

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM092024\  
 Data File : BM047593.D  
 Acq On : 20 Sep 2024 17:40  
 Operator : RC/JU  
 Sample : P2403-09  
 Misc : MDL-MDL-WATER 4 ppm  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-03-QT2-2024

Quant Time: Sep 21 03:26:01 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM092024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 21 02:22:39 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.845  | 152  | 301789   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.639 | 136  | 1251619  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.474 | 164  | 664447   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.209 | 188  | 1212735  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.433 | 240  | 1008554  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.462 | 264  | 1106352  | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.416  | 112  | 2018089  | 102.476 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.004  | 99   | 2609077  | 100.548 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.998  | 82   | 1652605  | 65.729  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.956 | 330  | 552108   | 89.736  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.098 | 172  | 2992391  | 63.724  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.827 | 244  | 3341003  | 59.438  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.316  | 88   | 29311    | 3.418   | ng    | 98       |
| 3) Pyridine                   | 3.722  | 79   | 65116    | 2.739   | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.622  | 42   | 31128    | 3.158   | ng    | # 92     |
| 6) Aniline                    | 7.169  | 93   | 81793    | 3.679   | ng    | 97       |
| 8) 2-Chlorophenol             | 7.410  | 128  | 65549    | 3.179   | ng    | 93       |
| 9) Benzaldehyde               | 6.981  | 77   | 66798    | 5.045   | ng    | 96       |
| 10) Phenol                    | 7.028  | 94   | 81980    | 3.182   | ng    | 86       |
| 11) bis(2-Chloroethyl)ether   | 7.263  | 93   | 64254    | 3.103   | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.734  | 146  | 70167    | 3.078   | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 7.881  | 146  | 71881    | 3.116   | ng    | 95       |
| 14) 1,2-Dichlorobenzene       | 8.198  | 146  | 69496    | 3.125   | ng    | 99       |
| 15) Benzyl Alcohol            | 8.081  | 79   | 49966    | 2.984   | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.363  | 45   | 90920    | 3.444   | ng    | 99       |
| 17) 2-Methylphenol            | 8.281  | 107  | 45900    | 2.834   | ng    | 98       |
| 18) Hexachloroethane          | 8.928  | 117  | 28396    | 3.035   | ng    | 92       |
| 19) n-Nitroso-di-n-propyla... | 8.645  | 70   | 44919    | 2.826   | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.604  | 107  | 61478    | 2.787   | ng    | 94       |
| 22) Acetophenone              | 8.663  | 105  | 94535    | 2.899   | ng    | # 98     |
| 24) Nitrobenzene              | 9.039  | 77   | 80962    | 3.118   | ng    | 95       |
| 25) Isophorone                | 9.569  | 82   | 112906   | 2.687   | ng    | 99       |
| 26) 2-Nitrophenol             | 9.751  | 139  | 20091    | 2.200   | ng    | 94       |
| 27) 2,4-Dimethylphenol        | 9.810  | 122  | 36142    | 2.777   | ng    | 95       |
| 28) bis(2-Chloroethoxy)met... | 10.045 | 93   | 77278    | 2.859   | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 10.286 | 162  | 41260    | 2.508   | ng    | 92       |
| 30) 1,2,4-Trichlorobenzene    | 10.504 | 180  | 52948    | 2.823   | ng    | 98       |
| 31) Naphthalene               | 10.692 | 128  | 188106   | 2.841   | ng    | 98       |
| 33) 4-Chloroaniline           | 10.792 | 127  | 67557    | 2.894   | ng    | 96       |
| 34) Hexachlorobutadiene       | 10.986 | 225  | 27413    | 2.686   | ng    | 99       |
| 35) Caprolactam               | 11.545 | 113  | 11376    | 2.000   | ng    | 96       |
| 36) 4-Chloro-3-methylphenol   | 11.910 | 107  | 42165    | 2.246   | ng    | 94       |
| 37) 2-Methylnaphthalene       | 12.298 | 142  | 110797   | 2.663   | ng    | 97       |
| 38) 1-Methylnaphthalene       | 12.521 | 142  | 102440   | 2.482   | ng    | # 95     |
| 40) 1,2,4,5-Tetrachloroben... | 12.668 | 216  | 49237    | 2.808   | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.657 | 237  | 19227    | 3.321   | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.904 | 196  | 25816    | 2.265   | ng    | 99       |
| 44) 2,4,5-Trichlorophenol     | 12.974 | 196  | 28291    | 2.209   | ng    | 95       |

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 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-03-QT2-2024

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Sep 21 02:22:39 2024  
 Response via : Initial Calibration

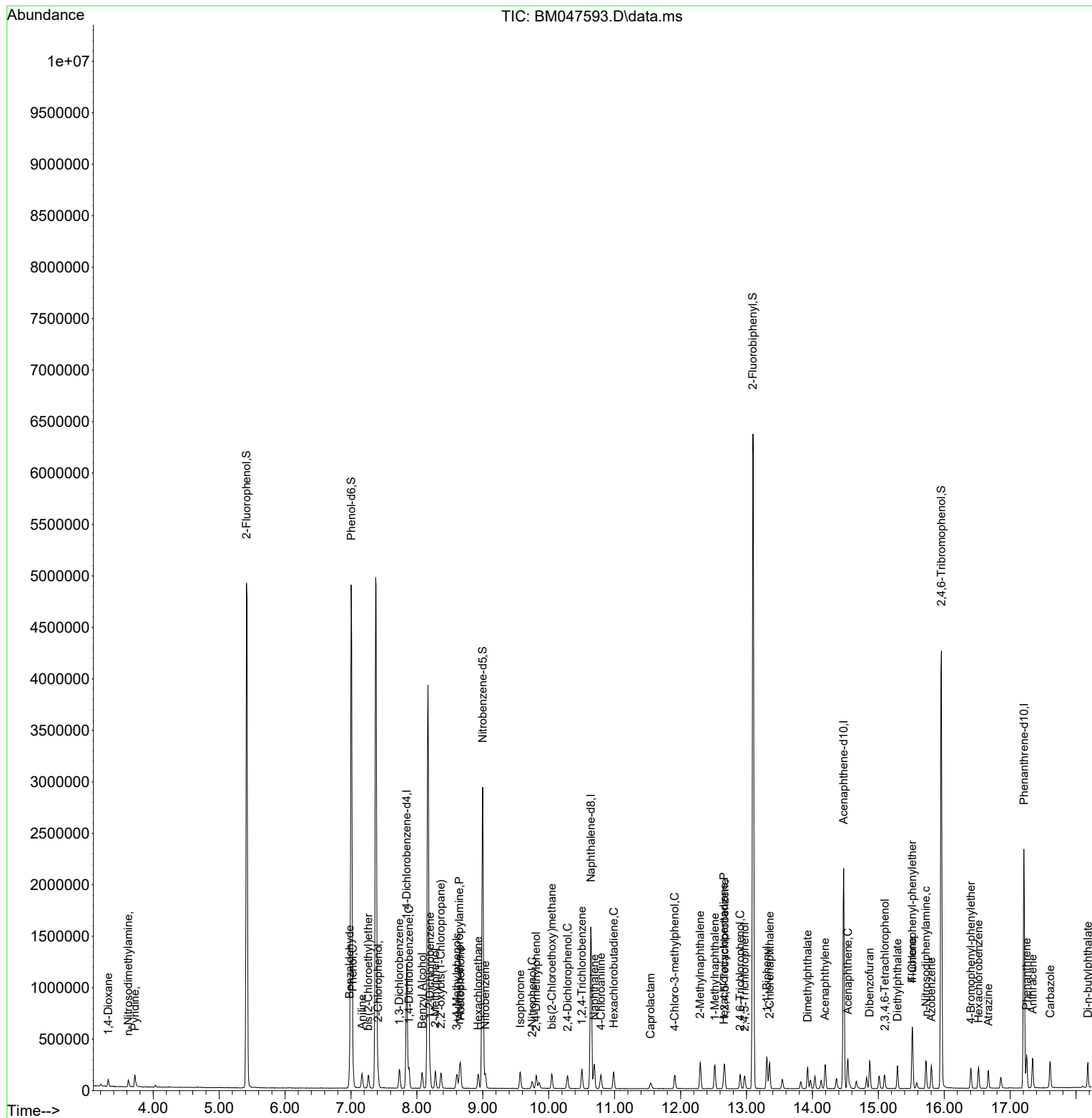
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 46) 1,1'-Biphenyl             | 13.310 | 154  | 150434   | 2.932 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.351 | 162  | 109567   | 2.729 | ng    | 99       |
| 49) Acenaphthylene            | 14.192 | 152  | 158994   | 2.752 | ng    | 100      |
| 50) Dimethylphthalate         | 13.927 | 163  | 121698   | 2.653 | ng    | 99       |
| 52) Acenaphthene              | 14.539 | 154  | 99905    | 2.617 | ng    | 99       |
| 55) Dibenzofuran              | 14.868 | 168  | 153808   | 2.757 | ng    | 100      |
| 58) Fluorene                  | 15.515 | 166  | 115776   | 2.345 | ng    | 96       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.098 | 232  | 21710    | 2.217 | ng    | 98       |
| 60) Diethylphthalate          | 15.292 | 149  | 118245   | 2.418 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.515 | 204  | 51965    | 2.409 | ng    | 94       |
| 63) Azobenzene                | 15.804 | 77   | 130903   | 2.448 | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 15.721 | 169  | 92329    | 2.549 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.404 | 248  | 26682    | 2.422 | ng    | 97       |
| 68) Hexachlorobenzene         | 16.521 | 284  | 33334    | 2.588 | ng    | 89       |
| 69) Atrazine                  | 16.668 | 200  | 23827    | 2.732 | ng    | 98       |
| 71) Phenanthrene              | 17.251 | 178  | 175591   | 2.667 | ng    | 100      |
| 72) Anthracene                | 17.339 | 178  | 157270   | 2.522 | ng    | 99       |
| 73) Carbazole                 | 17.609 | 167  | 151810   | 2.336 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.180 | 149  | 161719   | 2.057 | ng    | 100      |
| 75) Fluoranthene              | 19.256 | 202  | 160268   | 2.212 | ng    | 98       |
| 77) Benzidine                 | 19.439 | 184  | 47133    | 3.432 | ng    | 96       |
| 78) Pyrene                    | 19.621 | 202  | 171381   | 2.428 | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.415 | 228  | 178475   | 2.691 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.338 | 252  | 45350    | 2.202 | ng    | 95       |
| 83) Chrysene                  | 21.480 | 228  | 168067   | 2.665 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 27.867 | 276  | 190160   | 2.500 | ng    | # 88     |
| 88) Benzo(b)fluoranthene      | 23.503 | 252  | 162351   | 2.335 | ng    | 97       |
| 89) Benzo(k)fluoranthene      | 23.562 | 252  | 163071   | 2.389 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.315 | 252  | 146597   | 2.487 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 27.932 | 278  | 156389   | 2.461 | ng    | 94       |
| 92) Benzo(g,h,i)perylene      | 28.932 | 276  | 151080   | 2.372 | ng    | 97       |

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

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ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT2-2024

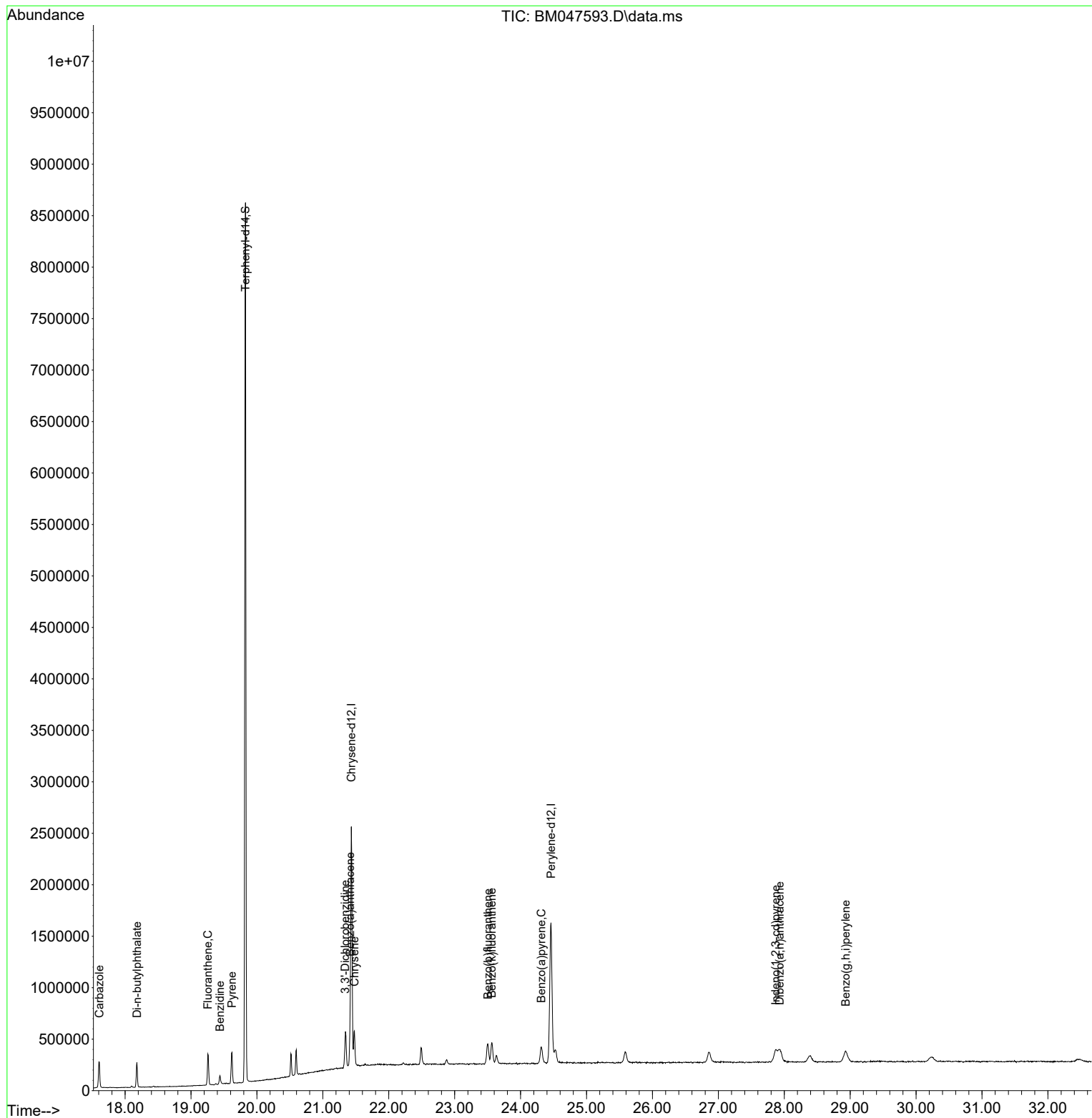
Quant Time: Sep 21 03:26:01 2024  
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QLast Update : Sat Sep 21 02:22:39 2024  
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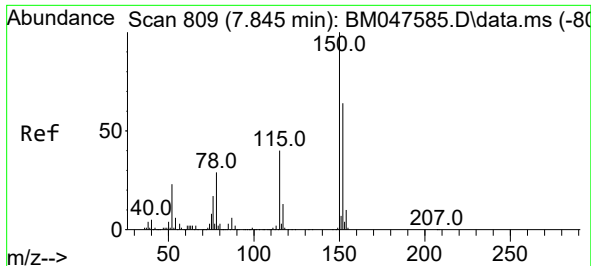


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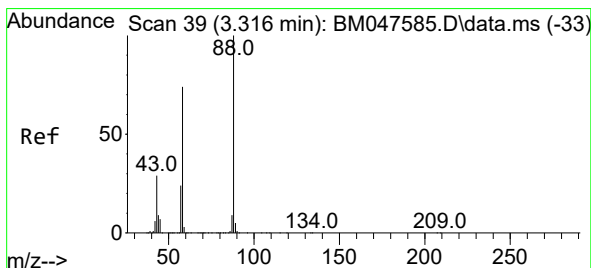
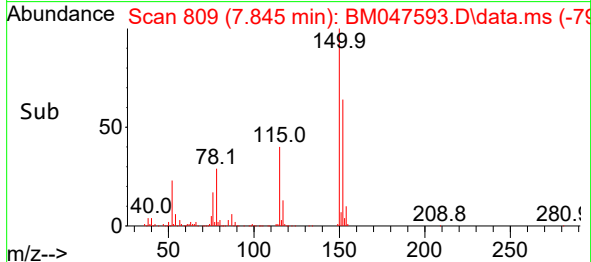
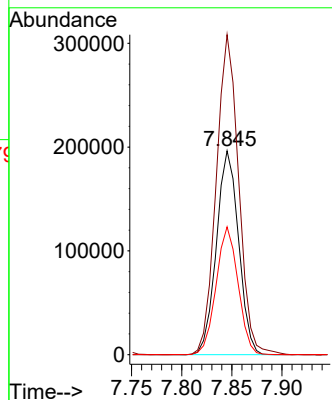
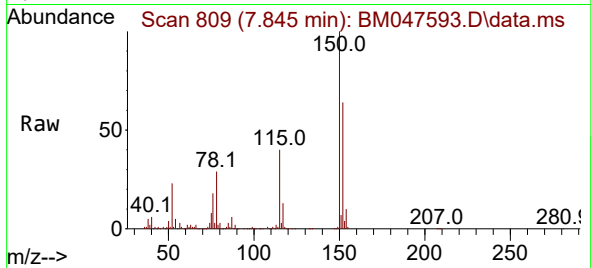




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.845 min Scan# 809  
Delta R.T. 0.000 min  
Lab File: BM047593.D  
Acq: 20 Sep 2024 17:40

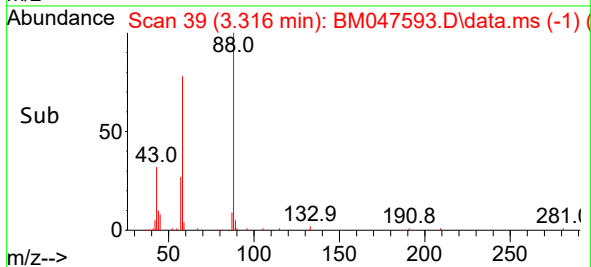
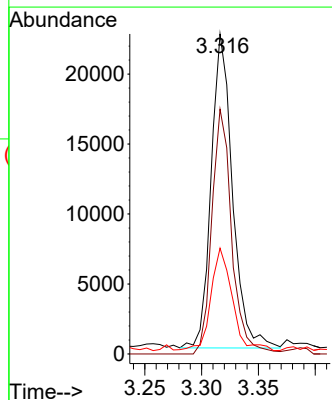
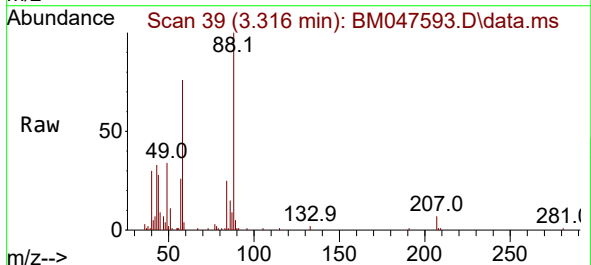
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT2-2024

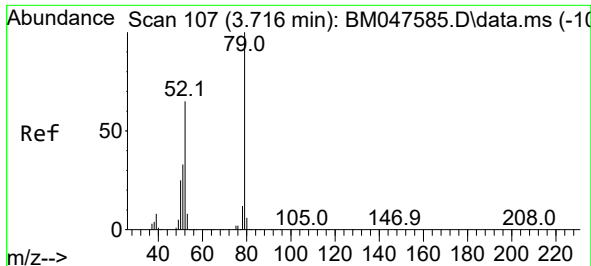
Tgt Ion:152 Resp: 301789  
Ion Ratio Lower Upper  
152 100  
150 157.0 124.5 186.7  
115 62.8 49.9 74.9



#2  
1,4-Dioxane  
Concen: 3.418 ng  
RT: 3.316 min Scan# 39  
Delta R.T. -0.000 min  
Lab File: BM047593.D  
Acq: 20 Sep 2024 17:40

Tgt Ion: 88 Resp: 29311  
Ion Ratio Lower Upper  
88 100  
58 72.5 58.0 87.0  
43 32.6 23.1 34.7

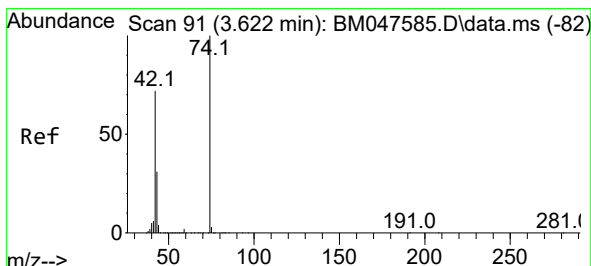
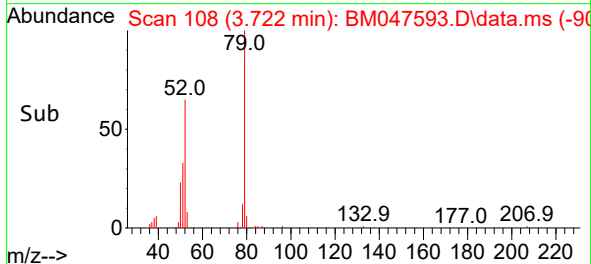
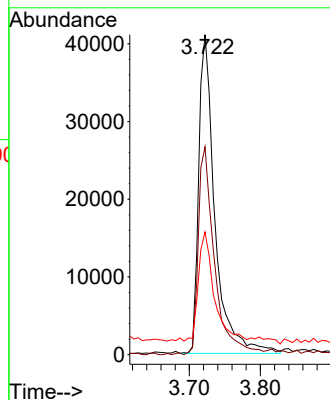
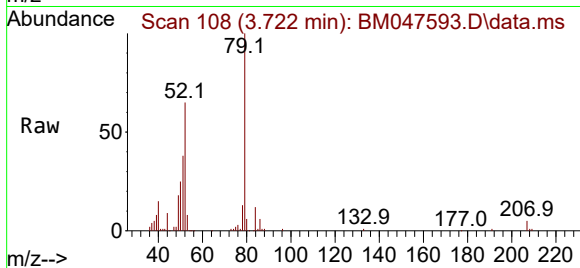




#3  
Pyridine  
Concen: 2.739 ng  
RT: 3.722 min Scan# 107  
Delta R.T. 0.006 min  
Lab File: BM047593.D  
Acq: 20 Sep 2024 17:40

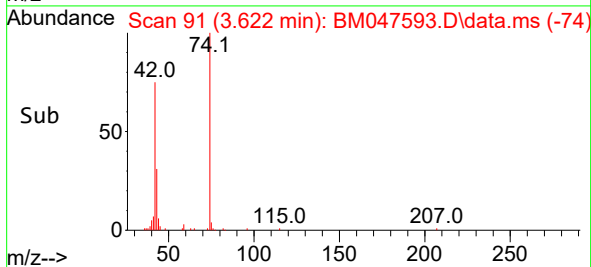
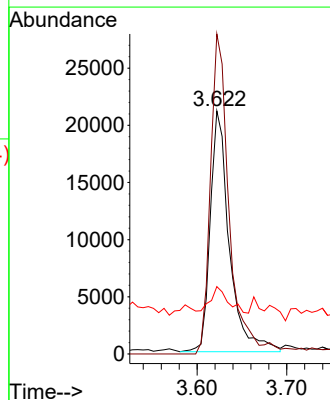
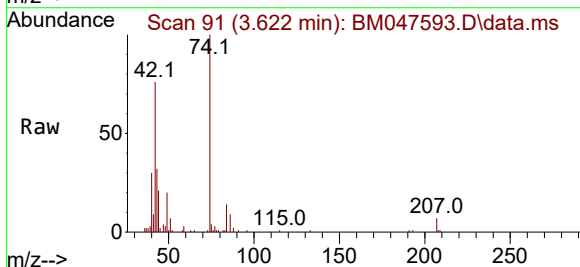
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ClientSampleId :  
MDL-WATER-03-QT2-2024

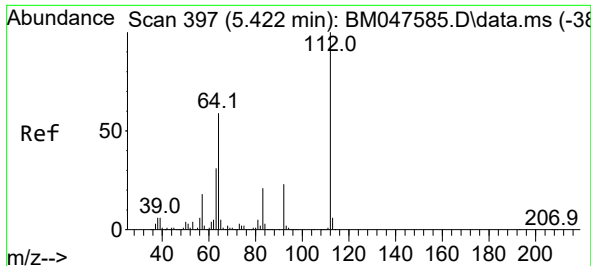
Tgt Ion: 79 Resp: 65116  
Ion Ratio Lower Upper  
79 100  
52 64.9 52.2 78.2  
51 38.3 26.5 39.7



#4  
n-Nitrosodimethylamine  
Concen: 3.158 ng  
RT: 3.622 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BM047593.D  
Acq: 20 Sep 2024 17:40

Tgt Ion: 42 Resp: 31128  
Ion Ratio Lower Upper  
42 100  
74 131.6 110.8 166.2  
44 27.7 6.1 9.1#

