

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031124\  
 Data File : BN030361.D  
 Acq On : 11 Mar 2024 15:30  
 Operator : MA/JU  
 Sample : P1601-05  
 Misc : SFAM-MDL-ME SOIL-01  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-MED-SOIL-QT1-2024-01

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 03/12/2024  
 Supervised By :mohammad ahmed 03/12/2024

Quant Time: Mar 12 01:01:22 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN030824.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Mar 08 13:57:34 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.793  | 152  | 116038   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.587 | 136  | 488730   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.451 | 164  | 300907   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.210 | 188  | 668268   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.433 | 240  | 598265   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.786 | 264  | 566724   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.269  | 96   | 15073    | 4.384  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.675  | 84   | 185874   | 22.646 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.963  | 99   | 209174   | 20.317 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.140  | 67   | 117490   | 20.098 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.322  | 132  | 180553   | 21.893 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.505  | 113  | 170845   | 21.054 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.963  | 128  | 88916    | 21.804 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.675  | 143  | 94309    | 22.058 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.210 | 165  | 164656   | 21.594 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.740 | 131  | 240125   | 21.218 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.875 | 166  | 549228   | 22.638 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.140 | 160  | 606316   | 22.060 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.657 | 143  | 90879    | 21.127 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.451 | 176  | 451966   | 22.709 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.581 | 200  | 83102    | 19.909 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.310 | 188  | 651113   | 20.065 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.622 | 212  | 810805   | 21.341 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.633 | 264  | 682869   | 23.005 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.305  | 88   | 3634m    | 1.101  | ng/uL  |          |
| 5) Pyridine                   | 3.699  | 79   | 39560    | 4.737  | ng/u1# | 80       |
| 6) Benzaldehyde               | 6.946  | 77   | 29010m   | 6.046  | ng/u1  |          |
| 8) Phenol                     | 6.987  | 94   | 47338    | 4.621  | ng/u1  | 99       |
| 10) Bis(2-Chloroethyl)ether   | 7.234  | 93   | 37528    | 4.584  | ng/u1  | 99       |
| 12) 2-Chlorophenol            | 7.352  | 128  | 40501    | 4.773  | ng/u1  | 97       |
| 13) 2-Methylphenol            | 8.240  | 108  | 34549    | 4.498  | ng/u1  | 100      |
| 14) 2,2'-oxybis(1-Chloropr... | 8.328  | 45   | 33647    | 4.520  | ng/u1  | 95       |
| 16) Acetophenone              | 8.628  | 105  | 65167    | 4.997  | ng/u1  | 98       |
| 17) N-Nitroso-di-n-propyla... | 8.610  | 70   | 32055    | 5.137  | ng/u1  | 96       |
| 18) 4-Methylphenol            | 8.563  | 108  | 38908    | 4.794  | ng/u1  | 99       |
| 19) Hexachloroethane          | 8.857  | 117  | 18555    | 4.707  | ng/u1  | 97       |
| 22) Nitrobenzene              | 8.999  | 77   | 50082    | 4.759  | ng/u1  | 98       |
| 23) Isophorone                | 9.528  | 82   | 85506    | 4.700  | ng/u1  | 99       |
| 25) 2-Nitrophenol             | 9.710  | 139  | 22926    | 4.978  | ng/u1  | 94       |
| 26) 2,4-Dimethylphenol        | 9.769  | 107  | 33114    | 3.483  | ng/u1  | 100      |
| 27) Bis(2-Chloroethoxy)met... | 10.022 | 93   | 49973    | 4.683  | ng/u1  | 97       |
| 29) 2,4-Dichlorophenol        | 10.234 | 162  | 38146    | 4.981  | ng/u1  | 91       |
| 30) Naphthalene               | 10.640 | 128  | 140889   | 5.050  | ng/u1  | 98       |
| 32) 4-Chloroaniline           | 10.763 | 127  | 54318    | 4.935  | ng/u1  | 98       |
| 33) Hexachlorobutadiene       | 10.910 | 225  | 26065    | 4.879  | ng/u1  | 99       |
| 34) Caprolactam               | 11.563 | 113  | 12429m   | 5.450  | ng/u1  |          |
| 35) 4-Chloro-3-methylphenol   | 11.887 | 107  | 41994    | 4.846  | ng/u1  | 89       |
| 36) 2-Methylnaphthalene       | 12.257 | 142  | 93895    | 5.168  | ng/u1  | 98       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031124\  
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 Sample : P1601-05  
 Misc : SFAM-MDL-ME SOIL-01  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-MED-SOIL-QT1-2024-01

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 03/12/2024  
 Supervised By :mohammad ahmed 03/12/2024

Quant Time: Mar 12 01:01:22 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN030824.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Mar 08 13:57:34 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.481 | 142  | 97660    | 5.437 | ng/ul  | 98       |
| 39) 1,2,4,5-Tetrachloroben... | 12.622 | 216  | 45789    | 4.819 | ng/ul  | 98       |
| 40) Hexachlorocyclopentadiene | 12.598 | 237  | 31774    | 4.464 | ng/ul# | 93       |
| 41) 2,4,6-Trichlorophenol     | 12.875 | 196  | 28159    | 4.671 | ng/ul  | 95       |
| 42) 2,4,5-Trichlorophenol     | 12.945 | 196  | 30954    | 4.699 | ng/ul  | 97       |
| 43) 1,1'-Biphenyl             | 13.281 | 154  | 125057   | 4.924 | ng/ul  | 97       |
| 44) 2-Chloronaphthalene       | 13.322 | 162  | 97413    | 4.939 | ng/ul  | 95       |
| 45) 2-Nitroaniline            | 13.540 | 65   | 24400m   | 4.291 | ng/ul  |          |
| 47) Dimethylphthalate         | 13.922 | 163  | 130321   | 5.285 | ng/ul  | 97       |
| 48) 2,6-Dinitrotoluene        | 14.045 | 165  | 22887    | 4.806 | ng/ul  | 92       |
| 50) Acenaphthylene            | 14.169 | 152  | 159808   | 4.997 | ng/ul  | 97       |
| 51) 3-Nitroaniline            | 14.375 | 138  | 19500    | 4.179 | ng/ul  | 92       |
| 52) Acenaphthene              | 14.516 | 153  | 106377   | 5.021 | ng/ul  | 99       |
| 53) 2,4-Dinitrophenol         | 14.581 | 184  | 15838    | 5.919 | ng/ul  | 96       |
| 55) 4-Nitrophenol             | 14.675 | 109  | 25941    | 5.319 | ng/ul  | 92       |
| 56) Dibenzofuran              | 14.851 | 168  | 144336   | 5.108 | ng/ul  | 99       |
| 57) 2,4-Dinitrotoluene        | 14.834 | 165  | 34122    | 5.021 | ng/ul  | 97       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.081 | 232  | 25379    | 4.787 | ng/ul  | 92       |
| 59) Diethylphthalate          | 15.292 | 149  | 135661   | 5.148 | ng/ul  | 98       |
| 61) Fluorene                  | 15.504 | 166  | 124089   | 5.319 | ng/ul  | 91       |
| 62) 4-Chlorophenyl-phenyle... | 15.510 | 204  | 57802    | 5.175 | ng/ul  | 94       |
| 63) 4-Nitroaniline            | 15.539 | 138  | 20297m   | 4.698 | ng/ul  |          |
| 66) 4,6-Dinitro-2-methylph... | 15.592 | 198  | 24261    | 5.387 | ng/ul# | 94       |
| 67) N-Nitrosodiphenylamine    | 15.722 | 169  | 98162    | 4.656 | ng/ul  | 99       |
| 68) 4-Bromophenyl-phenylether | 16.404 | 248  | 33848    | 4.727 | ng/ul  | 93       |
| 69) Hexachlorobenzene         | 16.504 | 284  | 39365    | 5.020 | ng/ul  | 98       |
| 70) Atrazine                  | 16.692 | 200  | 42366    | 5.838 | ng/ul  | 95       |
| 71) Pentachlorophenol         | 16.857 | 266  | 28035    | 5.284 | ng/ul  | 94       |
| 72) Phenanthrene              | 17.251 | 178  | 196921   | 5.053 | ng/ul  | 99       |
| 74) Anthracene                | 17.345 | 178  | 182759   | 4.610 | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.240 | 216  | 44794    | 4.490 | ng/uL  | 96       |
| 76) Pentachlorobenzene        | 14.763 | 250  | 46288    | 4.975 | ng/uL# | 89       |
| 77) Carbazole                 | 17.628 | 167  | 163478   | 4.643 | ng/ul  | 98       |
| 78) Di-n-butylphthalate       | 18.204 | 149  | 226977   | 4.639 | ng/ul  | 100      |
| 80) Fluoranthene              | 19.286 | 202  | 217031   | 4.662 | ng/ul# | 96       |
| 82) Pyrene                    | 19.651 | 202  | 231509   | 4.838 | ng/ul  | 99       |
| 83) Butylbenzylphthalate      | 20.580 | 149  | 99897    | 4.358 | ng/ul  | 99       |
| 84) 3,3'-Dichlorobenzidine    | 21.363 | 252  | 59821    | 4.601 | ng/ul  | 99       |
| 85) Benzo(a)anthracene        | 21.416 | 228  | 222836   | 4.964 | ng/ul  | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.369 | 149  | 159687   | 4.602 | ng/ul  | 98       |
| 87) Chrysene                  | 21.469 | 228  | 210816   | 5.063 | ng/ul  | 97       |
| 89) Di-n-octyl phthalate      | 22.292 | 149  | 264572   | 4.987 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.068 | 252  | 198531   | 5.313 | ng/ul  | 96       |
| 91) Benzo(k)fluoranthene      | 23.121 | 252  | 191036   | 4.950 | ng/ul  | 95       |
| 93) Benzo(a)pyrene            | 23.680 | 252  | 176667   | 4.996 | ng/ul  | 97       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.204 | 276  | 186384   | 4.432 | ng/ul  | 93       |
| 95) Dibenzo(a,h)anthracene    | 26.233 | 278  | 151575   | 4.421 | ng/ul  | 96       |
| 96) Benzo(g,h,i)perylene      | 26.945 | 276  | 148556   | 4.361 | ng/ul  | 99       |

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

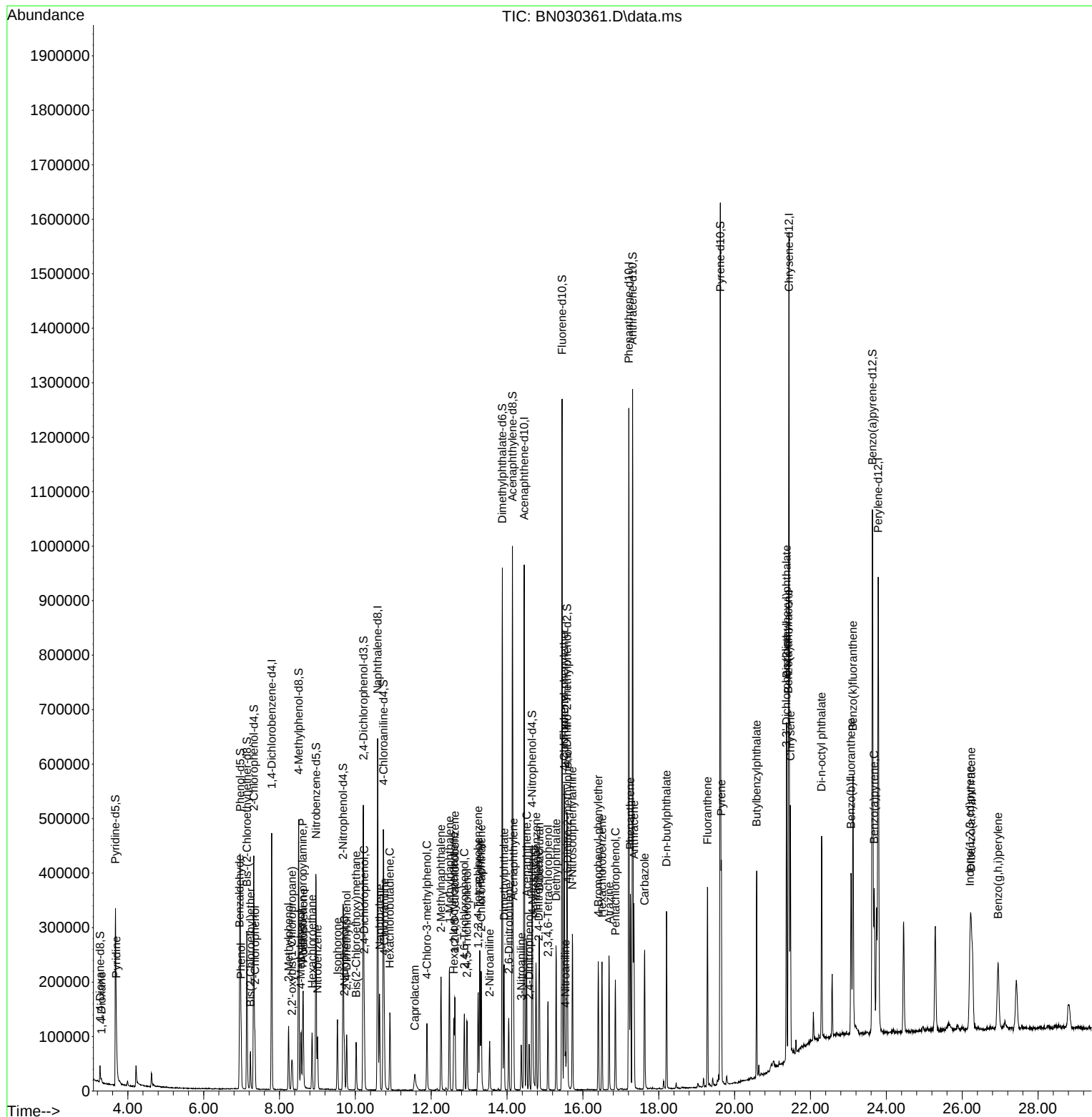
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031124\  
Data File : BN030361.D  
Acq On : 11 Mar 2024 15:30  
Operator : MA/JU  
Sample : P1601-05  
Misc : SFAM-MDL-ME SOIL-01  
ALS Vial : 6 Sample Multiplier: 1

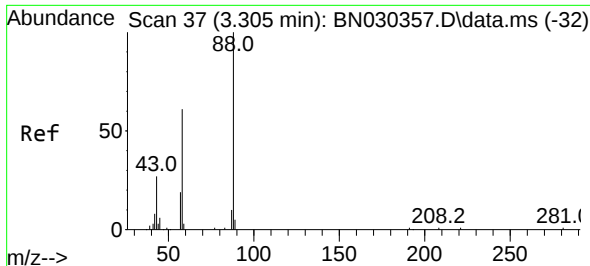
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT1-2024-01

Quant Time: Mar 12 01:01:22 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\SFAM-EPA-BN030824.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Fri Mar 08 13:57:34 2024  
Response via : Initial Calibration

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/12/2024  
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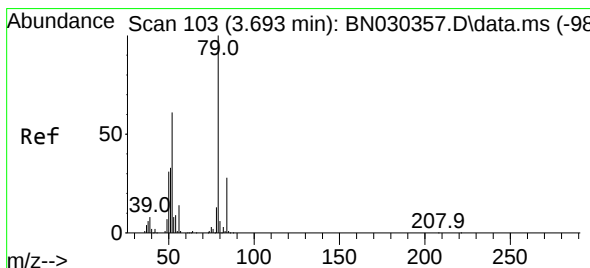
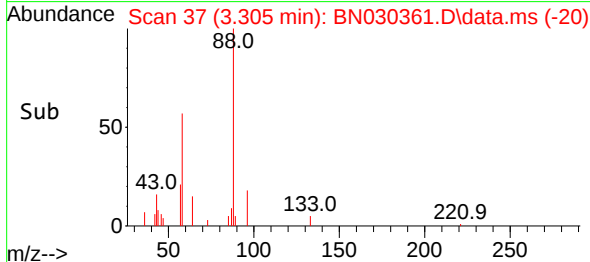
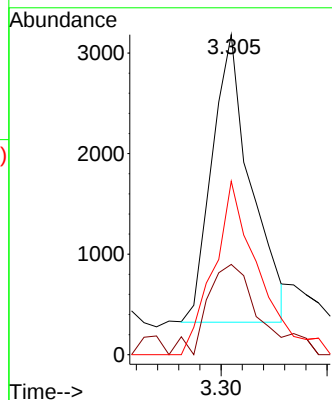
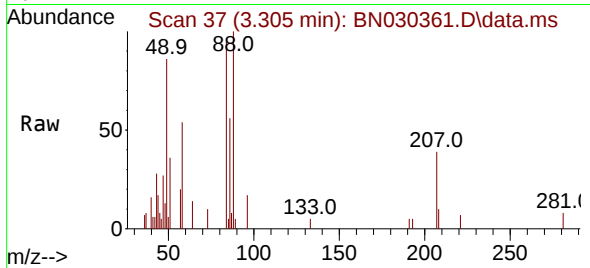
#2  
1,4-Dioxane  
Concen: 1.101 ng/uL m  
RT: 3.305 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30

Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT1-2024-01

Tgt Ion: 88 Resp: 3634  
Ion Ratio Lower Upper  
88 100  
43 28.2 24.0 36.0  
58 54.2 49.0 73.4

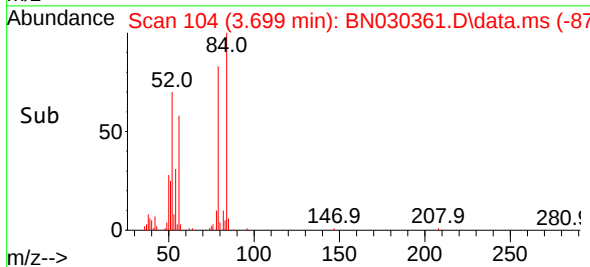
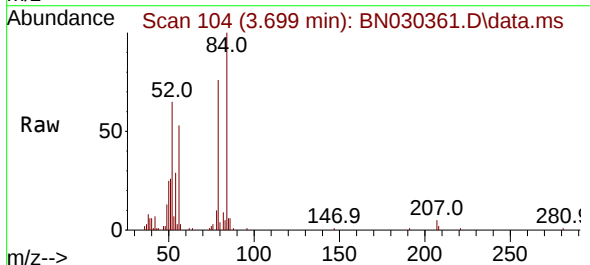
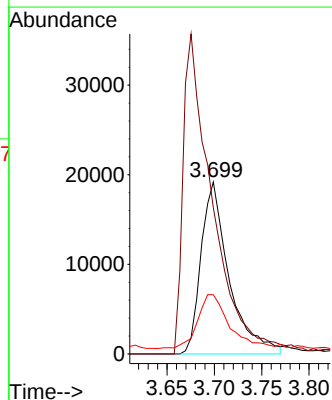
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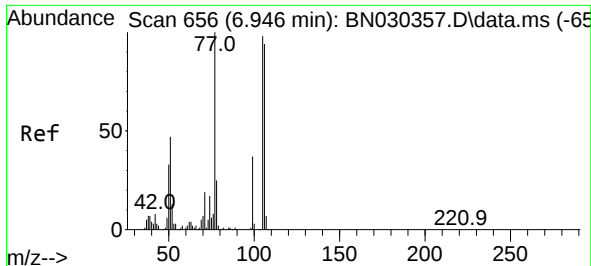
Reviewed By :Yogesh Patel 03/12/2024  
Supervised By :mohammad ahmed 03/12/2024



#5  
Pyridine  
Concen: 4.737 ng/uL  
RT: 3.699 min Scan# 104  
Delta R.T. -0.000 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30

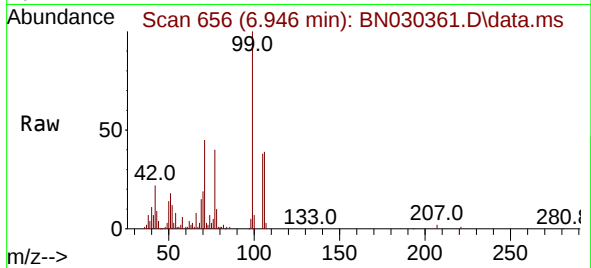
Tgt Ion: 79 Resp: 39560  
Ion Ratio Lower Upper  
79 100  
52 85.0 49.4 74.2#  
51 34.4 27.4 41.0





#6  
Benzaldehyde  
Concen: 6.046 ng/ul m  
RT: 6.946 min Scan# 6  
Delta R.T. -0.000 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30

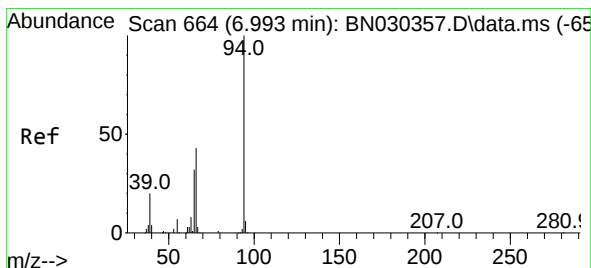
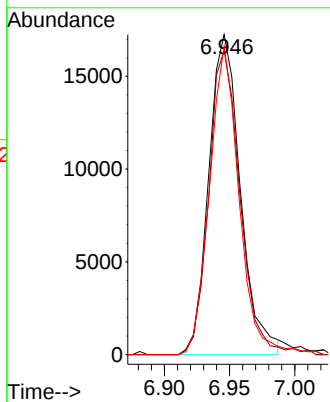
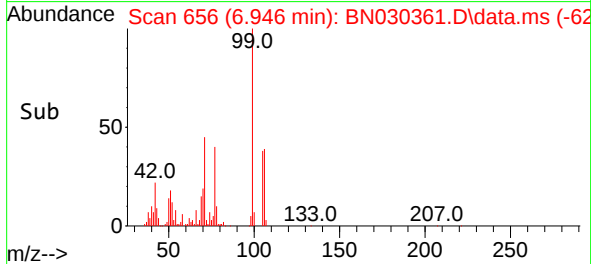
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT1-2024-01



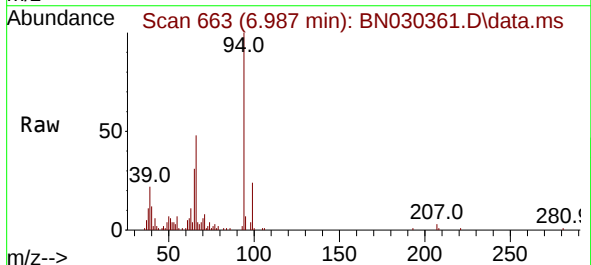
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Ion Ratio Lower Upper  
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105 95.2 76.6 114.8  
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Manual Integrations  
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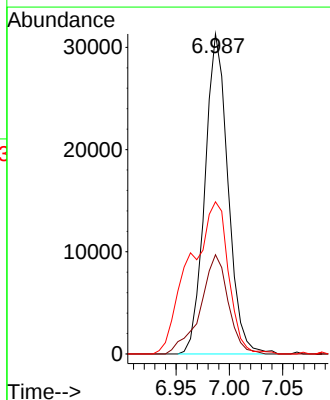
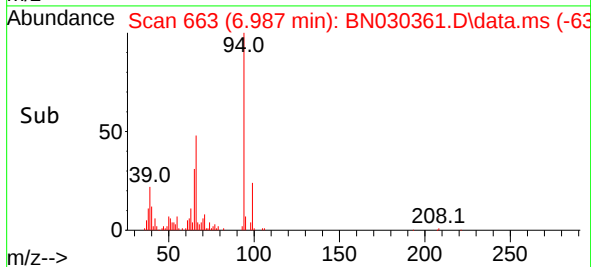
Reviewed By :Yogesh Patel 03/12/2024  
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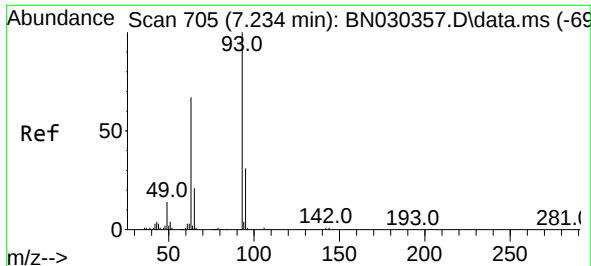


