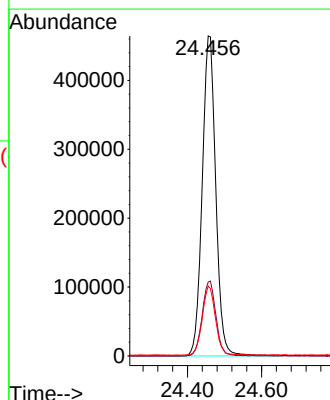
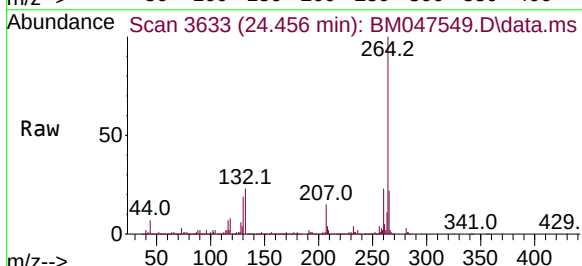
Tgt Ion:264 Resp: 1174032

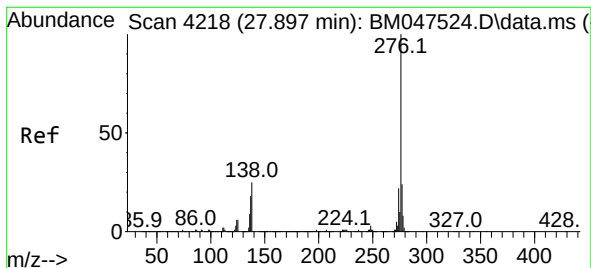
Ion Ratio Lower Upper

264 100

260 23.1 18.9 28.3

265 21.9 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 8.493 ng

RT: 27.868 min Scan# 41

Delta R.T. -0.029 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

Instrument :

BNA\_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

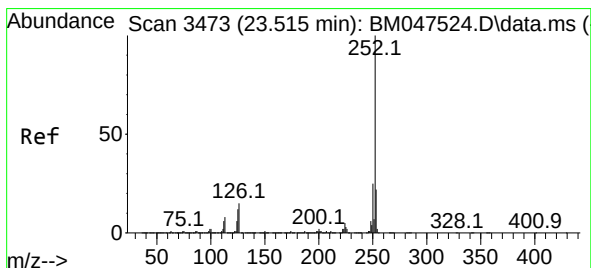
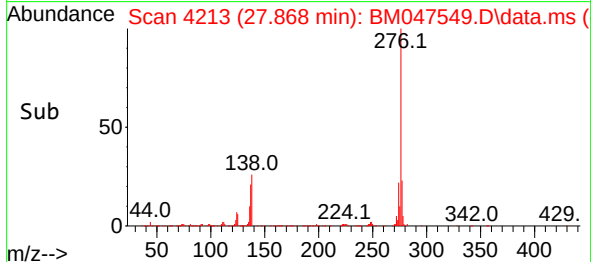
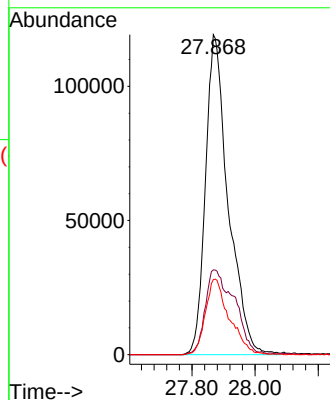
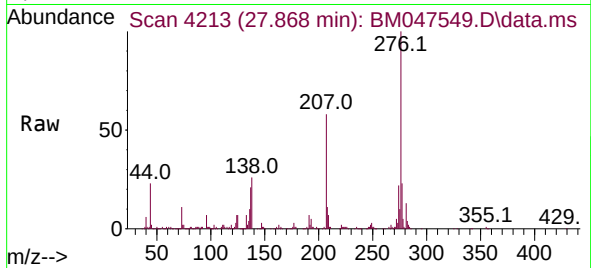
Tgt Ion:276 Resp: 596705