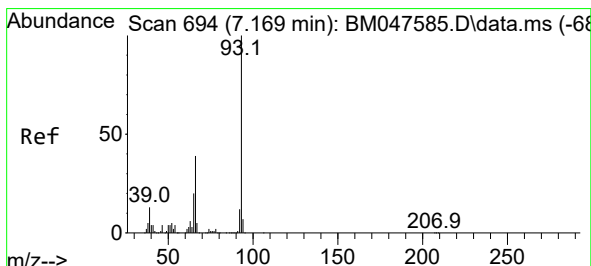
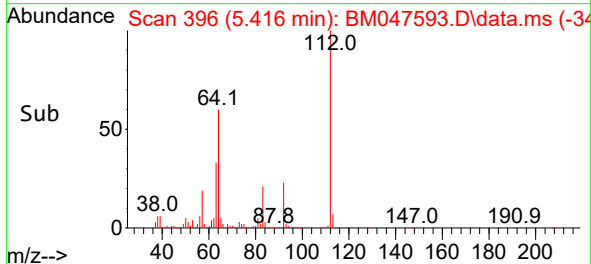
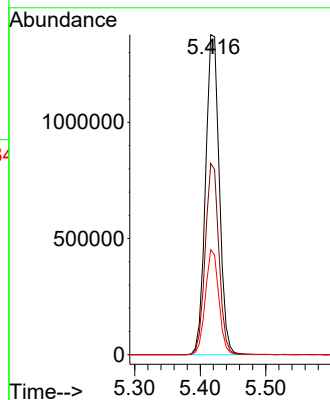
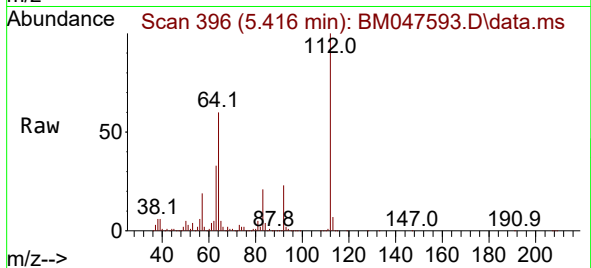




#5  
2-Fluorophenol  
Concen: 102.476 ng  
RT: 5.416 min Scan# 396  
Delta R.T. -0.006 min  
Lab File: BM047593.D  
Acq: 20 Sep 2024 17:40

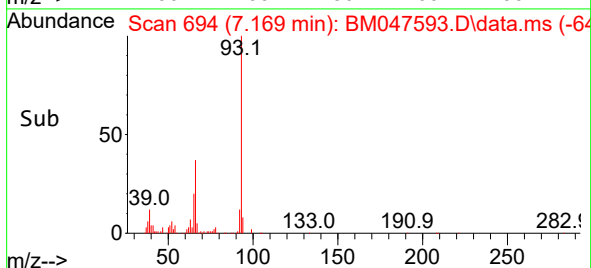
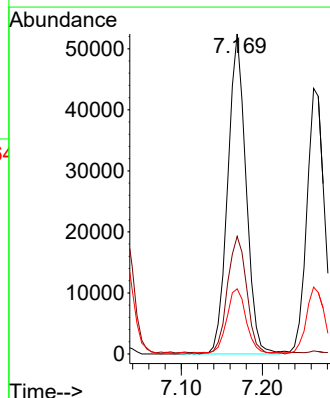
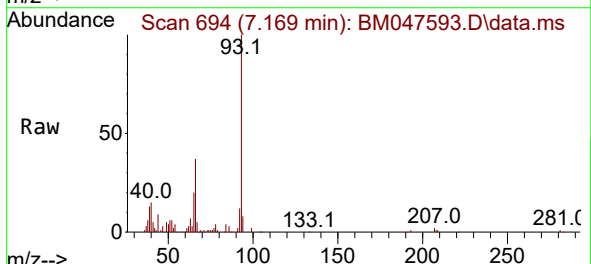
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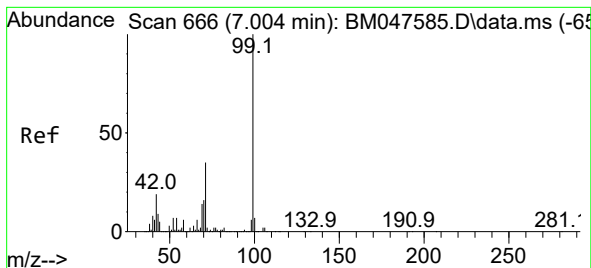
Tgt Ion:112 Resp: 2018089  
Ion Ratio Lower Upper  
112 100  
64 59.8 46.8 70.2  
63 32.8 25.2 37.8



#6  
Aniline  
Concen: 3.679 ng  
RT: 7.169 min Scan# 694  
Delta R.T. -0.000 min  
Lab File: BM047593.D  
Acq: 20 Sep 2024 17:40

Tgt Ion: 93 Resp: 81793  
Ion Ratio Lower Upper  
93 100  
66 36.7 31.4 47.0  
65 20.4 16.2 24.2



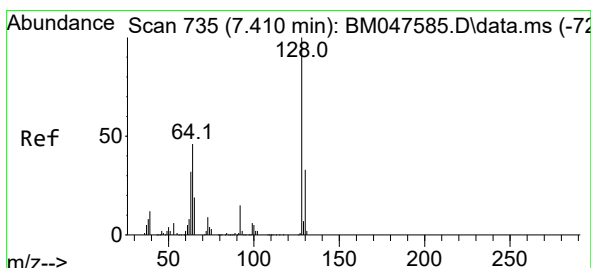
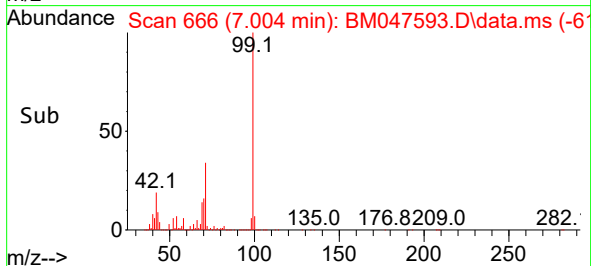
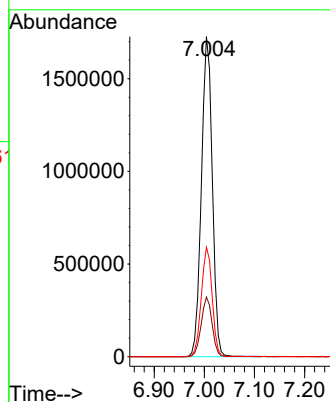
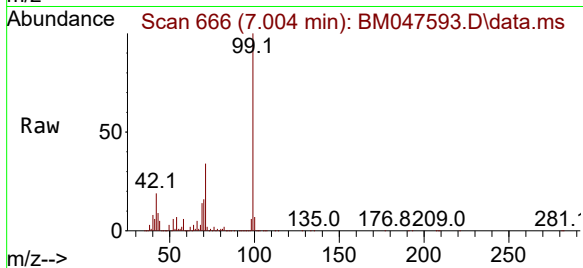


#7  
Phenol-d6  
Concen: 100.548 ng  
RT: 7.004 min Scan# 666  
Delta R.T. -0.000 min  
Lab File: BM047593.D  
Acq: 20 Sep 2024 17:40

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT2-2024

Tgt Ion: 99 Resp: 2609077

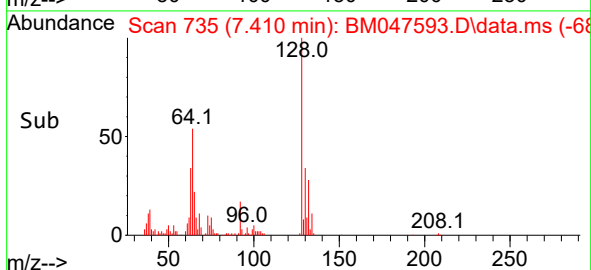
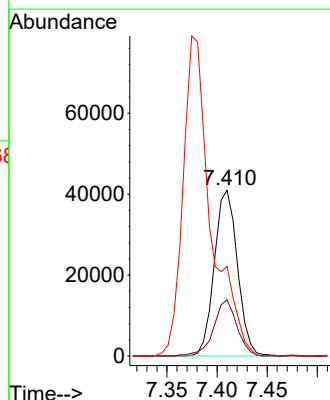
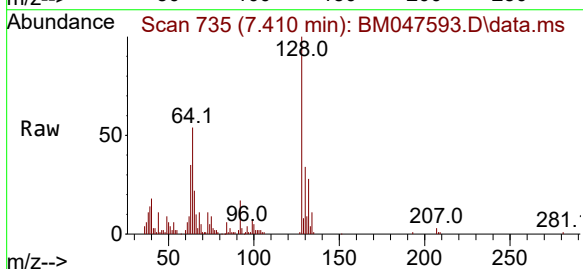
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 18.7  | 15.3  | 22.9  |
| 71  | 34.2  | 27.8  | 41.6  |

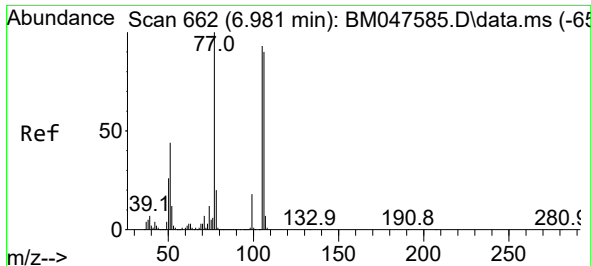


#8  
2-Chlorophenol  
Concen: 3.179 ng  
RT: 7.410 min Scan# 735  
Delta R.T. -0.000 min  
Lab File: BM047593.D  
Acq: 20 Sep 2024 17:40

Tgt Ion: 128 Resp: 65549

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 33.9  | 12.6  | 52.6  |
| 64  | 54.1  | 27.6  | 67.6  |

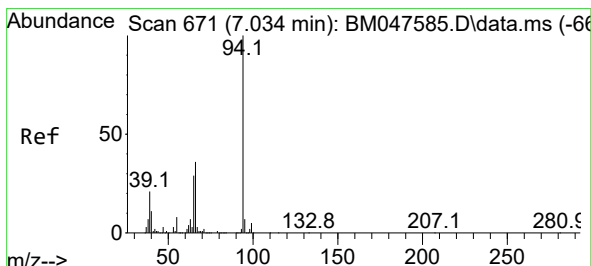
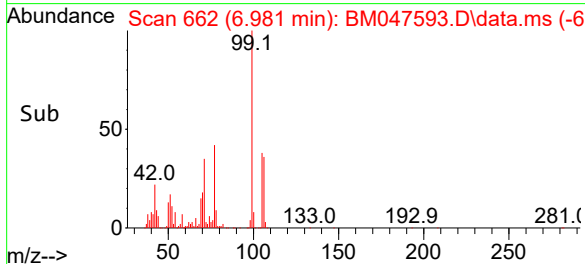
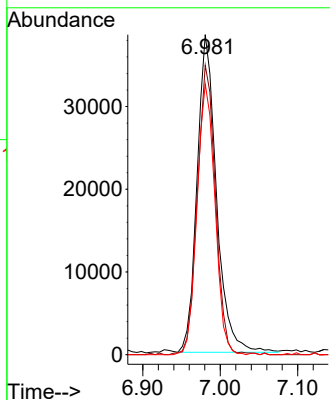
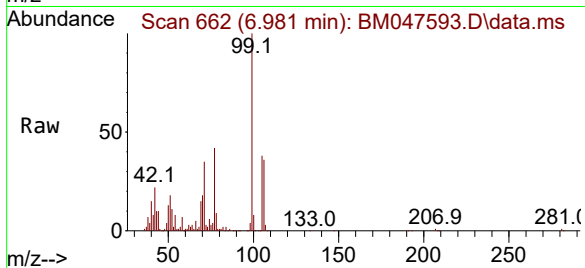




#9  
Benzaldehyde  
Concen: 5.045 ng  
RT: 6.981 min Scan# 662  
Delta R.T. -0.000 min  
Lab File: BM047593.D  
Acq: 20 Sep 2024 17:40

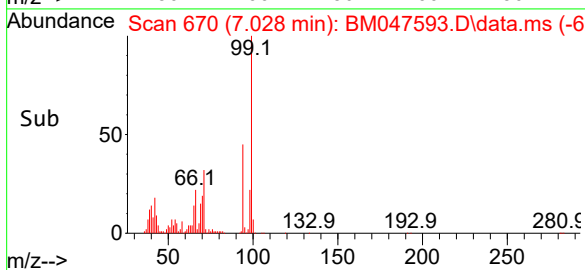
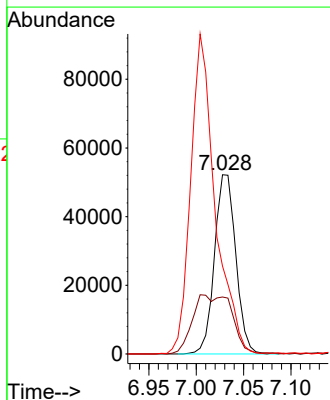
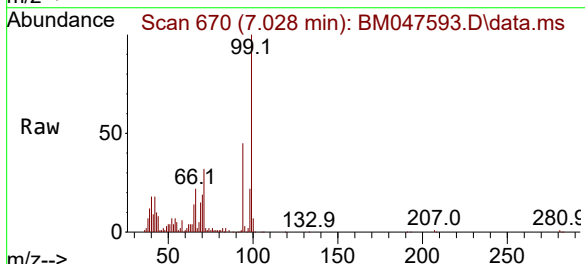
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT2-2024

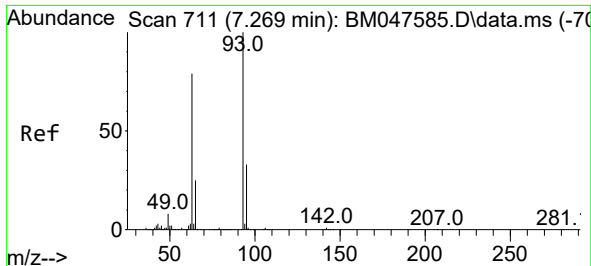
Tgt Ion: 77 Resp: 66798  
Ion Ratio Lower Upper  
77 100  
105 90.5 73.0 113.0  
106 84.6 70.3 110.3



#10  
Phenol  
Concen: 3.182 ng  
RT: 7.028 min Scan# 670  
Delta R.T. -0.006 min  
Lab File: BM047593.D  
Acq: 20 Sep 2024 17:40

Tgt Ion: 94 Resp: 81980  
Ion Ratio Lower Upper  
94 100  
65 31.8 9.1 49.1  
66 49.0 16.5 56.5

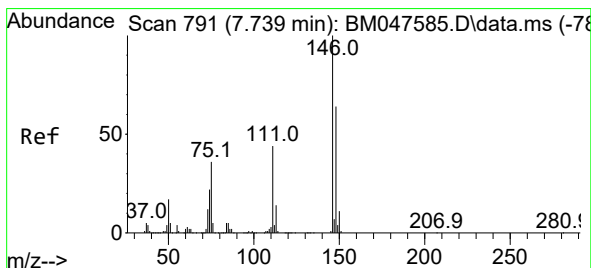
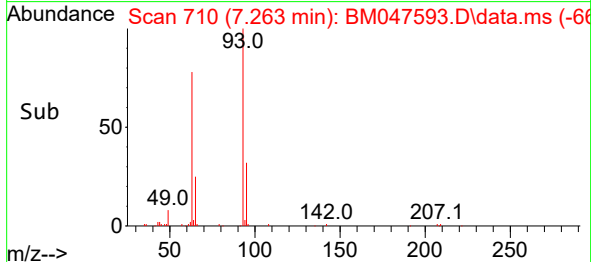
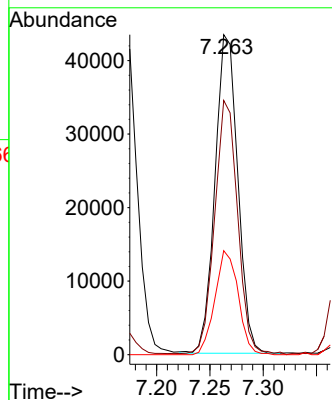
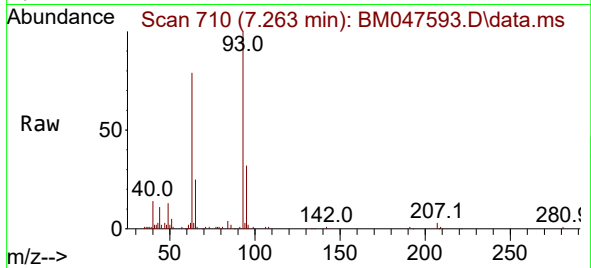




#11  
bis(2-Chloroethyl)ether  
Concen: 3.103 ng  
RT: 7.263 min Scan# 711  
Delta R.T. -0.006 min  
Lab File: BM047593.D  
Acq: 20 Sep 2024 17:40

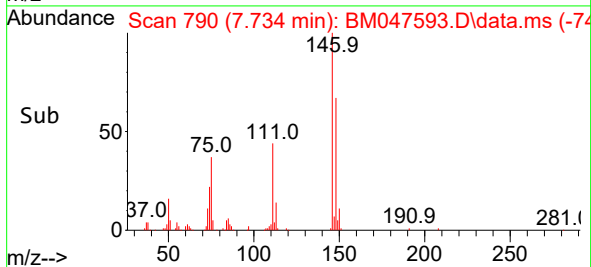
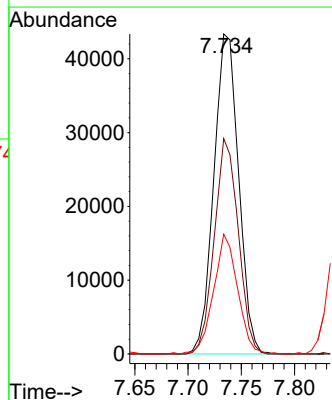
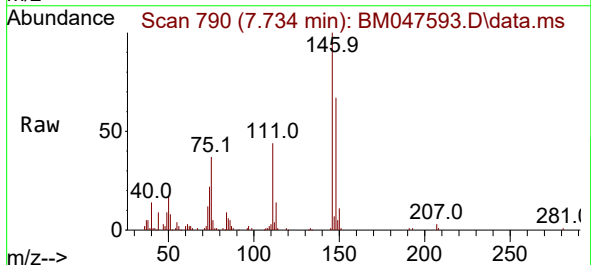
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT2-2024

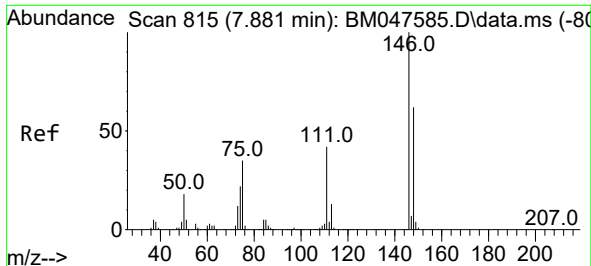
Tgt Ion: 93 Resp: 64254  
Ion Ratio Lower Upper  
93 100  
63 79.4 58.5 98.5  
95 32.5 12.9 52.9



#12  
1,3-Dichlorobenzene  
Concen: 3.078 ng  
RT: 7.734 min Scan# 790  
Delta R.T. -0.006 min  
Lab File: BM047593.D  
Acq: 20 Sep 2024 17:40

Tgt Ion:146 Resp: 70167  
Ion Ratio Lower Upper  
146 100  
148 67.3 51.4 77.2  
75 37.5 28.4 42.6

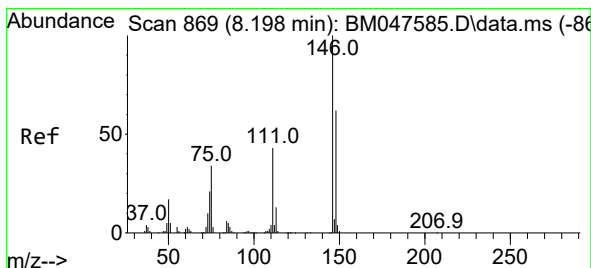
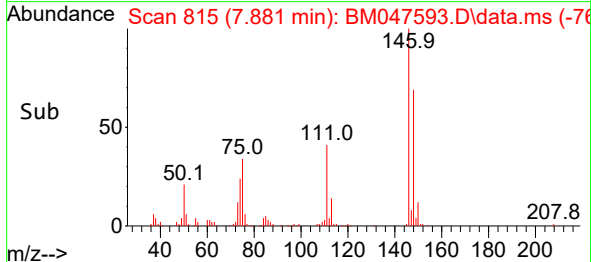
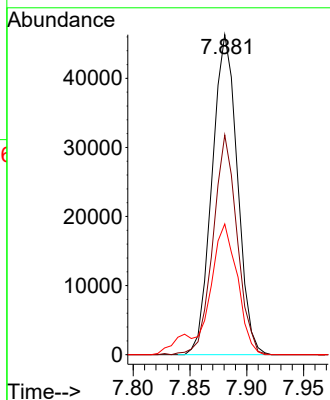
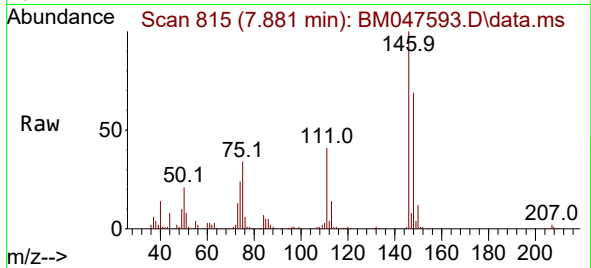




#13  
1,4-Dichlorobenzene  
Concen: 3.116 ng  
RT: 7.881 min Scan# 815  
Delta R.T. -0.000 min  
Lab File: BM047593.D  
Acq: 20 Sep 2024 17:40

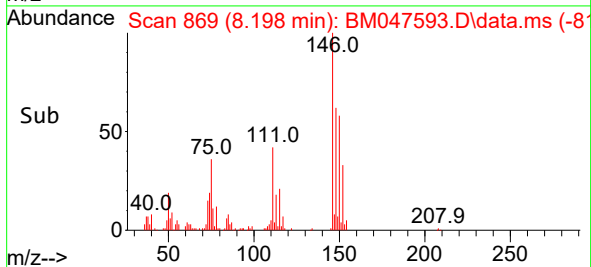
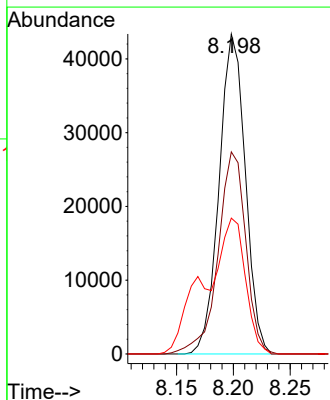
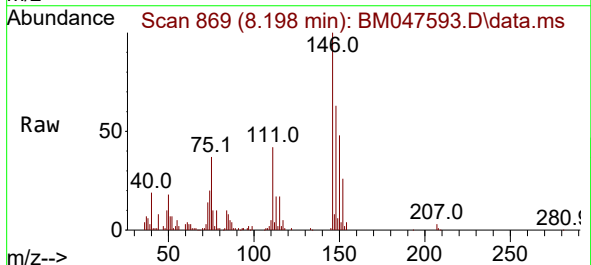
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT2-2024

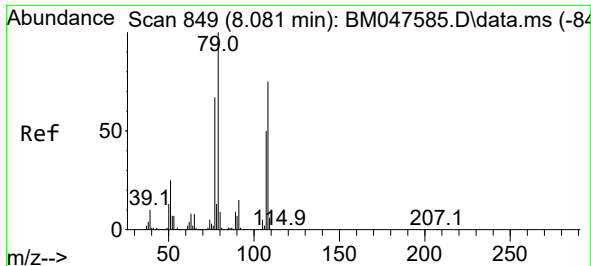
| Tgt Ion:  | 146   | Resp: | 71881 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 68.7  | 49.8  | 74.6  |
| 111       | 40.8  | 33.3  | 49.9  |



#14  
1,2-Dichlorobenzene  
Concen: 3.125 ng  
RT: 8.198 min Scan# 869  
Delta R.T. -0.000 min  
Lab File: BM047593.D  
Acq: 20 Sep 2024 17:40

| Tgt Ion:  | 146   | Resp: | 69496 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 63.2  | 49.7  | 74.5  |
| 111       | 42.4  | 34.8  | 52.2  |

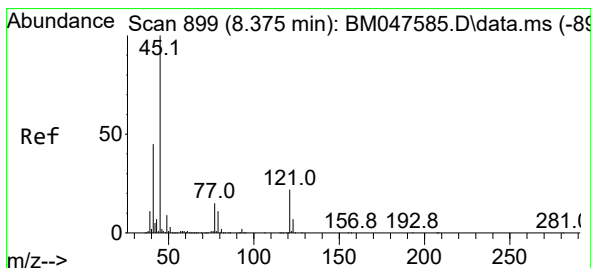
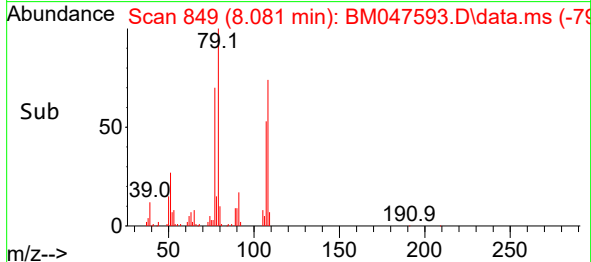
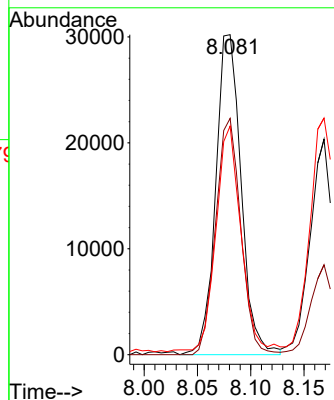
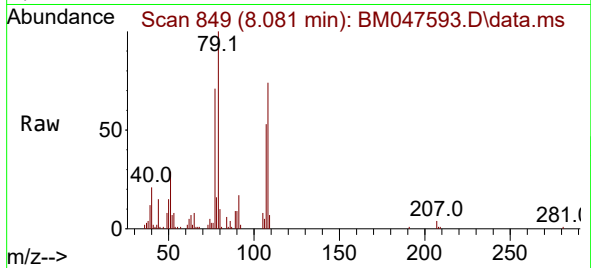