#8  
Phenol  
Concen: 4.621 ng/ul  
RT: 6.987 min Scan# 663  
Delta R.T. -0.006 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30



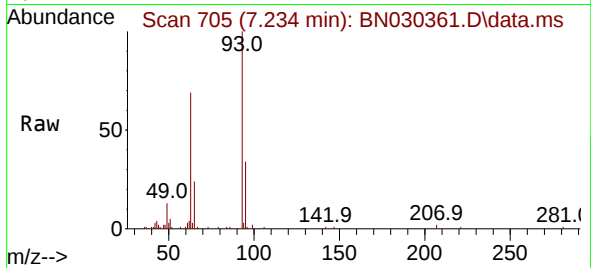
Tgt Ion: 94 Resp: 47338  
Ion Ratio Lower Upper  
94 100  
65 31.0 25.8 38.6  
66 47.5 37.7 56.5





#10  
Bis(2-Chloroethyl)ether  
Concen: 4.584 ng/ul  
RT: 7.234 min Scan# 705  
Delta R.T. -0.006 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30

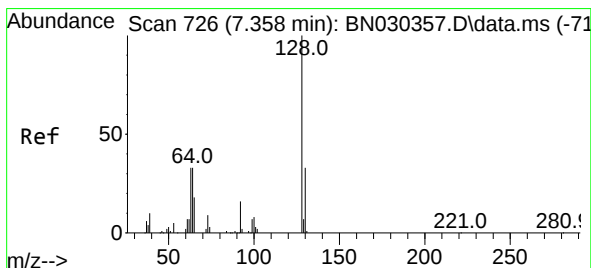
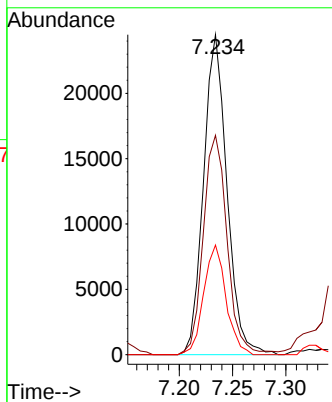
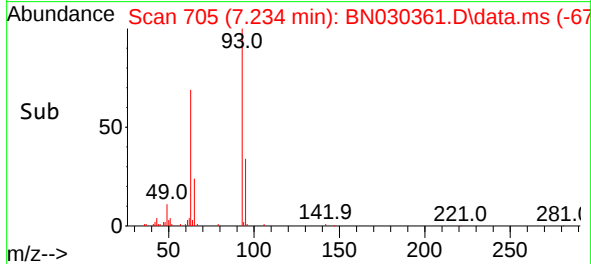
Instrument : BNA\_N  
ClientSampleId : MDL-MED-SOIL-QT1-2024-01



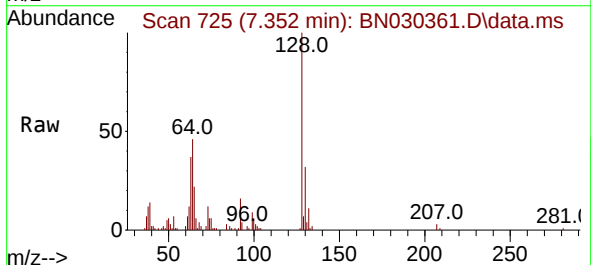
Tgt Ion: 93 Resp: 37528  
Ion Ratio Lower Upper  
93 100  
63 68.5 54.6 81.8  
95 34.3 25.8 38.8

Manual Integrations  
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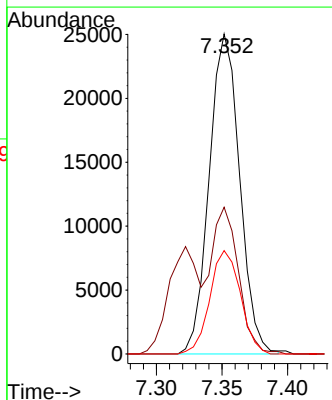
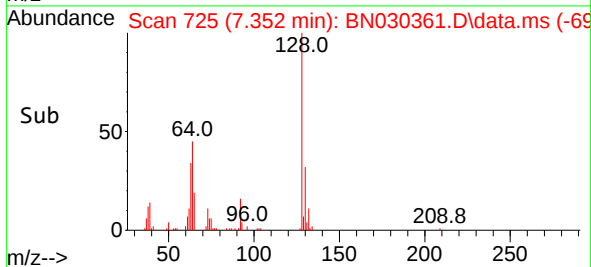
Reviewed By :Yogesh Patel 03/12/2024  
Supervised By :mohammad ahmed 03/12/2024

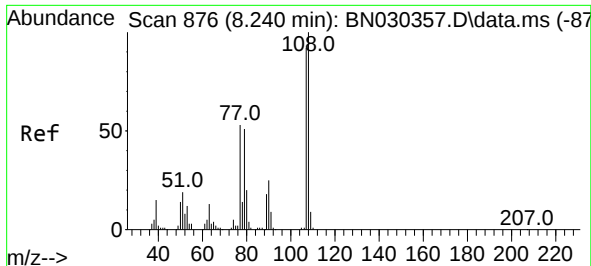


#12  
2-Chlorophenol  
Concen: 4.773 ng/ul  
RT: 7.352 min Scan# 725  
Delta R.T. -0.006 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30



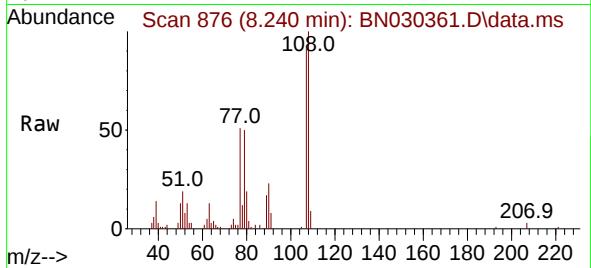
Tgt Ion:128 Resp: 40501  
Ion Ratio Lower Upper  
128 100  
64 45.9 34.1 51.1  
130 32.3 25.9 38.9





#13  
2-Methylphenol  
Concen: 4.498 ng/ul  
RT: 8.240 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30

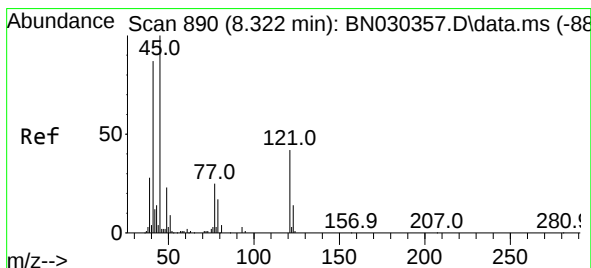
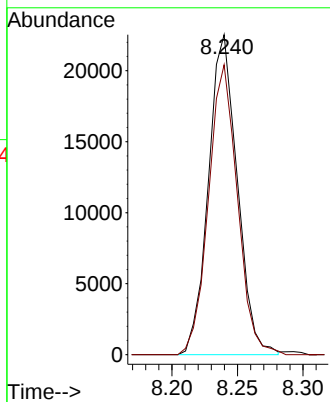
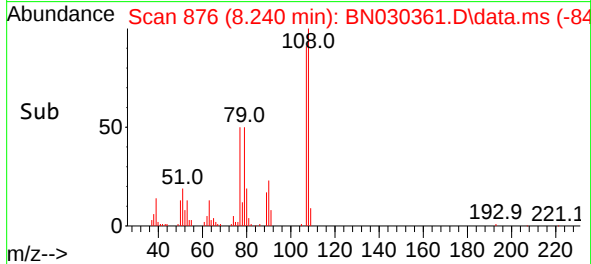
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT1-2024-01



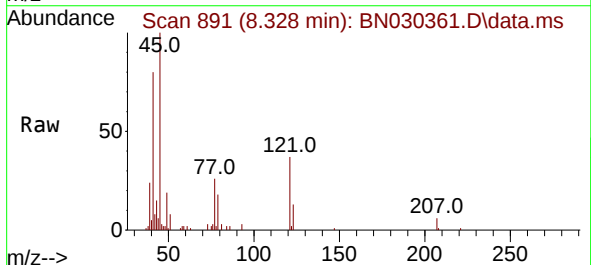
Tgt Ion:108 Resp: 34549  
Ion Ratio Lower Upper  
108 100  
107 90.6 72.5 108.7

Manual Integrations  
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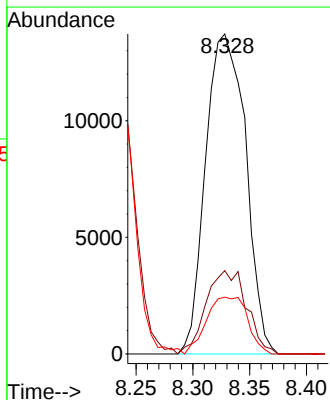
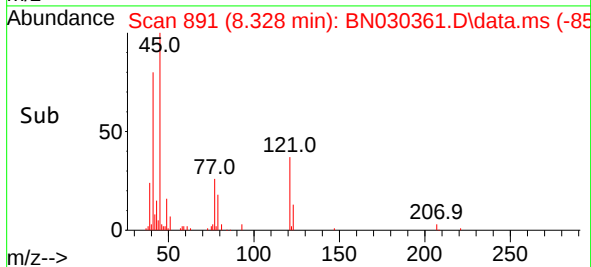
Reviewed By :Yogesh Patel 03/12/2024  
Supervised By :mohammad ahmed 03/12/2024

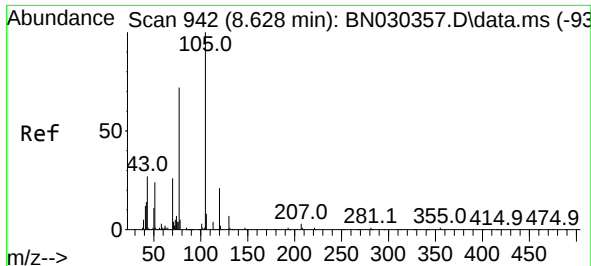


#14  
2,2'-oxybis(1-Chloropropane)  
Concen: 4.520 ng/ul  
RT: 8.328 min Scan# 891  
Delta R.T. -0.000 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30



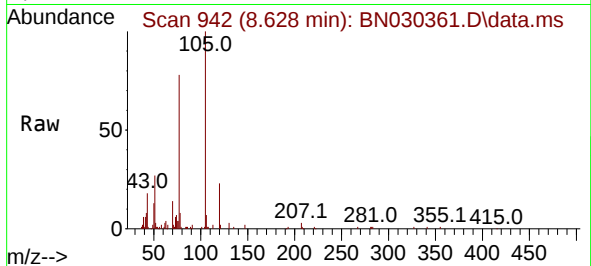
Tgt Ion: 45 Resp: 33647  
Ion Ratio Lower Upper  
45 100  
77 26.1 17.9 26.9  
79 17.8 13.4 20.2





#16  
Acetophenone  
Concen: 4.997 ng/ul  
RT: 8.628 min Scan# 942  
Delta R.T. -0.000 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30

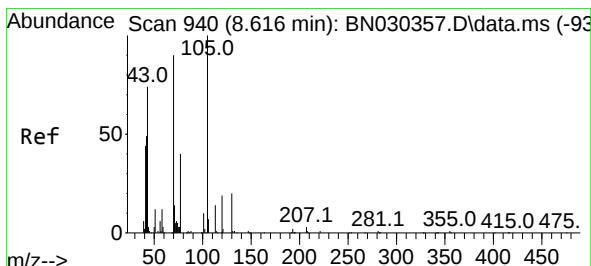
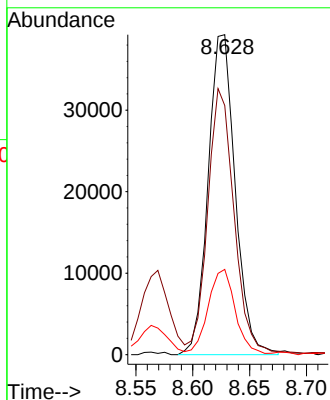
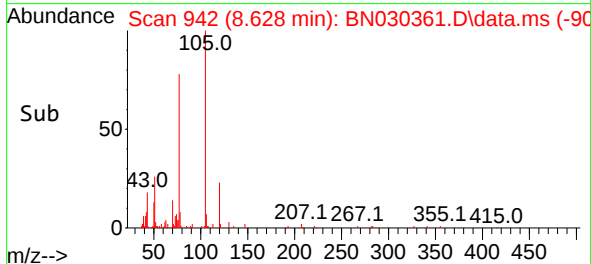
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT1-2024-01



Tgt Ion: 105 Resp: 6516  
Ion Ratio Lower Upper  
105 100  
77 77.9 64.1 96.1  
51 26.7 20.6 30.8

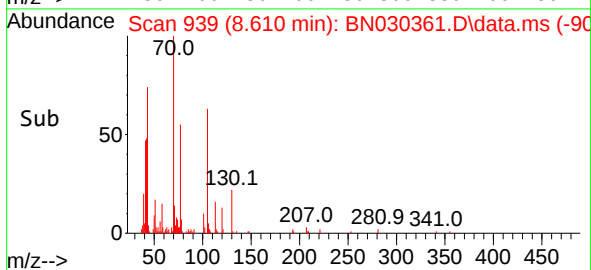
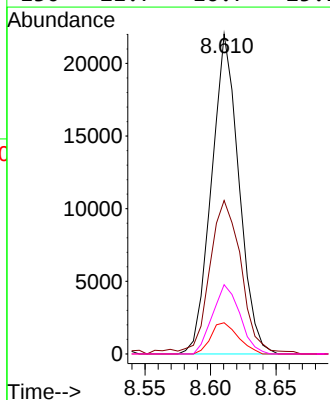
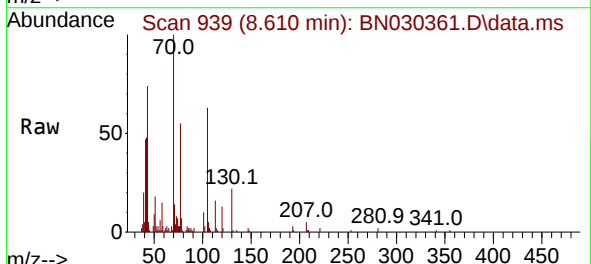
Manual Integrations  
APPROVED

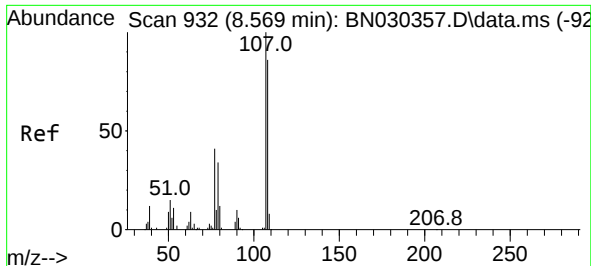
Reviewed By :Yogesh Patel 03/12/2024  
Supervised By :mohammad ahmed 03/12/2024



#17  
N-Nitroso-di-n-propylamine  
Concen: 5.137 ng/ul  
RT: 8.610 min Scan# 939  
Delta R.T. -0.006 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30

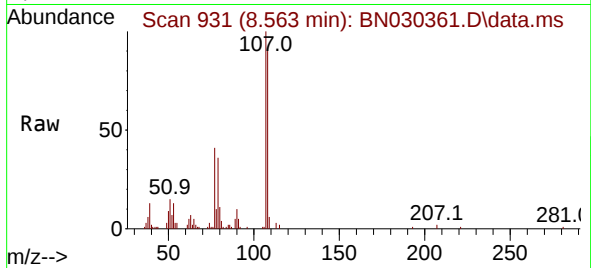
Tgt Ion: 70 Resp: 32055  
Ion Ratio Lower Upper  
70 100  
42 48.0 41.8 62.6  
101 9.8 8.2 12.2  
130 21.7 16.7 25.1





#18  
4-Methylphenol  
Concen: 4.794 ng/ul  
RT: 8.563 min Scan# 911  
Delta R.T. -0.012 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30

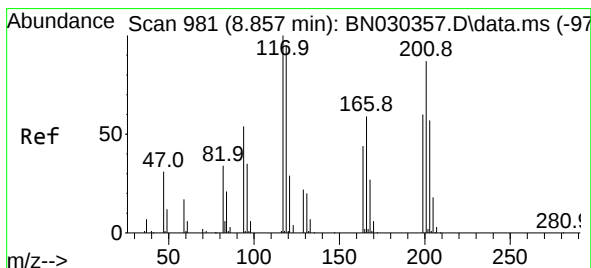
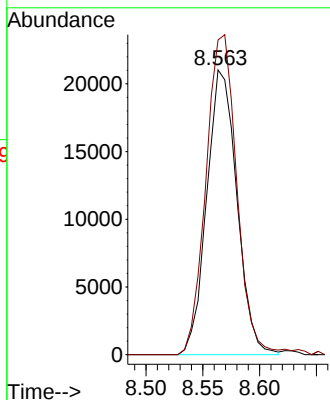
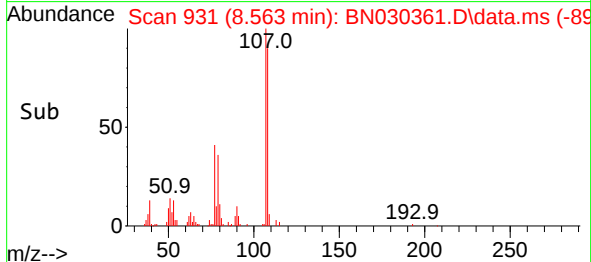
Instrument : BNA\_N  
ClientSampleId : MDL-MED-SOIL-QT1-2024-01



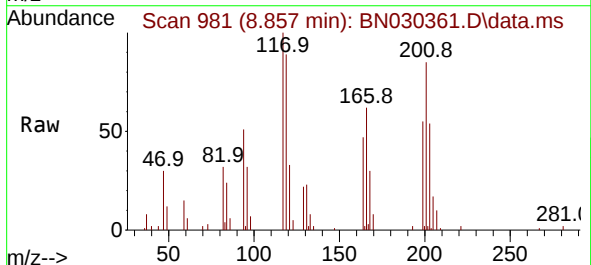
Tgt Ion:108 Resp: 38908  
Ion Ratio Lower Upper  
108 100  
107 110.5 87.3 130.9

Manual Integrations  
APPROVED

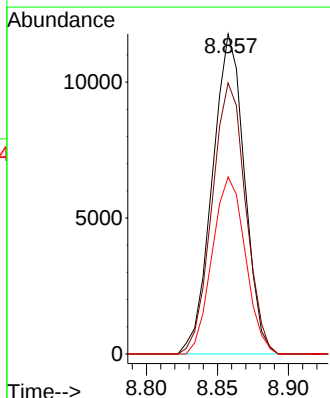
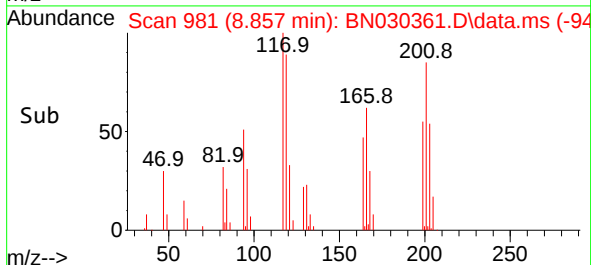
Reviewed By :Yogesh Patel 03/12/2024  
Supervised By :mohammad ahmed 03/12/2024

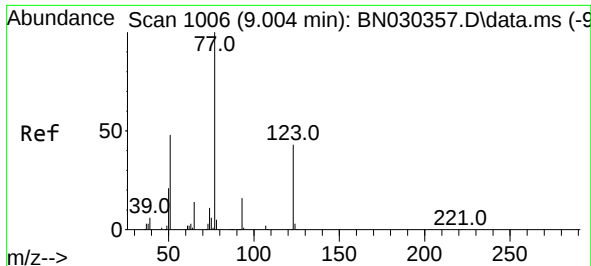


#19  
Hexachloroethane  
Concen: 4.707 ng/ul  
RT: 8.857 min Scan# 981  
Delta R.T. -0.006 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30



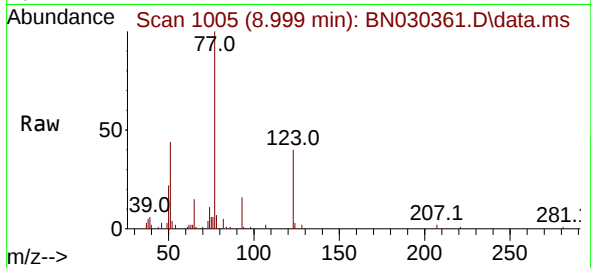
Tgt Ion:117 Resp: 18555  
Ion Ratio Lower Upper  
117 100  
201 86.6 71.3 106.9  
199 57.1 48.1 72.1





#22  
Nitrobenzene  
Concen: 4.759 ng/ul  
RT: 8.999 min Scan# 1005  
Delta R.T. -0.006 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30

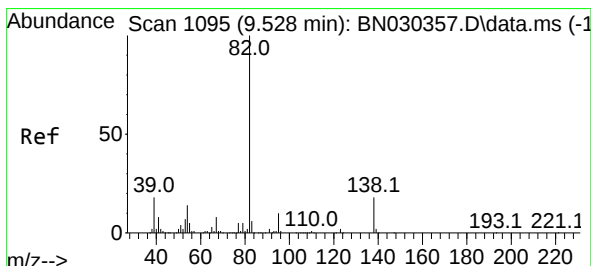
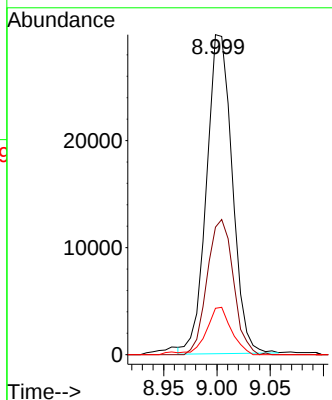
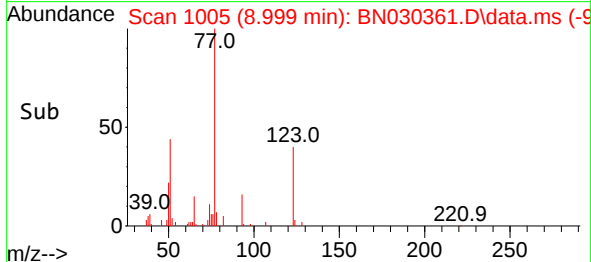
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT1-2024-01



Tgt Ion: 77 Resp: 5008  
Ion Ratio Lower Upper  
77 100  
123 39.8 33.0 49.6  
65 14.5 10.9 16.3

