

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082421\
 Data File : BM031879.D
 Acq On : 24 Aug 2021 10:51
 Operator : CG/JU
 Sample : M2262-01
 Misc : LOD-MDL-SOIL 8ppm
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

Quant Time: Aug 24 11:19:57 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 11:19:41 2021
 Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) | |
|-------------------------------|--------|------|----------|---------|-------|----------|----|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.522 | 152 | 32914 | 20.000 | ng | 0.00 | |
| 21) Naphthalene-d8 | 10.280 | 136 | 146621 | 20.000 | ng | 0.00 | |
| 39) Acenaphthene-d10 | 14.163 | 164 | 99273 | 20.000 | ng | 0.00 | |
| 64) Phenanthrene-d10 | 16.921 | 188 | 211639 | 20.000 | ng | 0.00 | |
| 76) Chrysene-d12 | 21.127 | 240 | 194657 | 20.000 | ng | 0.00 | |
| 86) Perylene-d12 | 23.274 | 264 | 181836 | 20.000 | ng | 0.00 | |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.157 | 112 | 211611 | 94.579 | ng | 0.00 | |
| 7) Phenol-d6 | 6.722 | 99 | 283800 | 94.438 | ng | 0.00 | |
| 23) Nitrobenzene-d5 | 8.675 | 82 | 260611 | 72.379 | ng | -0.01 | |
| 42) 2,4,6-Tribromophenol | 15.668 | 330 | 112892 | 103.202 | ng | 0.00 | |
| 45) 2-Fluorobiphenyl | 12.774 | 172 | 575613 | 74.603 | ng | 0.00 | |
| 79) Terphenyl-d14 | 19.568 | 244 | 966670 | 74.711 | ng | 0.00 | |
| Target Compounds | | | | | | | |
| 2) 1,4-Dioxane | 3.175 | 88 | 7050 | 9.703 | ng | # | 83 |
| 3) Pyridine | 3.563 | 79 | 14959 | 6.830 | ng | # | 87 |
| 4) n-Nitrosodimethylamine | 3.475 | 42 | 10783 | 11.281 | ng | # | 50 |
| 6) Aniline | 6.869 | 93 | 27056 | 8.459 | ng | | 97 |
| 8) 2-Chlorophenol | 7.092 | 128 | 17747 | 7.398 | ng | | 99 |
| 9) Benzaldehyde | 6.692 | 77 | 18135 | 9.130 | ng | | 94 |
| 10) Phenol | 6.745 | 94 | 21768 | 7.251 | ng | | 92 |
| 11) bis(2-Chloroethyl)ether | 6.975 | 93 | 17029 | 7.498 | ng | | 98 |
| 12) 1,3-Dichlorobenzene | 7.410 | 146 | 20851 | 8.032 | ng | | 98 |
| 13) 1,4-Dichlorobenzene | 7.557 | 146 | 20272 | 7.689 | ng | | 95 |
| 14) 1,2-Dichlorobenzene | 7.863 | 146 | 19929 | 7.762 | ng | | 98 |
| 15) Benzyl Alcohol | 7.775 | 79 | 17434 | 7.059 | ng | | 97 |
| 16) 2,2'-oxybis(1-Chloropr... | 8.057 | 45 | 25108 | 7.397 | ng | | 93 |
| 17) 2-Methylphenol | 7.975 | 107 | 15314 | 7.577 | ng | | 95 |
| 18) Hexachloroethane | 8.575 | 117 | 8250 | 7.349 | ng | | 95 |
| 19) n-Nitroso-di-n-propyla... | 8.328 | 70 | 14833 | 6.557 | ng | | 96 |
| 20) 3+4-Methylphenols | 8.298 | 107 | 20762 | 7.366 | ng | | 95 |
| 22) Acetophenone | 8.345 | 105 | 31547 | 7.379 | ng | # | 97 |
| 24) Nitrobenzene | 8.716 | 77 | 27414 | 7.433 | ng | | 98 |
| 25) Isophorone | 9.239 | 82 | 42370 | 6.558 | ng | | 97 |
| 26) 2-Nitrophenol | 9.416 | 139 | 8841 | 6.352 | ng | | 95 |
| 27) 2,4-Dimethylphenol | 9.486 | 122 | 17301 | 8.075 | ng | | 98 |
| 28) bis(2-Chloroethoxy)met... | 9.722 | 93 | 23292 | 7.417 | ng | | 96 |
| 29) 2,4-Dichlorophenol | 9.951 | 162 | 16910 | 6.964 | ng | | 92 |
| 30) 1,2,4-Trichlorobenzene | 10.151 | 180 | 19977 | 7.749 | ng | | 99 |
| 31) Naphthalene | 10.333 | 128 | 61365 | 7.299 | ng | | 99 |
| 32) Benzoic acid | 9.586 | 122 | 8472 | 4.665 | ng | | 98 |
| 33) 4-Chloroaniline | 10.463 | 127 | 24758 | 7.416 | ng | | 97 |
| 34) Hexachlorobutadiene | 10.604 | 225 | 12417 | 7.706 | ng | | 98 |
| 35) Caprolactam | 11.257 | 113 | 5496 | 7.153 | ng | # | 78 |
| 36) 4-Chloro-3-methylphenol | 11.592 | 107 | 20137 | 6.985 | ng | | 96 |
| 37) 2-Methylnaphthalene | 11.951 | 142 | 43851 | 7.235 | ng | | 99 |
| 38) 1-Methylnaphthalene | 12.174 | 142 | 40650 | 7.124 | ng | | 96 |
| 40) 1,2,4,5-Tetrachloroben... | 12.327 | 216 | 21704 | 7.607 | ng | | 97 |
| 41) Hexachlorocyclopentadiene | 12.298 | 237 | 9765 | 7.057 | ng | | 97 |
| 43) 2,4,6-Trichlorophenol | 12.586 | 196 | 14170 | 6.728 | ng | | 89 |

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082421\
 Data File : BM031879.D
 Acq On : 24 Aug 2021 10:51
 Operator : CG/JU
 Sample : M2262-01
 Misc : LOD-MDL-SOIL 8ppm
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

Quant Time: Aug 24 11:19:57 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 11:19:41 2021
 Response via : Initial Calibration

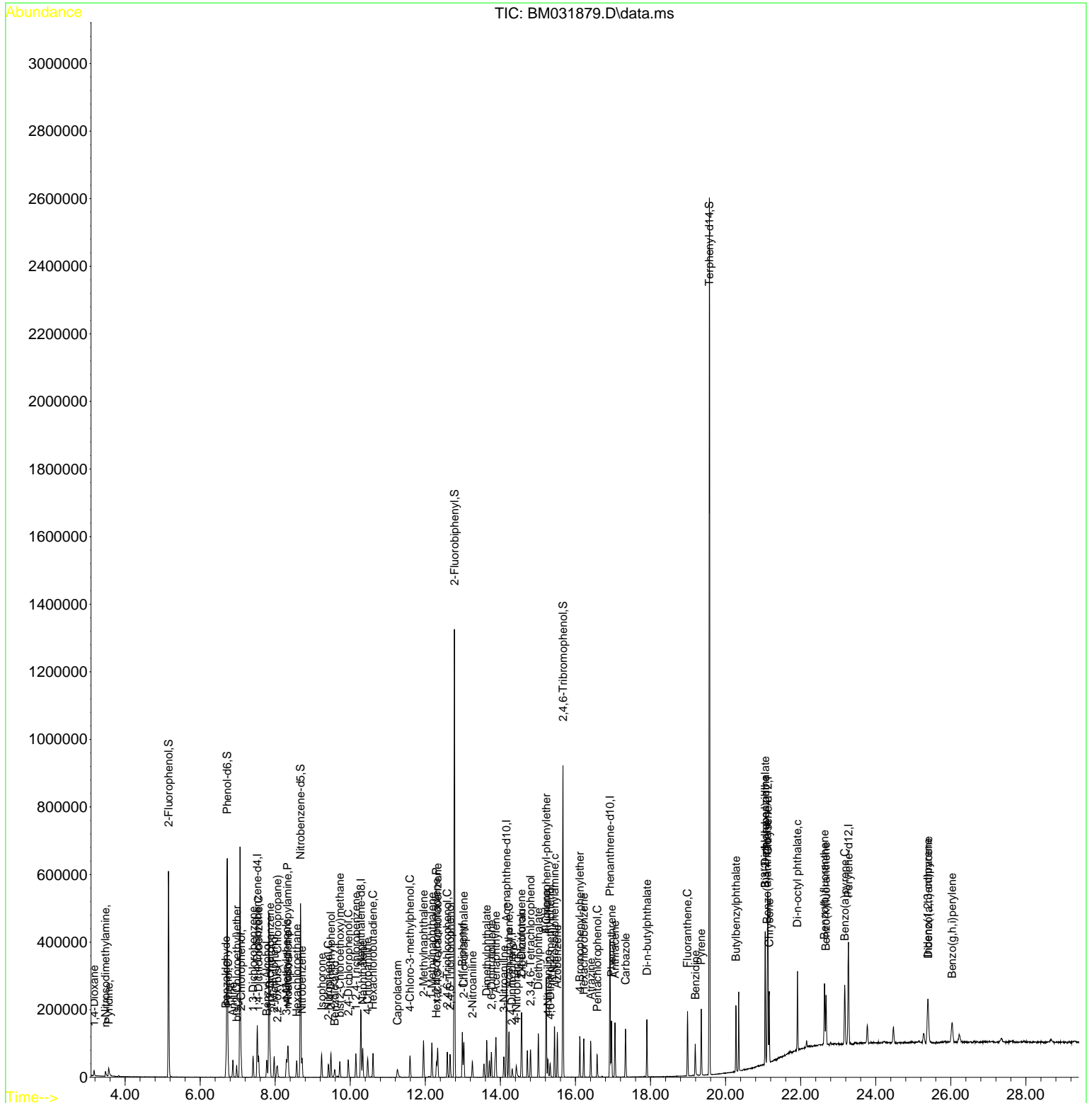
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol | 12.657 | 196 | 15572 | 6.931 | ng | 94 |
| 46) 1,1'-Biphenyl | 12.986 | 154 | 59127 | 7.384 | ng | 99 |
| 47) 2-Chloronaphthalene | 13.027 | 162 | 43995 | 7.075 | ng | 98 |
| 48) 2-Nitroaniline | 13.257 | 65 | 12182 | 5.630 | ng | 96 |
| 49) Acenaphthylene | 13.880 | 152 | 71244 | 7.063 | ng | 100 |
| 50) Dimethylphthalate | 13.633 | 163 | 58844 | 7.297 | ng | 98 |
| 51) 2,6-Dinitrotoluene | 13.763 | 165 | 11796 | 6.705 | ng | 92 |
| 52) Acenaphthene | 14.227 | 154 | 41944 | 6.912 | ng | 99 |
| 53) 3-Nitroaniline | 14.092 | 138 | 11329 | 6.578 | ng # | 90 |
| 54) 2,4-Dinitrophenol | 14.310 | 184 | 4995 | 5.084 | ng # | 74 |
| 55) Dibenzofuran | 14.568 | 168 | 69860 | 6.953 | ng | 97 |
| 56) 4-Nitrophenol | 14.427 | 139 | 9102 | 6.417 | ng | 94 |
| 57) 2,4-Dinitrotoluene | 14.557 | 165 | 15109 | 6.169 | ng # | 97 |
| 58) Fluorene | 15.221 | 166 | 56908 | 6.914 | ng | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 14.804 | 232 | 13356 | 6.943 | ng | 96 |
| 60) Diethylphthalate | 15.010 | 149 | 64779 | 7.377 | ng | 100 |
| 61) 4-Chlorophenyl-phenyle... | 15.221 | 204 | 28216 | 7.154 | ng | 98 |
| 62) 4-Nitroaniline | 15.268 | 138 | 9874 | 6.027 | ng | 94 |
| 63) Azobenzene | 15.515 | 77 | 68383 | 6.755 | ng | 98 |
| 65) 4,6-Dinitro-2-methylph... | 15.327 | 198 | 7227 | 4.903 | ng | 97 |
| 66) n-Nitrosodiphenylamine | 15.445 | 169 | 48739 | 6.820 | ng | 99 |
| 67) 4-Bromophenyl-phenylether | 16.115 | 248 | 15897 | 6.916 | ng | 92 |
| 68) Hexachlorobenzene | 16.221 | 284 | 17745 | 7.295 | ng | 93 |
| 69) Atrazine | 16.409 | 200 | 17997 | 7.534 | ng | 96 |
| 70) Pentachlorophenol | 16.580 | 266 | 10278 | 6.460 | ng | 93 |
| 71) Phenanthrene | 16.962 | 178 | 88960 | 6.979 | ng | 99 |
| 72) Anthracene | 17.051 | 178 | 90970 | 7.255 | ng | 99 |
| 73) Carbazole | 17.333 | 167 | 82425 | 6.834 | ng | 99 |
| 74) Di-n-butylphthalate | 17.903 | 149 | 106157 | 6.607 | ng | 99 |
| 75) Fluoranthene | 18.986 | 202 | 100940 | 7.124 | ng | 99 |
| 77) Benzidine | 19.192 | 184 | 47971 | 9.637 | ng | 98 |
| 78) Pyrene | 19.350 | 202 | 106040 | 6.799 | ng | 98 |
| 80) Butylbenzylphthalate | 20.274 | 149 | 47736 | 6.208 | ng | 99 |
| 81) Benzo(a)anthracene | 21.109 | 228 | 97691 | 6.845 | ng | 99 |
| 82) 3,3'-Dichlorobenzidine | 21.056 | 252 | 33416 | 7.910 | ng | 98 |
| 83) Chrysene | 21.162 | 228 | 94315 | 6.867 | ng | 97 |
| 84) Bis(2-ethylhexyl)phtha... | 21.056 | 149 | 74438 | 6.221 | ng | 98 |
| 85) Di-n-octyl phthalate | 21.915 | 149 | 121941 | 6.370 | ng | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 25.385 | 276 | 82867 | 5.870 | ng | 98 |
| 88) Benzo(b)fluoranthene | 22.633 | 252 | 90792 | 6.779 | ng | 97 |
| 89) Benzo(k)fluoranthene | 22.674 | 252 | 84633 | 6.566 | ng | 98 |
| 90) Benzo(a)pyrene | 23.174 | 252 | 84509 | 7.028 | ng | 98 |
| 91) Dibenzo(a,h)anthracene | 25.397 | 278 | 71990 | 5.841 | ng | 99 |
| 92) Benzo(g,h,i)perylene | 26.032 | 276 | 66936 | 5.835 | ng | 97 |

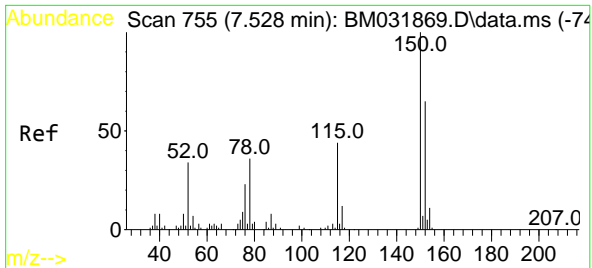
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082421\
 Data File : BM031879.D
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 Sample : M2262-01
 Misc : LOD-MDL-SOIL 8ppm
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

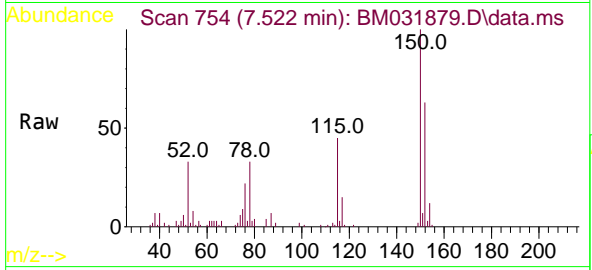
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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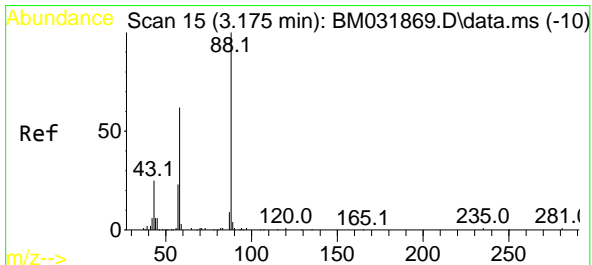
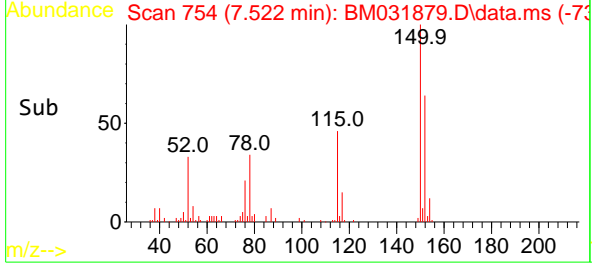
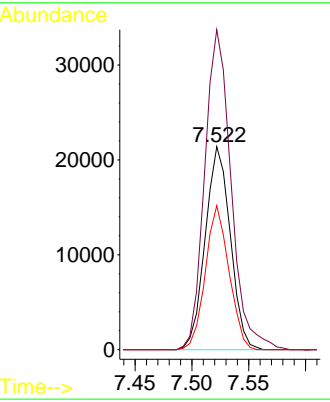
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.522 min Scan# 754
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

Instrument :
 BNA_M
ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

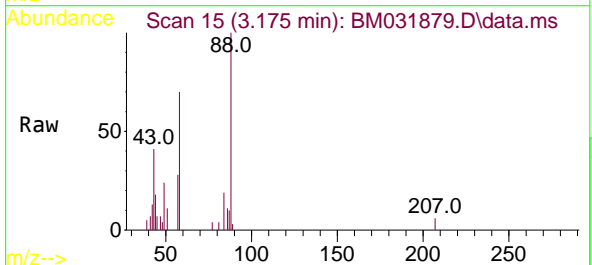


Tgt Ion:152 Resp: 32914

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100 | | |
| 150 | 157.6 | 122.4 | 183.6 |
| 115 | 71.0 | 53.8 | 80.8 |

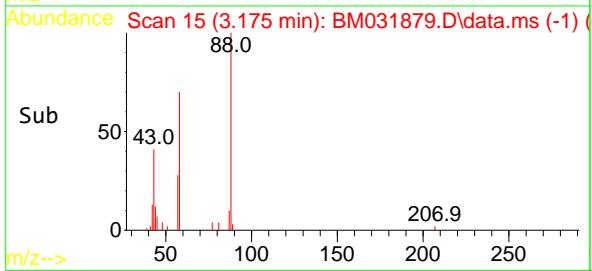
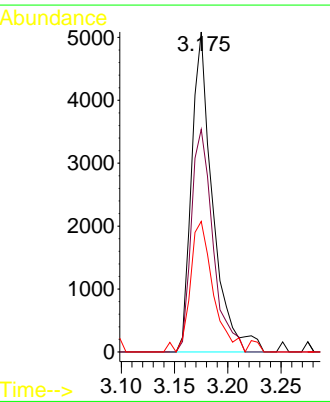


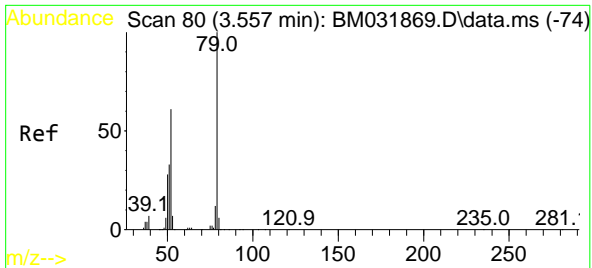
#2
 1,4-Dioxane
 Concen: 9.703 ng
 RT: 3.175 min Scan# 15
 Delta R.T. -0.000 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51



Tgt Ion: 88 Resp: 7050

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88 | 100 | | |
| 58 | 71.2 | 50.4 | 75.6 |
| 43 | 44.1 | 22.2 | 33.2 |

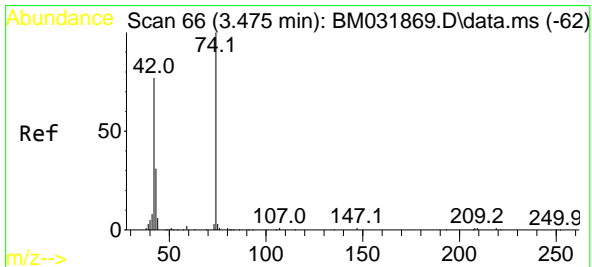
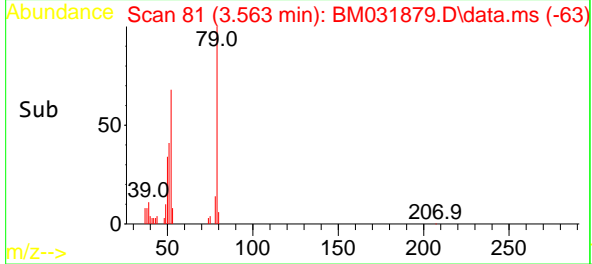
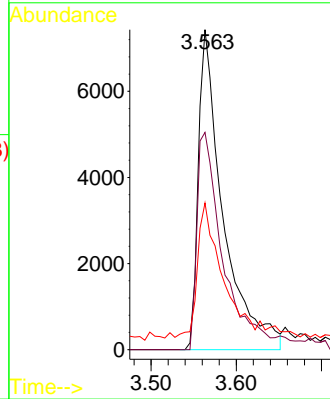
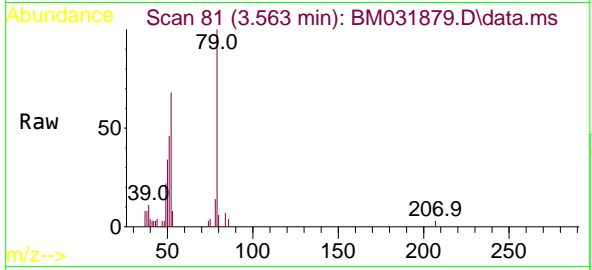




#3
 Pyridine
 Concen: 6.830 ng
 RT: 3.563 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

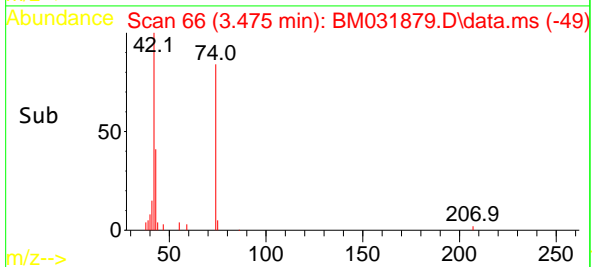
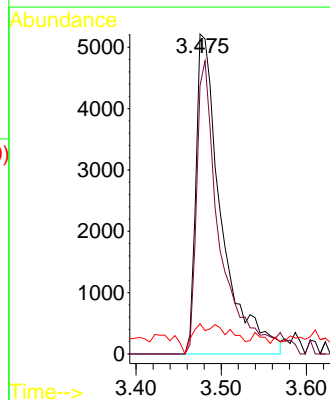
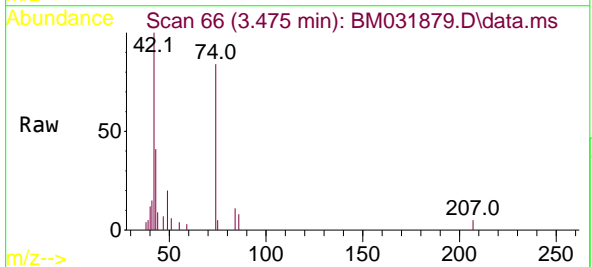
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

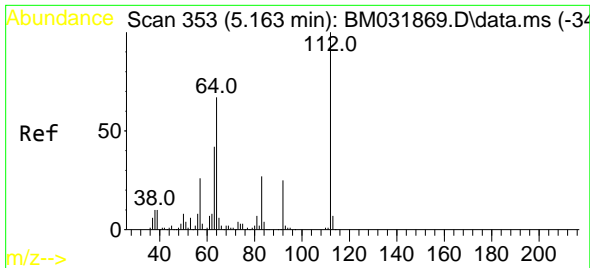
Tgt Ion: 79 Resp: 14959
 Ion Ratio Lower Upper
 79 100
 52 67.9 48.6 73.0
 51 45.9 27.4 41.2#



#4
 n-Nitrosodimethylamine
 Concen: 11.281 ng
 RT: 3.475 min Scan# 66
 Delta R.T. -0.000 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

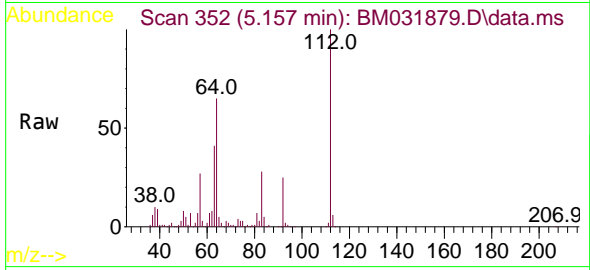
Tgt Ion: 42 Resp: 10783
 Ion Ratio Lower Upper
 42 100
 74 83.8 99.5 149.3#
 44 9.4 57.3 85.9#





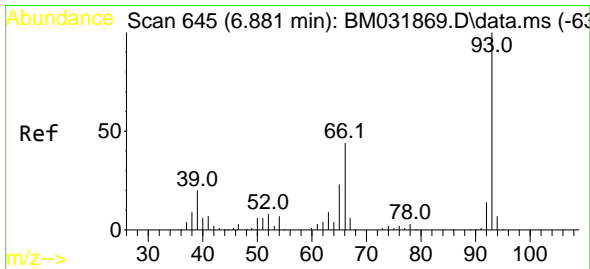
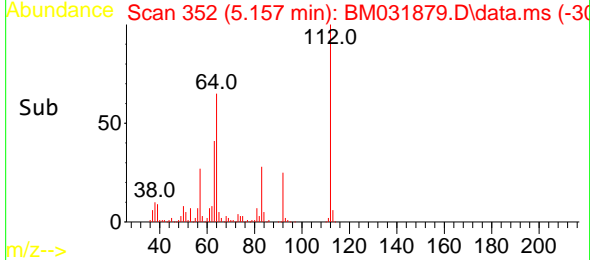
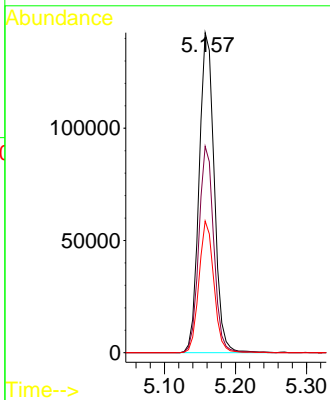
#5
 2-Fluorophenol
 Concen: 94.579 ng
 RT: 5.157 min Scan# 352
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

Instrument :
 BNA_M
ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021



Tgt Ion:112 Resp: 211611

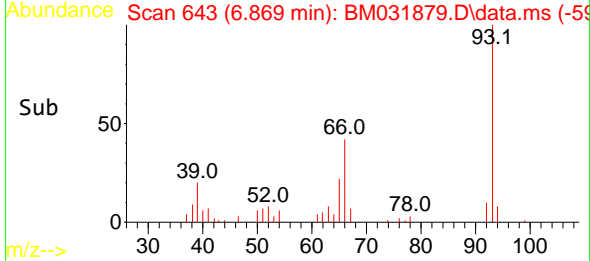
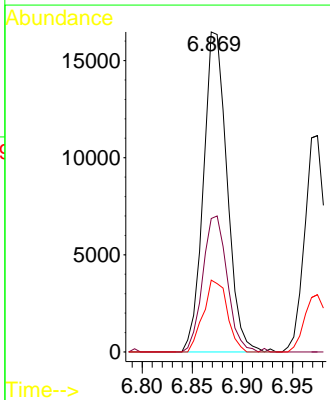
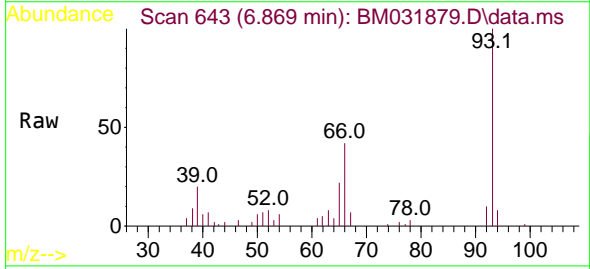
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100 | | |
| 64 | 64.5 | 53.7 | 80.5 |
| 63 | 41.1 | 33.9 | 50.9 |

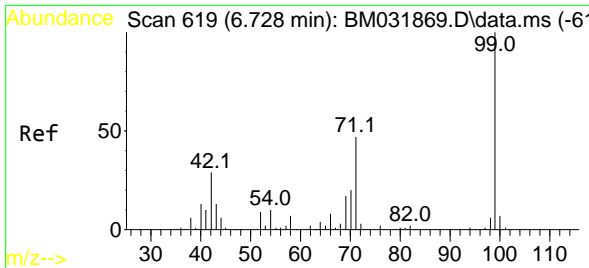


#6
 Aniline
 Concen: 8.459 ng
 RT: 6.869 min Scan# 643
 Delta R.T. -0.012 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

