

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011823\
 Data File : BM038482.D
 Acq On : 18 Jan 2023 16:25
 Operator : CG/JU
 Sample : N3980-01
 Misc : LOD-MDL- SOIL 4ppm
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

Quant Time: Jan 19 06:14:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 06:09:42 2023
 Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.975 | 152 | 54505 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.786 | 136 | 194318 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.610 | 164 | 116321 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.351 | 188 | 248506 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.521 | 240 | 240139 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 23.944 | 264 | 278092 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.522 | 112 | 422522 | 118.248 | ng | 0.00 |
| 7) Phenol-d6 | 7.139 | 99 | 531815 | 116.189 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.151 | 82 | 385919 | 80.921 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.098 | 330 | 220793 | 112.283 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.239 | 172 | 731743 | 78.452 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.962 | 244 | 1166416 | 90.929 | ng | 0.00 |
| Target Compounds | | | | | | |
| 2) 1,4-Dioxane | 3.381 | 88 | 7616 | 4.664 | ng | 88 |
| 3) Pyridine | 3.822 | 79 | 10328 | 2.186 | ng | # 90 |
| 4) n-Nitrosodimethylamine | 3.716 | 42 | 10117 | 3.620 | ng | # 96 |
| 6) Aniline | 7.304 | 93 | 20133 | 3.482 | ng | 99 |
| 8) 2-Chlorophenol | 7.534 | 128 | 13762 | 3.890 | ng | 96 |
| 9) Benzaldehyde | 7.122 | 77 | 16064 | 5.248 | ng | 95 |
| 10) Phenol | 7.163 | 94 | 17759 | 3.723 | ng | 84 |
| 11) bis(2-Chloroethyl)ether | 7.398 | 93 | 14098 | 3.647 | ng | 99 |
| 12) 1,3-Dichlorobenzene | 7.863 | 146 | 14453 | 3.814 | ng | 94 |
| 13) 1,4-Dichlorobenzene | 8.010 | 146 | 14304 | 3.752 | ng | 95 |
| 14) 1,2-Dichlorobenzene | 8.328 | 146 | 13972 | 3.748 | ng | 97 |
| 15) Benzyl Alcohol | 8.228 | 79 | 12335 | 3.365 | ng | 97 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.510 | 45 | 22176 | 4.115 | ng | 95 |
| 17) 2-Methylphenol | 8.422 | 107 | 10093 | 3.133 | ng | # 92 |
| 18) Hexachloroethane | 9.051 | 117 | 5943 | 3.805 | ng | 90 |
| 19) n-Nitroso-di-n-propyla... | 8.786 | 70 | 12030 | 3.621 | ng | 95 |
| 20) 3+4-Methylphenols | 8.751 | 107 | 12888 | 2.980 | ng | 89 |
| 22) Acetophenone | 8.810 | 105 | 21301 | 3.709 | ng | # 95 |
| 24) Nitrobenzene | 9.192 | 77 | 19331 | 3.836 | ng | 93 |
| 25) Isophorone | 9.716 | 82 | 31902 | 3.776 | ng | 98 |
| 26) 2-Nitrophenol | 9.904 | 139 | 5572 | 3.150 | ng | 92 |
| 27) 2,4-Dimethylphenol | 9.957 | 122 | 9919 | 3.293 | ng | 93 |
| 28) bis(2-Chloroethoxy)met... | 10.198 | 93 | 16563 | 3.486 | ng | 96 |
| 29) 2,4-Dichlorophenol | 10.439 | 162 | 10369 | 3.116 | ng | 94 |
| 30) 1,2,4-Trichlorobenzene | 10.651 | 180 | 13146 | 3.416 | ng | 97 |
| 31) Naphthalene | 10.833 | 128 | 36077 | 3.503 | ng | 98 |
| 32) Benzoic acid | 10.033 | 122 | 3482 | 6.337 | ng | 96 |
| 33) 4-Chloroaniline | 10.963 | 127 | 13462 | 2.978 | ng | 96 |
| 34) Hexachlorobutadiene | 11.116 | 225 | 8945 | 3.314 | ng | 94 |
| 35) Caprolactam | 11.739 | 113 | 1984 | 2.109 | ng | # 82 |
| 36) 4-Chloro-3-methylphenol | 12.074 | 107 | 11311 | 3.117 | ng | 89 |
| 37) 2-Methylnaphthalene | 12.445 | 142 | 23696 | 3.147 | ng | 95 |
| 38) 1-Methylnaphthalene | 12.445 | 142 | 23696 | 3.352 | ng | 96 |
| 40) 1,2,4,5-Tetrachloroben... | 12.804 | 216 | 15383 | 3.533 | ng | 97 |
| 41) Hexachlorocyclopentadiene | 12.780 | 237 | 7874 | 3.181 | ng | 99 |
| 43) 2,4,6-Trichlorophenol | 13.051 | 196 | 8826 | 3.207 | ng | 94 |

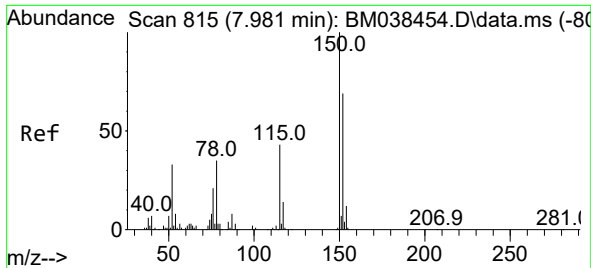
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 Data File : BM038482.D
 Acq On : 18 Jan 2023 16:25
 Operator : CG/JU
 Sample : N3980-01
 Misc : LOD-MDL- SOIL 4ppm
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

Quant Time: Jan 19 06:14:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 06:09:42 2023
 Response via : Initial Calibration

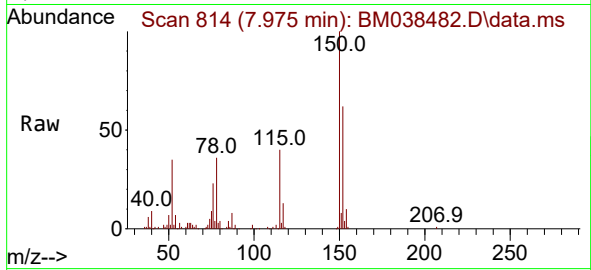
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol | 13.127 | 196 | 9597 | 2.958 | ng | 93 |
| 46) 1,1'-Biphenyl | 13.445 | 154 | 33155 | 3.674 | ng | 95 |
| 47) 2-Chloronaphthalene | 13.492 | 162 | 25590 | 3.603 | ng | 97 |
| 48) 2-Nitroaniline | 13.704 | 65 | 7850 | 4.896 | ng | 85 |
| 49) Acenaphthylene | 14.333 | 152 | 35916 | 3.207 | ng | 98 |
| 50) Dimethylphthalate | 14.068 | 163 | 29884 | 3.170 | ng | # 96 |
| 51) 2,6-Dinitrotoluene | 14.192 | 165 | 5332 | 2.780 | ng | # 76 |
| 52) Acenaphthene | 14.674 | 154 | 22853 | 3.358 | ng | 95 |
| 53) 3-Nitroaniline | 14.527 | 138 | 4347 | 4.596 | ng | 99 |
| 54) 2,4-Dinitrophenol | 14.739 | 184 | 2628 | 7.023 | ng | # 75 |
| 55) Dibenzofuran | 15.004 | 168 | 38264 | 3.302 | ng | 98 |
| 56) 4-Nitrophenol | 14.839 | 139 | 3108 | 5.648 | ng | 94 |
| 57) 2,4-Dinitrotoluene | 14.980 | 165 | 6713 | 2.518 | ng | # 80 |
| 58) Fluorene | 15.651 | 166 | 29216 | 3.018 | ng | 98 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.233 | 232 | 8027 | 2.790 | ng | # 95 |
| 60) Diethylphthalate | 15.421 | 149 | 30054 | 3.108 | ng | 99 |
| 61) 4-Chlorophenyl-phenyle... | 15.645 | 204 | 15740 | 2.962 | ng | 92 |
| 62) 4-Nitroaniline | 15.686 | 138 | 4030 | 4.615 | ng | 91 |
| 63) Azobenzene | 15.939 | 77 | 35341 | 3.321 | ng | 96 |
| 65) 4,6-Dinitro-2-methylph... | 15.739 | 198 | 3816 | 2.263 | ng | 94 |
| 66) n-Nitrosodiphenylamine | 15.862 | 169 | 23350 | 3.202 | ng | 95 |
| 67) 4-Bromophenyl-phenylether | 16.539 | 248 | 8915 | 3.101 | ng | 95 |
| 68) Hexachlorobenzene | 16.657 | 284 | 11348 | 3.525 | ng | 96 |
| 69) Atrazine | 16.809 | 200 | 9111 | 3.533 | ng | 95 |
| 70) Pentachlorophenol | 17.004 | 266 | 5437 | 2.314 | ng | 88 |
| 71) Phenanthrene | 17.392 | 178 | 47330 | 3.443 | ng | 98 |
| 72) Anthracene | 17.486 | 178 | 43907 | 3.107 | ng | 98 |
| 73) Carbazole | 17.756 | 167 | 37835 | 3.062 | ng | 98 |
| 74) Di-n-butylphthalate | 18.309 | 149 | 45337 | 3.089 | ng | 99 |
| 75) Fluoranthene | 19.403 | 202 | 50463 | 2.920 | ng | 99 |
| 77) Benzidine | 19.597 | 184 | 14980 | 2.847 | ng | 97 |
| 78) Pyrene | 19.768 | 202 | 53485 | 3.347 | ng | 99 |
| 80) Butylbenzylphthalate | 20.650 | 149 | 18084 | 3.096 | ng | 88 |
| 81) Benzo(a)anthracene | 21.509 | 228 | 57942 | 3.355 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.444 | 252 | 19850 | 3.569 | ng | 98 |
| 83) Chrysene | 21.562 | 228 | 55829 | 3.326 | ng | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 21.421 | 149 | 25405 | 3.025 | ng | 98 |
| 85) Di-n-octyl phthalate | 22.350 | 149 | 44864 | 3.036 | ng | # 95 |
| 87) Indeno(1,2,3-cd)pyrene | 26.456 | 276 | 64375 | 3.128 | ng | 97 |
| 88) Benzo(b)fluoranthene | 23.203 | 252 | 58365 | 3.385 | ng | 98 |
| 89) Benzo(k)fluoranthene | 23.203 | 252 | 58365 | 3.273 | ng | 98 |
| 90) Benzo(a)pyrene | 23.833 | 252 | 50727 | 2.998 | ng | # 96 |
| 91) Dibenzo(a,h)anthracene | 26.474 | 278 | 57322 | 3.319 | ng | 98 |
| 92) Benzo(g,h,i)perylene | 27.238 | 276 | 57054 | 3.330 | ng | 96 |

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

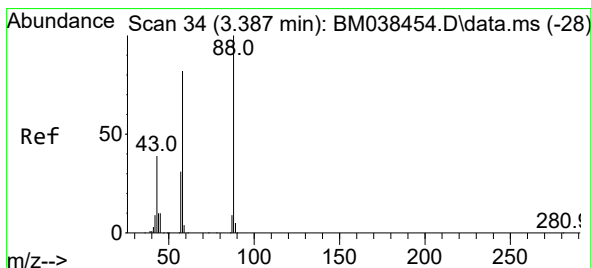
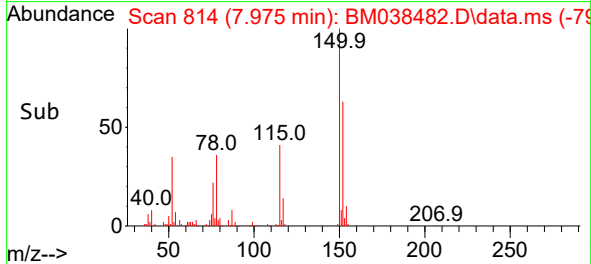
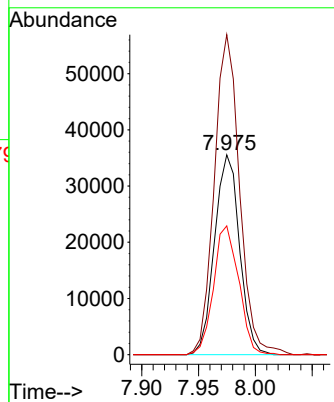


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.975 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

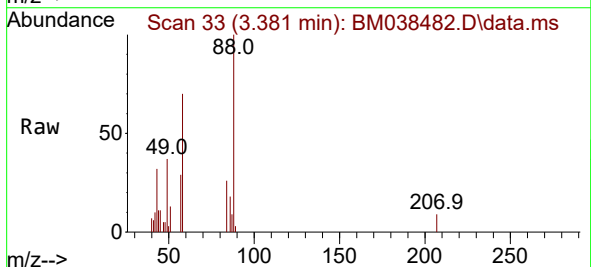
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022



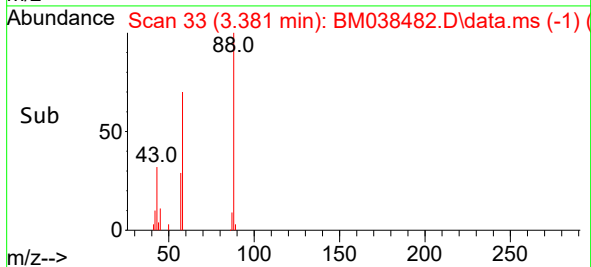
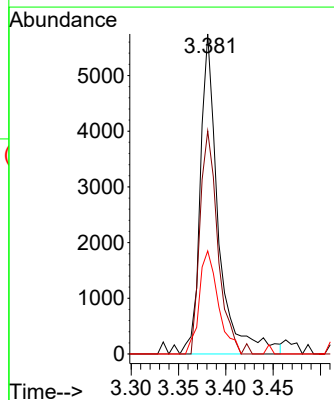
Tgt Ion:152 Resp: 54505
 Ion Ratio Lower Upper
 152 100
 150 160.2 116.0 174.0
 115 64.5 49.4 74.2

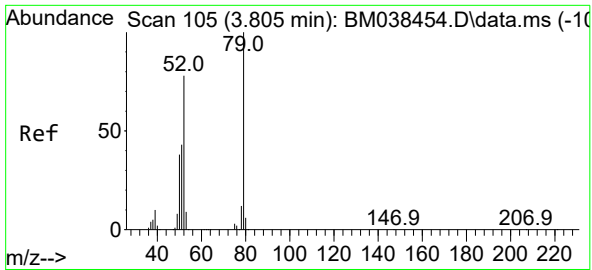


#2
 1,4-Dioxane
 Concen: 4.664 ng
 RT: 3.381 min Scan# 33
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25



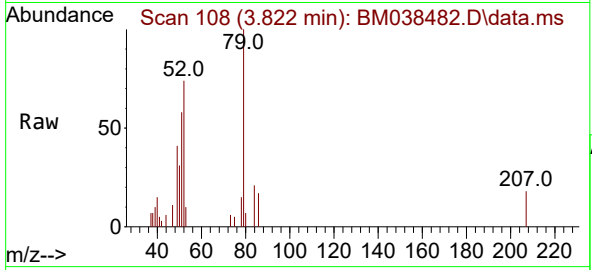
Tgt Ion: 88 Resp: 7616
 Ion Ratio Lower Upper
 88 100
 58 69.1 64.3 96.5
 43 34.2 32.3 48.5



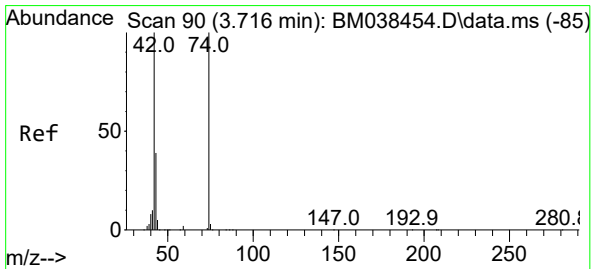
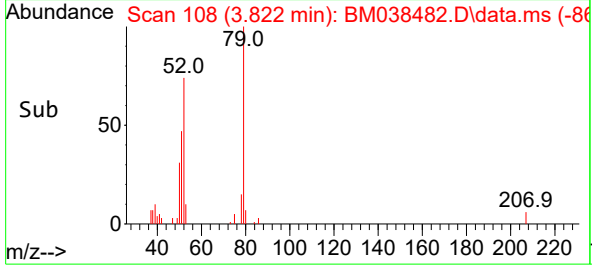
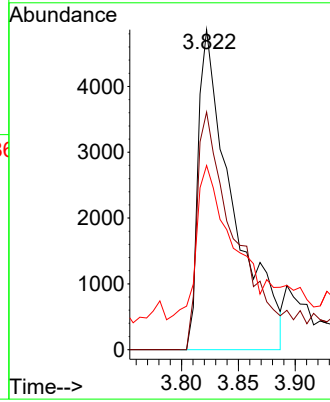


#3
 Pyridine
 Concen: 2.186 ng
 RT: 3.822 min Scan# 10
 Delta R.T. 0.029 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

Instrument : BNA_M
 ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

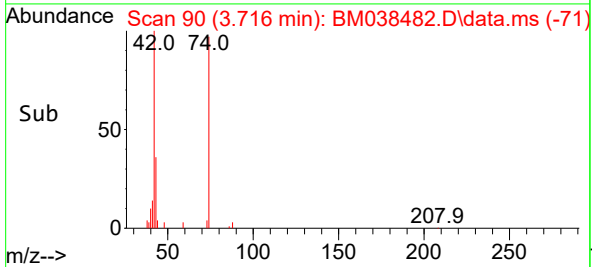
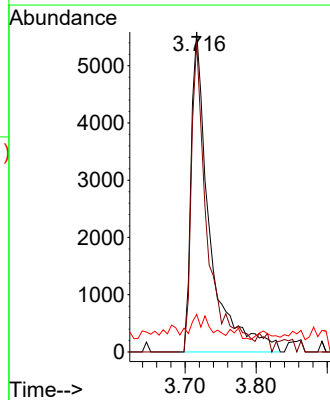
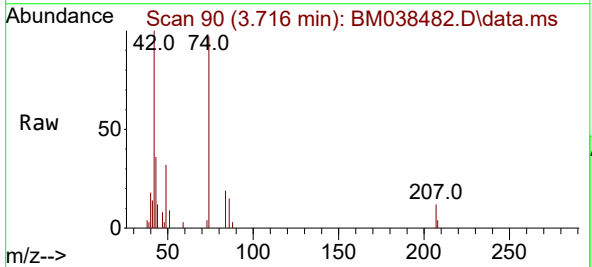


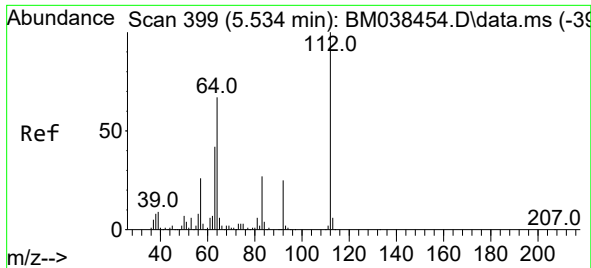
Tgt Ion: 79 Resp: 10328
 Ion Ratio Lower Upper
 79 100
 52 74.3 62.2 93.2
 51 57.6 34.8 52.2#



#4
 n-Nitrosodimethylamine
 Concen: 3.620 ng
 RT: 3.716 min Scan# 90
 Delta R.T. 0.012 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

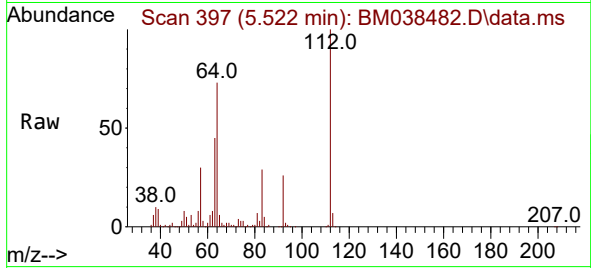
Tgt Ion: 42 Resp: 10117
 Ion Ratio Lower Upper
 42 100
 74 96.9 79.7 119.5
 44 11.8 4.7 7.1#





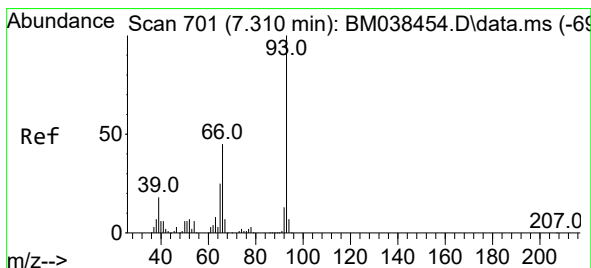
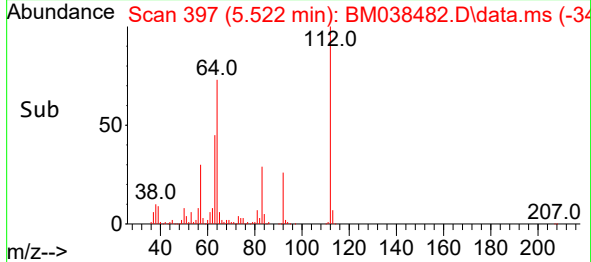
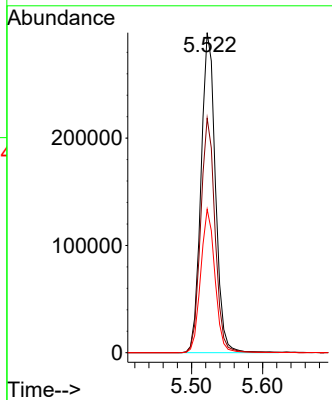
#5
 2-Fluorophenol
 Concen: 118.248 ng
 RT: 5.522 min Scan# 397
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

Instrument : BNA_M
 ClientSampleId : LOD-MDL-SOIL-01-QT3-2022



Tgt Ion: 112 Resp: 422522

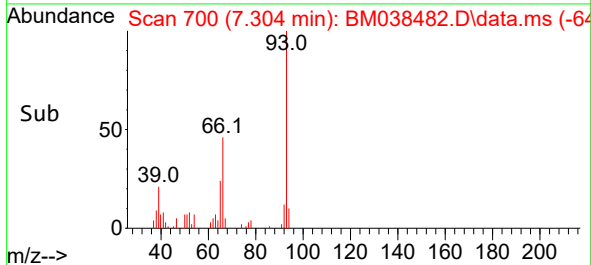
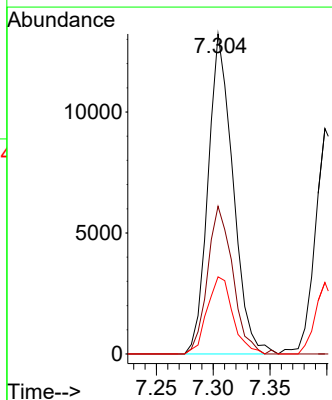
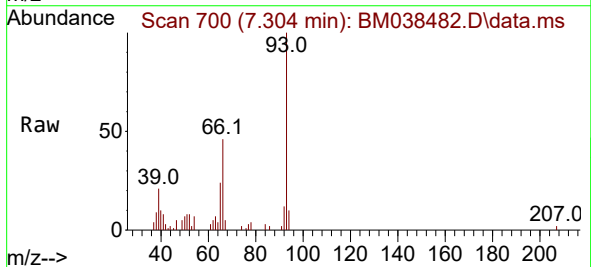
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100 | | |
| 64 | 73.3 | 53.7 | 80.5 |
| 63 | 44.8 | 33.7 | 50.5 |

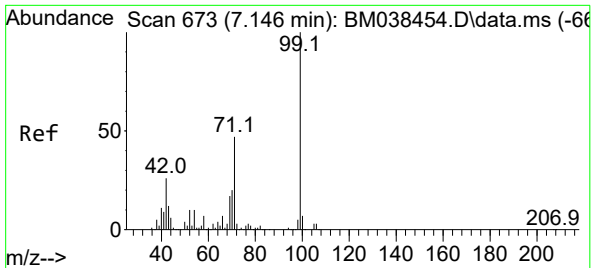


#6
 Aniline
 Concen: 3.482 ng
 RT: 7.304 min Scan# 700
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

Tgt Ion: 93 Resp: 20133

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93 | 100 | | |
| 66 | 46.2 | 36.2 | 54.2 |
| 65 | 24.1 | 19.8 | 29.8 |



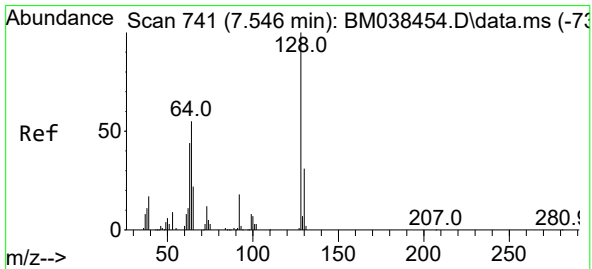
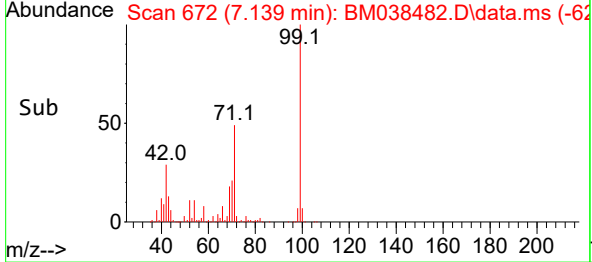
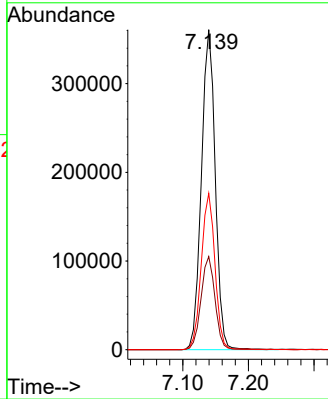
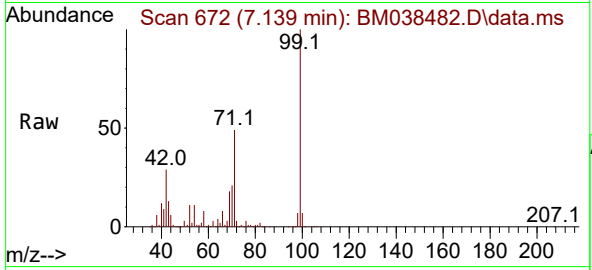


#7
Phenol-d6
Concen: 116.189 ng
RT: 7.139 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM038482.D
Acq: 18 Jan 2023 16:25

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 99 Resp: 531815

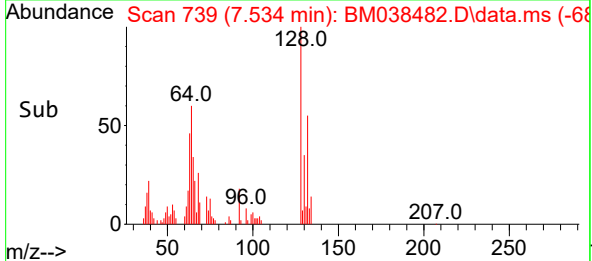
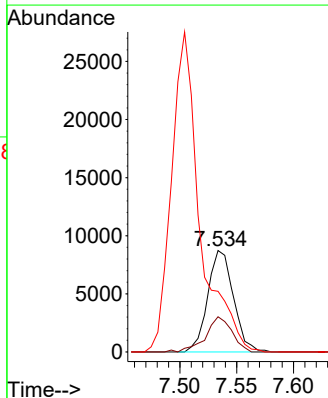
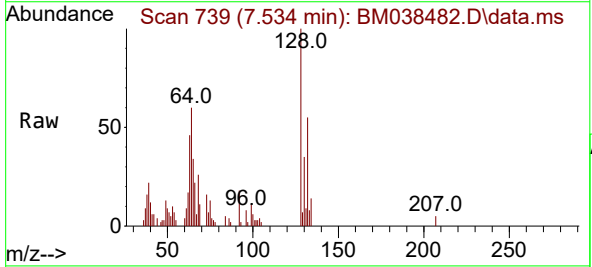
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99 | 100 | | |
| 42 | 29.1 | 20.8 | 31.2 |
| 71 | 48.8 | 37.8 | 56.8 |