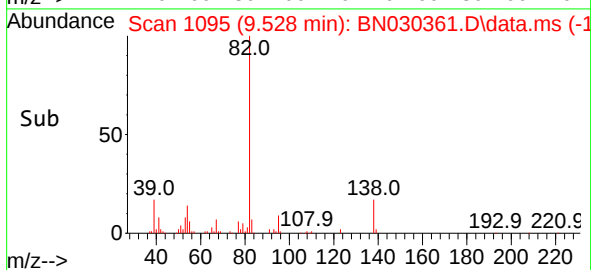
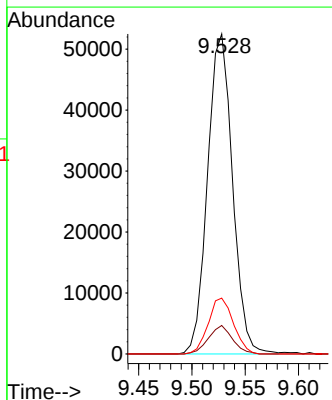
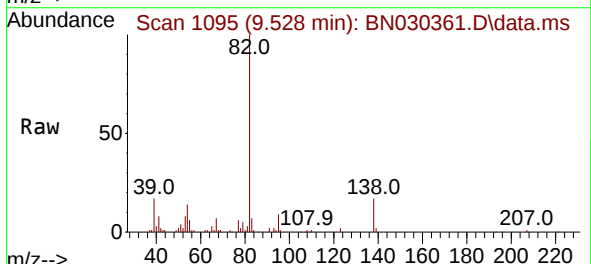
Manual Integrations  
APPROVED

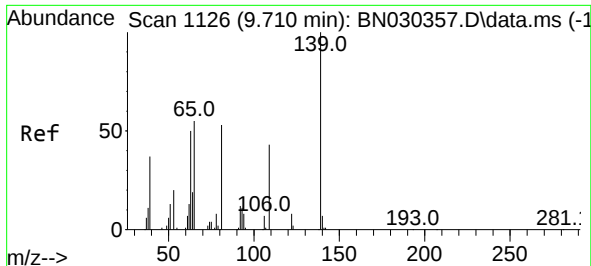
Reviewed By :Yogesh Patel 03/12/2024  
Supervised By :mohammad ahmed 03/12/2024



#23  
Isophorone  
Concen: 4.700 ng/ul  
RT: 9.528 min Scan# 1095  
Delta R.T. -0.000 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30

Tgt Ion: 82 Resp: 85506  
Ion Ratio Lower Upper  
82 100  
95 8.9 6.9 10.3  
138 17.5 13.8 20.8





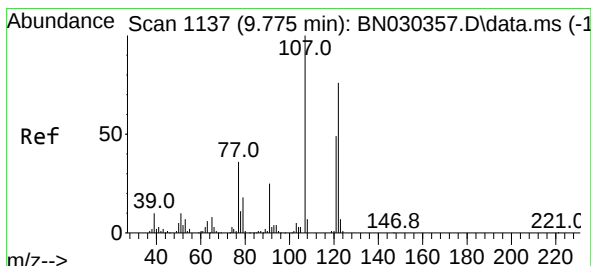
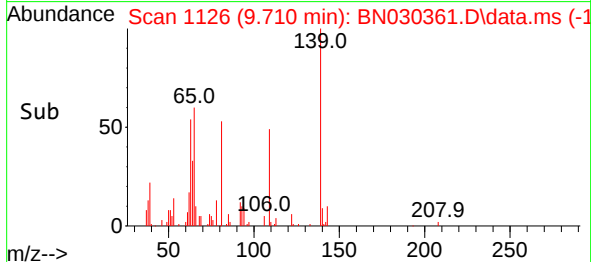
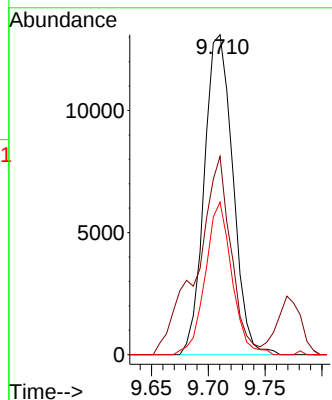
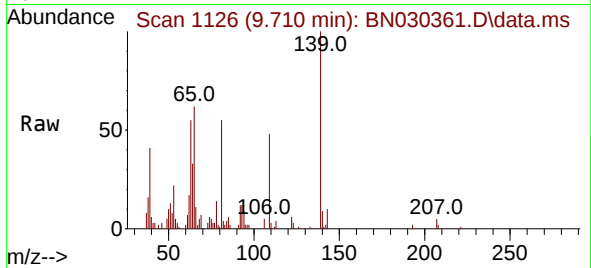
#25  
2-Nitrophenol  
Concen: 4.978 ng/ul  
RT: 9.710 min Scan# 1126  
Delta R.T. -0.000 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30

Instrument : BNA\_N  
ClientSampleId : MDL-MED-SOIL-QT1-2024-01

Tgt Ion:139 Resp: 22920  
Ion Ratio Lower Upper  
139 100  
65 61.9 46.2 69.2  
109 47.7 34.6 51.8

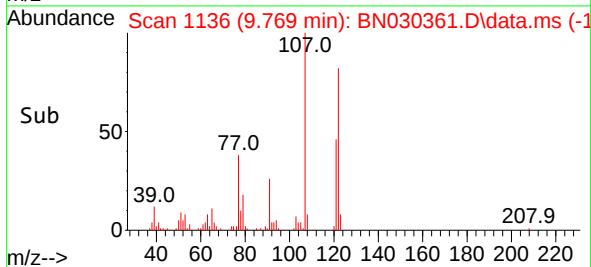
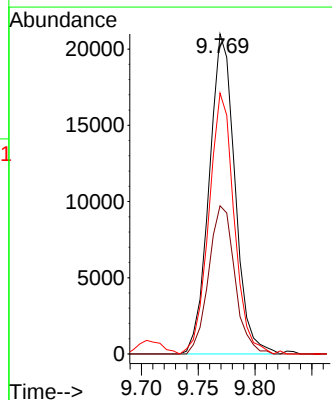
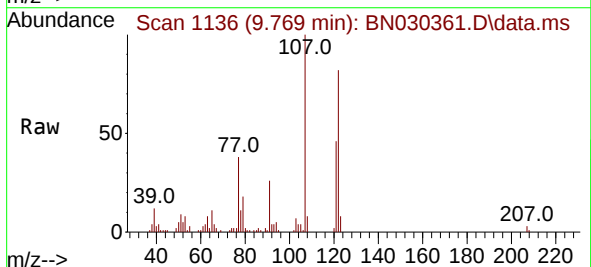
Manual Integrations  
APPROVED

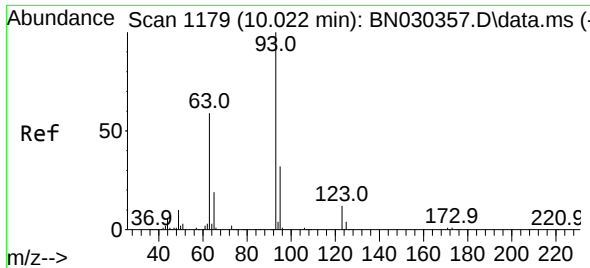
Reviewed By :Yogesh Patel 03/12/2024  
Supervised By :mohammad ahmed 03/12/2024



#26  
2,4-Dimethylphenol  
Concen: 3.483 ng/ul  
RT: 9.769 min Scan# 1136  
Delta R.T. -0.006 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30

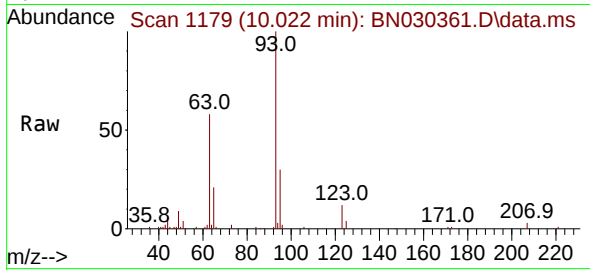
Tgt Ion:107 Resp: 33114  
Ion Ratio Lower Upper  
107 100  
121 46.3 37.1 55.7  
122 81.5 64.9 97.3





#27  
Bis(2-Chloroethoxy)methane  
Concen: 4.683 ng/ul  
RT: 10.022 min Scan# 1179  
Delta R.T. -0.000 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30

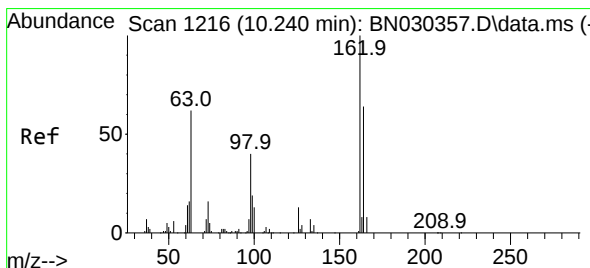
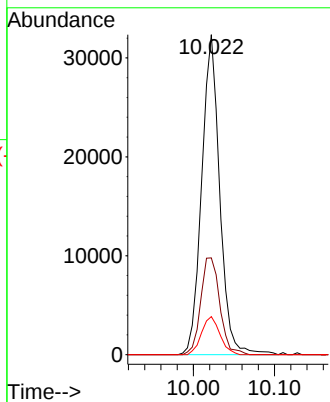
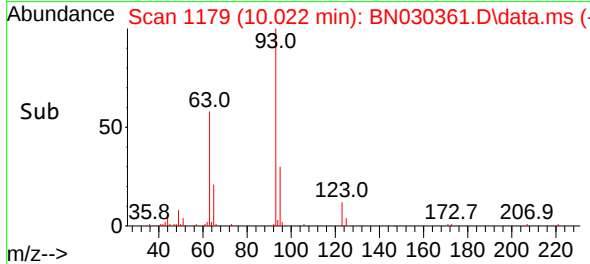
Instrument : BNA\_N  
ClientSampleId : MDL-MED-SOIL-QT1-2024-01



Tgt Ion: 93 Resp: 4997  
Ion Ratio Lower Upper  
93 100  
95 30.3 25.7 38.5  
123 11.9 9.3 13.9

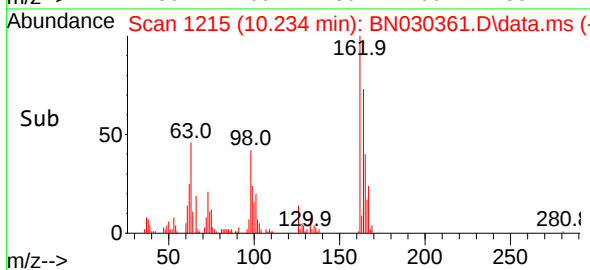
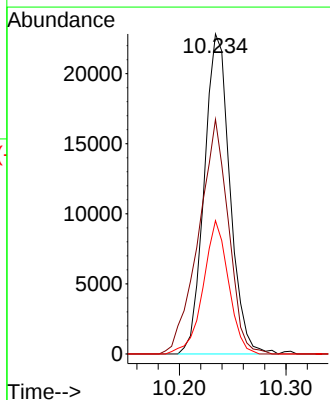
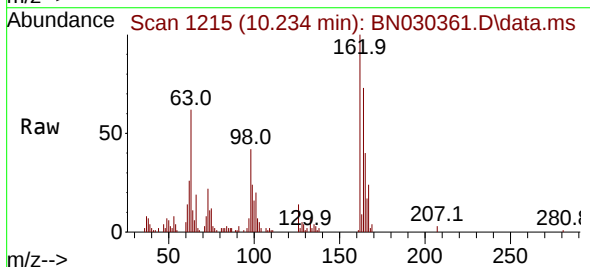
Manual Integrations  
APPROVED

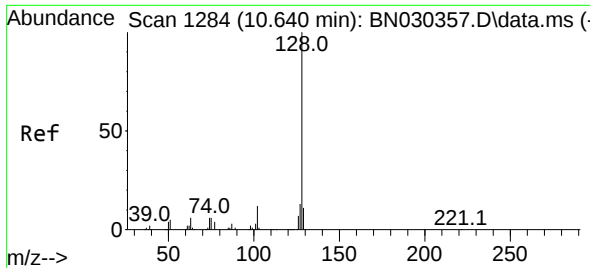
Reviewed By :Yogesh Patel 03/12/2024  
Supervised By :mohammad ahmed 03/12/2024



#29  
2,4-Dichlorophenol  
Concen: 4.981 ng/ul  
RT: 10.234 min Scan# 1215  
Delta R.T. -0.006 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30

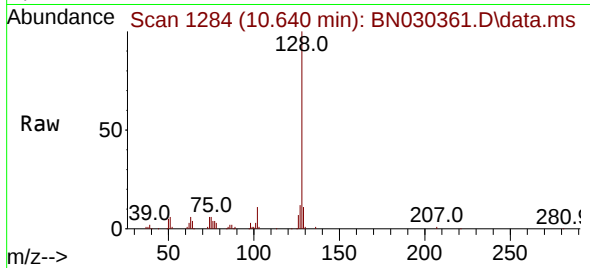
Tgt Ion:162 Resp: 38146  
Ion Ratio Lower Upper  
162 100  
164 73.3 51.0 76.4  
98 41.7 31.2 46.8





#30  
Naphthalene  
Concen: 5.050 ng/ul  
RT: 10.640 min Scan# 1284  
Delta R.T. -0.000 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30

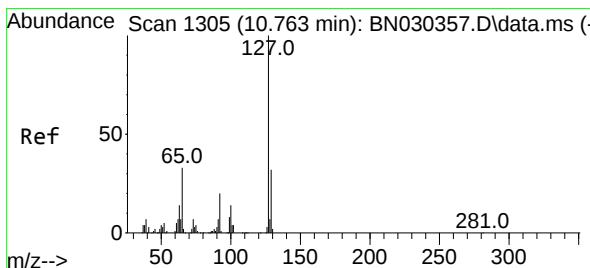
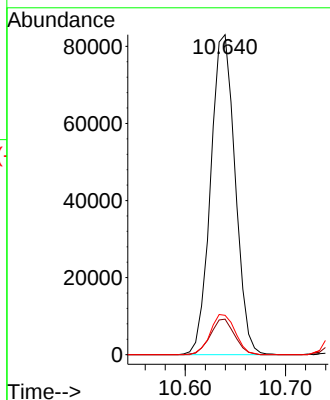
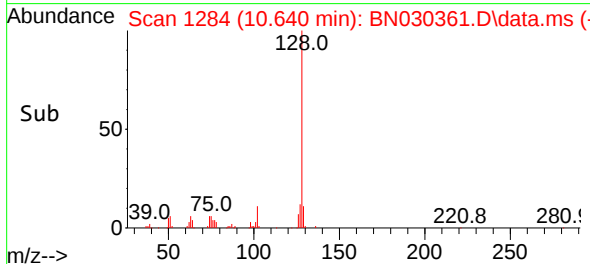
Instrument : BNA\_N  
ClientSampleId : MDL-MED-SOIL-QT1-2024-01



Tgt Ion:128 Resp: 140889  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.8 13.2  
127 12.3 11.0 16.4

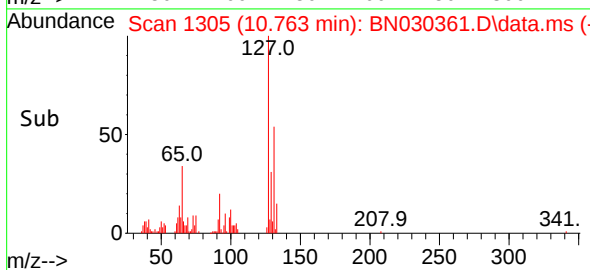
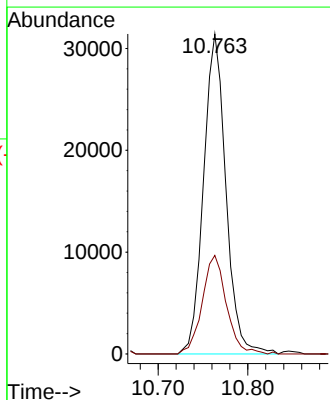
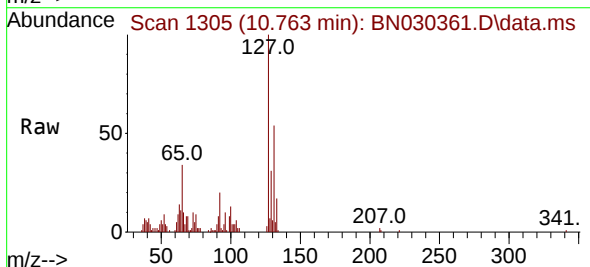
Manual Integrations  
APPROVED

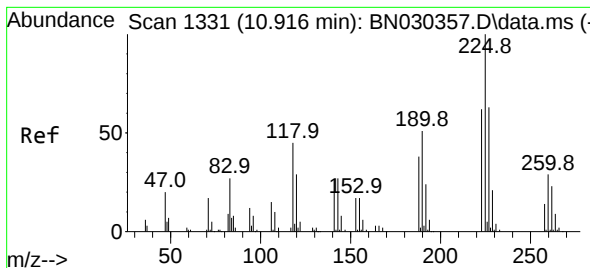
Reviewed By :Yogesh Patel 03/12/2024  
Supervised By :mohammad ahmed 03/12/2024



#32  
4-Chloroaniline  
Concen: 4.935 ng/ul  
RT: 10.763 min Scan# 1305  
Delta R.T. -0.000 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30

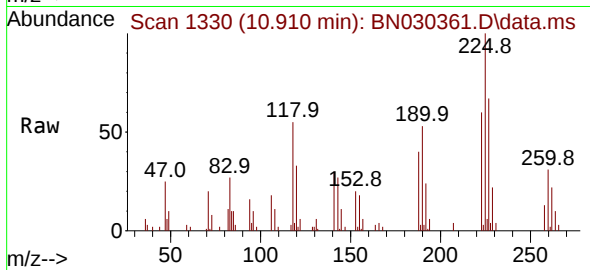
Tgt Ion:127 Resp: 54318  
Ion Ratio Lower Upper  
127 100  
129 30.8 25.4 38.0





#33  
Hexachlorobutadiene  
Concen: 4.879 ng/ul  
RT: 10.910 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30

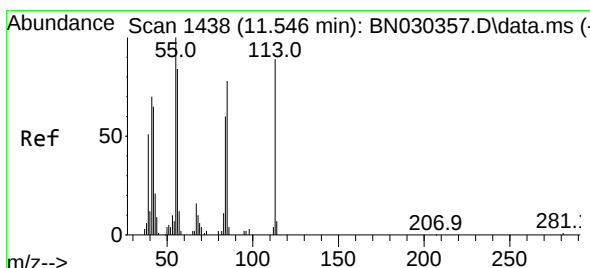
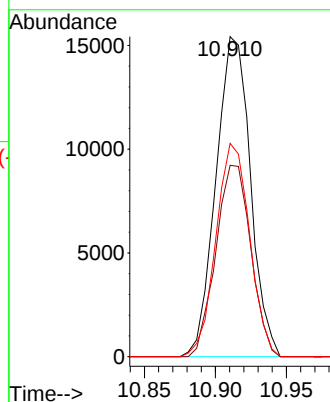
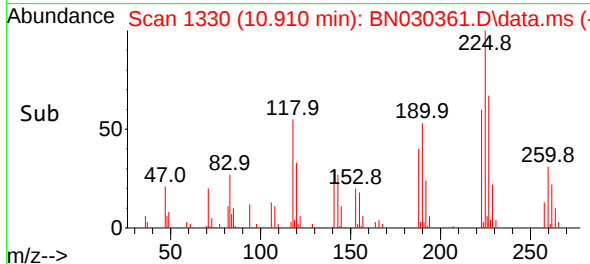
Instrument :  
BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT1-2024-01



Tgt Ion:225 Resp: 2606  
Ion Ratio Lower Upper  
225 100  
223 59.8 48.9 73.3  
227 66.7 52.8 79.2

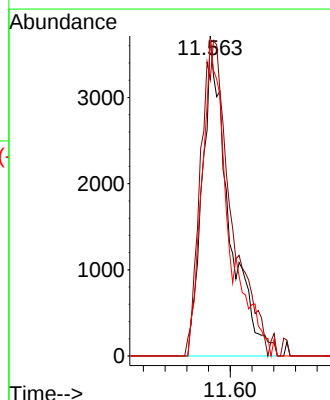
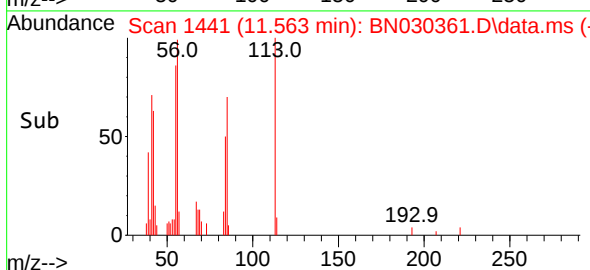
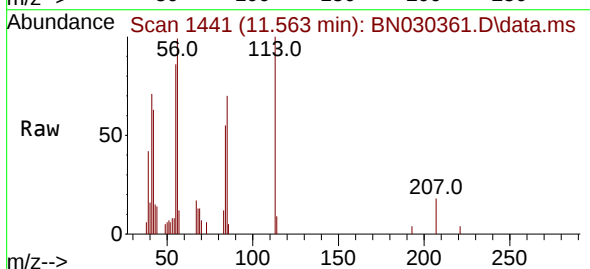
Manual Integrations  
APPROVED

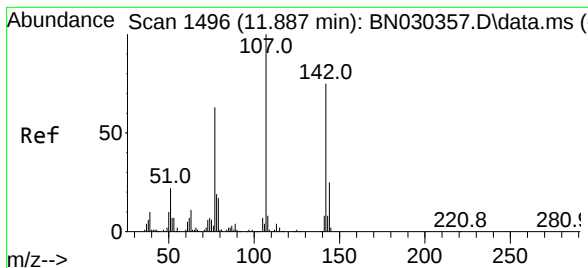
Reviewed By :Yogesh Patel 03/12/2024  
Supervised By :mohammad ahmed 03/12/2024



#34  
Caprolactam  
Concen: 5.450 ng/ul m  
RT: 11.563 min Scan# 1441  
Delta R.T. 0.018 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30

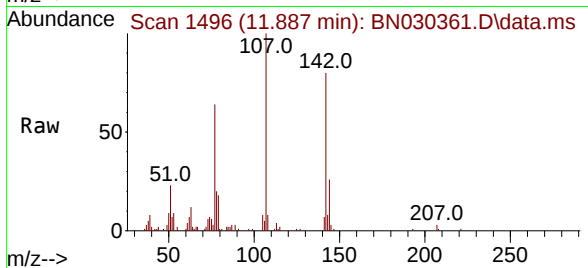
Tgt Ion:113 Resp: 12429  
Ion Ratio Lower Upper  
113 100  
55 86.3 102.1 153.1#  
56 99.1 90.8 136.2





#35  
4-Chloro-3-methylphenol  
Concen: 4.846 ng/ul  
RT: 11.887 min Scan# 1496  
Delta R.T. -0.000 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30

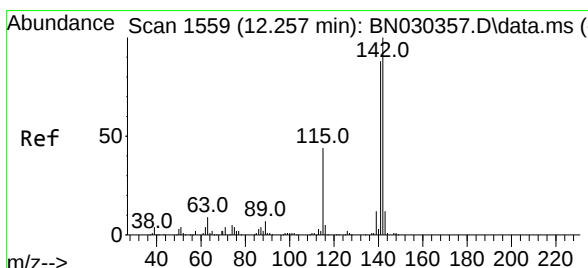
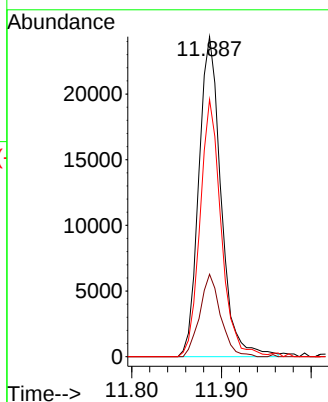
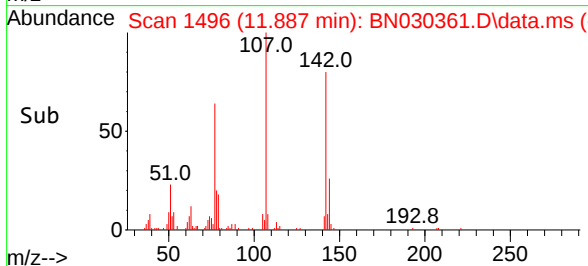
Instrument : BNA\_N  
ClientSampleId : MDL-MED-SOIL-QT1-2024-01