Tgt Ion: 93 Resp: 27056

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93 | 100 | | |
| 66 | 41.7 | 35.3 | 52.9 |
| 65 | 22.5 | 18.7 | 28.1 |

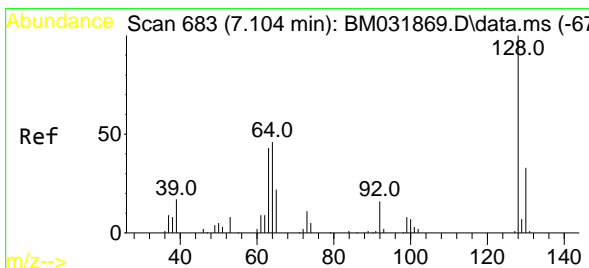
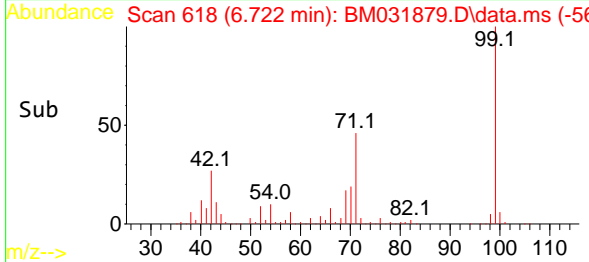
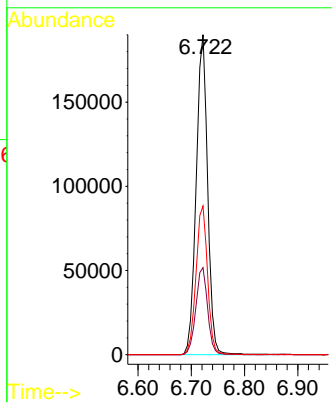
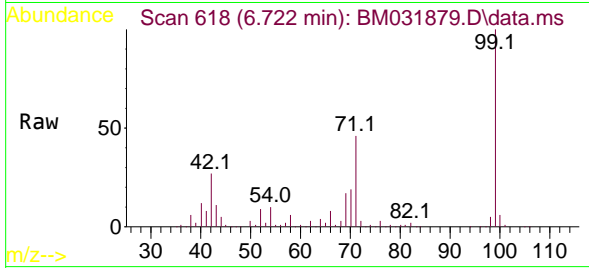




#7
 Phenol-d6
 Concen: 94.438 ng
 RT: 6.722 min Scan# 618
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

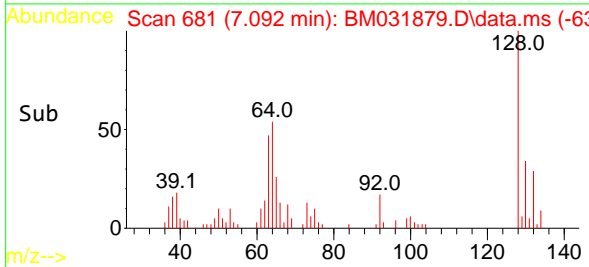
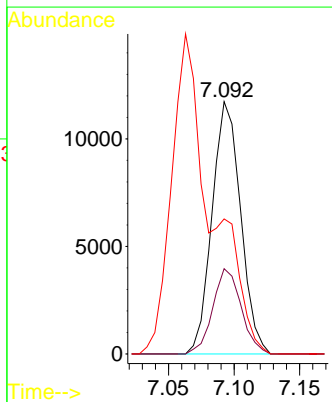
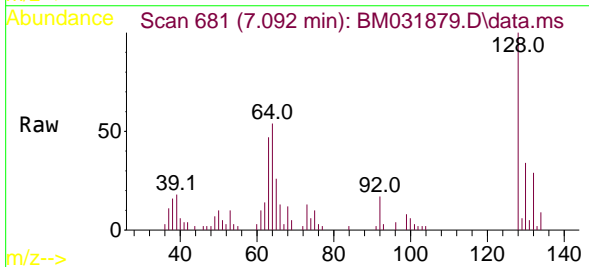
Instrument :
 BNA_M
ClientSampled :
 LOD-MDL-SOIL-01-QT2-2021

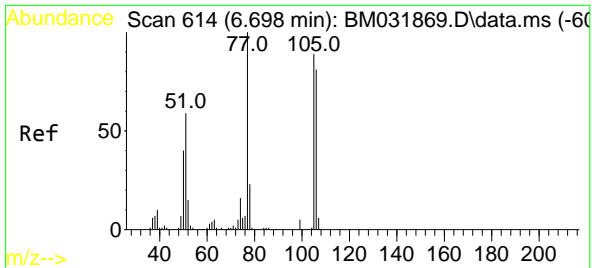
| Tgt Ion | Resp | Lower | Upper |
|---------|--------|-------|-------|
| 99 | 283800 | | |
| 42 | 27.2 | 23.0 | 34.6 |
| 71 | 46.5 | 37.8 | 56.8 |



#8
 2-Chlorophenol
 Concen: 7.398 ng
 RT: 7.092 min Scan# 681
 Delta R.T. -0.012 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

| Tgt Ion | Resp | Lower | Upper |
|---------|-------|-------|-------|
| 128 | 17747 | | |
| 130 | 33.8 | 13.0 | 53.0 |
| 64 | 53.5 | 33.4 | 73.4 |



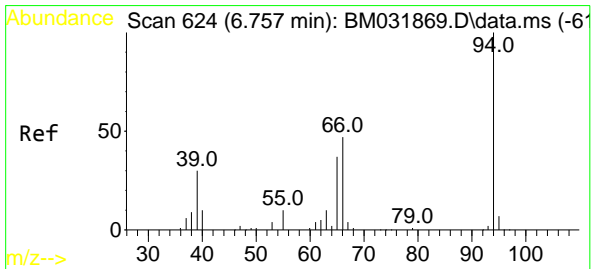
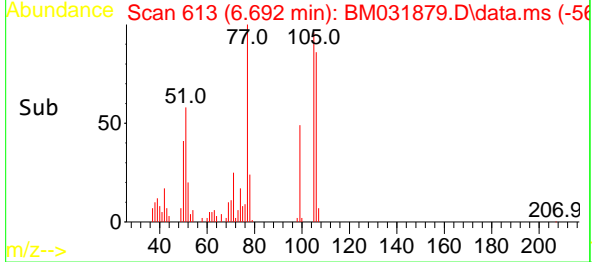
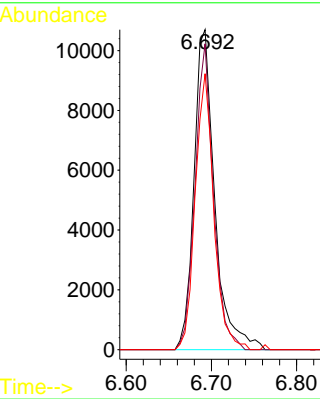
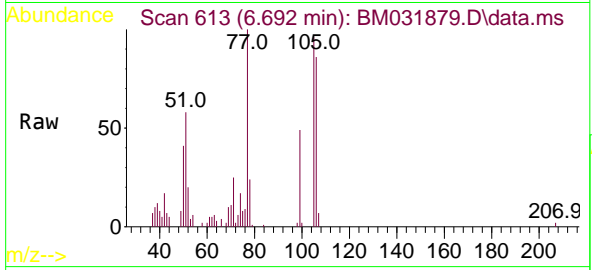


#9
Benzaldehyde
Concen: 9.130 ng
RT: 6.692 min Scan# 613
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Tgt Ion: 77 Resp: 18135

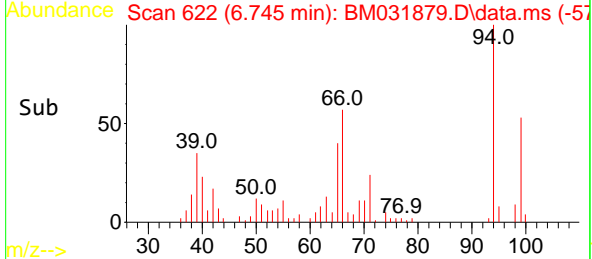
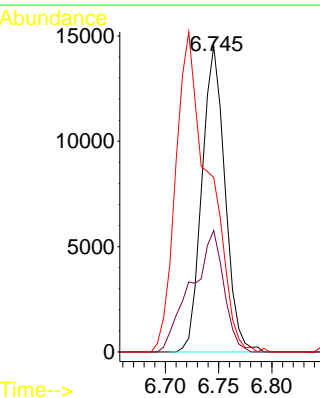
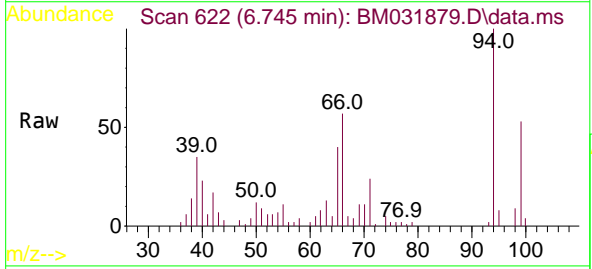
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77 | 100 | | |
| 105 | 95.6 | 68.9 | 108.9 |
| 106 | 86.2 | 61.2 | 101.2 |

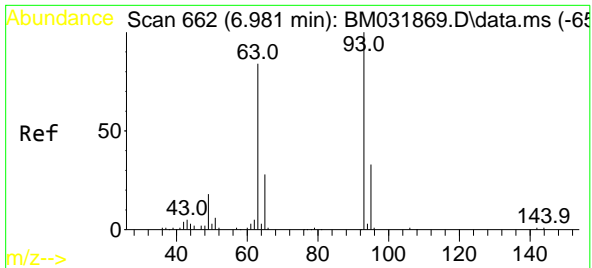


#10
Phenol
Concen: 7.251 ng
RT: 6.745 min Scan# 622
Delta R.T. -0.012 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

Tgt Ion: 94 Resp: 21768

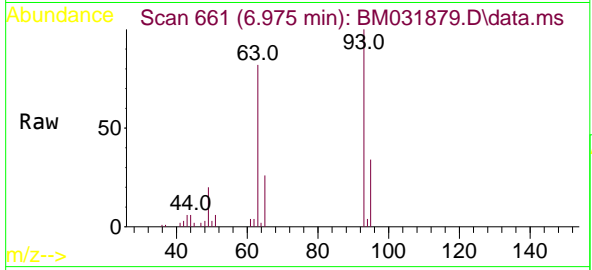
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94 | 100 | | |
| 65 | 39.7 | 16.9 | 56.9 |
| 66 | 57.0 | 30.0 | 70.0 |





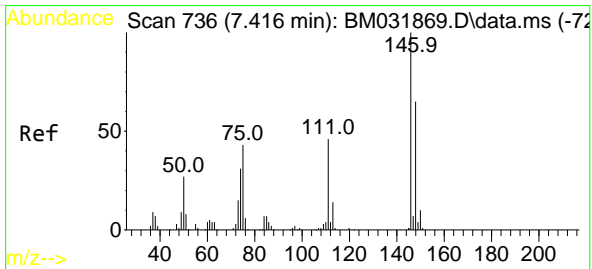
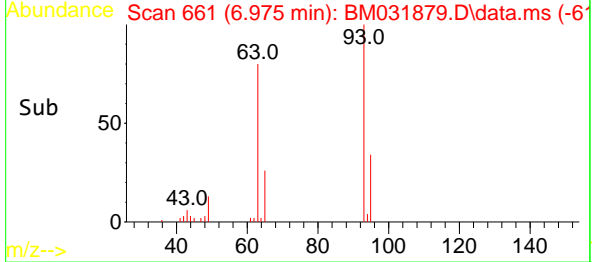
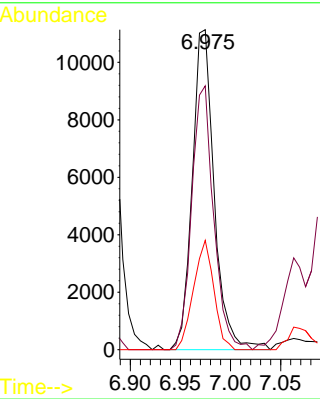
#11
 bis(2-Chloroethyl)ether
 Concen: 7.498 ng
 RT: 6.975 min Scan# 661
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

Instrument :
 BNA_M
ClientSampled :
 LOD-MDL-SOIL-01-QT2-2021

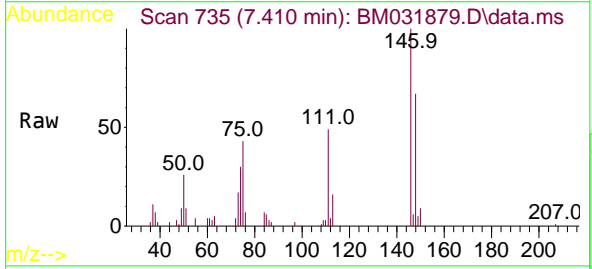


Tgt Ion: 93 Resp: 17029

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93 | 100 | | |
| 63 | 82.4 | 63.7 | 103.7 |
| 95 | 34.2 | 12.4 | 52.4 |

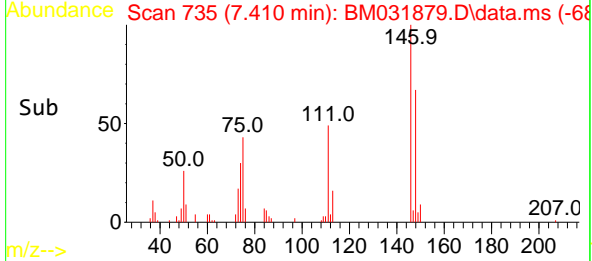
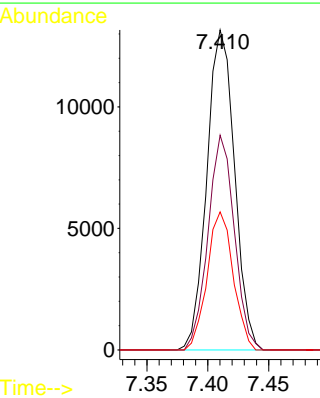


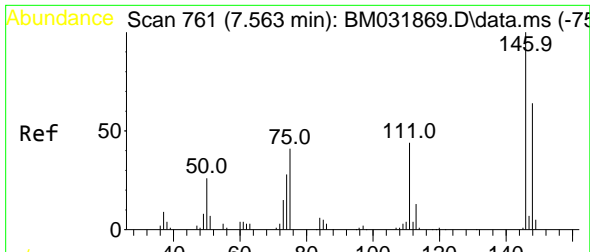
#12
 1,3-Dichlorobenzene
 Concen: 8.032 ng
 RT: 7.410 min Scan# 735
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51



Tgt Ion: 146 Resp: 20851

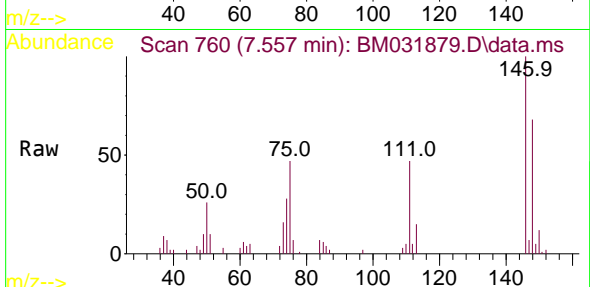
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100 | | |
| 148 | 67.1 | 52.3 | 78.5 |
| 75 | 43.2 | 34.2 | 51.2 |



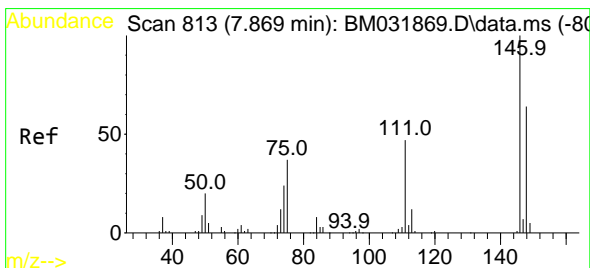
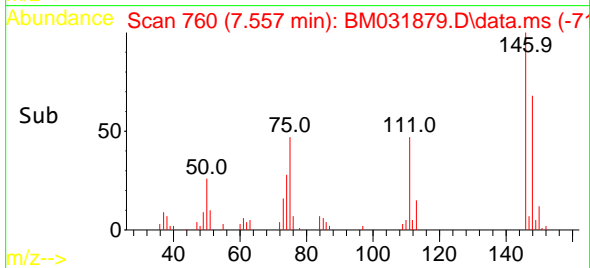
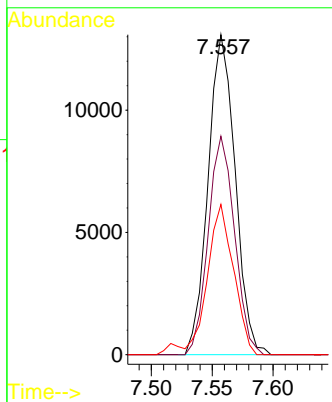


#13
 1,4-Dichlorobenzene
 Concen: 7.689 ng
 RT: 7.557 min Scan# 760
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

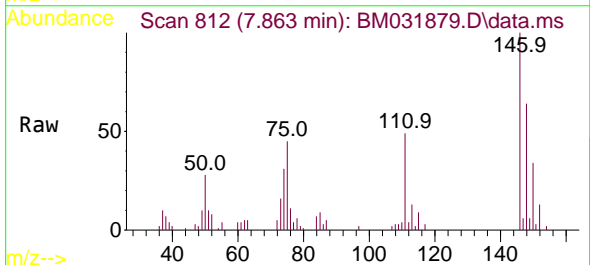
Instrument :
 BNA_M
ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021



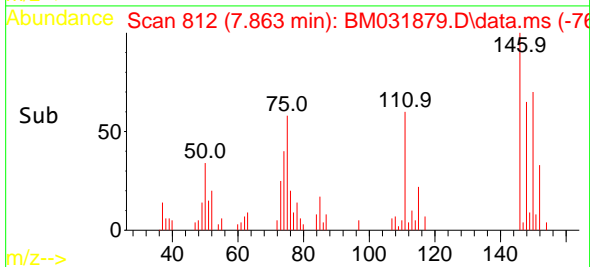
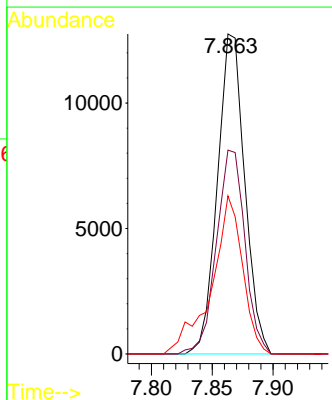
Tgt Ion:146 Resp: 20272
 Ion Ratio Lower Upper
 146 100
 148 68.3 51.1 76.7
 111 47.0 35.3 52.9

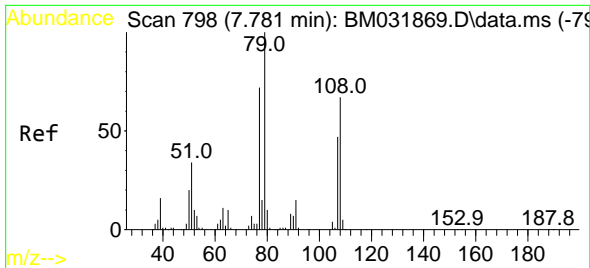


#14
 1,2-Dichlorobenzene
 Concen: 7.762 ng
 RT: 7.863 min Scan# 812
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51



Tgt Ion:146 Resp: 19929
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.7 77.5
 111 49.4 38.2 57.2



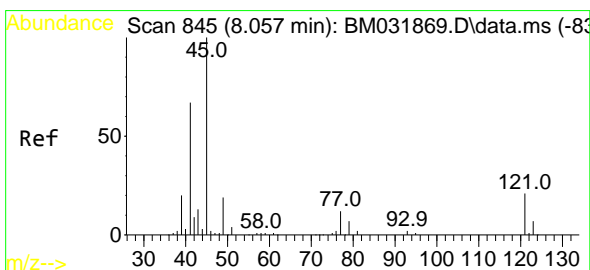
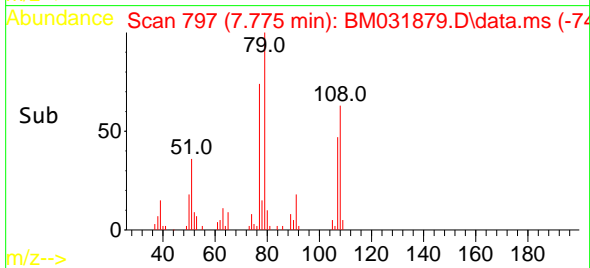
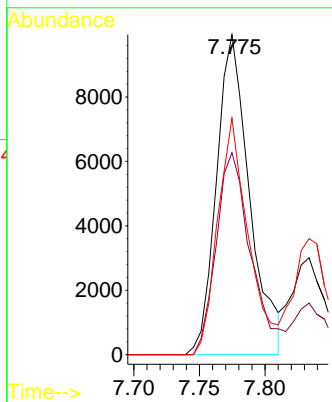
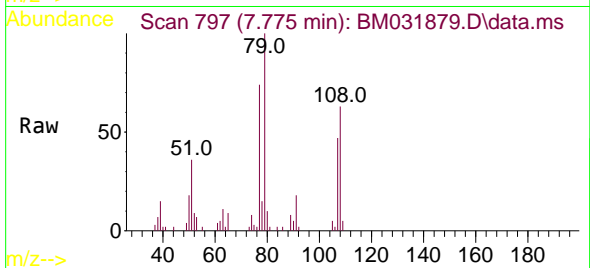


#15
 Benzyl Alcohol
 Concen: 7.059 ng
 RT: 7.775 min Scan# 797
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

Tgt Ion: 79 Resp: 17434

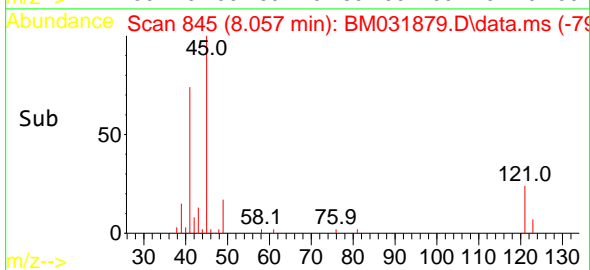
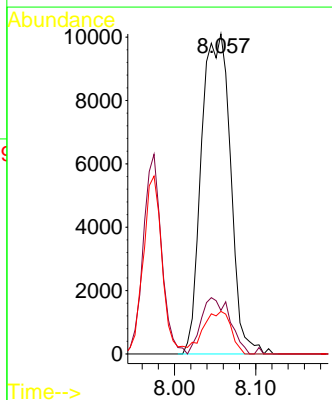
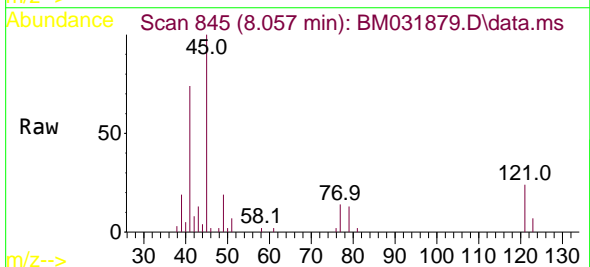
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79 | 100 | | |
| 108 | 63.2 | 53.6 | 80.4 |
| 77 | 73.9 | 57.7 | 86.5 |

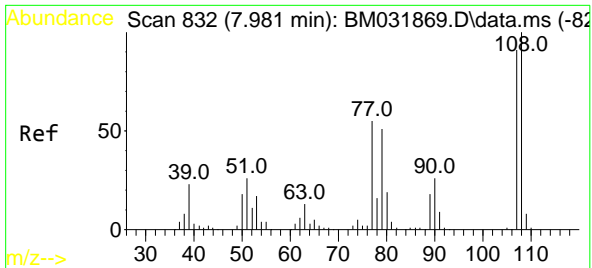


#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 7.397 ng
 RT: 8.057 min Scan# 845
 Delta R.T. 0.000 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

Tgt Ion: 45 Resp: 25108

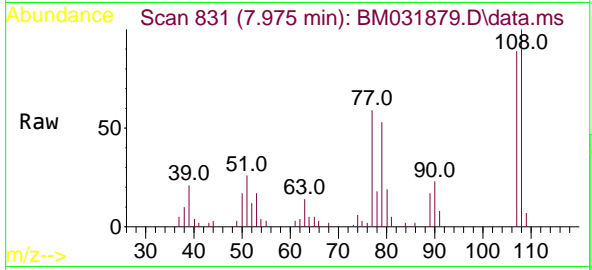
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45 | 100 | | |
| 77 | 13.6 | 0.0 | 36.1 |
| 79 | 13.3 | 0.0 | 30.5 |





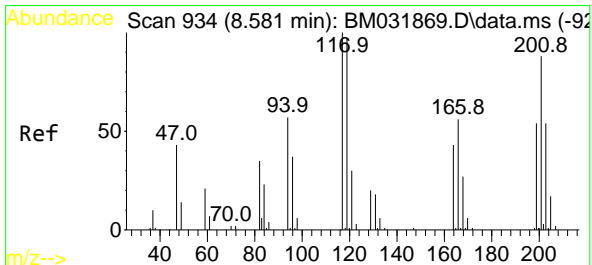
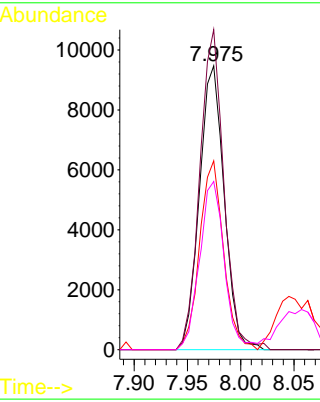
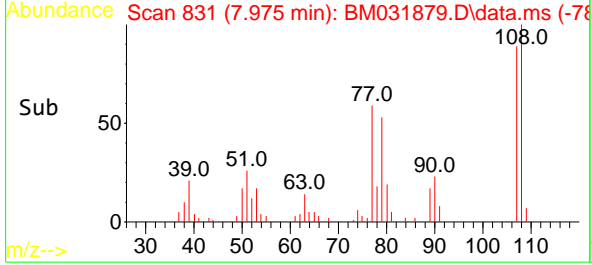
#17
 2-Methylphenol
 Concen: 7.577 ng
 RT: 7.975 min Scan# 831
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

Instrument :
 BNA_M
 ClientSampled :
 LOD-MDL-SOIL-01-QT2-2021

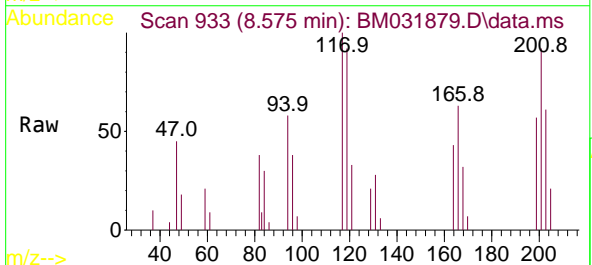


Tgt Ion:107 Resp: 15314

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100 | | |
| 108 | 112.7 | 87.9 | 131.9 |
| 77 | 66.5 | 48.2 | 72.2 |
| 79 | 59.3 | 44.7 | 67.1 |

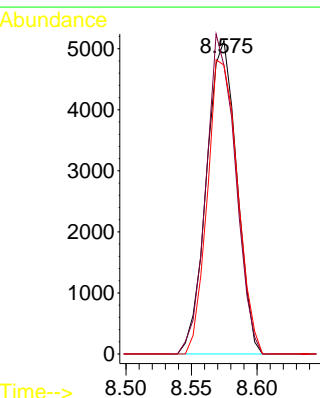
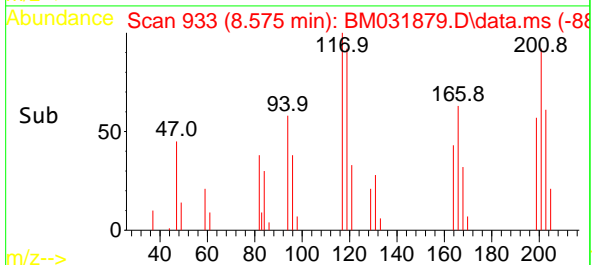


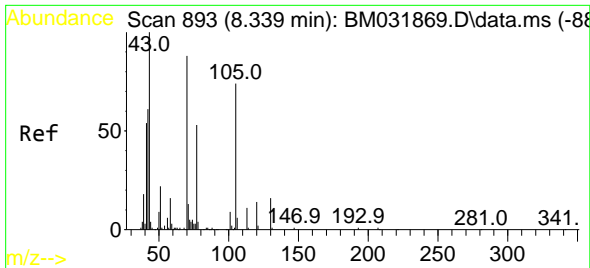
#18
 Hexachloroethane
 Concen: 7.349 ng
 RT: 8.575 min Scan# 933
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51