#15  
Benzyl Alcohol  
Concen: 2.984 ng  
RT: 8.081 min Scan# 849  
Delta R.T. -0.000 min  
Lab File: BM047593.D  
Acq: 20 Sep 2024 17:40

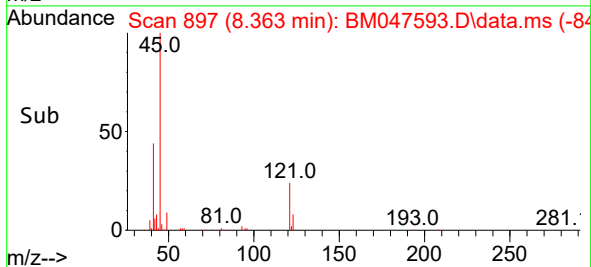
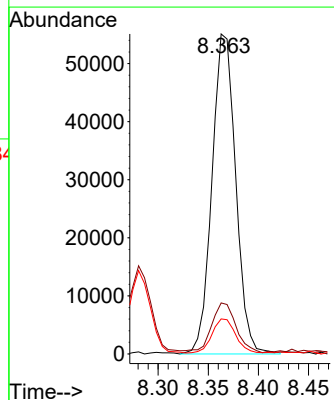
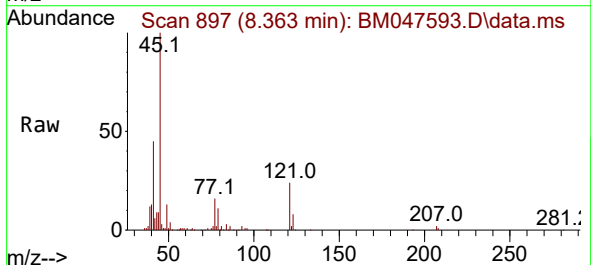
Instrument : BNA\_M  
ClientSampleId : MDL-WATER-03-QT2-2024

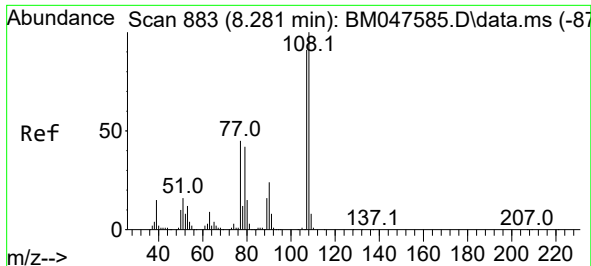
Tgt Ion: 79 Resp: 49966  
Ion Ratio Lower Upper  
79 100  
108 73.9 60.2 90.2  
77 71.5 53.9 80.9



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 3.444 ng  
RT: 8.363 min Scan# 897  
Delta R.T. -0.012 min  
Lab File: BM047593.D  
Acq: 20 Sep 2024 17:40

Tgt Ion: 45 Resp: 90920  
Ion Ratio Lower Upper  
45 100  
77 16.0 0.0 35.5  
79 11.0 0.0 31.6

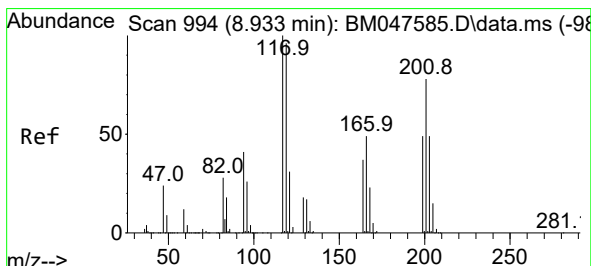
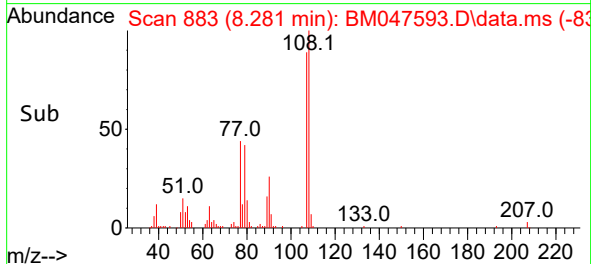
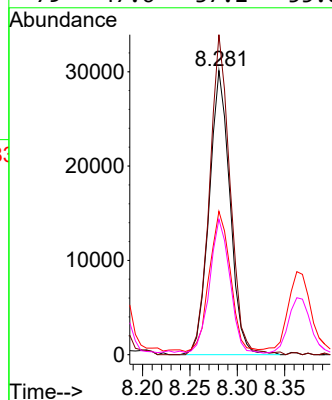
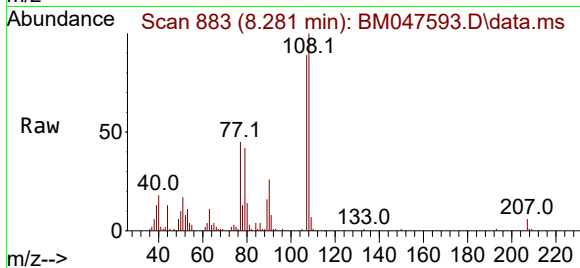




#17  
2-Methylphenol  
Concen: 2.834 ng  
RT: 8.281 min Scan# 883  
Delta R.T. -0.000 min  
Lab File: BM047593.D  
Acq: 20 Sep 2024 17:40

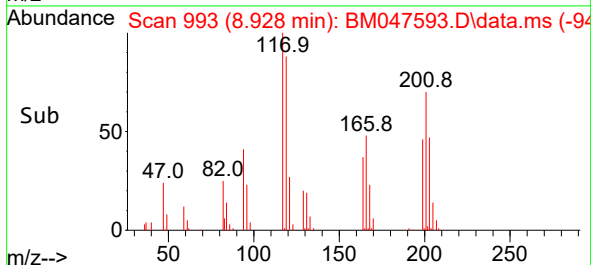
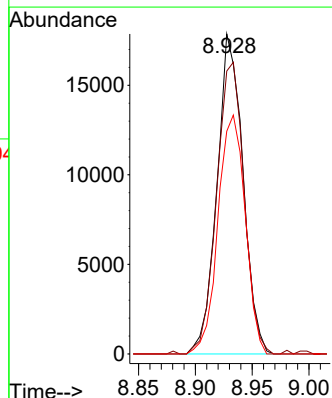
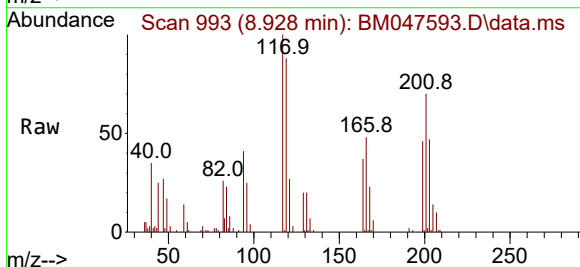
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT2-2024

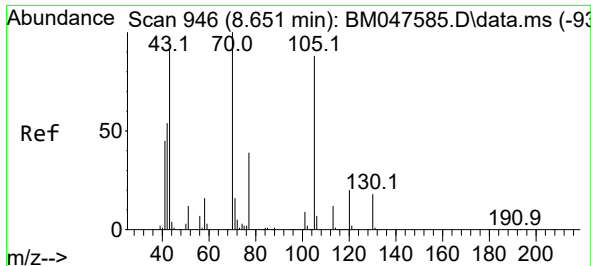
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 45900 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 112.6 | 87.8  | 131.6 |
| 77       | 50.4  | 39.6  | 59.4  |
| 79       | 47.6  | 37.2  | 55.8  |



#18  
Hexachloroethane  
Concen: 3.035 ng  
RT: 8.928 min Scan# 993  
Delta R.T. -0.006 min  
Lab File: BM047593.D  
Acq: 20 Sep 2024 17:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 28396 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 88.4  | 77.2  | 115.8 |
| 201      | 71.9  | 62.3  | 93.5  |

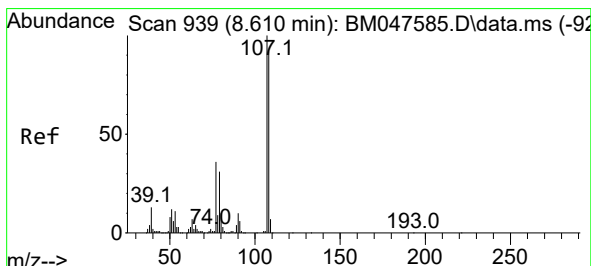
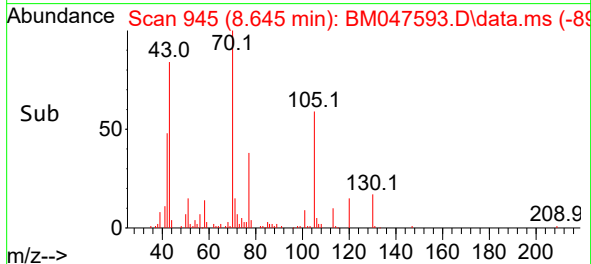
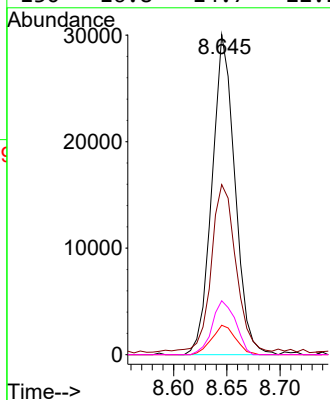
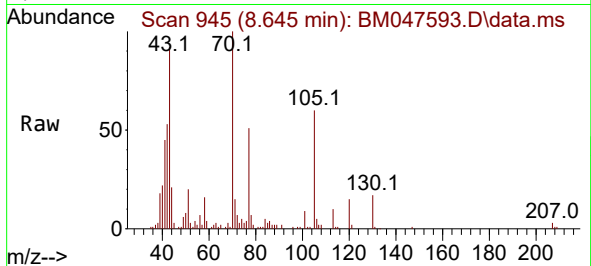




#19  
n-Nitroso-di-n-propylamine  
Concen: 2.826 ng  
RT: 8.645 min Scan# 946  
Delta R.T. -0.006 min  
Lab File: BM047593.D  
Acq: 20 Sep 2024 17:40

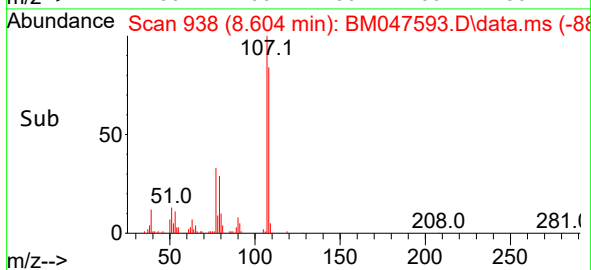
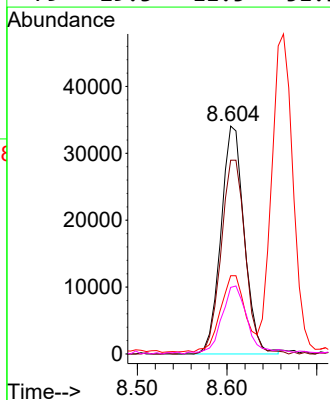
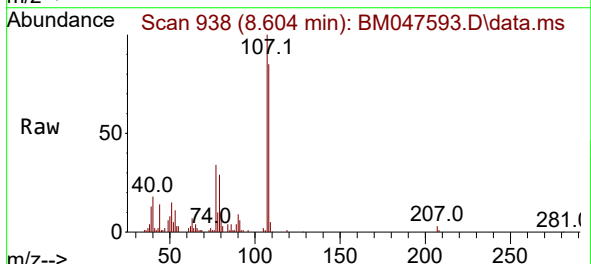
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT2-2024

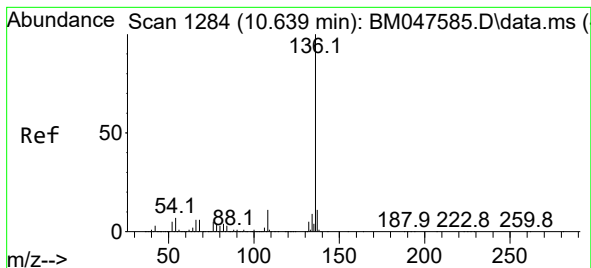
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 44919 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 53.1  | 44.2  | 66.2  |
| 101      | 9.2   | 7.0   | 10.4  |
| 130      | 16.8  | 14.7  | 22.1  |



#20  
3+4-Methylphenols  
Concen: 2.787 ng  
RT: 8.604 min Scan# 938  
Delta R.T. -0.006 min  
Lab File: BM047593.D  
Acq: 20 Sep 2024 17:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 61478 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 85.0  | 71.8  | 111.8 |
| 77       | 34.4  | 16.1  | 56.1  |
| 79       | 29.3  | 11.5  | 51.5  |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.639 min Scan# 1284

Delta R.T. -0.000 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT2-2024

Tgt Ion:136 Resp: 1251619

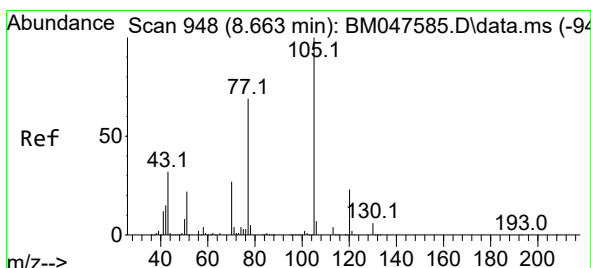
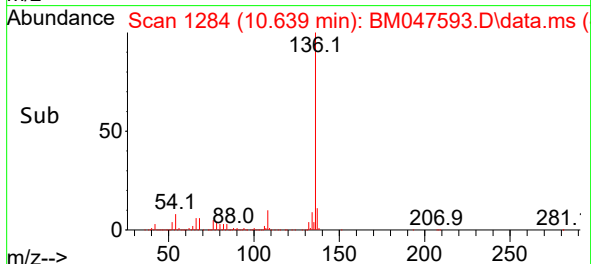
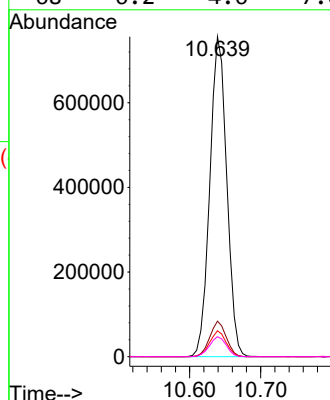
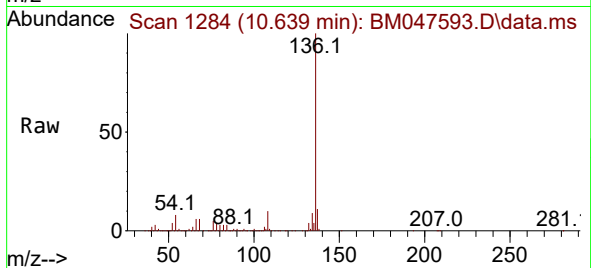
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 8.1 6.0 9.0

68 6.2 4.6 7.0



#22

Acetophenone

Concen: 2.899 ng

RT: 8.663 min Scan# 948

Delta R.T. -0.000 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

Tgt Ion:105 Resp: 94535

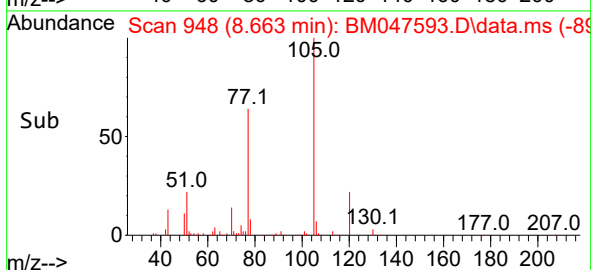
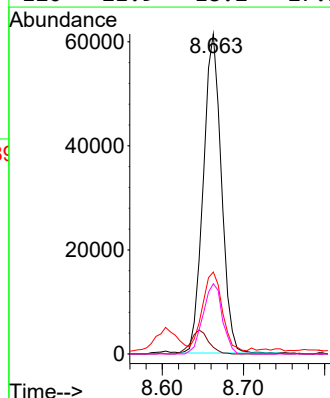
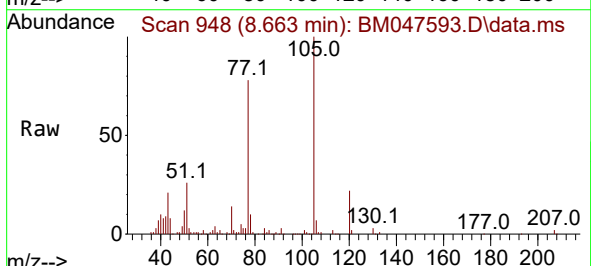
Ion Ratio Lower Upper

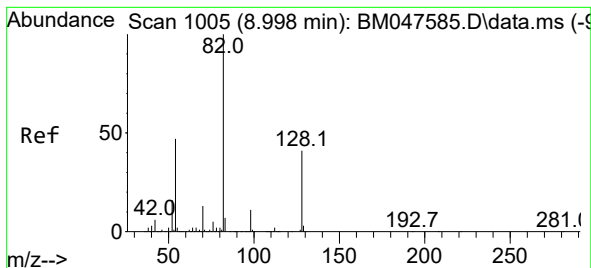
105 100

71 2.1 3.4 5.2#

51 25.6 21.4 32.2

120 21.9 18.2 27.2





#23

Nitrobenzene-d5

Concen: 65.729 ng

RT: 8.998 min Scan# 1005

Delta R.T. -0.000 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT2-2024

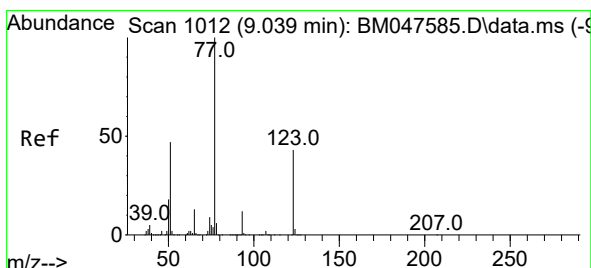
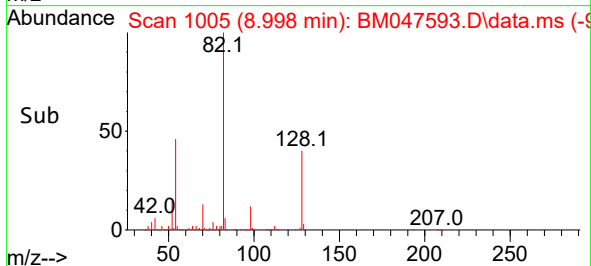
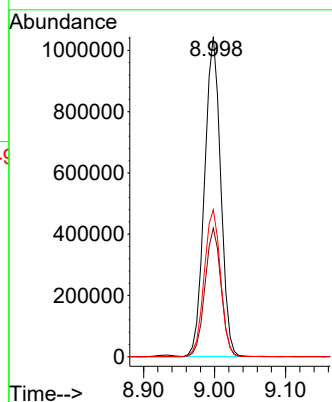
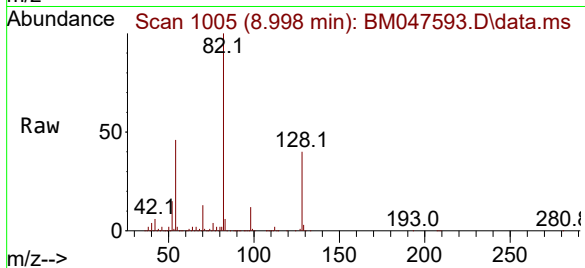
Tgt Ion: 82 Resp: 1652605

Ion Ratio Lower Upper

82 100

128 40.2 32.5 48.7

54 45.9 37.5 56.3



#24

Nitrobenzene

Concen: 3.118 ng

RT: 9.039 min Scan# 1012

Delta R.T. -0.000 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

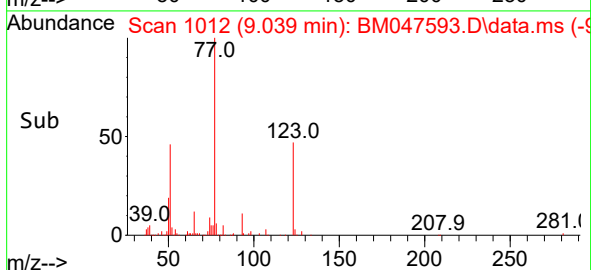
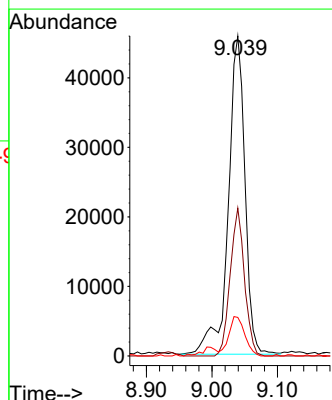
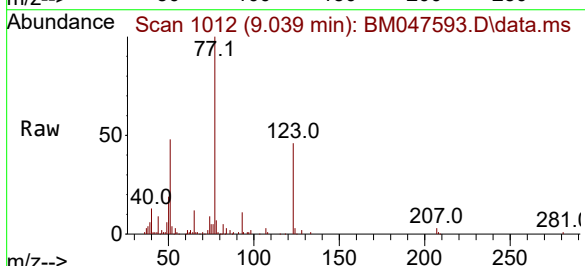
Tgt Ion: 77 Resp: 80962

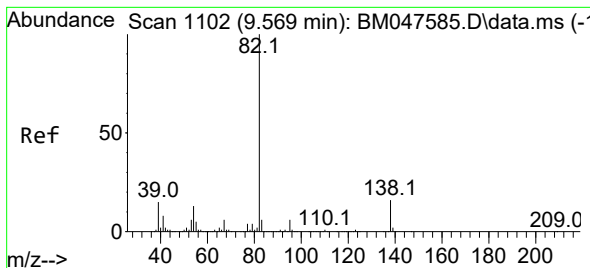
Ion Ratio Lower Upper

77 100

123 46.2 34.1 51.1

65 12.1 10.7 16.1





#25

Isophorone

Concen: 2.687 ng

RT: 9.569 min Scan# 1102

Delta R.T. -0.000 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT2-2024

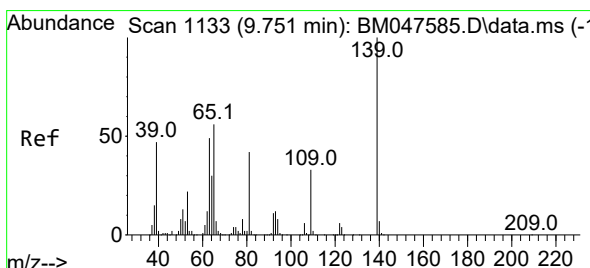
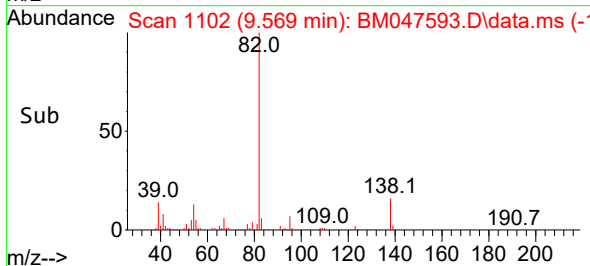
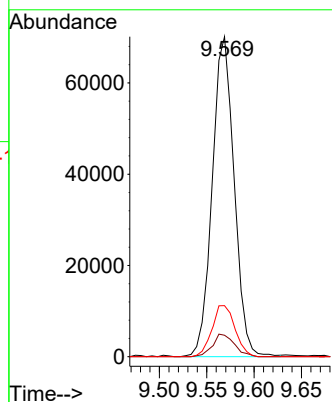
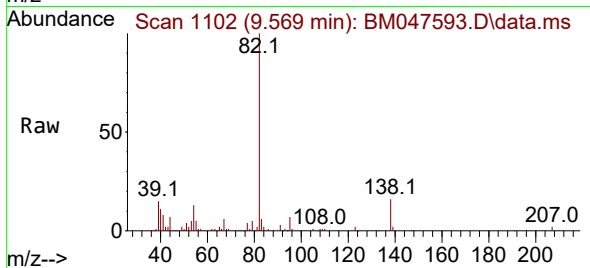
Tgt Ion: 82 Resp: 112906