Tgt Ion:107 Resp: 41994  
Ion Ratio Lower Upper  
107 100  
144 25.7 18.1 27.1  
142 80.4 56.3 84.5

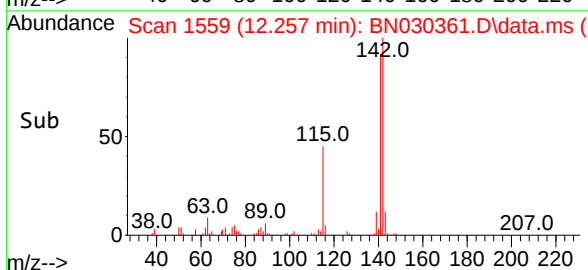
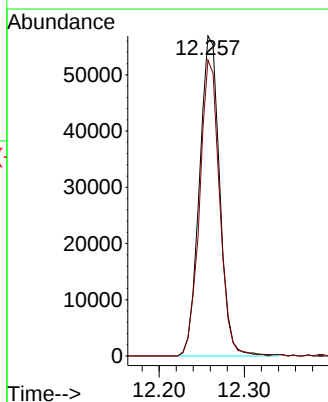
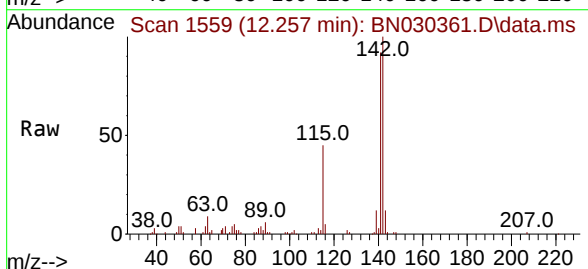
Manual Integrations  
APPROVED

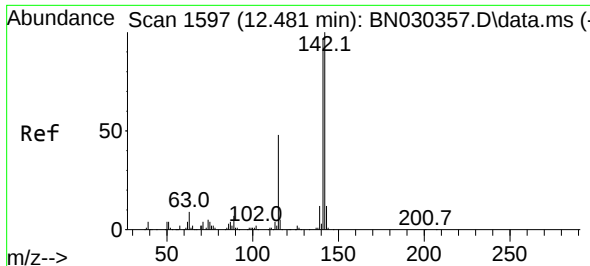
Reviewed By :Yogesh Patel 03/12/2024  
Supervised By :mohammad ahmed 03/12/2024



#36  
2-Methylnaphthalene  
Concen: 5.168 ng/ul  
RT: 12.257 min Scan# 1559  
Delta R.T. -0.006 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30

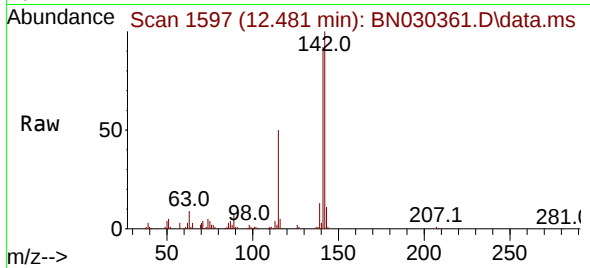
Tgt Ion:142 Resp: 93895  
Ion Ratio Lower Upper  
142 100  
141 92.5 72.3 108.5





#37  
1-Methylnaphthalene  
Concen: 5.437 ng/ul  
RT: 12.481 min Scan# 1597  
Delta R.T. -0.000 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30

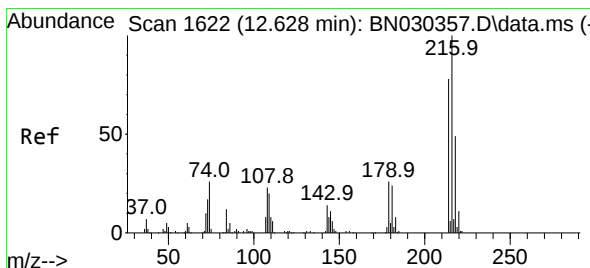
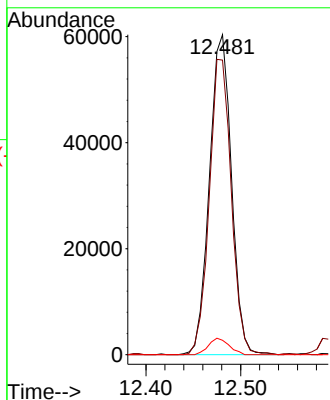
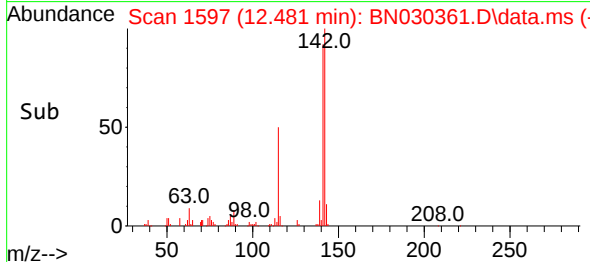
Instrument : BNA\_N  
ClientSampleId : MDL-MED-SOIL-QT1-2024-01



Tgt Ion:142 Resp: 97660  
Ion Ratio Lower Upper  
142 100  
141 92.0 71.7 107.5  
116 4.5 3.7 5.5

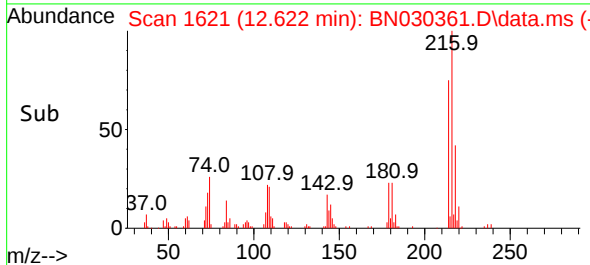
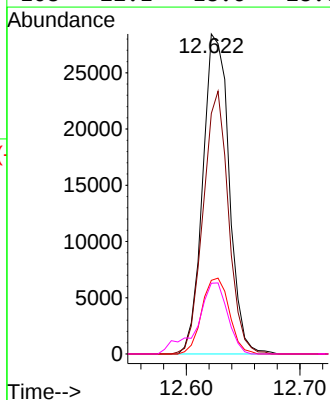
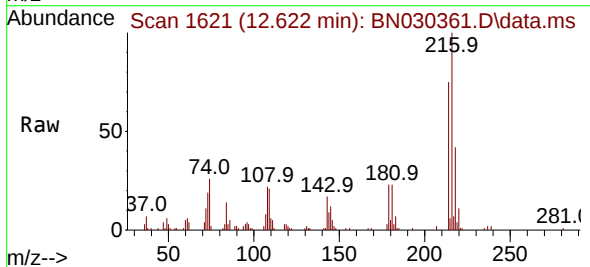
Manual Integrations  
APPROVED

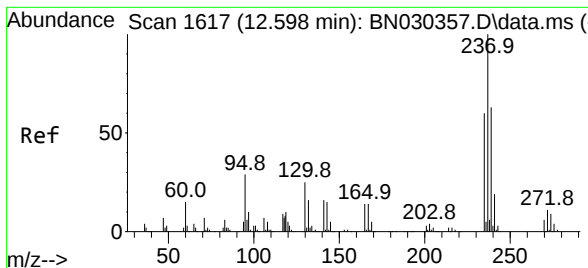
Reviewed By :Yogesh Patel 03/12/2024  
Supervised By :mohammad ahmed 03/12/2024



#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 4.819 ng/ul  
RT: 12.622 min Scan# 1621  
Delta R.T. -0.006 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30

Tgt Ion:216 Resp: 45789  
Ion Ratio Lower Upper  
216 100  
214 75.1 61.1 91.7  
179 23.0 19.4 29.2  
108 22.1 18.6 28.0





#40

Hexachlorocyclopentadiene

Concen: 4.464 ng/ul

RT: 12.598 min Scan# 1617

Delta R.T. -0.000 min

Lab File: BN030361.D

Acq: 11 Mar 2024 15:30

Instrument :

BNA\_N

ClientSampleId :

MDL-MED-SOIL-QT1-2024-01

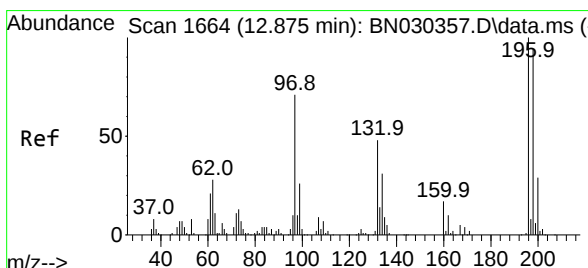
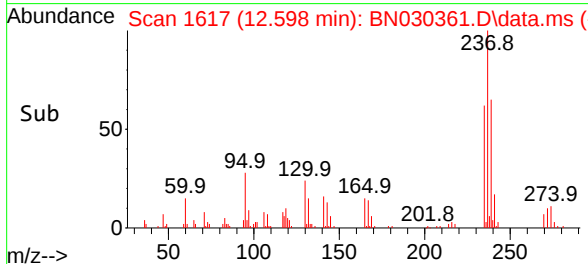
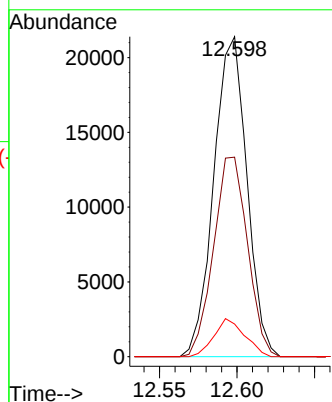
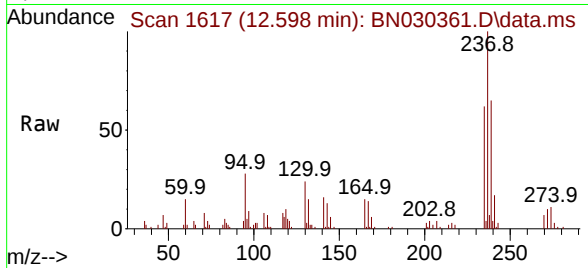
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:237 | Resp: | 31774     |
| Ion Ratio   | Lower | Upper     |
| 237         | 100   |           |
| 235         | 62.4  | 54.2 81.4 |
| 272         | 10.2  | 11.4 17.0 |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/12/2024

Supervised By :mohammad ahmed 03/12/2024



#41

2,4,6-Trichlorophenol

Concen: 4.671 ng/ul

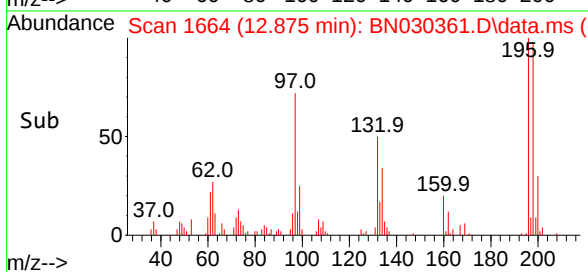
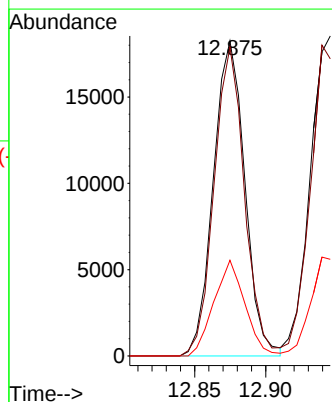
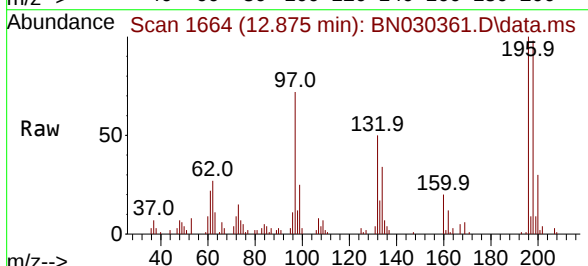
RT: 12.875 min Scan# 1664

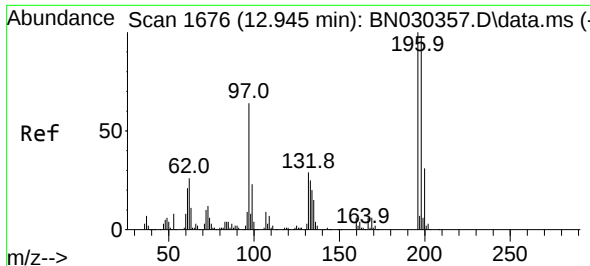
Delta R.T. -0.000 min

Lab File: BN030361.D

Acq: 11 Mar 2024 15:30

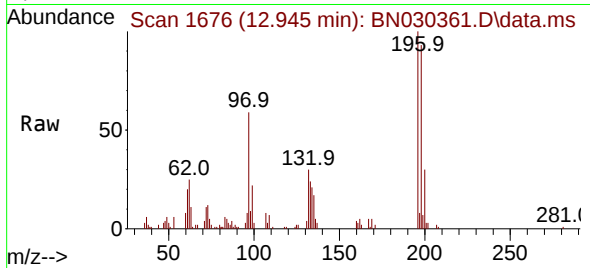
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:196 | Resp: | 28159      |
| Ion Ratio   | Lower | Upper      |
| 196         | 100   |            |
| 198         | 98.0  | 73.8 110.8 |
| 200         | 30.4  | 25.1 37.7  |





#42  
2,4,5-Trichlorophenol  
Concen: 4.699 ng/ul  
RT: 12.945 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30

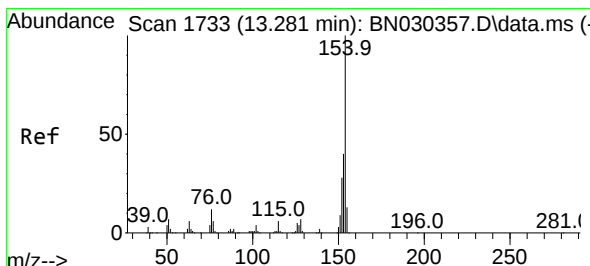
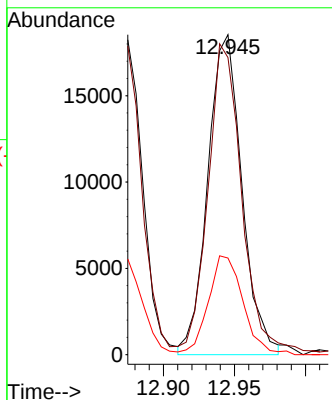
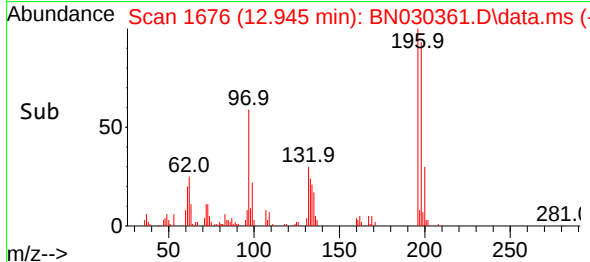
Instrument : BNA\_N  
ClientSampleId : MDL-MED-SOIL-QT1-2024-01



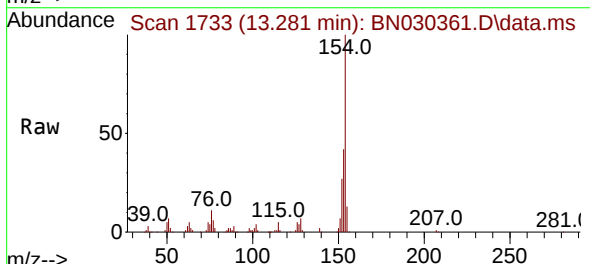
Tgt Ion:196 Resp: 30954  
Ion Ratio Lower Upper  
196 100  
198 92.8 76.6 114.8  
200 30.2 25.0 37.6

Manual Integrations  
APPROVED

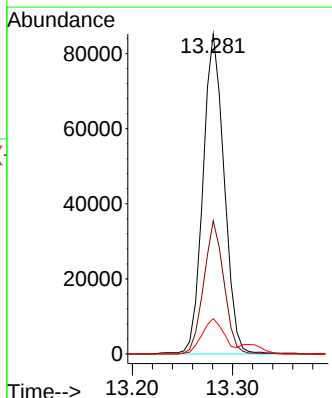
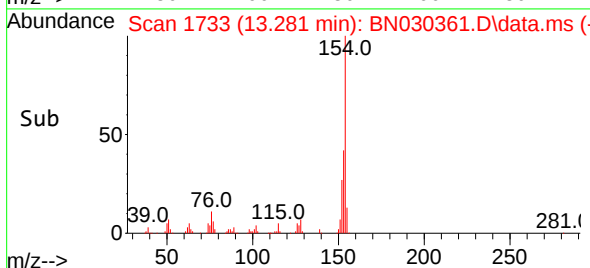
Reviewed By :Yogesh Patel 03/12/2024  
Supervised By :mohammad ahmed 03/12/2024

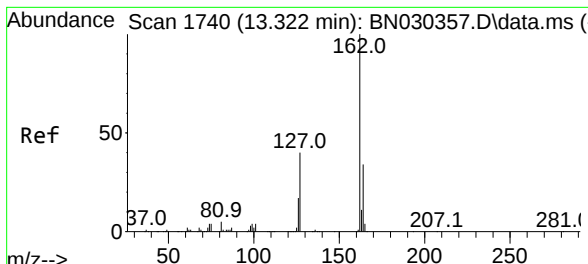


#43  
1,1'-Biphenyl  
Concen: 4.924 ng/ul  
RT: 13.281 min Scan# 1733  
Delta R.T. -0.006 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30



Tgt Ion:154 Resp: 125057  
Ion Ratio Lower Upper  
154 100  
153 41.6 31.4 47.0  
76 11.1 9.1 13.7





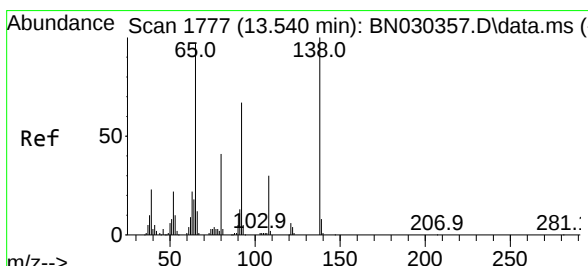
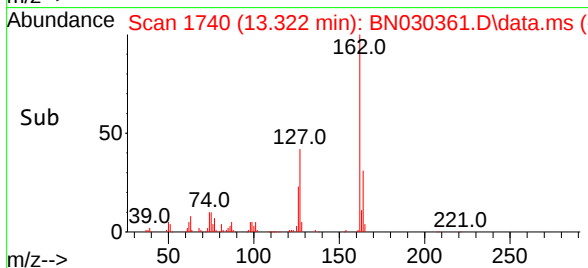
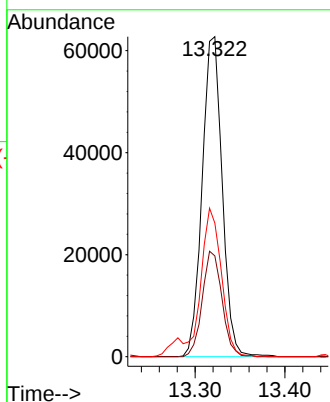
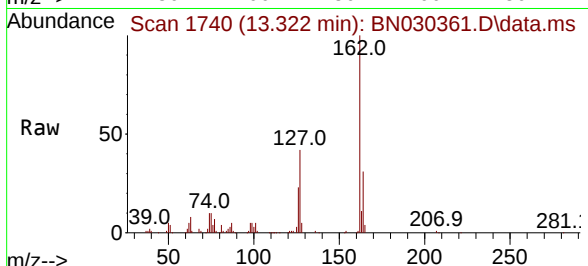
#44  
2-Chloronaphthalene  
Concen: 4.939 ng/ul  
RT: 13.322 min Scan# 1740  
Delta R.T. -0.000 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30

Instrument : BNA\_N  
ClientSampleId : MDL-MED-SOIL-QT1-2024-01

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 162   | Resp: | 9741 |
| Ion Ratio | Lower | Upper |      |
| 162       | 100   |       |      |
| 164       | 31.5  | 26.1  | 39.1 |
| 127       | 41.8  | 37.3  | 55.9 |

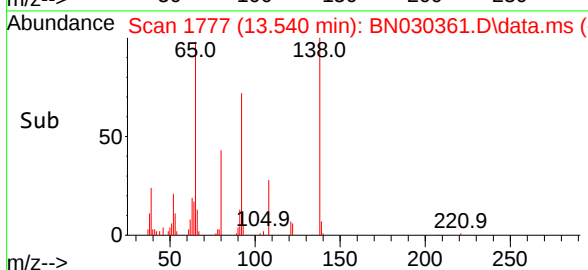
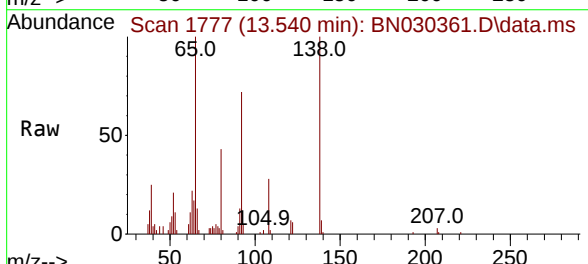
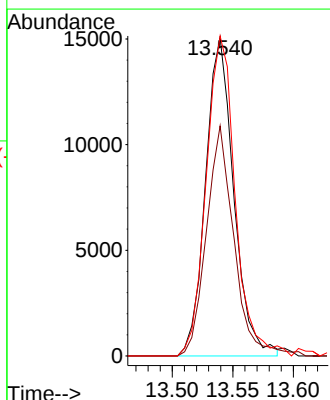
Manual Integrations  
APPROVED

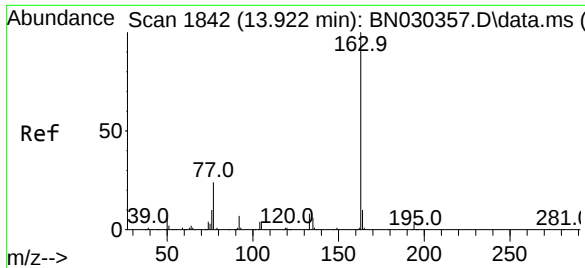
Reviewed By :Yogesh Patel 03/12/2024  
Supervised By :mohammad ahmed 03/12/2024



#45  
2-Nitroaniline  
Concen: 4.291 ng/ul m  
RT: 13.540 min Scan# 1777  
Delta R.T. -0.000 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30

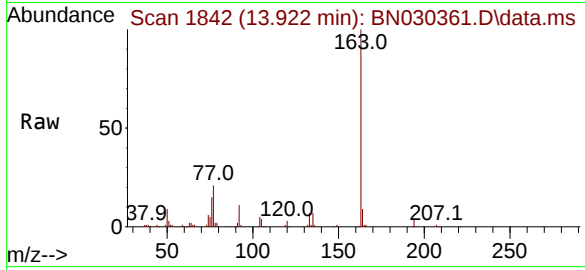
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 65    | Resp: | 24400 |
| Ion Ratio | Lower | Upper |       |
| 65        | 100   |       |       |
| 92        | 72.2  | 53.4  | 80.0  |
| 138       | 100.5 | 79.8  | 119.6 |





#47  
Dimethylphthalate  
Concen: 5.285 ng/ul  
RT: 13.922 min Scan# 1842  
Delta R.T. -0.000 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30