Tgt Ion:117 Resp: 8250

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100 | | |
| 119 | 92.0 | 77.7 | 116.5 |
| 201 | 92.2 | 70.2 | 105.2 |



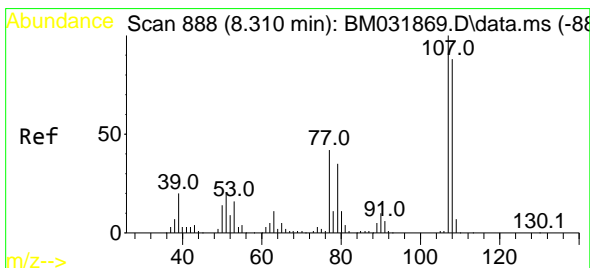
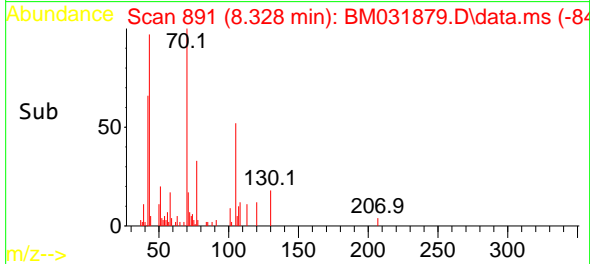
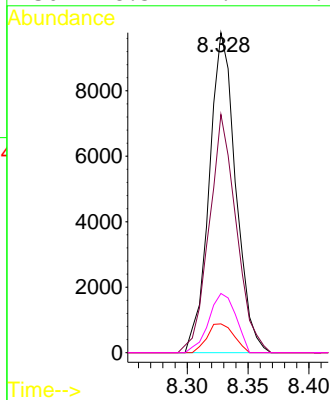
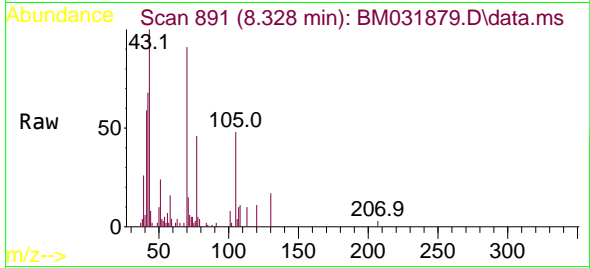


#19
 n-Nitroso-di-n-propylamine
 Concen: 6.557 ng
 RT: 8.328 min Scan# 891
 Delta R.T. -0.012 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

Tgt Ion: 70 Resp: 14833

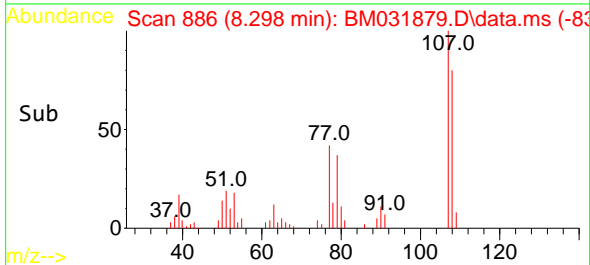
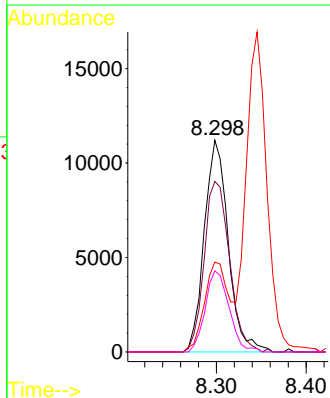
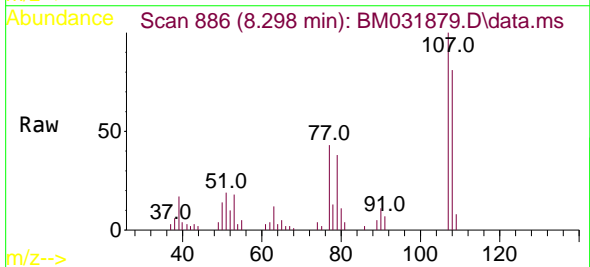
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70 | 100 | | |
| 42 | 74.5 | 56.3 | 84.5 |
| 101 | 9.0 | 7.8 | 11.6 |
| 130 | 18.5 | 14.2 | 21.4 |

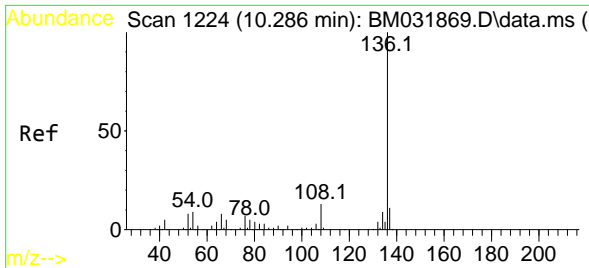


#20
 3+4-Methylphenols
 Concen: 7.366 ng
 RT: 8.298 min Scan# 886
 Delta R.T. -0.012 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

Tgt Ion: 107 Resp: 20762

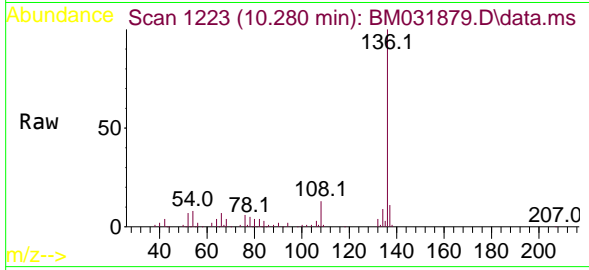
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100 | | |
| 108 | 80.6 | 67.6 | 107.6 |
| 77 | 42.5 | 21.9 | 61.9 |
| 79 | 38.3 | 15.3 | 55.3 |





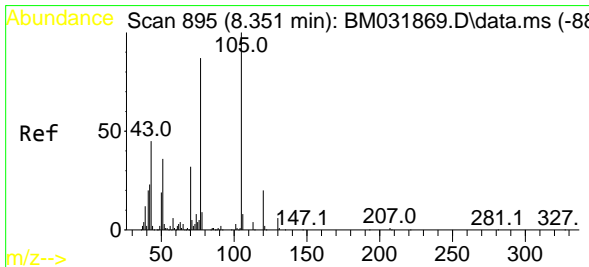
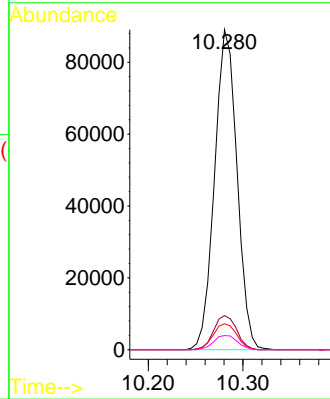
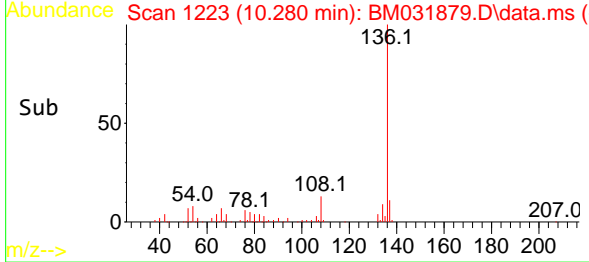
#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.280 min Scan# 1223
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

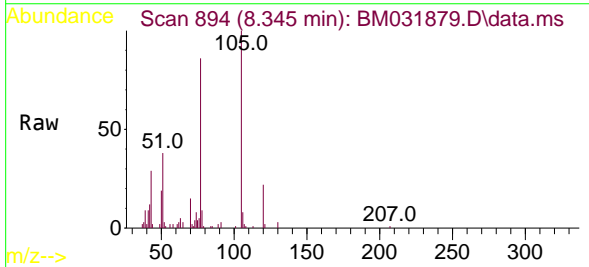


Tgt Ion:136 Resp: 146621

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100 | | |
| 137 | 10.7 | 8.7 | 13.1 |
| 54 | 8.1 | 7.4 | 11.0 |
| 68 | 4.4 | 3.8 | 5.8 |

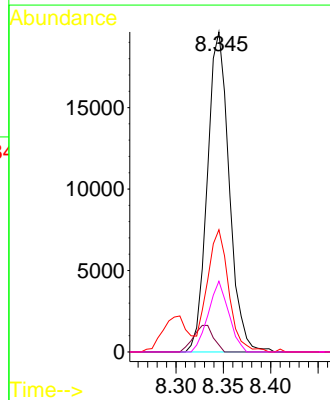
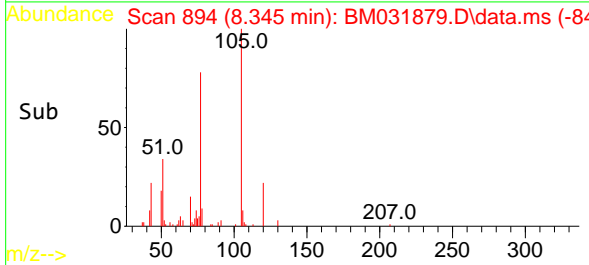


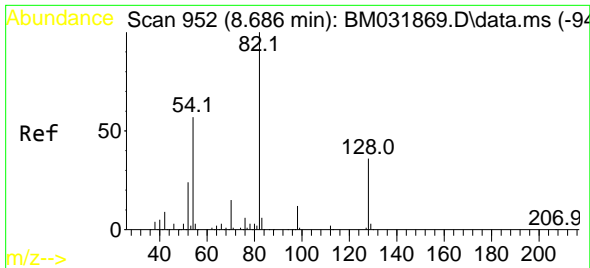
#22
 Acetophenone
 Concen: 7.379 ng
 RT: 8.345 min Scan# 894
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51



Tgt Ion:105 Resp: 31547

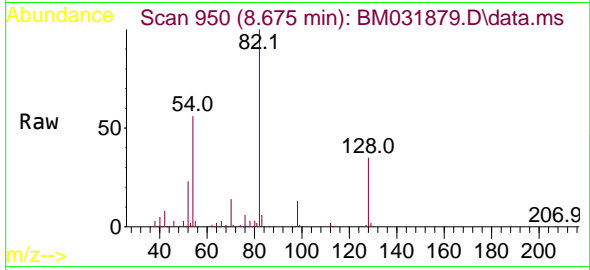
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100 | | |
| 71 | 2.2 | 3.8 | 5.6# |
| 51 | 38.2 | 29.5 | 44.3 |
| 120 | 22.1 | 16.3 | 24.5 |





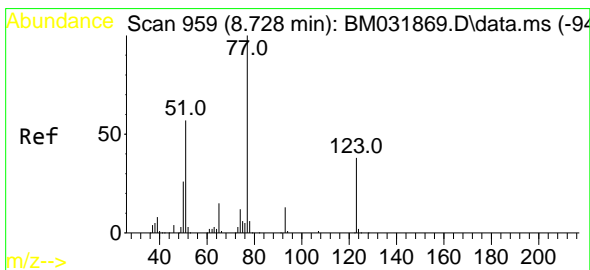
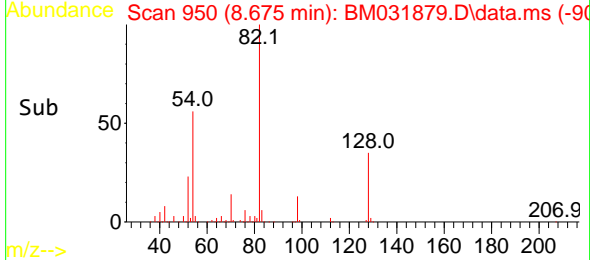
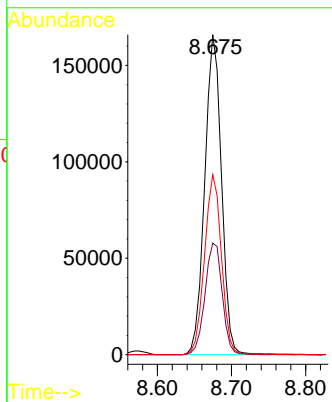
#23
 Nitrobenzene-d5
 Concen: 72.379 ng
 RT: 8.675 min Scan# 950
 Delta R.T. -0.012 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

Instrument :
 BNA_M
ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

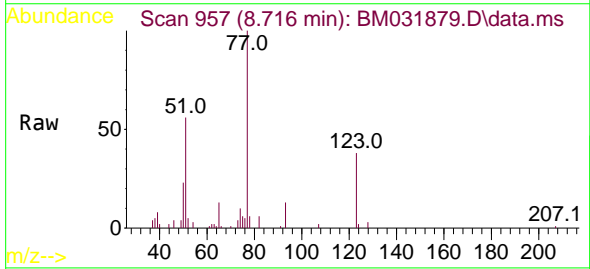


Tgt Ion: 82 Resp: 260611

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82 | 100 | | |
| 128 | 34.8 | 29.0 | 43.6 |
| 54 | 56.2 | 45.8 | 68.8 |

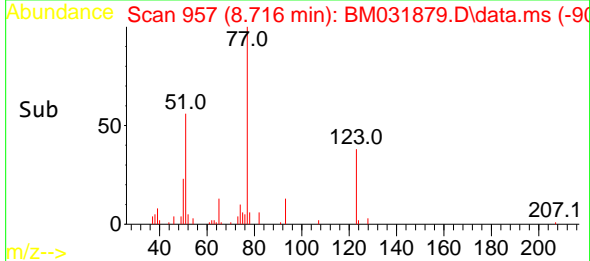
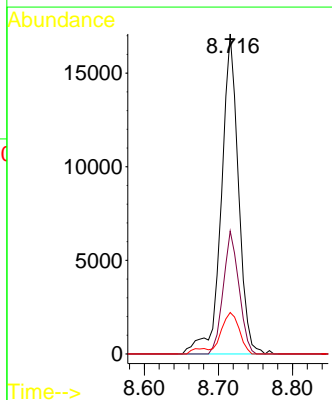


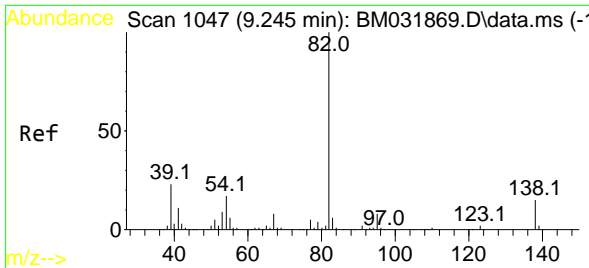
#24
 Nitrobenzene
 Concen: 7.433 ng
 RT: 8.716 min Scan# 957
 Delta R.T. -0.012 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51



Tgt Ion: 77 Resp: 27414

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77 | 100 | | |
| 123 | 38.4 | 30.1 | 45.1 |
| 65 | 12.9 | 11.7 | 17.5 |

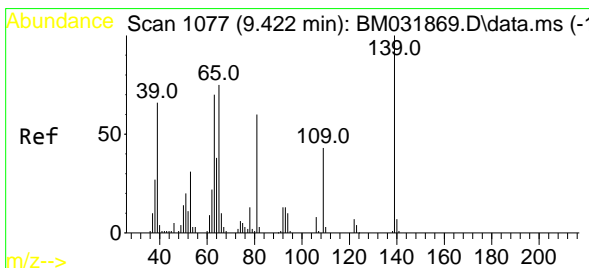
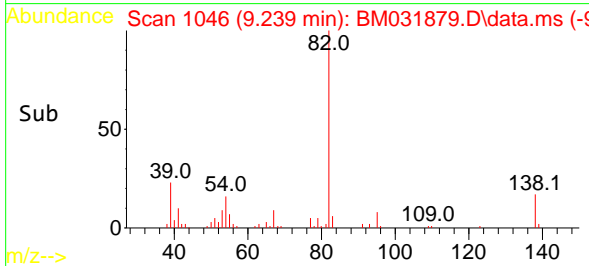
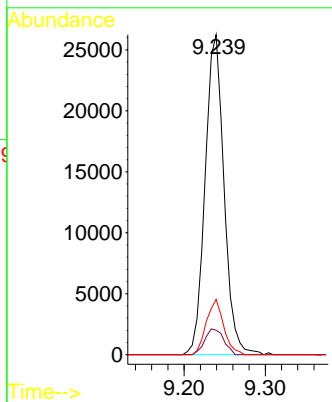
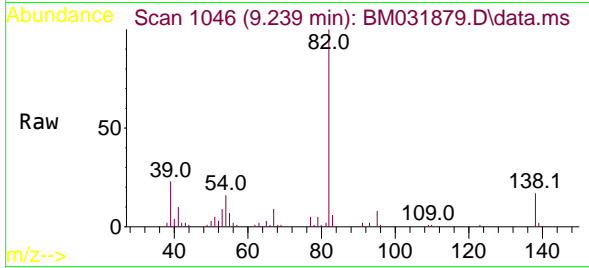




#25
 Isophorone
 Concen: 6.558 ng
 RT: 9.239 min Scan# 1046
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

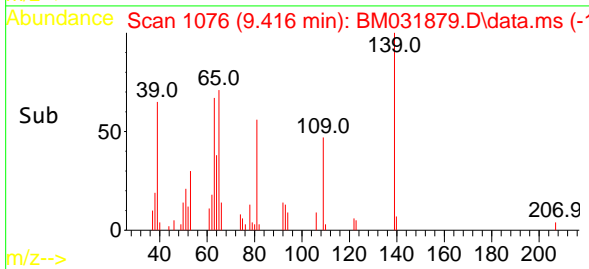
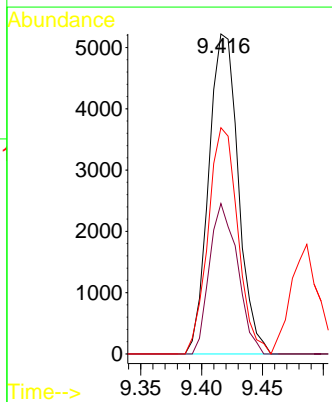
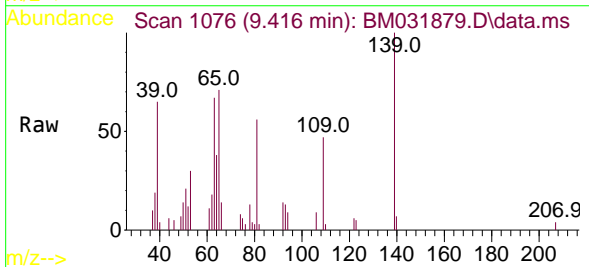
Instrument :
 BNA_M
 ClientSampled :
 LOD-MDL-SOIL-01-QT2-2021

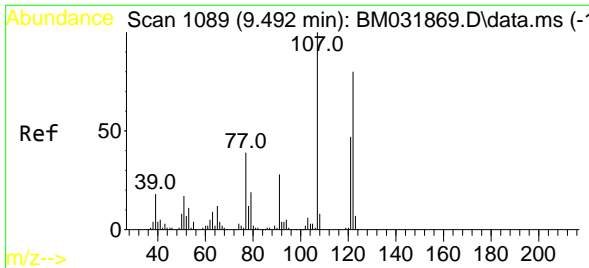
Tgt Ion: 82 Resp: 42370
 Ion Ratio Lower Upper
 82 100
 95 7.7 6.4 9.6
 138 17.3 12.4 18.6



#26
 2-Nitrophenol
 Concen: 6.352 ng
 RT: 9.416 min Scan# 1076
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

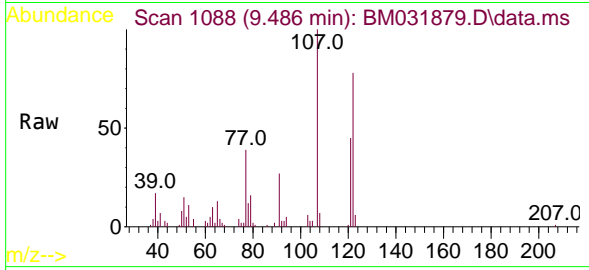
Tgt Ion: 139 Resp: 8841
 Ion Ratio Lower Upper
 139 100
 109 47.0 34.8 52.2
 65 70.7 59.9 89.9



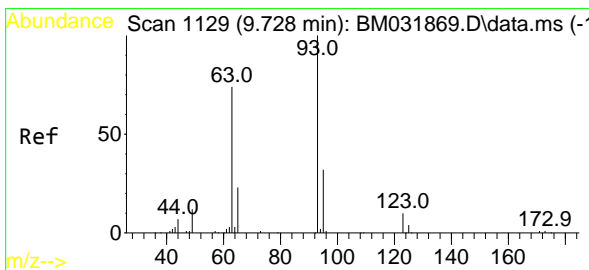
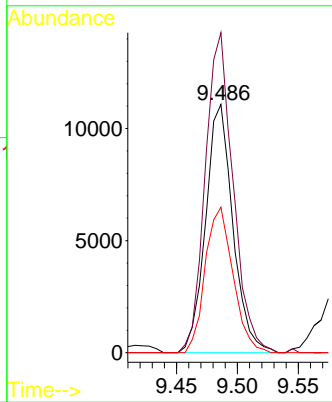
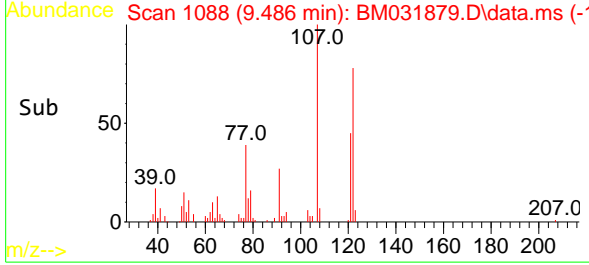


#27
 2,4-Dimethylphenol
 Concen: 8.075 ng
 RT: 9.486 min Scan# 1088
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

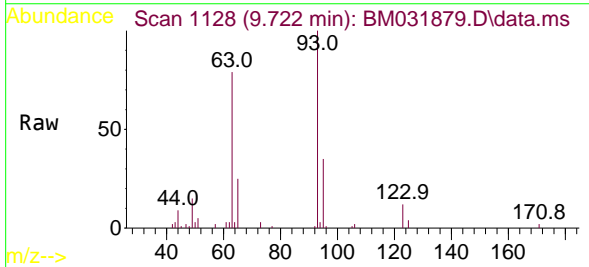
Instrument :
 BNA_M
 ClientSampled :
 LOD-MDL-SOIL-01-QT2-2021



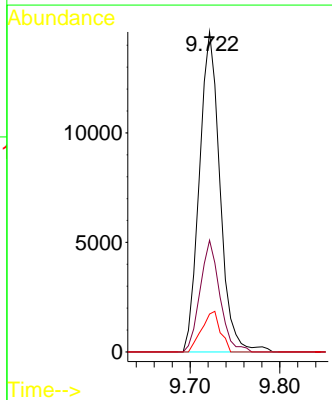
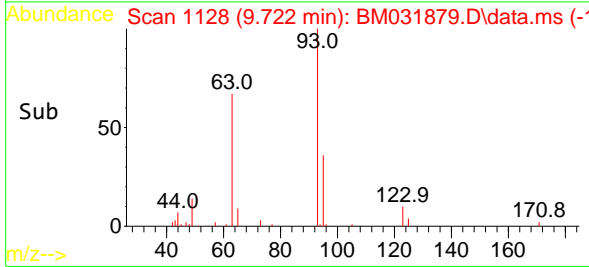
Tgt Ion:122 Resp: 17301
 Ion Ratio Lower Upper
 122 100
 107 128.9 100.6 150.8
 121 58.6 47.3 70.9

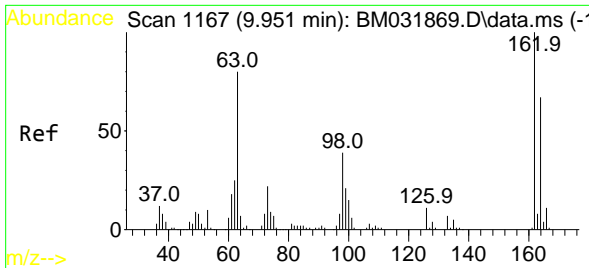


#28
 bis(2-Chloroethoxy)methane
 Concen: 7.417 ng
 RT: 9.722 min Scan# 1128
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51



Tgt Ion: 93 Resp: 23292
 Ion Ratio Lower Upper
 93 100
 95 34.9 25.8 38.8
 123 11.8 8.8 13.2

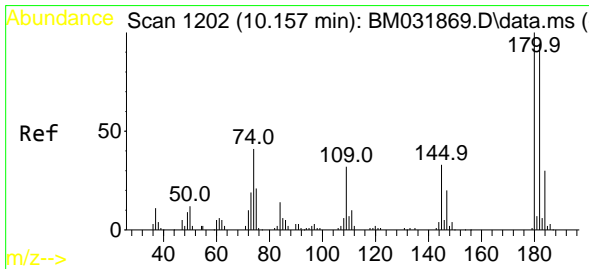
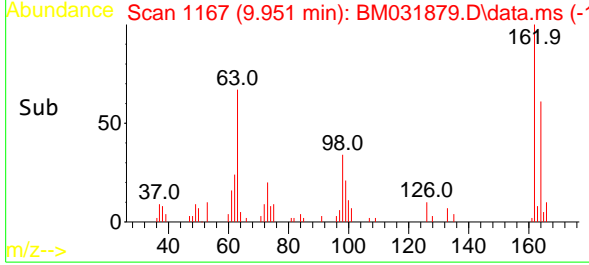
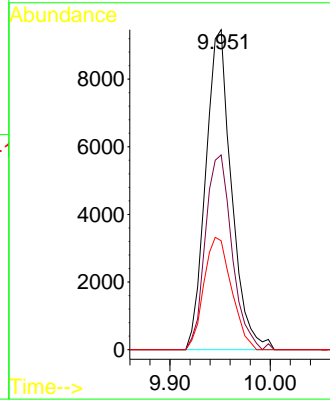
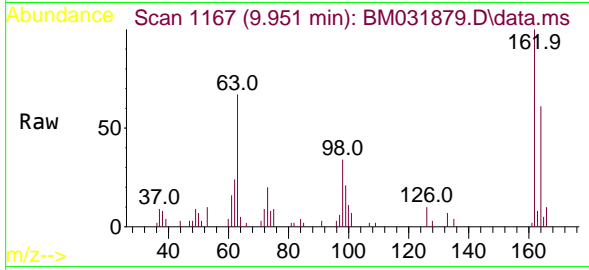




#29
 2,4-Dichlorophenol
 Concen: 6.964 ng
 RT: 9.951 min Scan# 1167
 Delta R.T. -0.000 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

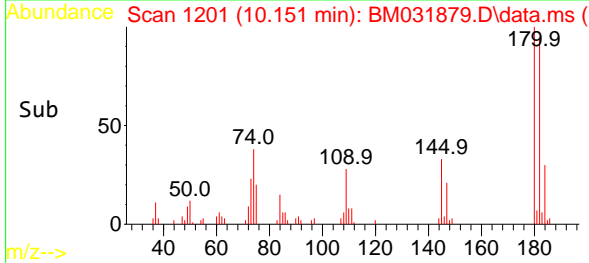
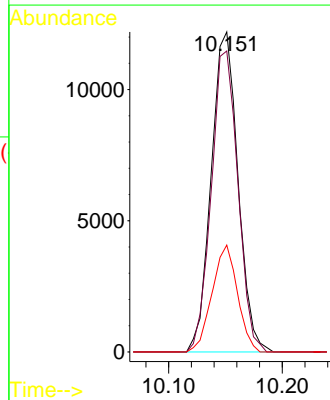
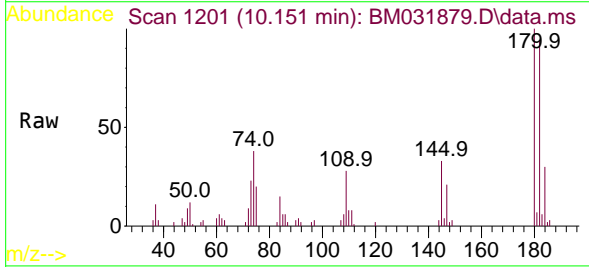
Instrument :
 BNA_M
 ClientSampled :
 LOD-MDL-SOIL-01-QT2-2021

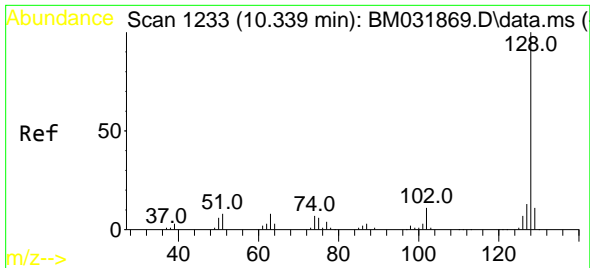
Tgt Ion:162 Resp: 16910
 Ion Ratio Lower Upper
 162 100
 164 60.8 47.4 87.4
 98 34.0 18.9 58.9