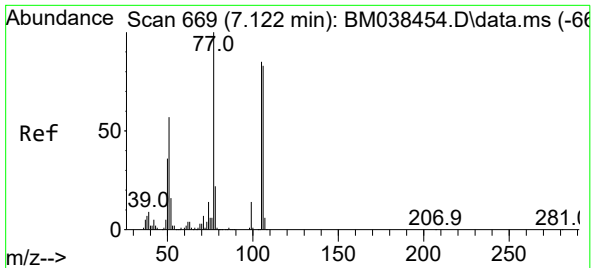


#8
2-Chlorophenol
Concen: 3.890 ng
RT: 7.534 min Scan# 739
Delta R.T. 0.000 min
Lab File: BM038482.D
Acq: 18 Jan 2023 16:25

Tgt Ion: 128 Resp: 13762

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100 | | |
| 130 | 34.8 | 11.5 | 51.5 |
| 64 | 59.8 | 38.0 | 78.0 |



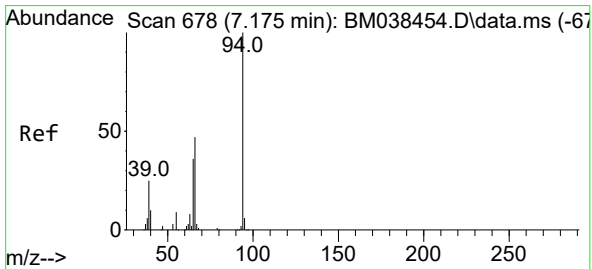
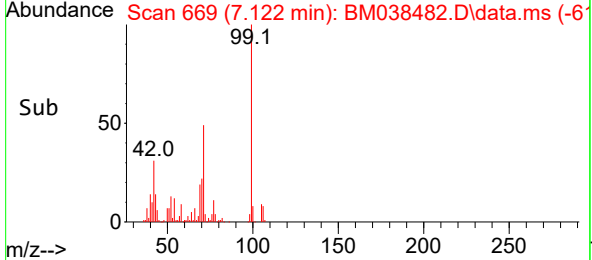
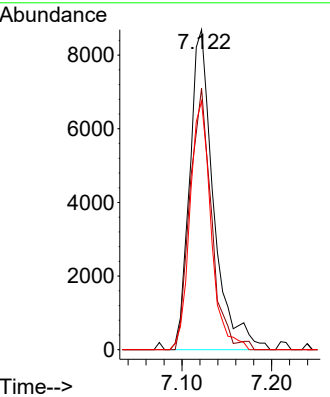
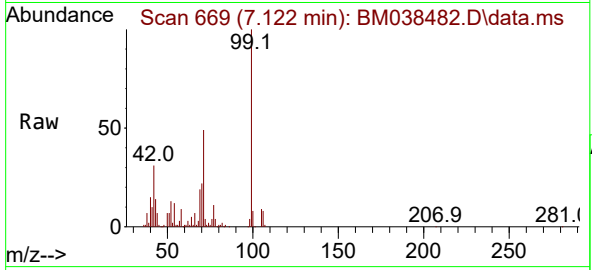


#9
 Benzaldehyde
 Concen: 5.248 ng
 RT: 7.122 min Scan# 60
 Delta R.T. 0.006 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

Instrument : BNA_M
 ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 77 Resp: 16064

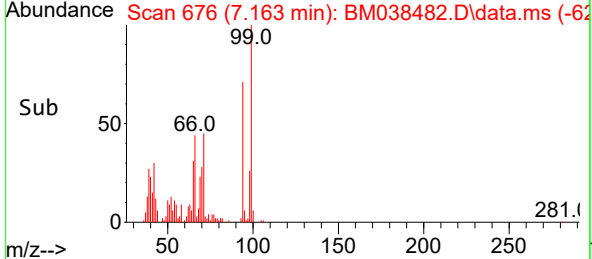
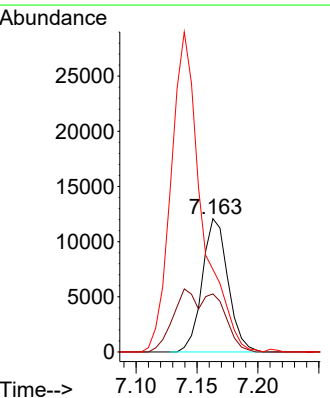
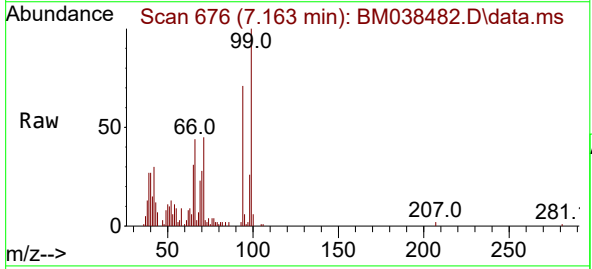
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77 | 100 | | |
| 105 | 81.7 | 65.3 | 105.3 |
| 106 | 77.7 | 62.5 | 102.5 |

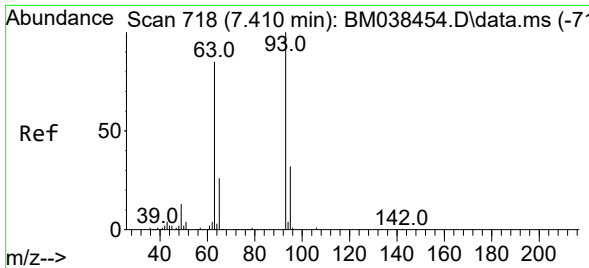


#10
 Phenol
 Concen: 3.723 ng
 RT: 7.163 min Scan# 676
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

Tgt Ion: 94 Resp: 17759

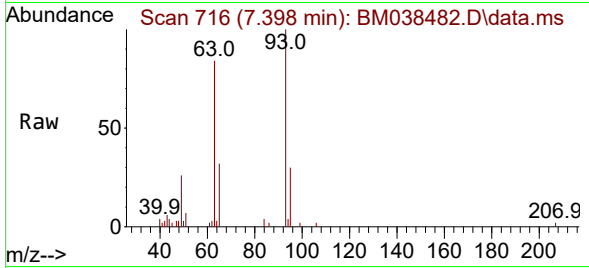
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94 | 100 | | |
| 65 | 43.6 | 16.3 | 56.3 |
| 66 | 62.0 | 29.2 | 69.2 |





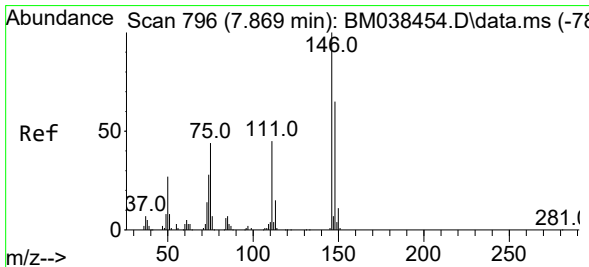
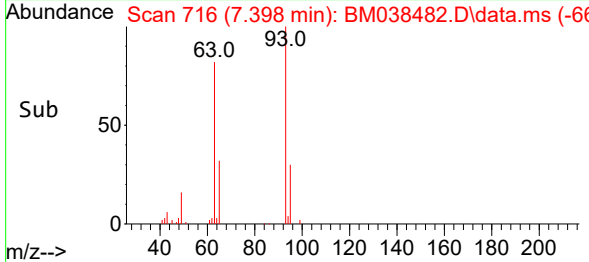
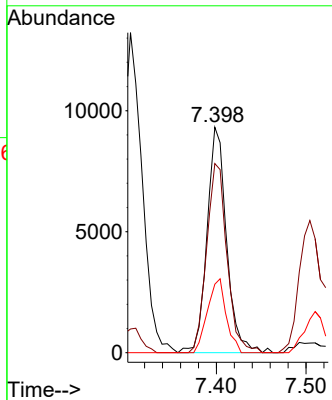
#11
 bis(2-Chloroethyl)ether
 Concen: 3.647 ng
 RT: 7.398 min Scan# 716
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

Instrument : BNA_M
 ClientSampleId : LOD-MDL-SOIL-01-QT3-2022



Tgt Ion: 93 Resp: 14098

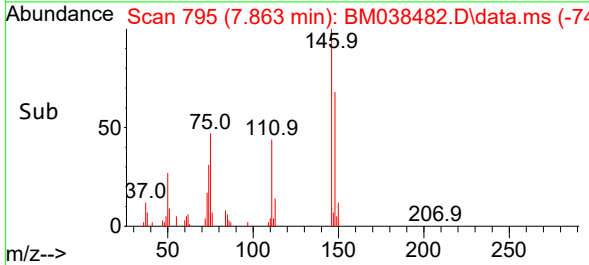
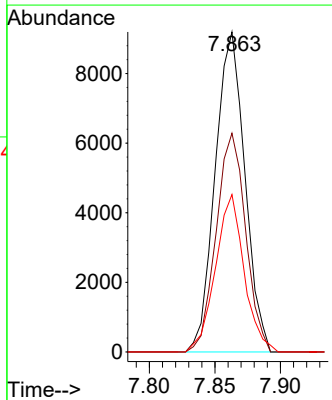
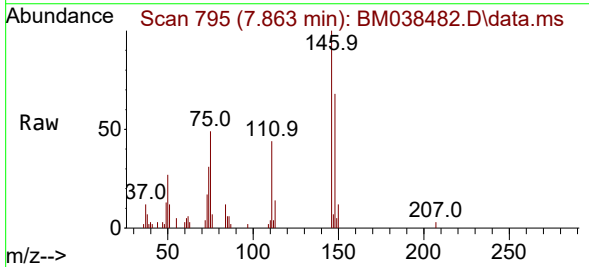
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93 | 100 | | |
| 63 | 83.9 | 64.6 | 104.6 |
| 95 | 30.4 | 12.0 | 52.0 |

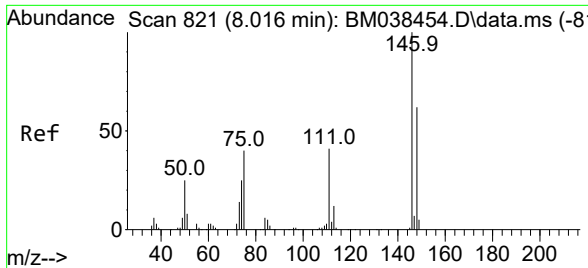


#12
 1,3-Dichlorobenzene
 Concen: 3.814 ng
 RT: 7.863 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

Tgt Ion: 146 Resp: 14453

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100 | | |
| 148 | 68.3 | 51.8 | 77.8 |
| 75 | 49.2 | 35.1 | 52.7 |

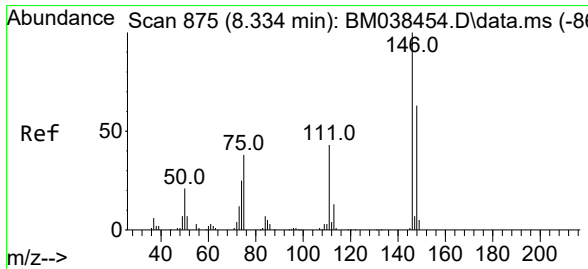
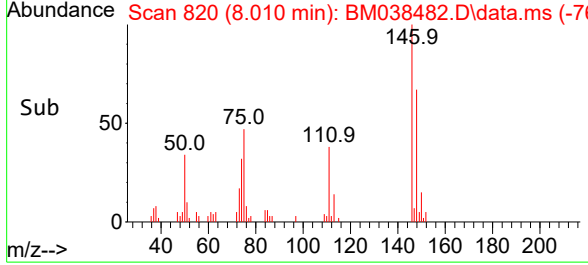
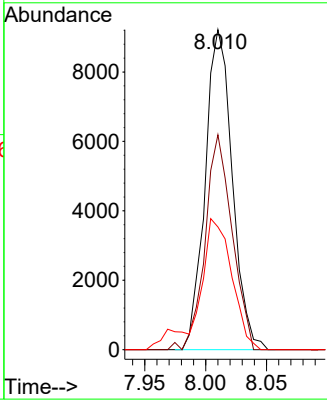
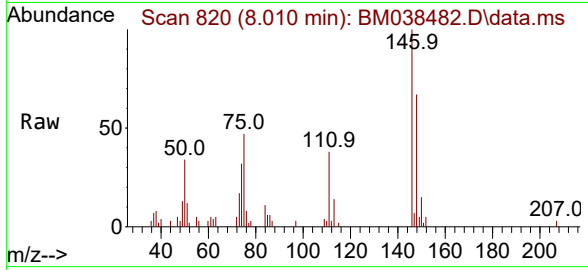




#13
 1,4-Dichlorobenzene
 Concen: 3.752 ng
 RT: 8.010 min Scan# 811
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

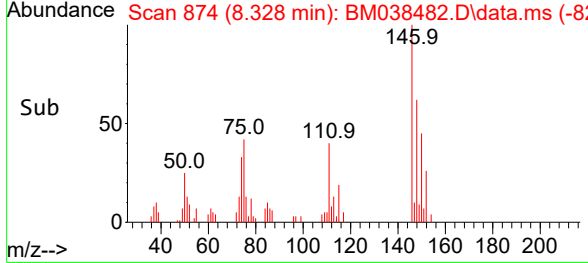
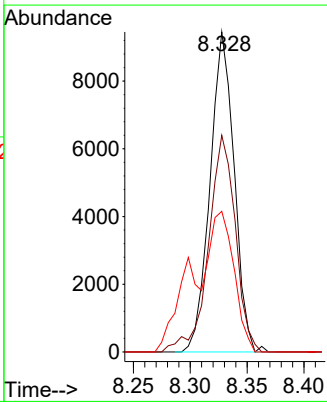
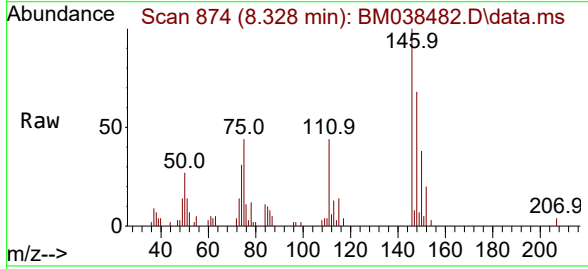
Instrument : BNA_M
 ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

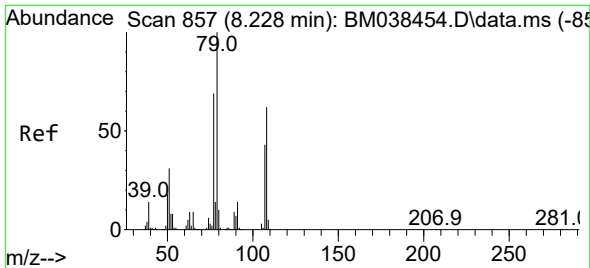
| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 146 | 14304 | | |
| 146 | 100 | | |
| 148 | 67.2 | 50.1 | 75.1 |
| 111 | 38.4 | 32.8 | 49.2 |



#14
 1,2-Dichlorobenzene
 Concen: 3.748 ng
 RT: 8.328 min Scan# 874
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

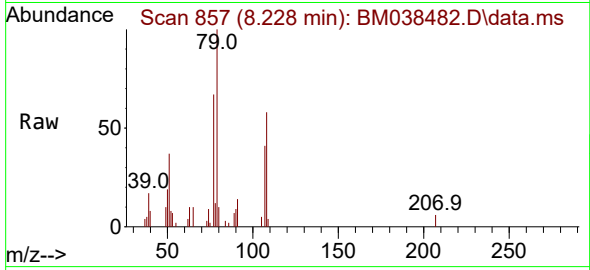
| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 146 | 13972 | | |
| 146 | 100 | | |
| 148 | 67.7 | 50.7 | 76.1 |
| 111 | 44.0 | 35.2 | 52.8 |





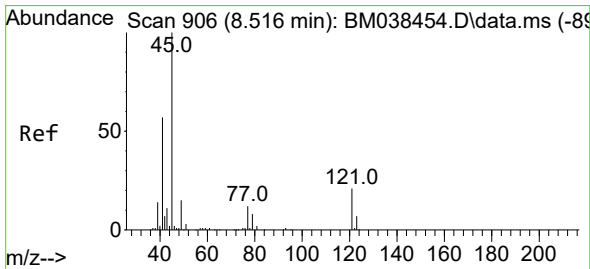
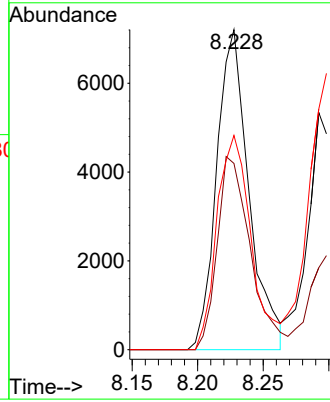
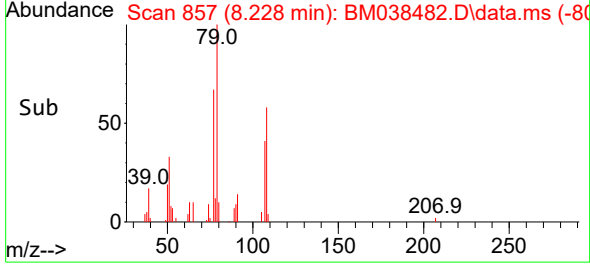
#15
 Benzyl Alcohol
 Concen: 3.365 ng
 RT: 8.228 min Scan# 857
 Delta R.T. 0.006 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

Instrument : BNA_M
 ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

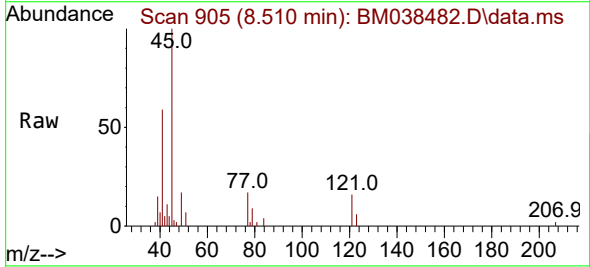


Tgt Ion: 79 Resp: 12335

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79 | 100 | | |
| 108 | 58.2 | 49.3 | 73.9 |
| 77 | 66.9 | 55.1 | 82.7 |

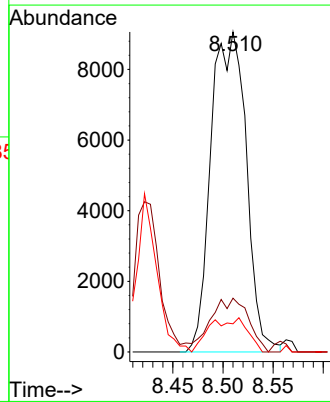
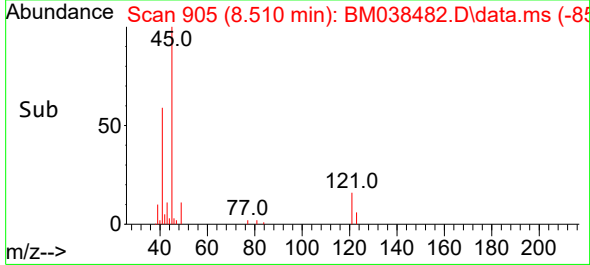


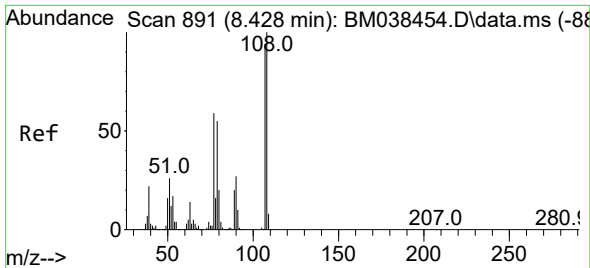
#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 4.115 ng
 RT: 8.510 min Scan# 905
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25



Tgt Ion: 45 Resp: 22176

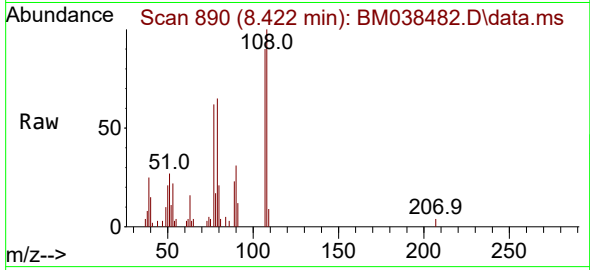
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45 | 100 | | |
| 77 | 16.8 | 0.0 | 34.7 |
| 79 | 8.8 | 0.0 | 30.4 |



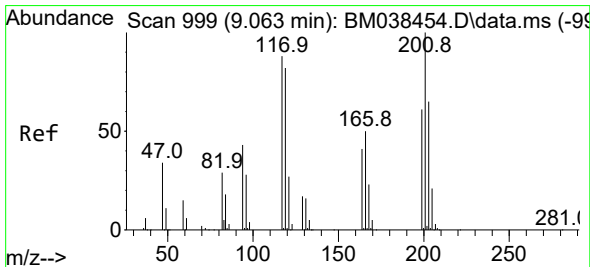
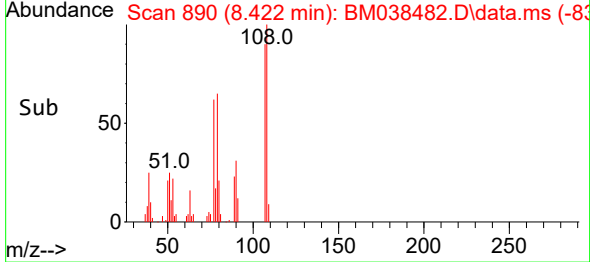
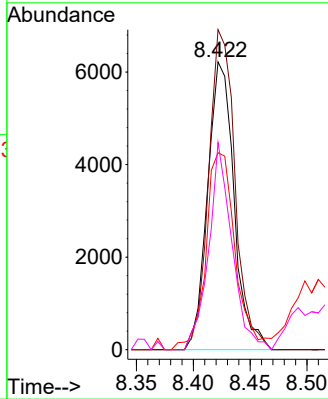


#17
 2-Methylphenol
 Concen: 3.133 ng
 RT: 8.422 min Scan# 891
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

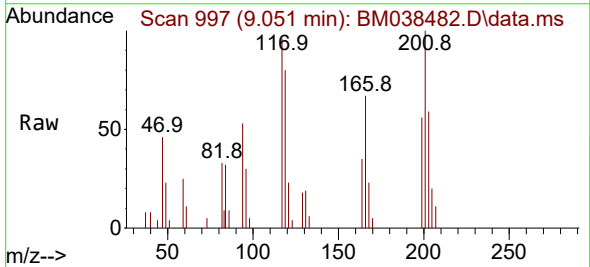
Instrument : BNA_M
 ClientSampleId : LOD-MDL-SOIL-01-QT3-2022



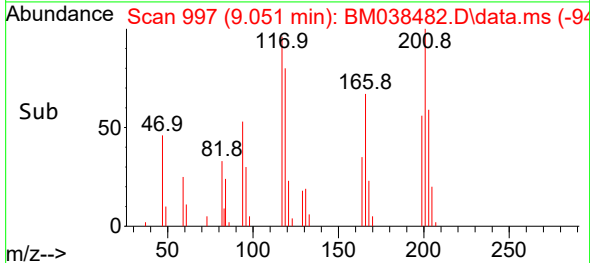
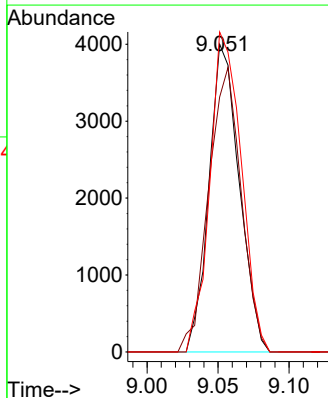
| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 107 | 100 | | |
| 108 | 111.2 | 85.7 | 128.5 |
| 77 | 68.4 | 50.5 | 75.7 |
| 79 | 72.0 | 47.4 | 71.0 |

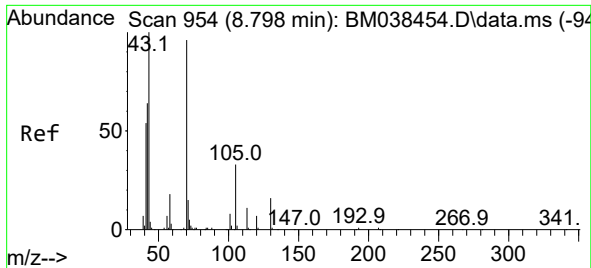


#18
 Hexachloroethane
 Concen: 3.805 ng
 RT: 9.051 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25



| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 117 | 100 | | |
| 119 | 82.8 | 74.5 | 111.7 |
| 201 | 104.0 | 91.3 | 136.9 |



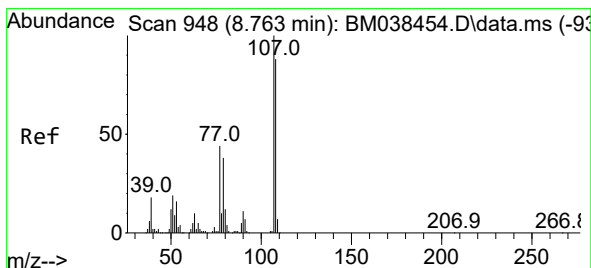
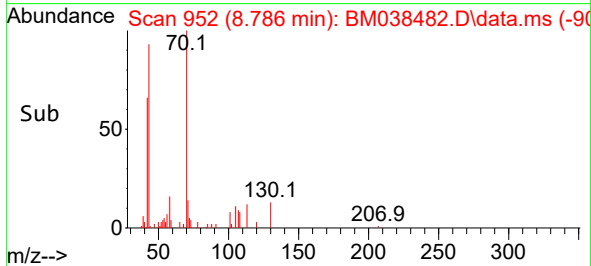
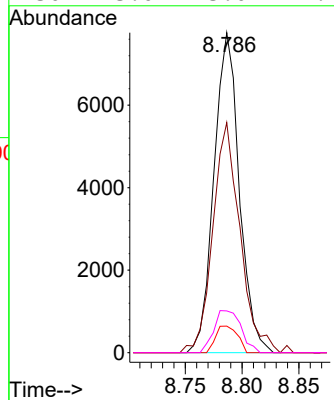
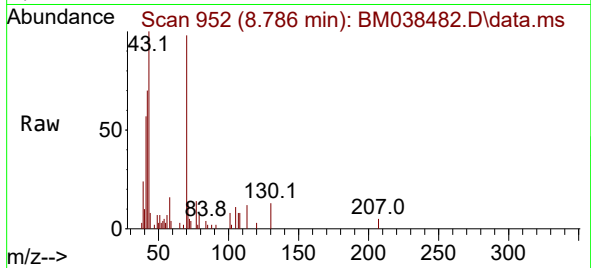


#19
 n-Nitroso-di-n-propylamine
 Concen: 3.621 ng
 RT: 8.786 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 70 Resp: 12030

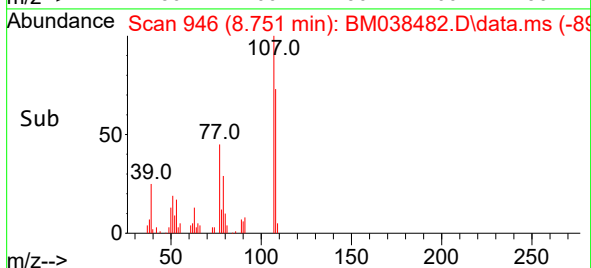
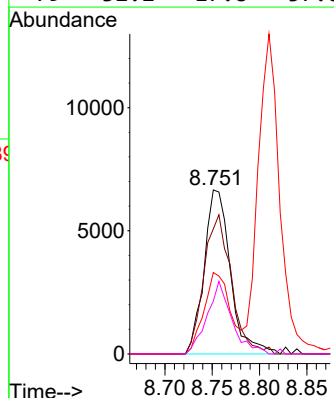
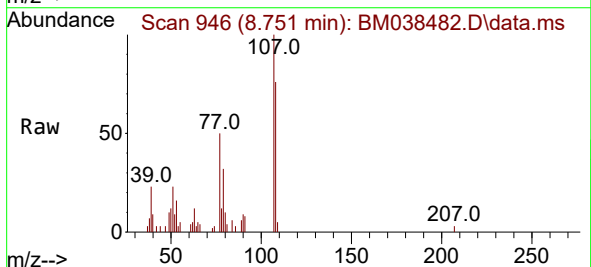
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70 | 100 | | |
| 42 | 71.9 | 54.2 | 81.2 |
| 101 | 8.3 | 6.6 | 10.0 |
| 130 | 13.0 | 13.0 | 19.4 |