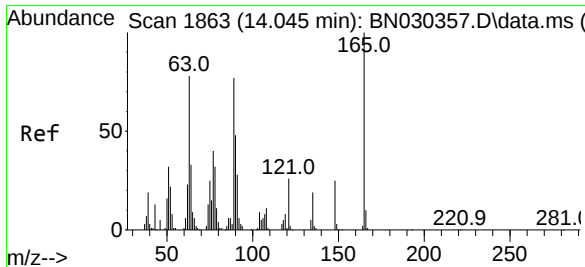
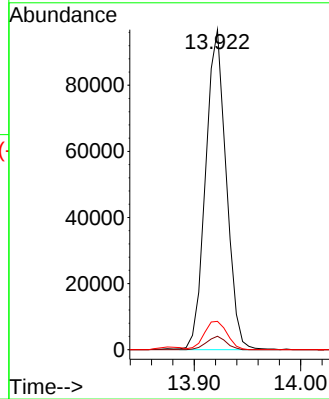
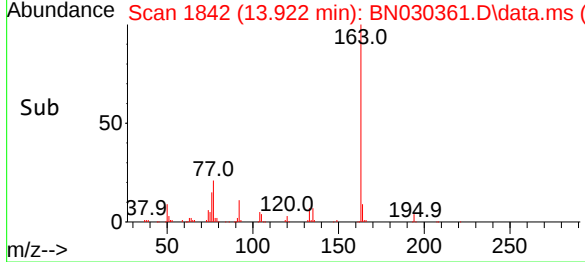
Instrument : BNA\_N  
ClientSampleId : MDL-MED-SOIL-QT1-2024-01



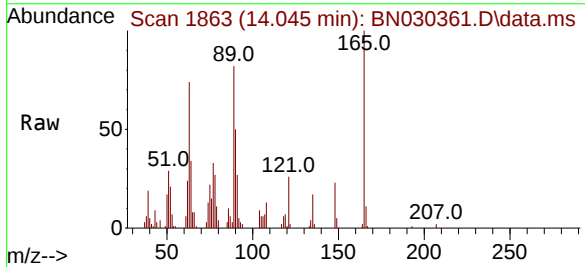
Tgt Ion:163 Resp: 13032  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.0 4.4  
164 8.9 8.0 12.0

Manual Integrations  
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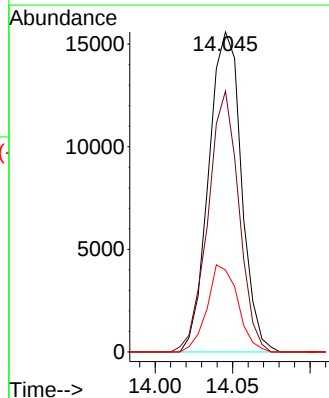
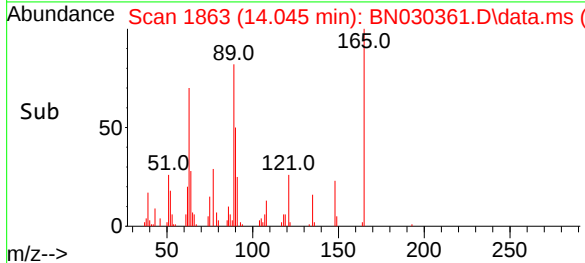
Reviewed By :Yogesh Patel 03/12/2024  
Supervised By :mohammad ahmed 03/12/2024

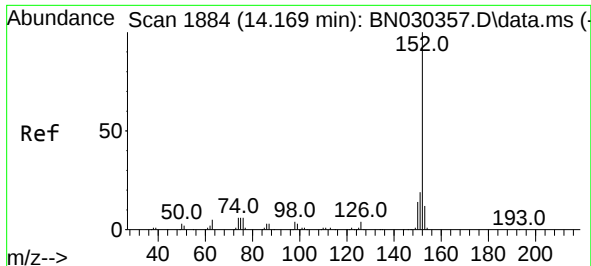


#48  
2,6-Dinitrotoluene  
Concen: 4.806 ng/ul  
RT: 14.045 min Scan# 1863  
Delta R.T. -0.006 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30



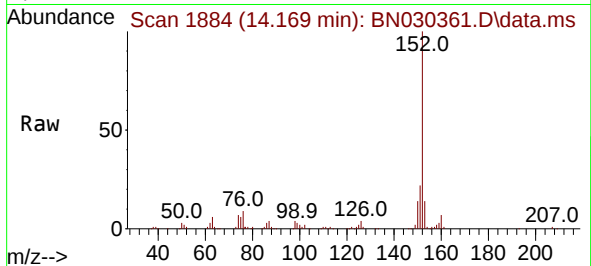
Tgt Ion:165 Resp: 22887  
Ion Ratio Lower Upper  
165 100  
89 81.6 58.1 87.1  
121 25.6 20.4 30.6





#50  
Acenaphthylene  
Concen: 4.997 ng/ul  
RT: 14.169 min Scan# 1884  
Delta R.T. -0.000 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30

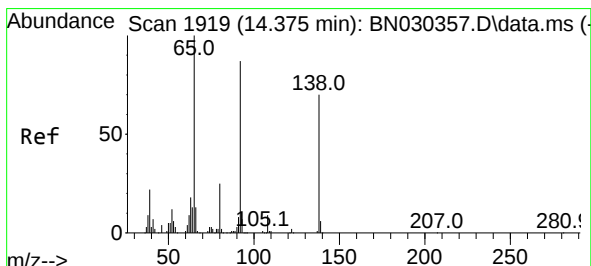
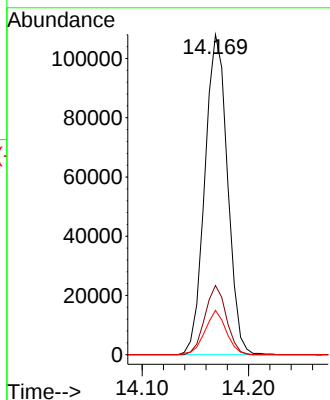
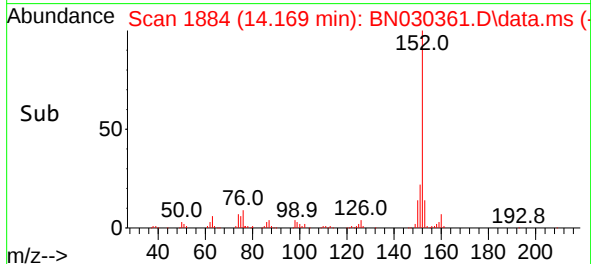
Instrument : BNA\_N  
ClientSampleId : MDL-MED-SOIL-QT1-2024-01



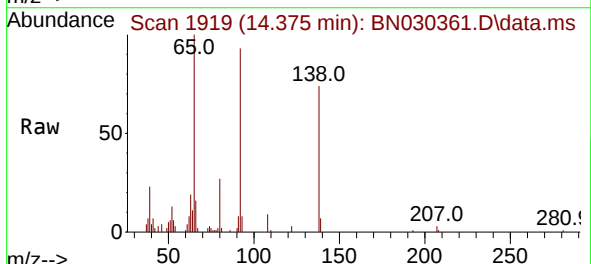
Tgt Ion:152 Resp: 159808  
Ion Ratio Lower Upper  
152 100  
151 21.6 15.8 23.6  
153 13.9 10.7 16.1

Manual Integrations  
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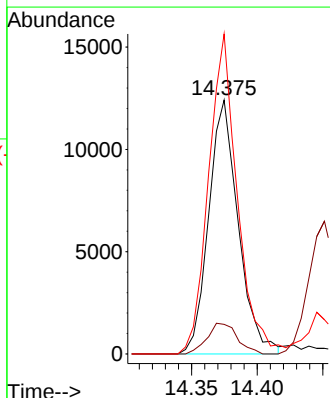
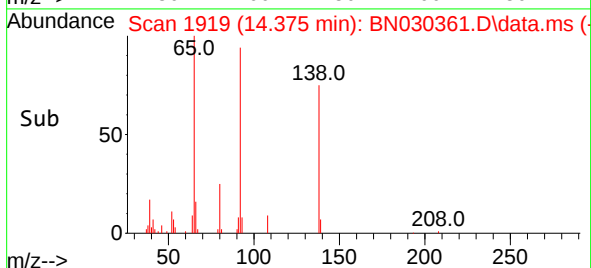
Reviewed By :Yogesh Patel 03/12/2024  
Supervised By :mohammad ahmed 03/12/2024

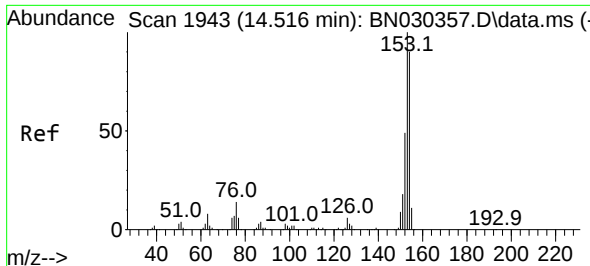


#51  
3-Nitroaniline  
Concen: 4.179 ng/ul  
RT: 14.375 min Scan# 1919  
Delta R.T. -0.000 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30



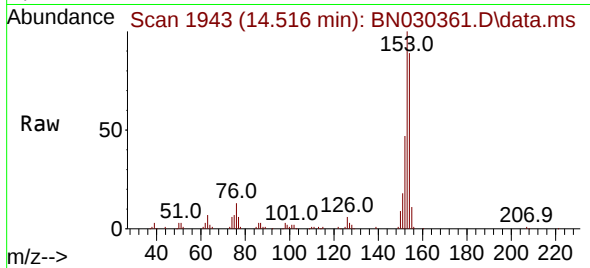
Tgt Ion:138 Resp: 19500  
Ion Ratio Lower Upper  
138 100  
108 11.7 8.6 12.8  
92 126.0 93.3 139.9





#52  
Acenaphthene  
Concen: 5.021 ng/ul  
RT: 14.516 min Scan# 1943  
Delta R.T. -0.000 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30

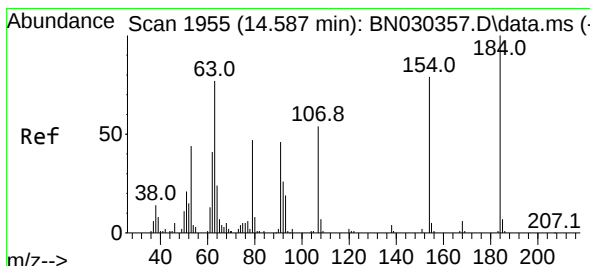
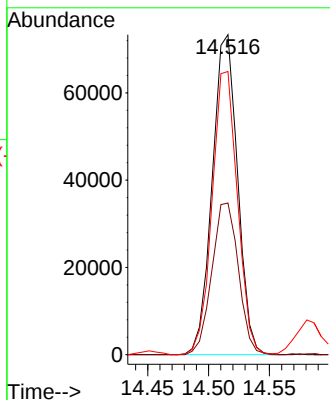
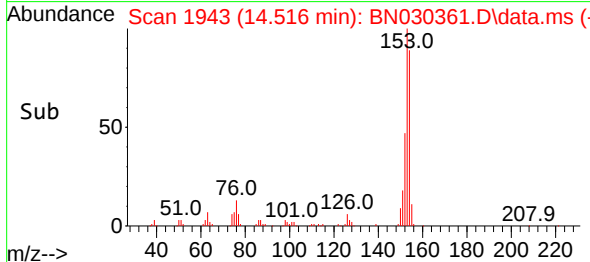
Instrument : BNA\_N  
ClientSampleId : MDL-MED-SOIL-QT1-2024-01



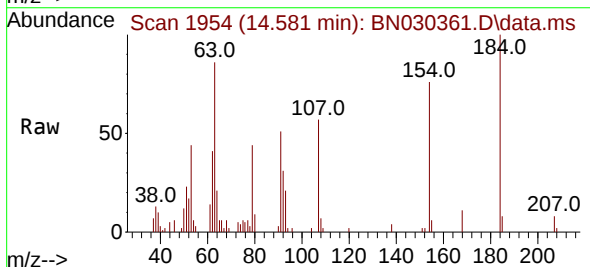
Tgt Ion:153 Resp: 10637  
Ion Ratio Lower Upper  
153 100  
152 47.4 38.5 57.7  
154 88.5 70.6 105.8

Manual Integrations  
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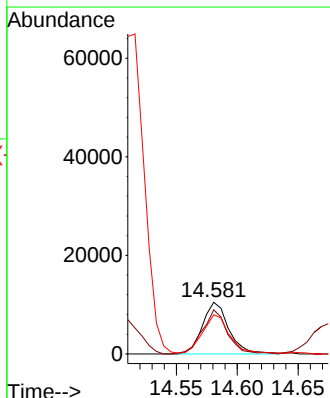
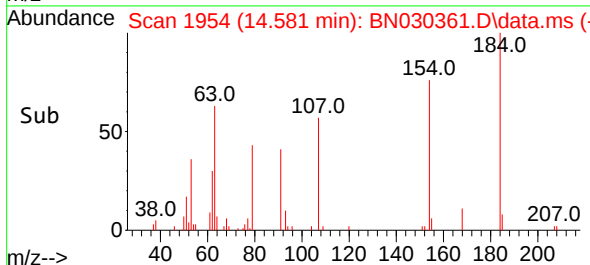
Reviewed By :Yogesh Patel 03/12/2024  
Supervised By :mohammad ahmed 03/12/2024

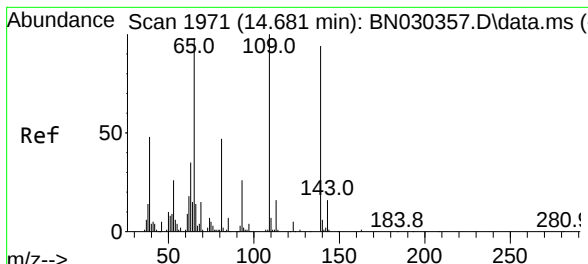


#53  
2,4-Dinitrophenol  
Concen: 5.919 ng/ul  
RT: 14.581 min Scan# 1954  
Delta R.T. -0.000 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30



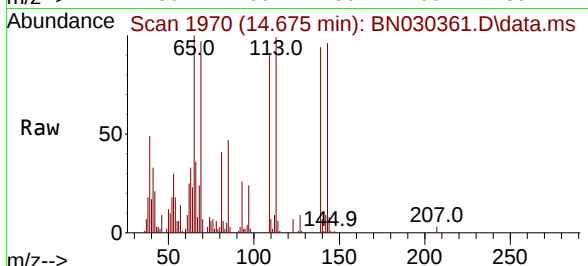
Tgt Ion:184 Resp: 15838  
Ion Ratio Lower Upper  
184 100  
63 85.6 66.7 100.1  
154 76.0 65.4 98.2





#55  
 4-Nitrophenol  
 Concen: 5.319 ng/ul  
 RT: 14.675 min Scan# 1970  
 Delta R.T. -0.006 min  
 Lab File: BN030361.D  
 Acq: 11 Mar 2024 15:30

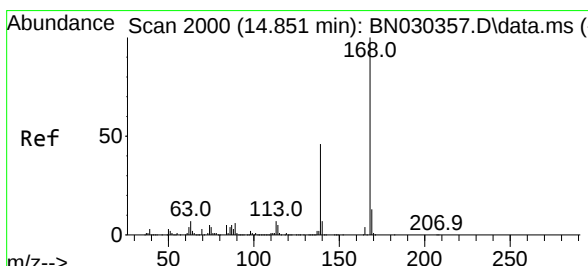
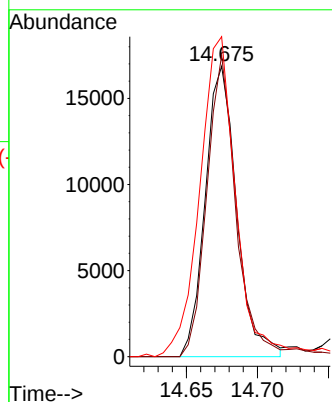
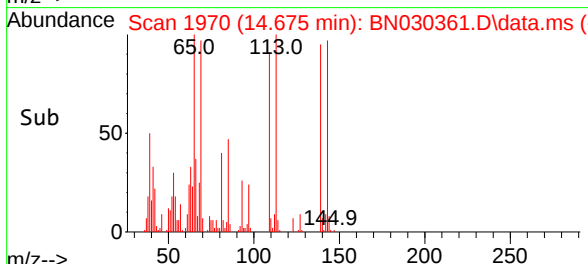
Instrument : BNA\_N  
 ClientSampleId : MDL-MED-SOIL-QT1-2024-01



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 109   | Resp: | 2594  |
| Ion      | Ratio | Lower | Upper |
| 109      | 100   |       |       |
| 139      | 103.8 | 77.0  | 115.4 |
| 65       | 110.2 | 81.6  | 122.4 |

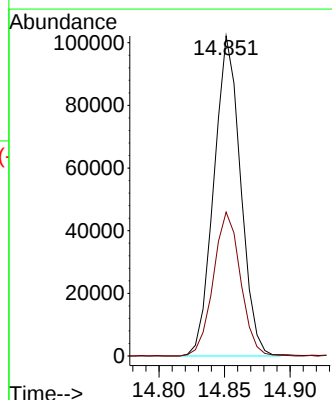
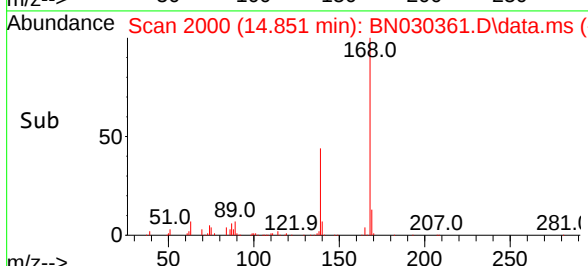
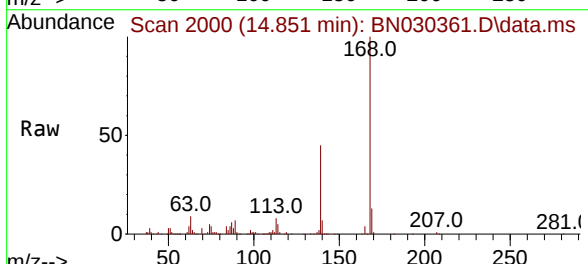
Manual Integrations  
 APPROVED

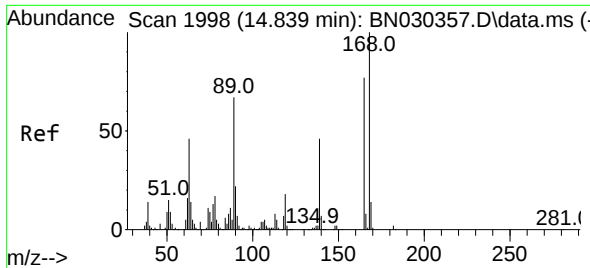
Reviewed By :Yogesh Patel 03/12/2024  
 Supervised By :mohammad ahmed 03/12/2024



#56  
 Dibenzofuran  
 Concen: 5.108 ng/ul  
 RT: 14.851 min Scan# 2000  
 Delta R.T. -0.000 min  
 Lab File: BN030361.D  
 Acq: 11 Mar 2024 15:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 168   | Resp: | 144336 |
| Ion      | Ratio | Lower | Upper  |
| 168      | 100   |       |        |
| 139      | 44.9  | 35.4  | 53.0   |





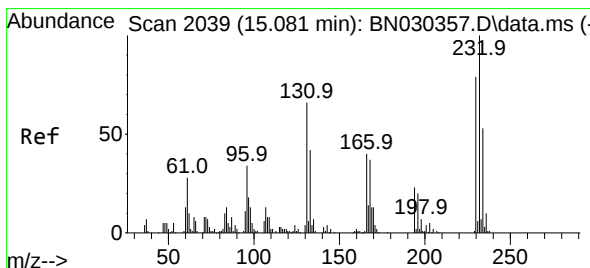
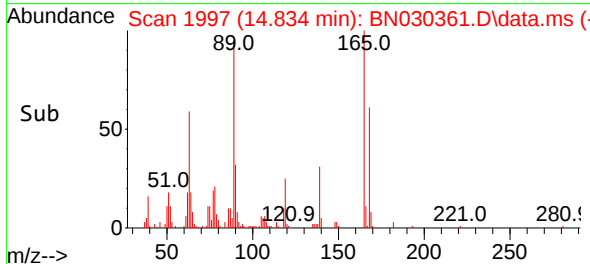
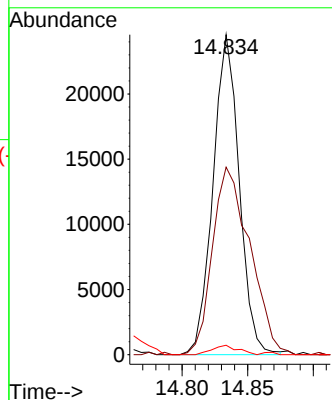
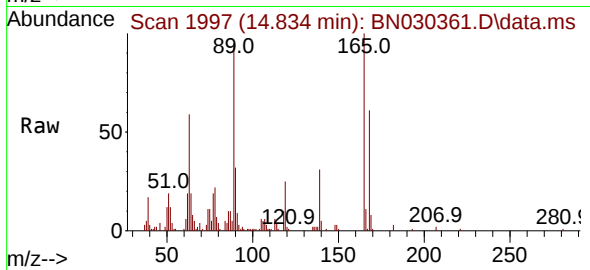
#57  
2,4-Dinitrotoluene  
Concen: 5.021 ng/ul  
RT: 14.834 min Scan# 1998  
Delta R.T. -0.000 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30

Instrument : BNA\_N  
ClientSampleId : MDL-MED-SOIL-QT1-2024-01

Tgt Ion:165 Resp: 3412  
Ion Ratio Lower Upper  
165 100  
63 58.6 48.6 72.8  
182 3.0 2.1 3.1

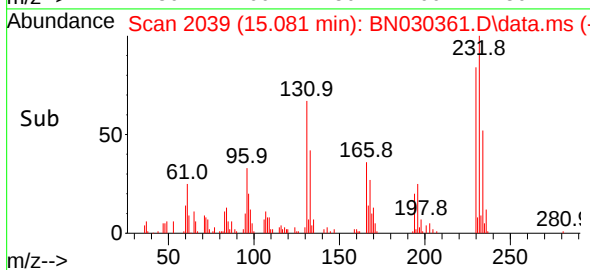
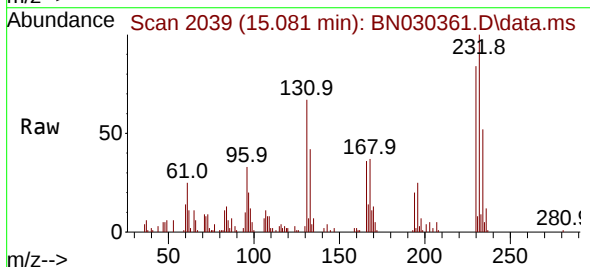
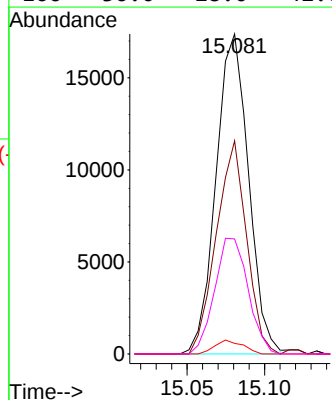
Manual Integrations  
APPROVED

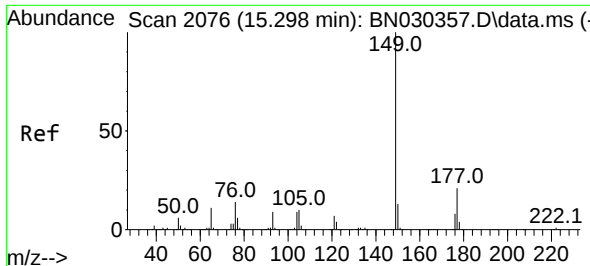
Reviewed By :Yogesh Patel 03/12/2024  
Supervised By :mohammad ahmed 03/12/2024