#30
 1,2,4-Trichlorobenzene
 Concen: 7.749 ng
 RT: 10.151 min Scan# 1201
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

Tgt Ion:180 Resp: 19977
 Ion Ratio Lower Upper
 180 100
 182 94.0 75.5 113.3
 145 33.4 26.2 39.2

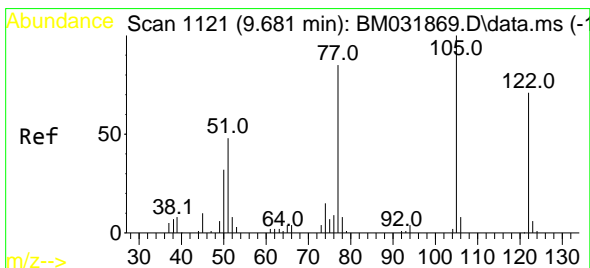
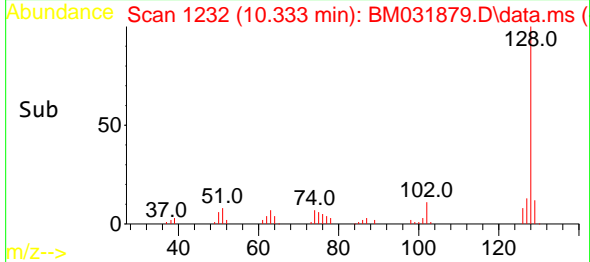
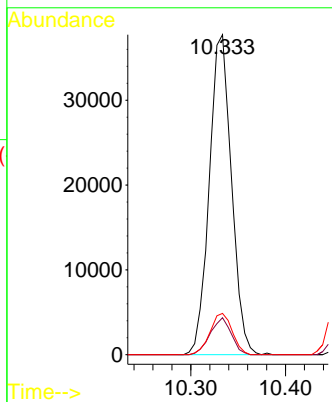
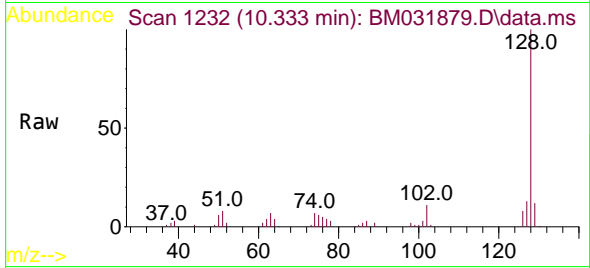




#31
 Naphthalene
 Concen: 7.299 ng
 RT: 10.333 min Scan# 1232
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

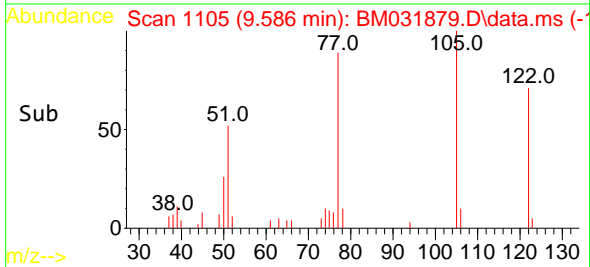
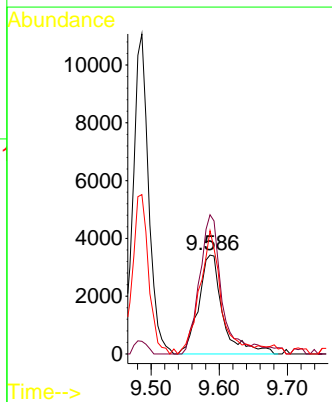
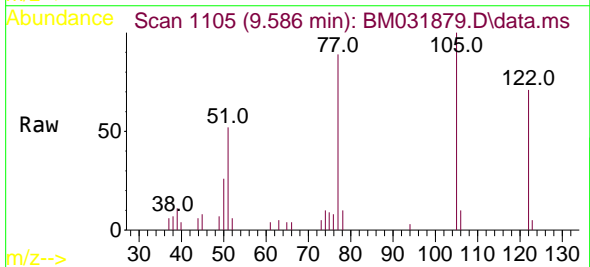
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

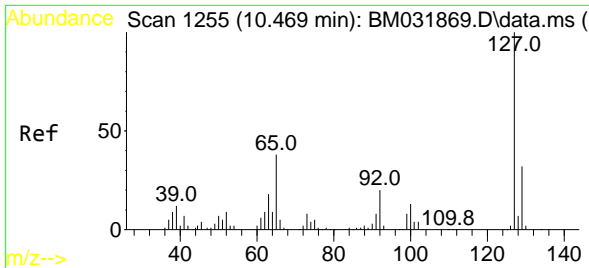
Tgt Ion:128 Resp: 61365
 Ion Ratio Lower Upper
 128 100
 129 11.5 8.6 13.0
 127 12.9 10.4 15.6



#32
 Benzoic acid
 Concen: 4.665 ng
 RT: 9.586 min Scan# 1105
 Delta R.T. -0.094 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

Tgt Ion:122 Resp: 8472
 Ion Ratio Lower Upper
 122 100
 105 140.8 120.3 160.3
 77 124.7 100.0 140.0



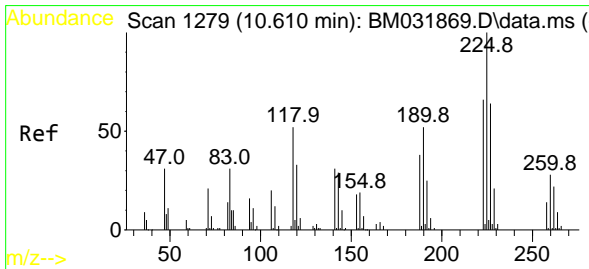
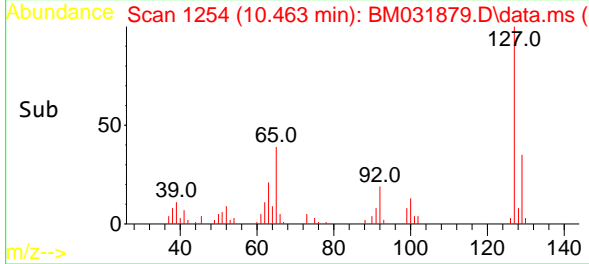
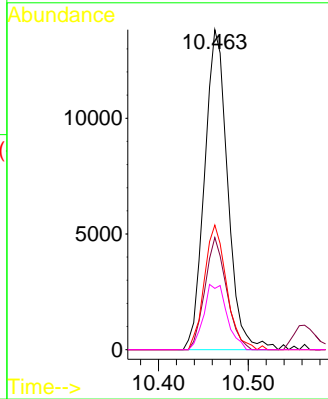
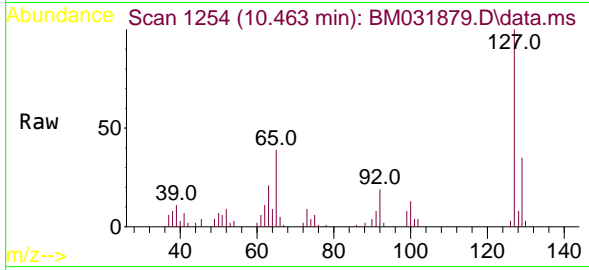


#33
 4-Chloroaniline
 Concen: 7.416 ng
 RT: 10.463 min Scan# 1254
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

Tgt Ion:127 Resp: 24758

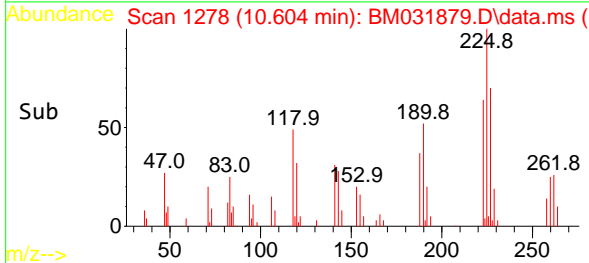
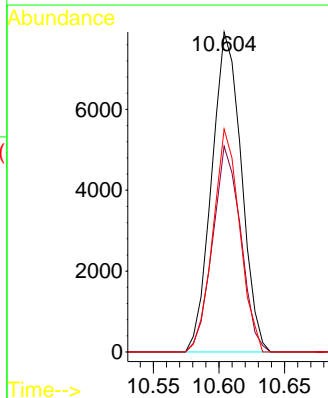
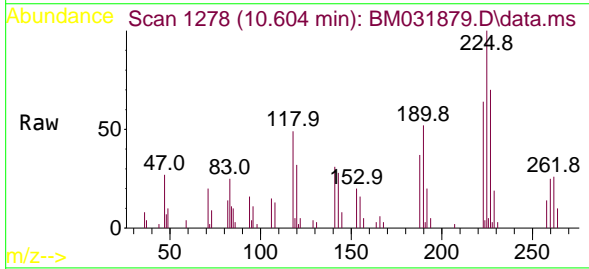
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100 | | |
| 129 | 35.1 | 25.6 | 38.4 |
| 65 | 38.9 | 30.4 | 45.6 |
| 92 | 19.1 | 16.2 | 24.4 |

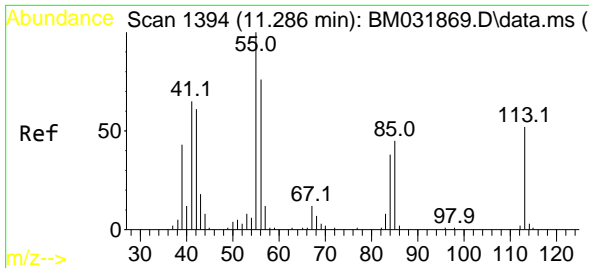


#34
 Hexachlorobutadiene
 Concen: 7.706 ng
 RT: 10.604 min Scan# 1278
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

Tgt Ion:225 Resp: 12417

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100 | | |
| 223 | 64.9 | 52.6 | 78.8 |
| 227 | 66.5 | 51.2 | 76.8 |

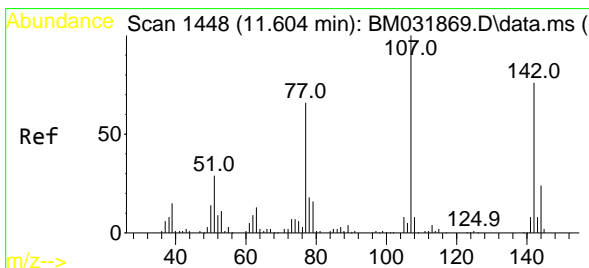
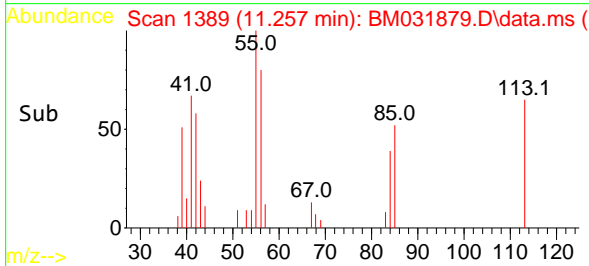
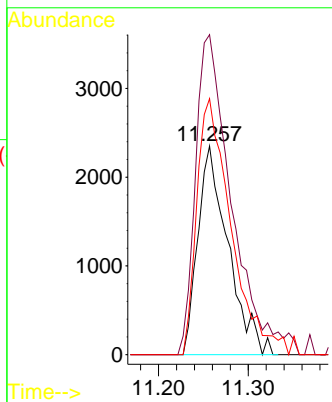
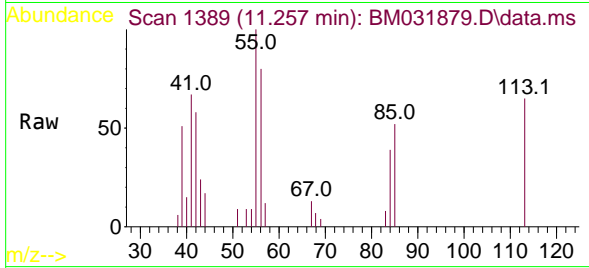




#35
 Caprolactam
 Concen: 7.153 ng
 RT: 11.257 min Scan# 1389
 Delta R.T. -0.029 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

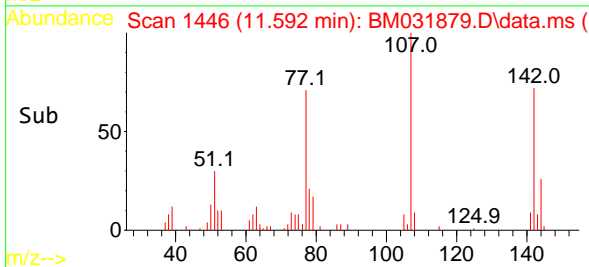
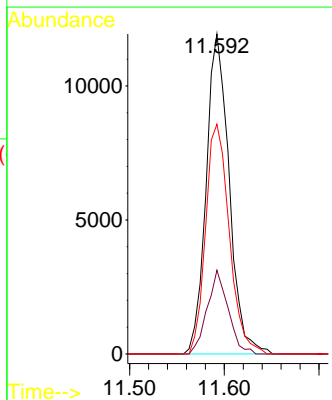
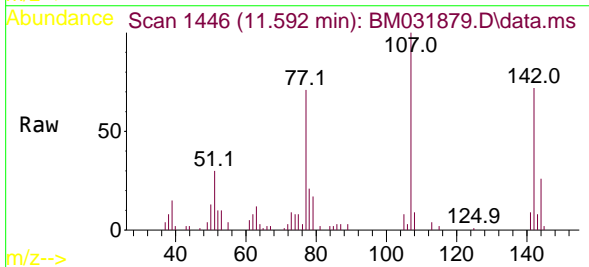
Instrument :
 BNA_M
 ClientSampled :
 LOD-MDL-SOIL-01-QT2-2021

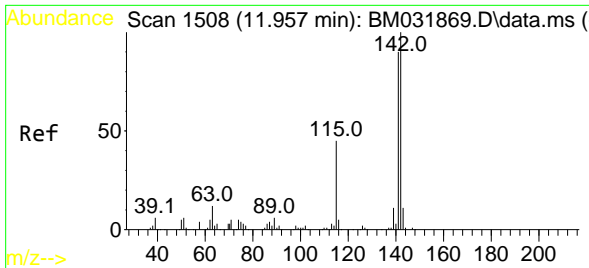
Tgt Ion:113 Resp: 5496
 Ion Ratio Lower Upper
 113 100
 55 153.3 170.5 210.5#
 56 122.6 125.2 165.2#



#36
 4-Chloro-3-methylphenol
 Concen: 6.985 ng
 RT: 11.592 min Scan# 1446
 Delta R.T. -0.012 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

Tgt Ion:107 Resp: 20137
 Ion Ratio Lower Upper
 107 100
 144 26.1 19.3 28.9
 142 71.8 60.5 90.7

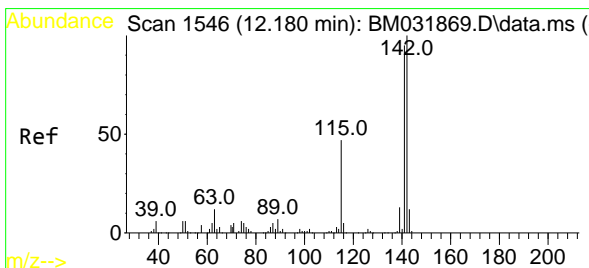
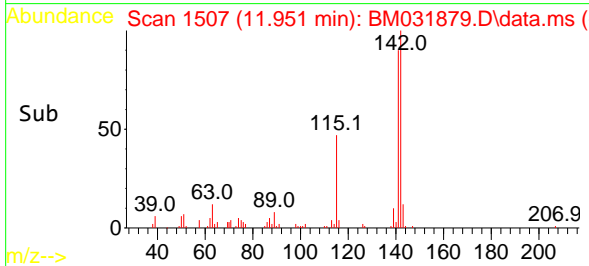
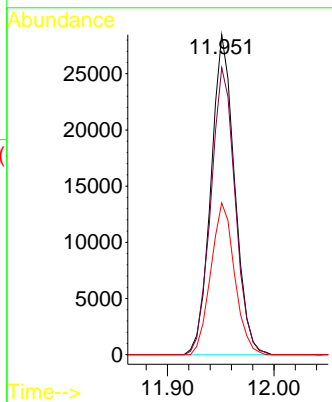
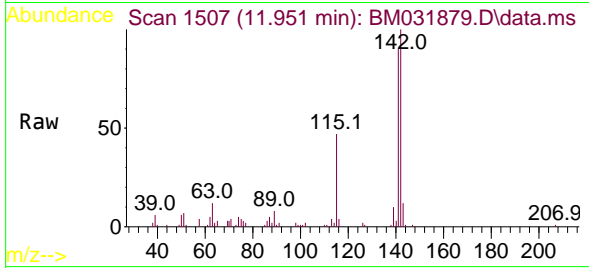




#37
 2-Methylnaphthalene
 Concen: 7.235 ng
 RT: 11.951 min Scan# 1507
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

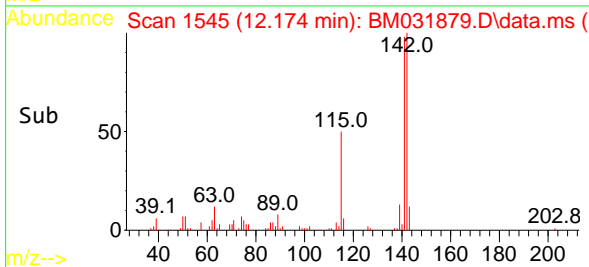
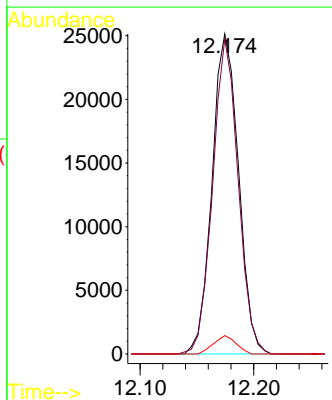
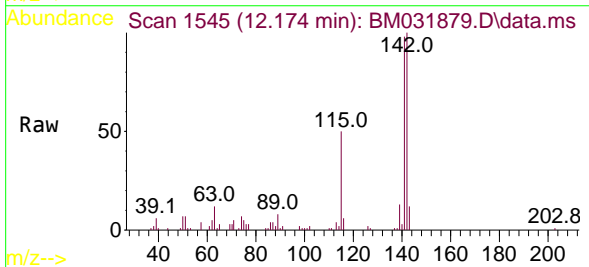
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

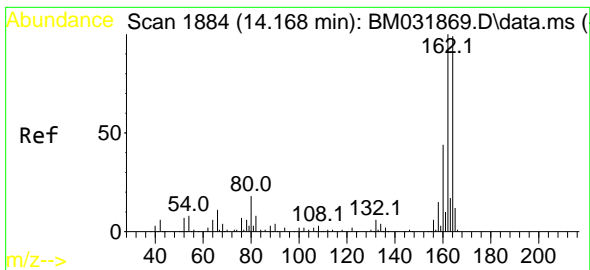
Tgt Ion:142 Resp: 43851
 Ion Ratio Lower Upper
 142 100
 141 89.7 71.8 107.6
 115 47.5 36.3 54.5



#38
 1-Methylnaphthalene
 Concen: 7.124 ng
 RT: 12.174 min Scan# 1545
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

Tgt Ion:142 Resp: 40650
 Ion Ratio Lower Upper
 142 100
 141 98.5 75.6 113.4
 116 5.7 4.0 6.0

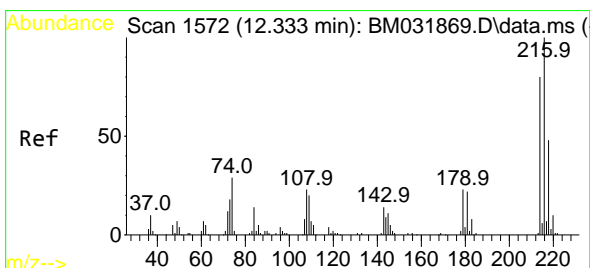
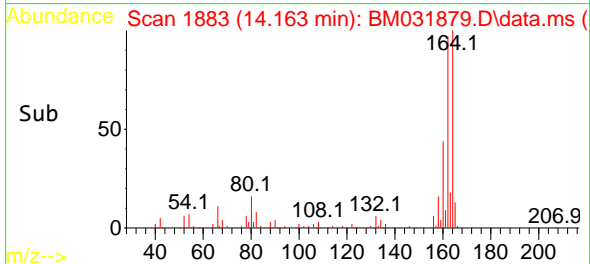
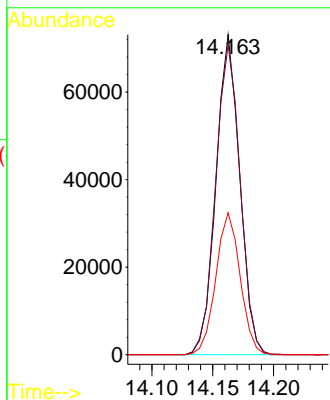
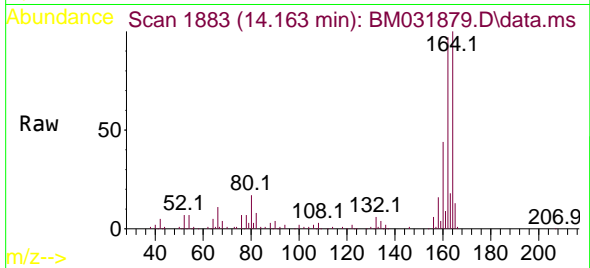




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.163 min Scan# 1883
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

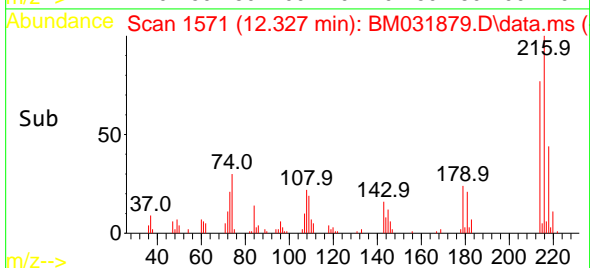
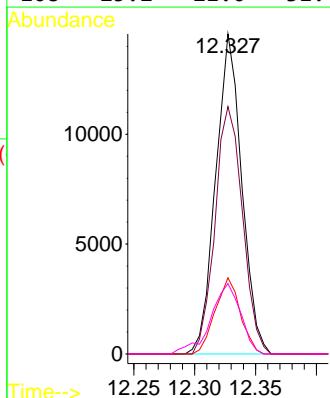
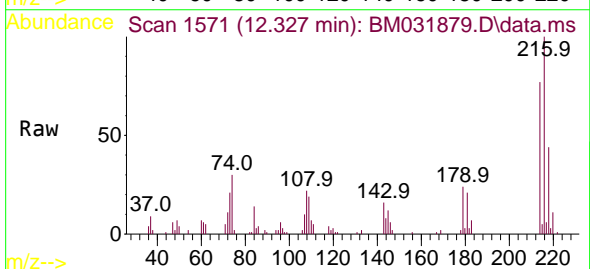
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

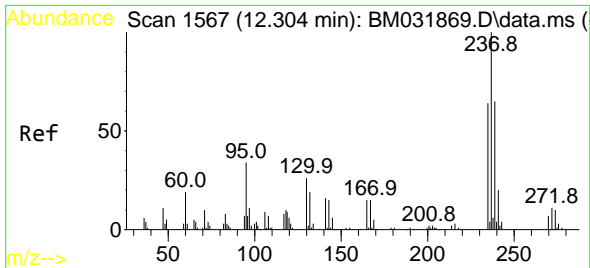
Tgt Ion:164 Resp: 99273
 Ion Ratio Lower Upper
 164 100
 162 96.7 80.6 121.0
 160 44.4 35.1 52.7



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 7.607 ng
 RT: 12.327 min Scan# 1571
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

Tgt Ion:216 Resp: 21704
 Ion Ratio Lower Upper
 216 100
 214 81.3 62.5 93.7
 179 23.0 18.7 28.1
 108 25.2 21.0 31.4

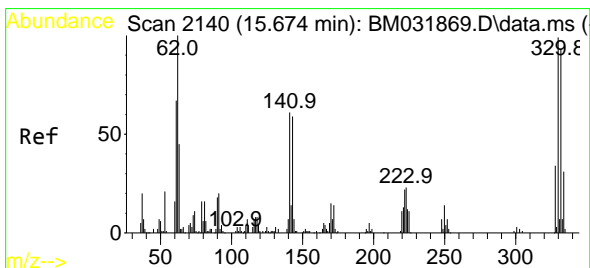
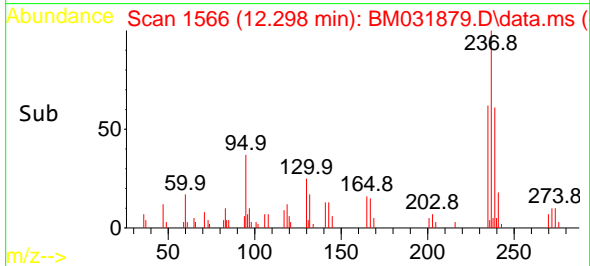
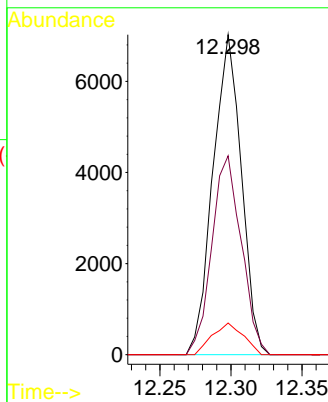
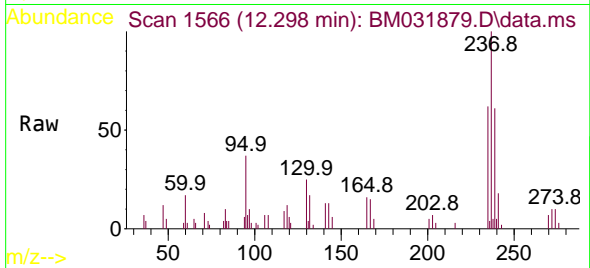




#41
 Hexachlorocyclopentadiene
 Concen: 7.057 ng
 RT: 12.298 min Scan# 1566
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

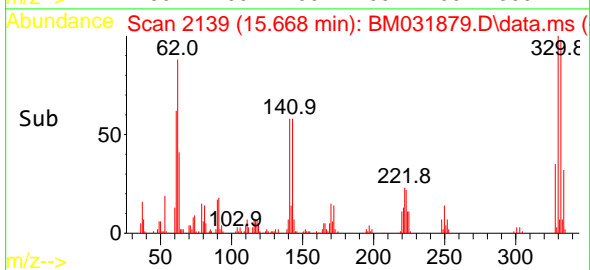
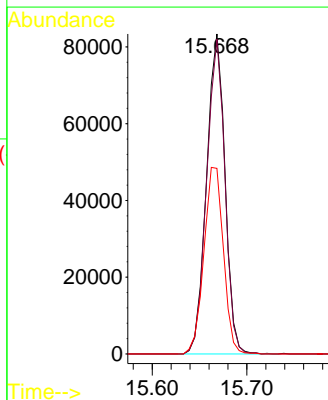
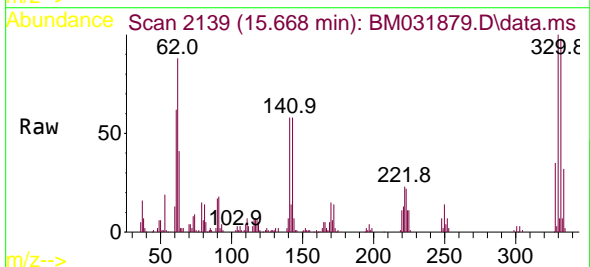
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

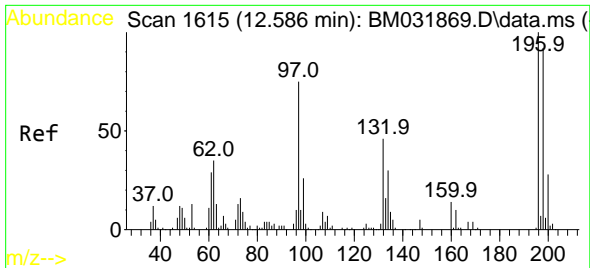
Tgt Ion:237 Resp: 9765
 Ion Ratio Lower Upper
 237 100
 235 62.2 44.4 84.4
 272 9.9 0.0 31.4



#42
 2,4,6-Tribromophenol
 Concen: 103.202 ng
 RT: 15.668 min Scan# 2139
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

Tgt Ion:330 Resp: 112892
 Ion Ratio Lower Upper
 330 100
 332 97.1 75.7 113.5
 141 61.6 50.7 76.1