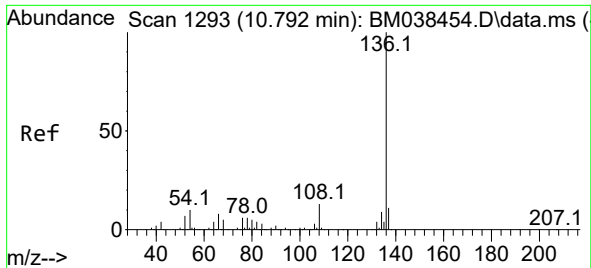


#20
 3+4-Methylphenols
 Concen: 2.980 ng
 RT: 8.751 min Scan# 946
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

Tgt Ion: 107 Resp: 12888

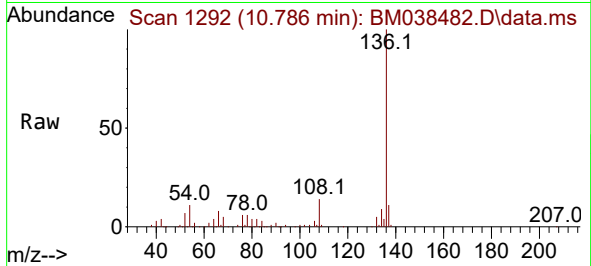
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100 | | |
| 108 | 76.2 | 67.6 | 107.6 |
| 77 | 49.6 | 24.1 | 64.1 |
| 79 | 32.2 | 17.8 | 57.8 |





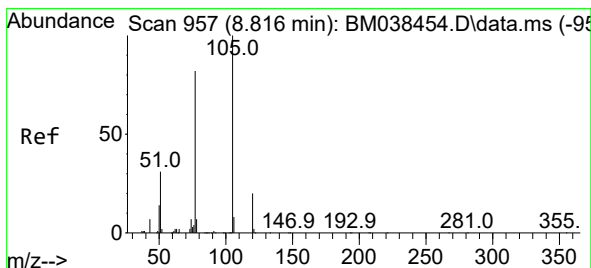
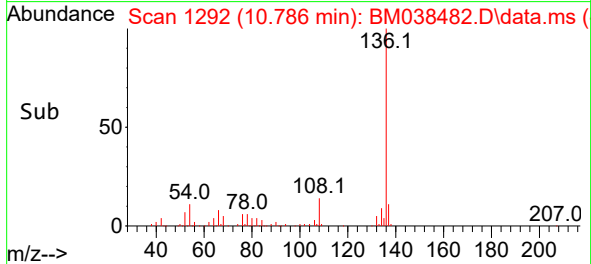
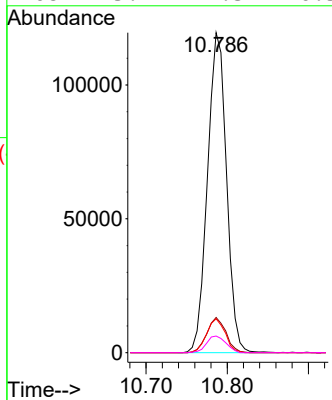
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.786 min Scan# 1111
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

Instrument : BNA_M
 ClientSampleId : LOD-MDL-SOIL-01-QT3-2022



Tgt Ion:136 Resp: 194318

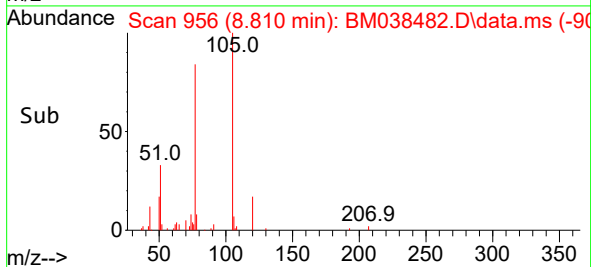
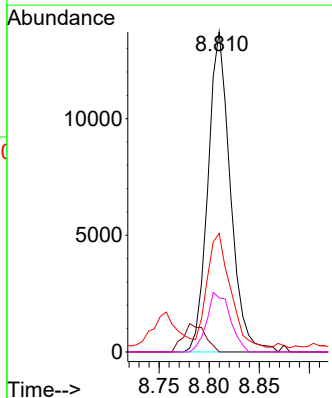
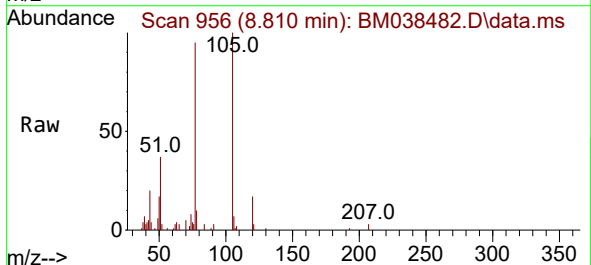
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100 | | |
| 137 | 11.0 | 9.0 | 13.4 |
| 54 | 10.6 | 7.6 | 11.4 |
| 68 | 5.2 | 4.3 | 6.5 |

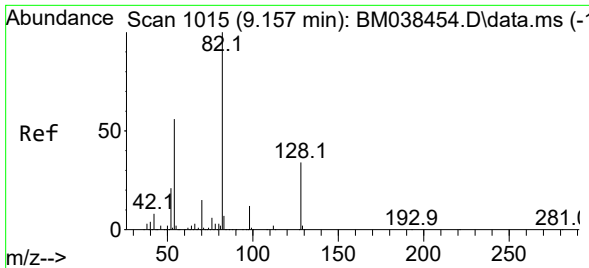


#22
 Acetophenone
 Concen: 3.709 ng
 RT: 8.810 min Scan# 956
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

Tgt Ion:105 Resp: 21301

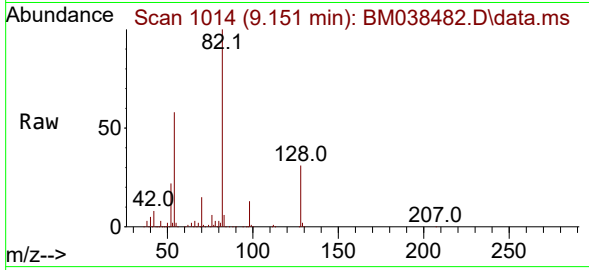
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100 | | |
| 71 | 0.0 | 1.0 | 1.6# |
| 51 | 37.1 | 27.4 | 41.2 |
| 120 | 16.9 | 15.6 | 23.4 |





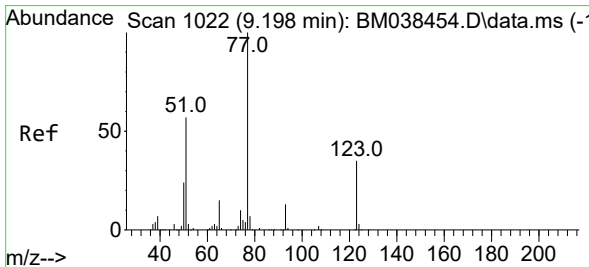
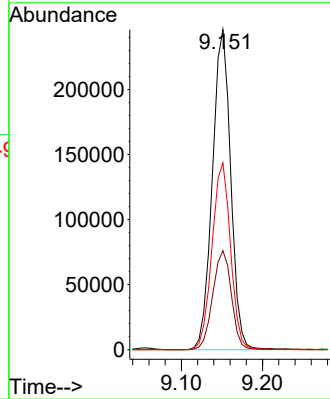
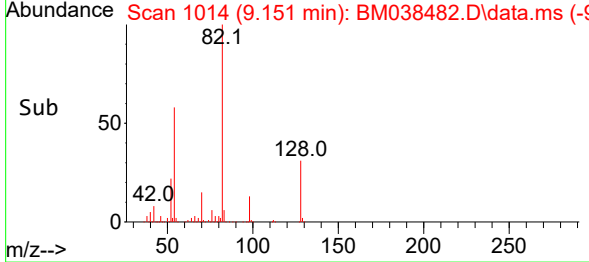
#23
 Nitrobenzene-d5
 Concen: 80.921 ng
 RT: 9.151 min Scan# 1014
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

Instrument : BNA_M
 ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

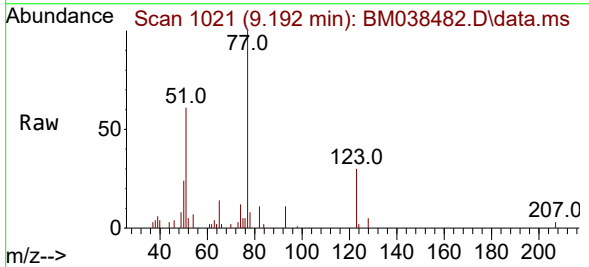


Tgt Ion: 82 Resp: 385919

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82 | 100 | | |
| 128 | 30.9 | 27.0 | 40.6 |
| 54 | 58.4 | 45.0 | 67.6 |

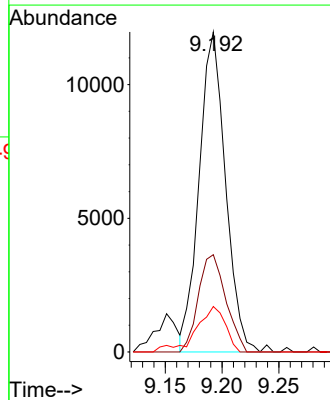
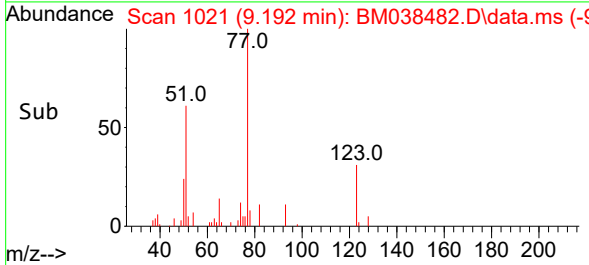


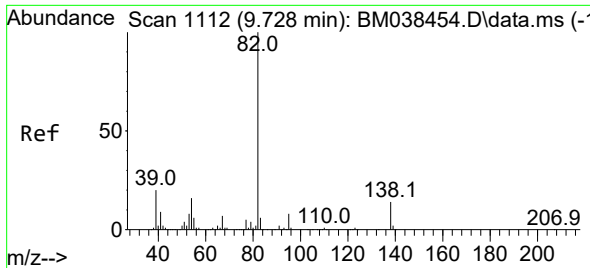
#24
 Nitrobenzene
 Concen: 3.836 ng
 RT: 9.192 min Scan# 1021
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25



Tgt Ion: 77 Resp: 19331

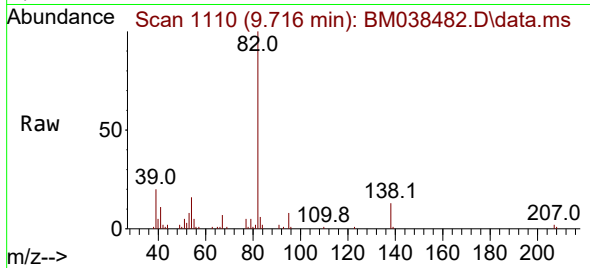
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77 | 100 | | |
| 123 | 30.4 | 28.2 | 42.4 |
| 65 | 14.2 | 12.1 | 18.1 |



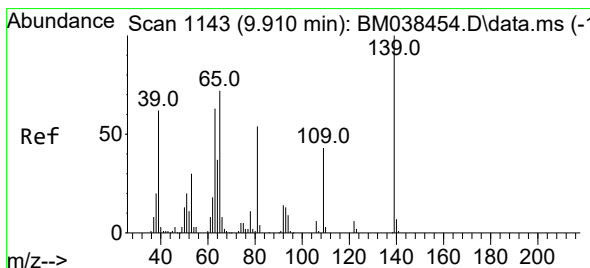
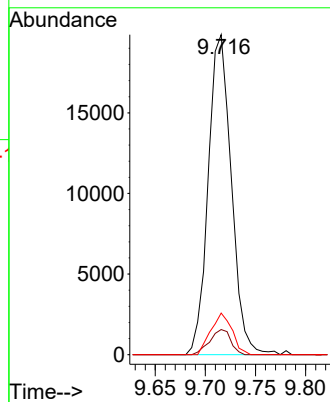
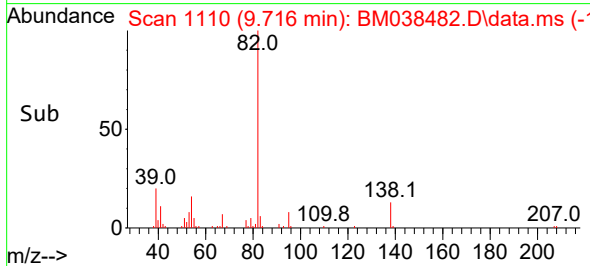


#25
 Isophorone
 Concen: 3.776 ng
 RT: 9.716 min Scan# 1110
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

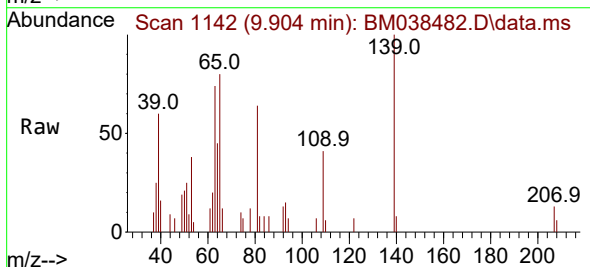
Instrument : BNA_M
 ClientSampleId : LOD-MDL-SOIL-01-QT3-2022



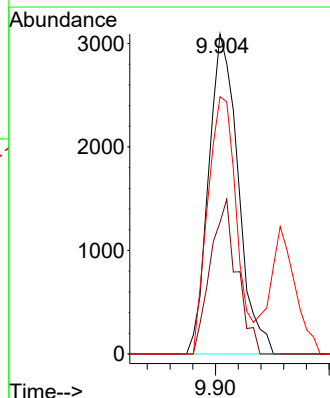
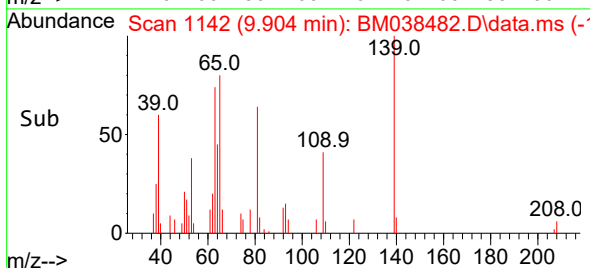
Tgt Ion: 82 Resp: 31902
 Ion Ratio Lower Upper
 82 100
 95 7.8 6.1 9.1
 138 13.0 11.5 17.3

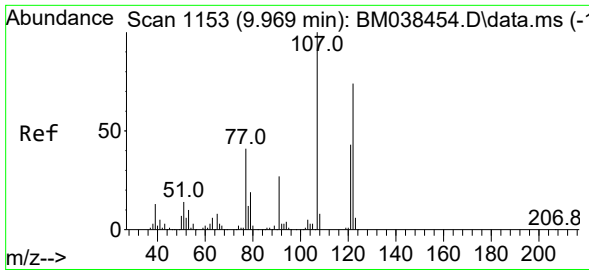


#26
 2-Nitrophenol
 Concen: 3.150 ng
 RT: 9.904 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25



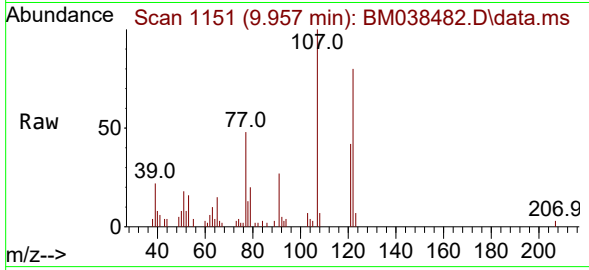
Tgt Ion: 139 Resp: 5572
 Ion Ratio Lower Upper
 139 100
 109 41.2 34.7 52.1
 65 80.4 57.4 86.0



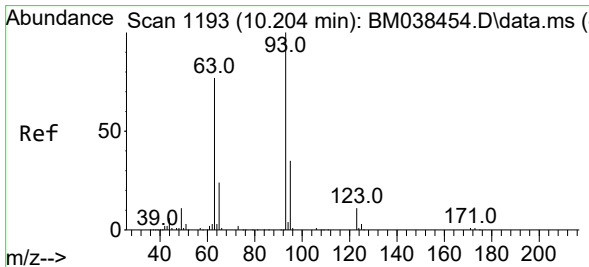
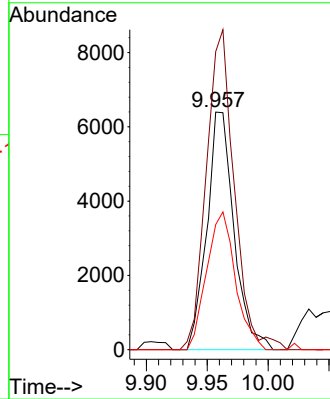
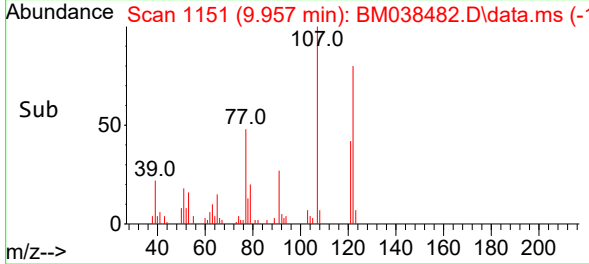


#27
 2,4-Dimethylphenol
 Concen: 3.293 ng
 RT: 9.957 min Scan# 1151
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

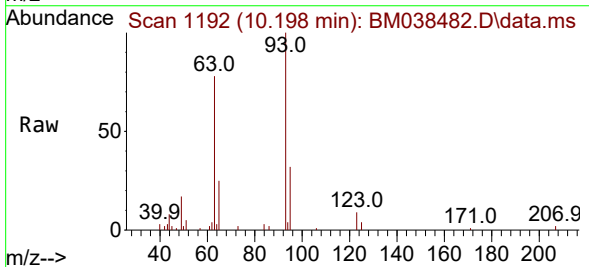
Instrument : BNA_M
 ClientSampleId : LOD-MDL-SOIL-01-QT3-2022



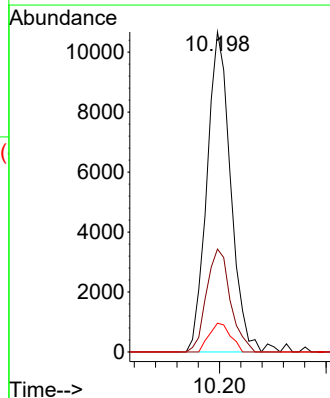
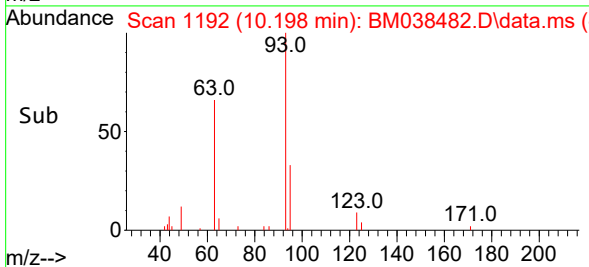
Tgt Ion:122 Resp: 9919
 Ion Ratio Lower Upper
 122 100
 107 125.5 107.4 161.0
 121 52.6 46.6 70.0

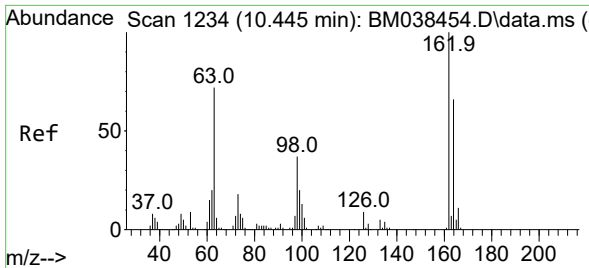


#28
 bis(2-Chloroethoxy)methane
 Concen: 3.486 ng
 RT: 10.198 min Scan# 1192
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25



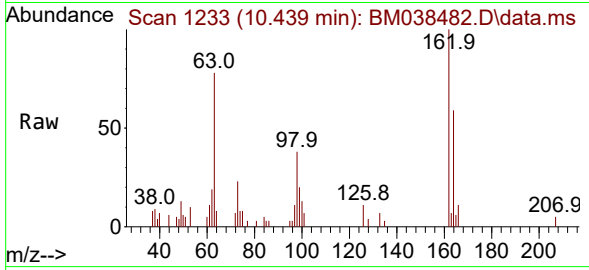
Tgt Ion: 93 Resp: 16563
 Ion Ratio Lower Upper
 93 100
 95 32.2 27.7 41.5
 123 9.0 8.6 13.0



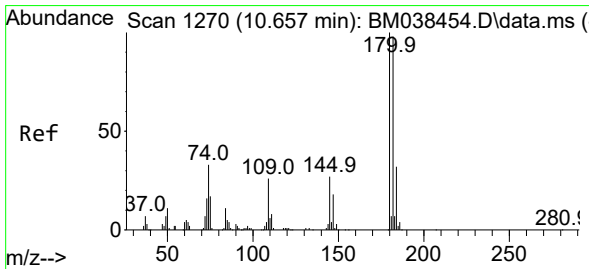
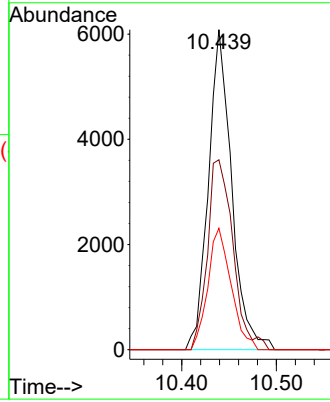
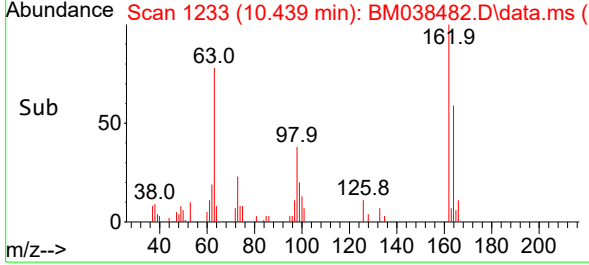


#29
 2,4-Dichlorophenol
 Concen: 3.116 ng
 RT: 10.439 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

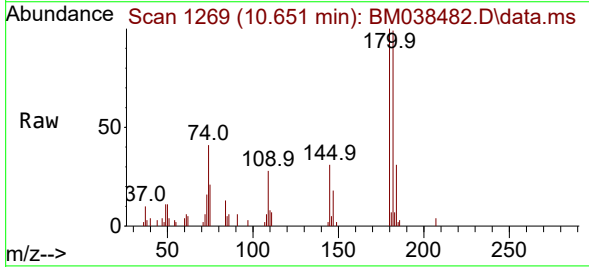
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022



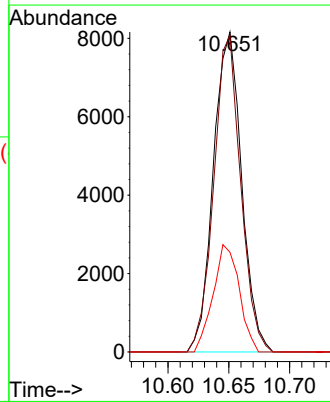
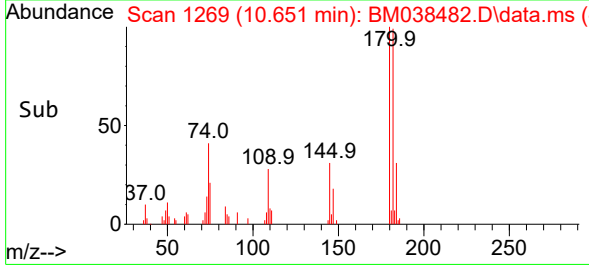
Tgt Ion:162 Resp: 10369
 Ion Ratio Lower Upper
 162 100
 164 59.3 46.5 86.5
 98 38.0 17.1 57.1

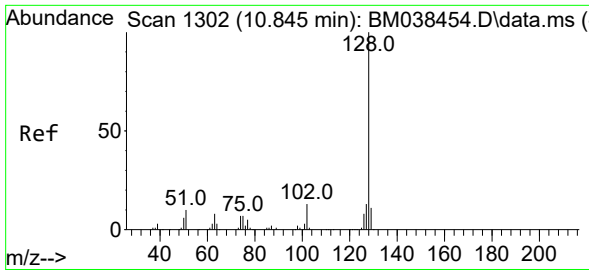


#30
 1,2,4-Trichlorobenzene
 Concen: 3.416 ng
 RT: 10.651 min Scan# 1269
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25



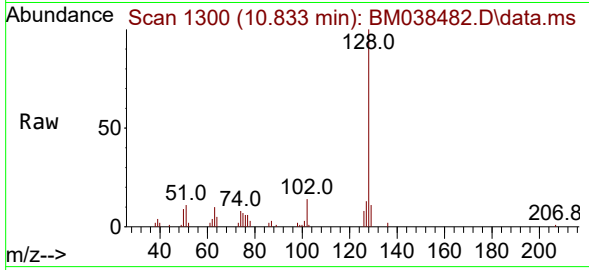
Tgt Ion:180 Resp: 13146
 Ion Ratio Lower Upper
 180 100
 182 98.9 78.1 117.1
 145 31.1 21.9 32.9



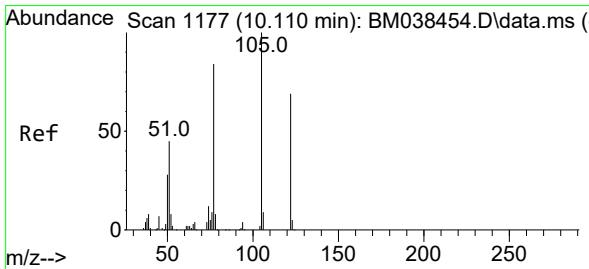
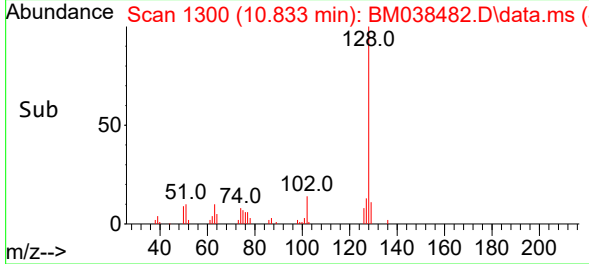
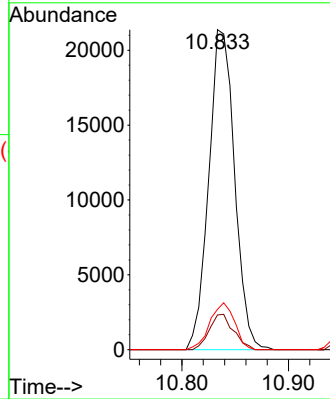


#31
 Naphthalene
 Concen: 3.503 ng
 RT: 10.833 min Scan# 1164
 Delta R.T. -0.006 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

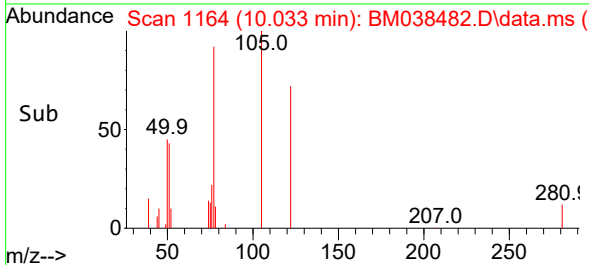
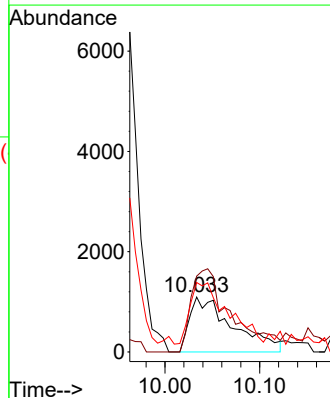
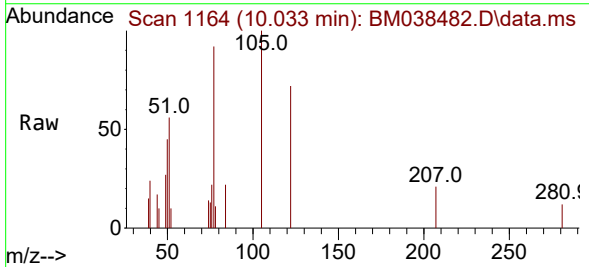