#58  
2,3,4,6-Tetrachlorophenol  
Concen: 4.787 ng/ul  
RT: 15.081 min Scan# 2039  
Delta R.T. -0.000 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30

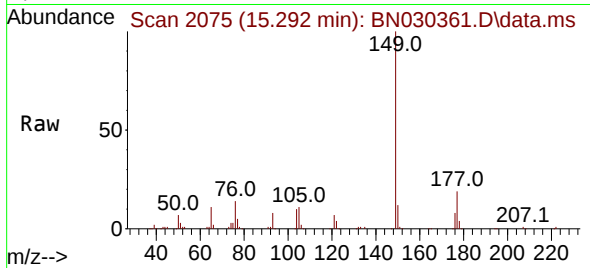
Tgt Ion:232 Resp: 25379  
Ion Ratio Lower Upper  
232 100  
131 66.6 46.4 69.6  
130 3.3 2.7 4.1  
166 36.0 28.0 42.0





#59  
Diethylphthalate  
Concen: 5.148 ng/ul  
RT: 15.292 min Scan# 2076  
Delta R.T. -0.006 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30

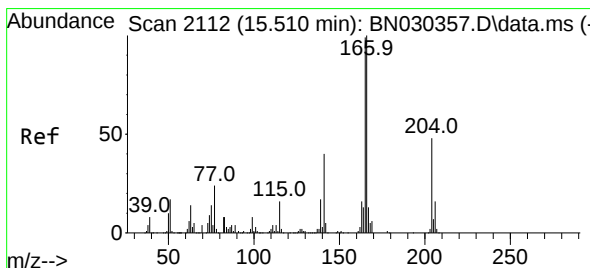
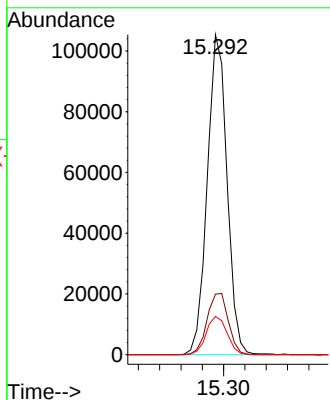
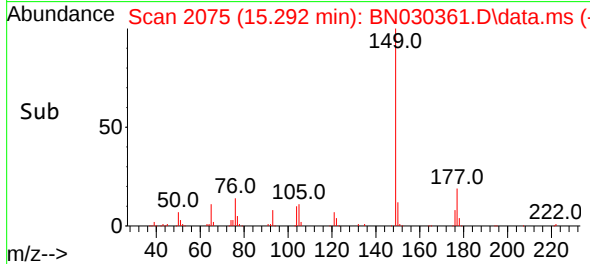
Instrument : BNA\_N  
ClientSampleId : MDL-MED-SOIL-QT1-2024-01



Tgt Ion:149 Resp: 13566  
Ion Ratio Lower Upper  
149 100  
177 18.9 16.0 24.0  
150 12.0 9.9 14.9

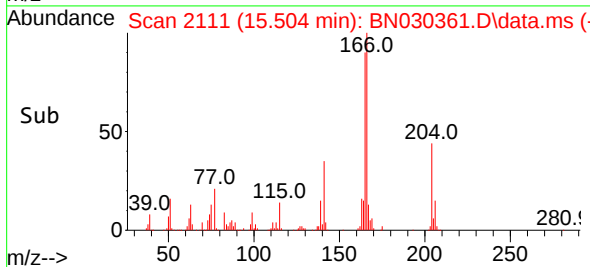
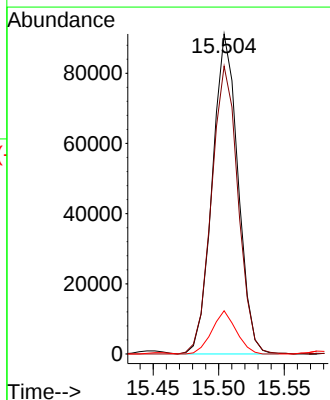
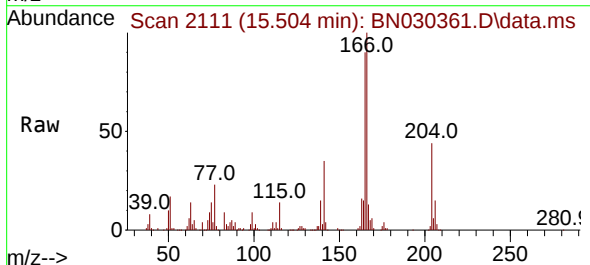
Manual Integrations  
APPROVED

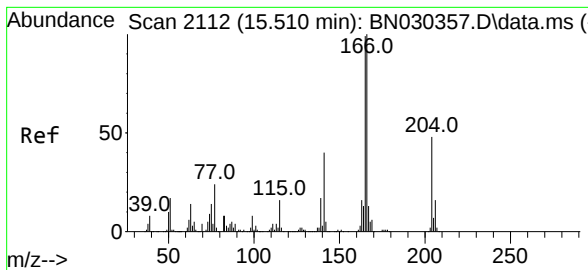
Reviewed By :Yogesh Patel 03/12/2024  
Supervised By :mohammad ahmed 03/12/2024



#61  
Fluorene  
Concen: 5.319 ng/ul  
RT: 15.504 min Scan# 2111  
Delta R.T. -0.000 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30

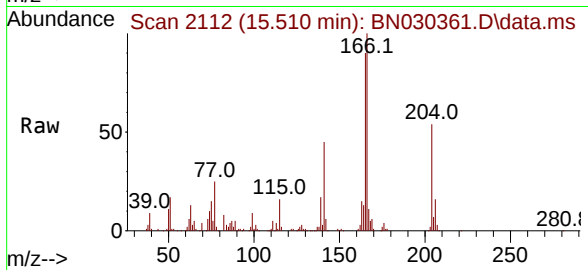
Tgt Ion:166 Resp: 124089  
Ion Ratio Lower Upper  
166 100  
165 89.9 80.1 120.1  
167 13.5 10.7 16.1





#62  
4-Chlorophenyl-phenylether  
Concen: 5.175 ng/ul  
RT: 15.510 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30

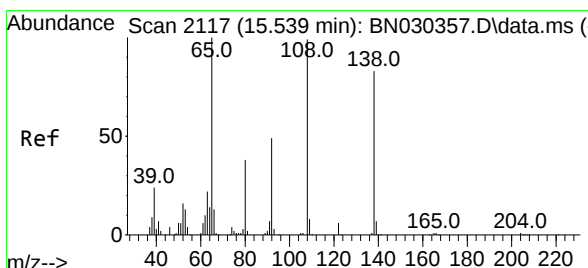
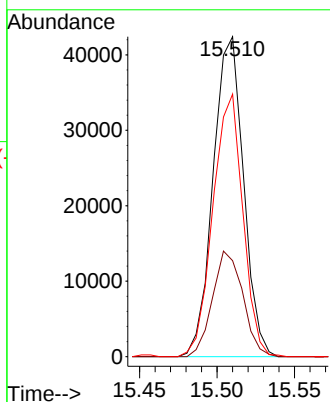
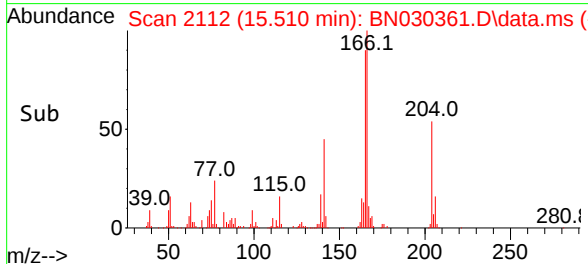
Instrument : BNA\_N  
ClientSampleId : MDL-MED-SOIL-QT1-2024-01



Tgt Ion:204 Resp: 5780  
Ion Ratio Lower Upper  
204 100  
206 30.0 26.6 40.0  
141 82.0 61.6 92.4

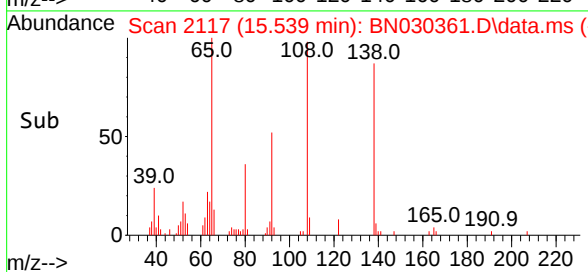
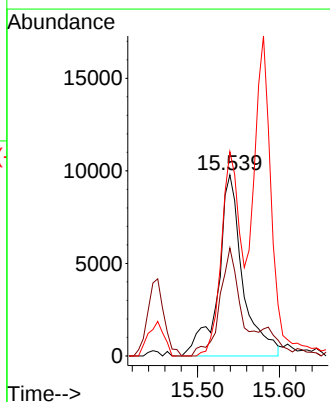
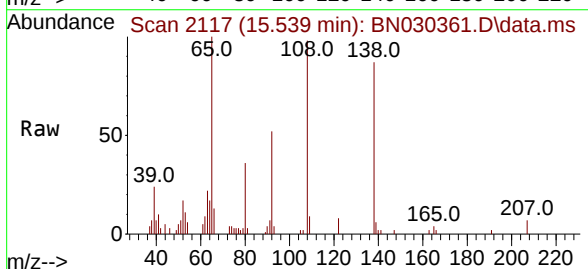
Manual Integrations  
APPROVED

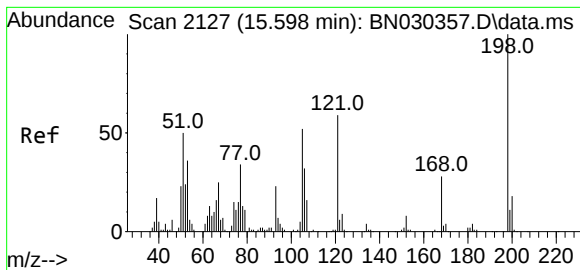
Reviewed By :Yogesh Patel 03/12/2024  
Supervised By :mohammad ahmed 03/12/2024



#63  
4-Nitroaniline  
Concen: 4.698 ng/ul m  
RT: 15.539 min Scan# 2117  
Delta R.T. -0.000 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30

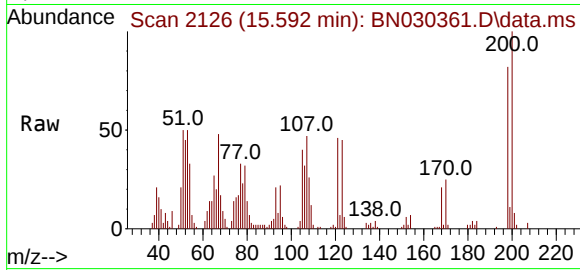
Tgt Ion:138 Resp: 20297  
Ion Ratio Lower Upper  
138 100  
92 59.6 46.2 69.4  
108 112.8 93.2 139.8





#66  
4,6-Dinitro-2-methylphenol  
Concen: 5.387 ng/ul  
RT: 15.592 min Scan# 2126  
Delta R.T. -0.006 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30

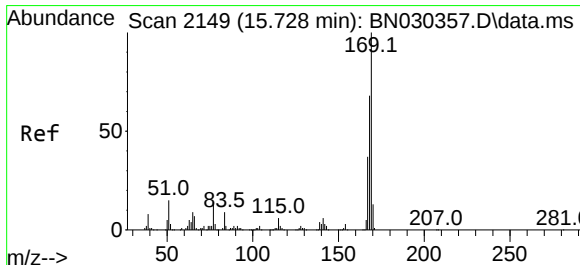
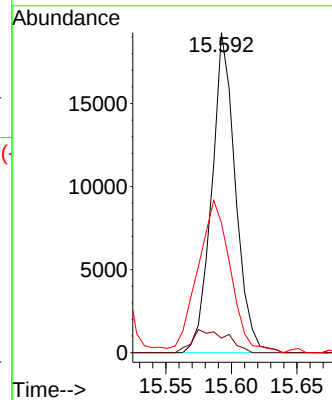
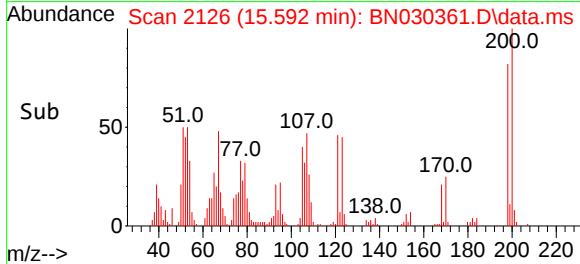
Instrument : BNA\_N  
ClientSampleId : MDL-MED-SOIL-QT1-2024-01



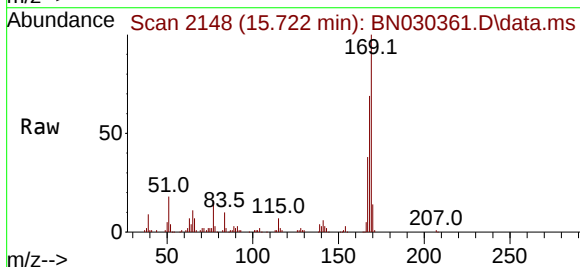
Tgt Ion:198 Resp: 2426  
Ion Ratio Lower Upper  
198 100  
182 4.6 3.0 4.4  
77 40.6 29.7 44.5

Manual Integrations  
APPROVED

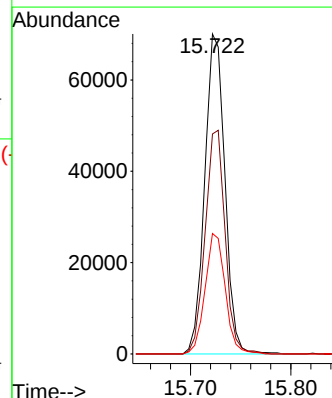
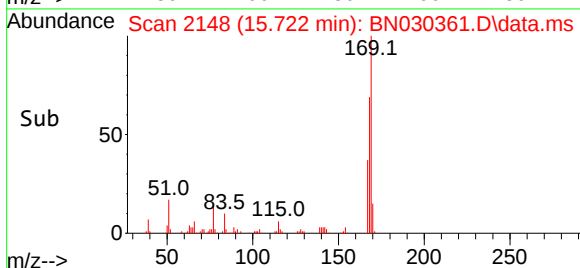
Reviewed By :Yogesh Patel 03/12/2024  
Supervised By :mohammad ahmed 03/12/2024

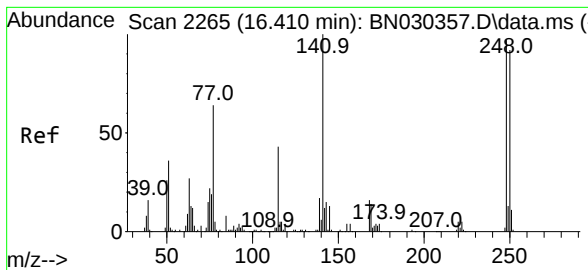


#67  
N-Nitrosodiphenylamine  
Concen: 4.656 ng/ul  
RT: 15.722 min Scan# 2148  
Delta R.T. -0.006 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30



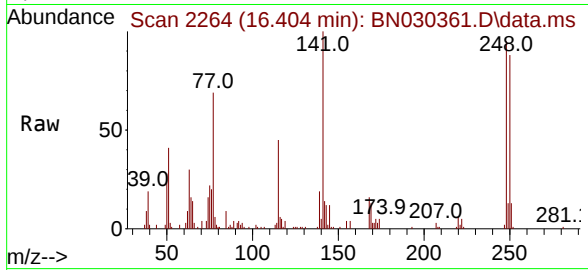
Tgt Ion:169 Resp: 98162  
Ion Ratio Lower Upper  
169 100  
168 68.8 54.1 81.1  
167 37.7 30.2 45.2





#68  
4-Bromophenyl-phenylether  
Concen: 4.727 ng/ul  
RT: 16.404 min Scan# 2264  
Delta R.T. -0.006 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30

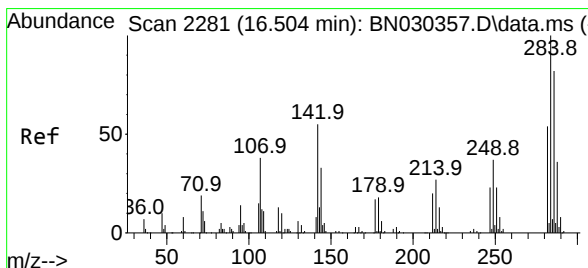
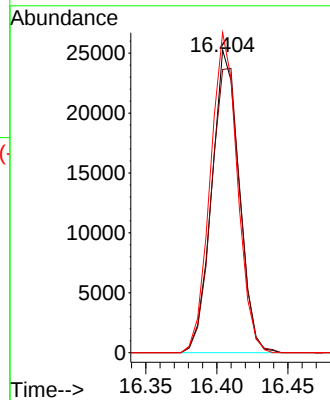
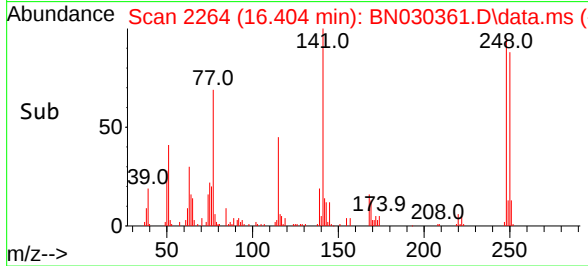
Instrument : BNA\_N  
ClientSampleId : MDL-MED-SOIL-QT1-2024-01



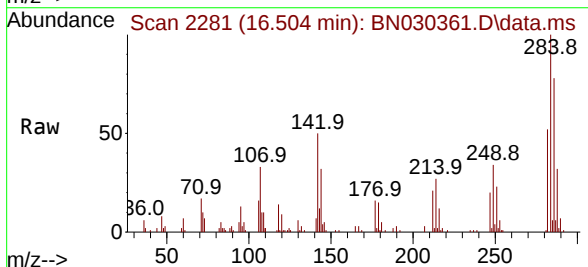
Tgt Ion:248 Resp: 3384  
Ion Ratio Lower Upper  
248 100  
250 93.6 74.6 112.0  
141 105.7 73.4 110.0

Manual Integrations  
APPROVED

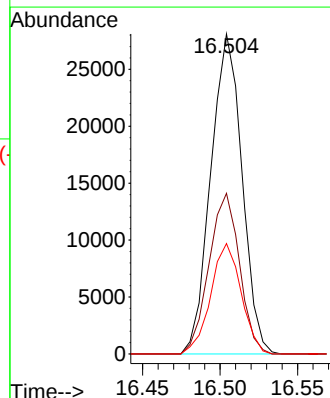
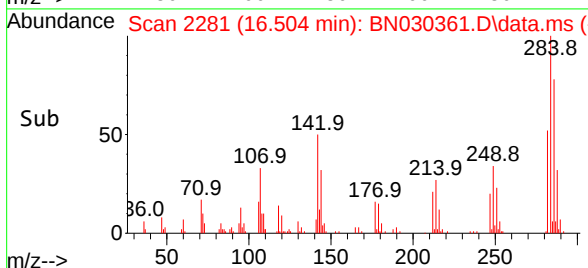
Reviewed By :Yogesh Patel 03/12/2024  
Supervised By :mohammad ahmed 03/12/2024

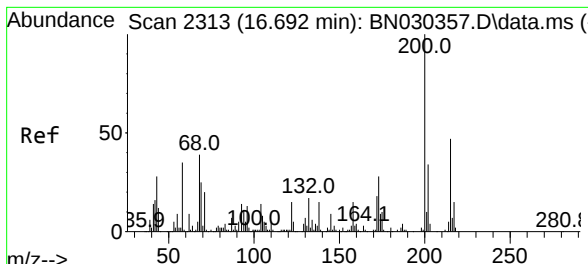


#69  
Hexachlorobenzene  
Concen: 5.020 ng/ul  
RT: 16.504 min Scan# 2281  
Delta R.T. -0.000 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30



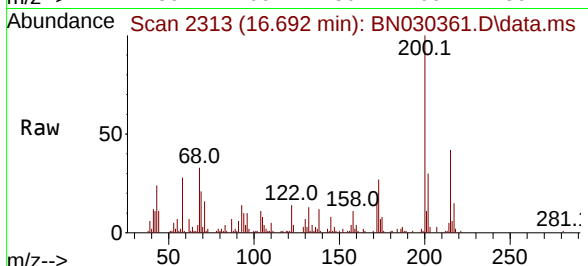
Tgt Ion:284 Resp: 39365  
Ion Ratio Lower Upper  
284 100  
142 50.2 41.3 61.9  
249 34.5 28.1 42.1





#70  
**Atrazine**  
 Concen: 5.838 ng/ul  
 RT: 16.692 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BN030361.D  
 Acq: 11 Mar 2024 15:30

**Instrument :**  
 BNA\_N  
**ClientSampleId :**  
 MDL-MED-SOIL-QT1-2024-01

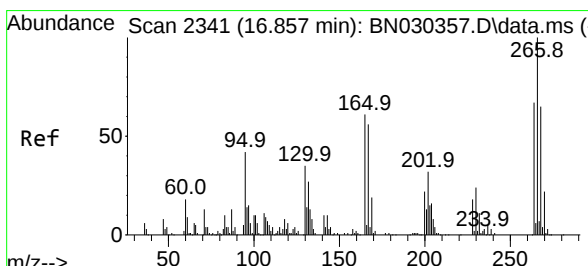
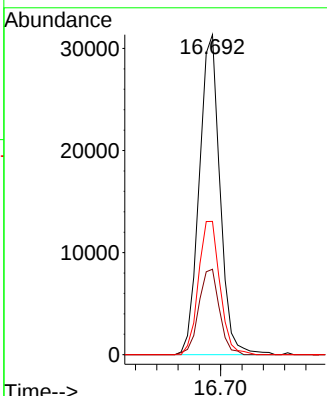
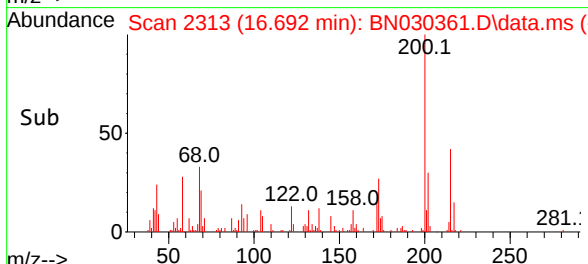


Tgt Ion: 200 Resp: 42360

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 200 | 100   |       |       |
| 173 | 26.7  | 23.3  | 34.9  |
| 215 | 41.7  | 36.5  | 54.7  |

**Manual Integrations**  
**APPROVED**

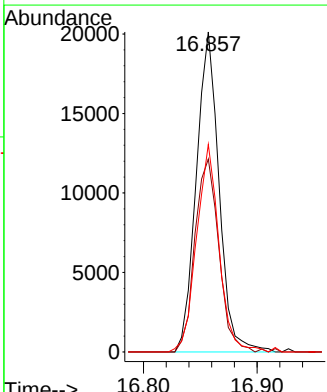
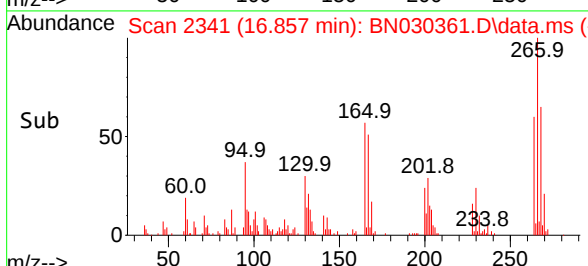
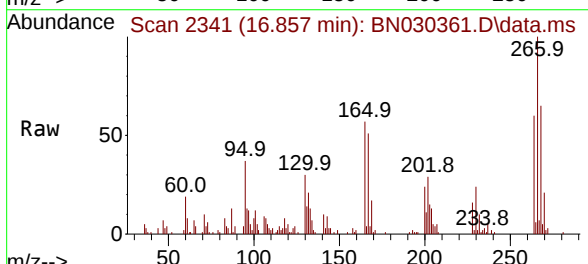
Reviewed By :Yogesh Patel 03/12/2024  
 Supervised By :mohammad ahmed 03/12/2024