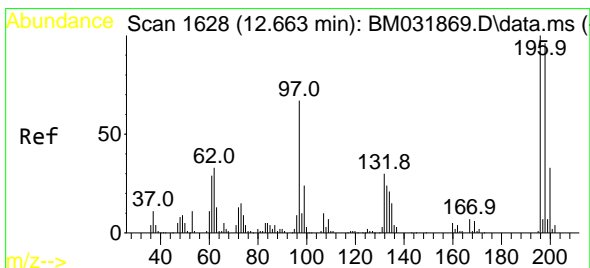
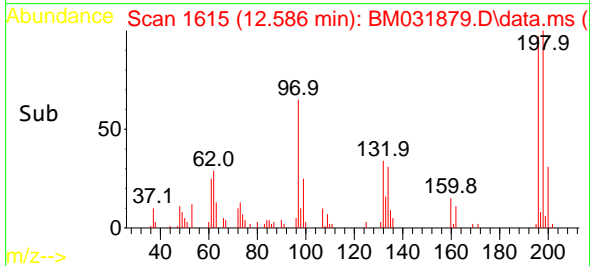
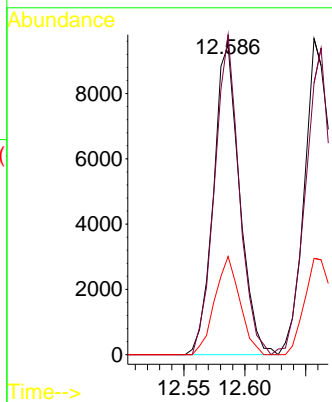
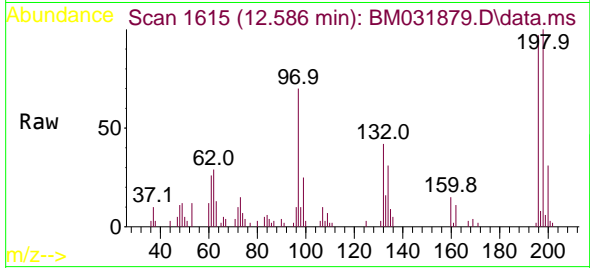




#43
 2,4,6-Trichlorophenol
 Concen: 6.728 ng
 RT: 12.586 min Scan# 1615
 Delta R.T. 0.000 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

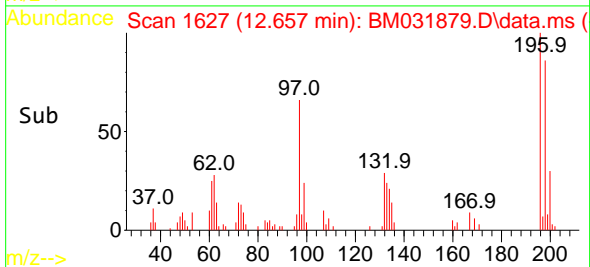
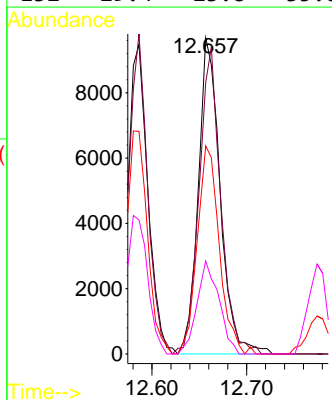
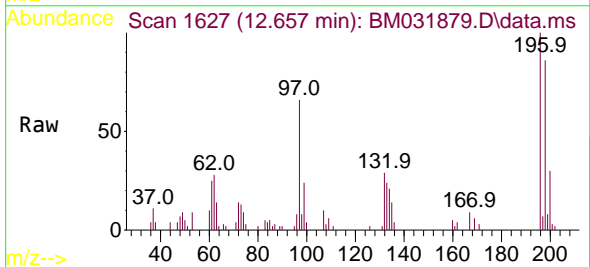
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

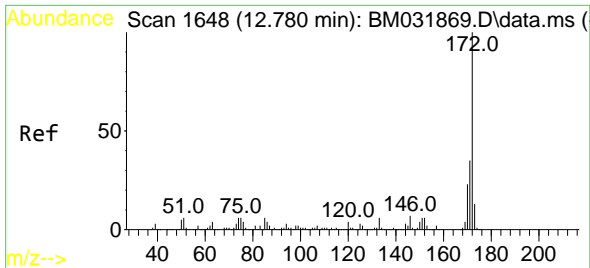
Tgt Ion:196 Resp: 14170
 Ion Ratio Lower Upper
 196 100
 198 103.3 73.6 110.4
 200 31.7 22.1 33.1



#44
 2,4,5-Trichlorophenol
 Concen: 6.931 ng
 RT: 12.657 min Scan# 1627
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

Tgt Ion:196 Resp: 15572
 Ion Ratio Lower Upper
 196 100
 198 85.9 77.0 115.4
 97 65.8 53.9 80.9
 132 29.4 23.8 35.8

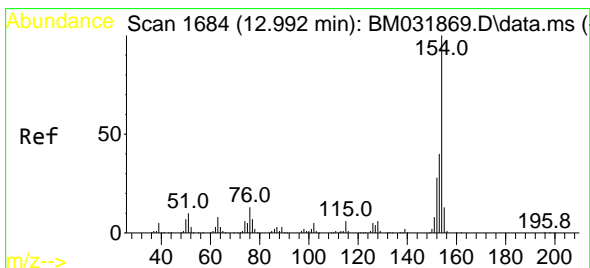
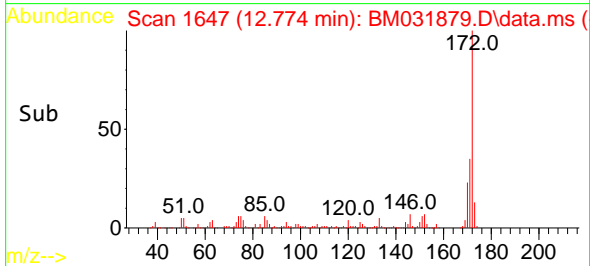
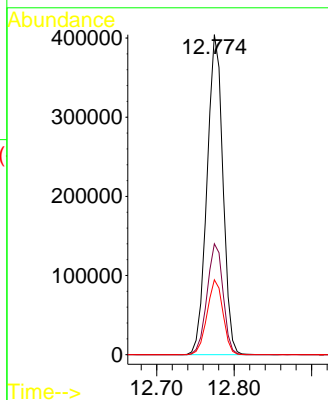
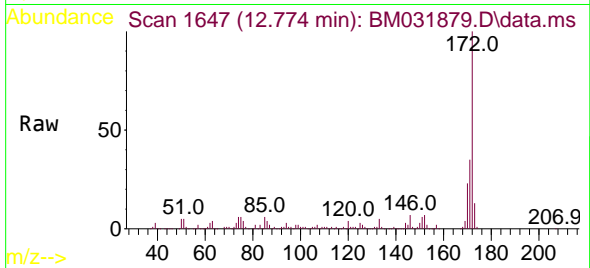




#45
 2-Fluorobiphenyl
 Concen: 74.603 ng
 RT: 12.774 min Scan# 1647
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

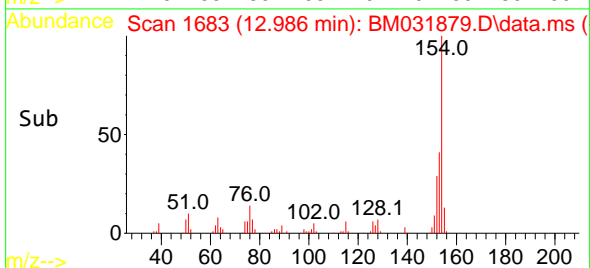
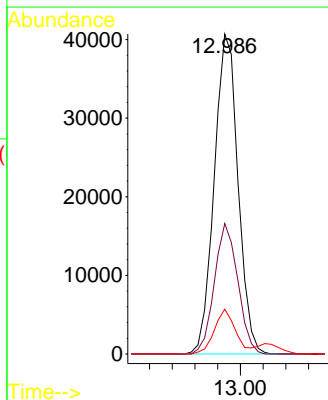
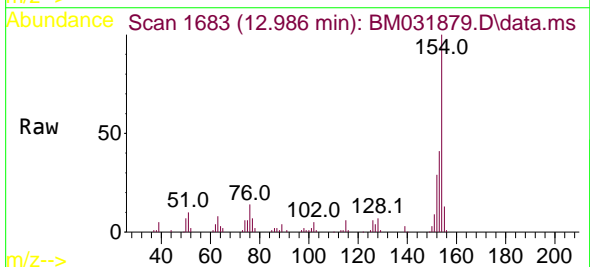
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

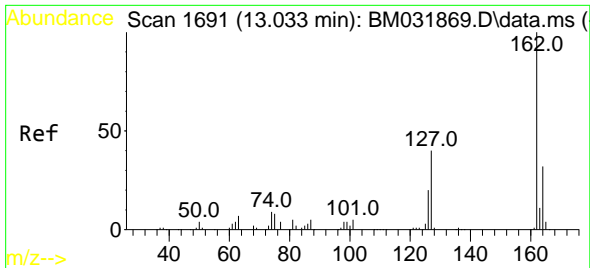
Tgt Ion:172 Resp: 575613
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.1 42.1
 170 23.4 18.6 27.8



#46
 1,1'-Biphenyl
 Concen: 7.384 ng
 RT: 12.986 min Scan# 1683
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

Tgt Ion:154 Resp: 59127
 Ion Ratio Lower Upper
 154 100
 153 40.7 20.3 60.3
 76 14.0 0.0 33.5

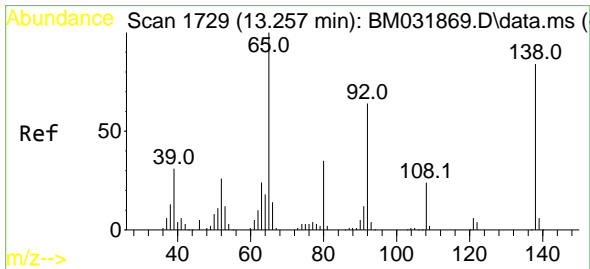
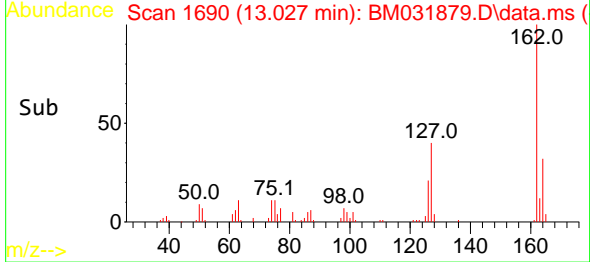
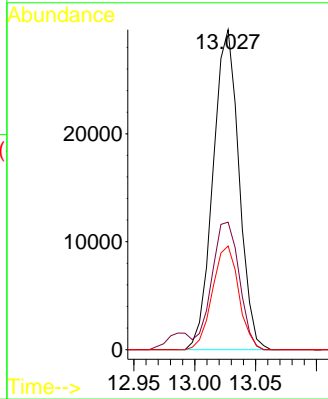
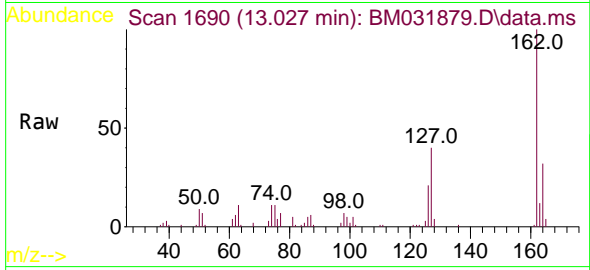




#47
 2-Chloronaphthalene
 Concen: 7.075 ng
 RT: 13.027 min Scan# 1690
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

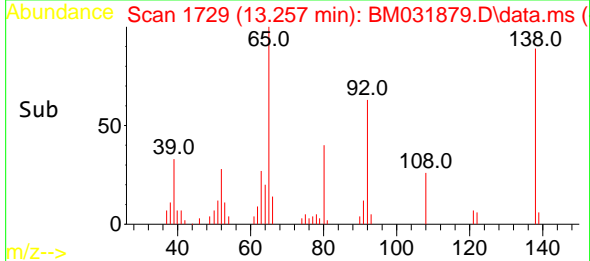
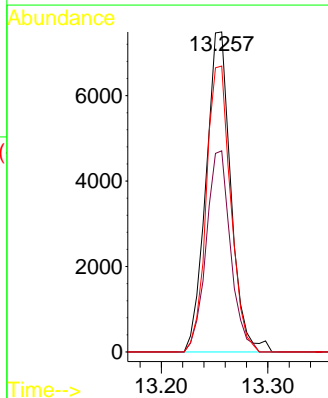
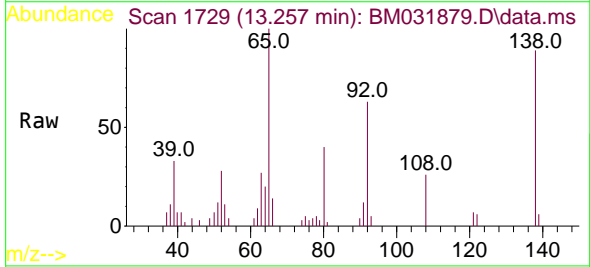
Instrument :
 BNA_M
 ClientSampled :
 LOD-MDL-SOIL-01-QT2-2021

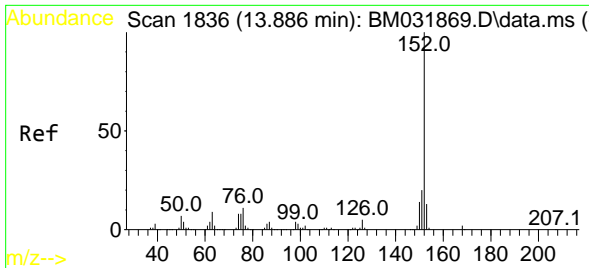
Tgt Ion:162 Resp: 43995
 Ion Ratio Lower Upper
 162 100
 127 39.9 33.2 49.8
 164 32.4 25.7 38.5



#48
 2-Nitroaniline
 Concen: 5.630 ng
 RT: 13.257 min Scan# 1729
 Delta R.T. -0.000 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

Tgt Ion: 65 Resp: 12182
 Ion Ratio Lower Upper
 65 100
 92 62.9 51.2 76.8
 138 89.3 66.8 100.2

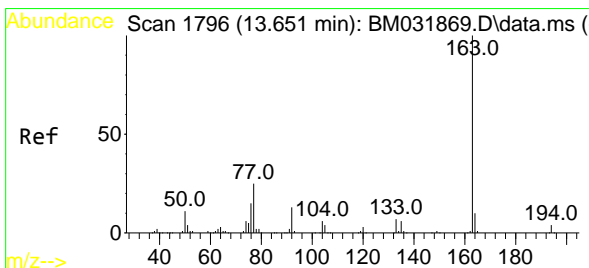
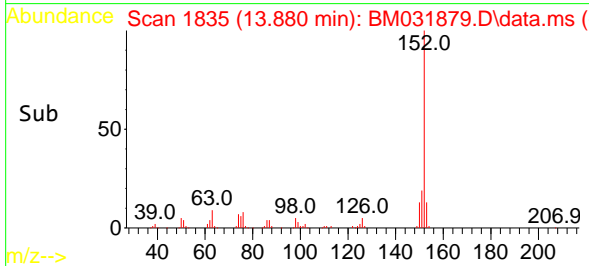
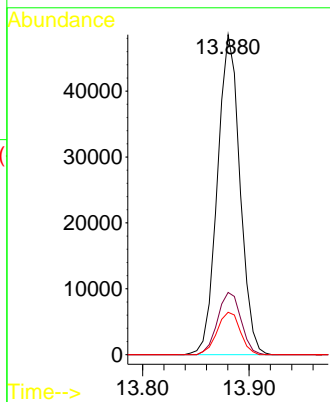
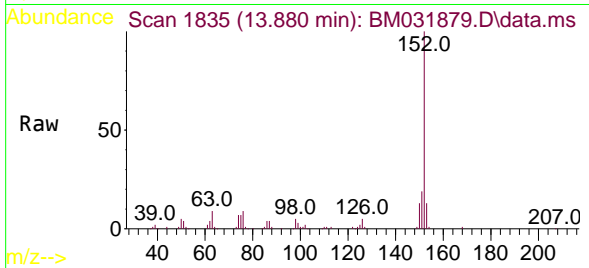




#49
 Acenaphthylene
 Concen: 7.063 ng
 RT: 13.880 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

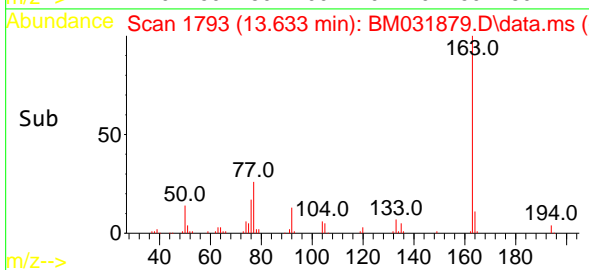
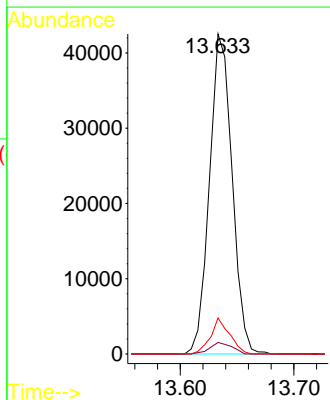
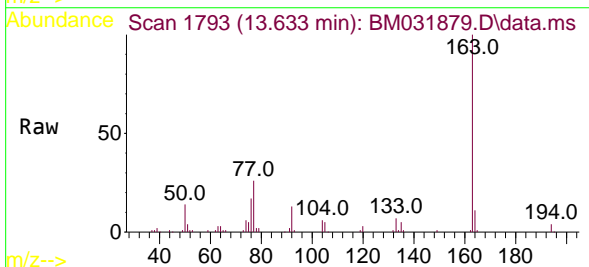
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

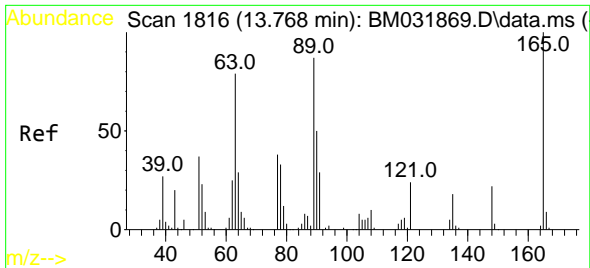
Tgt Ion:152 Resp: 71244
 Ion Ratio Lower Upper
 152 100
 151 19.4 15.7 23.5
 153 13.3 10.6 15.8



#50
 Dimethylphthalate
 Concen: 7.297 ng
 RT: 13.633 min Scan# 1793
 Delta R.T. -0.018 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

Tgt Ion:163 Resp: 58844
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.9 4.3
 164 11.2 8.0 12.0

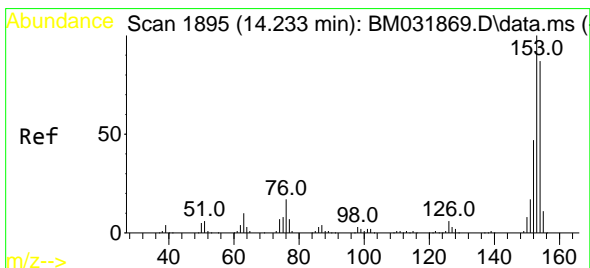
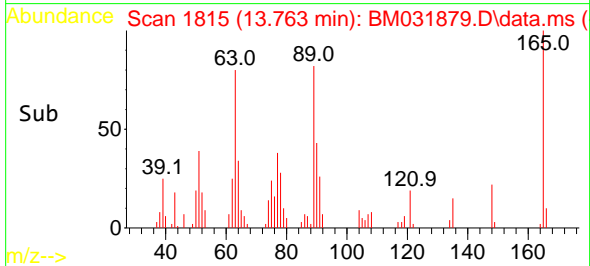
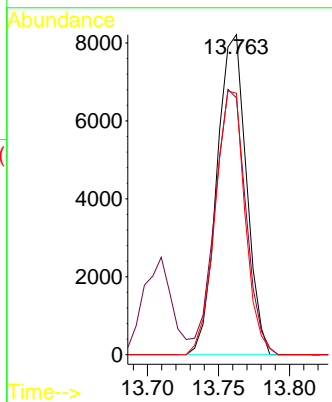
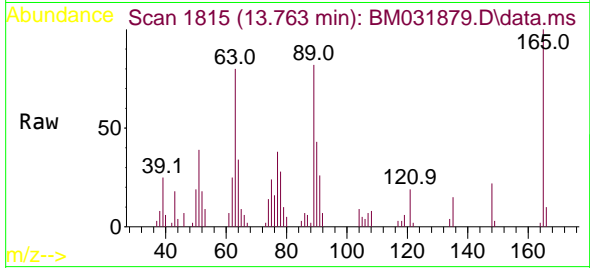




#51
 2,6-Dinitrotoluene
 Concen: 6.705 ng
 RT: 13.763 min Scan# 1815
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

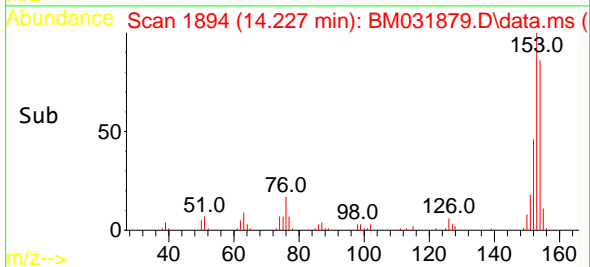
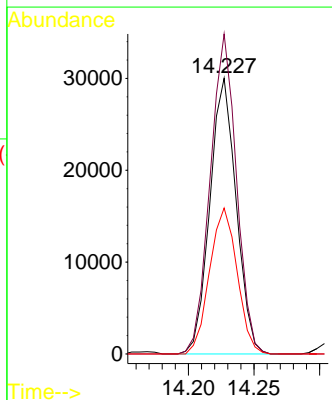
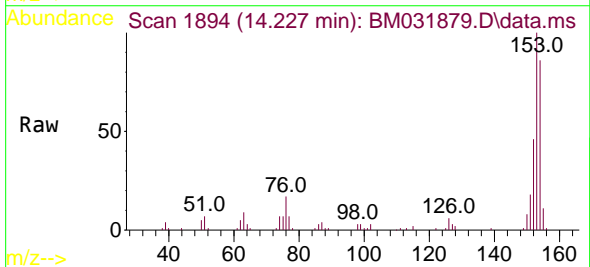
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

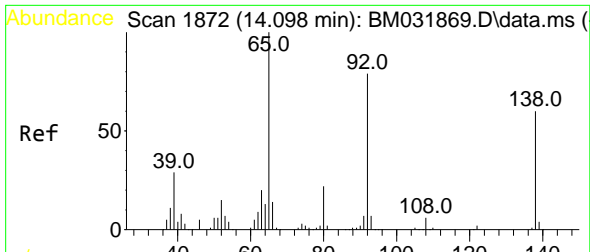
Tgt Ion:165 Resp: 11796
 Ion Ratio Lower Upper
 165 100
 63 80.2 72.4 108.6
 89 81.7 69.3 103.9



#52
 Acenaphthene
 Concen: 6.912 ng
 RT: 14.227 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

Tgt Ion:154 Resp: 41944
 Ion Ratio Lower Upper
 154 100
 153 116.1 92.4 138.6
 152 53.0 43.7 65.5

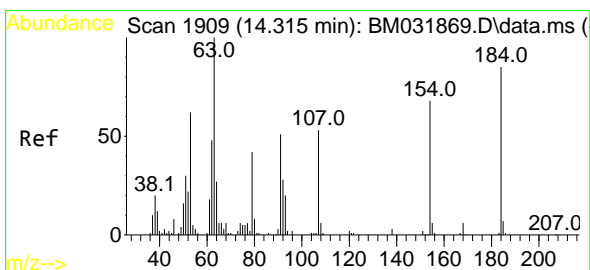
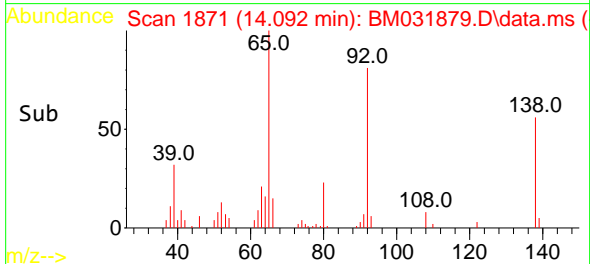
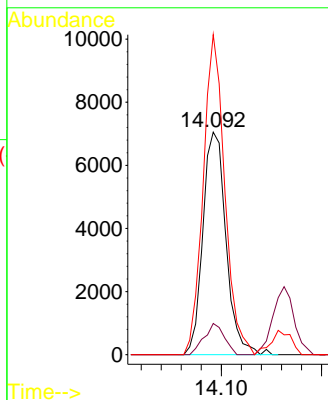
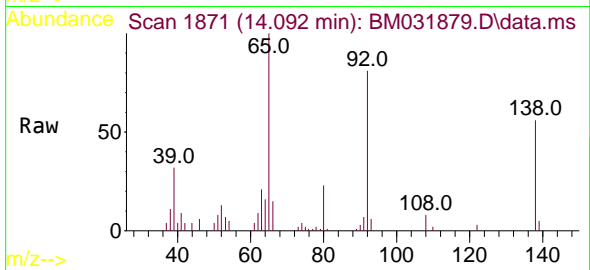




#53
 3-Nitroaniline
 Concen: 6.578 ng
 RT: 14.092 min Scan# 1871
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

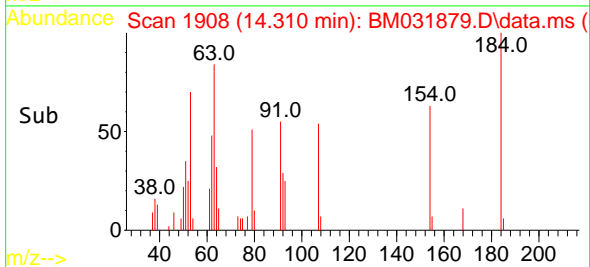
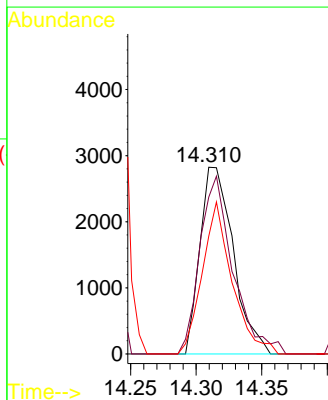
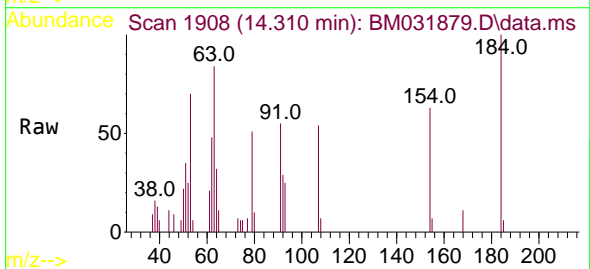
Instrument :
 BNA_M
 ClientSampled :
 LOD-MDL-SOIL-01-QT2-2021

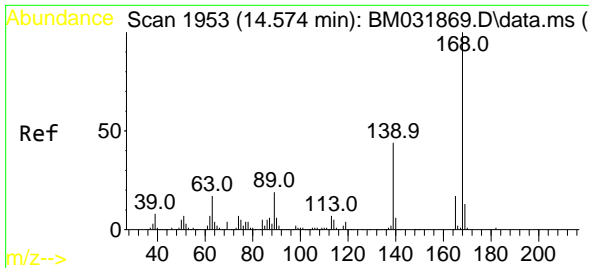
Tgt Ion:138 Resp: 11329
 Ion Ratio Lower Upper
 138 100
 108 14.0 8.3 12.5#
 92 143.8 105.2 157.8



#54
 2,4-Dinitrophenol
 Concen: 5.084 ng
 RT: 14.310 min Scan# 1908
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

Tgt Ion:184 Resp: 4995
 Ion Ratio Lower Upper
 184 100
 63 84.0 93.8 140.6#
 154 63.1 64.0 96.0#