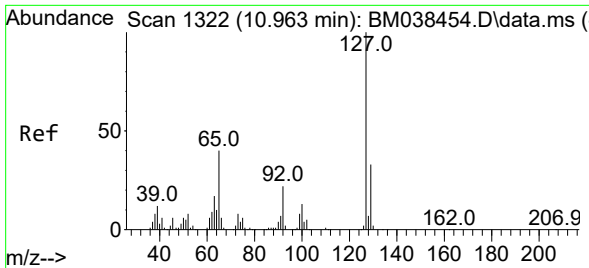
Tgt Ion:128 Resp: 36077
 Ion Ratio Lower Upper
 128 100
 129 10.9 8.9 13.3
 127 12.6 10.8 16.2



#32
 Benzoic acid
 Concen: 6.337 ng
 RT: 10.033 min Scan# 1164
 Delta R.T. -0.065 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

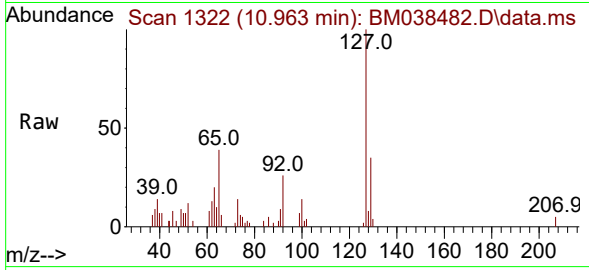
Tgt Ion:122 Resp: 3482
 Ion Ratio Lower Upper
 122 100
 105 138.1 122.6 162.6
 77 126.5 101.5 141.5





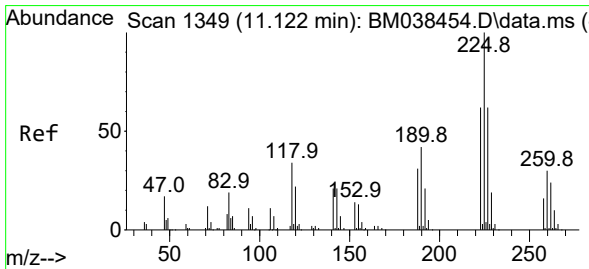
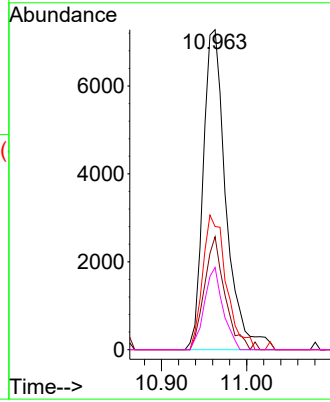
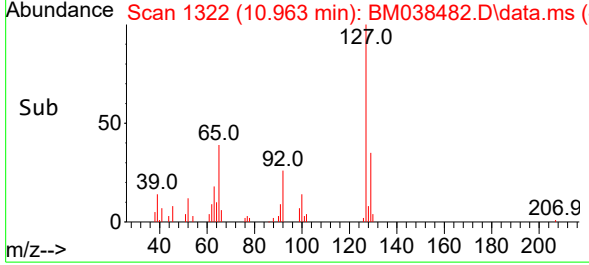
#33
 4-Chloroaniline
 Concen: 2.978 ng
 RT: 10.963 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

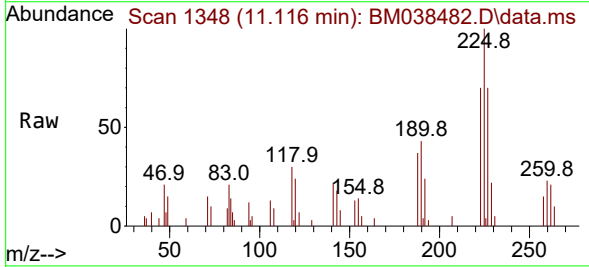


Tgt Ion:127 Resp: 13462

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100 | | |
| 129 | 35.3 | 26.4 | 39.6 |
| 65 | 38.5 | 32.1 | 48.1 |
| 92 | 25.7 | 17.6 | 26.4 |

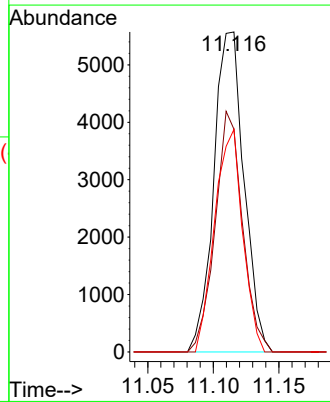
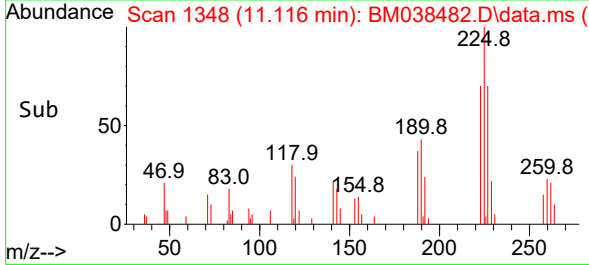


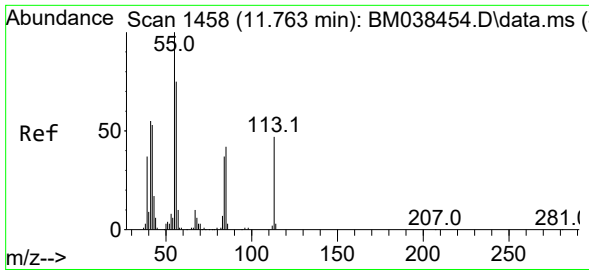
#34
 Hexachlorobutadiene
 Concen: 3.314 ng
 RT: 11.116 min Scan# 1348
 Delta R.T. 0.006 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25



Tgt Ion:225 Resp: 8945

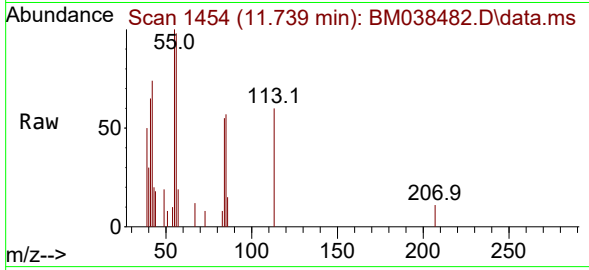
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100 | | |
| 223 | 67.0 | 49.8 | 74.8 |
| 227 | 66.9 | 49.6 | 74.4 |



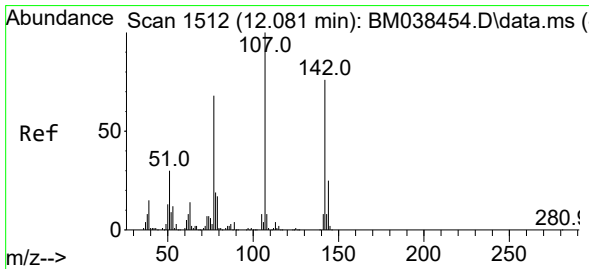
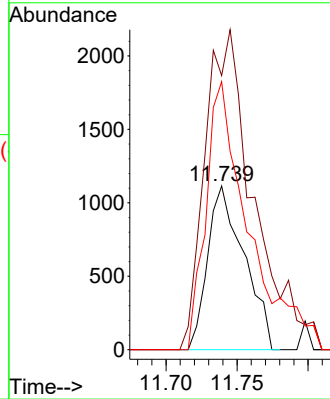
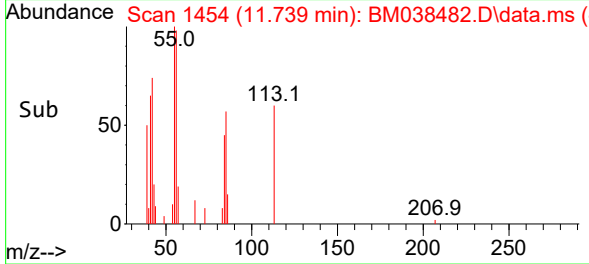


#35
 Caprolactam
 Concen: 2.109 ng
 RT: 11.739 min Scan# 1458
 Delta R.T. -0.012 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

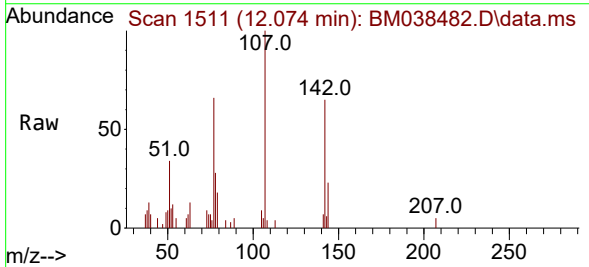
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022



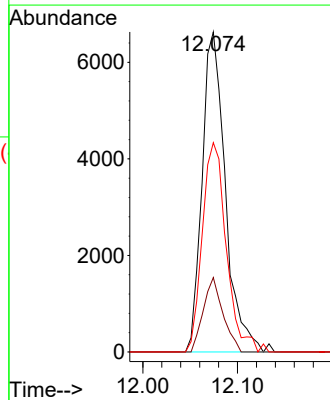
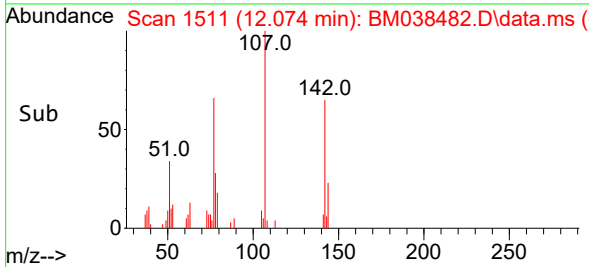
Tgt Ion:113 Resp: 1984
 Ion Ratio Lower Upper
 113 100
 55 167.4 194.2 234.2#
 56 163.7 141.6 181.6

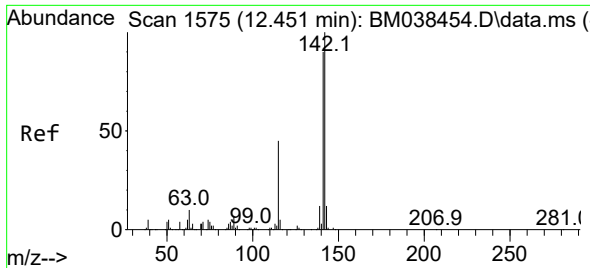


#36
 4-Chloro-3-methylphenol
 Concen: 3.117 ng
 RT: 12.074 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25



Tgt Ion:107 Resp: 11311
 Ion Ratio Lower Upper
 107 100
 144 23.3 20.3 30.5
 142 65.4 61.2 91.8



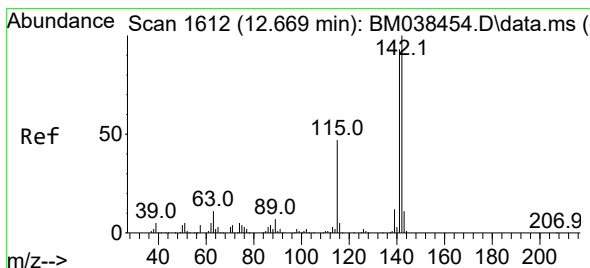
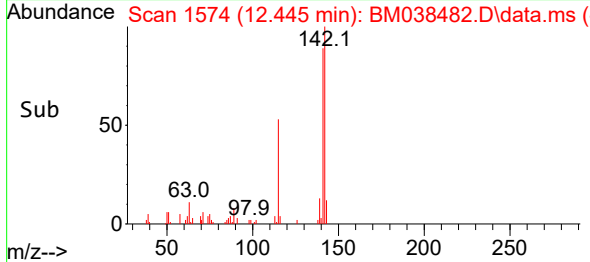
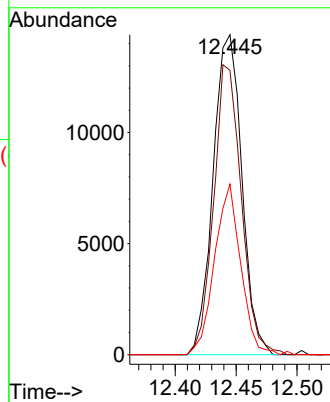
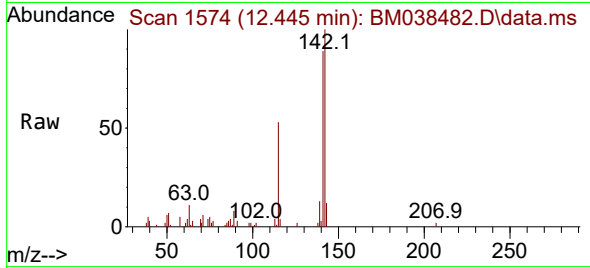


#37
 2-Methylnaphthalene
 Concen: 3.147 ng
 RT: 12.445 min Scan# 1574
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

Instrument : BNA_M
 ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

Tgt Ion:142 Resp: 23696

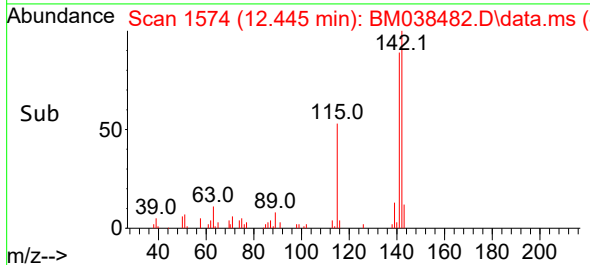
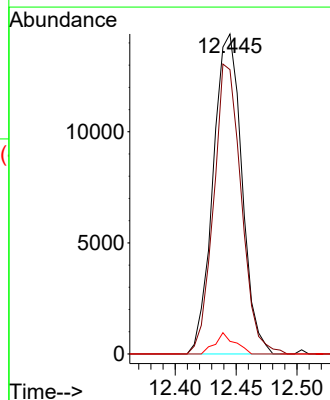
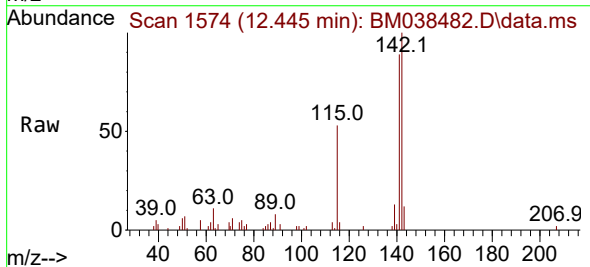
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100 | | |
| 141 | 88.8 | 72.0 | 108.0 |
| 115 | 53.3 | 35.9 | 53.9 |

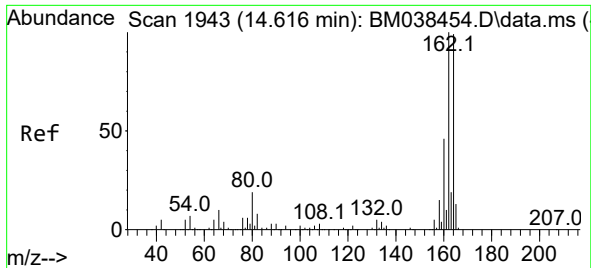


#38
 1-Methylnaphthalene
 Concen: 3.352 ng
 RT: 12.445 min Scan# 1574
 Delta R.T. -0.218 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

Tgt Ion:142 Resp: 23696

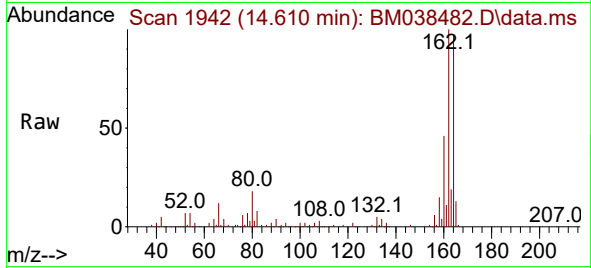
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100 | | |
| 141 | 88.8 | 74.4 | 111.6 |
| 116 | 3.9 | 3.8 | 5.8 |



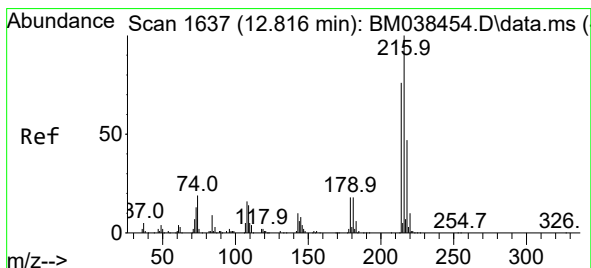
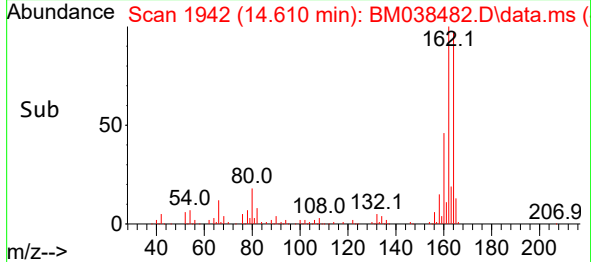
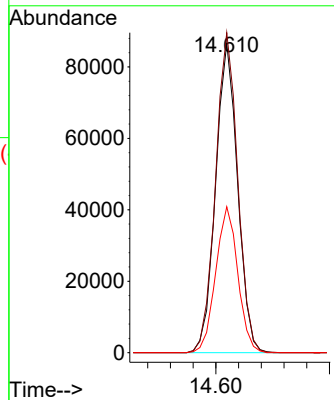


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.610 min Scan# 1942
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

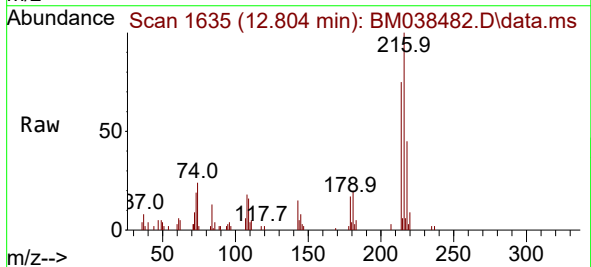
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022



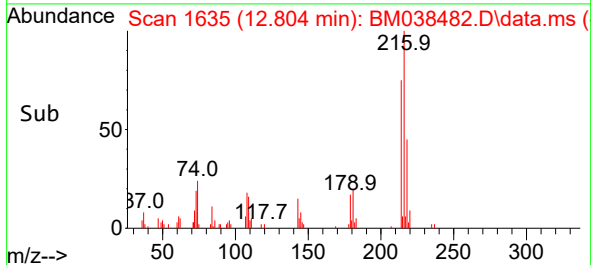
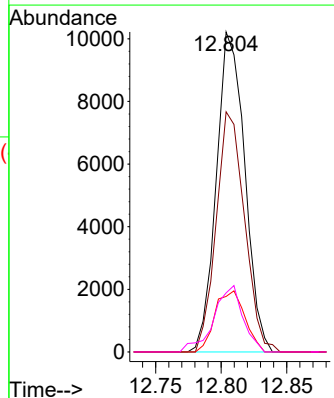
Tgt Ion:164 Resp: 116321
 Ion Ratio Lower Upper
 164 100
 162 103.4 80.9 121.3
 160 47.2 37.4 56.0

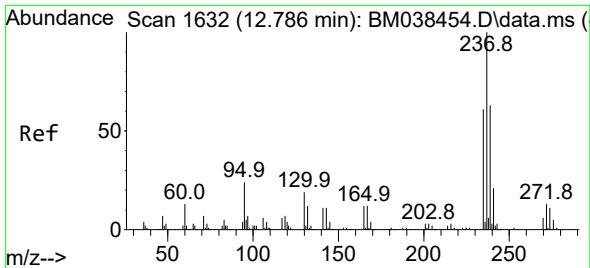


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.533 ng
 RT: 12.804 min Scan# 1635
 Delta R.T. -0.006 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25



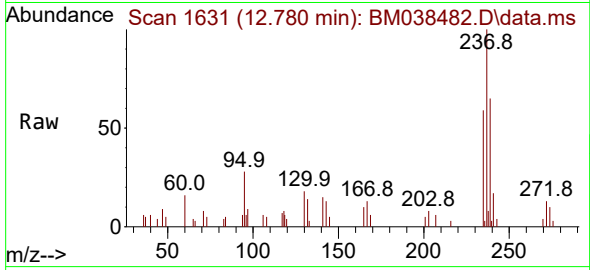
Tgt Ion:216 Resp: 15383
 Ion Ratio Lower Upper
 216 100
 214 74.8 61.4 92.0
 179 20.1 15.3 22.9
 108 21.3 15.0 22.6



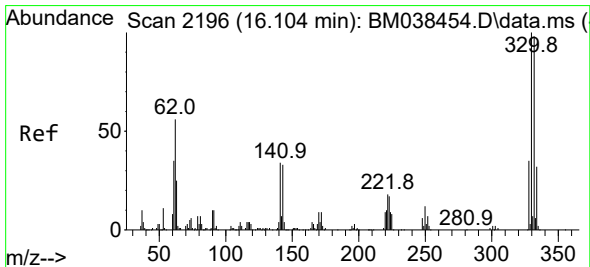
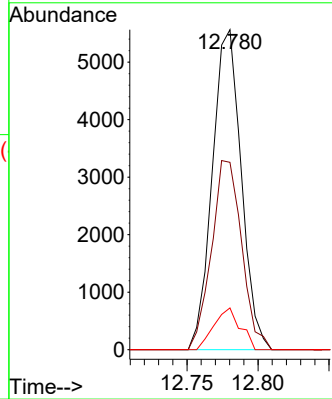
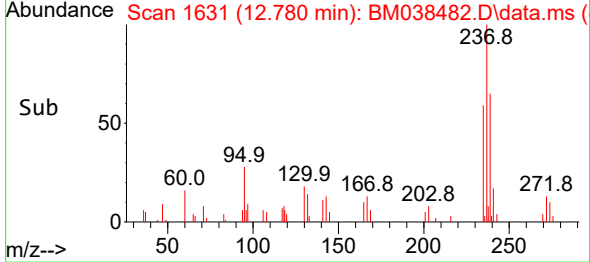


#41
 Hexachlorocyclopentadiene
 Concen: 3.181 ng
 RT: 12.780 min Scan# 1631
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

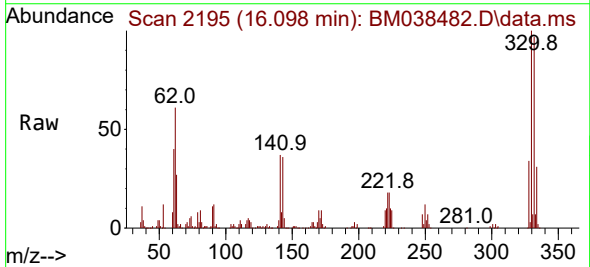
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022



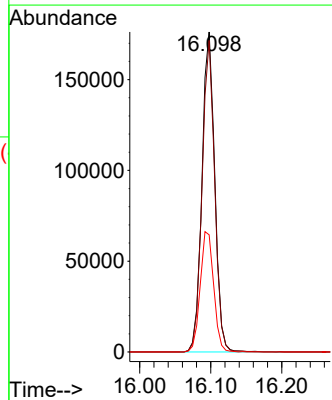
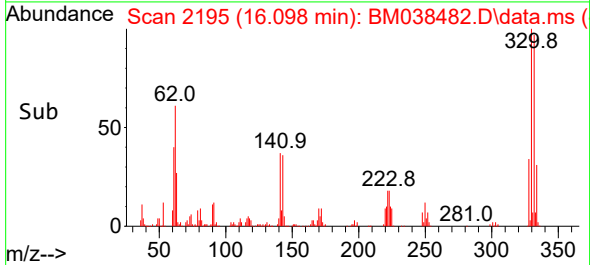
Tgt Ion:237 Resp: 7874
 Ion Ratio Lower Upper
 237 100
 235 61.9 40.9 80.9
 272 13.0 0.0 32.6

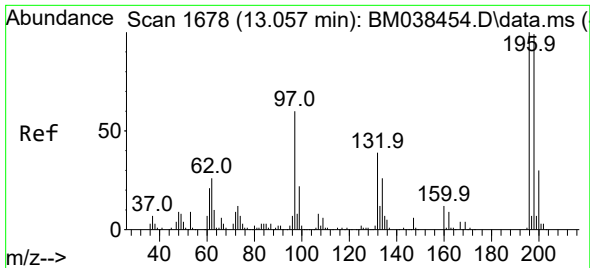


#42
 2,4,6-Tribromophenol
 Concen: 112.283 ng
 RT: 16.098 min Scan# 2195
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25



Tgt Ion:330 Resp: 220793
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.4
 141 39.7 28.1 42.1



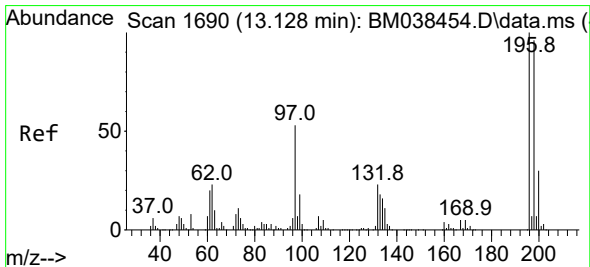
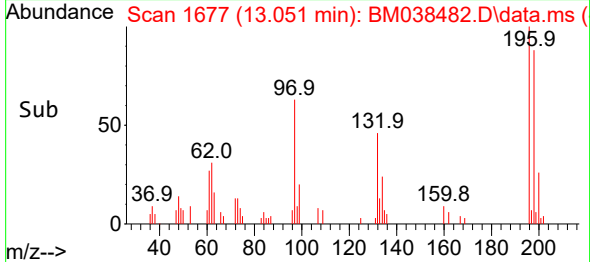
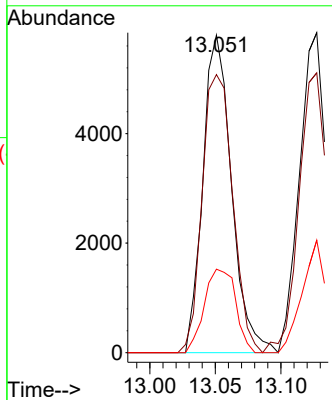
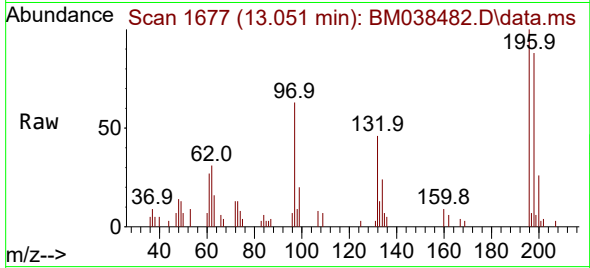


#43
 2,4,6-Trichlorophenol
 Concen: 3.207 ng
 RT: 13.051 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

Tgt Ion:196 Resp: 8826

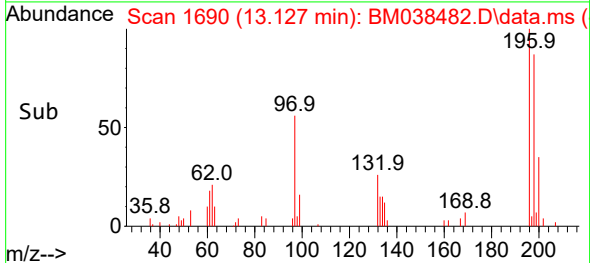
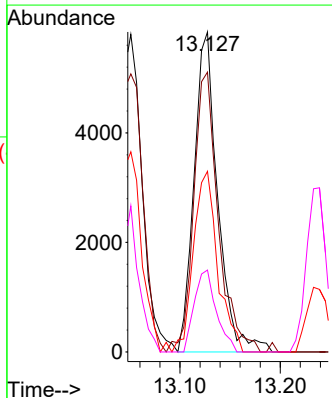
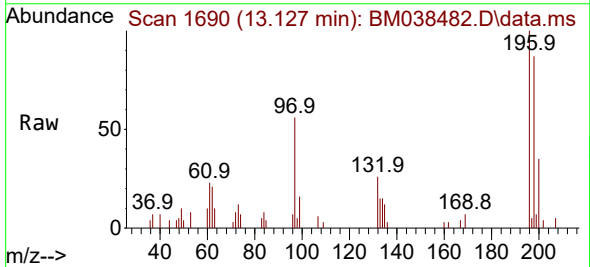
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 196 | 100 | | |
| 198 | 93.3 | 78.8 | 118.2 |
| 200 | 26.3 | 24.4 | 36.6 |