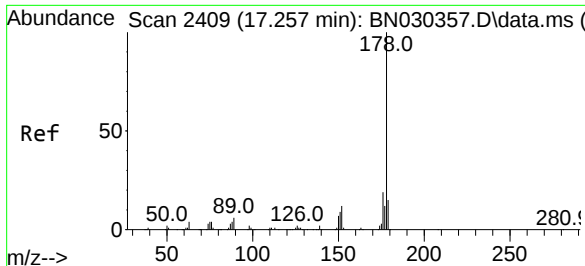


#71  
**Pentachlorophenol**  
 Concen: 5.284 ng/ul  
 RT: 16.857 min Scan# 2341  
 Delta R.T. -0.000 min  
 Lab File: BN030361.D  
 Acq: 11 Mar 2024 15:30

Tgt Ion: 266 Resp: 28035

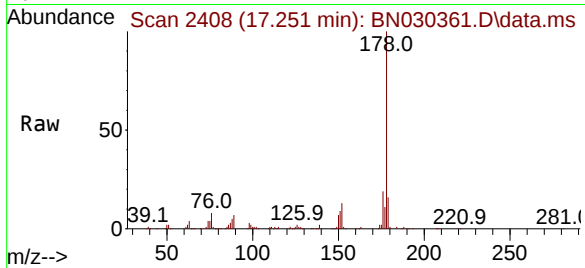
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 266 | 100   |       |       |
| 264 | 60.3  | 53.1  | 79.7  |
| 268 | 64.8  | 48.8  | 73.2  |





#72  
Phenanthrene  
Concen: 5.053 ng/ul  
RT: 17.251 min Scan# 2408  
Delta R.T. -0.000 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30

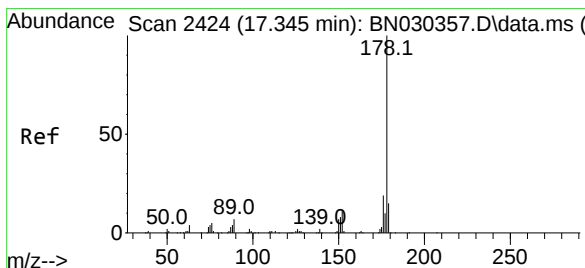
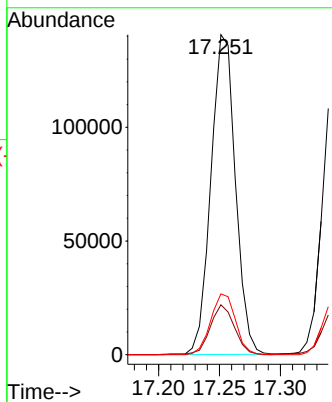
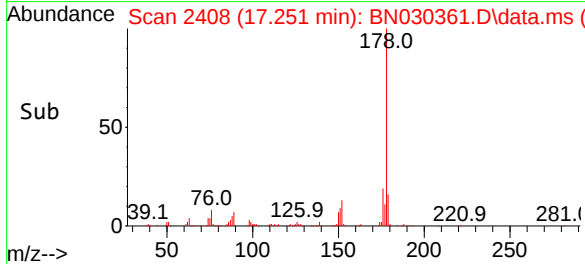
Instrument : BNA\_N  
ClientSampleId : MDL-MED-SOIL-QT1-2024-01



Tgt Ion:178 Resp: 19692  
Ion Ratio Lower Upper  
178 100  
179 15.6 12.8 19.2  
176 19.0 15.4 23.0

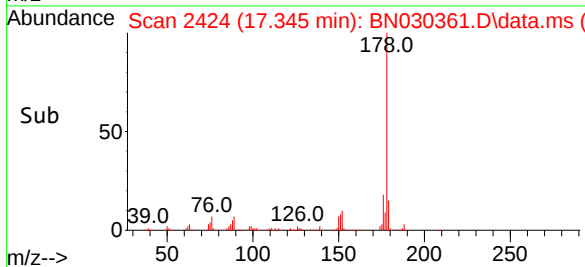
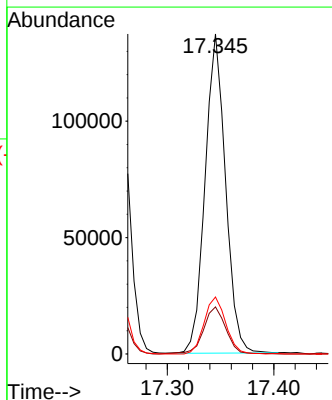
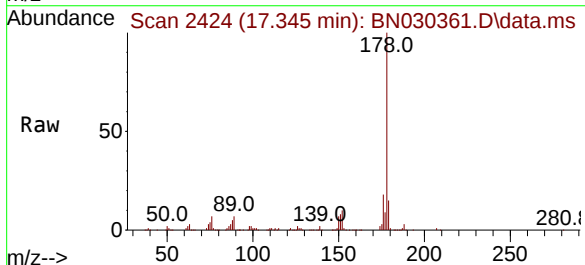
Manual Integrations  
APPROVED

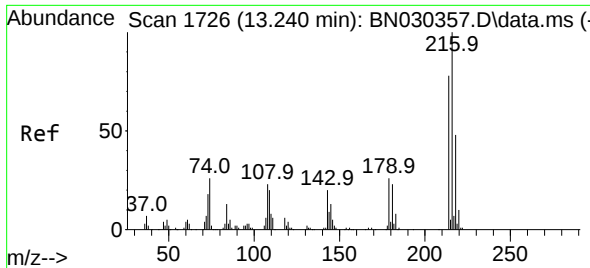
Reviewed By :Yogesh Patel 03/12/2024  
Supervised By :mohammad ahmed 03/12/2024



#74  
Anthracene  
Concen: 4.610 ng/ul  
RT: 17.345 min Scan# 2424  
Delta R.T. -0.000 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30

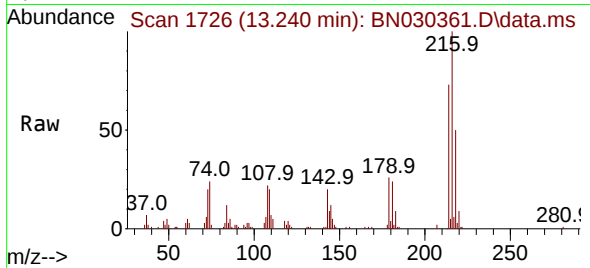
Tgt Ion:178 Resp: 182759  
Ion Ratio Lower Upper  
178 100  
179 14.7 11.9 17.9  
176 17.8 14.6 22.0





#75  
1,2,3,4-Tetrachlorobenzene  
Concen: 4.490 ng/uL  
RT: 13.240 min Scan# 1726  
Delta R.T. -0.000 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30

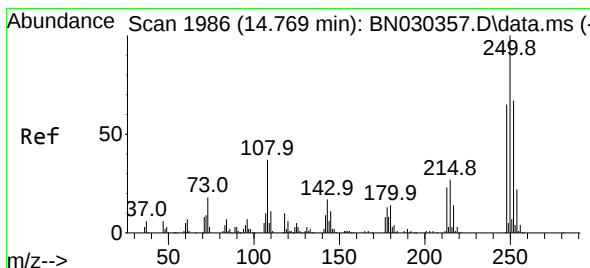
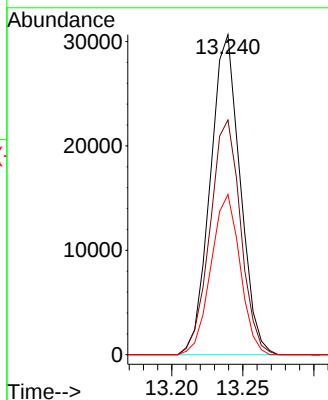
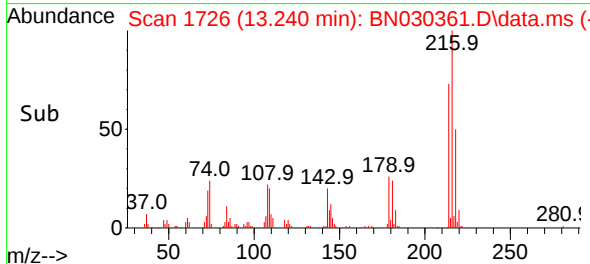
Instrument : BNA\_N  
ClientSampleId : MDL-MED-SOIL-QT1-2024-01



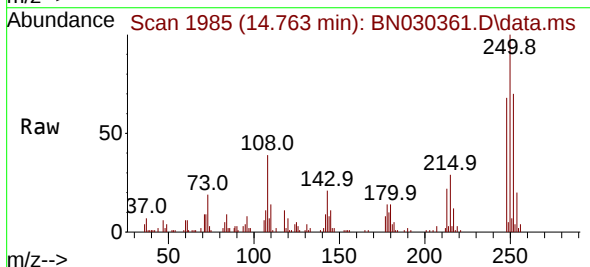
Tgt Ion:216 Resp: 44794  
Ion Ratio Lower Upper  
216 100  
214 73.3 63.3 94.9  
218 50.0 39.6 59.4

Manual Integrations  
APPROVED

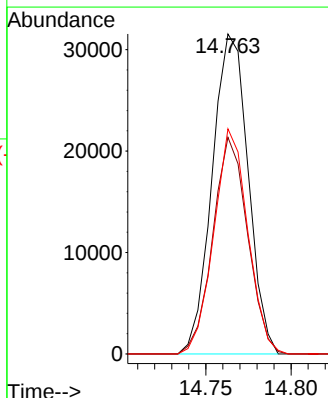
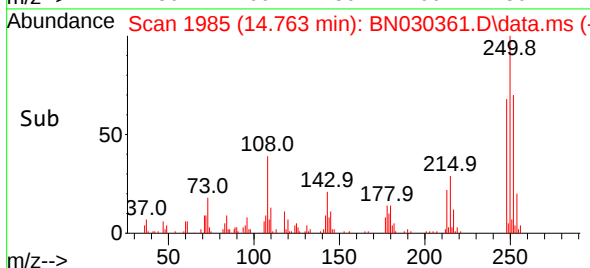
Reviewed By :Yogesh Patel 03/12/2024  
Supervised By :mohammad ahmed 03/12/2024

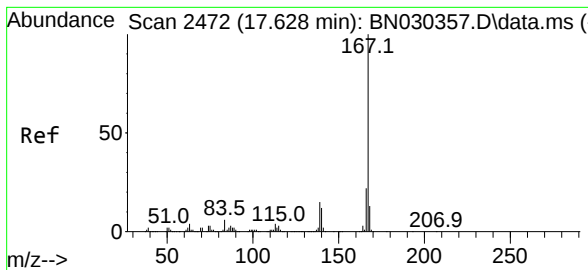


#76  
Pentachlorobenzene  
Concen: 4.975 ng/uL  
RT: 14.763 min Scan# 1985  
Delta R.T. -0.000 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30



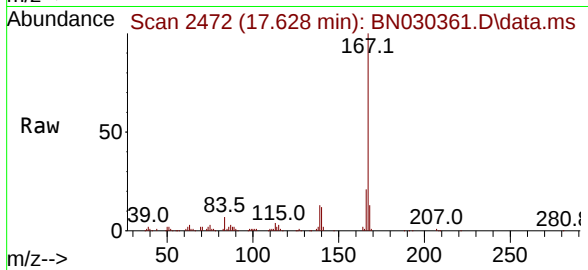
Tgt Ion:250 Resp: 46288  
Ion Ratio Lower Upper  
250 100  
248 67.7 51.0 76.6  
252 74.5 49.1 73.7#





#77  
 Carbazole  
 Concen: 4.643 ng/ul  
 RT: 17.628 min Scan# 2472  
 Delta R.T. 0.006 min  
 Lab File: BN030361.D  
 Acq: 11 Mar 2024 15:30

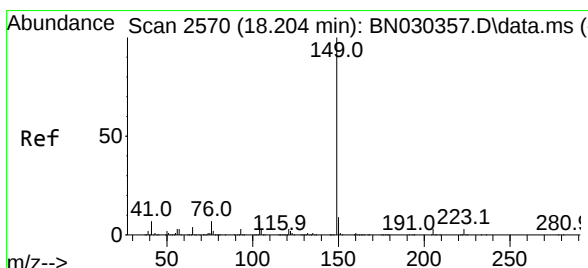
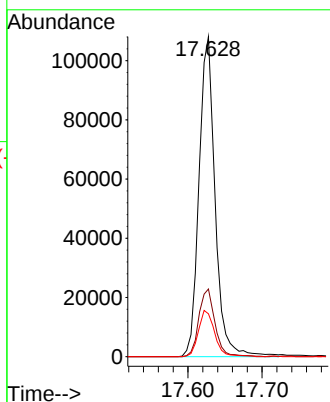
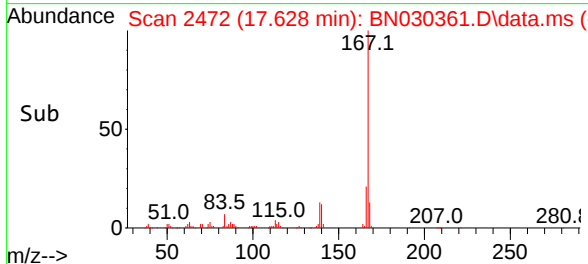
Instrument : BNA\_N  
 ClientSampleId : MDL-MED-SOIL-QT1-2024-01



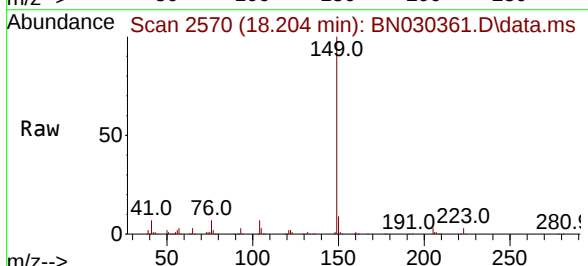
Tgt Ion:167 Resp: 163478  
 Ion Ratio Lower Upper  
 167 100  
 166 21.1 17.3 25.9  
 139 13.4 11.9 17.9

Manual Integrations  
 APPROVED

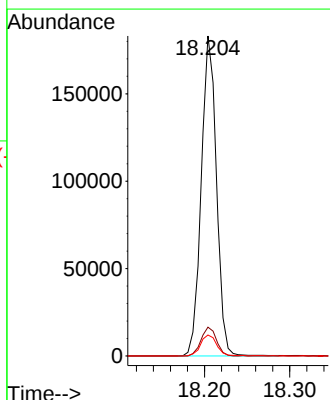
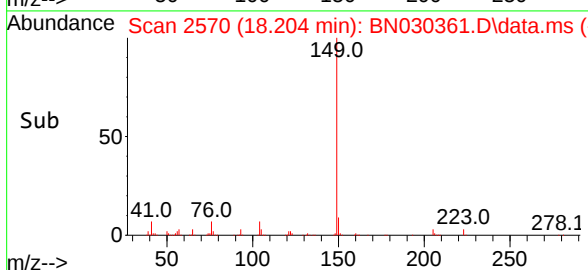
Reviewed By :Yogesh Patel 03/12/2024  
 Supervised By :mohammad ahmed 03/12/2024

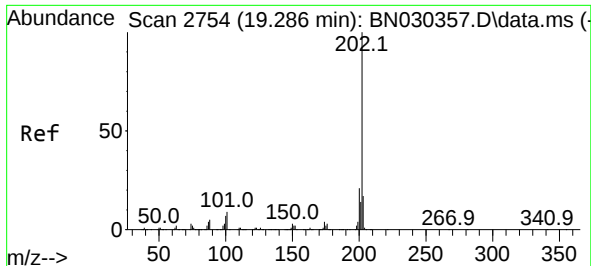


#78  
 Di-n-butylphthalate  
 Concen: 4.639 ng/ul  
 RT: 18.204 min Scan# 2570  
 Delta R.T. -0.000 min  
 Lab File: BN030361.D  
 Acq: 11 Mar 2024 15:30



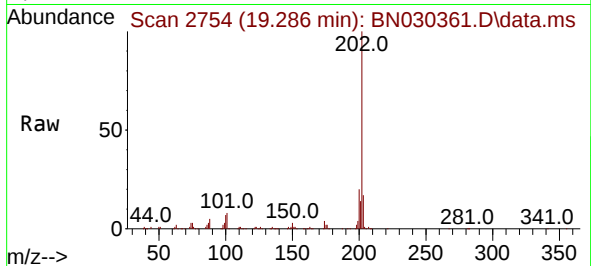
Tgt Ion:149 Resp: 226977  
 Ion Ratio Lower Upper  
 149 100  
 150 9.0 7.4 11.0  
 104 6.6 5.3 7.9





#80  
 Fluoranthene  
 Concen: 4.662 ng/u1  
 RT: 19.286 min Scan# 21703  
 Delta R.T. 0.006 min  
 Lab File: BN030361.D  
 Acq: 11 Mar 2024 15:30

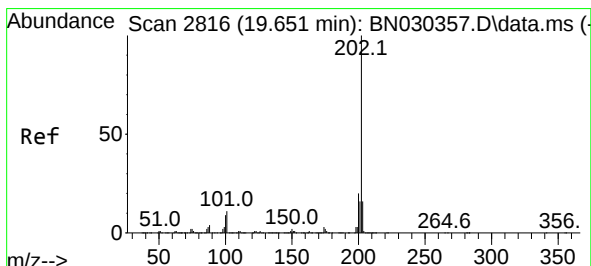
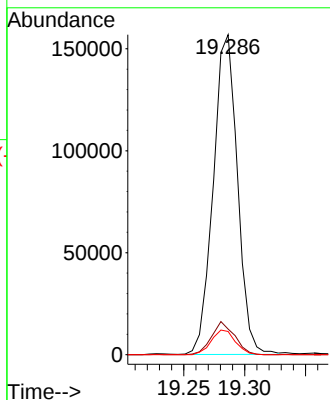
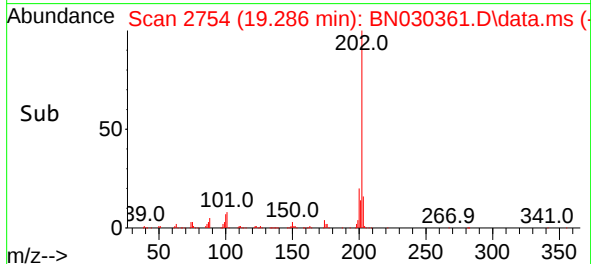
Instrument :  
 BNA\_N  
 ClientSampleId :  
 MDL-MED-SOIL-QT1-2024-01



Tgt Ion:202 Resp: 21703  
 Ion Ratio Lower Upper  
 202 100  
 101 8.0 8.2 12.2  
 100 7.2 6.5 9.7

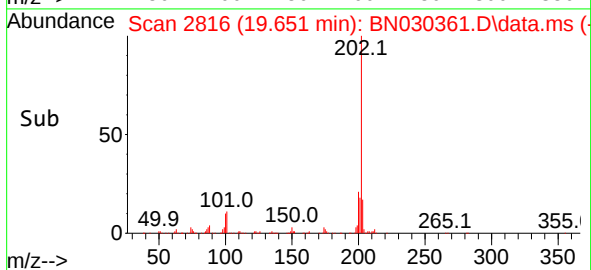
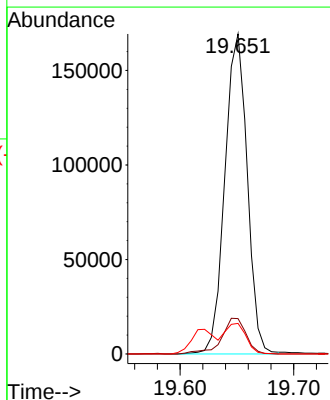
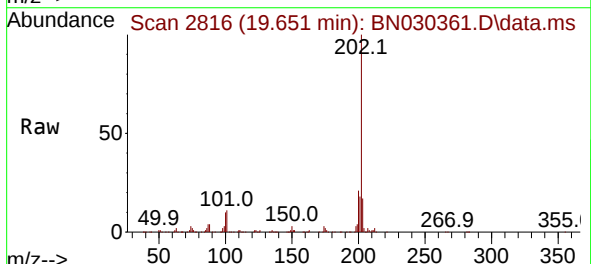
Manual Integrations  
 APPROVED

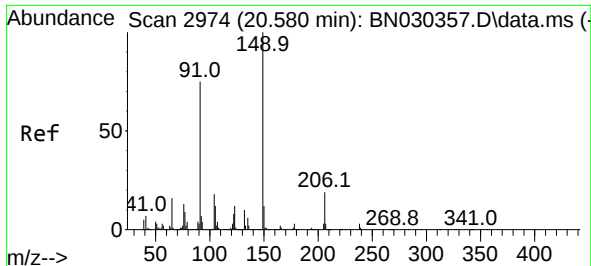
Reviewed By :Yogesh Patel 03/12/2024  
 Supervised By :mohammad ahmed 03/12/2024



#82  
 Pyrene  
 Concen: 4.838 ng/u1  
 RT: 19.651 min Scan# 2816  
 Delta R.T. -0.000 min  
 Lab File: BN030361.D  
 Acq: 11 Mar 2024 15:30

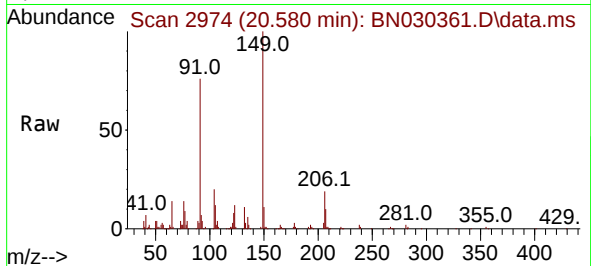
Tgt Ion:202 Resp: 231509  
 Ion Ratio Lower Upper  
 202 100  
 101 11.1 9.4 14.0  
 100 9.5 7.8 11.8





#83  
Butylbenzylphthalate  
Concen: 4.358 ng/ul  
RT: 20.580 min Scan# 2974  
Delta R.T. -0.000 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30

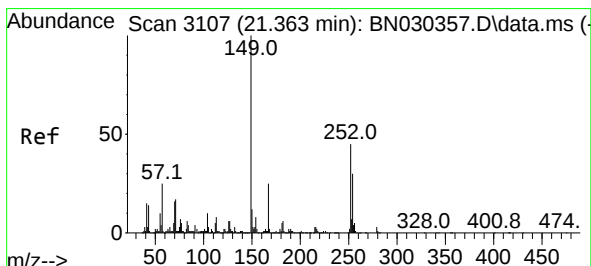
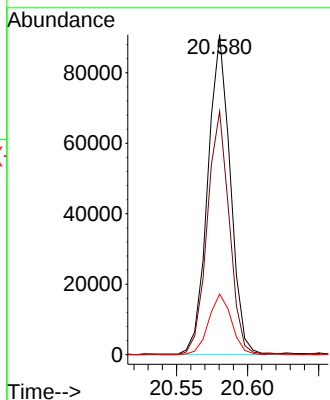
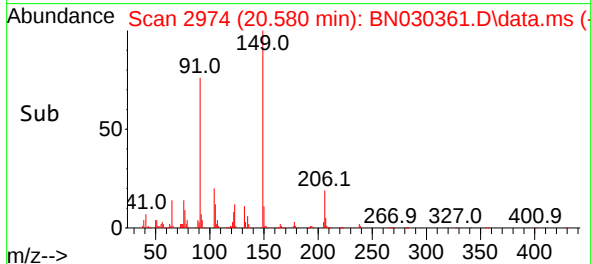
Instrument : BNA\_N  
ClientSampleId : MDL-MED-SOIL-QT1-2024-01