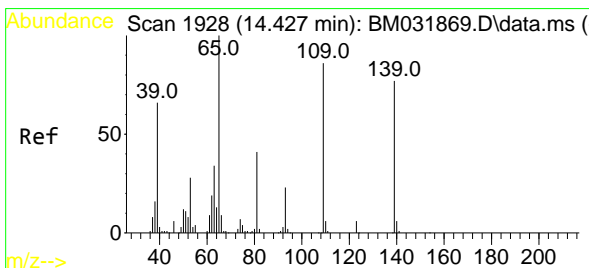
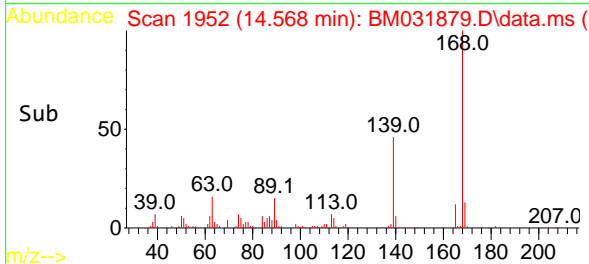
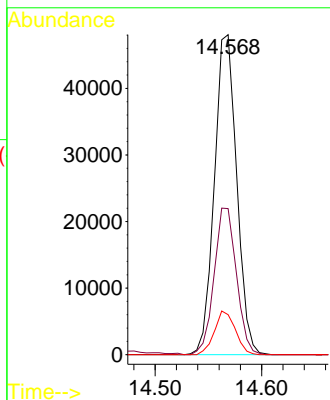
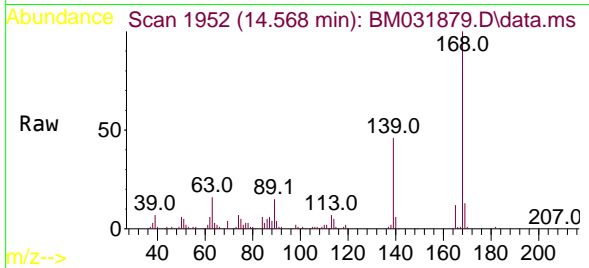




#55
 Dibenzofuran
 Concen: 6.953 ng
 RT: 14.568 min Scan# 1952
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

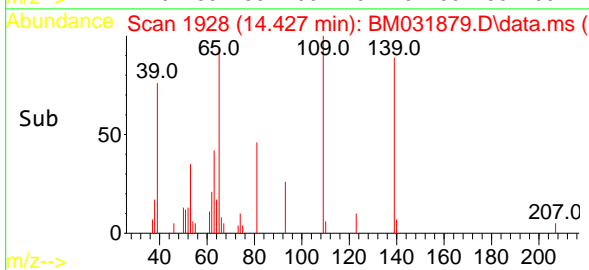
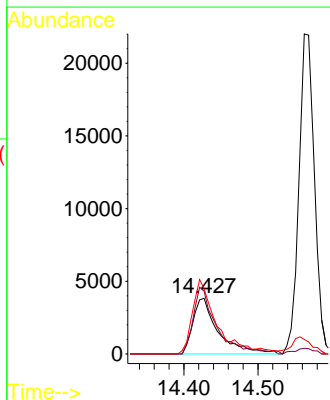
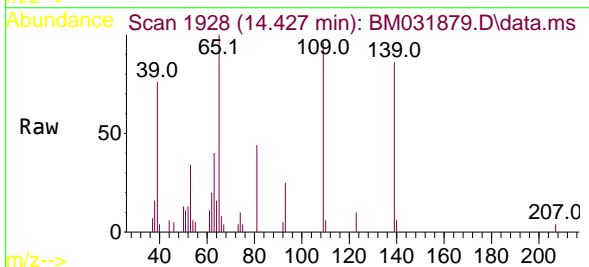
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

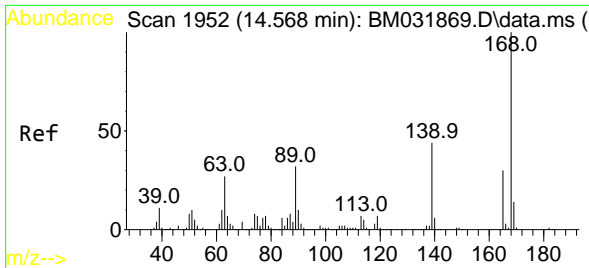
Tgt Ion:168 Resp: 69860
 Ion Ratio Lower Upper
 168 100
 139 45.7 35.0 52.4
 169 12.5 10.8 16.2



#56
 4-Nitrophenol
 Concen: 6.417 ng
 RT: 14.427 min Scan# 1928
 Delta R.T. -0.000 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

Tgt Ion:139 Resp: 9102
 Ion Ratio Lower Upper
 139 100
 109 112.5 92.3 132.3
 65 116.7 110.5 150.5

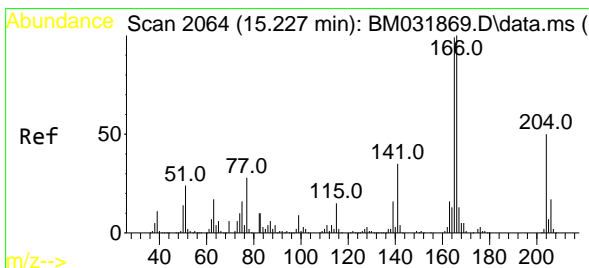
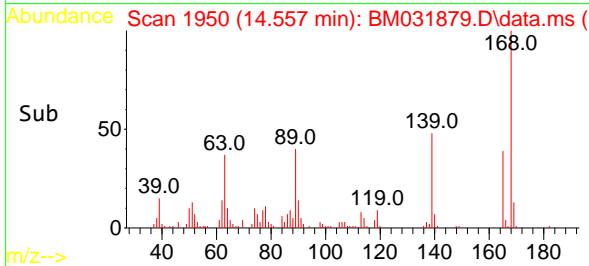
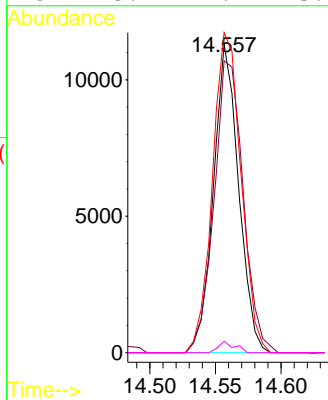
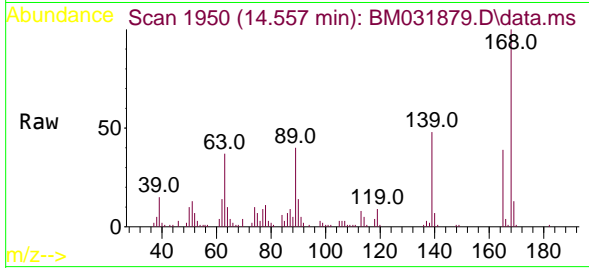




#57
 2,4-Dinitrotoluene
 Concen: 6.169 ng
 RT: 14.557 min Scan# 1950
 Delta R.T. -0.012 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

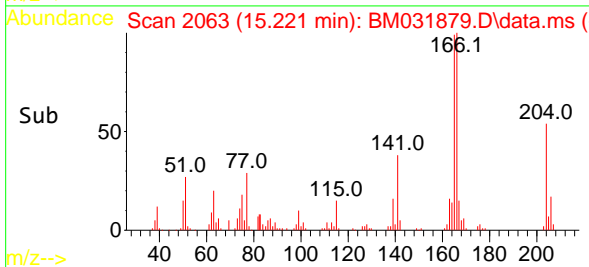
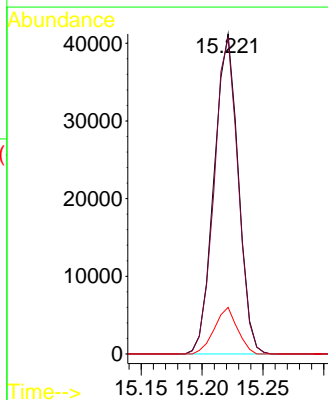
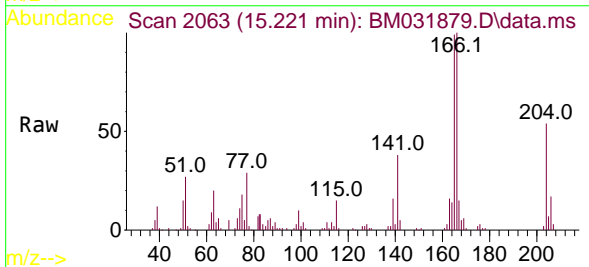
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

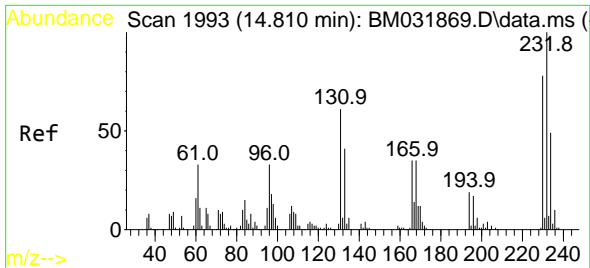
Tgt Ion:165 Resp: 15109
 Ion Ratio Lower Upper
 165 100
 63 94.7 70.3 105.5
 89 103.8 83.1 124.7
 182 3.7 2.2 3.4#



#58
 Fluorene
 Concen: 6.914 ng
 RT: 15.221 min Scan# 2063
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

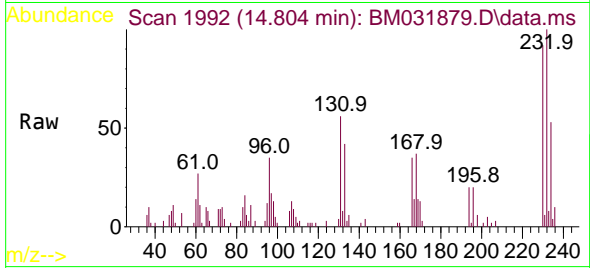
Tgt Ion:166 Resp: 56908
 Ion Ratio Lower Upper
 166 100
 165 98.7 79.3 118.9
 167 14.5 10.6 16.0



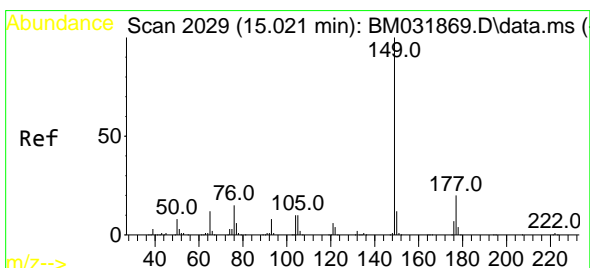
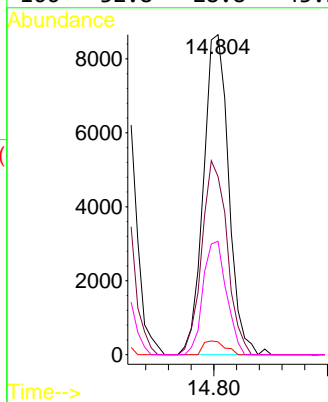
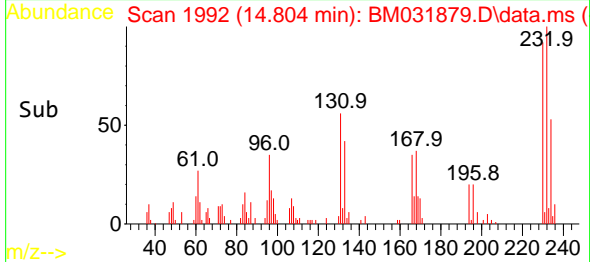


#59
 2,3,4,6-Tetrachlorophenol
 Concen: 6.943 ng
 RT: 14.804 min Scan# 1992
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

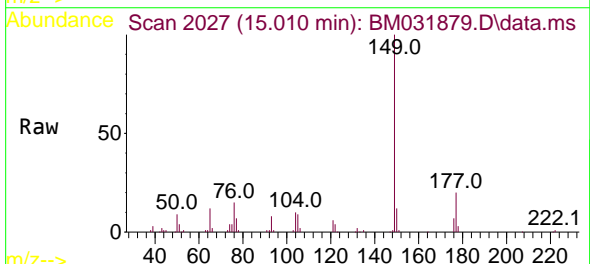
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021



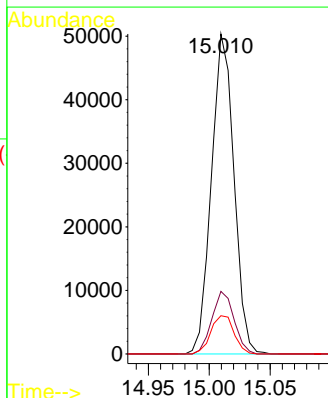
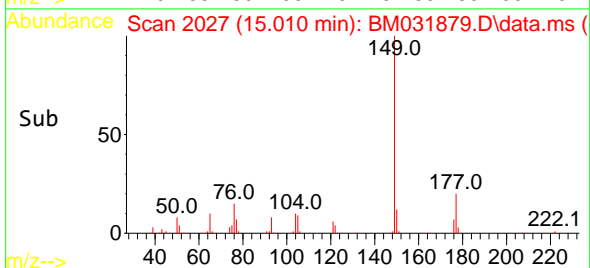
Tgt Ion:232 Resp: 13356
 Ion Ratio Lower Upper
 232 100
 131 60.7 50.6 75.8
 130 3.7 3.0 4.4
 166 32.8 28.8 43.2

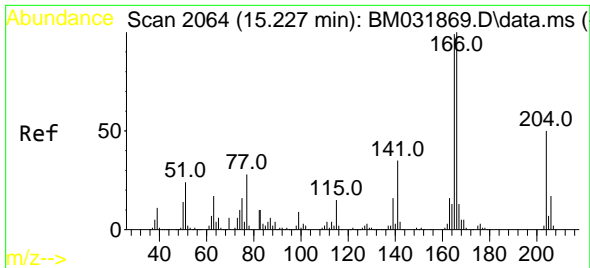


#60
 Diethylphthalate
 Concen: 7.377 ng
 RT: 15.010 min Scan# 2027
 Delta R.T. -0.012 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51



Tgt Ion:149 Resp: 64779
 Ion Ratio Lower Upper
 149 100
 177 19.5 15.7 23.5
 150 12.0 9.6 14.4

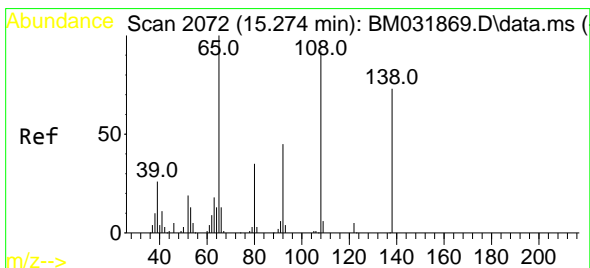
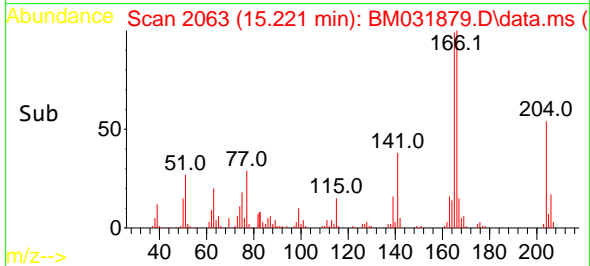
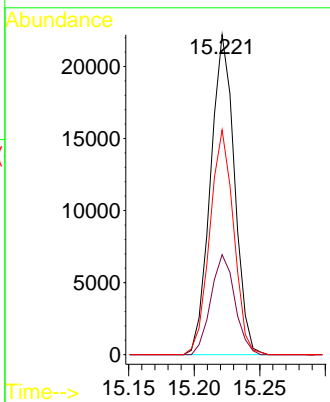
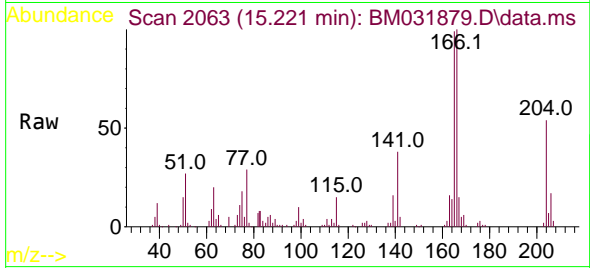




#61
 4-Chlorophenyl-phenylether
 Concen: 7.154 ng
 RT: 15.221 min Scan# 2063
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

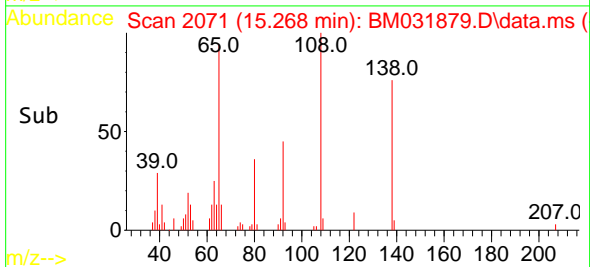
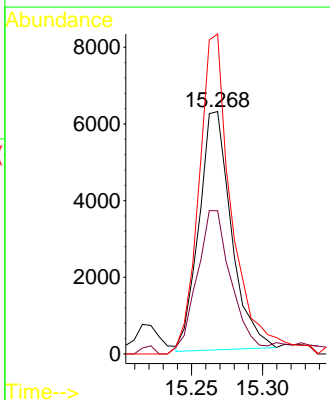
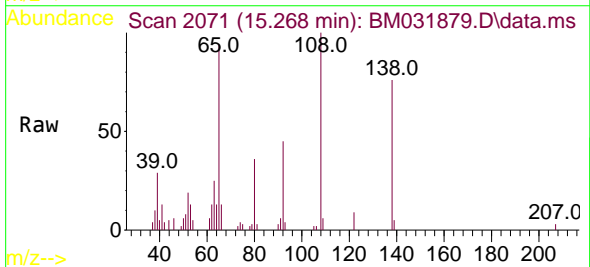
Instrument :
 BNA_M
 ClientSampled :
 LOD-MDL-SOIL-01-QT2-2021

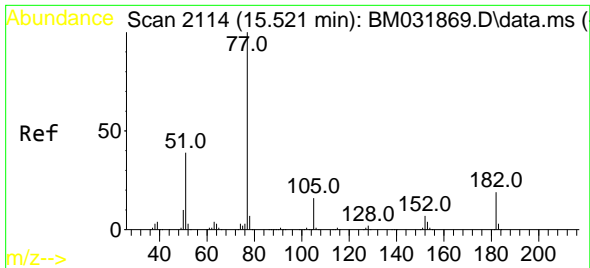
Tgt Ion:204 Resp: 28216
 Ion Ratio Lower Upper
 204 100
 206 31.3 26.7 40.1
 141 70.3 55.8 83.8



#62
 4-Nitroaniline
 Concen: 6.027 ng
 RT: 15.268 min Scan# 2071
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

Tgt Ion:138 Resp: 9874
 Ion Ratio Lower Upper
 138 100
 92 59.1 40.6 80.6
 108 132.0 103.8 143.8



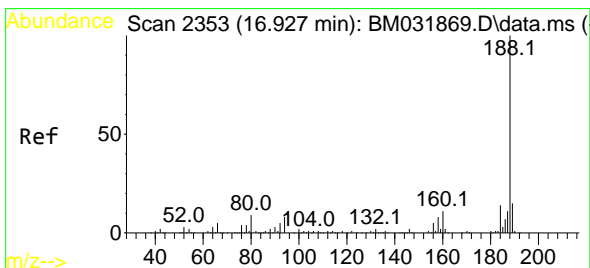
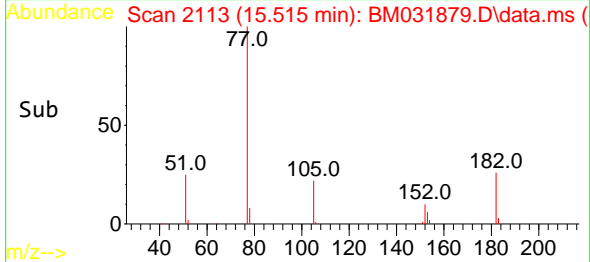
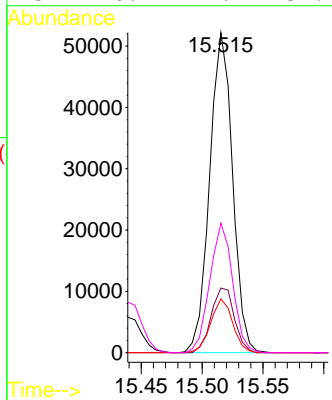
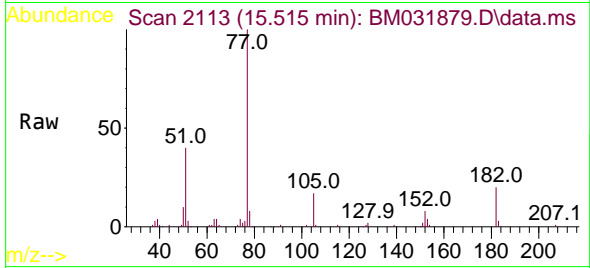


#63
 Azobenzene
 Concen: 6.755 ng
 RT: 15.515 min Scan# 2113
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

Tgt Ion: 77 Resp: 68383

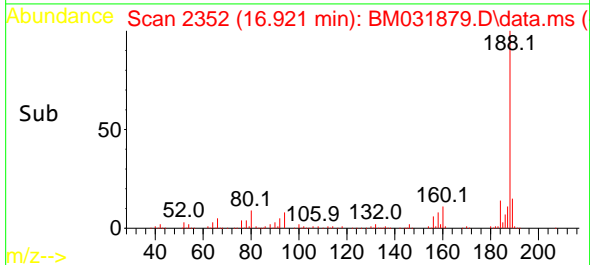
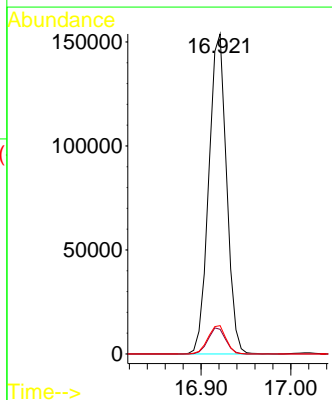
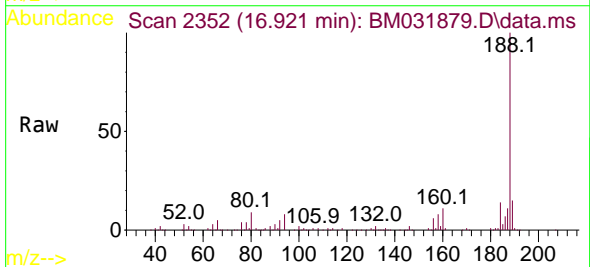
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77 | 100 | | |
| 182 | 20.2 | 0.0 | 39.3 |
| 105 | 16.8 | 0.0 | 36.1 |
| 51 | 40.4 | 19.1 | 59.1 |

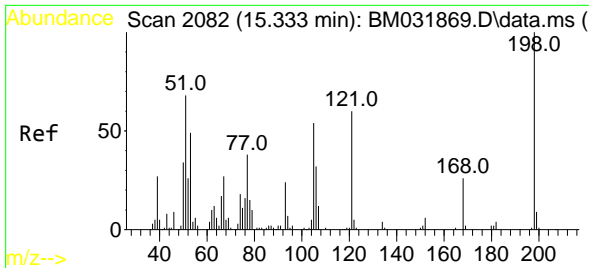


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 16.921 min Scan# 2352
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

Tgt Ion: 188 Resp: 211639

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100 | | |
| 94 | 7.7 | 6.3 | 9.5 |
| 80 | 8.9 | 7.3 | 10.9 |

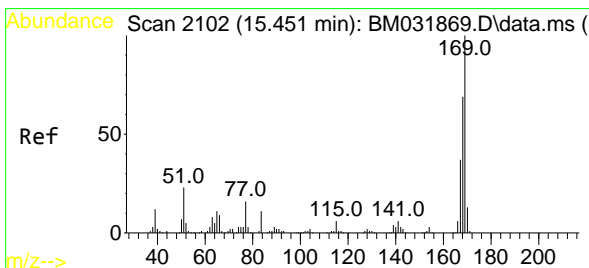
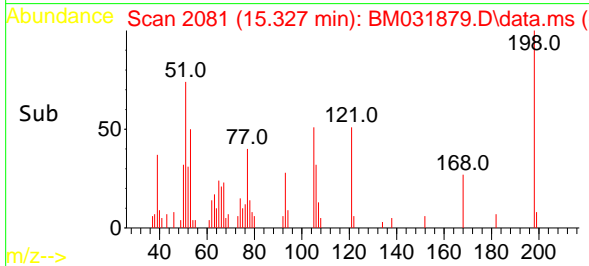
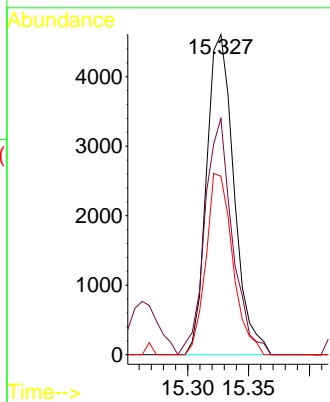
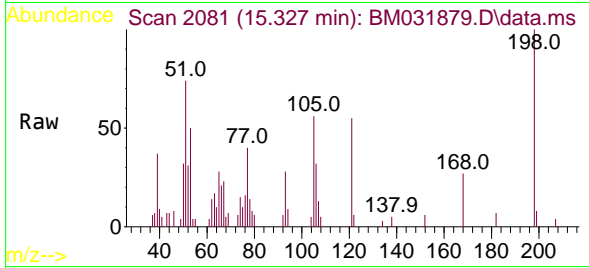




#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.903 ng
 RT: 15.327 min Scan# 2081
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

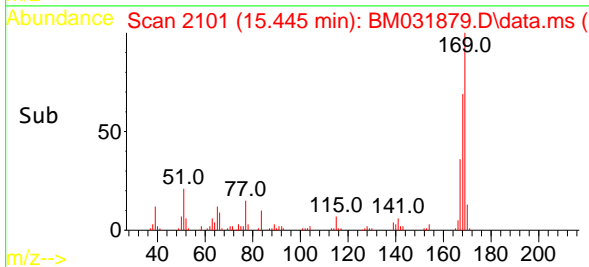
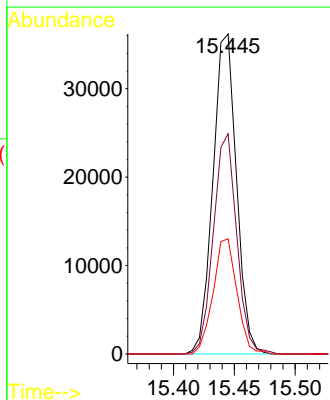
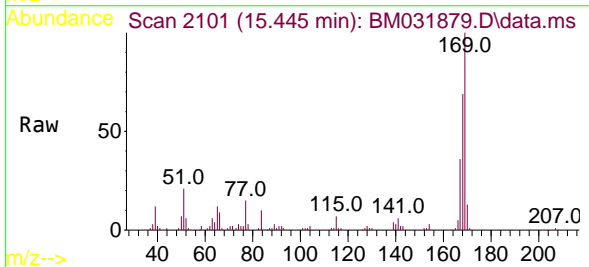
Instrument :
 BNA_M
 ClientSampled :
 LOD-MDL-SOIL-01-QT2-2021

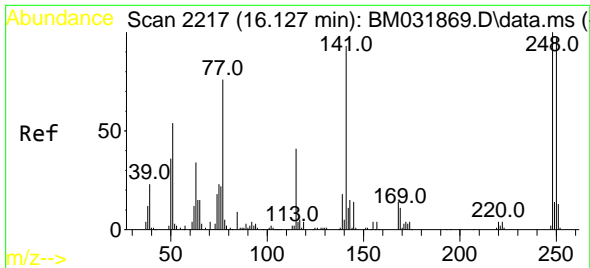
Tgt Ion:198 Resp: 7227
 Ion Ratio Lower Upper
 198 100
 51 73.8 49.7 89.7
 105 55.8 34.9 74.9



#66
 n-Nitrosodiphenylamine
 Concen: 6.820 ng
 RT: 15.445 min Scan# 2101
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

Tgt Ion:169 Resp: 48739
 Ion Ratio Lower Upper
 169 100
 168 68.8 55.0 82.4
 167 36.0 29.8 44.8

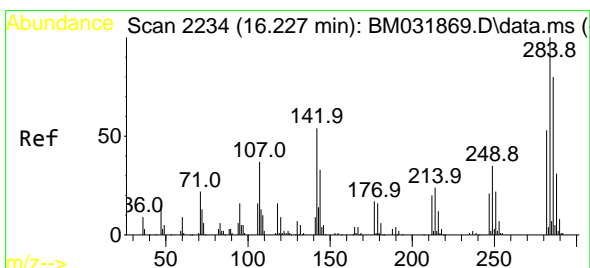
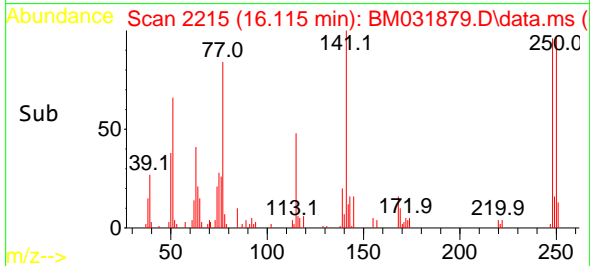
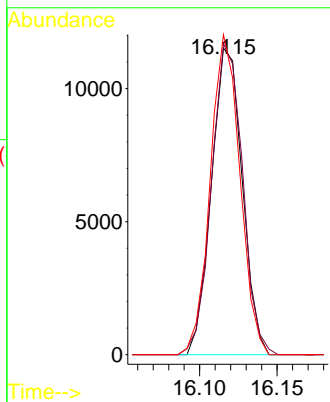
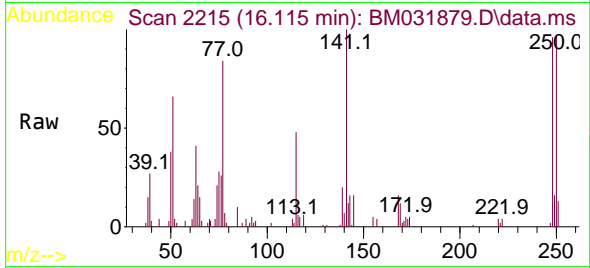