Ion Ratio Lower Upper

82 100

95 6.7 5.0 7.6

138 15.9 12.9 19.3



#26

2-Nitrophenol

Concen: 2.200 ng

RT: 9.751 min Scan# 1133

Delta R.T. -0.000 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

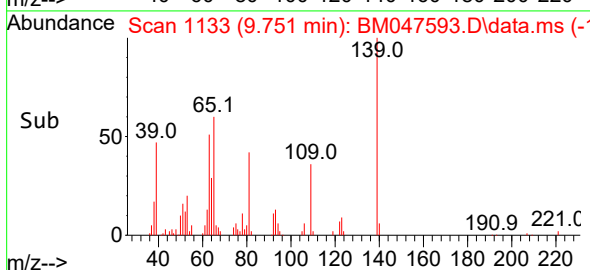
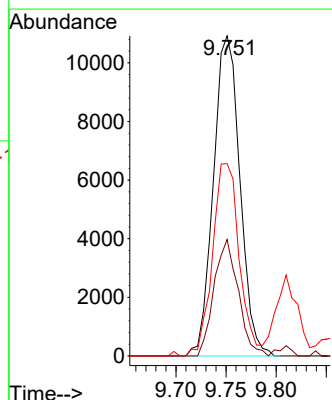
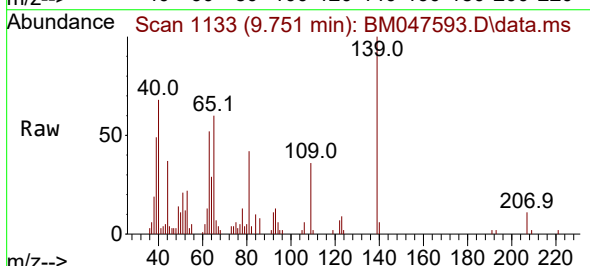
Tgt Ion: 139 Resp: 20091

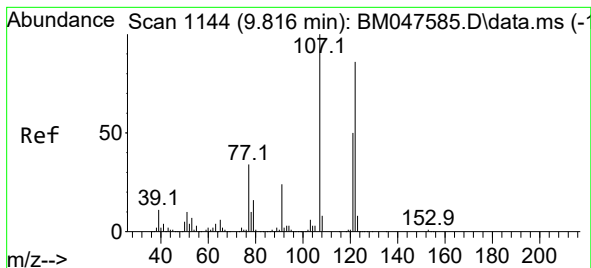
Ion Ratio Lower Upper

139 100

109 36.4 26.1 39.1

65 60.1 44.7 67.1





#27

2,4-Dimethylphenol

Concen: 2.777 ng

RT: 9.810 min Scan# 1143

Delta R.T. -0.006 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT2-2024

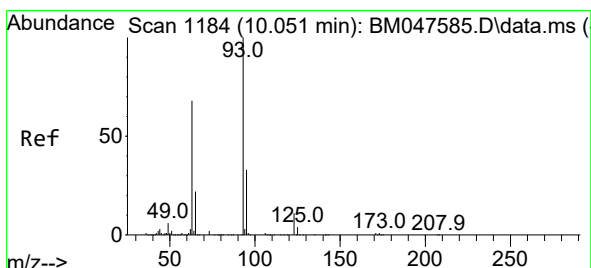
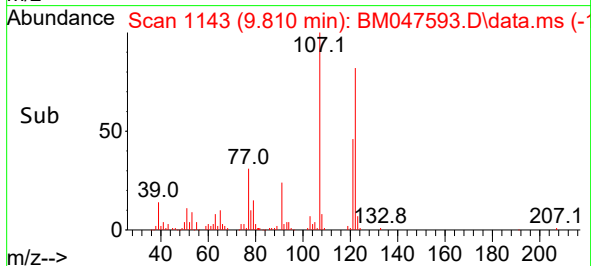
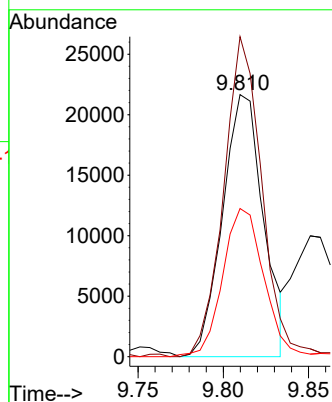
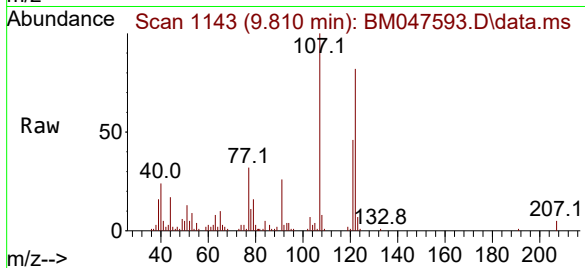
Tgt Ion:122 Resp: 36142

Ion Ratio Lower Upper

122 100

107 122.1 92.2 138.2

121 56.5 45.8 68.6



#28

bis(2-Chloroethoxy)methane

Concen: 2.859 ng

RT: 10.045 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

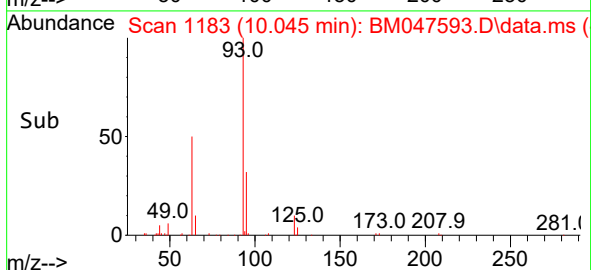
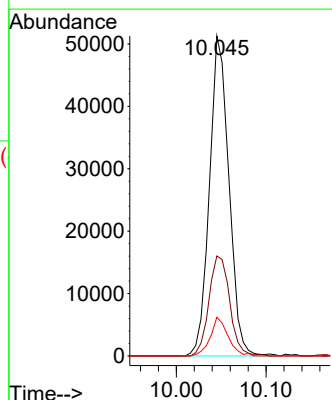
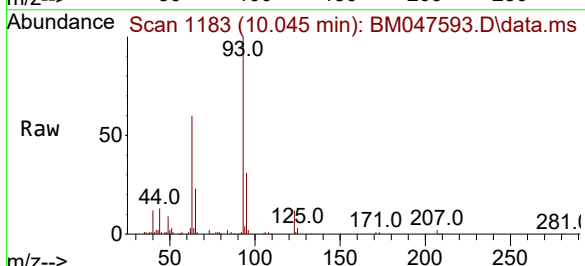
Tgt Ion: 93 Resp: 77278

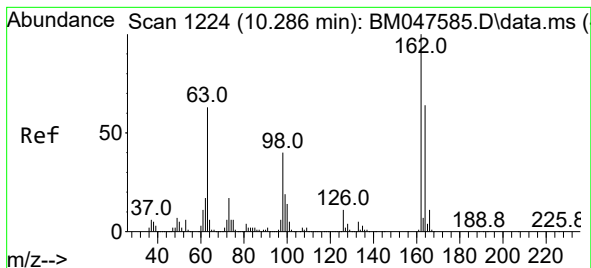
Ion Ratio Lower Upper

93 100

95 31.3 26.2 39.4

123 12.1 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 2.508 ng

RT: 10.286 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT2-2024

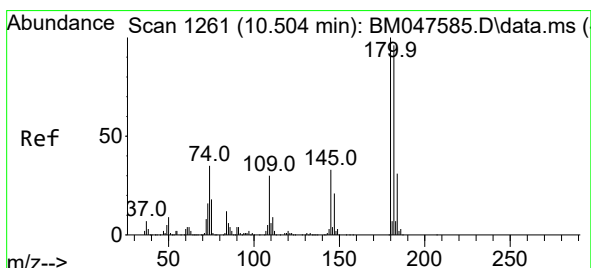
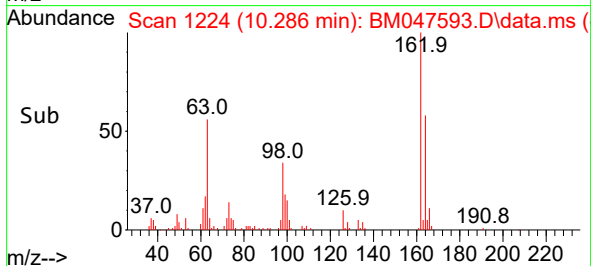
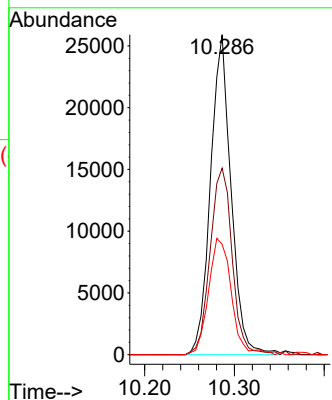
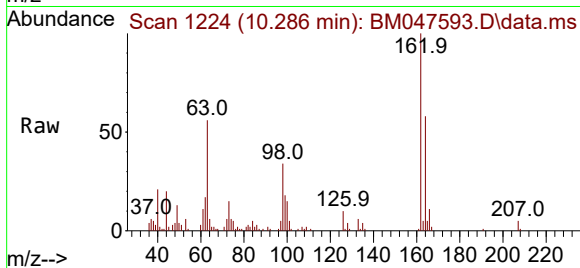
Tgt Ion:162 Resp: 41260

Ion Ratio Lower Upper

162 100

164 58.3 43.9 83.9

98 34.5 20.3 60.3



#30

1,2,4-Trichlorobenzene

Concen: 2.823 ng

RT: 10.504 min Scan# 1261

Delta R.T. -0.000 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

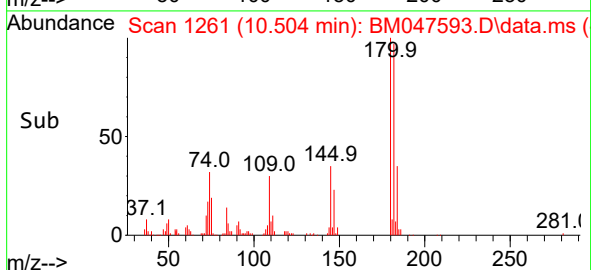
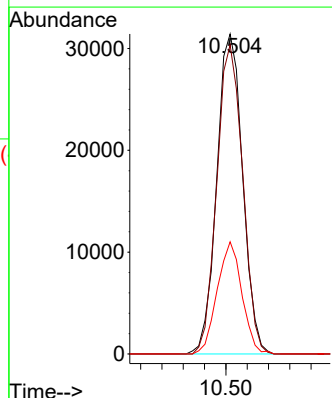
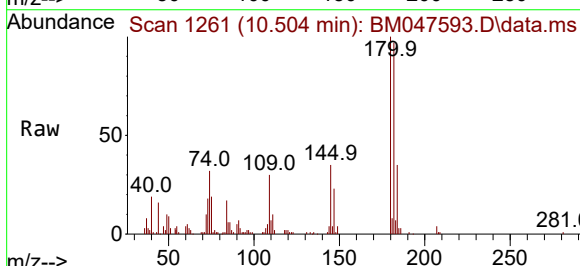
Tgt Ion:180 Resp: 52948

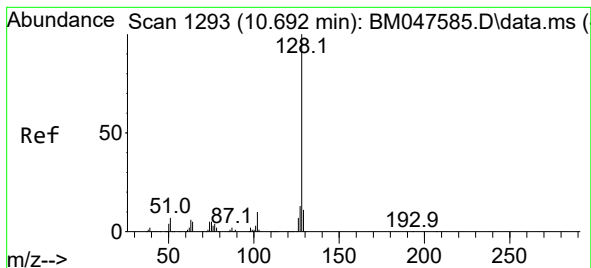
Ion Ratio Lower Upper

180 100

182 96.6 76.6 115.0

145 35.0 26.2 39.2





#31

Naphthalene

Concen: 2.841 ng

RT: 10.692 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT2-2024

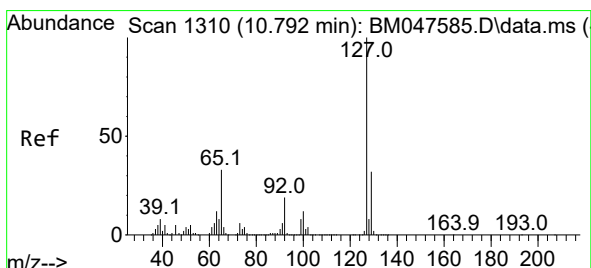
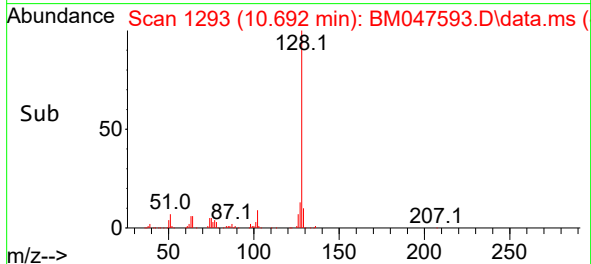
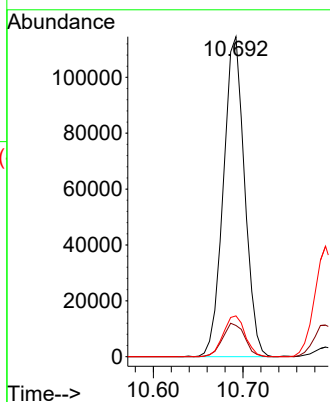
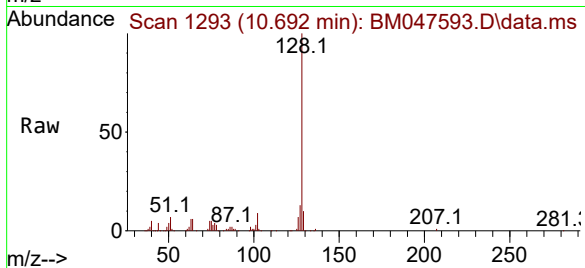
Tgt Ion:128 Resp: 188106

Ion Ratio Lower Upper

128 100

129 9.7 8.8 13.2

127 12.7 10.3 15.5



#33

4-Chloroaniline

Concen: 2.894 ng

RT: 10.792 min Scan# 1310

Delta R.T. -0.000 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

Tgt Ion:127 Resp: 67557

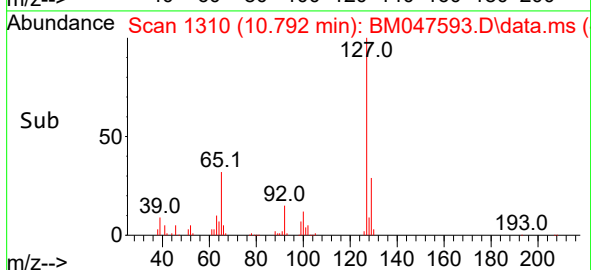
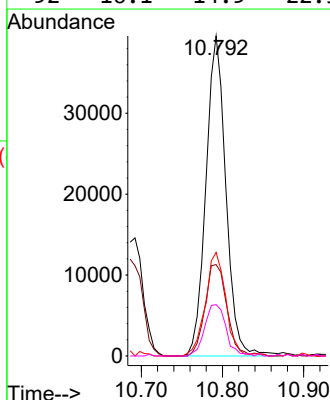
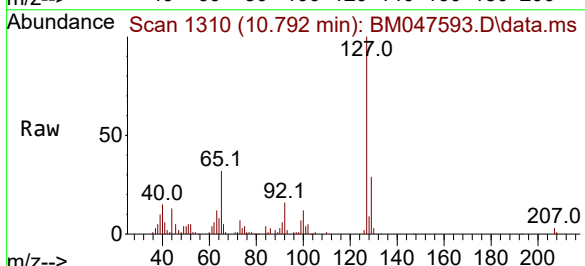
Ion Ratio Lower Upper

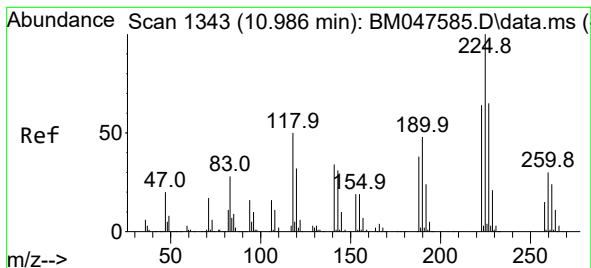
127 100

129 28.6 25.6 38.4

65 32.4 26.1 39.1

92 16.1 14.9 22.3





#34

Hexachlorobutadiene

Concen: 2.686 ng

RT: 10.986 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT2-2024

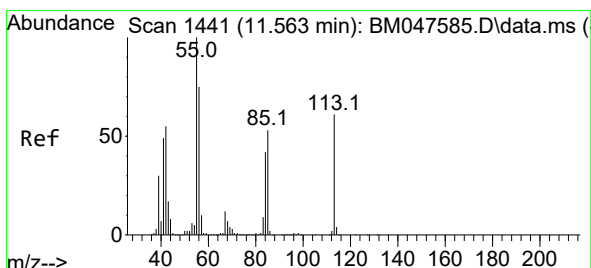
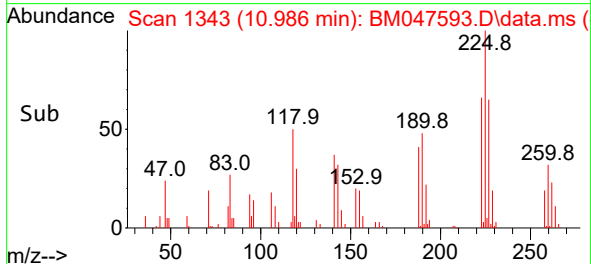
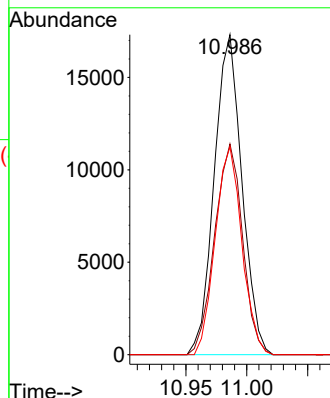
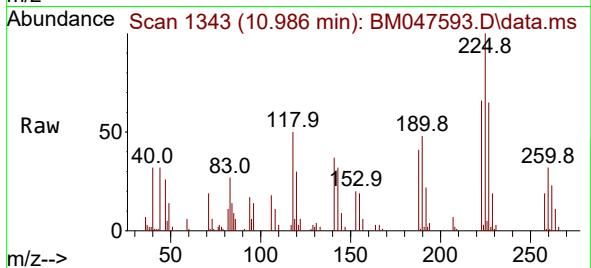
Tgt Ion:225 Resp: 27413

Ion Ratio Lower Upper

225 100

223 65.9 51.4 77.0

227 65.0 52.1 78.1



#35

Caprolactam

Concen: 2.000 ng

RT: 11.545 min Scan# 1438

Delta R.T. -0.018 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

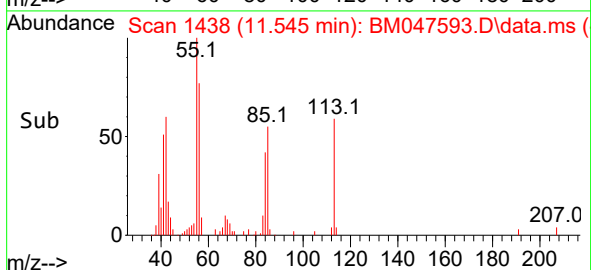
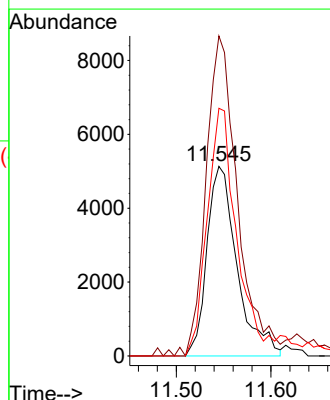
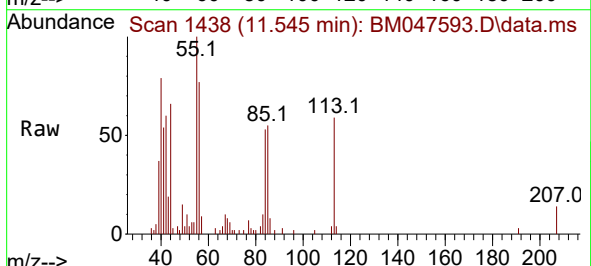
Tgt Ion:113 Resp: 11376

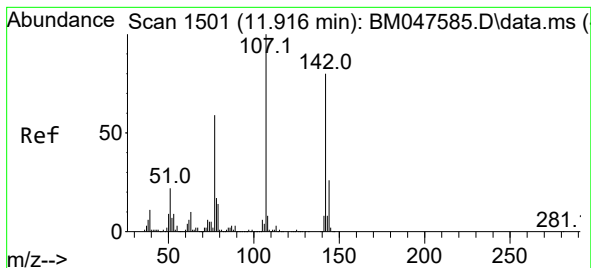
Ion Ratio Lower Upper

113 100

55 168.7 145.5 185.5

56 130.6 103.9 143.9

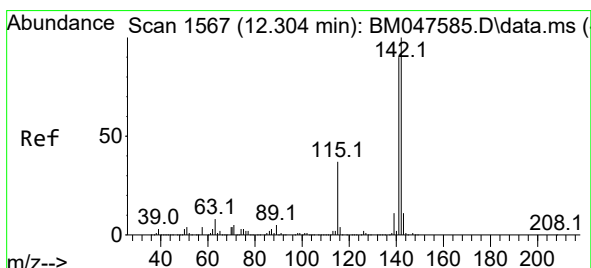
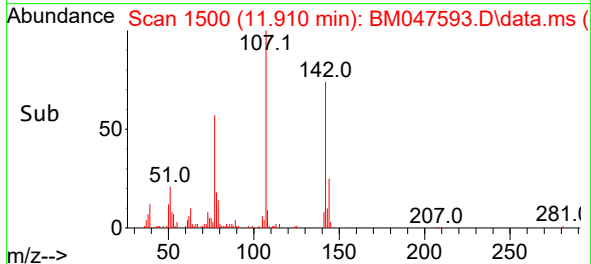
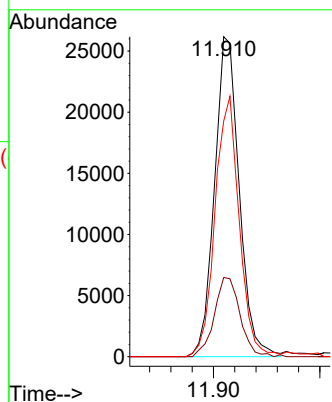
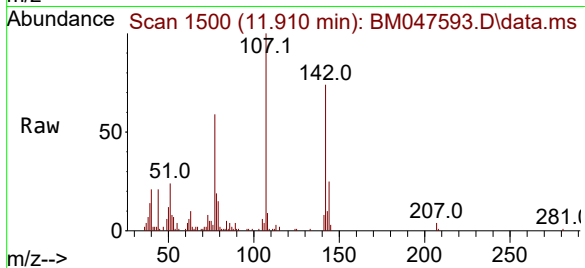




#36  
4-Chloro-3-methylphenol  
Concen: 2.246 ng  
RT: 11.910 min Scan# 1501  
Delta R.T. -0.006 min  
Lab File: BM047593.D  
Acq: 20 Sep 2024 17:40

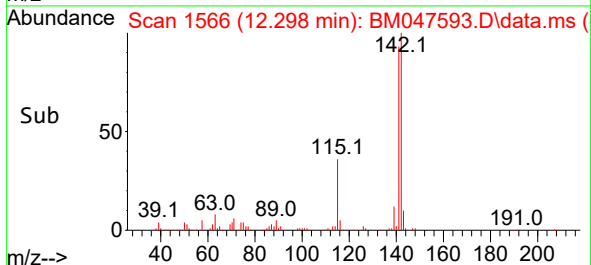
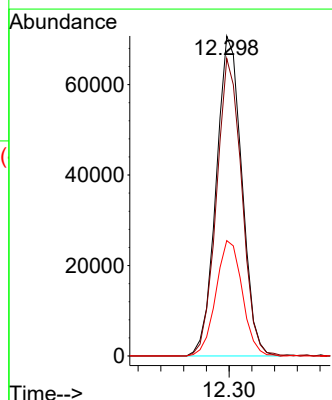
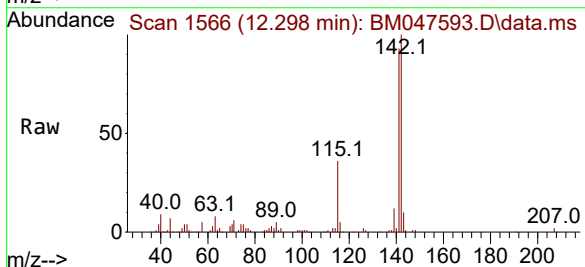
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT2-2024

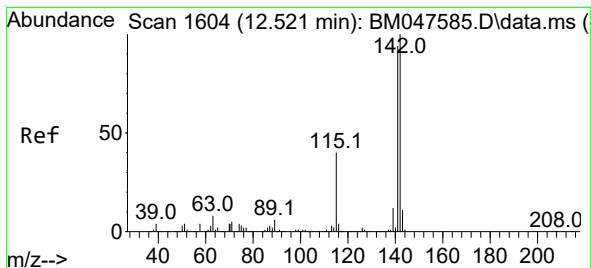
Tgt Ion:107 Resp: 42165  
Ion Ratio Lower Upper  
107 100  
144 24.7 20.7 31.1  
142 73.6 63.9 95.9