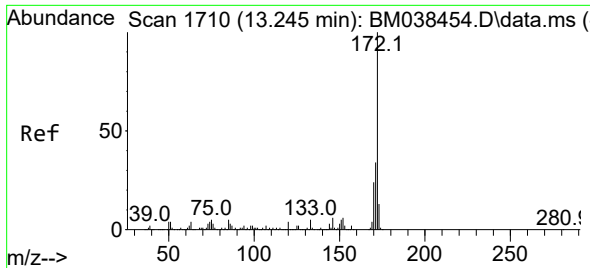


#44
 2,4,5-Trichlorophenol
 Concen: 2.958 ng
 RT: 13.127 min Scan# 1690
 Delta R.T. 0.006 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

Tgt Ion:196 Resp: 9597

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 196 | 100 | | |
| 198 | 87.5 | 77.4 | 116.2 |
| 97 | 56.5 | 42.4 | 63.6 |
| 132 | 25.6 | 18.6 | 27.8 |



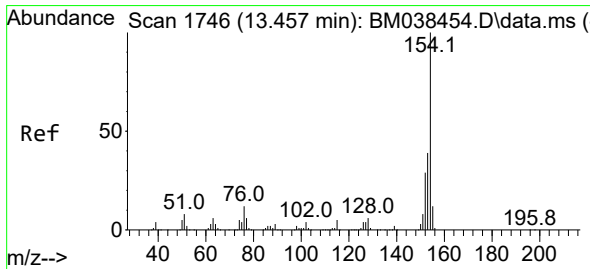
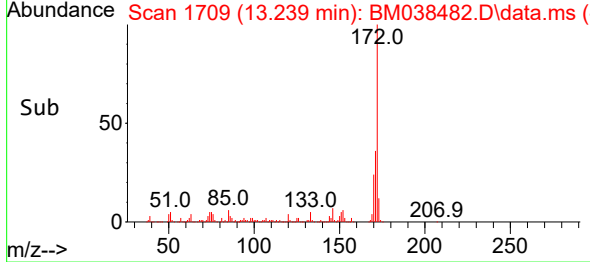
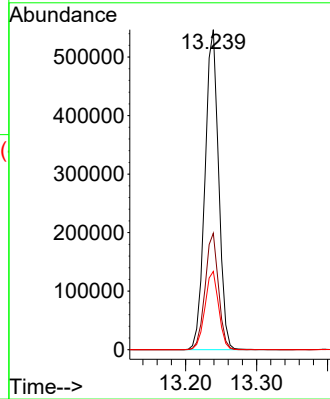
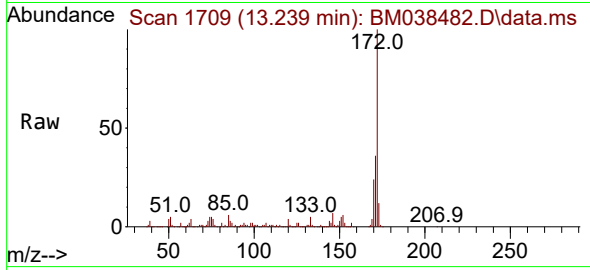


#45
 2-Fluorobiphenyl
 Concen: 78.452 ng
 RT: 13.239 min Scan# 1709
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

Instrument : BNA_M
 ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

Tgt Ion:172 Resp: 731743

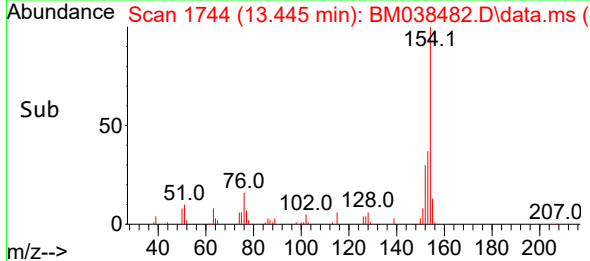
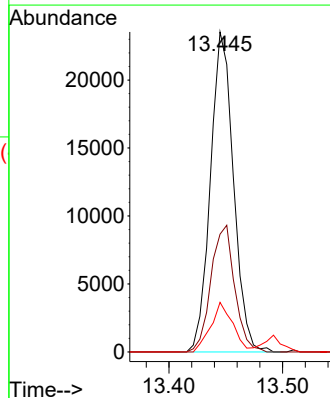
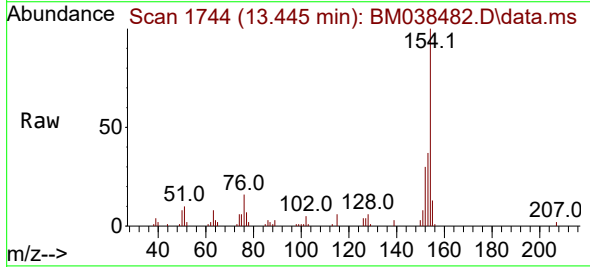
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100 | | |
| 171 | 36.4 | 27.5 | 41.3 |
| 170 | 24.5 | 19.0 | 28.6 |

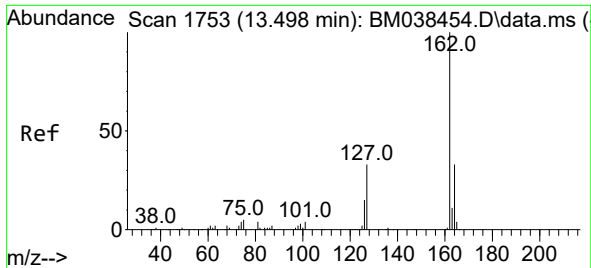


#46
 1,1'-Biphenyl
 Concen: 3.674 ng
 RT: 13.445 min Scan# 1744
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

Tgt Ion:154 Resp: 33155

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100 | | |
| 153 | 36.8 | 19.3 | 59.3 |
| 76 | 15.5 | 0.0 | 32.2 |



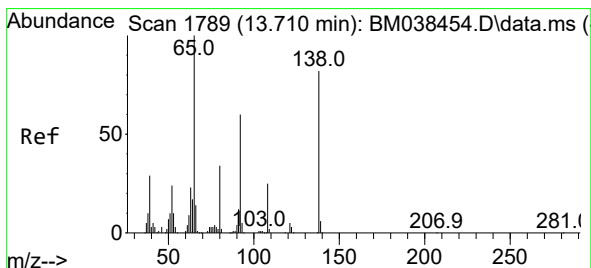
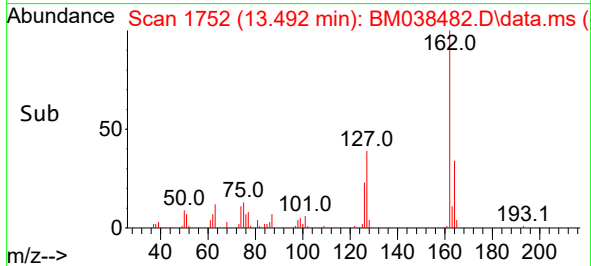
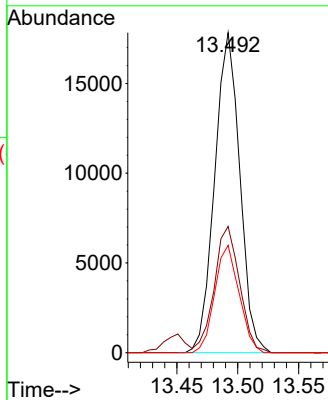
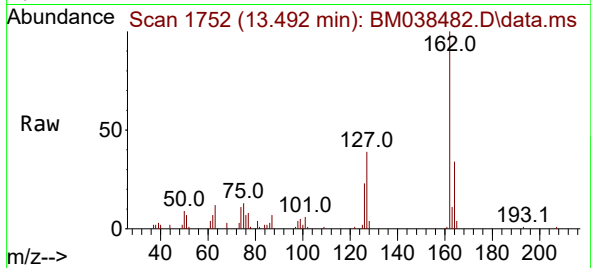


#47
 2-Chloronaphthalene
 Concen: 3.603 ng
 RT: 13.492 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

Instrument : BNA_M
 ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

Tgt Ion:162 Resp: 25590

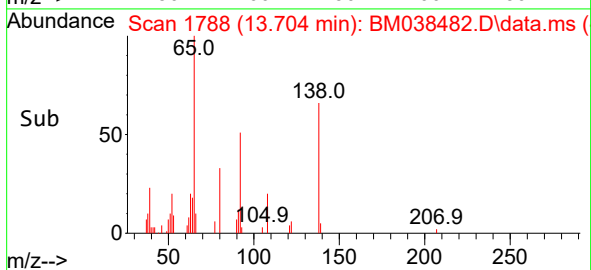
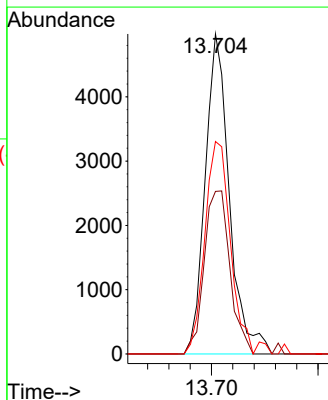
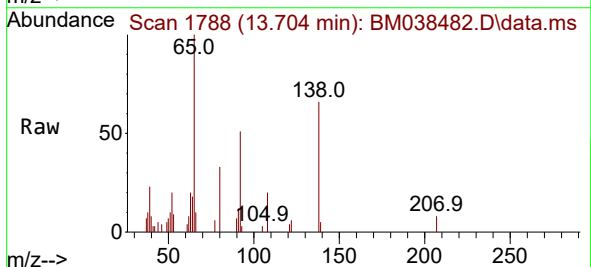
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100 | | |
| 127 | 39.4 | 29.5 | 44.3 |
| 164 | 33.5 | 26.2 | 39.4 |

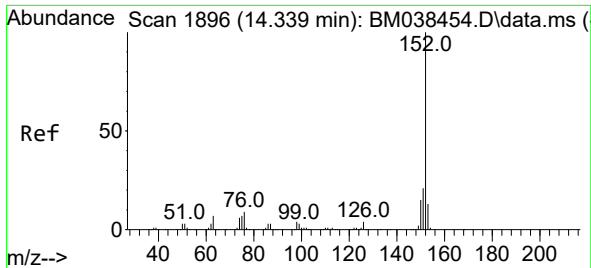


#48
 2-Nitroaniline
 Concen: 4.896 ng
 RT: 13.704 min Scan# 1788
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

Tgt Ion: 65 Resp: 7850

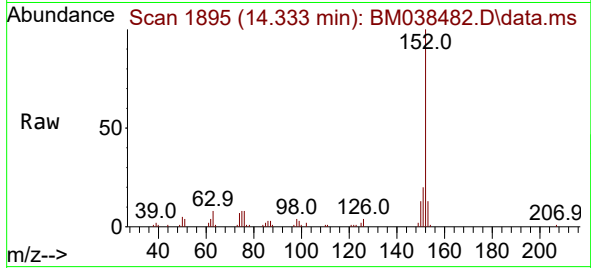
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65 | 100 | | |
| 92 | 50.8 | 47.6 | 71.4 |
| 138 | 66.4 | 65.8 | 98.8 |



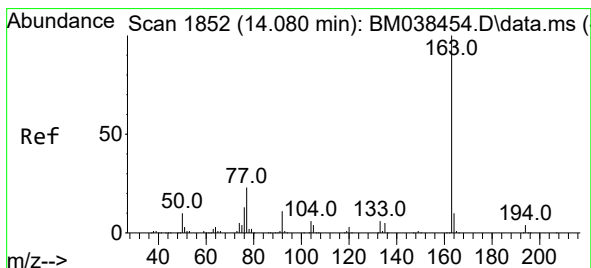
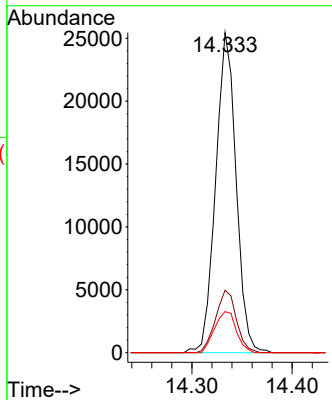
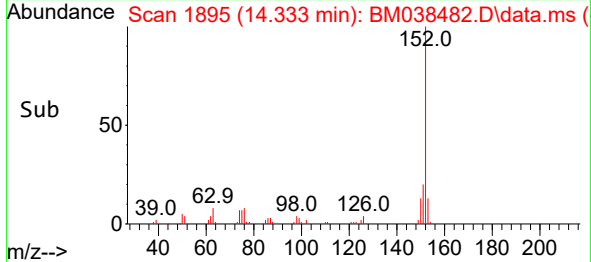


#49
 Acenaphthylene
 Concen: 3.207 ng
 RT: 14.333 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

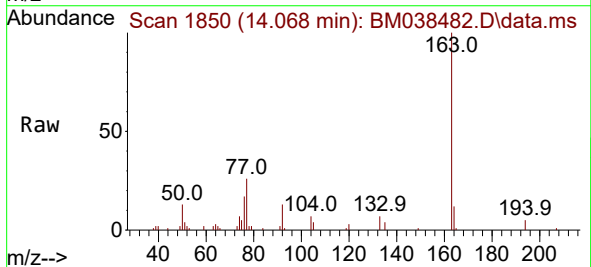
Instrument : BNA_M
 ClientSampleId : LOD-MDL-SOIL-01-QT3-2022



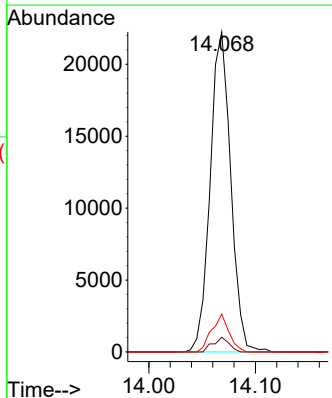
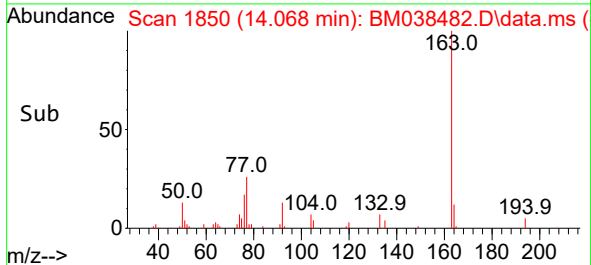
Tgt Ion:152 Resp: 35916
 Ion Ratio Lower Upper
 152 100
 151 19.5 16.4 24.6
 153 12.8 10.6 15.8

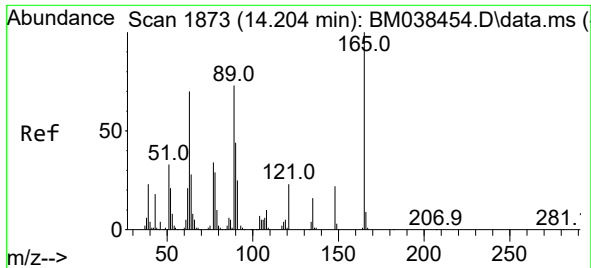


#50
 Dimethylphthalate
 Concen: 3.170 ng
 RT: 14.068 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25



Tgt Ion:163 Resp: 29884
 Ion Ratio Lower Upper
 163 100
 194 4.6 3.6 5.4
 164 11.9 7.8 11.8#

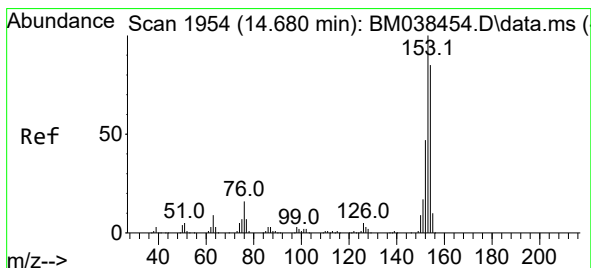
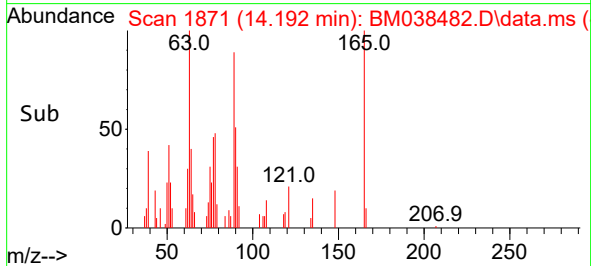
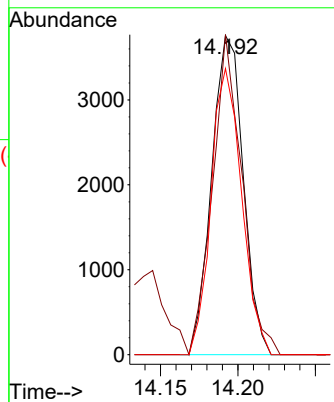
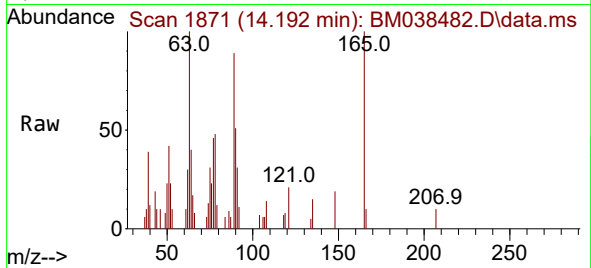




#51
 2,6-Dinitrotoluene
 Concen: 2.780 ng
 RT: 14.192 min Scan# 1871
 Delta R.T. -0.006 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

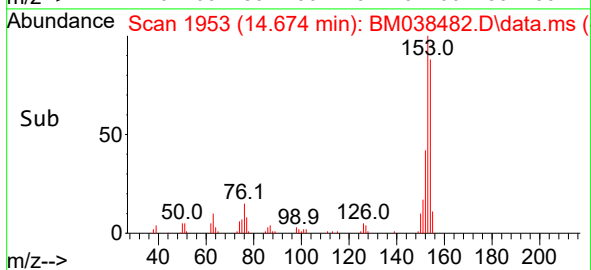
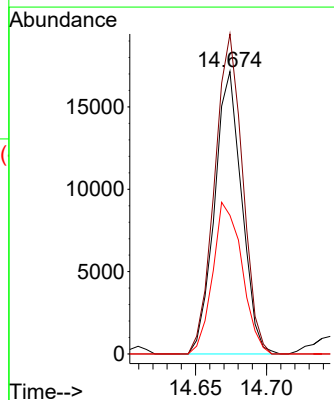
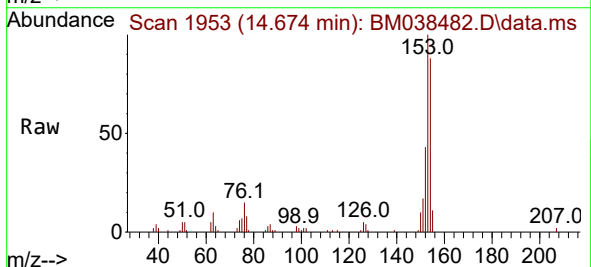
Instrument : BNA_M
 ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

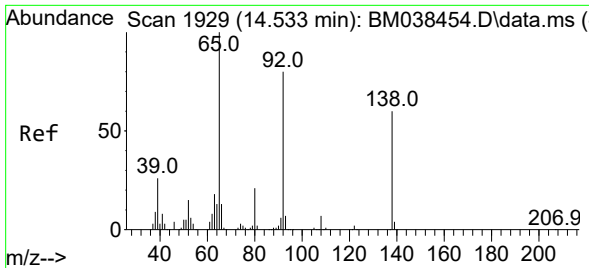
| Tgt Ion | Resp | Ion Ratio | Lower | Upper |
|---------|------|-----------|-------|-------|
| 165 | 5332 | 100 | | |
| 63 | | 100.3 | 60.9 | 91.3# |
| 89 | | 89.6 | 58.6 | 87.8# |



#52
 Acenaphthene
 Concen: 3.358 ng
 RT: 14.674 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

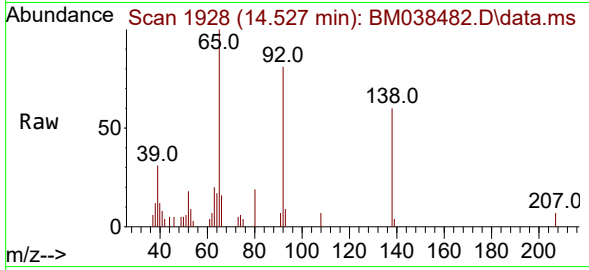
| Tgt Ion | Resp | Ion Ratio | Lower | Upper |
|---------|-------|-----------|-------|-------|
| 154 | 22853 | 100 | | |
| 153 | | 113.3 | 93.8 | 140.6 |
| 152 | | 49.1 | 44.2 | 66.4 |



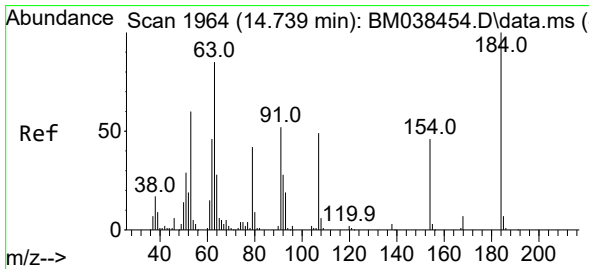
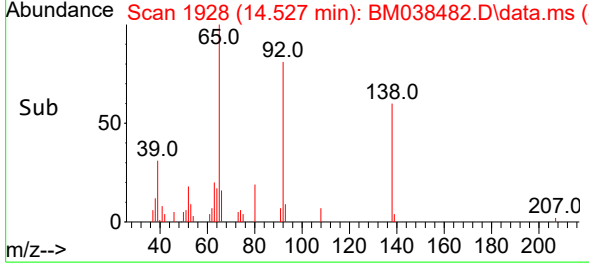
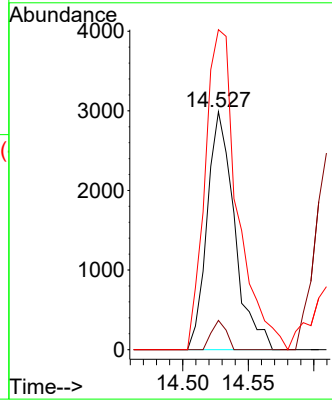


#53
 3-Nitroaniline
 Concen: 4.596 ng
 RT: 14.527 min Scan# 1928
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

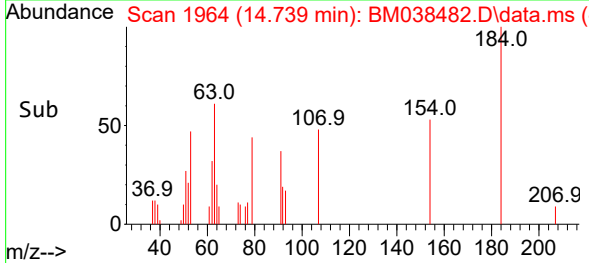
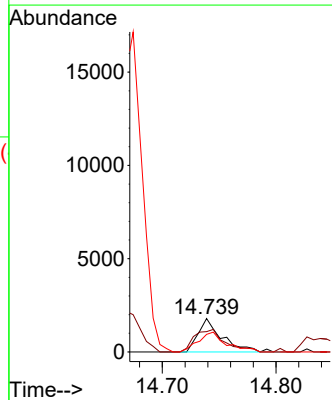
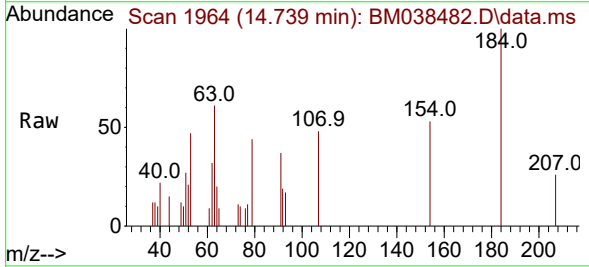


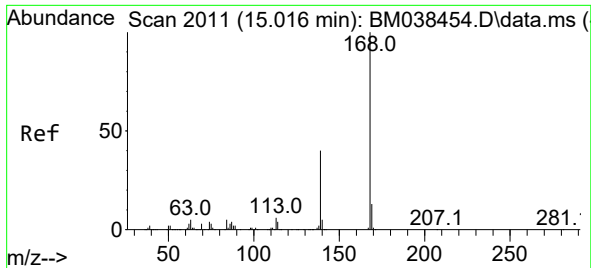
Tgt Ion:138 Resp: 4347
 Ion Ratio Lower Upper
 138 100
 108 12.3 8.9 13.3
 92 134.5 106.4 159.6



#54
 2,4-Dinitrophenol
 Concen: 7.023 ng
 RT: 14.739 min Scan# 1964
 Delta R.T. 0.006 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

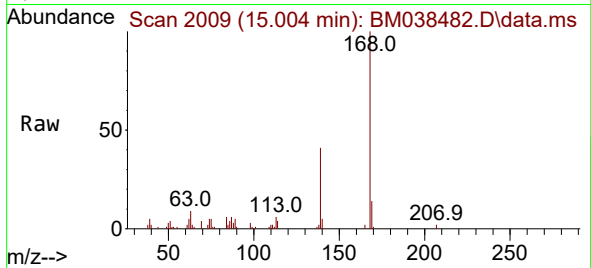
Tgt Ion:184 Resp: 2628
 Ion Ratio Lower Upper
 184 100
 63 60.9 70.0 105.0#
 154 52.8 55.6 83.4#



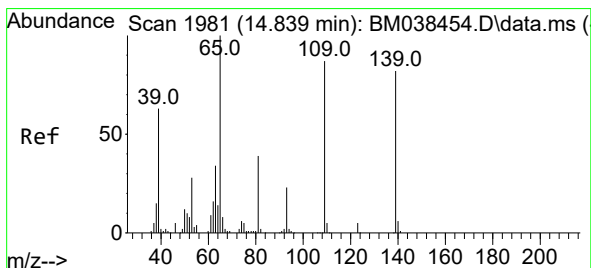
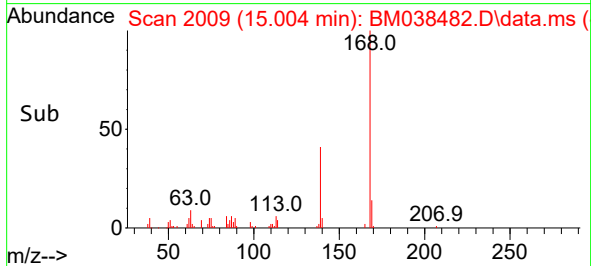
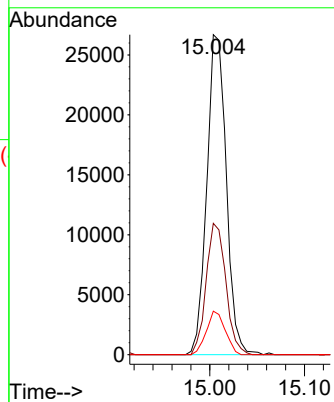


#55
 Dibenzofuran
 Concen: 3.302 ng
 RT: 15.004 min Scan# 2011
 Delta R.T. -0.006 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