#67
 4-Bromophenyl-phenylether
 Concen: 6.916 ng
 RT: 16.115 min Scan# 2215
 Delta R.T. -0.012 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

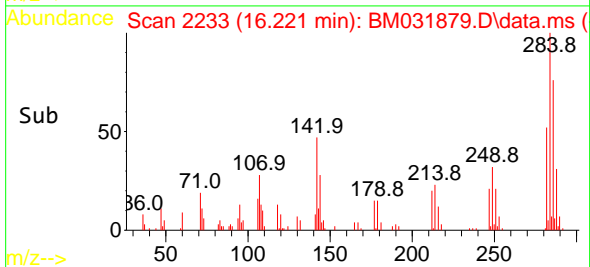
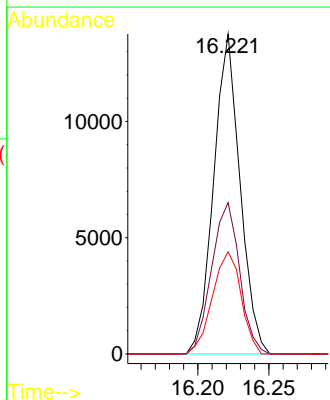
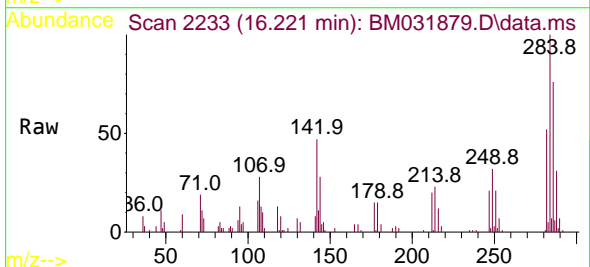
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

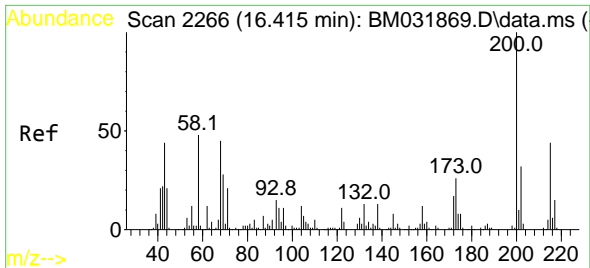
Tgt Ion:248 Resp: 15897
 Ion Ratio Lower Upper
 248 100
 250 101.4 77.4 116.2
 141 104.3 74.1 111.1



#68
 Hexachlorobenzene
 Concen: 7.295 ng
 RT: 16.221 min Scan# 2233
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

Tgt Ion:284 Resp: 17745
 Ion Ratio Lower Upper
 284 100
 142 47.3 43.0 64.6
 249 31.9 27.6 41.4

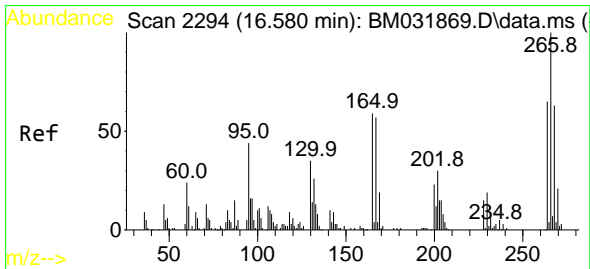
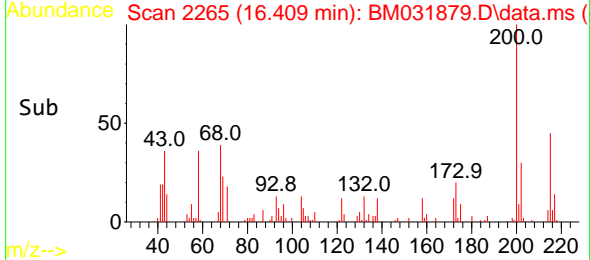
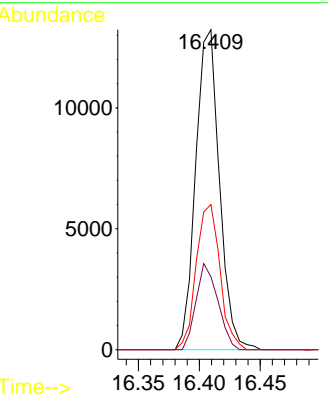
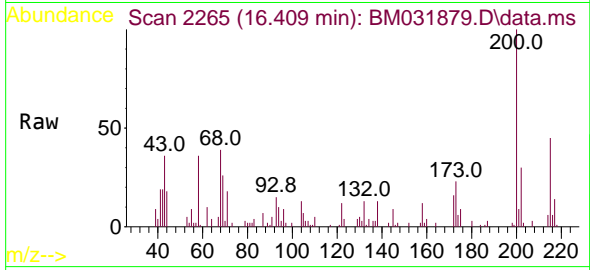




#69
 Atrazine
 Concen: 7.534 ng
 RT: 16.409 min Scan# 2265
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

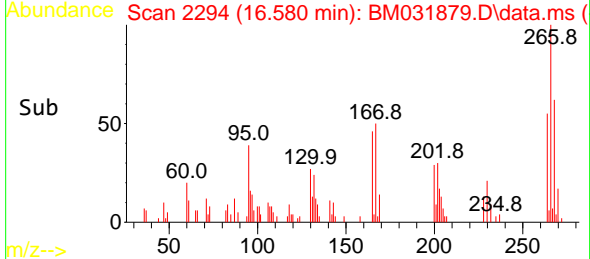
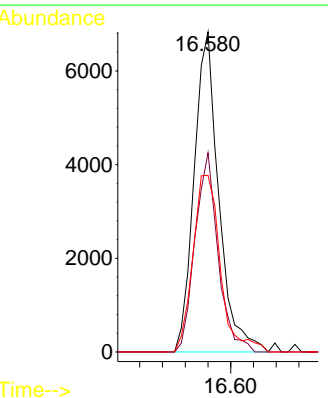
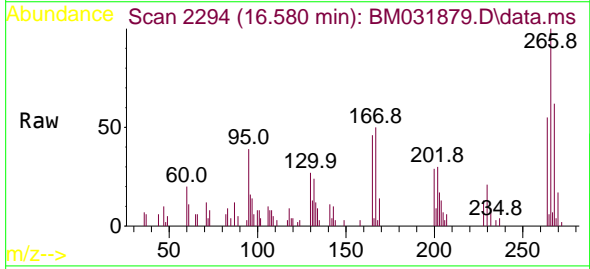
Instrument :
 BNA_M
 ClientSampled :
 LOD-MDL-SOIL-01-QT2-2021

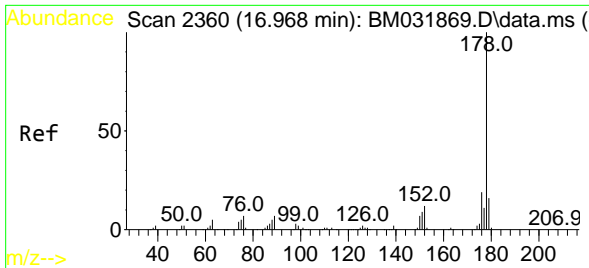
Tgt Ion:200 Resp: 17997
 Ion Ratio Lower Upper
 200 100
 173 22.8 5.8 45.8
 215 45.4 23.6 63.6



#70
 Pentachlorophenol
 Concen: 6.460 ng
 RT: 16.580 min Scan# 2294
 Delta R.T. -0.000 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

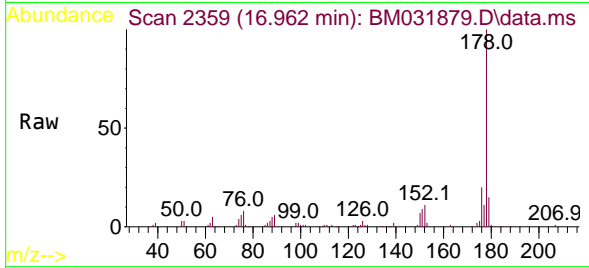
Tgt Ion:266 Resp: 10278
 Ion Ratio Lower Upper
 266 100
 268 62.3 50.3 75.5
 264 55.2 52.1 78.1



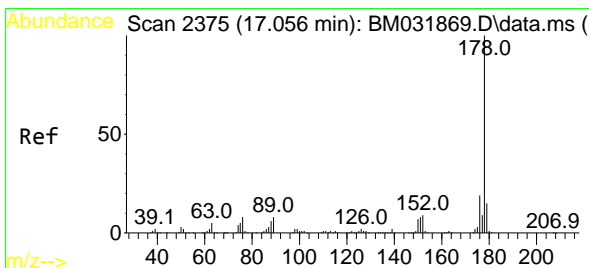
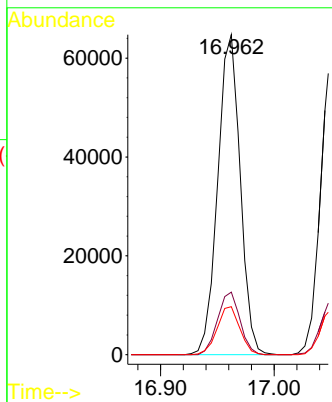
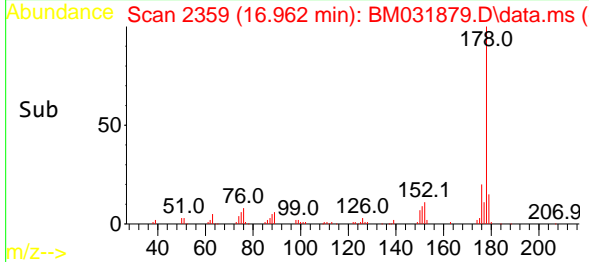


#71
 Phenanthrene
 Concen: 6.979 ng
 RT: 16.962 min Scan# 2359
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

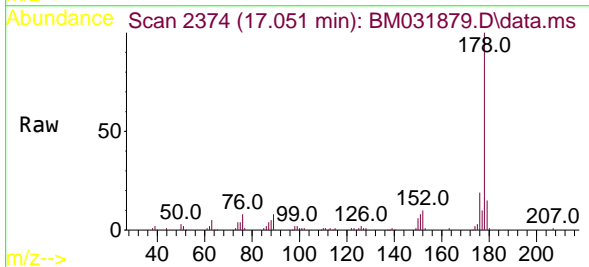
Instrument :
 BNA_M
 ClientSampled :
 LOD-MDL-SOIL-01-QT2-2021



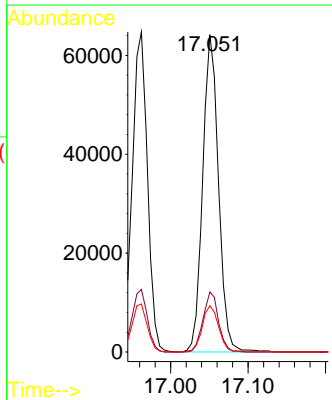
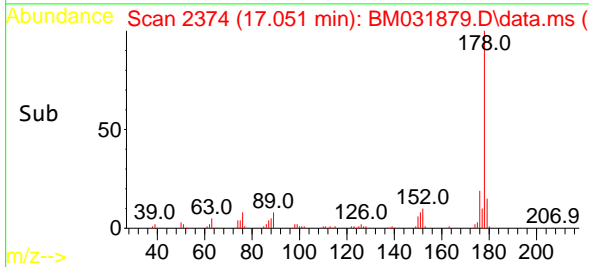
Tgt Ion:178 Resp: 88960
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.6 23.4
 179 15.0 12.4 18.6

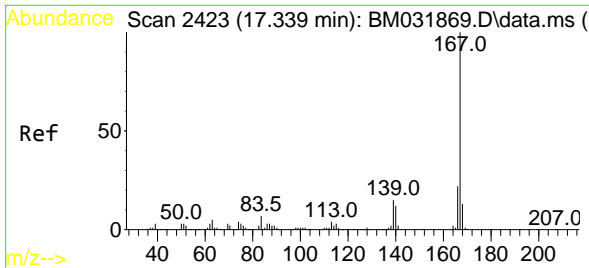


#72
 Anthracene
 Concen: 7.255 ng
 RT: 17.051 min Scan# 2374
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51



Tgt Ion:178 Resp: 90970
 Ion Ratio Lower Upper
 178 100
 176 18.9 14.8 22.2
 179 14.5 12.3 18.5

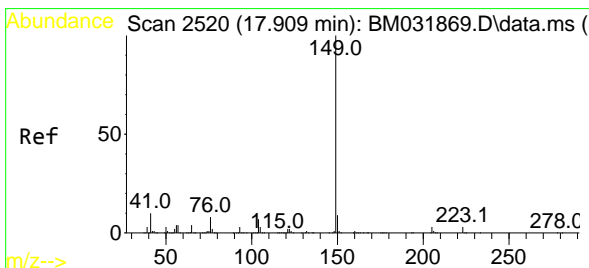
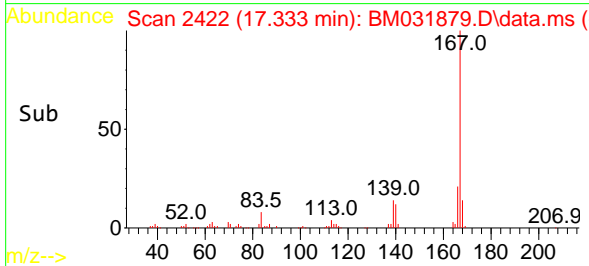
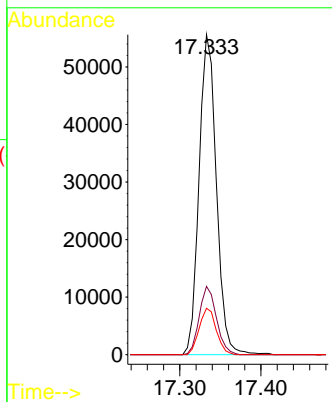
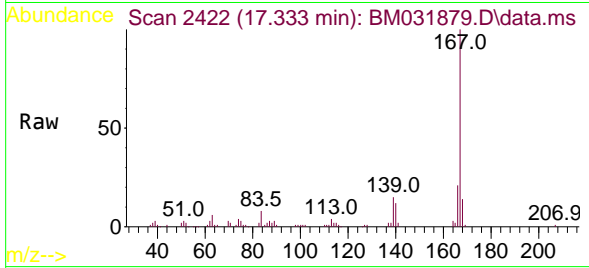




#73
 Carbazole
 Concen: 6.834 ng
 RT: 17.333 min Scan# 2422
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

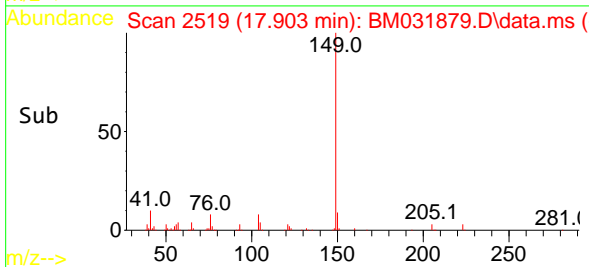
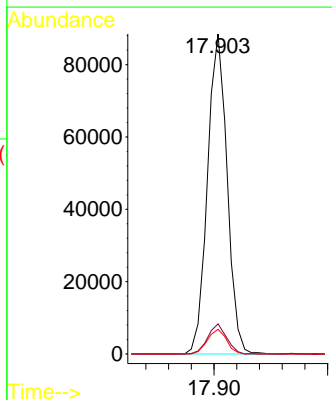
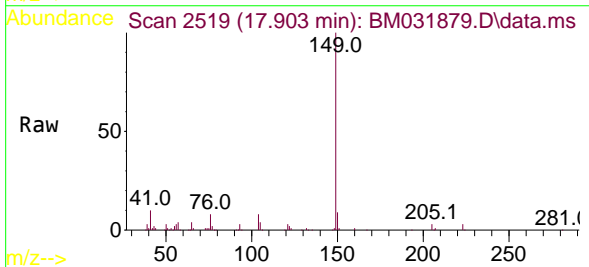
Instrument :
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 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

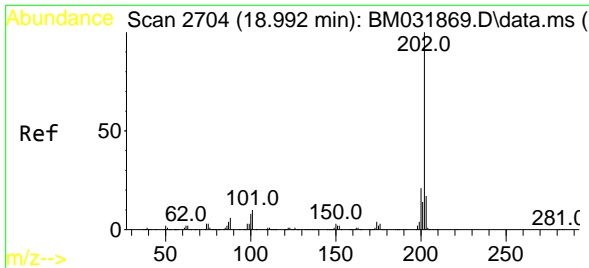
Tgt Ion:167 Resp: 82425
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.4 26.0
 139 14.5 11.9 17.9



#74
 Di-n-butylphthalate
 Concen: 6.607 ng
 RT: 17.903 min Scan# 2519
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

Tgt Ion:149 Resp: 106157
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.3 10.9
 104 7.7 5.6 8.4

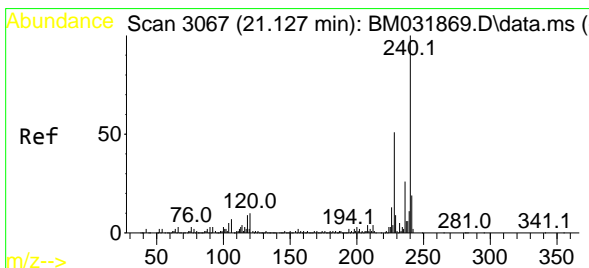
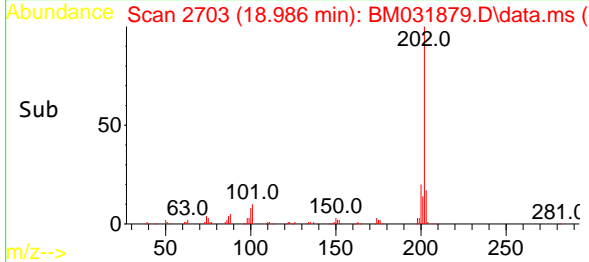
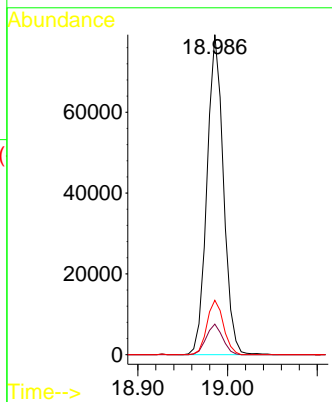
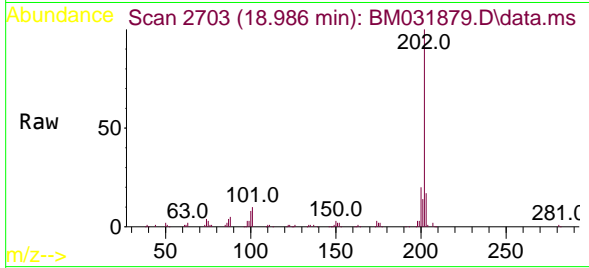




#75
 Fluoranthene
 Concen: 7.124 ng
 RT: 18.986 min Scan# 2703
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

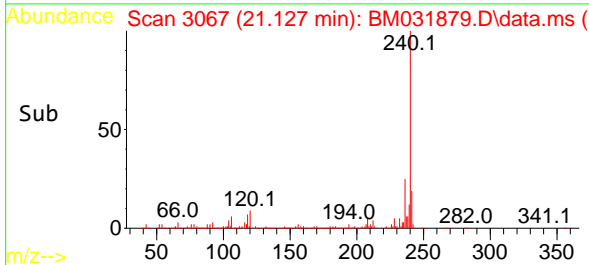
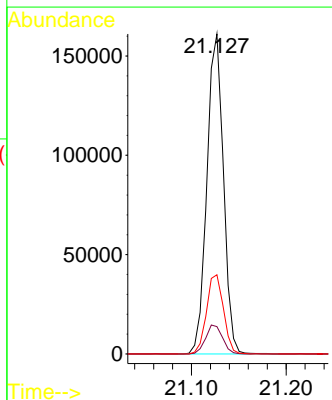
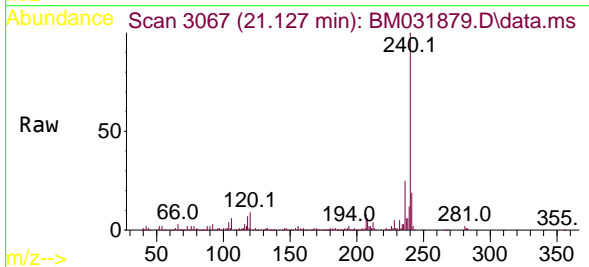
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

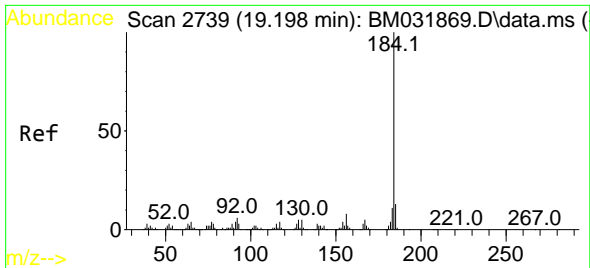
Tgt Ion:202 Resp: 100940
 Ion Ratio Lower Upper
 202 100
 101 9.6 0.0 29.9
 203 17.0 0.0 36.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.127 min Scan# 3067
 Delta R.T. 0.000 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

Tgt Ion:240 Resp: 194657
 Ion Ratio Lower Upper
 240 100
 120 8.5 7.8 11.6
 236 24.7 20.9 31.3

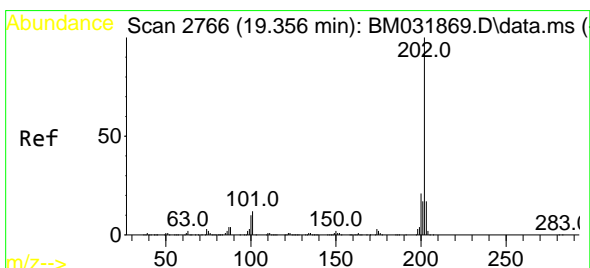
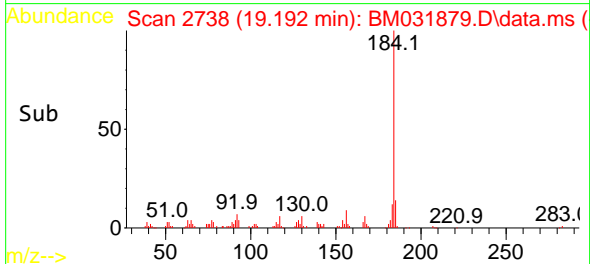
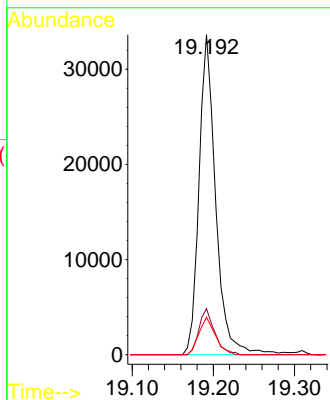
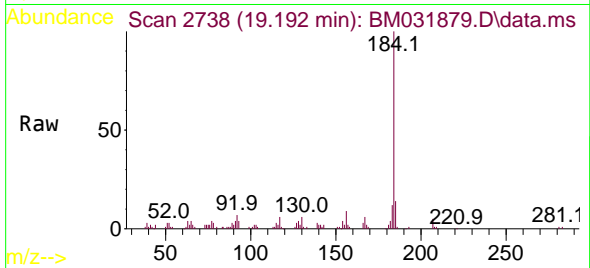




#77
Benzidine
Concen: 9.637 ng
RT: 19.192 min Scan# 2738
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

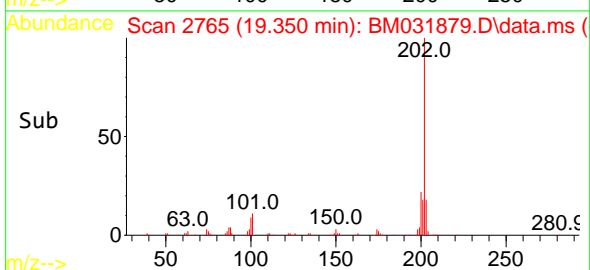
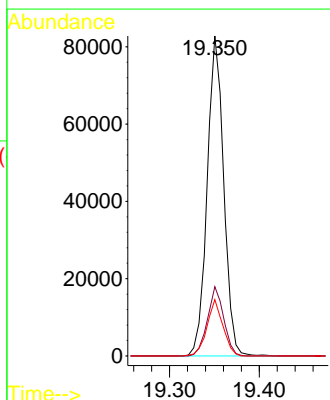
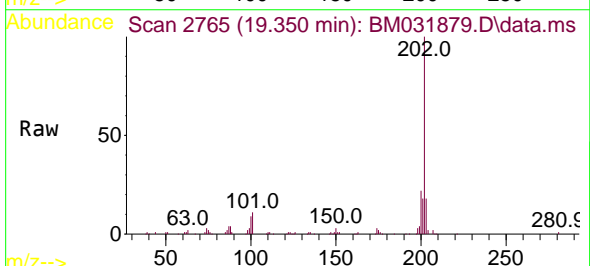
Instrument :
BNA_M
ClientSampled :
LOD-MDL-SOIL-01-QT2-2021

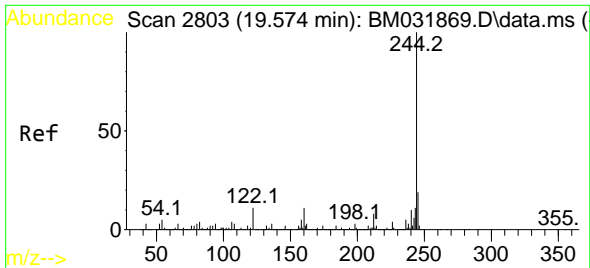
Tgt Ion:184 Resp: 47971
Ion Ratio Lower Upper
184 100
185 14.4 10.6 16.0
183 11.7 9.0 13.4



#78
Pyrene
Concen: 6.799 ng
RT: 19.350 min Scan# 2765
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

Tgt Ion:202 Resp: 106040
Ion Ratio Lower Upper
202 100
200 21.7 16.6 25.0
203 17.6 13.7 20.5

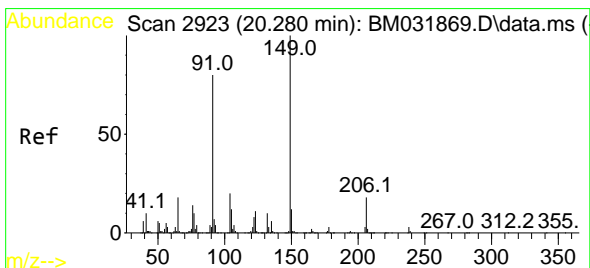
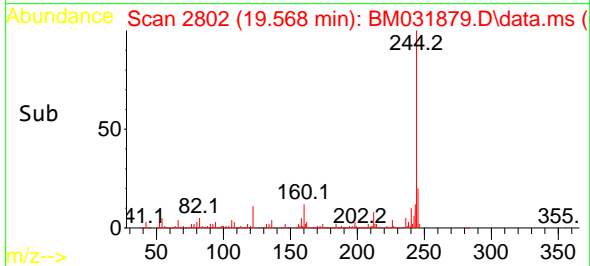
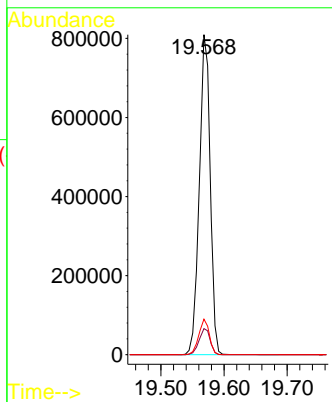
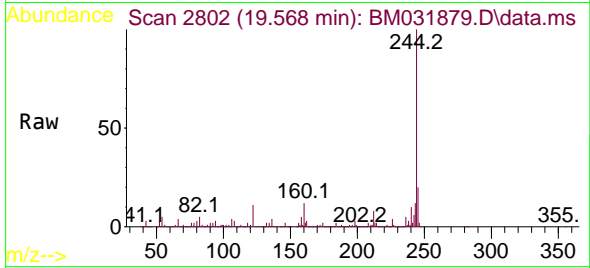