#37  
2-Methylnaphthalene  
Concen: 2.663 ng  
RT: 12.298 min Scan# 1566  
Delta R.T. -0.006 min  
Lab File: BM047593.D  
Acq: 20 Sep 2024 17:40

Tgt Ion:142 Resp: 110797  
Ion Ratio Lower Upper  
142 100  
141 93.0 71.7 107.5  
115 36.0 29.5 44.3





#38

1-Methylnaphthalene

Concen: 2.482 ng

RT: 12.521 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT2-2024

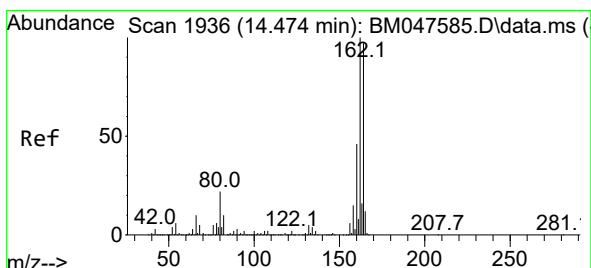
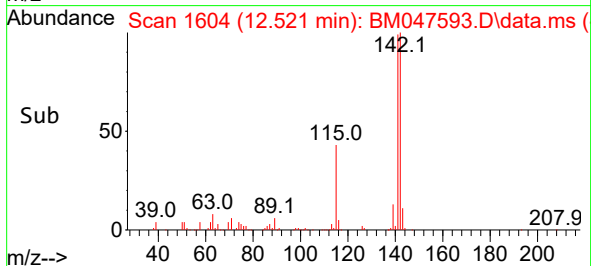
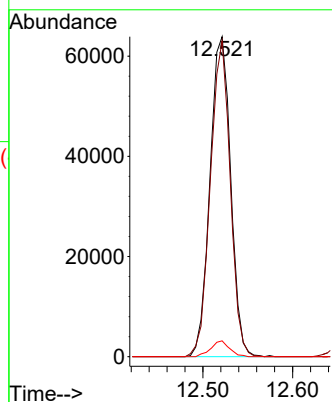
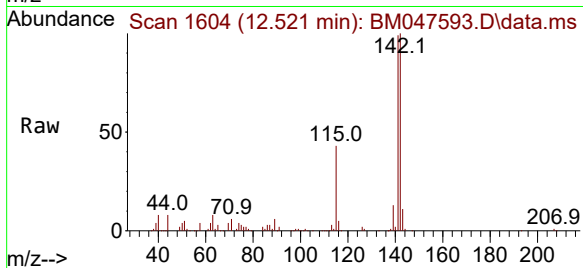
Tgt Ion:142 Resp: 102440

Ion Ratio Lower Upper

142 100

141 98.7 75.3 112.9

116 4.9 3.0 4.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.474 min Scan# 1936

Delta R.T. 0.000 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

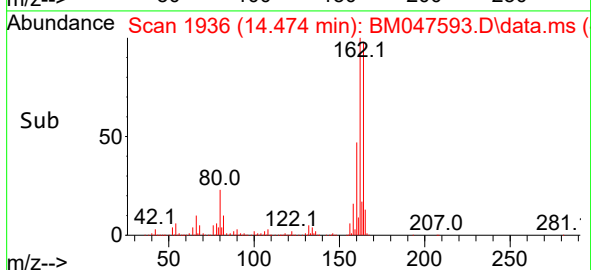
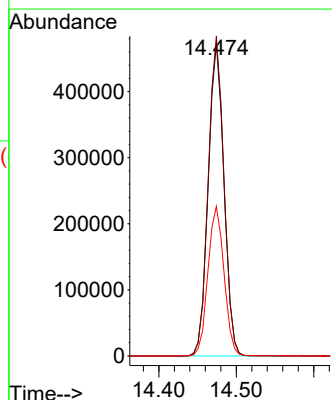
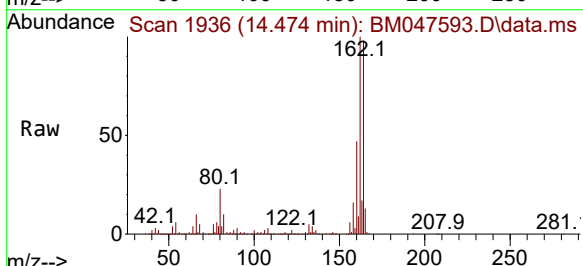
Tgt Ion:164 Resp: 664447

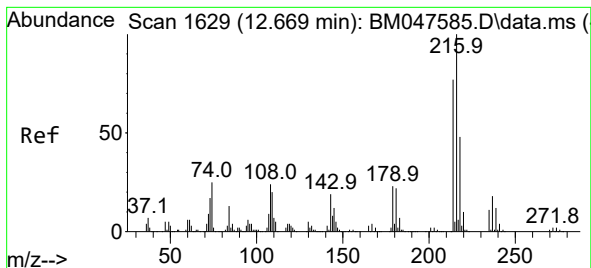
Ion Ratio Lower Upper

164 100

162 102.5 82.6 123.8

160 47.9 37.8 56.6

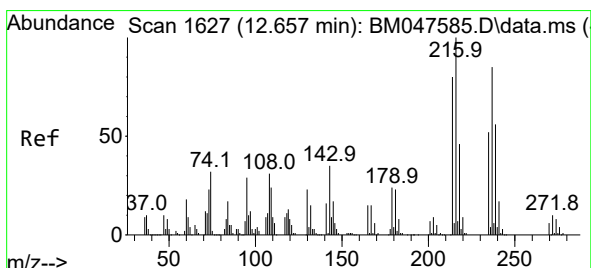
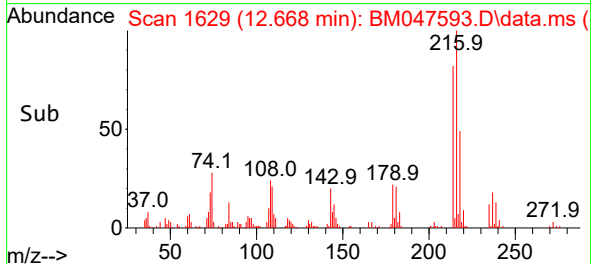
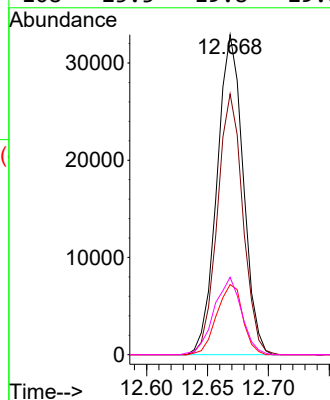
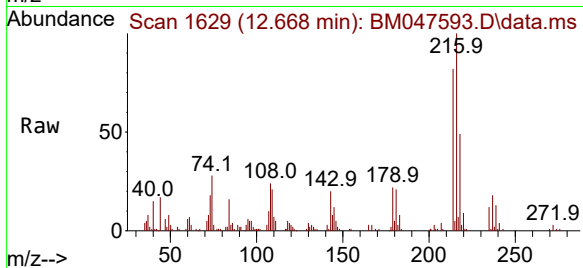




#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 2.808 ng  
RT: 12.668 min Scan# 1629  
Delta R.T. -0.000 min  
Lab File: BM047593.D  
Acq: 20 Sep 2024 17:40

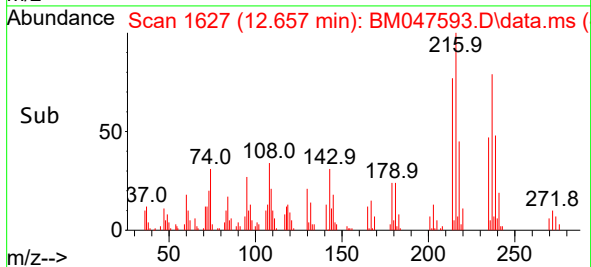
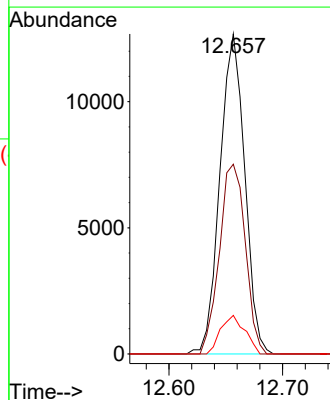
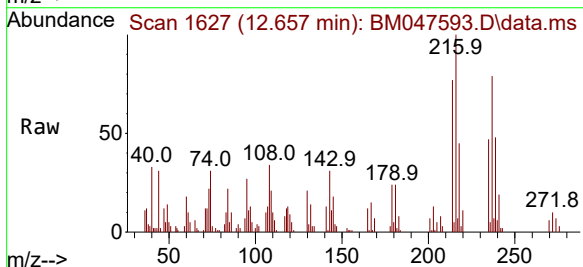
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT2-2024

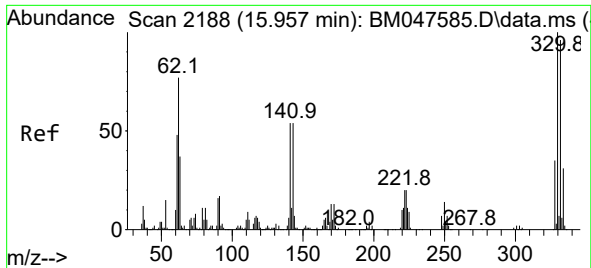
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 216   | Resp: | 49237 |
| Ion      | Ratio | Lower | Upper |
| 216      | 100   |       |       |
| 214      | 79.2  | 62.8  | 94.2  |
| 179      | 21.8  | 18.5  | 27.7  |
| 108      | 25.5  | 19.8  | 29.8  |



#41  
Hexachlorocyclopentadiene  
Concen: 3.321 ng  
RT: 12.657 min Scan# 1627  
Delta R.T. -0.000 min  
Lab File: BM047593.D  
Acq: 20 Sep 2024 17:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 19227 |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 59.3  | 41.2  | 81.2  |
| 272      | 12.1  | 0.0   | 32.0  |

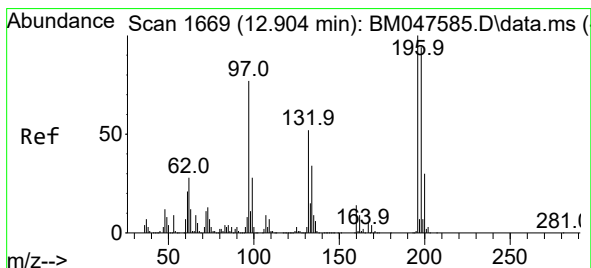
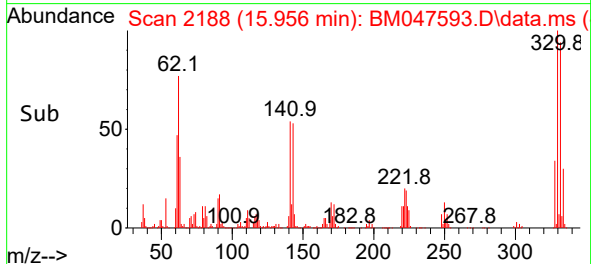
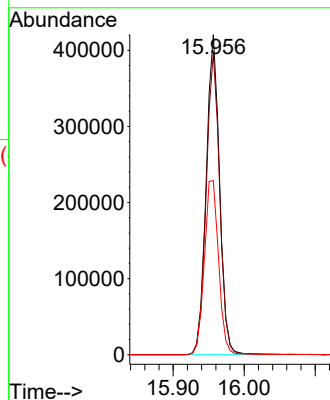
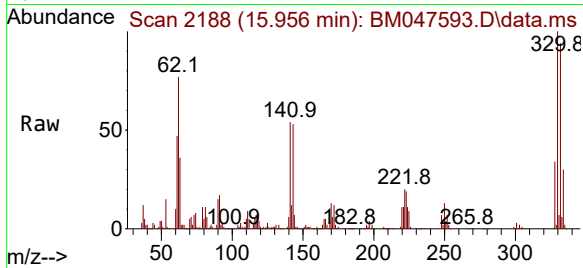




#42  
2,4,6-Tribromophenol  
Concen: 89.736 ng  
RT: 15.956 min Scan# 2188  
Delta R.T. -0.000 min  
Lab File: BM047593.D  
Acq: 20 Sep 2024 17:40

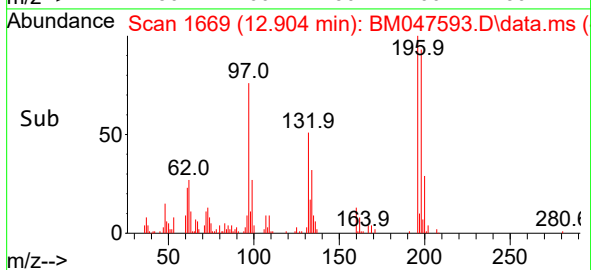
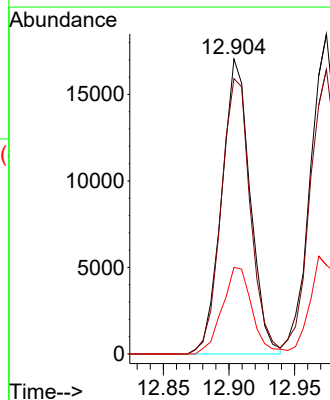
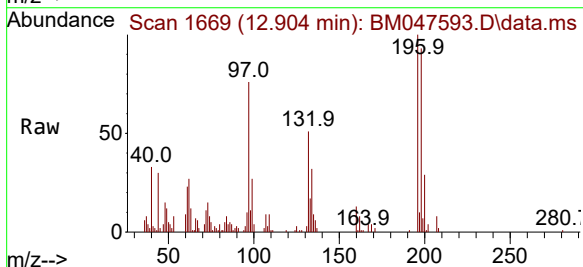
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT2-2024

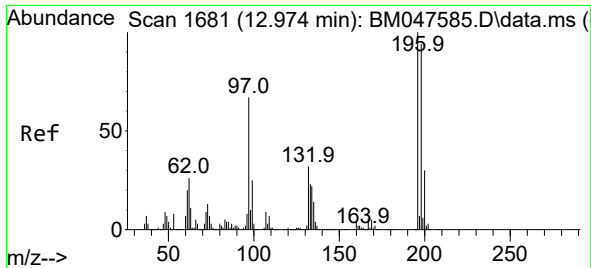
Tgt Ion:330 Resp: 552108  
Ion Ratio Lower Upper  
330 100  
332 94.9 77.0 115.4  
141 58.1 45.9 68.9



#43  
2,4,6-Trichlorophenol  
Concen: 2.265 ng  
RT: 12.904 min Scan# 1669  
Delta R.T. -0.000 min  
Lab File: BM047593.D  
Acq: 20 Sep 2024 17:40

Tgt Ion:196 Resp: 25816  
Ion Ratio Lower Upper  
196 100  
198 93.4 75.5 113.3  
200 29.4 24.3 36.5

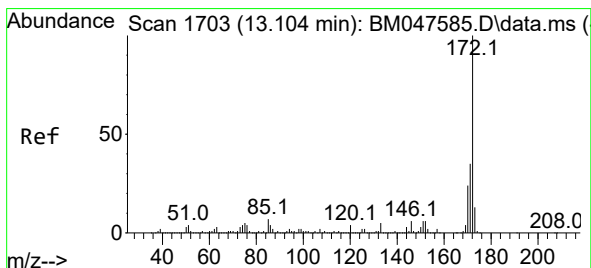
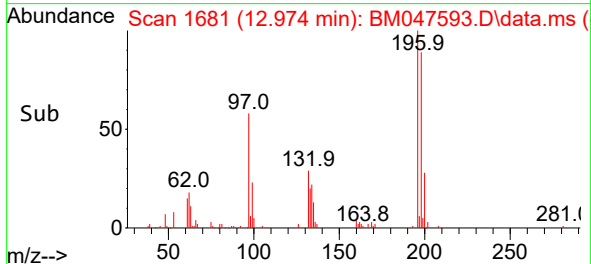
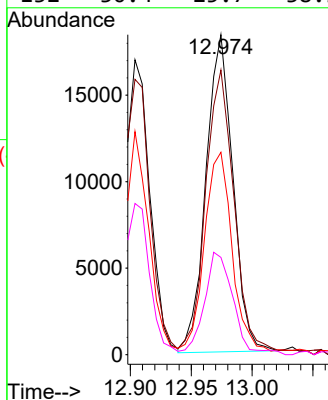
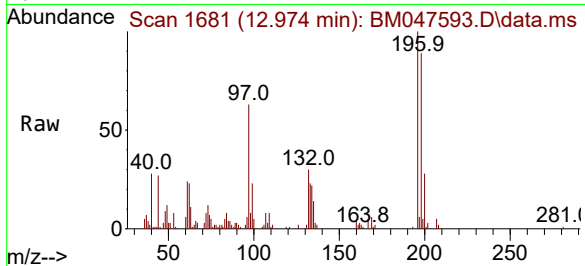




#44  
2,4,5-Trichlorophenol  
Concen: 2.209 ng  
RT: 12.974 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BM047593.D  
Acq: 20 Sep 2024 17:40

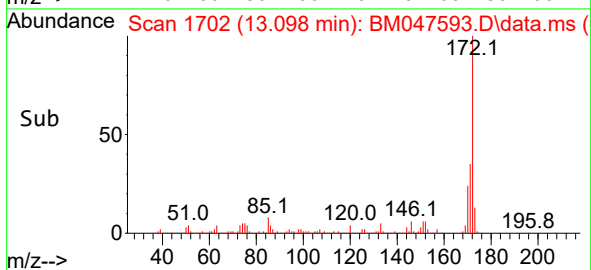
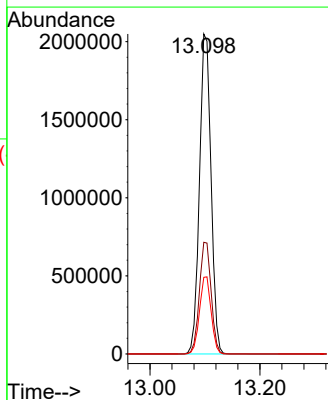
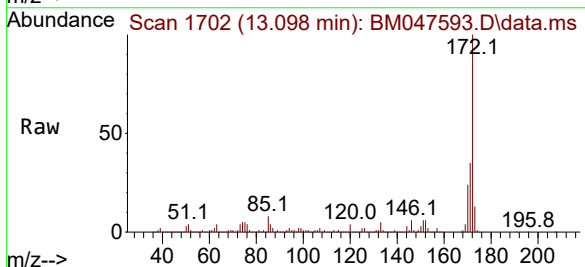
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT2-2024

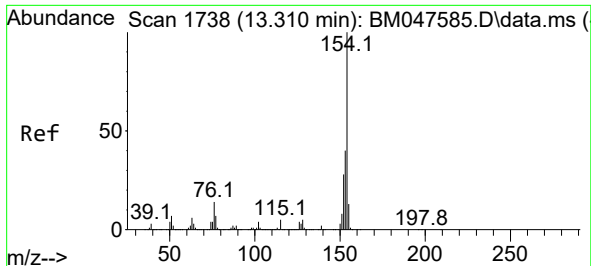
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:196 | Resp: | 28291      |
| Ion Ratio   | Lower | Upper      |
| 196         | 100   |            |
| 198         | 88.9  | 75.5 113.3 |
| 97          | 63.2  | 53.5 80.3  |
| 132         | 30.4  | 25.7 38.5  |



#45  
2-Fluorobiphenyl  
Concen: 63.724 ng  
RT: 13.098 min Scan# 1702  
Delta R.T. -0.006 min  
Lab File: BM047593.D  
Acq: 20 Sep 2024 17:40

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:172 | Resp: | 2992391   |
| Ion Ratio   | Lower | Upper     |
| 172         | 100   |           |
| 171         | 34.9  | 28.1 42.1 |
| 170         | 23.9  | 19.0 28.6 |

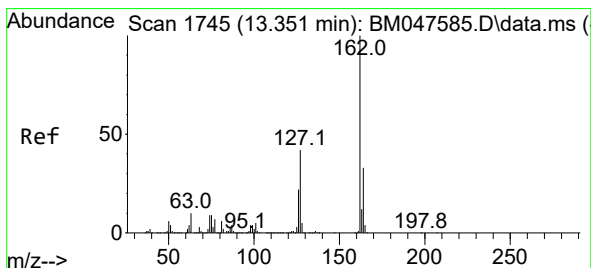
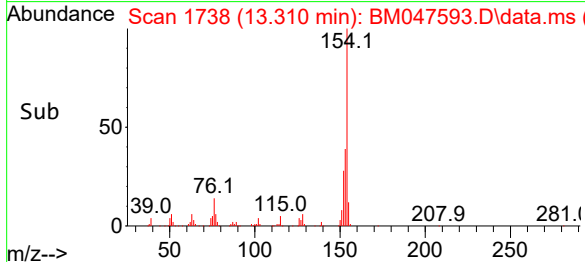
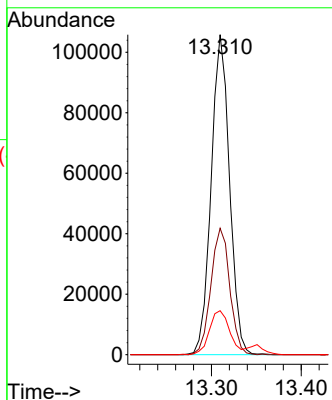
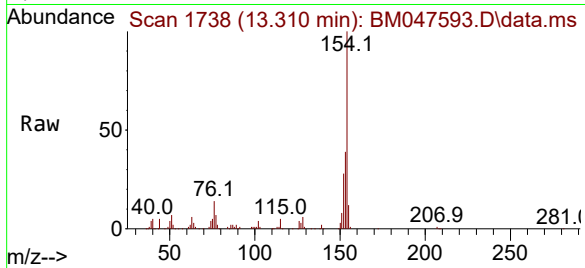




#46  
1,1'-Biphenyl  
Concen: 2.932 ng  
RT: 13.310 min Scan# 1738  
Delta R.T. -0.000 min  
Lab File: BM047593.D  
Acq: 20 Sep 2024 17:40

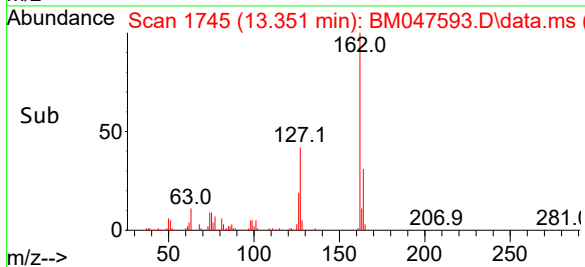
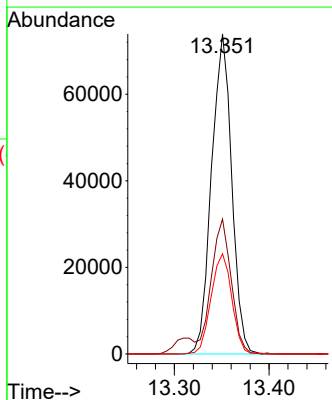
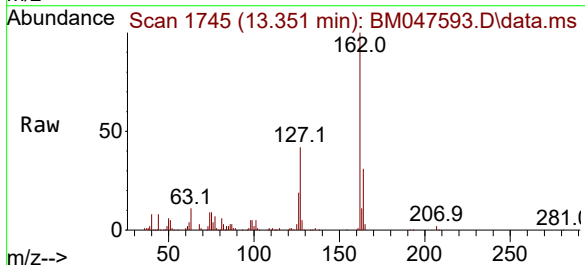
Instrument : BNA\_M  
ClientSampleId : MDL-WATER-03-QT2-2024

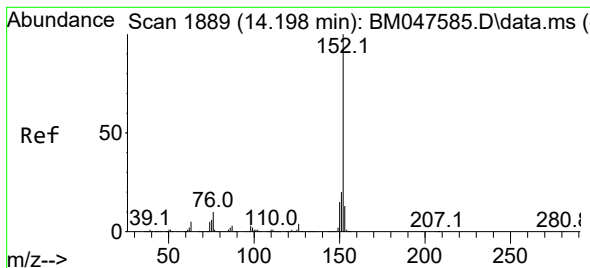
Tgt Ion:154 Resp: 150434  
Ion Ratio Lower Upper  
154 100  
153 39.5 19.9 59.9  
76 13.8 0.0 34.5



#47  
2-Chloronaphthalene  
Concen: 2.729 ng  
RT: 13.351 min Scan# 1745  
Delta R.T. -0.000 min  
Lab File: BM047593.D  
Acq: 20 Sep 2024 17:40

Tgt Ion:162 Resp: 109567  
Ion Ratio Lower Upper  
162 100  
127 42.2 33.8 50.6  
164 31.3 26.2 39.4