Ion Ratio Lower Upper

276 100

138 34.1 25.0 37.6

277 24.9 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 7.937 ng

RT: 23.503 min Scan# 3471

Delta R.T. -0.012 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

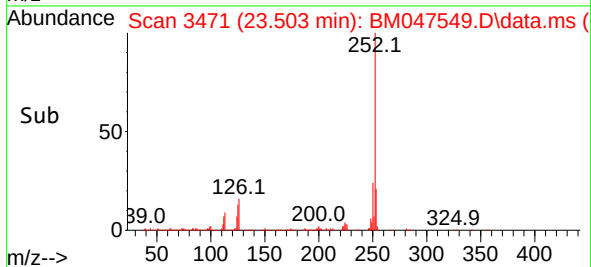
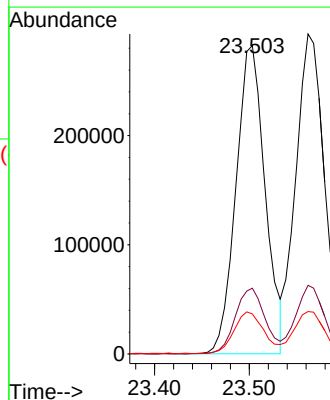
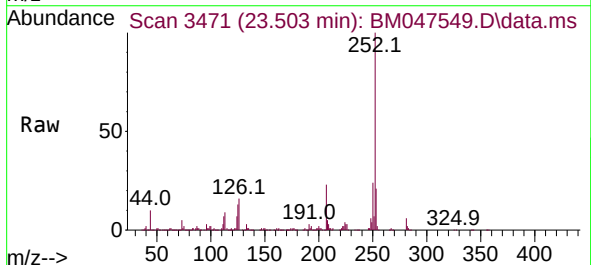
Tgt Ion:252 Resp: 602911

Ion Ratio Lower Upper

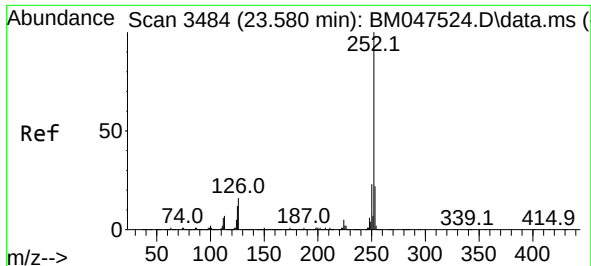
252 100

253 21.3 17.8 26.8

125 13.0 9.5 14.3







#89

Benzo(k)fluoranthene

Concen: 8.334 ng

RT: 23.562 min Scan# 34

Delta R.T. -0.018 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

Instrument :

BNA\_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

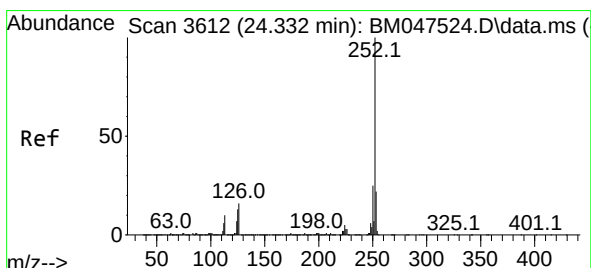
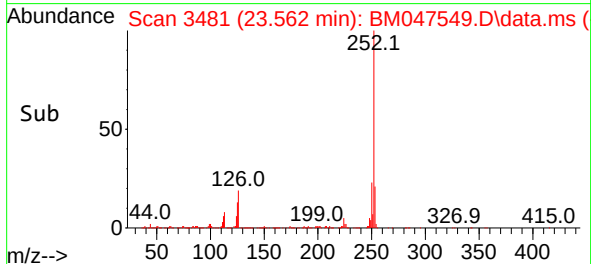
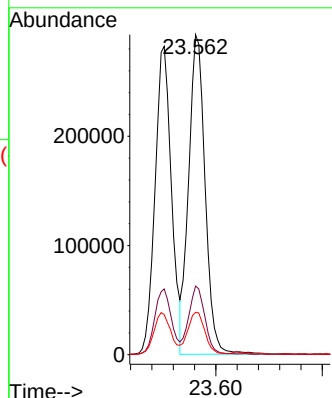
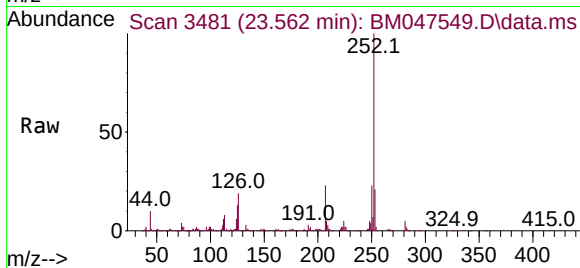
Tgt Ion:252 Resp: 627405

Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.6

125 13.2 9.5 14.3



#90

Benzo(a)pyrene

Concen: 8.298 ng

RT: 24.315 min Scan# 3609

Delta R.T. -0.018 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

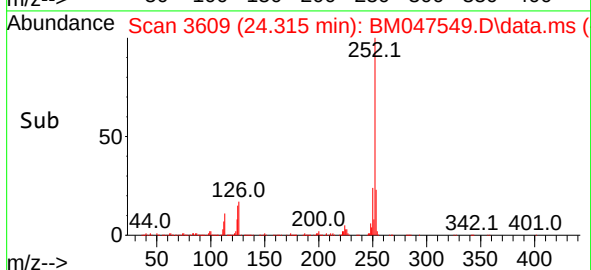
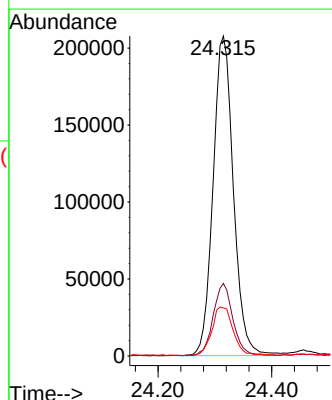
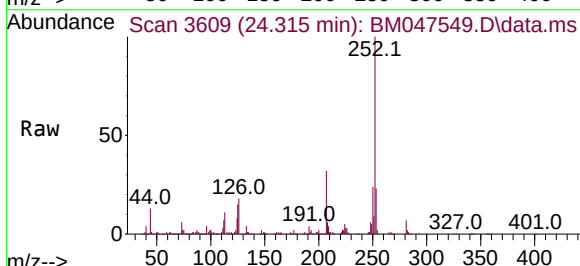
Tgt Ion:252 Resp: 516597

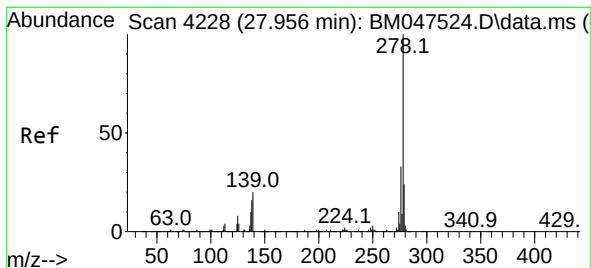
Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

125 15.1 10.2 15.4





#91

Dibenzo(a,h)anthracene

Concen: 8.198 ng

RT: 27.938 min Scan# 4394

Delta R.T. -0.018 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

Instrument :

BNA\_M

ClientSampleId :

LOD-MDL-WATER-01-QT2-2024

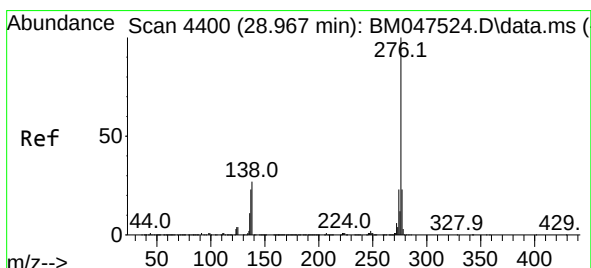
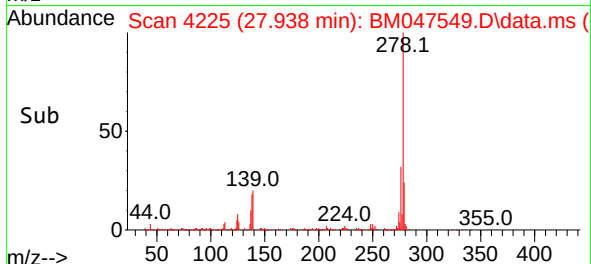
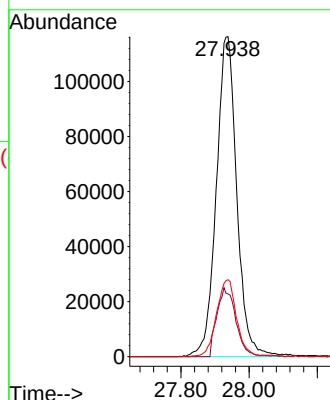
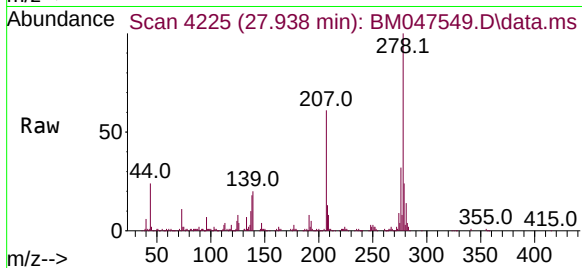
Tgt Ion:278 Resp: 484578

Ion Ratio Lower Upper

278 100

139 19.6 15.9 23.9

279 24.0 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 7.777 ng

RT: 28.932 min Scan# 4394

Delta R.T. -0.035 min

Lab File: BM047549.D

Acq: 17 Sep 2024 18:26

Tgt Ion:276 Resp: 449055

Ion Ratio Lower Upper

276 100

277 24.8 18.6 28.0

138 31.1 21.5 32.3