#79
 Terphenyl-d14
 Concen: 74.711 ng
 RT: 19.568 min Scan# 2802
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

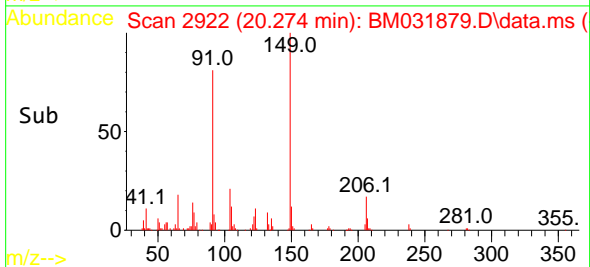
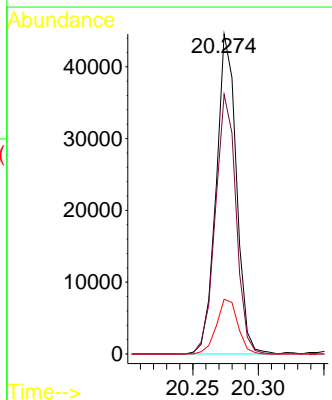
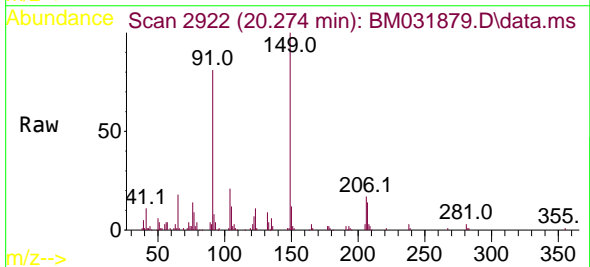
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

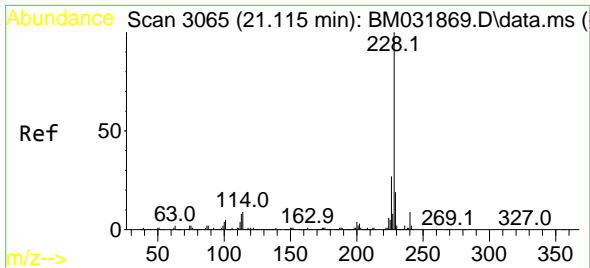
Tgt Ion:244 Resp: 966670
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 11.1 8.7 13.1



#80
 Butylbenzylphthalate
 Concen: 6.208 ng
 RT: 20.274 min Scan# 2922
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

Tgt Ion:149 Resp: 47736
 Ion Ratio Lower Upper
 149 100
 91 81.1 64.0 96.0
 206 17.1 14.4 21.6

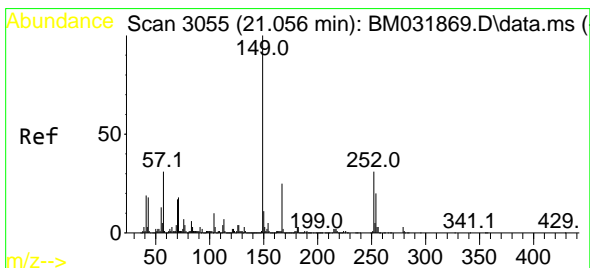
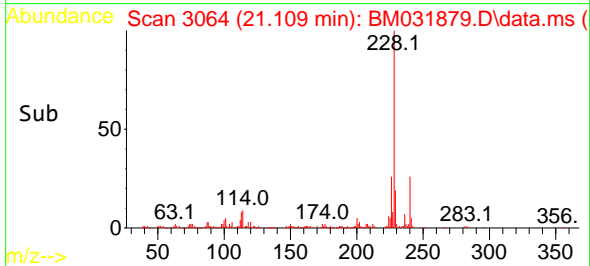
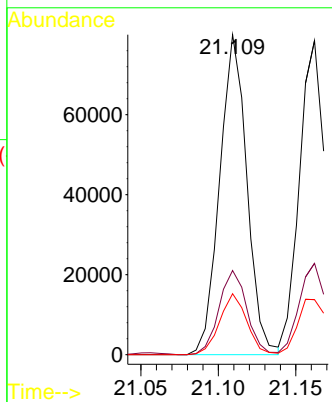
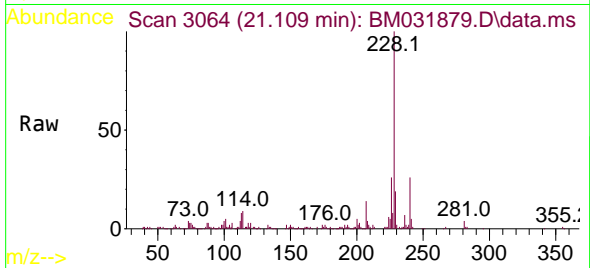




#81
 Benzo(a)anthracene
 Concen: 6.845 ng
 RT: 21.109 min Scan# 3064
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

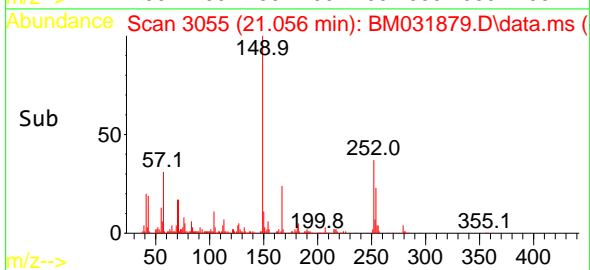
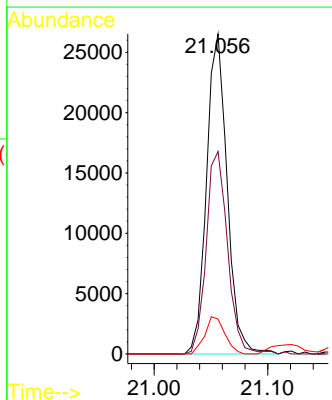
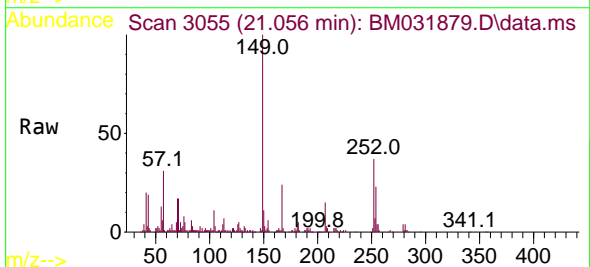
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

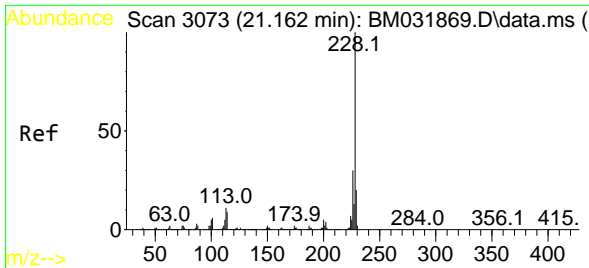
Tgt Ion:228 Resp: 97691
 Ion Ratio Lower Upper
 228 100
 226 26.3 21.4 32.2
 229 19.1 15.3 22.9



#82
 3,3'-Dichlorobenzidine
 Concen: 7.910 ng
 RT: 21.056 min Scan# 3055
 Delta R.T. 0.000 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

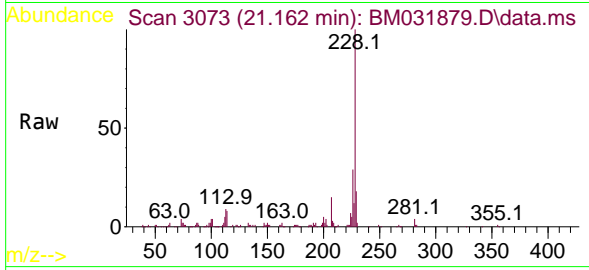
Tgt Ion:252 Resp: 33416
 Ion Ratio Lower Upper
 252 100
 254 63.3 51.6 77.4
 126 10.9 9.7 14.5



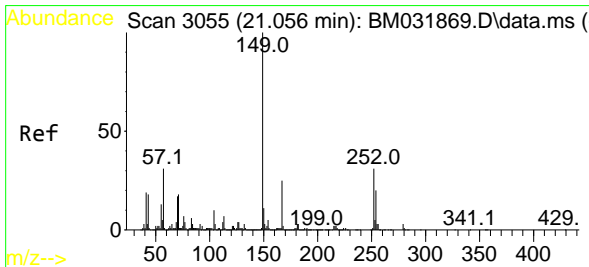
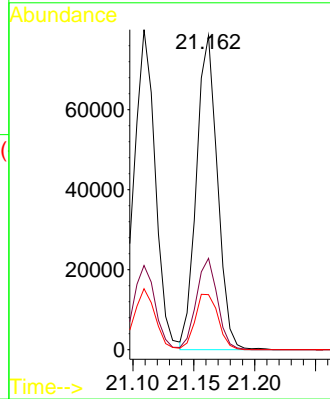
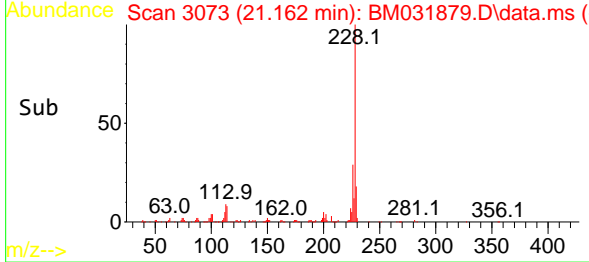


#83
 Chrysene
 Concen: 6.867 ng
 RT: 21.162 min Scan# 3073
 Delta R.T. -0.000 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

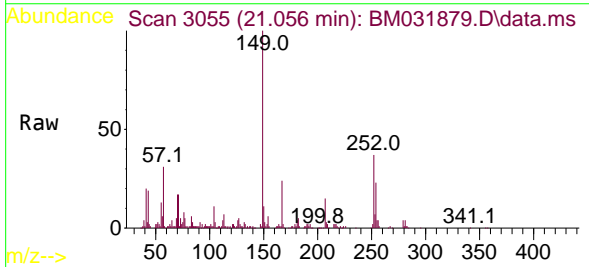
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021



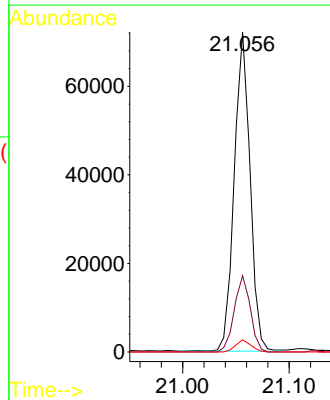
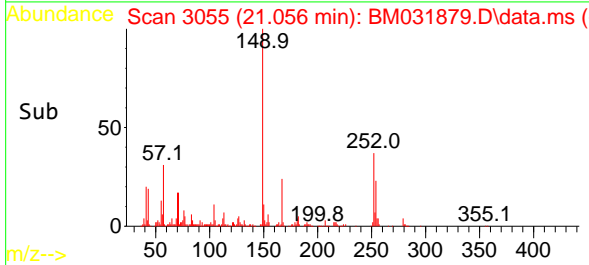
Tgt Ion:228 Resp: 94315
 Ion Ratio Lower Upper
 228 100
 226 29.1 24.0 36.0
 229 17.5 16.0 24.0

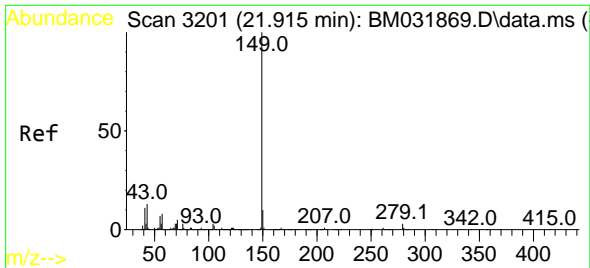


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 6.221 ng
 RT: 21.056 min Scan# 3055
 Delta R.T. 0.000 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51



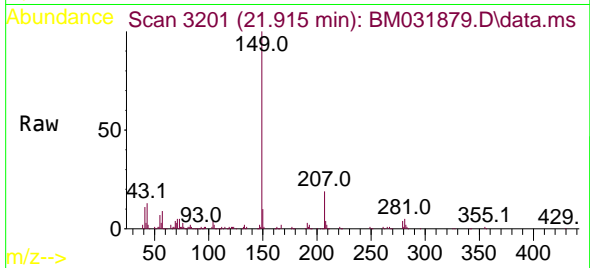
Tgt Ion:149 Resp: 74438
 Ion Ratio Lower Upper
 149 100
 167 23.8 19.7 29.5
 279 3.8 2.6 4.0



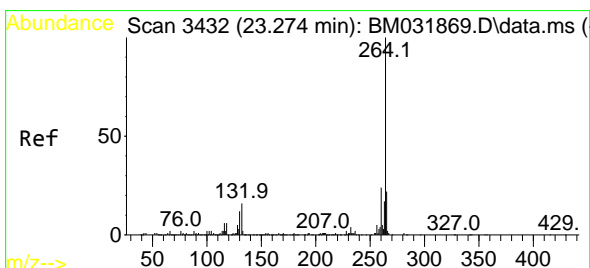
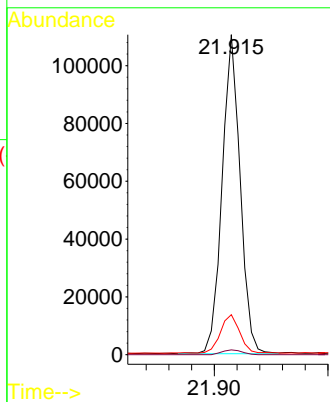
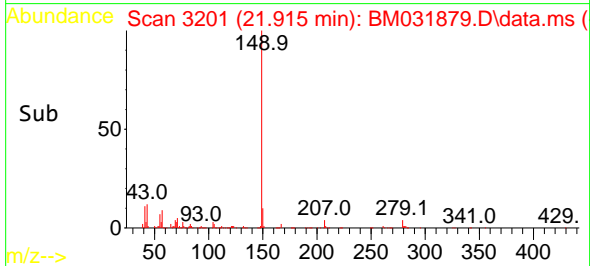


#85
 Di-n-octyl phthalate
 Concen: 6.370 ng
 RT: 21.915 min Scan# 3201
 Delta R.T. 0.000 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

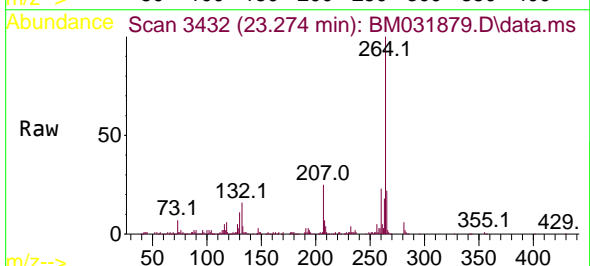
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021



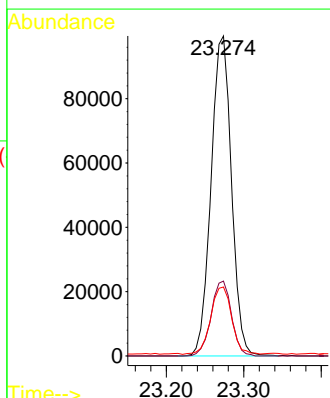
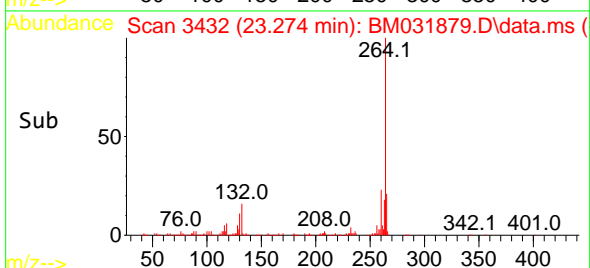
Tgt Ion:149 Resp: 121941
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 12.8 10.4 15.6

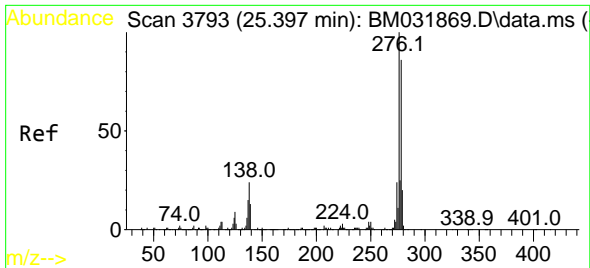


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.274 min Scan# 3432
 Delta R.T. -0.000 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51



Tgt Ion:264 Resp: 181836
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.3 28.9
 265 21.6 18.3 27.5

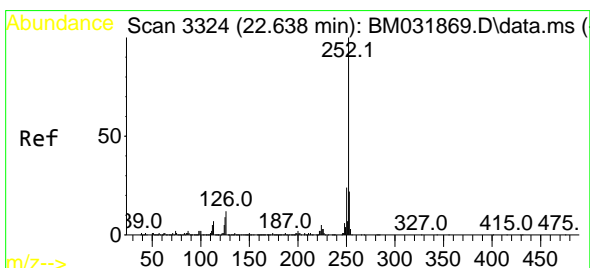
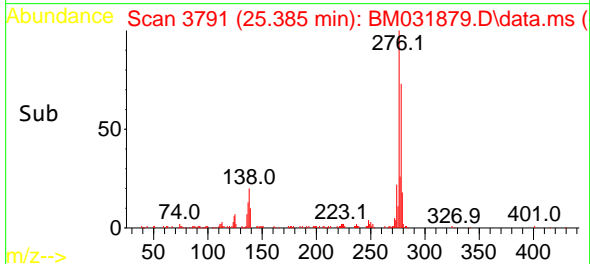
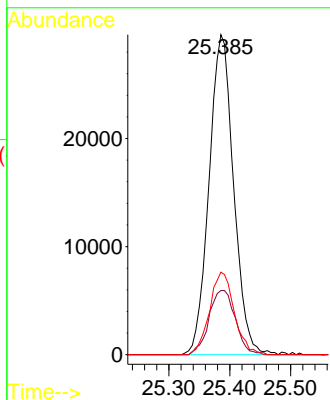
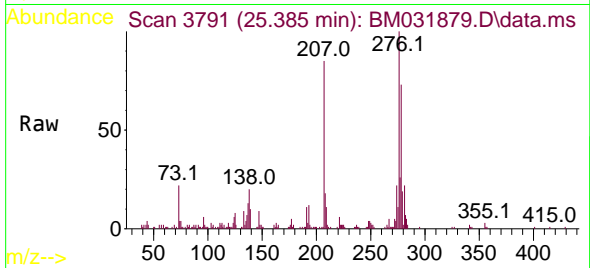




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 5.870 ng
 RT: 25.385 min Scan# 3791
 Delta R.T. -0.012 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

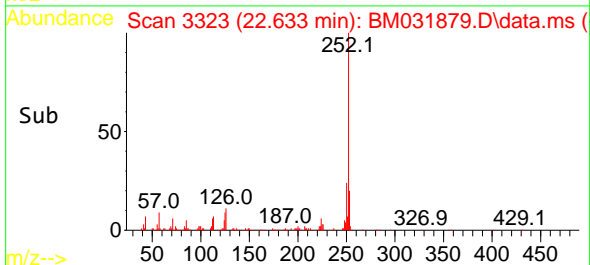
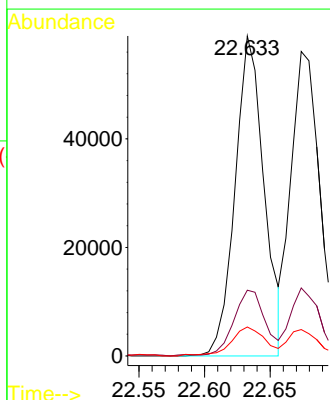
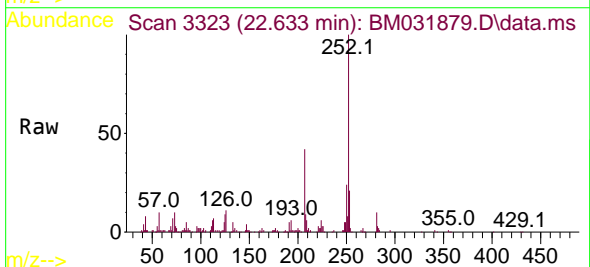
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

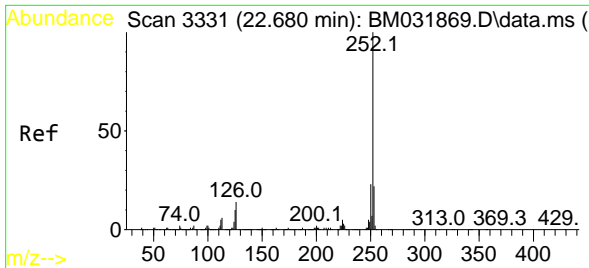
Tgt Ion:276 Resp: 82867
 Ion Ratio Lower Upper
 276 100
 138 21.6 18.4 27.6
 277 26.0 20.1 30.1



#88
 Benzo(b)fluoranthene
 Concen: 6.779 ng
 RT: 22.633 min Scan# 3323
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

Tgt Ion:252 Resp: 90792
 Ion Ratio Lower Upper
 252 100
 253 20.6 18.0 27.0
 125 9.0 7.5 11.3

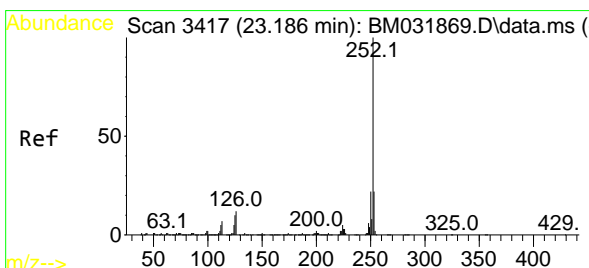
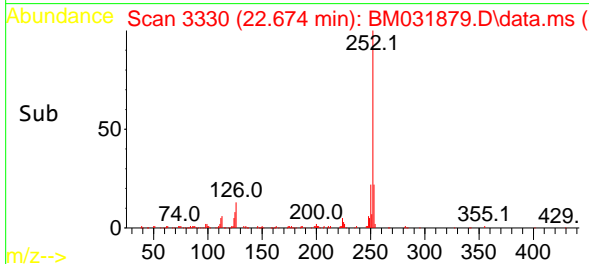
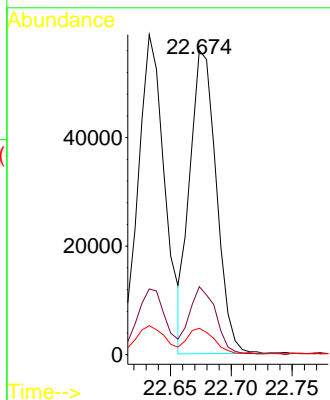
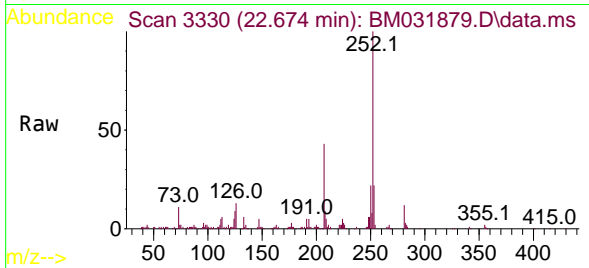




#89
 Benzo(k)fluoranthene
 Concen: 6.566 ng
 RT: 22.674 min Scan# 3330
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

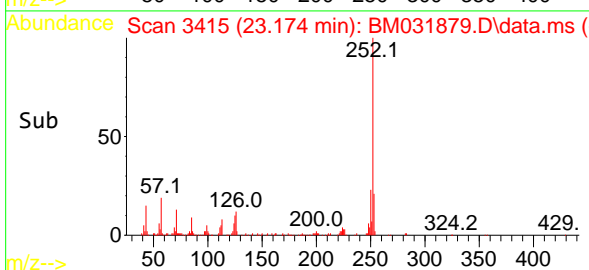
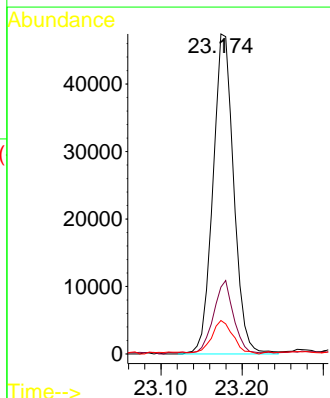
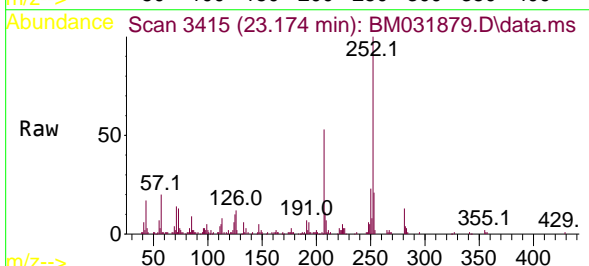
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

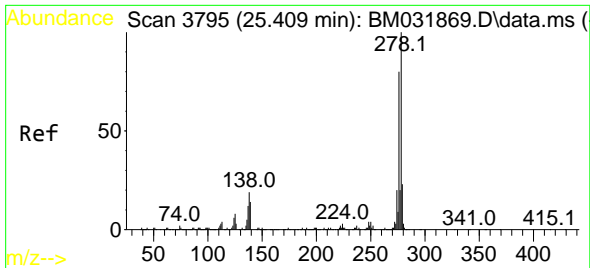
Tgt Ion:252 Resp: 84633
 Ion Ratio Lower Upper
 252 100
 253 22.3 17.3 25.9
 125 8.7 7.5 11.3



#90
 Benzo(a)pyrene
 Concen: 7.028 ng
 RT: 23.174 min Scan# 3415
 Delta R.T. -0.012 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

Tgt Ion:252 Resp: 84509
 Ion Ratio Lower Upper
 252 100
 253 20.9 17.4 26.2
 125 10.4 8.1 12.1

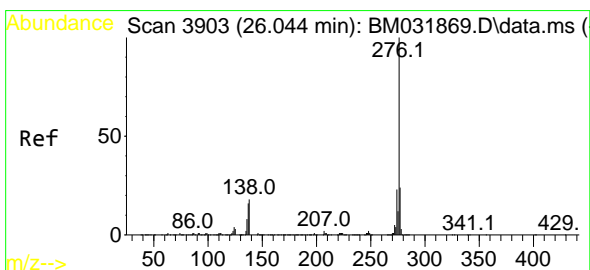
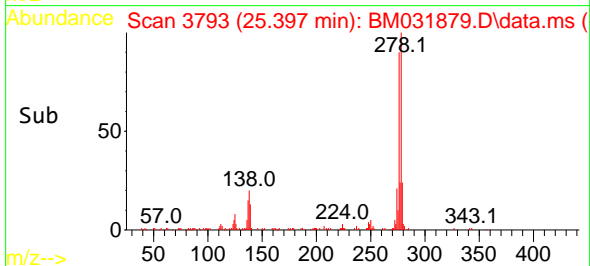
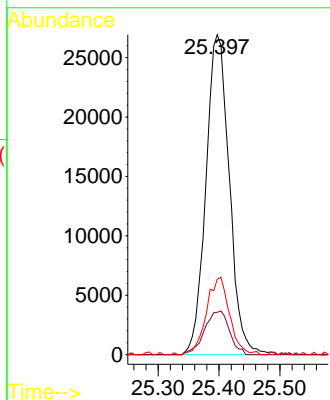
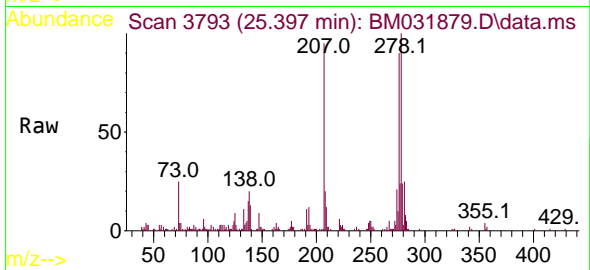




#91
Dibenzo(a,h)anthracene
Concen: 5.841 ng
RT: 25.397 min Scan# 3793
Delta R.T. -0.012 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Tgt Ion:278 Resp: 71990
Ion Ratio Lower Upper
278 100
139 13.3 10.9 16.3
279 23.5 18.2 27.2



#92
Benzo(g,h,i)perylene
Concen: 5.835 ng
RT: 26.032 min Scan# 3901
Delta R.T. -0.012 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

Tgt Ion:276 Resp: 66936
Ion Ratio Lower Upper
276 100
277 25.2 19.4 29.0
138 20.2 14.6 22.0