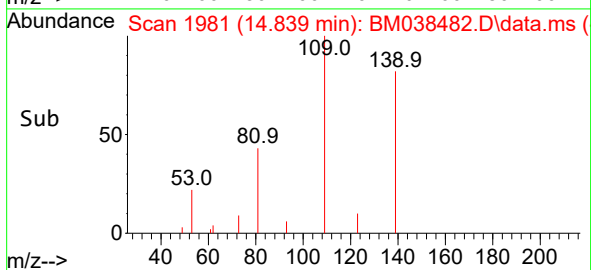
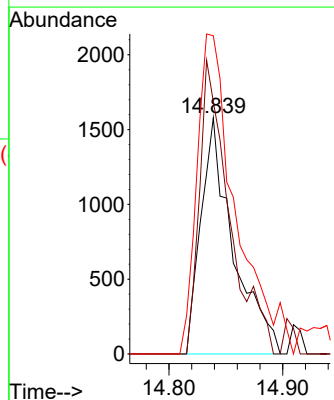
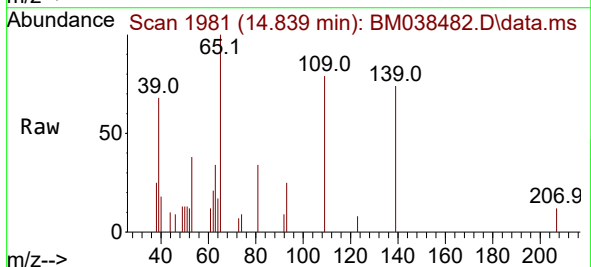


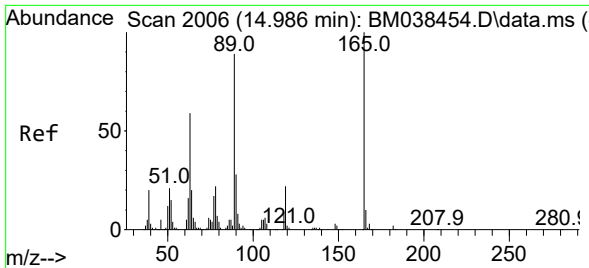
Tgt Ion:168 Resp: 38264
 Ion Ratio Lower Upper
 168 100
 139 41.0 31.9 47.9
 169 13.6 10.5 15.7



#56
 4-Nitrophenol
 Concen: 5.648 ng
 RT: 14.839 min Scan# 1981
 Delta R.T. 0.012 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

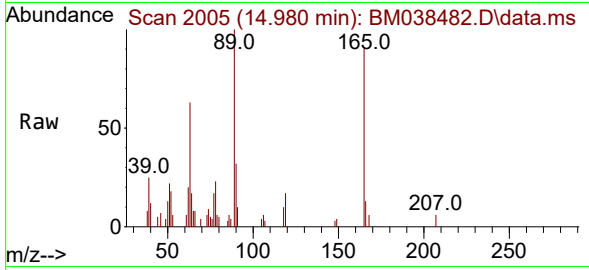
Tgt Ion:139 Resp: 3108
 Ion Ratio Lower Upper
 139 100
 109 106.8 86.0 126.0
 65 134.7 102.7 142.7





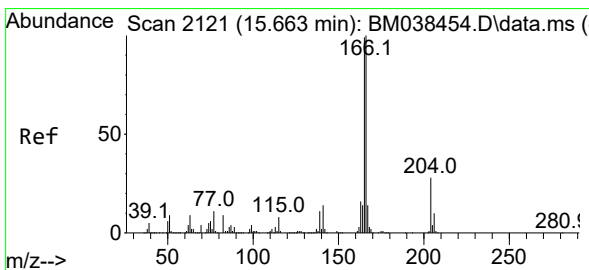
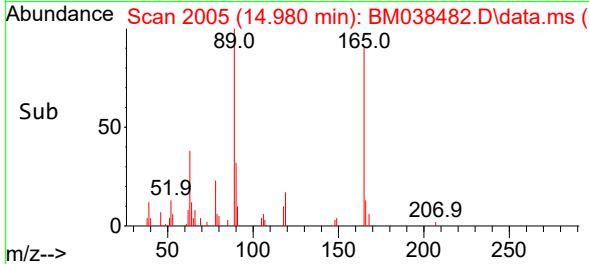
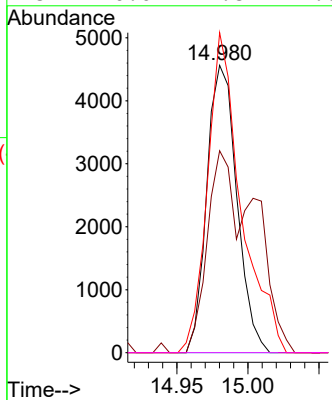
#57
 2,4-Dinitrotoluene
 Concen: 2.518 ng
 RT: 14.980 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

Instrument : BNA_M
 ClientSampleId : LOD-MDL-SOIL-01-QT3-2022



Tgt Ion:165 Resp: 6713

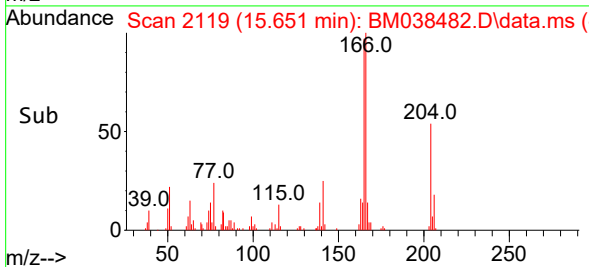
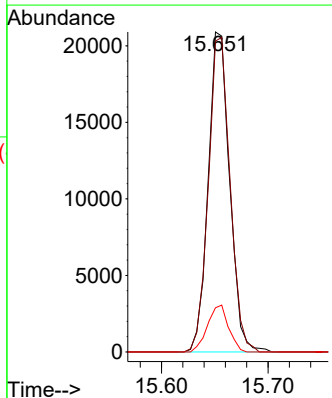
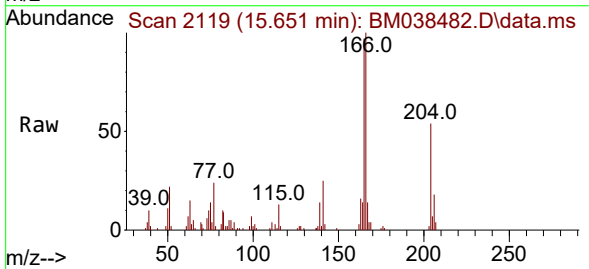
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 165 | 100 | | |
| 63 | 70.3 | 47.7 | 71.5 |
| 89 | 111.3 | 71.5 | 107.3 |
| 182 | 0.0 | 1.8 | 2.6 |

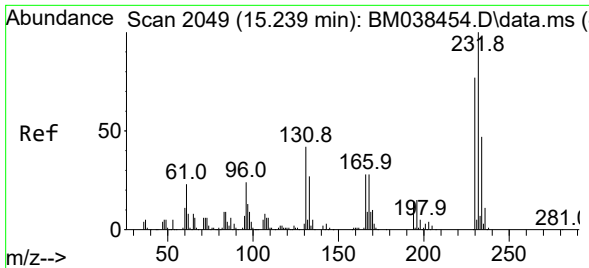


#58
 Fluorene
 Concen: 3.018 ng
 RT: 15.651 min Scan# 2119
 Delta R.T. -0.006 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

Tgt Ion:166 Resp: 29216

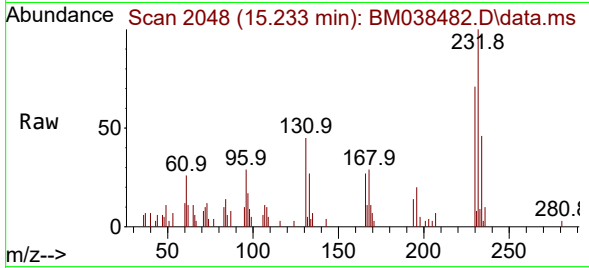
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 166 | 100 | | |
| 165 | 97.2 | 79.2 | 118.8 |
| 167 | 13.8 | 11.0 | 16.4 |



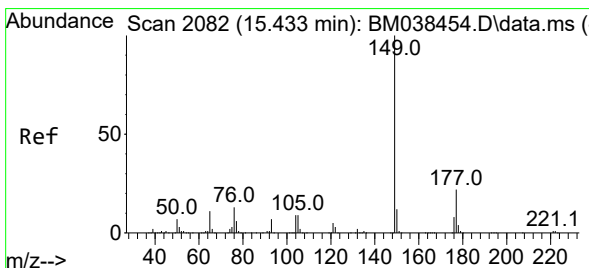
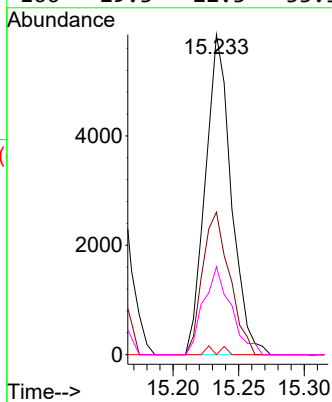
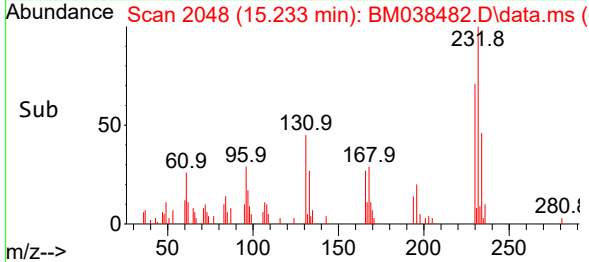


#59
 2,3,4,6-Tetrachlorophenol
 Concen: 2.790 ng
 RT: 15.233 min Scan# 2048
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

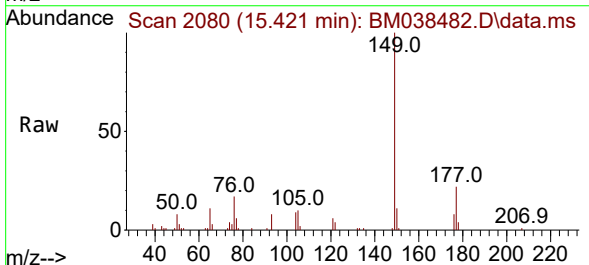
Instrument : BNA_M
 ClientSampleId : LOD-MDL-SOIL-01-QT3-2022



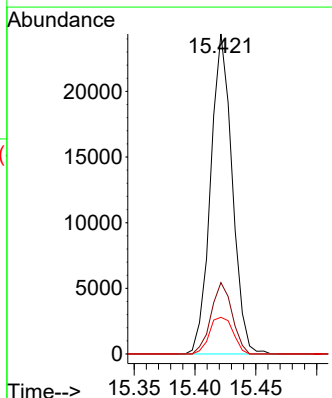
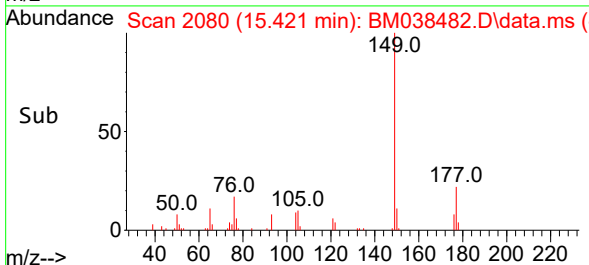
Tgt Ion:232 Resp: 8027
 Ion Ratio Lower Upper
 232 100
 131 46.8 33.8 50.6
 130 1.4 1.9 2.9#
 166 29.3 22.3 33.5

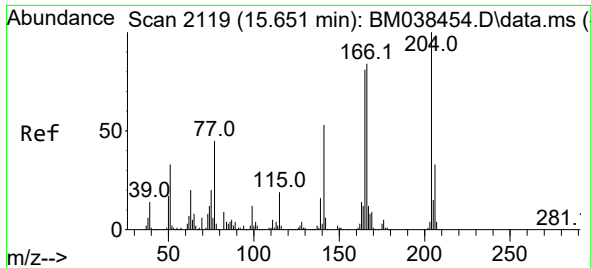


#60
 Diethylphthalate
 Concen: 3.108 ng
 RT: 15.421 min Scan# 2080
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25



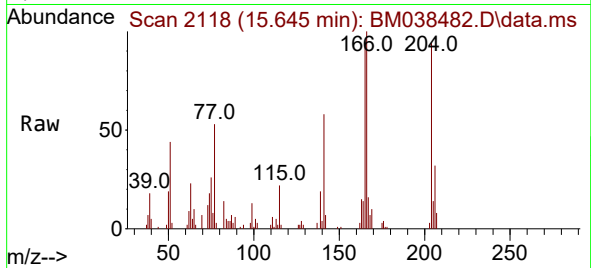
Tgt Ion:149 Resp: 30054
 Ion Ratio Lower Upper
 149 100
 177 22.3 17.8 26.6
 150 11.4 9.5 14.3



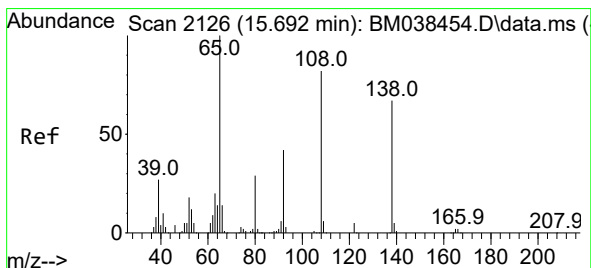
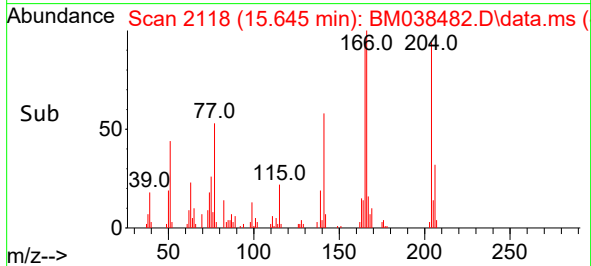
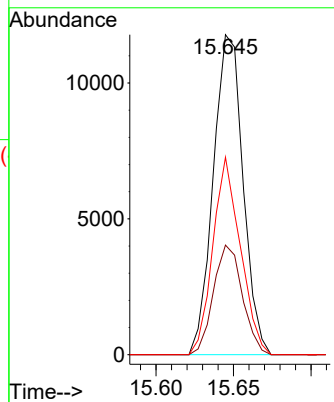


#61
 4-Chlorophenyl-phenylether
 Concen: 2.962 ng
 RT: 15.645 min Scan# 2118
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

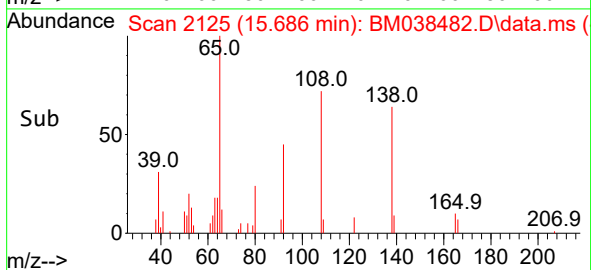
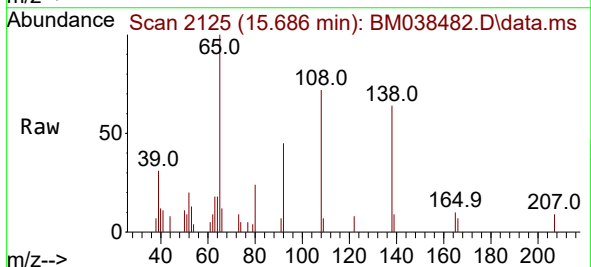
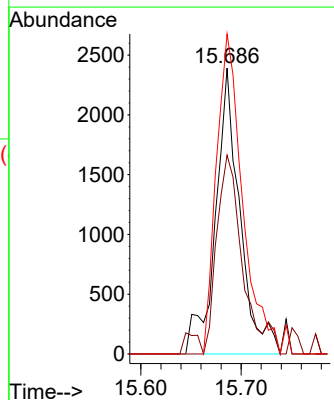


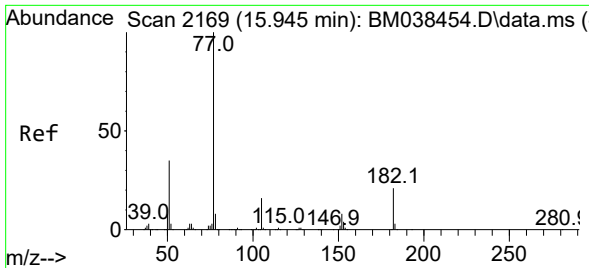
Tgt Ion:204 Resp: 15740
 Ion Ratio Lower Upper
 204 100
 206 34.3 26.2 39.4
 141 61.7 42.5 63.7



#62
 4-Nitroaniline
 Concen: 4.615 ng
 RT: 15.686 min Scan# 2125
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

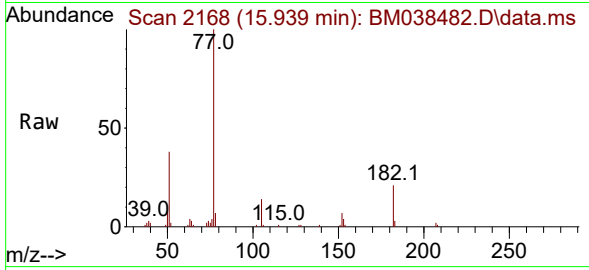
Tgt Ion:138 Resp: 4030
 Ion Ratio Lower Upper
 138 100
 92 69.5 42.1 82.1
 108 112.0 102.5 142.5



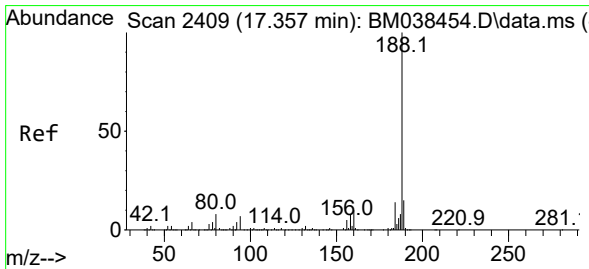
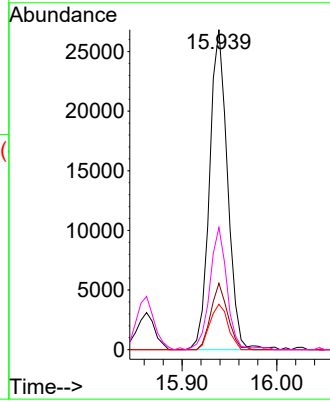
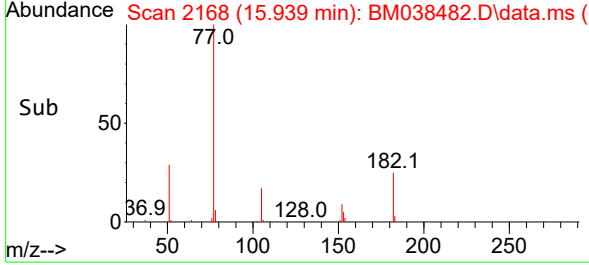


#63
 Azobenzene
 Concen: 3.321 ng
 RT: 15.939 min Scan# 2168
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

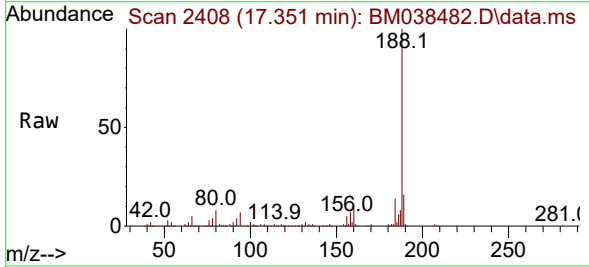
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022



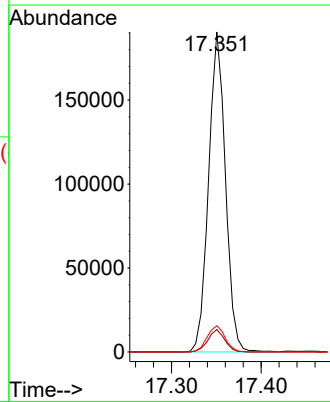
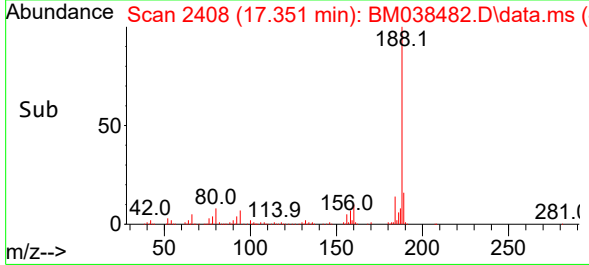
Tgt Ion: 77 Resp: 35341
 Ion Ratio Lower Upper
 77 100
 182 20.8 1.1 41.1
 105 14.2 0.0 36.4
 51 38.2 15.0 55.0

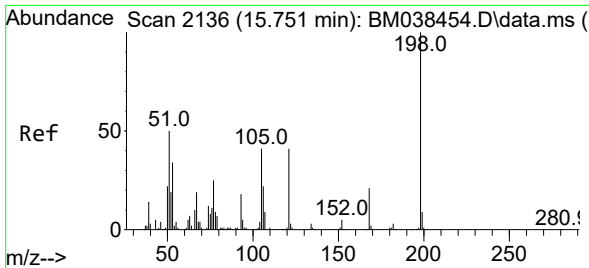


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.351 min Scan# 2408
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25



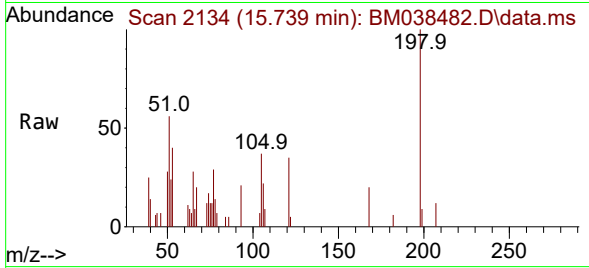
Tgt Ion: 188 Resp: 248506
 Ion Ratio Lower Upper
 188 100
 94 7.0 5.4 8.0
 80 8.2 6.5 9.7



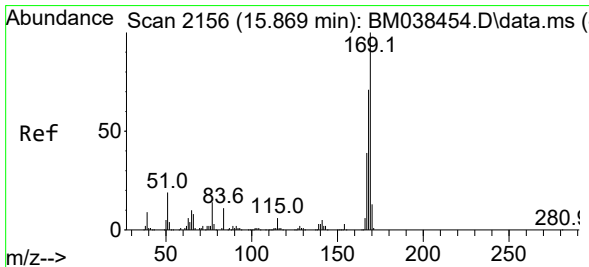
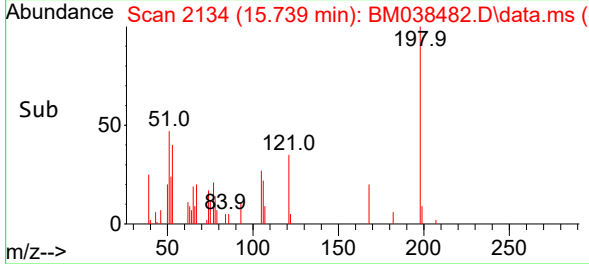
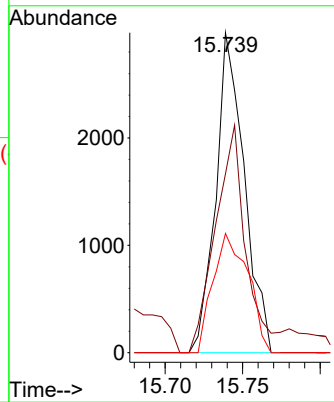


#65
 4,6-Dinitro-2-methylphenol
 Concen: 2.263 ng
 RT: 15.739 min Scan# 2134
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

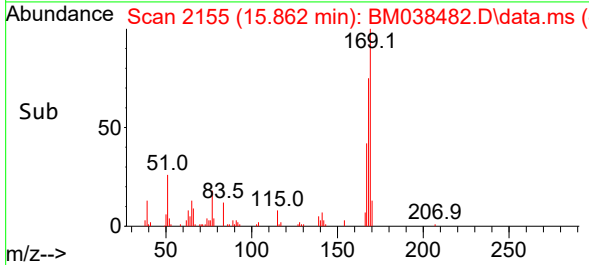
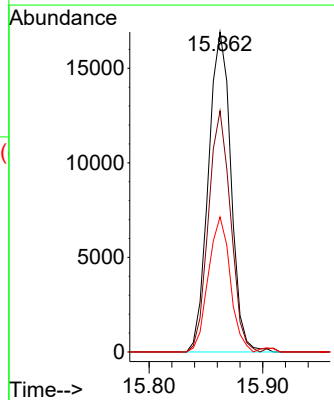
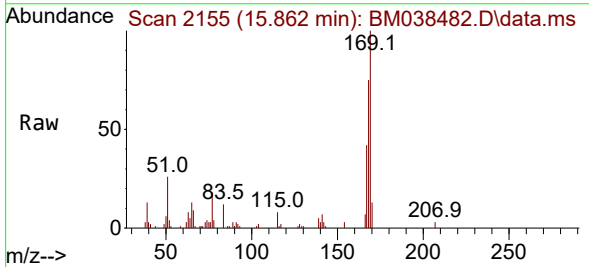


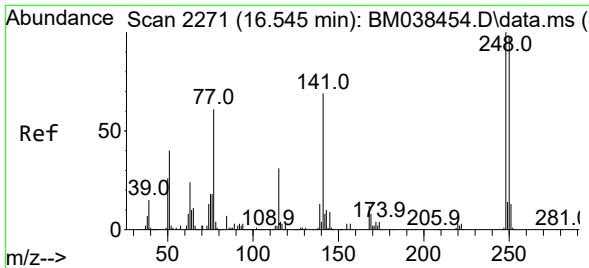
Tgt Ion:198 Resp: 3816
 Ion Ratio Lower Upper
 198 100
 51 55.9 31.6 71.6
 105 37.2 21.5 61.5



#66
 n-Nitrosodiphenylamine
 Concen: 3.202 ng
 RT: 15.862 min Scan# 2155
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

Tgt Ion:169 Resp: 23350
 Ion Ratio Lower Upper
 169 100
 168 75.3 56.6 85.0
 167 42.2 31.1 46.7

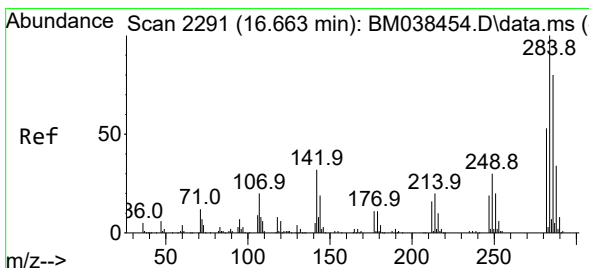
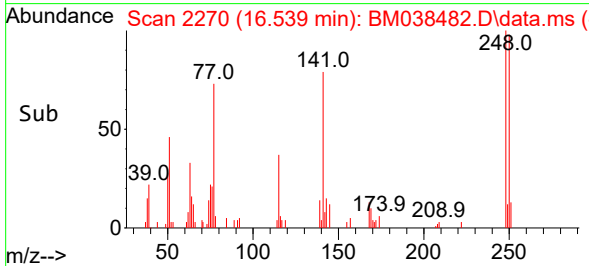
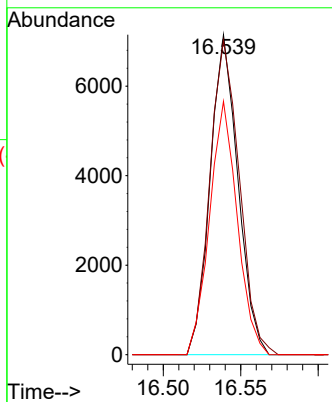
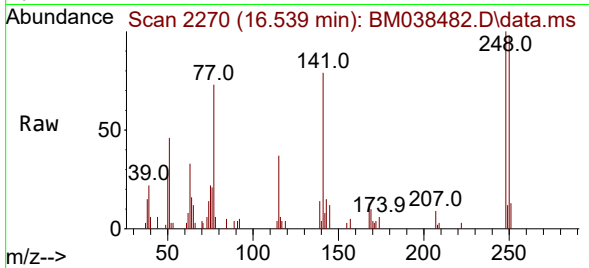




#67
 4-Bromophenyl-phenylether
 Concen: 3.101 ng
 RT: 16.539 min Scan# 2111
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