#49

Acenaphthylene

Concen: 2.752 ng

RT: 14.192 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT2-2024

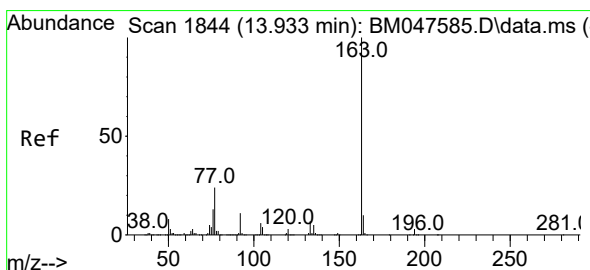
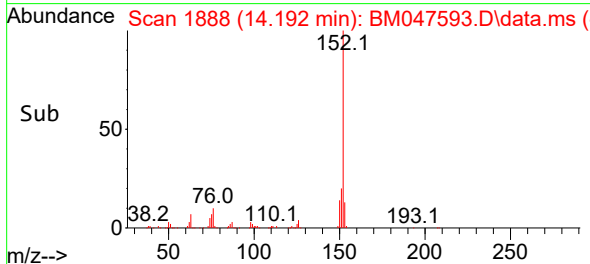
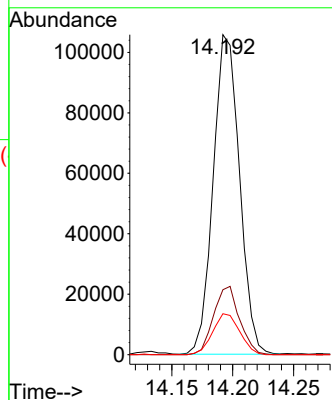
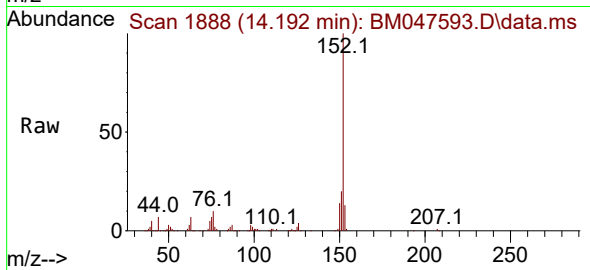
Tgt Ion:152 Resp: 158994

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.2

153 12.8 10.4 15.6



#50

Dimethylphthalate

Concen: 2.653 ng

RT: 13.927 min Scan# 1843

Delta R.T. -0.006 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

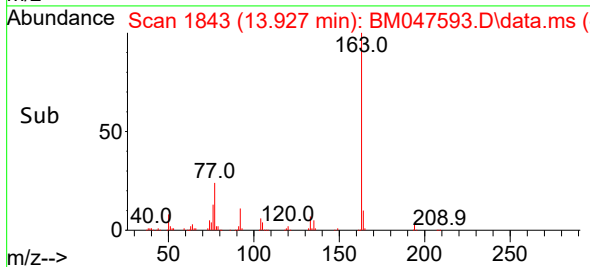
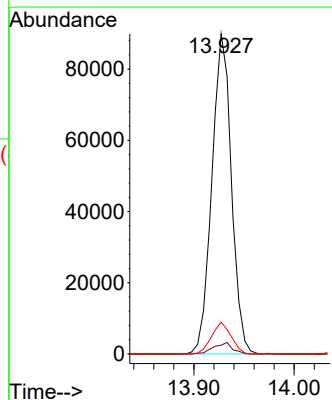
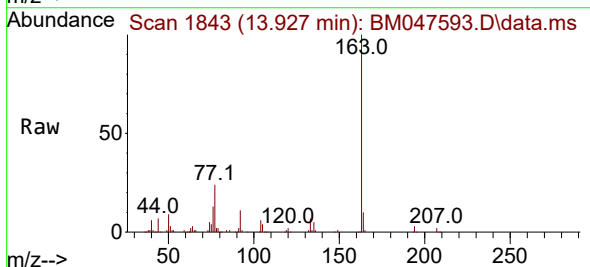
Tgt Ion:163 Resp: 121698

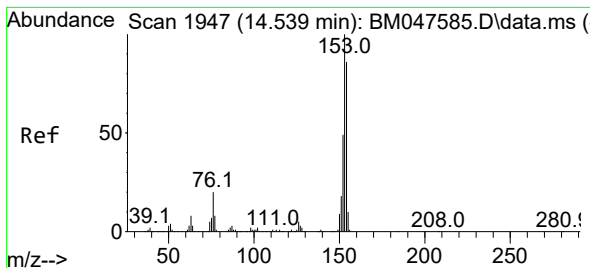
Ion Ratio Lower Upper

163 100

194 2.8 2.7 4.1

164 10.0 8.2 12.2





#52

Acenaphthene

Concen: 2.617 ng

RT: 14.539 min Scan# 1947

Delta R.T. -0.000 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT2-2024

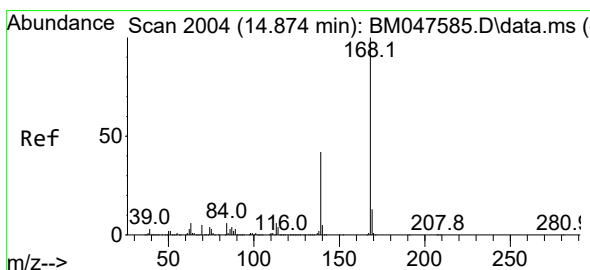
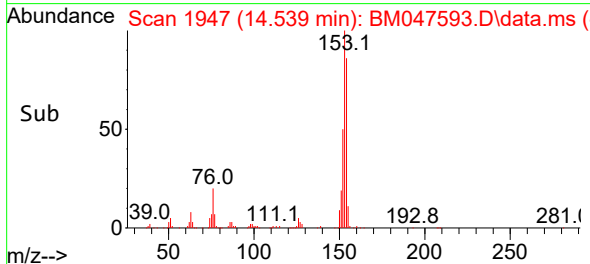
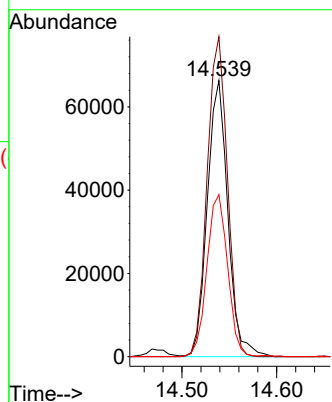
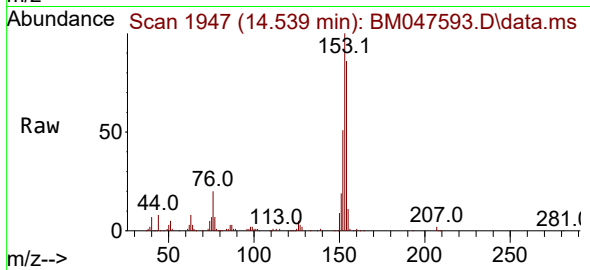
Tgt Ion:154 Resp: 99905

Ion Ratio Lower Upper

154 100

153 115.9 92.8 139.2

152 58.7 45.7 68.5



#55

Dibenzofuran

Concen: 2.757 ng

RT: 14.868 min Scan# 2003

Delta R.T. -0.006 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

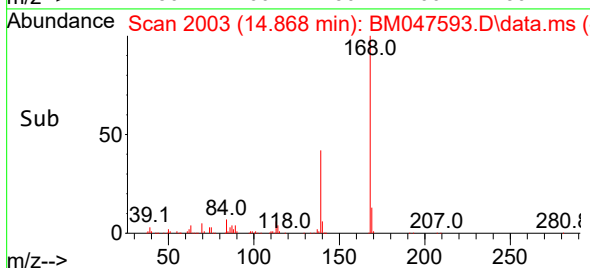
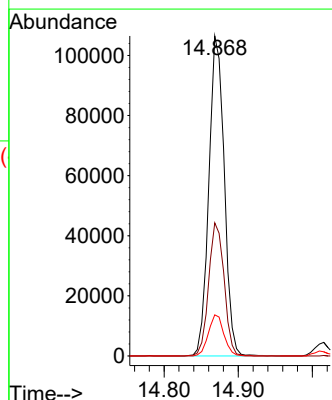
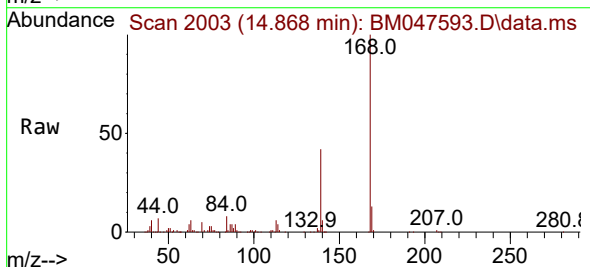
Tgt Ion:168 Resp: 153808

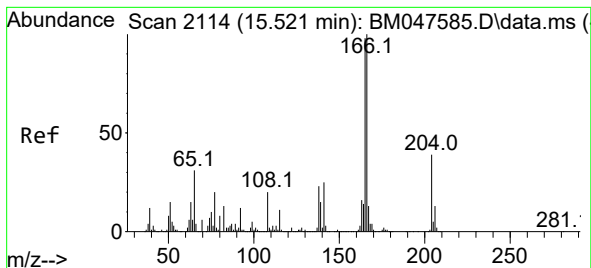
Ion Ratio Lower Upper

168 100

139 41.6 33.4 50.2

169 12.8 10.4 15.6





#58

Fluorene

Concen: 2.345 ng

RT: 15.515 min Scan# 2114

Delta R.T. -0.006 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT2-2024

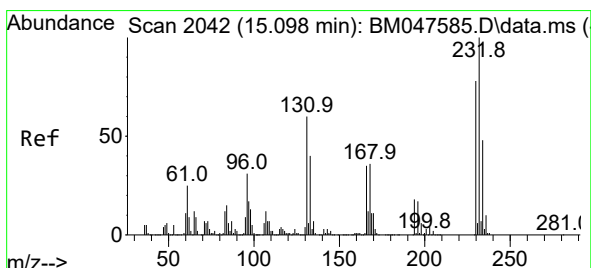
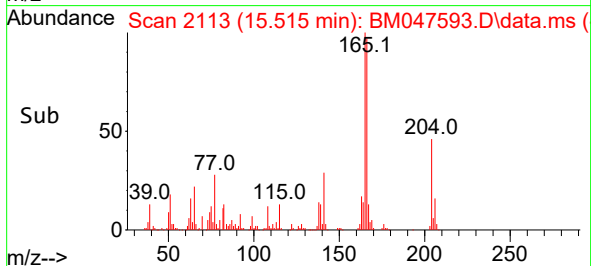
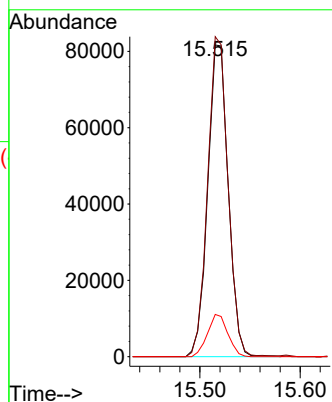
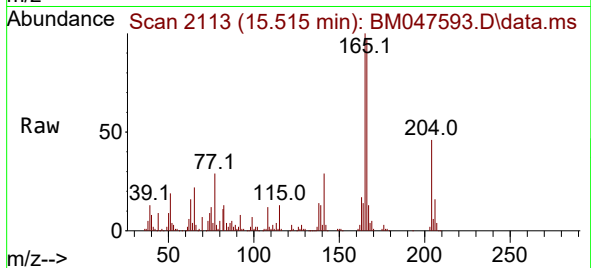
Tgt Ion:166 Resp: 115776

Ion Ratio Lower Upper

166 100

165 102.6 78.4 117.6

167 13.6 10.5 15.7



#59

2,3,4,6-Tetrachlorophenol

Concen: 2.217 ng

RT: 15.098 min Scan# 2042

Delta R.T. -0.000 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

Tgt Ion:232 Resp: 21710

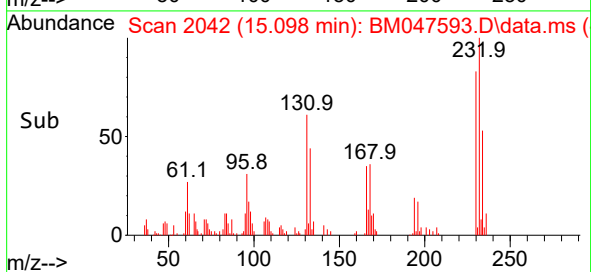
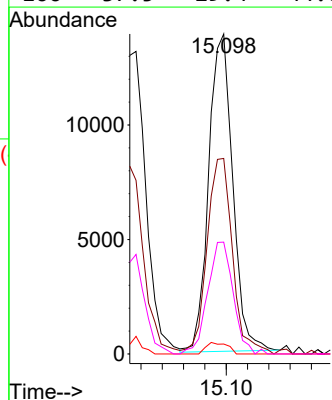
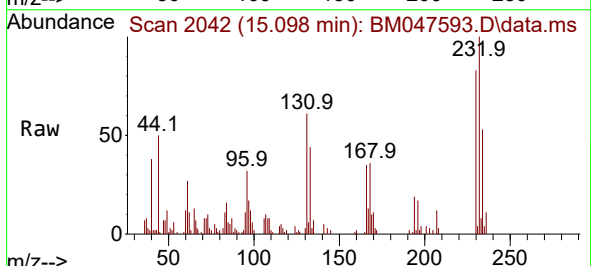
Ion Ratio Lower Upper

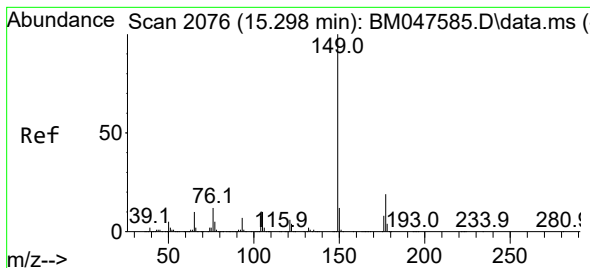
232 100

131 65.2 50.3 75.5

130 3.2 3.0 4.4

166 37.5 29.4 44.0





#60

Diethylphthalate

Concen: 2.418 ng

RT: 15.292 min Scan# 2076

Delta R.T. -0.006 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT2-2024

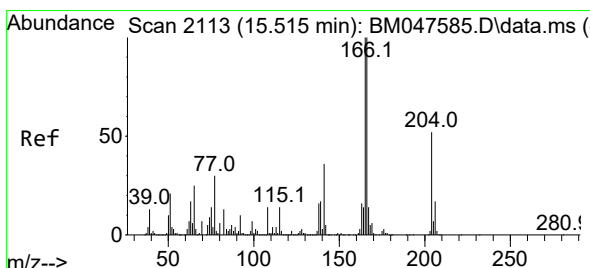
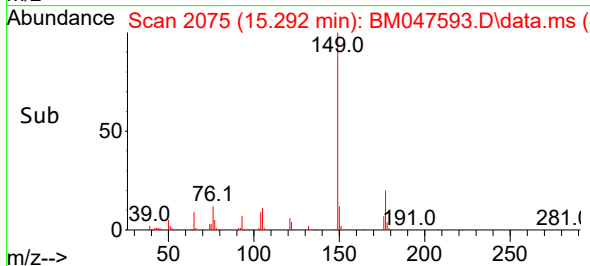
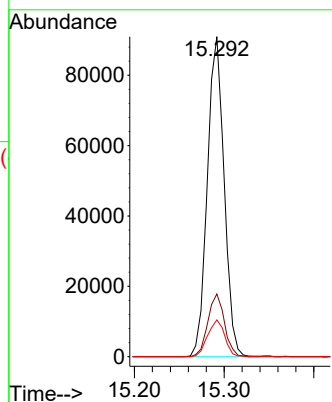
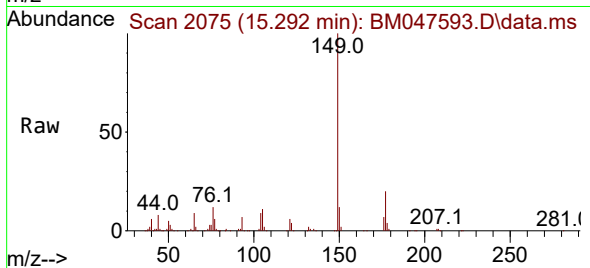
Tgt Ion:149 Resp: 118245

Ion Ratio Lower Upper

149 100

177 19.6 15.4 23.0

150 11.5 9.4 14.0



#61

4-Chlorophenyl-phenylether

Concen: 2.409 ng

RT: 15.515 min Scan# 2113

Delta R.T. -0.000 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

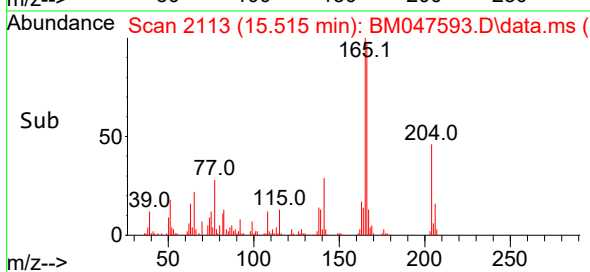
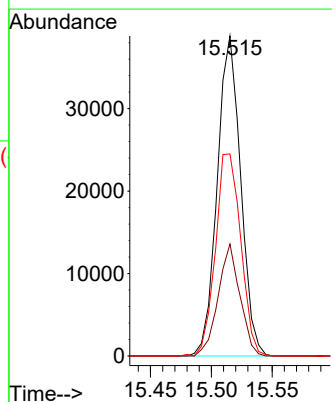
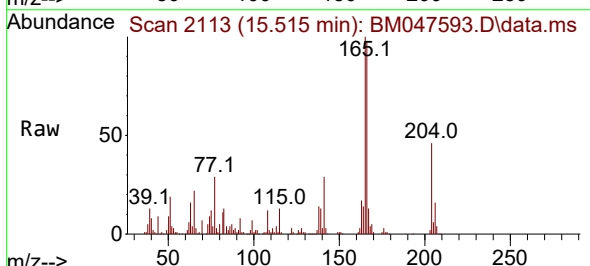
Tgt Ion:204 Resp: 51965

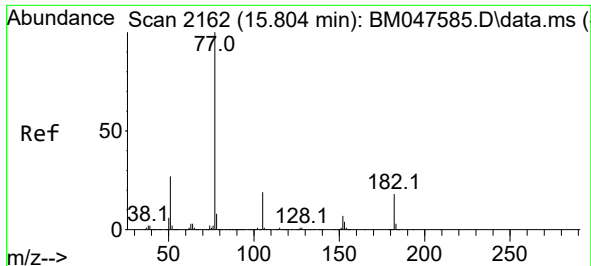
Ion Ratio Lower Upper

204 100

206 35.0 26.2 39.2

141 63.1 55.3 82.9

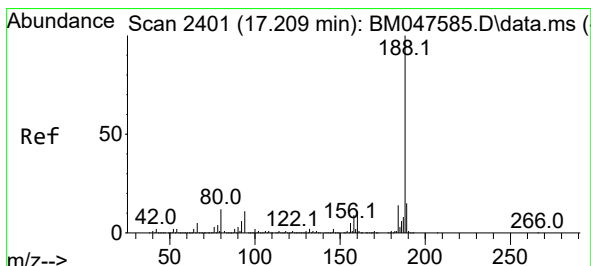
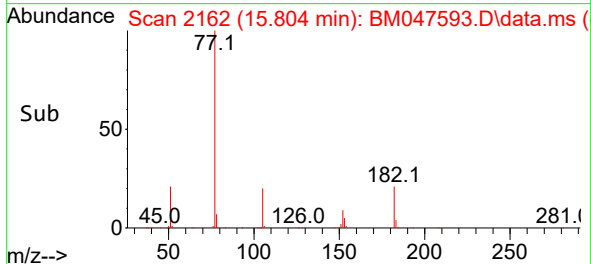
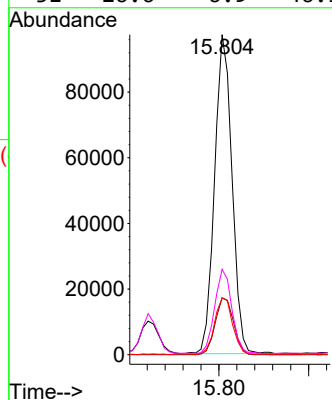
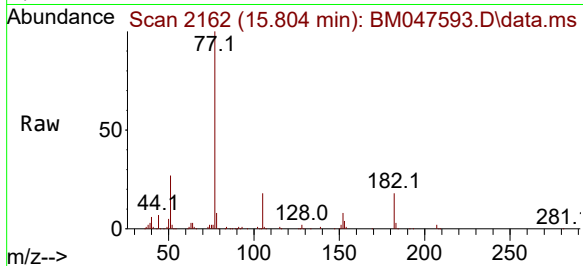




#63  
Azobenzene  
Concen: 2.448 ng  
RT: 15.804 min Scan# 2162  
Delta R.T. -0.000 min  
Lab File: BM047593.D  
Acq: 20 Sep 2024 17:40

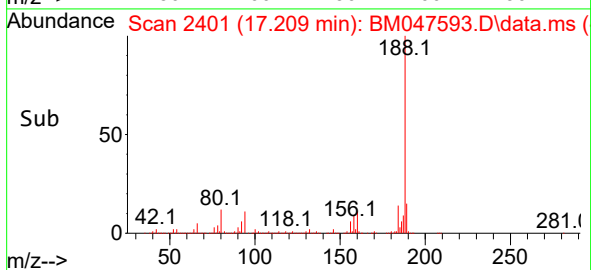
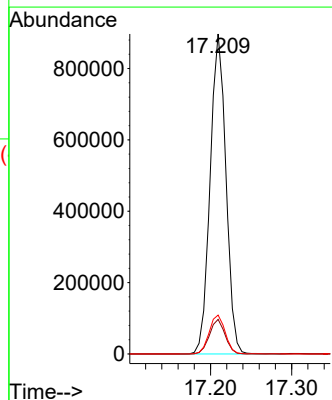
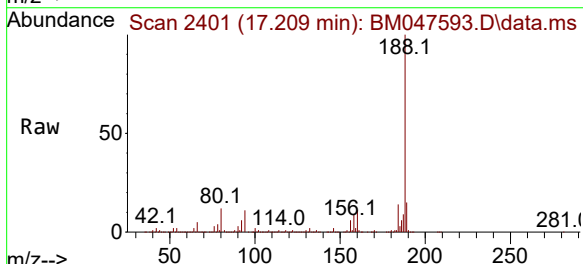
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT2-2024

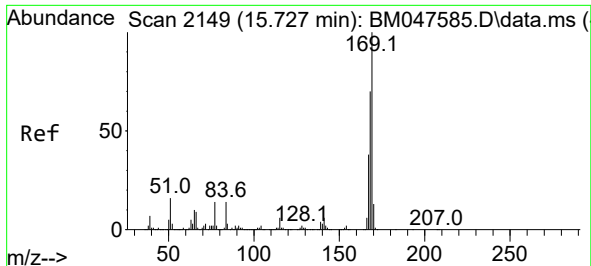
|             |              |
|-------------|--------------|
| Tgt Ion: 77 | Resp: 130903 |
| Ion Ratio   | Lower Upper  |
| 77 100      |              |
| 182 17.8    | 0.0 38.2     |
| 105 17.7    | 0.0 38.8     |
| 51 26.6     | 6.9 46.9     |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.209 min Scan# 2401  
Delta R.T. 0.000 min  
Lab File: BM047593.D  
Acq: 20 Sep 2024 17:40

|             |               |       |  |
|-------------|---------------|-------|--|
| Tgt Ion:188 | Resp: 1212735 |       |  |
| Ion Ratio   | Lower         | Upper |  |
| 188 100     |               |       |  |
| 94 10.8     | 8.6           | 13.0  |  |
| 80 12.1     | 9.9           | 14.9  |  |

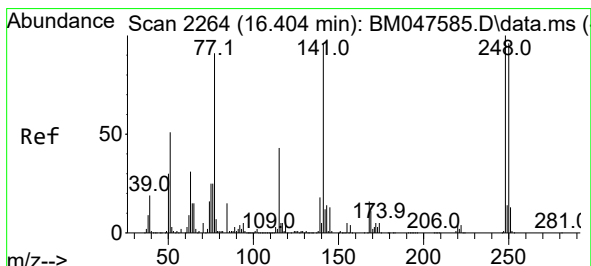
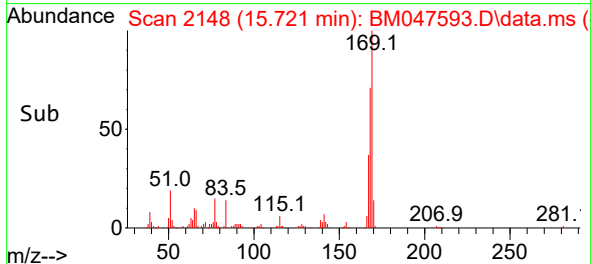
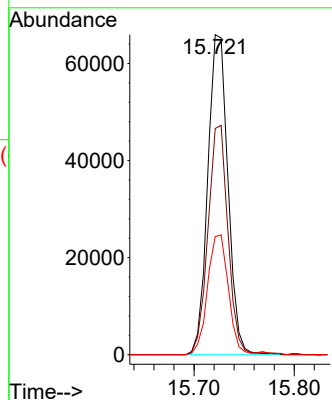
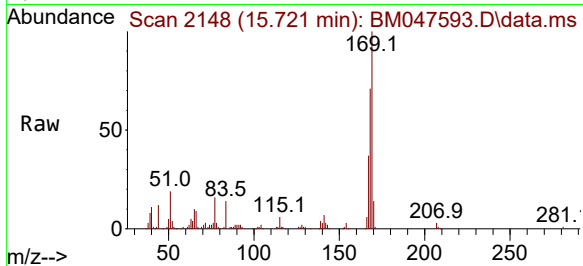




#66  
n-Nitrosodiphenylamine  
Concen: 2.549 ng  
RT: 15.721 min Scan# 2149  
Delta R.T. -0.006 min  
Lab File: BM047593.D  
Acq: 20 Sep 2024 17:40