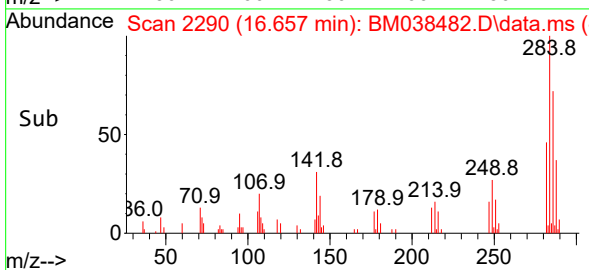
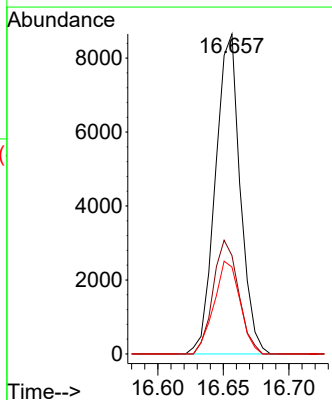
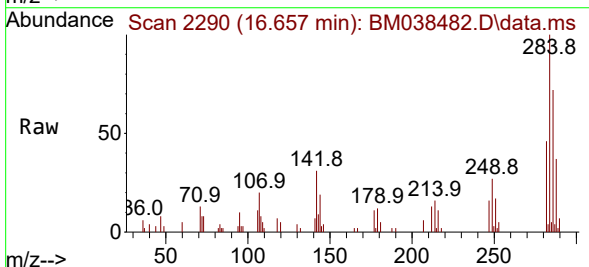
Instrument : BNA_M
 ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

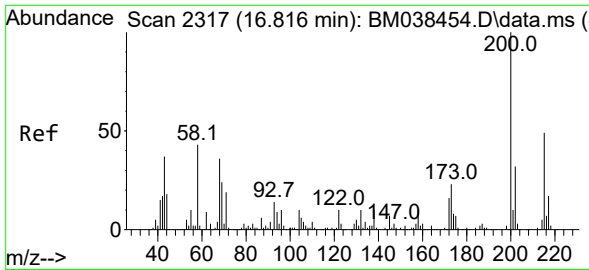
| Tgt Ion | Resp | Ion Ratio | Lower | Upper |
|---------|------|-----------|-------|-------|
| 248 | 8915 | 100 | | |
| 250 | | 98.3 | 78.3 | 117.5 |
| 141 | | 79.2 | 55.1 | 82.7 |



#68
 Hexachlorobenzene
 Concen: 3.525 ng
 RT: 16.657 min Scan# 2290
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

| Tgt Ion | Resp | Ion Ratio | Lower | Upper |
|---------|-------|-----------|-------|-------|
| 284 | 11348 | 100 | | |
| 142 | | 30.8 | 26.0 | 39.0 |
| 249 | | 27.1 | 23.8 | 35.8 |



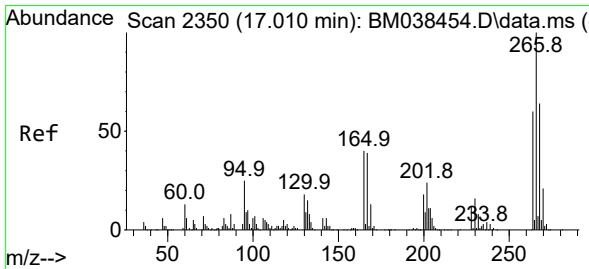
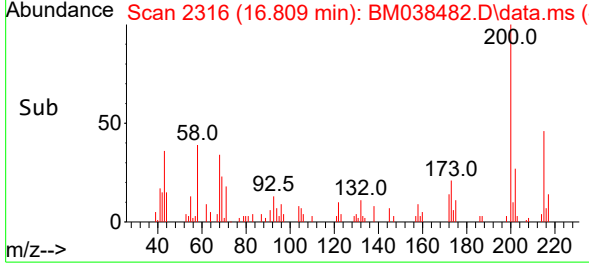
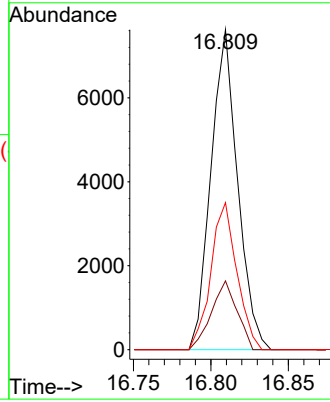
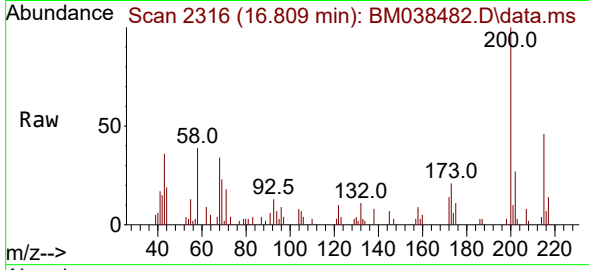


#69
 Atrazine
 Concen: 3.533 ng
 RT: 16.809 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

Tgt Ion:200 Resp: 9111

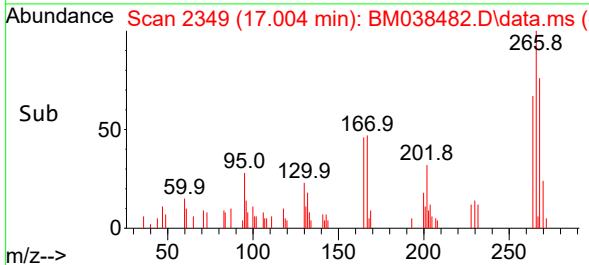
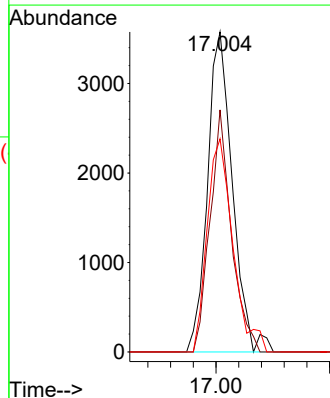
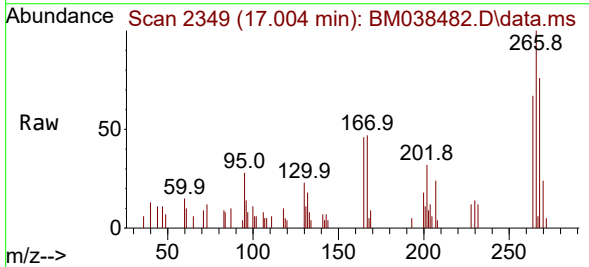
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 200 | 100 | | |
| 173 | 21.5 | 3.4 | 43.4 |
| 215 | 46.0 | 29.3 | 69.3 |

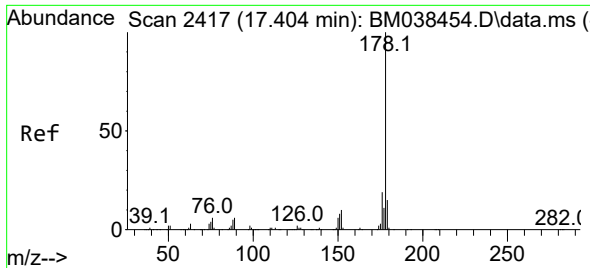


#70
 Pentachlorophenol
 Concen: 2.314 ng
 RT: 17.004 min Scan# 2349
 Delta R.T. 0.006 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

Tgt Ion:266 Resp: 5437

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 266 | 100 | | |
| 268 | 75.7 | 51.4 | 77.0 |
| 264 | 66.6 | 48.2 | 72.2 |



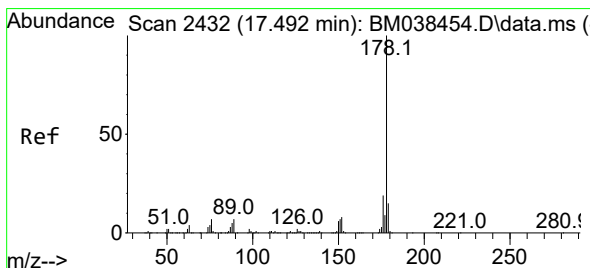
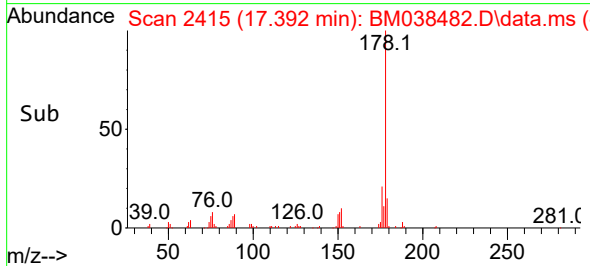
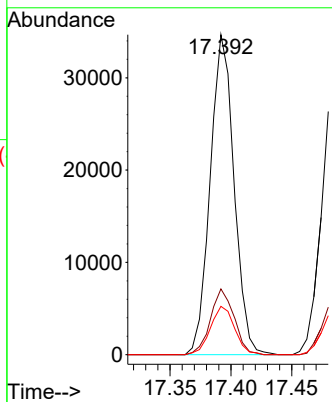
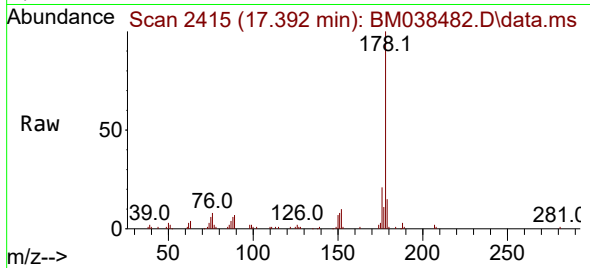


#71
 Phenanthrene
 Concen: 3.443 ng
 RT: 17.392 min Scan# 2415
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

Instrument : BNA_M
 ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

Tgt Ion:178 Resp: 47330

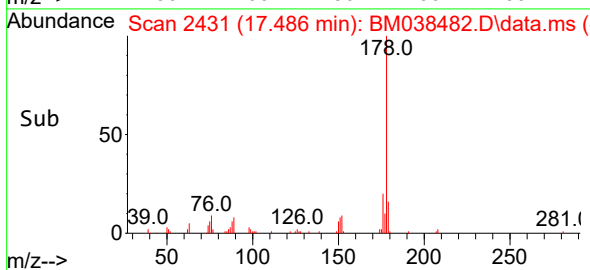
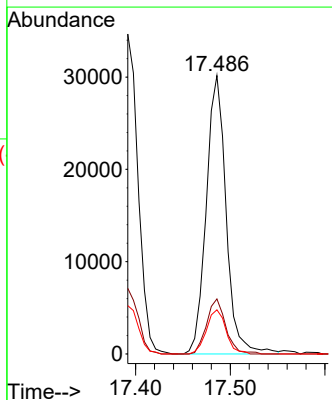
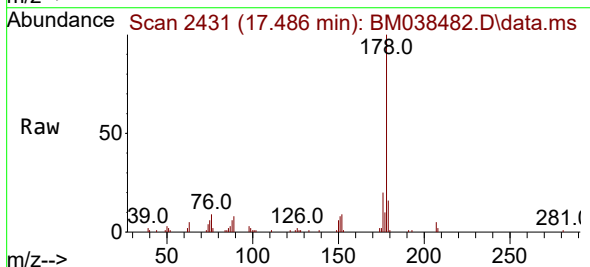
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100 | | |
| 176 | 20.5 | 15.4 | 23.0 |
| 179 | 15.1 | 12.1 | 18.1 |

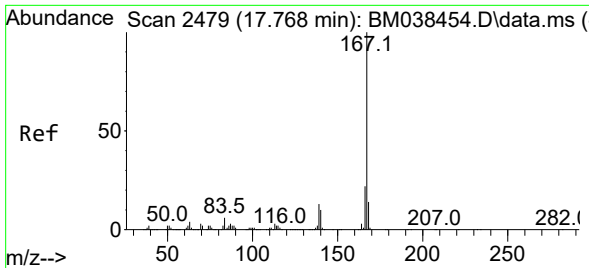


#72
 Anthracene
 Concen: 3.107 ng
 RT: 17.486 min Scan# 2431
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

Tgt Ion:178 Resp: 43907

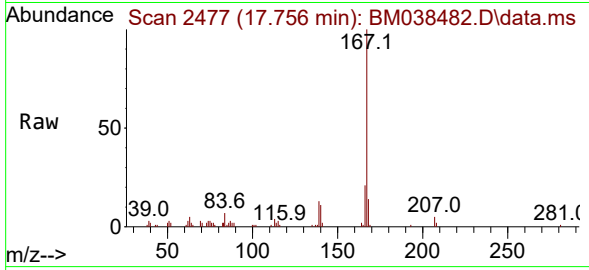
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100 | | |
| 176 | 19.8 | 15.0 | 22.6 |
| 179 | 15.8 | 12.2 | 18.2 |





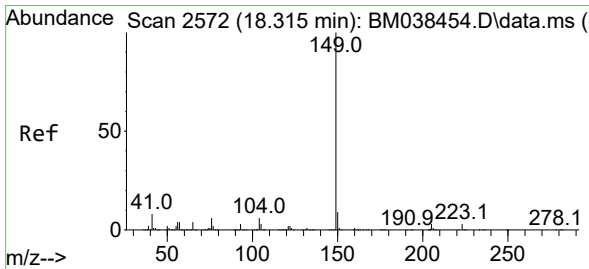
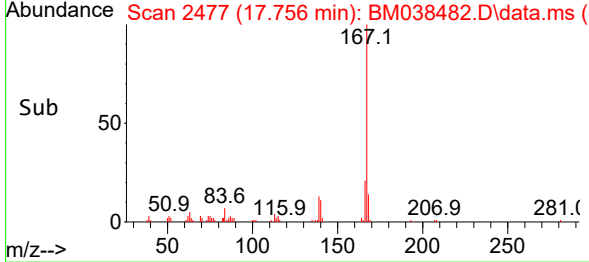
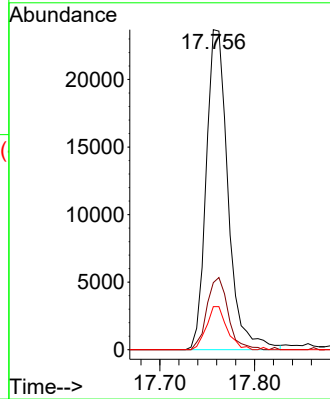
#73
 Carbazole
 Concen: 3.062 ng
 RT: 17.756 min Scan# 2477
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

Instrument : BNA_M
 ClientSampleId : LOD-MDL-SOIL-01-QT3-2022



Tgt Ion:167 Resp: 37835

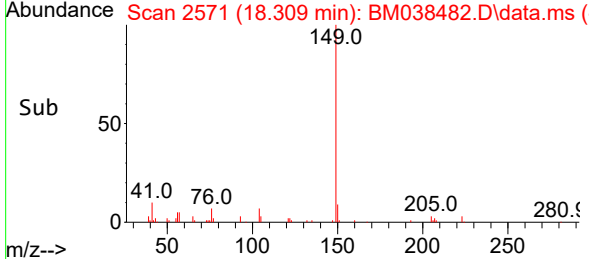
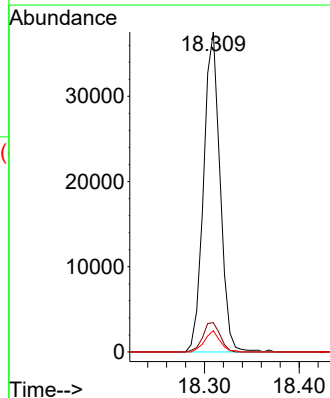
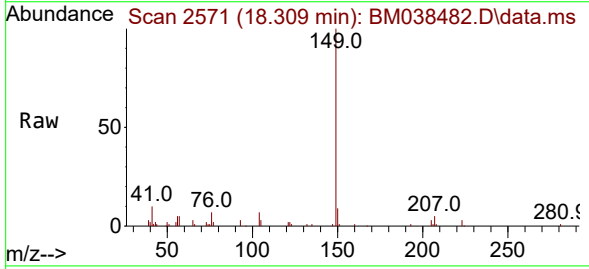
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100 | | |
| 166 | 21.0 | 17.4 | 26.0 |
| 139 | 13.5 | 10.1 | 15.1 |

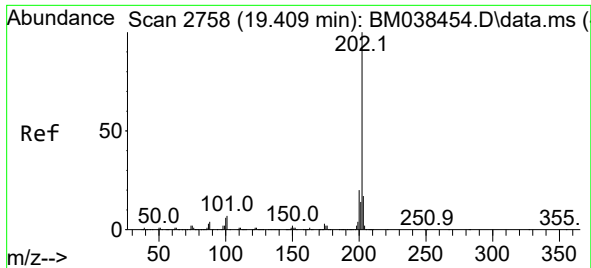


#74
 Di-n-butylphthalate
 Concen: 3.089 ng
 RT: 18.309 min Scan# 2571
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

Tgt Ion:149 Resp: 45337

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100 | | |
| 150 | 9.2 | 7.4 | 11.2 |
| 104 | 6.6 | 4.7 | 7.1 |

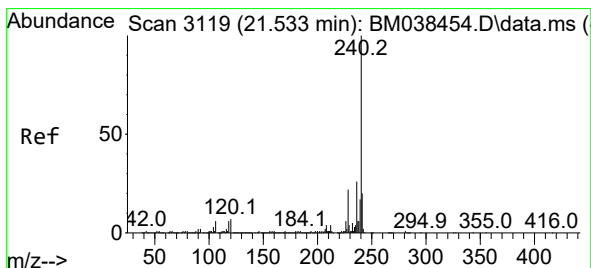
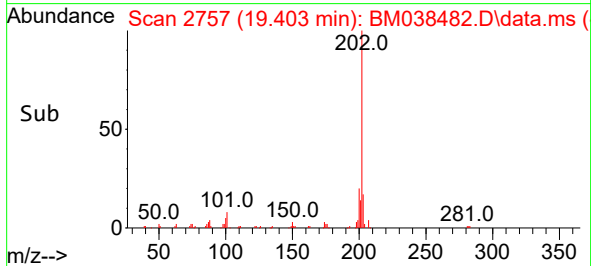
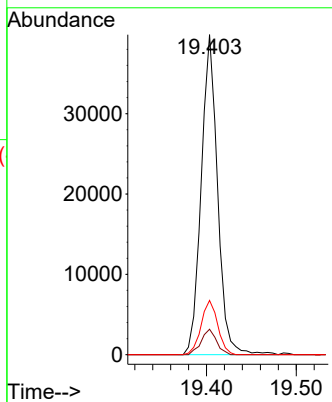
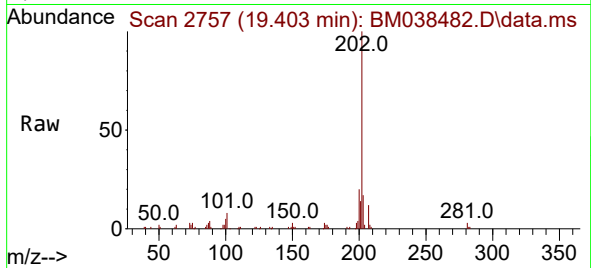




#75
 Fluoranthene
 Concen: 2.920 ng
 RT: 19.403 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

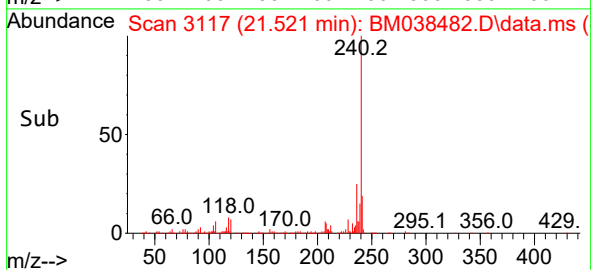
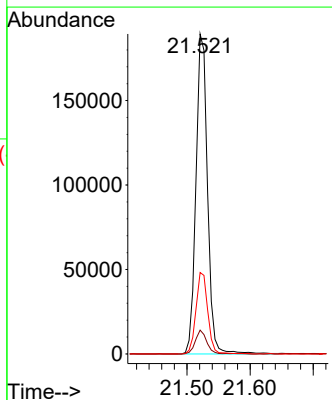
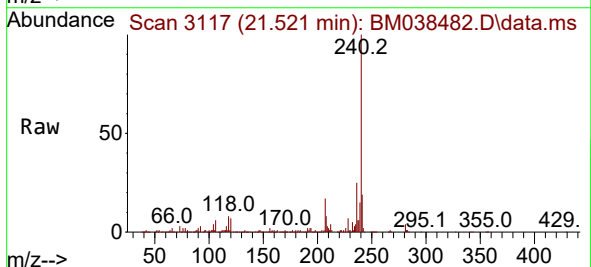
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

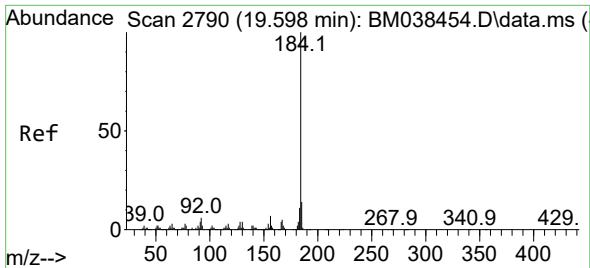
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 202 | 100 | | |
| 101 | 7.9 | 0.0 | 27.4 |
| 203 | 17.0 | 0.0 | 37.1 |



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.521 min Scan# 3117
 Delta R.T. -0.006 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 240 | 100 | | |
| 120 | 7.5 | 5.6 | 8.4 |
| 236 | 25.4 | 21.0 | 31.4 |

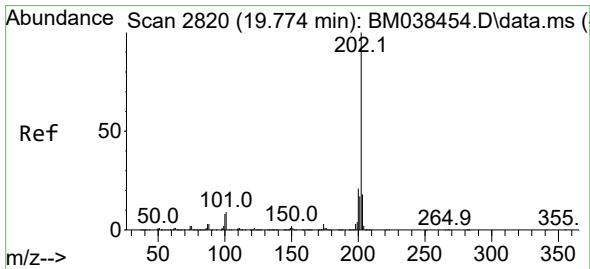
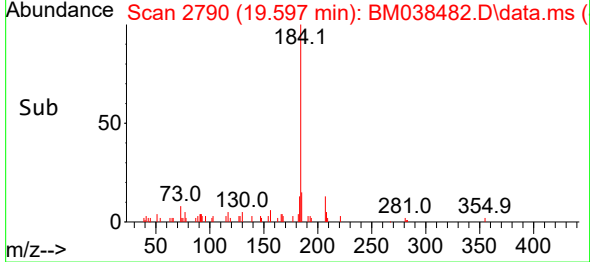
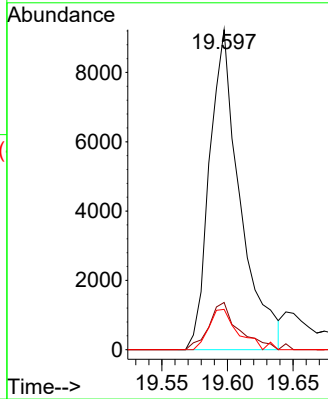
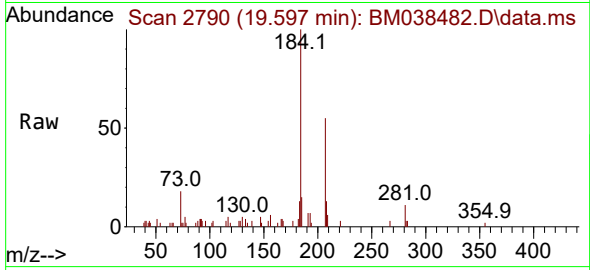




#77
 Benzidine
 Concen: 2.847 ng
 RT: 19.597 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

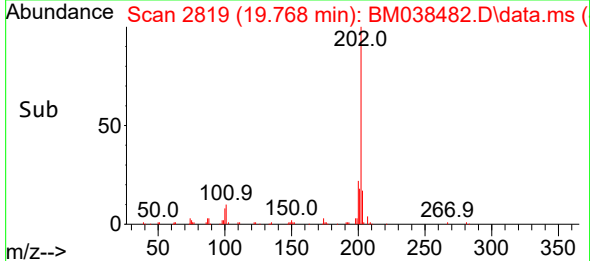
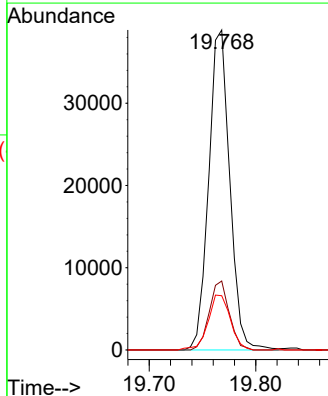
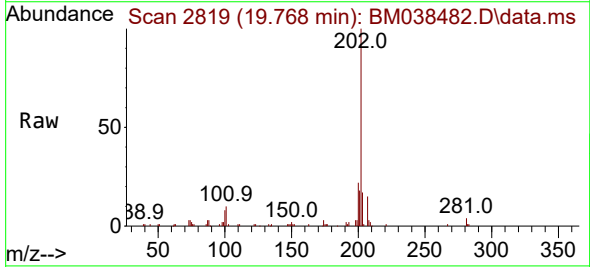
Instrument : BNA_M
 ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

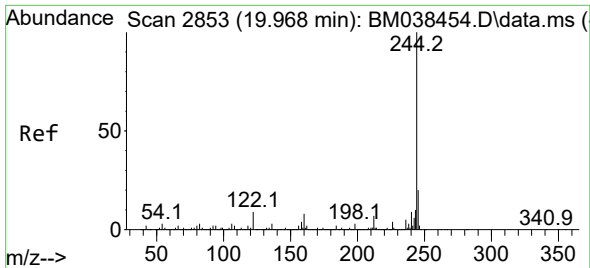
| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 184 | 14980 | | |
| 185 | 14.8 | 11.1 | 16.7 |
| 183 | 12.6 | 8.6 | 13.0 |



#78
 Pyrene
 Concen: 3.347 ng
 RT: 19.768 min Scan# 2819
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 202 | 53485 | | |
| 200 | 21.5 | 16.9 | 25.3 |
| 203 | 17.0 | 14.2 | 21.2 |

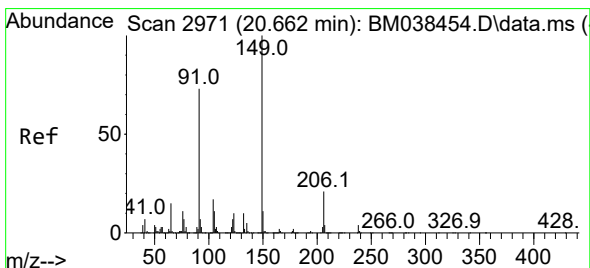
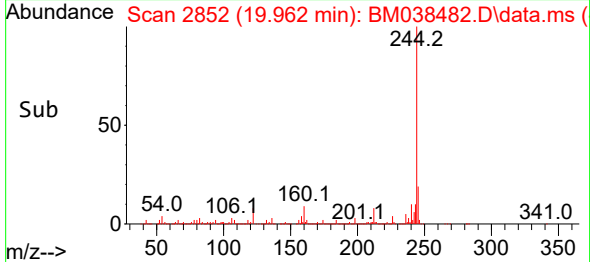
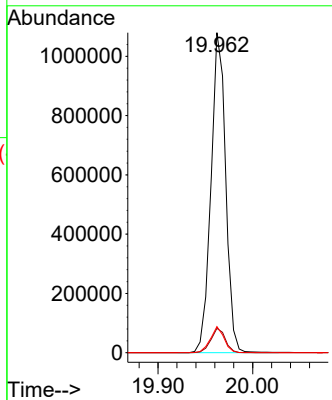
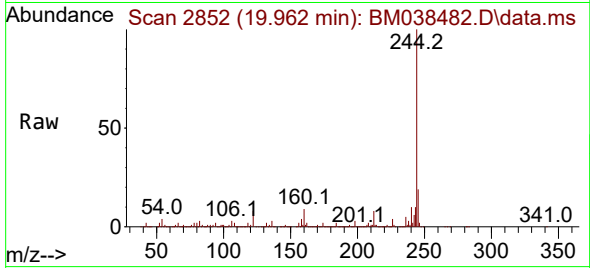




#79
 Terphenyl-d14
 Concen: 90.929 ng
 RT: 19.962 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

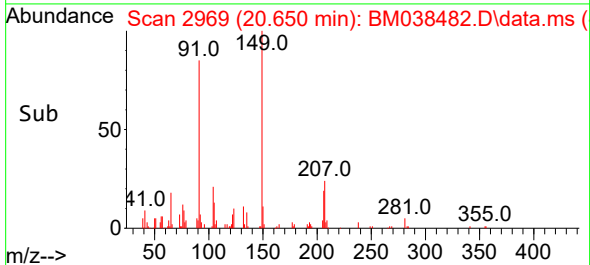
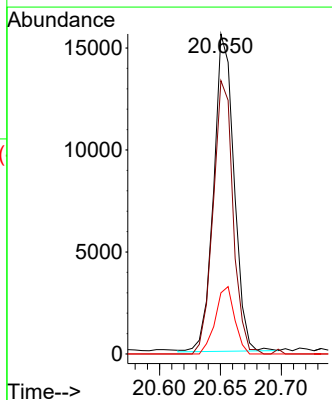
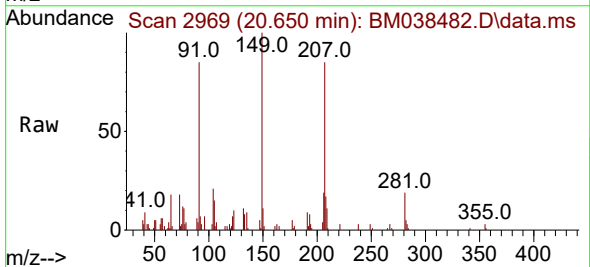
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

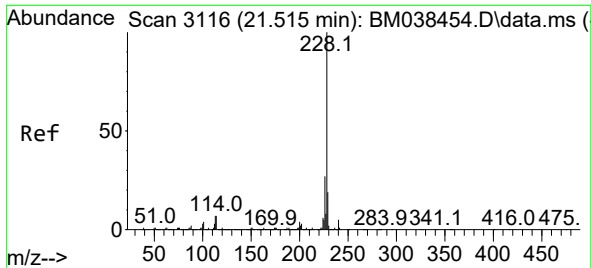
Tgt Ion:244 Resp: 1166416
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.8
 122 8.1 7.1 10.7



#80
 Butylbenzylphthalate
 Concen: 3.096 ng
 RT: 20.650 min Scan# 2969
 Delta R.T. -0.006 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

Tgt Ion:149 Resp: 18084
 Ion Ratio Lower Upper
 149 100
 91 85.4 58.3 87.5
 206 19.1 16.7 25.1



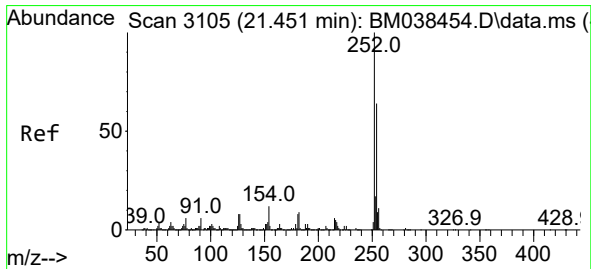
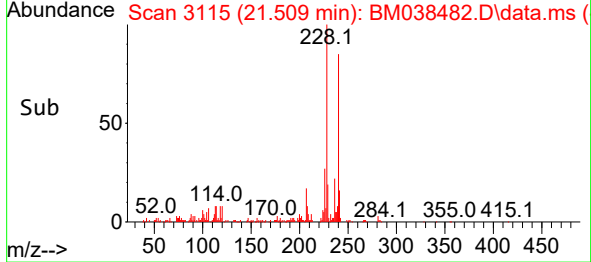
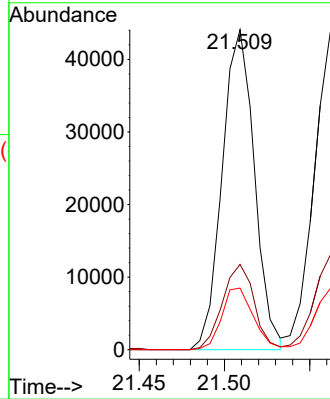
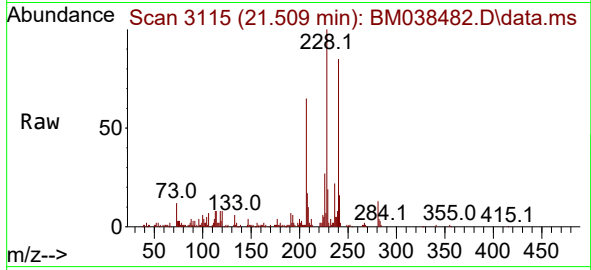


#81
 Benzo(a)anthracene
 Concen: 3.355 ng
 RT: 21.509 min Scan# 3115
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

Instrument : BNA_M
 ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

Tgt Ion:228 Resp: 57942

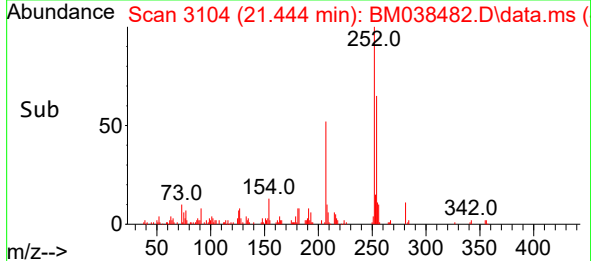
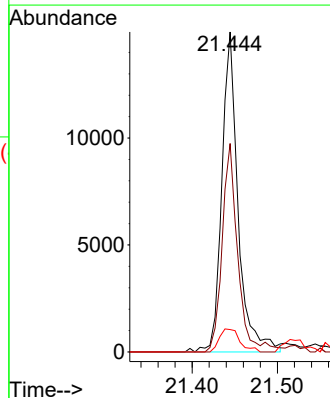
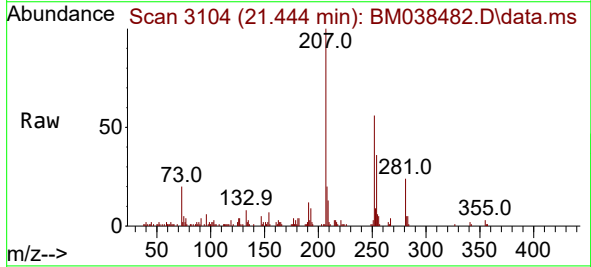
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100 | | |
| 226 | 26.6 | 22.0 | 33.0 |
| 229 | 19.3 | 15.4 | 23.0 |

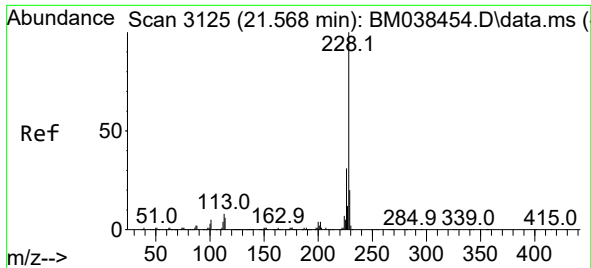


#82
 3,3'-Dichlorobenzidine
 Concen: 3.569 ng
 RT: 21.444 min Scan# 3104
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

Tgt Ion:252 Resp: 19850

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100 | | |
| 254 | 65.1 | 51.2 | 76.8 |
| 126 | 7.0 | 6.3 | 9.5 |



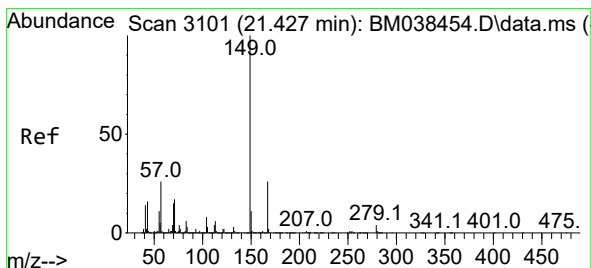
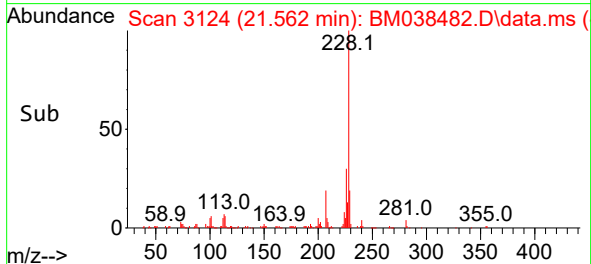
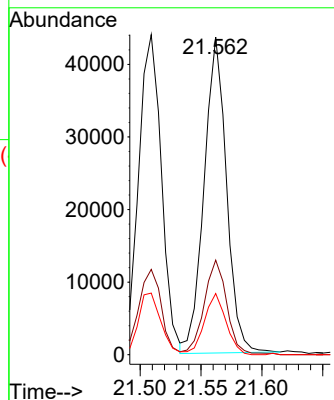
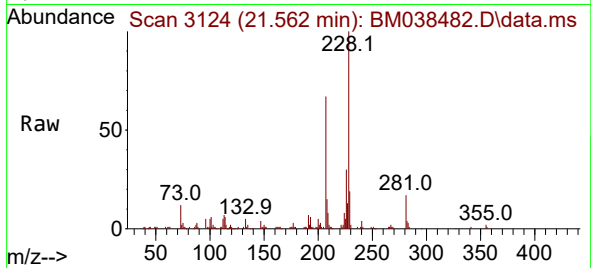


#83
 Chrysene
 Concen: 3.326 ng
 RT: 21.562 min Scan# 3125
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

Instrument : BNA_M
 ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 228 Resp: 55829

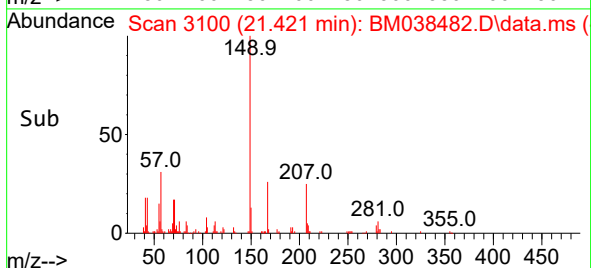
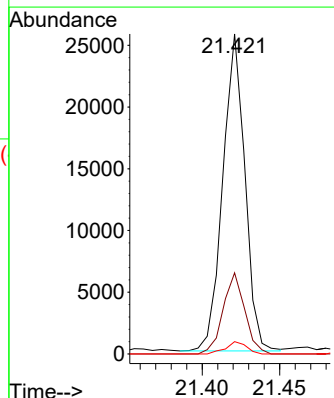
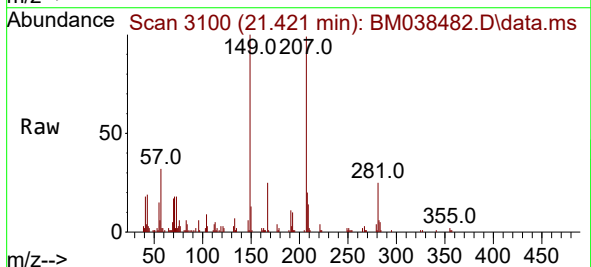
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100 | | |
| 226 | 29.8 | 24.6 | 36.8 |
| 229 | 19.2 | 16.1 | 24.1 |

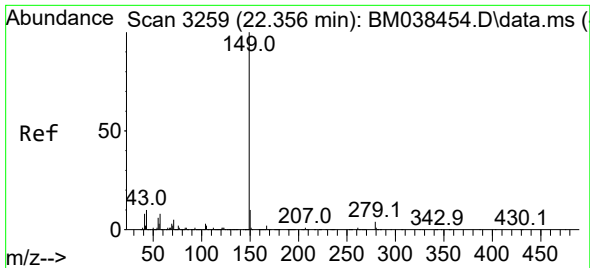


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.025 ng
 RT: 21.421 min Scan# 3100
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

Tgt Ion: 149 Resp: 25405

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100 | | |
| 167 | 25.3 | 21.0 | 31.4 |
| 279 | 3.8 | 3.4 | 5.0 |

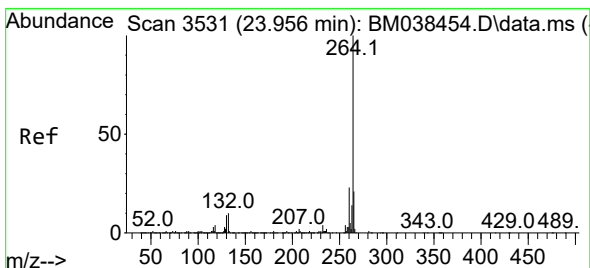
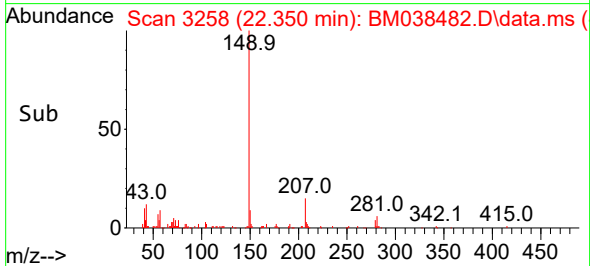
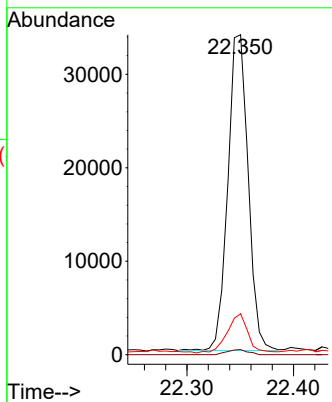
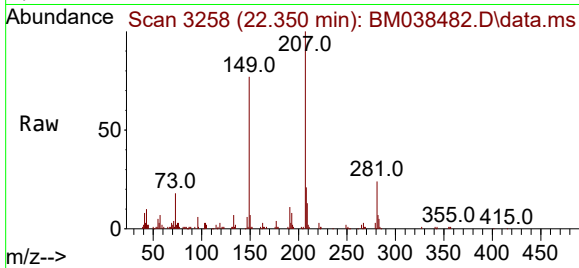




#85
 Di-n-octyl phthalate
 Concen: 3.036 ng
 RT: 22.350 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

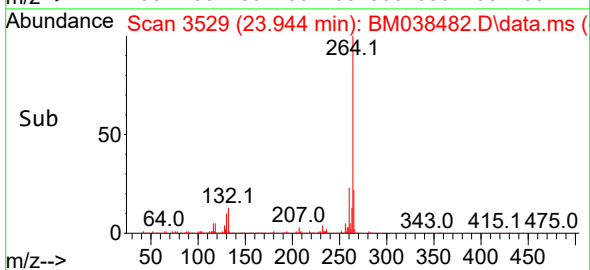
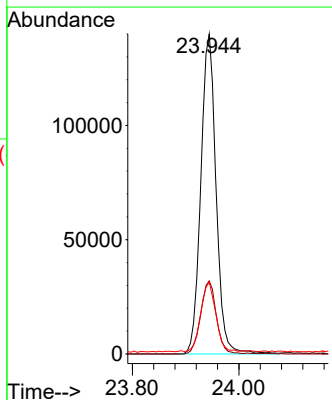
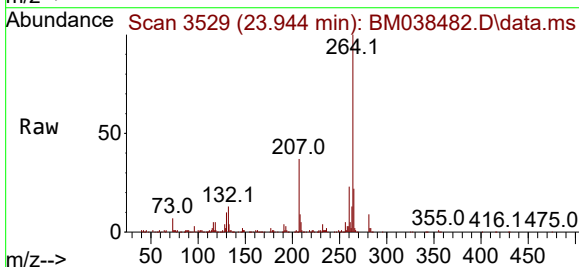
Instrument : BNA_M
 ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

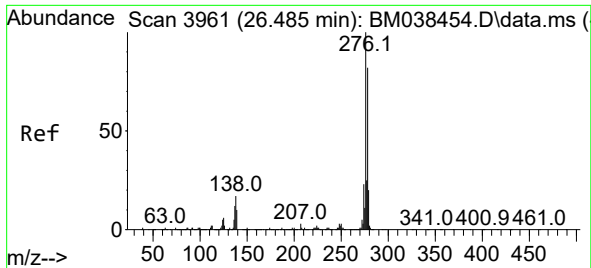
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 149 | 100 | | |
| 167 | 1.6 | 1.3 | 1.9 |
| 43 | 12.7 | 8.4 | 12.6 |



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.944 min Scan# 3529
 Delta R.T. 0.006 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 264 | 100 | | |
| 260 | 22.9 | 18.2 | 27.4 |
| 265 | 22.5 | 17.2 | 25.8 |



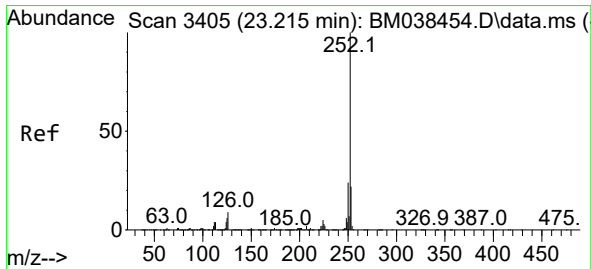
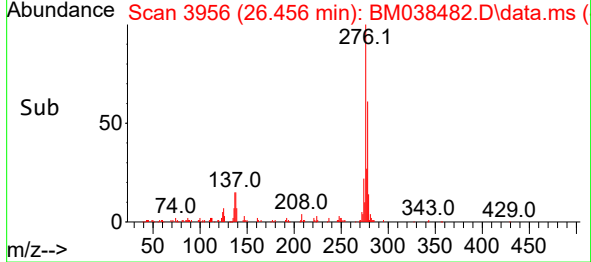
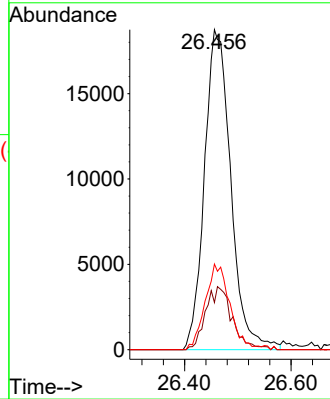
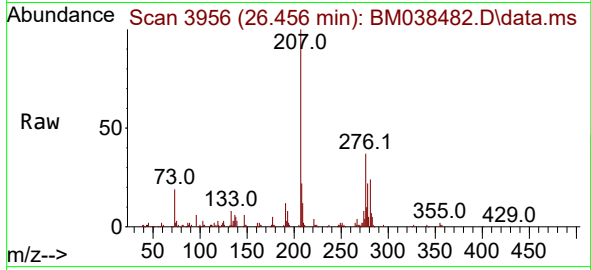


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.128 ng
 RT: 26.456 min Scan# 3956
 Delta R.T. -0.012 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 276 Resp: 64375

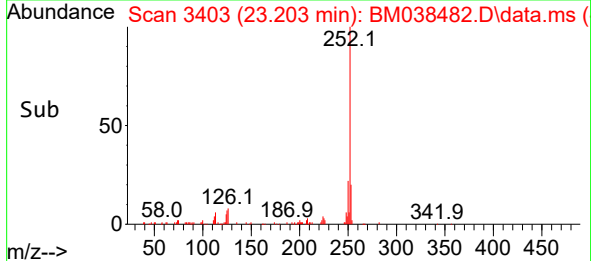
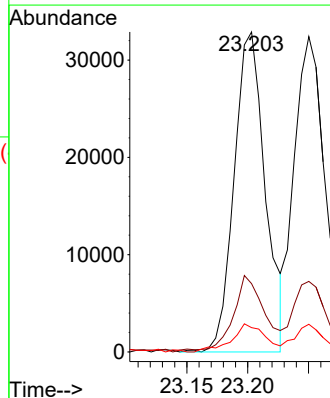
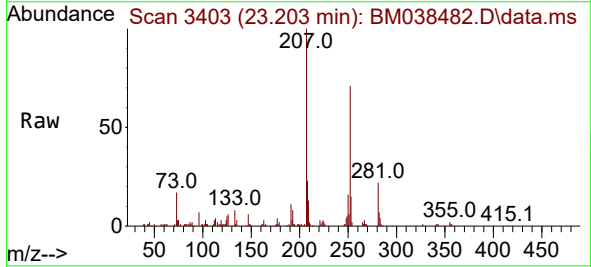
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100 | | |
| 138 | 19.8 | 13.4 | 20.2 |
| 277 | 24.8 | 19.8 | 29.8 |

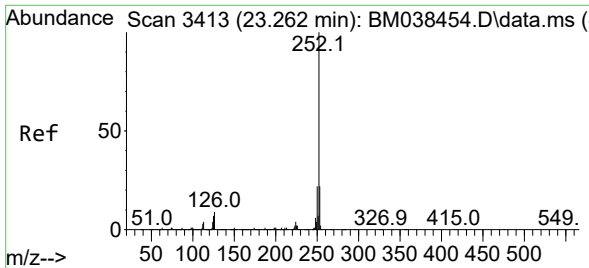


#88
 Benzo(b)fluoranthene
 Concen: 3.385 ng
 RT: 23.203 min Scan# 3403
 Delta R.T. 0.000 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

Tgt Ion: 252 Resp: 58365

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100 | | |
| 253 | 21.3 | 17.8 | 26.6 |
| 125 | 7.6 | 5.1 | 7.7 |



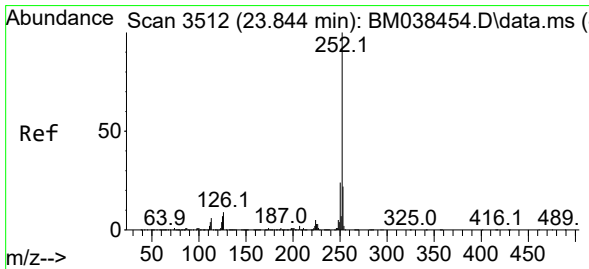
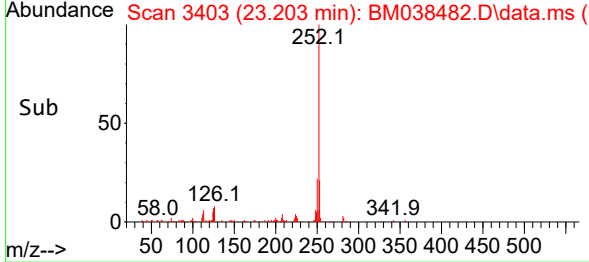
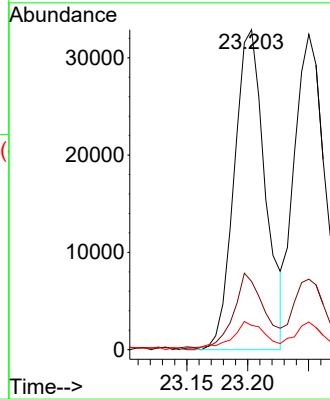
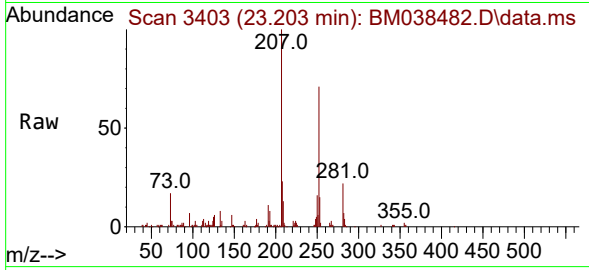


#89
 Benzo(k)fluoranthene
 Concen: 3.273 ng
 RT: 23.203 min Scan# 3413
 Delta R.T. -0.053 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

Instrument : BNA_M
 ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

Tgt Ion:252 Resp: 58365

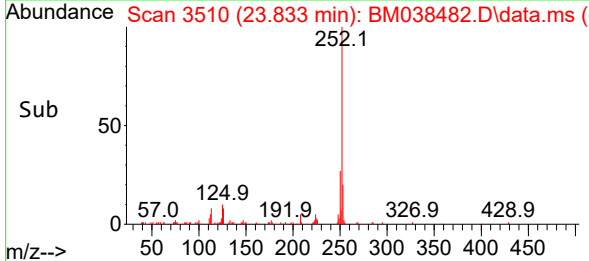
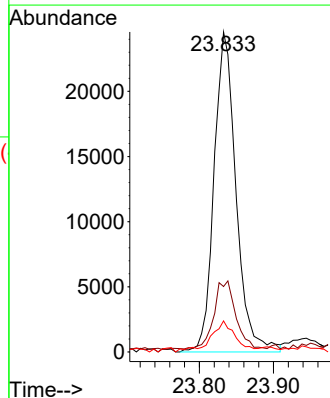
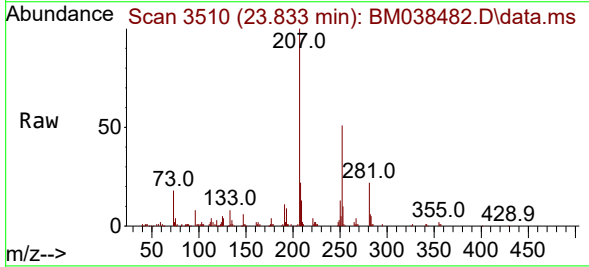
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100 | | |
| 253 | 21.3 | 17.6 | 26.4 |
| 125 | 7.6 | 5.5 | 8.3 |

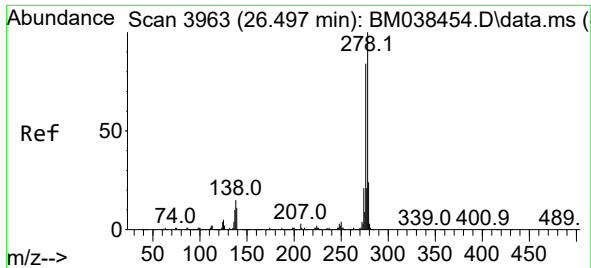


#90
 Benzo(a)pyrene
 Concen: 2.998 ng
 RT: 23.833 min Scan# 3510
 Delta R.T. -0.006 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

Tgt Ion:252 Resp: 50727

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100 | | |
| 253 | 20.4 | 17.6 | 26.4 |
| 125 | 9.7 | 5.8 | 8.8# |

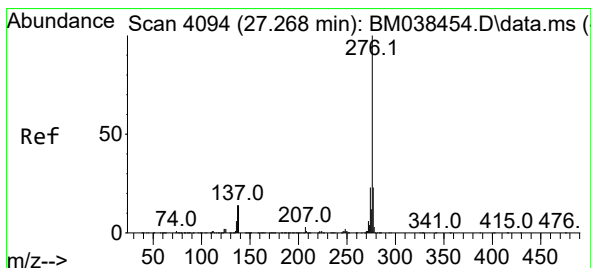
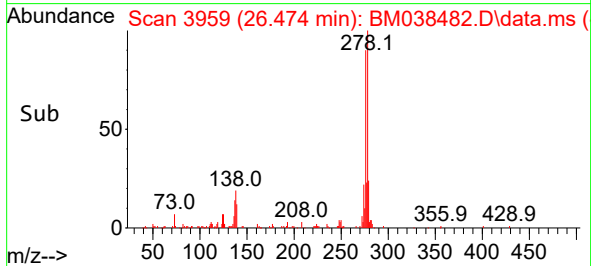
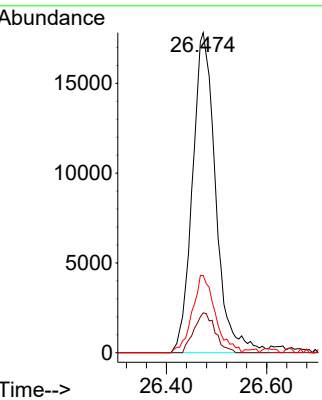
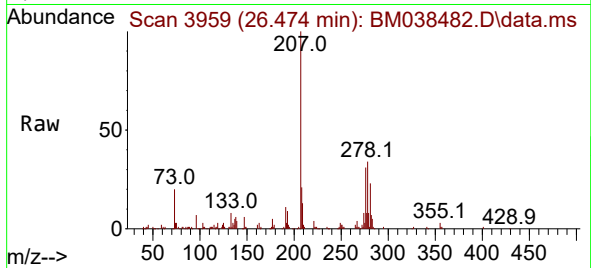




#91
 Dibenzo(a,h)anthracene
 Concen: 3.319 ng
 RT: 26.474 min Scan# 3959
 Delta R.T. -0.006 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

Instrument : BNA_M
 ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 278 | 57322 | | |
| 139 | 12.5 | 8.4 | 12.6 |
| 279 | 24.1 | 19.0 | 28.6 |



#92
 Benzo(g,h,i)perylene
 Concen: 3.330 ng
 RT: 27.238 min Scan# 4089
 Delta R.T. -0.012 min
 Lab File: BM038482.D
 Acq: 18 Jan 2023 16:25

| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 276 | 57054 | | |
| 277 | 26.2 | 18.6 | 27.8 |
| 138 | 13.6 | 11.3 | 16.9 |