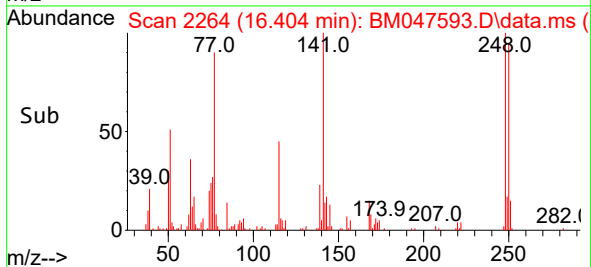
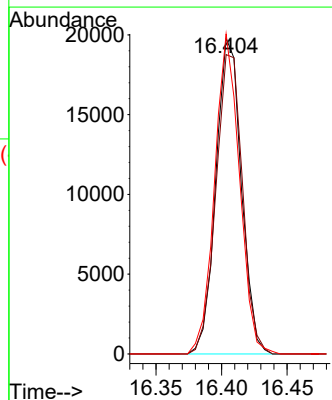
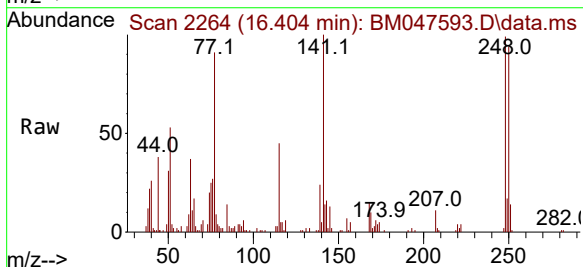
Instrument : BNA\_M  
ClientSampleId : MDL-WATER-03-QT2-2024

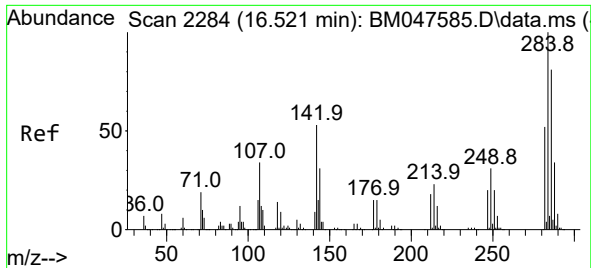
Tgt Ion:169 Resp: 92329  
Ion Ratio Lower Upper  
169 100  
168 70.7 55.8 83.8  
167 36.9 30.7 46.1



#67  
4-Bromophenyl-phenylether  
Concen: 2.422 ng  
RT: 16.404 min Scan# 2264  
Delta R.T. -0.000 min  
Lab File: BM047593.D  
Acq: 20 Sep 2024 17:40

Tgt Ion:248 Resp: 26682  
Ion Ratio Lower Upper  
248 100  
250 94.7 76.7 115.1  
141 101.3 76.7 115.1

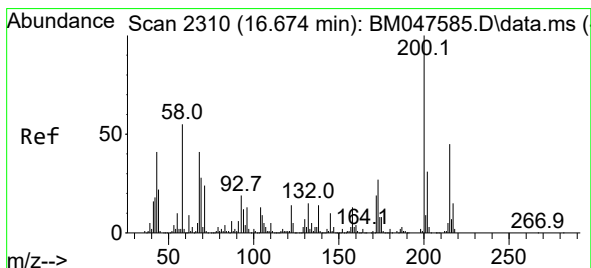
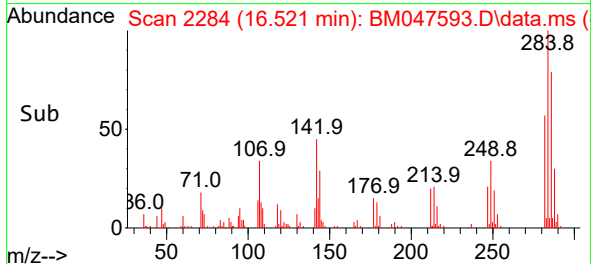
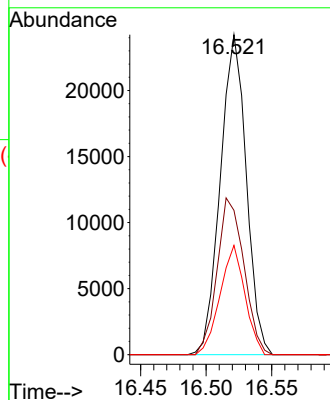
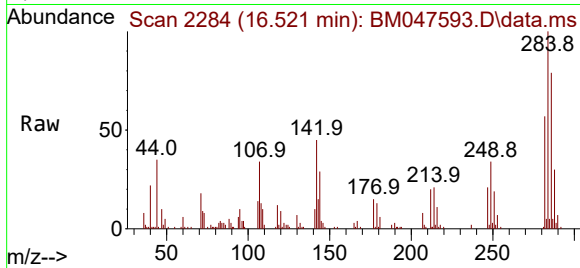




#68  
Hexachlorobenzene  
Concen: 2.588 ng  
RT: 16.521 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BM047593.D  
Acq: 20 Sep 2024 17:40

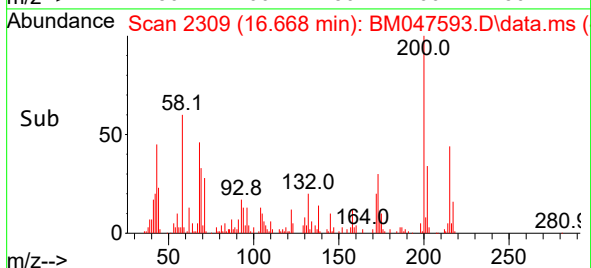
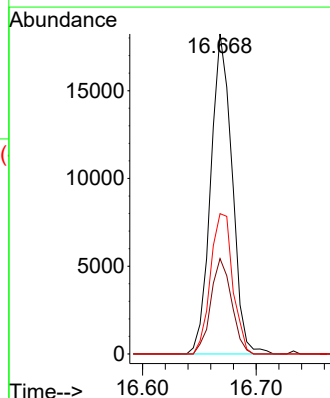
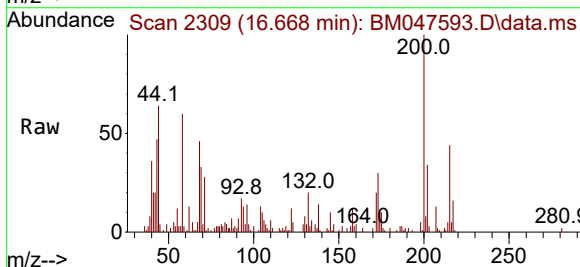
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT2-2024

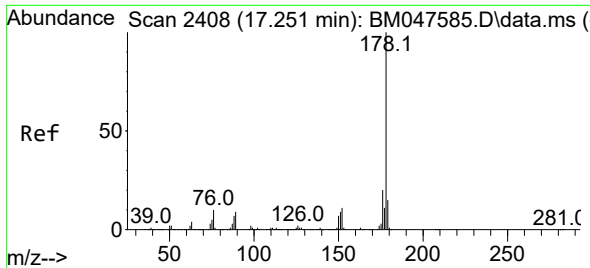
Tgt Ion:284 Resp: 33334  
Ion Ratio Lower Upper  
284 100  
142 45.1 42.5 63.7  
249 37.2 25.0 37.6



#69  
Atrazine  
Concen: 2.732 ng  
RT: 16.668 min Scan# 2309  
Delta R.T. -0.006 min  
Lab File: BM047593.D  
Acq: 20 Sep 2024 17:40

Tgt Ion:200 Resp: 23827  
Ion Ratio Lower Upper  
200 100  
173 29.8 7.4 47.4  
215 43.8 24.5 64.5

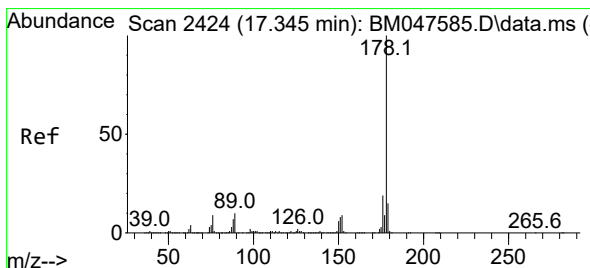
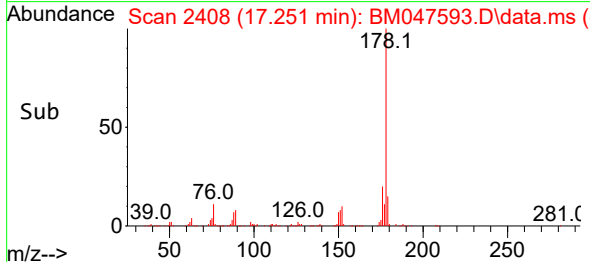
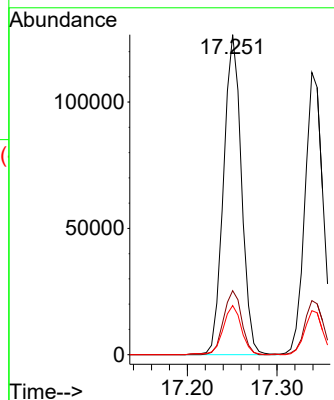
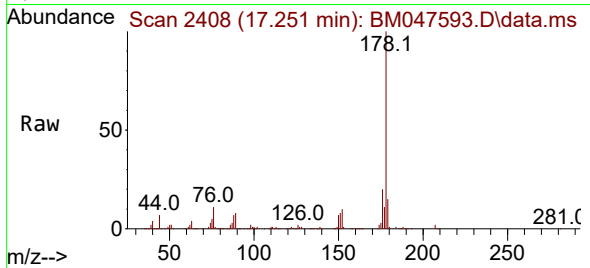




#71  
Phenanthrene  
Concen: 2.667 ng  
RT: 17.251 min Scan# 2408  
Delta R.T. -0.000 min  
Lab File: BM047593.D  
Acq: 20 Sep 2024 17:40

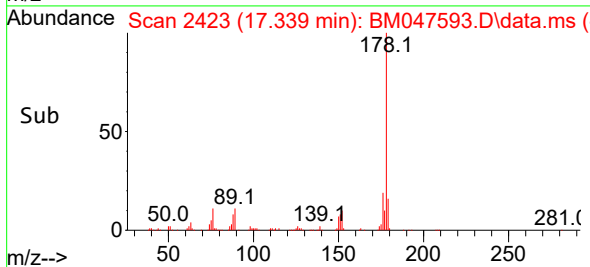
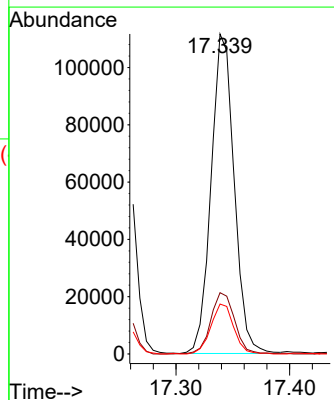
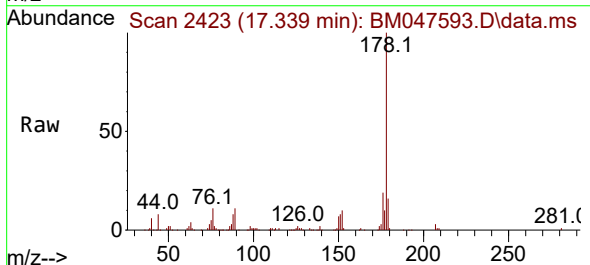
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT2-2024

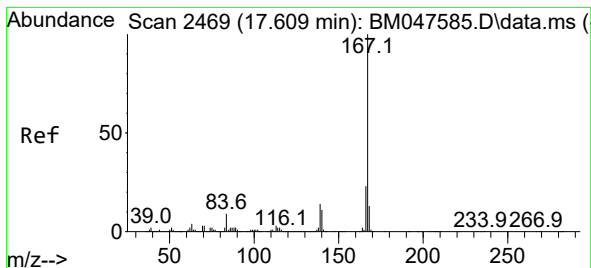
Tgt Ion:178 Resp: 175591  
Ion Ratio Lower Upper  
178 100  
176 20.0 15.8 23.8  
179 15.4 12.2 18.2



#72  
Anthracene  
Concen: 2.522 ng  
RT: 17.339 min Scan# 2423  
Delta R.T. -0.006 min  
Lab File: BM047593.D  
Acq: 20 Sep 2024 17:40

Tgt Ion:178 Resp: 157270  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.4 23.2  
179 15.6 12.2 18.2





#73

Carbazole

Concen: 2.336 ng

RT: 17.609 min Scan# 2469

Delta R.T. -0.000 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT2-2024

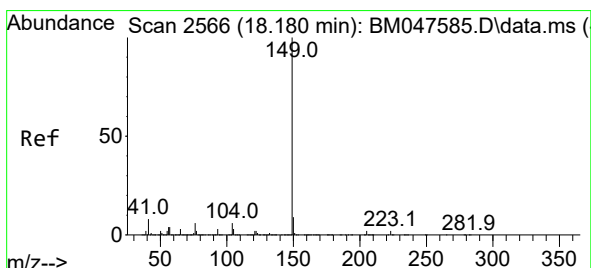
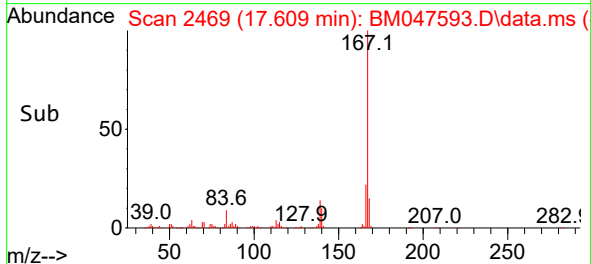
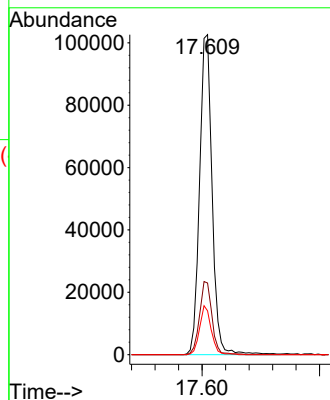
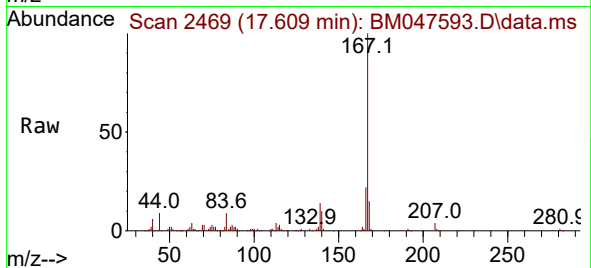
Tgt Ion:167 Resp: 151810

Ion Ratio Lower Upper

167 100

166 22.4 18.0 27.0

139 13.7 11.3 16.9



#74

Di-n-butylphthalate

Concen: 2.057 ng

RT: 18.180 min Scan# 2566

Delta R.T. -0.000 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

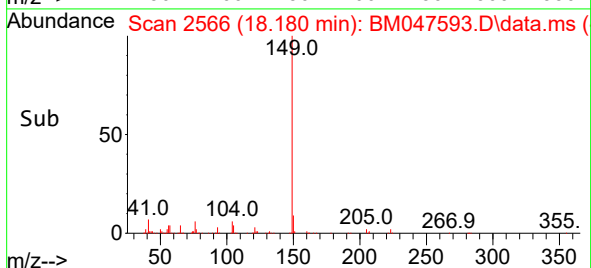
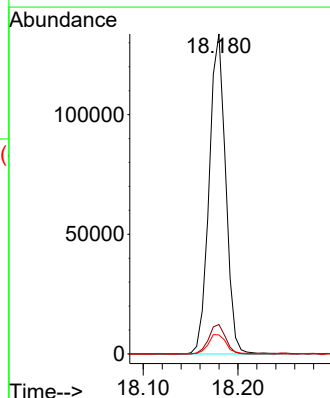
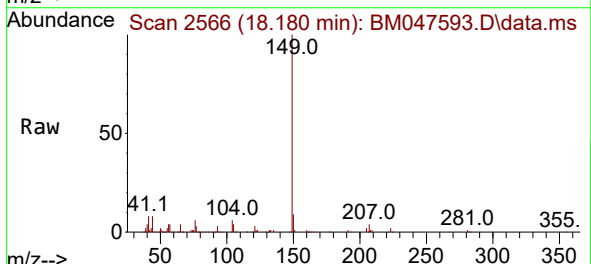
Tgt Ion:149 Resp: 161719

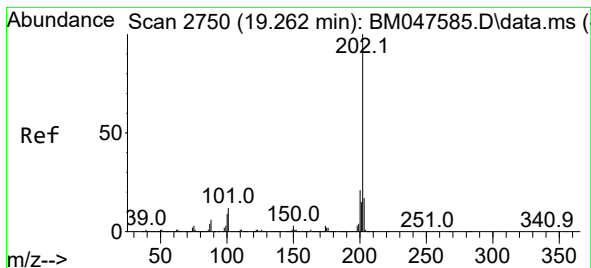
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 6.0 4.7 7.1





#75

Fluoranthene

Concen: 2.212 ng

RT: 19.256 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT2-2024

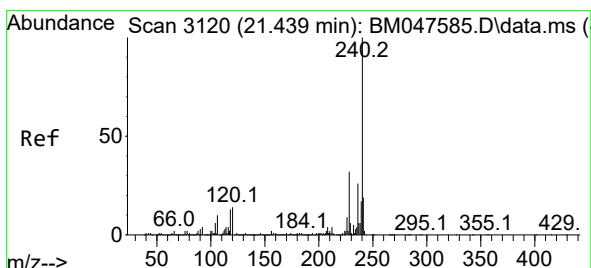
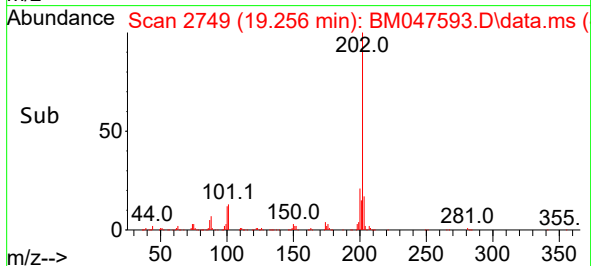
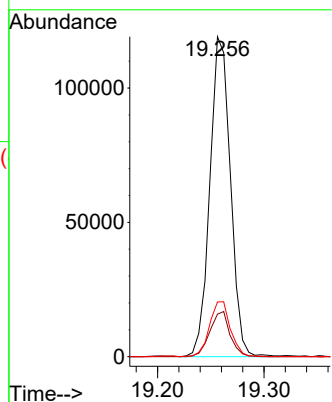
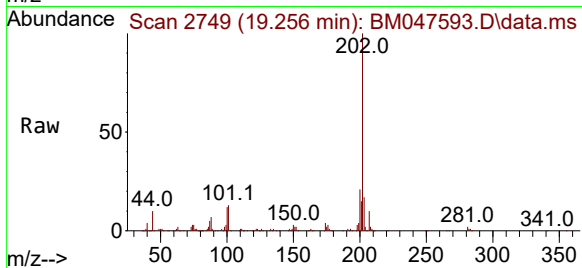
Tgt Ion:202 Resp: 160268

Ion Ratio Lower Upper

202 100

101 13.3 0.0 32.2

203 17.1 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.433 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

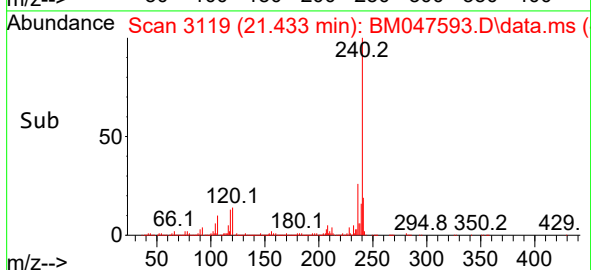
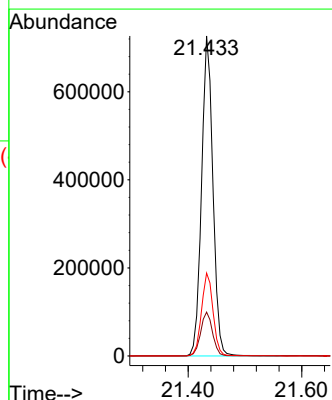
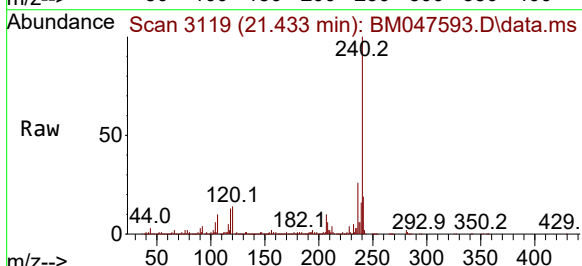
Tgt Ion:240 Resp: 1008554

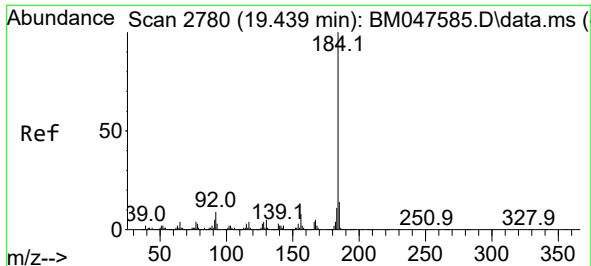
Ion Ratio Lower Upper

240 100

120 13.7 10.8 16.2

236 25.9 20.8 31.2

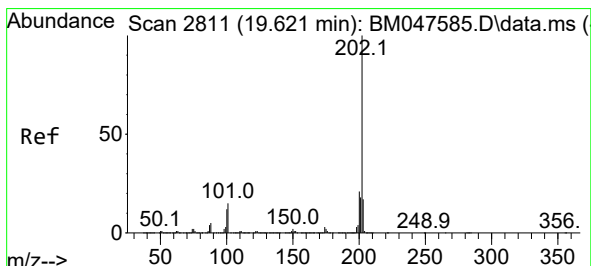
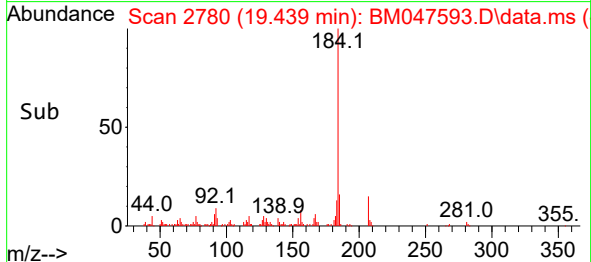
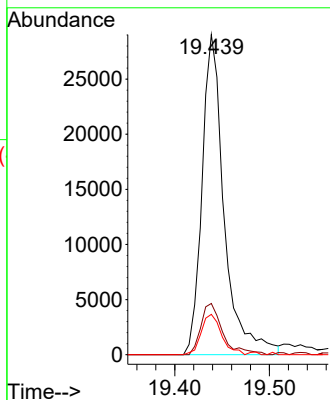
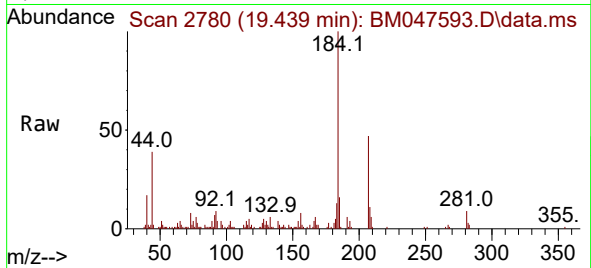




#77  
Benzidine  
Concen: 3.432 ng  
RT: 19.439 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BM047593.D  
Acq: 20 Sep 2024 17:40

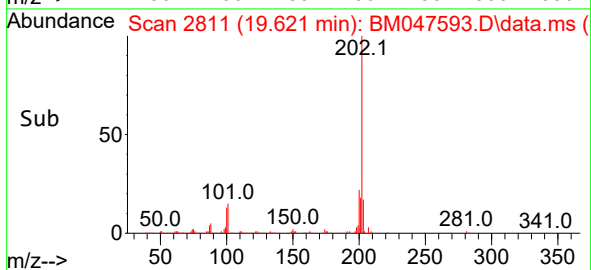
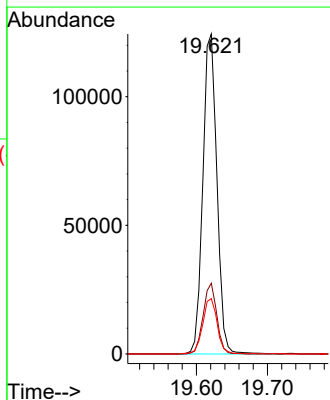
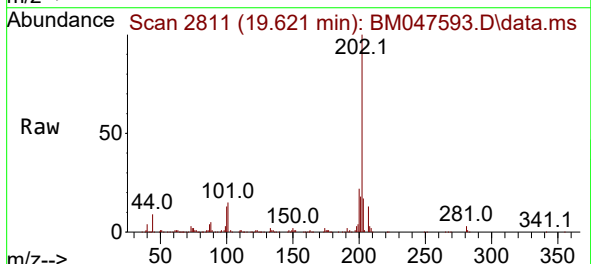
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT2-2024

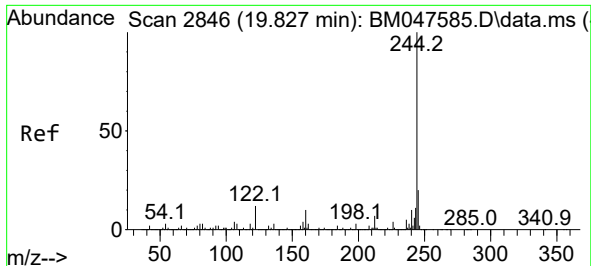
Tgt Ion:184 Resp: 47133  
Ion Ratio Lower Upper  
184 100  
185 16.0 11.5 17.3  
183 12.6 8.7 13.1



#78  
Pyrene  
Concen: 2.428 ng  
RT: 19.621 min Scan# 2811  
Delta R.T. -0.000 min  
Lab File: BM047593.D  
Acq: 20 Sep 2024 17:40

Tgt Ion:202 Resp: 171381  
Ion Ratio Lower Upper  
202 100  
200 22.1 17.2 25.8  
203 17.3 13.8 20.8

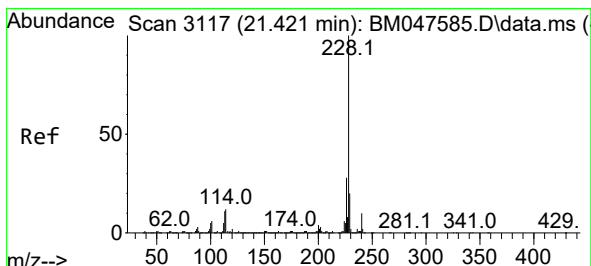
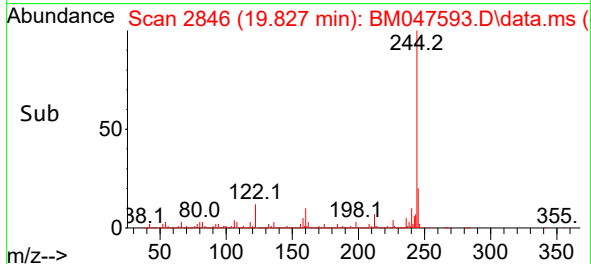
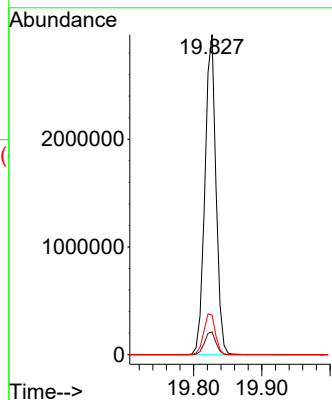
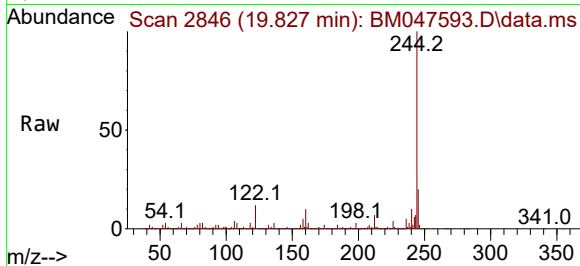




#79  
 Terphenyl-d14  
 Concen: 59.438 ng  
 RT: 19.827 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BM047593.D  
 Acq: 20 Sep 2024 17:40

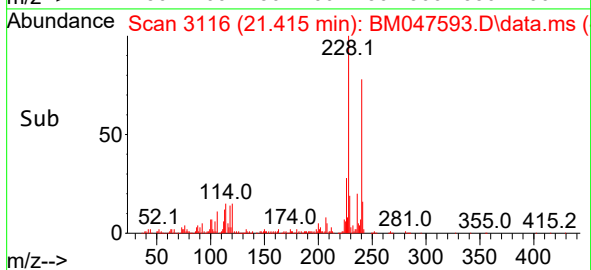
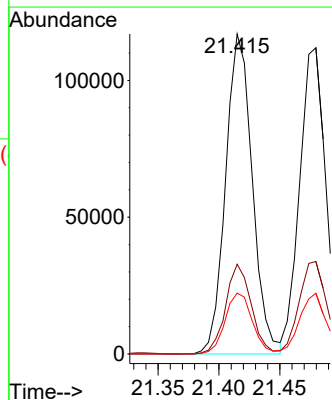
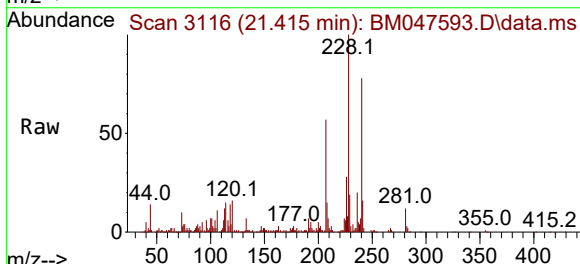
Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-03-QT2-2024

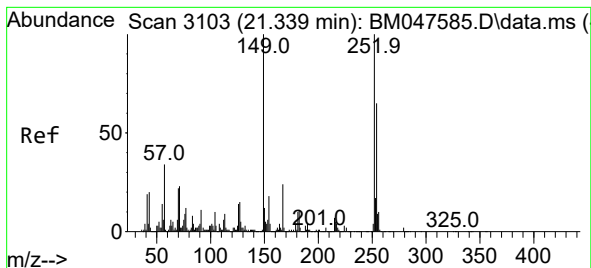
Tgt Ion:244 Resp: 3341003  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 6.0 9.0  
 122 12.3 10.0 15.0



#81  
 Benzo(a)anthracene  
 Concen: 2.691 ng  
 RT: 21.415 min Scan# 3116  
 Delta R.T. -0.006 min  
 Lab File: BM047593.D  
 Acq: 20 Sep 2024 17:40

Tgt Ion:228 Resp: 178475  
 Ion Ratio Lower Upper  
 228 100  
 226 28.0 22.4 33.6  
 229 19.0 16.0 24.0





#82

3,3'-Dichlorobenzidine

Concen: 2.202 ng

RT: 21.338 min Scan# 3103

Delta R.T. -0.000 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT2-2024

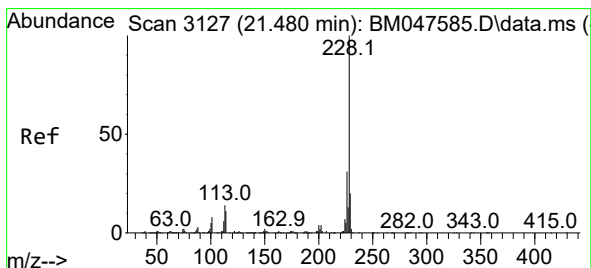
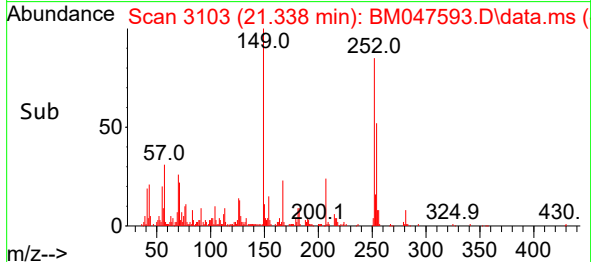
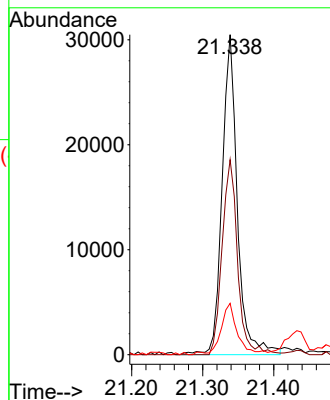
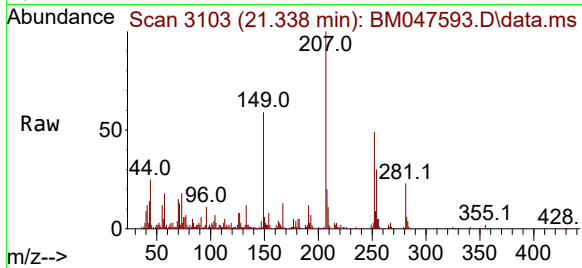
Tgt Ion:252 Resp: 45350

Ion Ratio Lower Upper

252 100

254 60.9 52.3 78.5

126 16.1 11.4 17.0



#83

Chrysene

Concen: 2.665 ng

RT: 21.480 min Scan# 3127

Delta R.T. -0.000 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

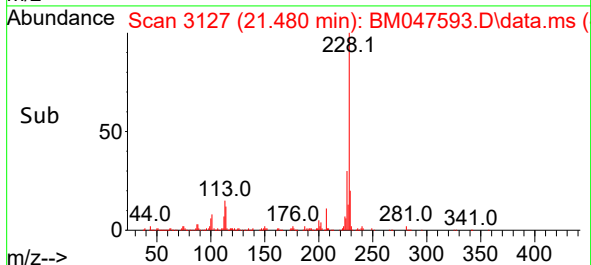
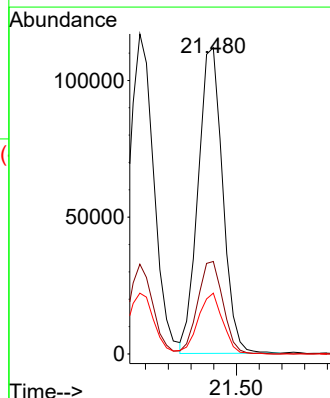
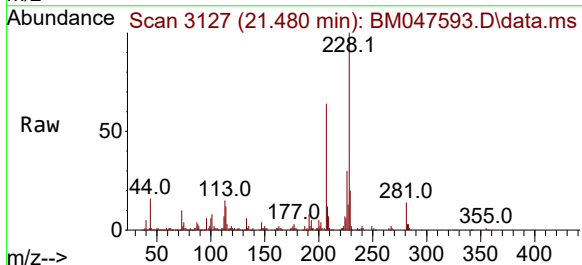
Tgt Ion:228 Resp: 168067

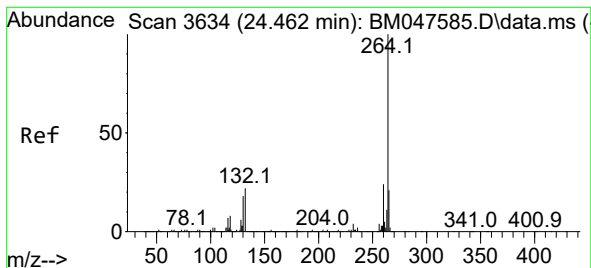
Ion Ratio Lower Upper

228 100

226 30.2 24.9 37.3

229 19.9 15.8 23.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.462 min Scan# 3

Delta R.T. -0.000 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT2-2024

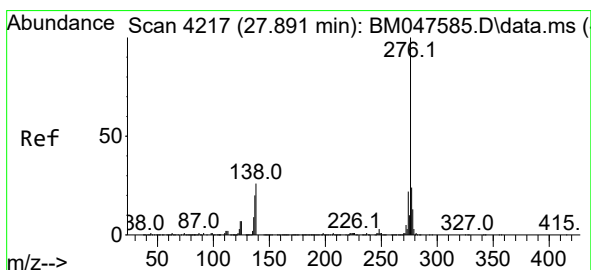
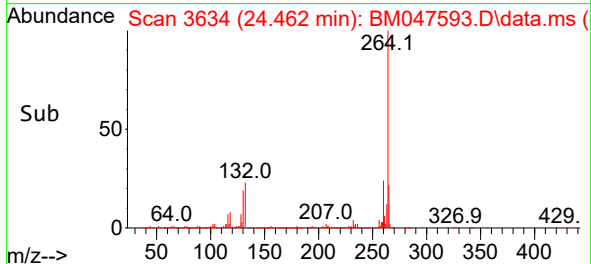
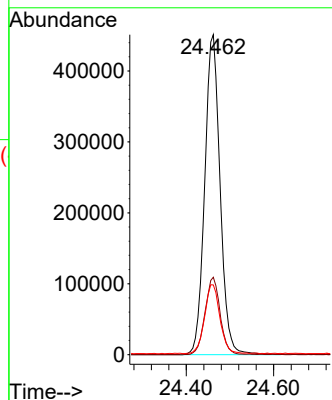
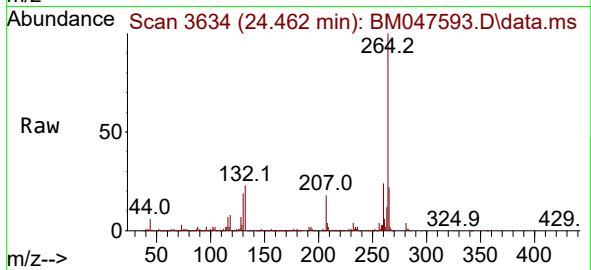
Tgt Ion:264 Resp: 1106352

Ion Ratio Lower Upper

264 100

260 24.2 18.9 28.3

265 21.8 17.0 25.6



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.500 ng

RT: 27.867 min Scan# 4213

Delta R.T. -0.024 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

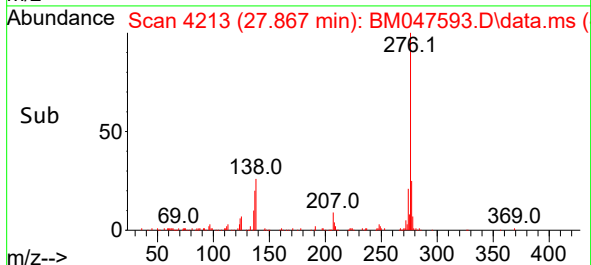
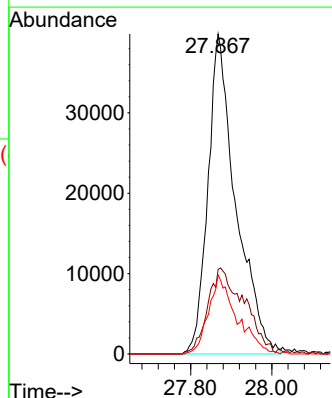
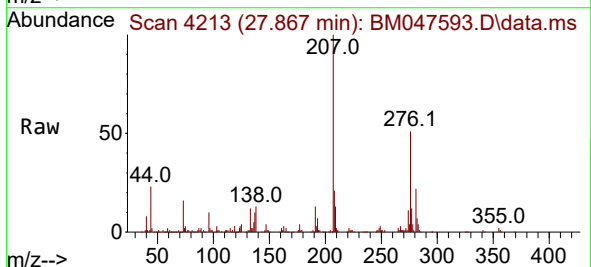
Tgt Ion:276 Resp: 190160

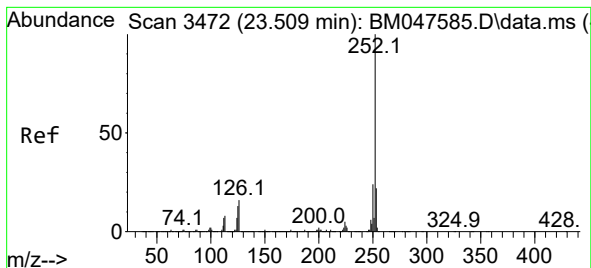
Ion Ratio Lower Upper

276 100

138 34.8 18.1 27.1#

277 24.8 20.0 30.0





#88

Benzo(b)fluoranthene

Concen: 2.335 ng

RT: 23.503 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT2-2024

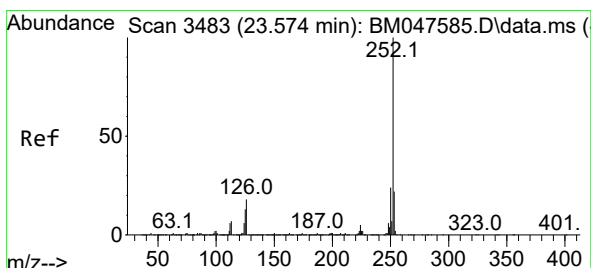
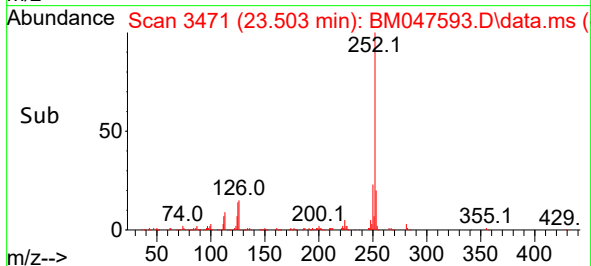
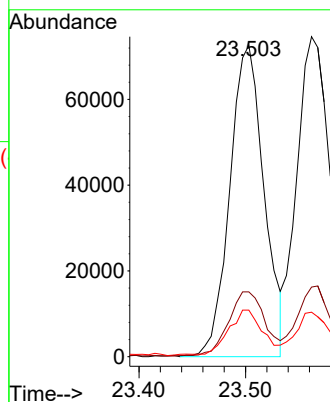
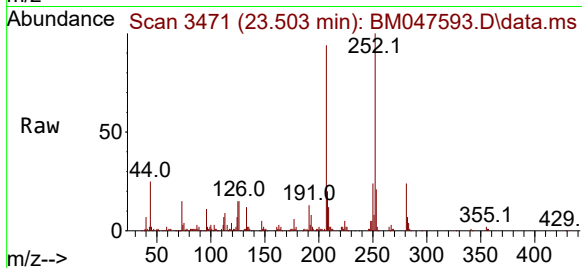
Tgt Ion:252 Resp: 162351

Ion Ratio Lower Upper

252 100

253 20.8 17.4 26.0

125 14.9 10.2 15.2



#89

Benzo(k)fluoranthene

Concen: 2.389 ng

RT: 23.562 min Scan# 3481

Delta R.T. -0.012 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

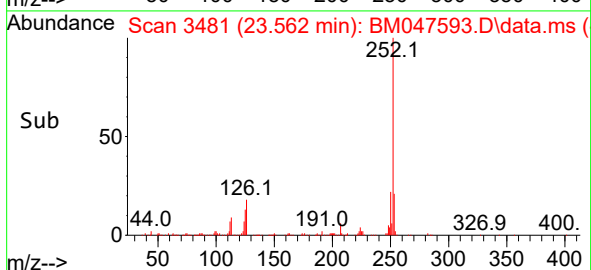
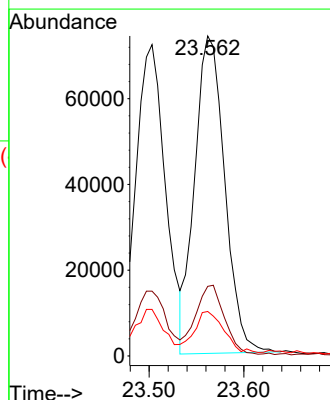
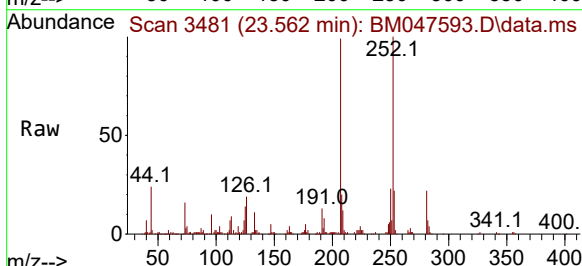
Tgt Ion:252 Resp: 163071

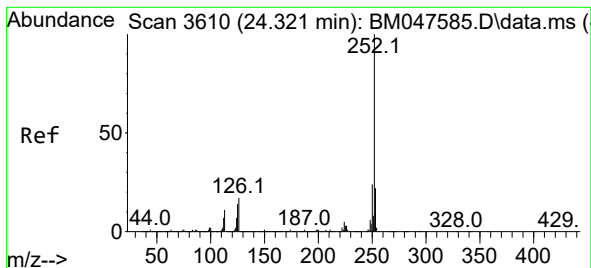
Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 13.9 10.2 15.4





#90

Benzo(a)pyrene

Concen: 2.487 ng

RT: 24.315 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT2-2024

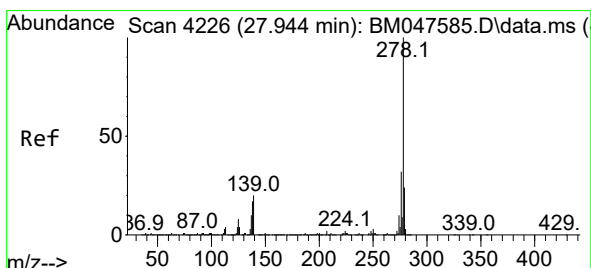
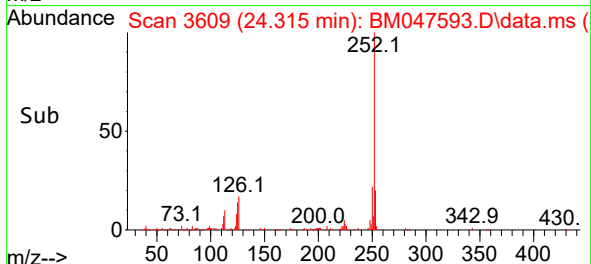
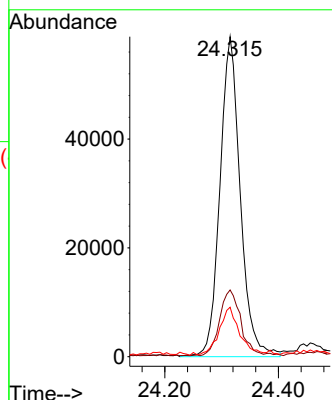
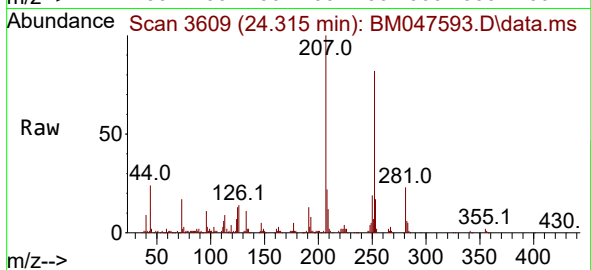
Tgt Ion:252 Resp: 146597

Ion Ratio Lower Upper

252 100

253 20.9 17.4 26.0

125 15.5 11.5 17.3



#91

Dibenzo(a,h)anthracene

Concen: 2.461 ng

RT: 27.932 min Scan# 4224

Delta R.T. -0.012 min

Lab File: BM047593.D

Acq: 20 Sep 2024 17:40

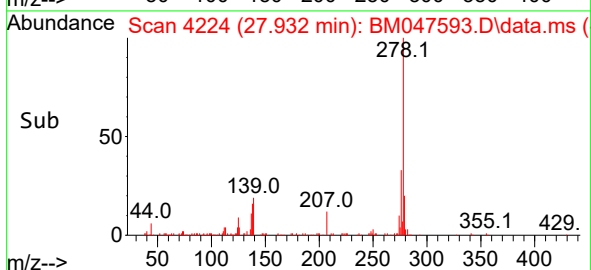
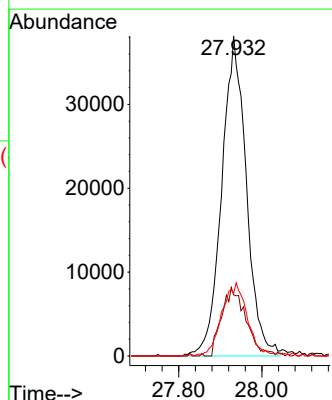
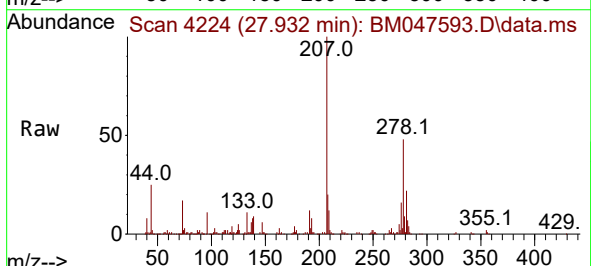
Tgt Ion:278 Resp: 156389

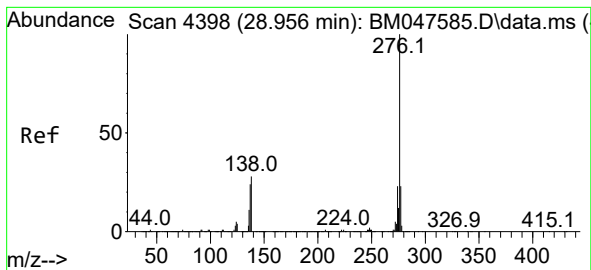
Ion Ratio Lower Upper

278 100

139 19.1 16.4 24.6

279 19.5 19.0 28.6





#92

Benzo(g,h,i)perylene

Concen: 2.372 ng

RT: 28.932 min Scan# 41

Delta R.T. -0.024 min

Lab File: BM047593.D

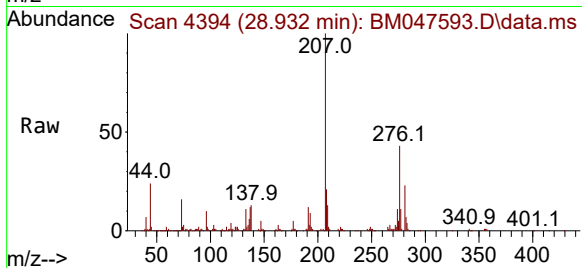
Acq: 20 Sep 2024 17:40

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT2-2024



Tgt Ion:276 Resp: 151080

Ion Ratio Lower Upper

276 100

277 24.5 18.3 27.5

138 29.6 22.3 33.5