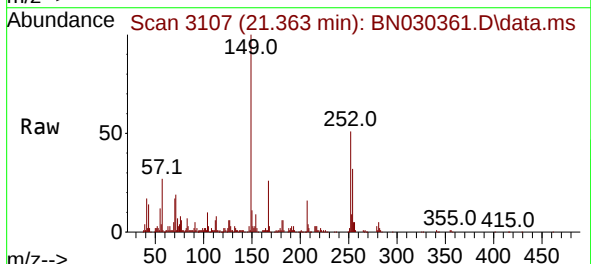
Tgt Ion:149 Resp: 99897  
Ion Ratio Lower Upper  
149 100  
91 76.0 60.9 91.3  
206 18.9 13.8 20.6

Manual Integrations  
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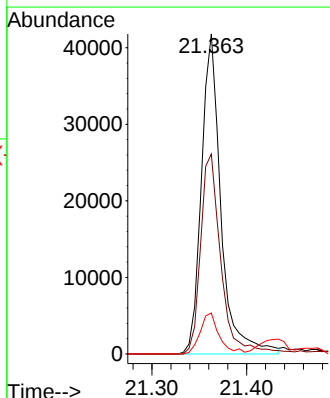
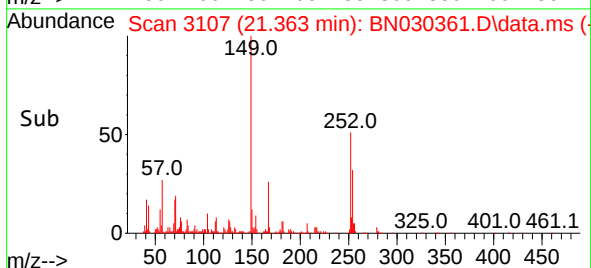
Reviewed By :Yogesh Patel 03/12/2024  
Supervised By :mohammad ahmed 03/12/2024

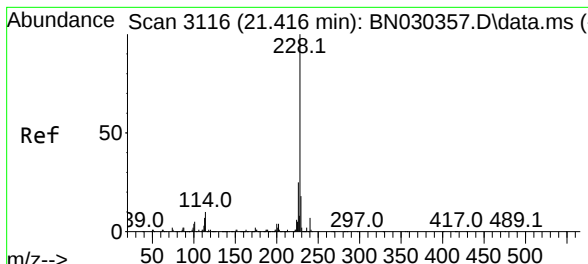


#84  
3,3'-Dichlorobenzidine  
Concen: 4.601 ng/ul  
RT: 21.363 min Scan# 3107  
Delta R.T. 0.006 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30



Tgt Ion:252 Resp: 59821  
Ion Ratio Lower Upper  
252 100  
254 62.5 49.2 73.8  
126 12.8 10.4 15.6





#85

Benzo(a)anthracene

Concen: 4.964 ng/ul

RT: 21.416 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BN030361.D

Acq: 11 Mar 2024 15:30

Instrument :

BNA\_N

ClientSampleId :

MDL-MED-SOIL-QT1-2024-01

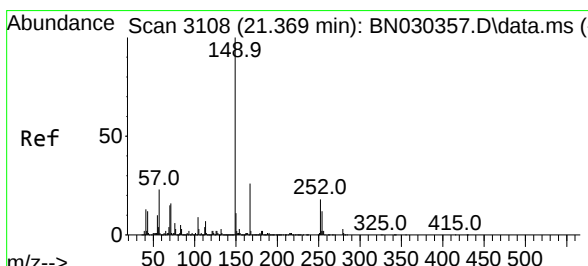
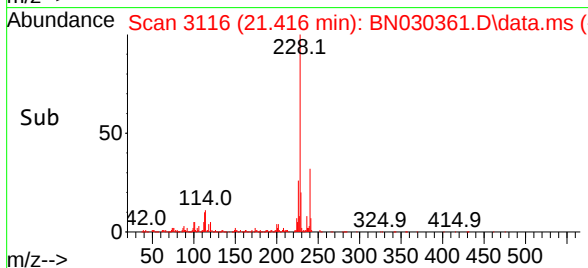
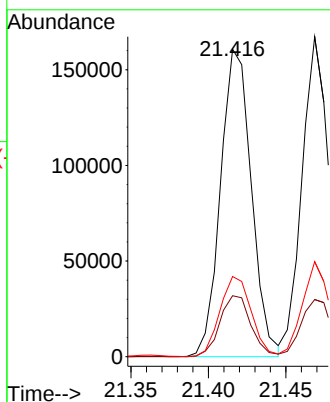
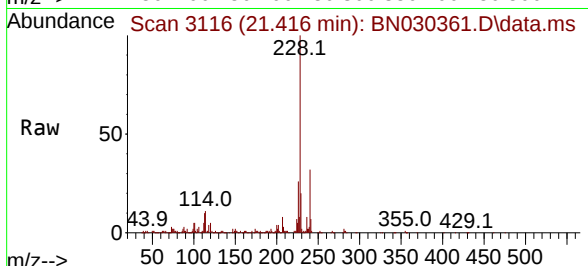
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 222830 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 229       | 19.8  | 15.4  | 23.2   |
| 226       | 26.1  | 21.6  | 32.4   |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/12/2024

Supervised By :mohammad ahmed 03/12/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 4.602 ng/ul

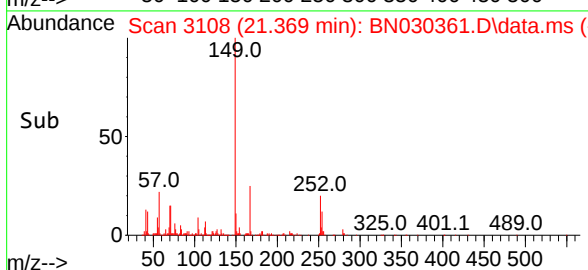
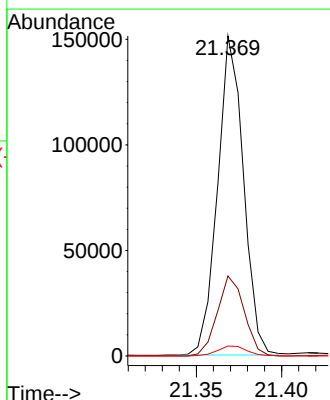
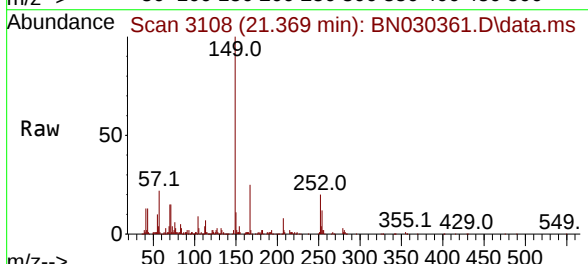
RT: 21.369 min Scan# 3108

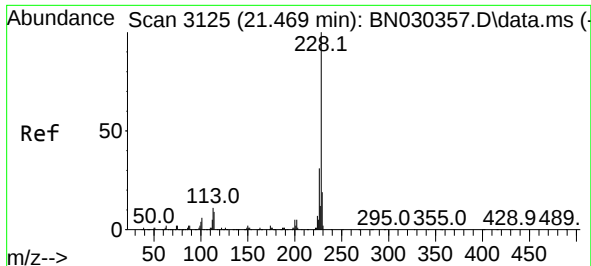
Delta R.T. -0.000 min

Lab File: BN030361.D

Acq: 11 Mar 2024 15:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 159687 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 25.0  | 21.0  | 31.6   |
| 279       | 3.1   | 2.6   | 4.0    |





#87

Chrysene

Concen: 5.063 ng/ul

RT: 21.469 min Scan# 3125

Delta R.T. -0.000 min

Lab File: BN030361.D

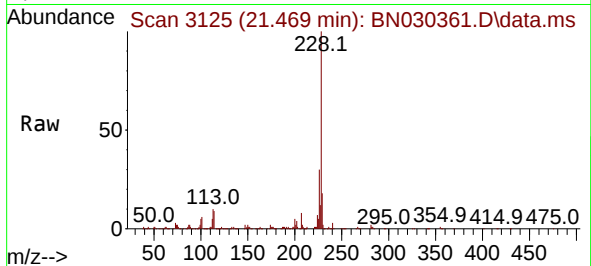
Acq: 11 Mar 2024 15:30

Instrument :

BNA\_N

ClientSampleId :

MDL-MED-SOIL-QT1-2024-01



Tgt Ion:228 Resp: 210810

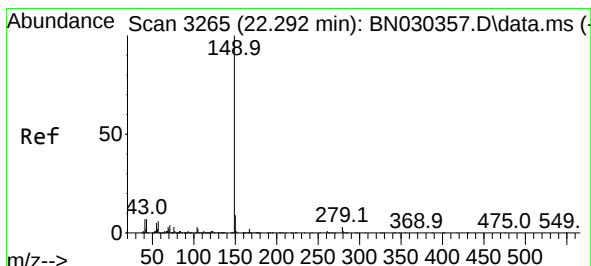
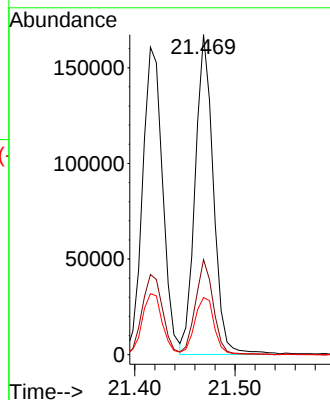
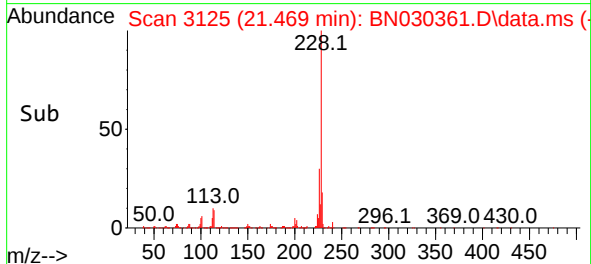
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.7  | 23.0  | 34.6  |
| 229 | 17.9  | 15.9  | 23.9  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 03/12/2024

Supervised By :mohammad ahmed 03/12/2024



#89

Di-n-octyl phthalate

Concen: 4.987 ng/ul

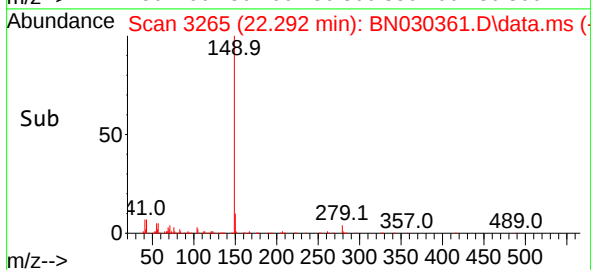
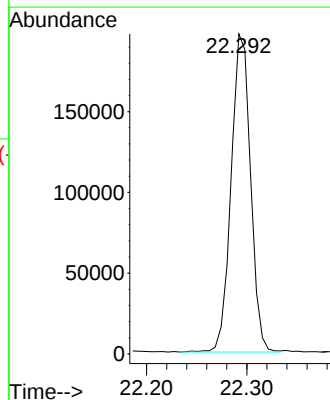
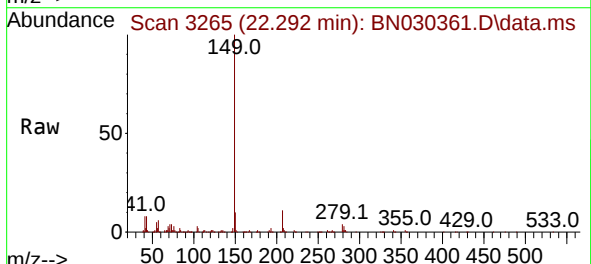
RT: 22.292 min Scan# 3265

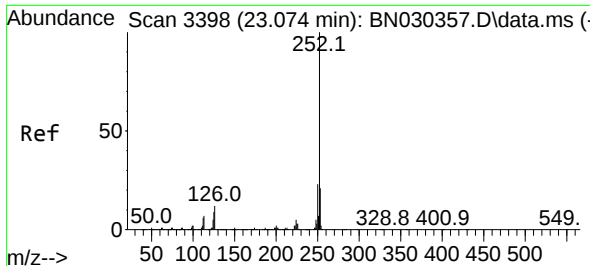
Delta R.T. -0.000 min

Lab File: BN030361.D

Acq: 11 Mar 2024 15:30

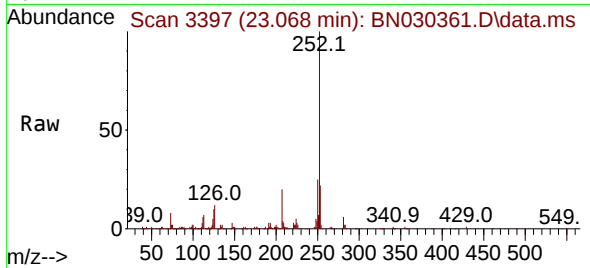
Tgt Ion:149 Resp: 264572





#90  
Benzo(b)fluoranthene  
Concen: 5.313 ng/ul  
RT: 23.068 min Scan# 3398  
Delta R.T. -0.006 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30

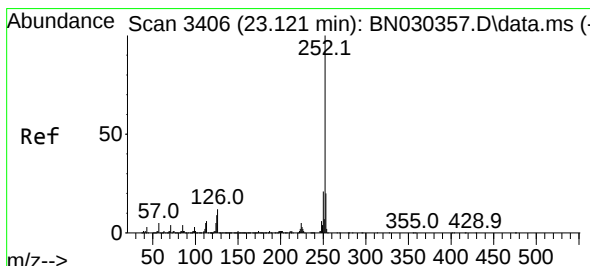
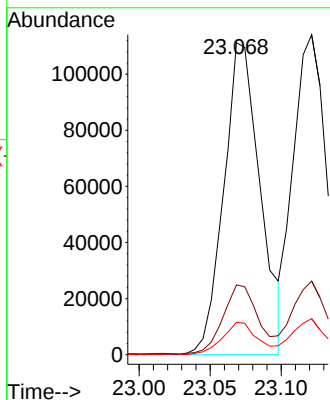
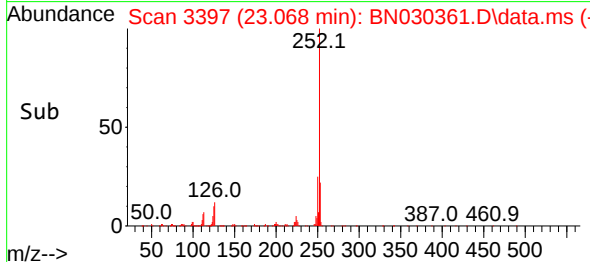
Instrument : BNA\_N  
ClientSampleId : MDL-MED-SOIL-QT1-2024-01



Tgt Ion:252 Resp: 19853  
Ion Ratio Lower Upper  
252 100  
253 22.4 15.9 23.9  
125 10.3 8.4 12.6

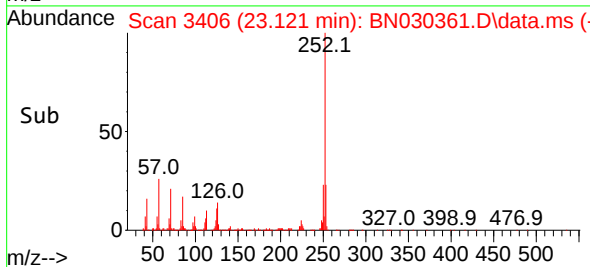
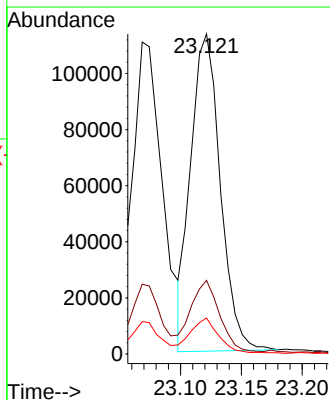
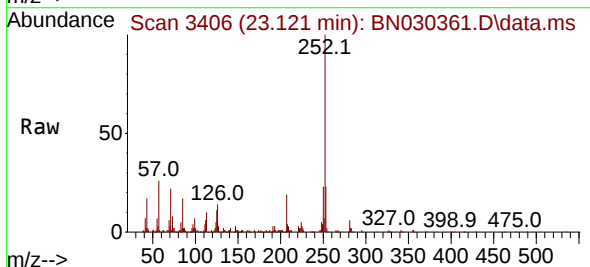
Manual Integrations  
APPROVED

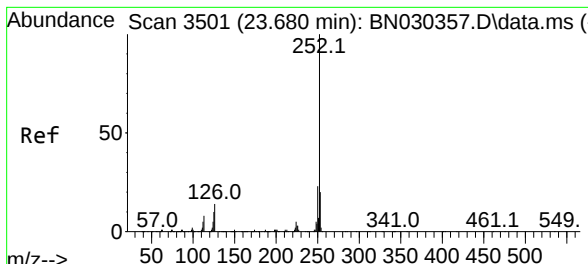
Reviewed By :Yogesh Patel 03/12/2024  
Supervised By :mohammad ahmed 03/12/2024



#91  
Benzo(k)fluoranthene  
Concen: 4.950 ng/ul  
RT: 23.121 min Scan# 3406  
Delta R.T. -0.000 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30

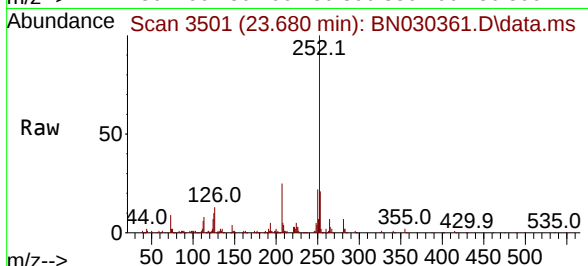
Tgt Ion:252 Resp: 191036  
Ion Ratio Lower Upper  
252 100  
253 23.0 16.1 24.1  
125 11.2 8.2 12.4





#93  
Benzo(a)pyrene  
Concen: 4.996 ng/ul  
RT: 23.680 min Scan# 3501  
Delta R.T. -0.006 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30

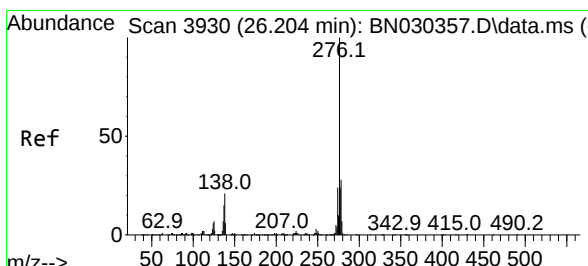
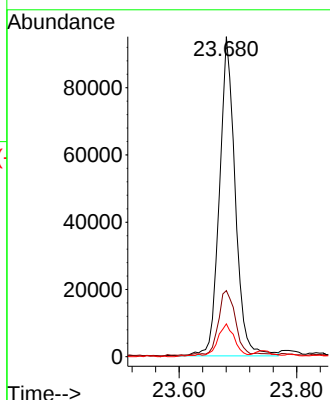
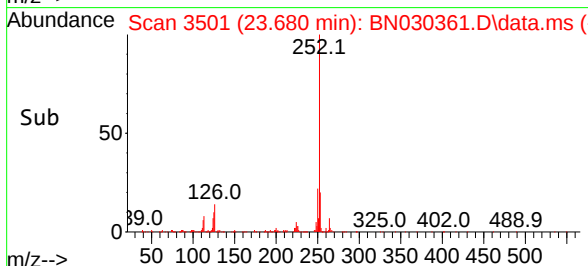
Instrument : BNA\_N  
ClientSampleId :  
MDL-MED-SOIL-QT1-2024-01



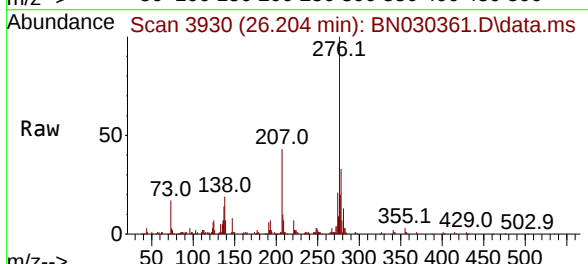
Tgt Ion:252 Resp: 17666  
Ion Ratio Lower Upper  
252 100  
253 20.7 18.2 27.2  
125 10.2 8.6 12.8

Manual Integrations  
APPROVED

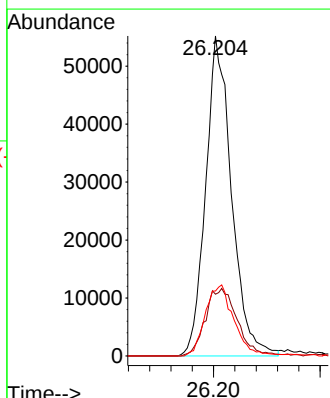
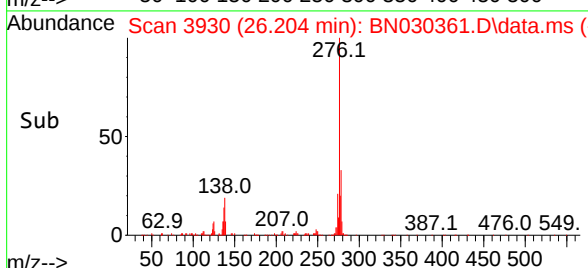
Reviewed By :Yogesh Patel 03/12/2024  
Supervised By :mohammad ahmed 03/12/2024

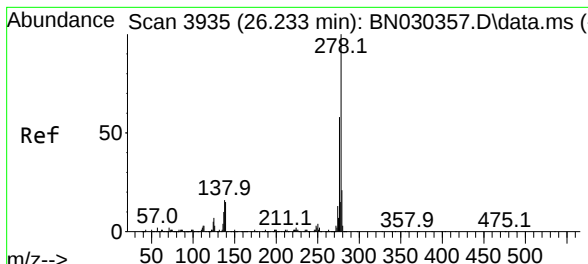


#94  
Indeno(1,2,3-cd)pyrene  
Concen: 4.432 ng/ul  
RT: 26.204 min Scan# 3930  
Delta R.T. -0.000 min  
Lab File: BN030361.D  
Acq: 11 Mar 2024 15:30



Tgt Ion:276 Resp: 186384  
Ion Ratio Lower Upper  
276 100  
138 19.3 18.2 27.4  
277 20.3 19.0 28.6





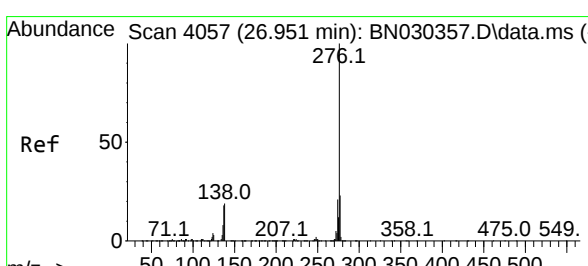
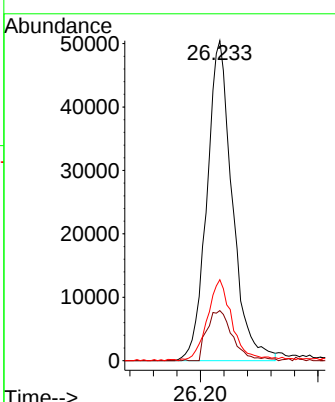
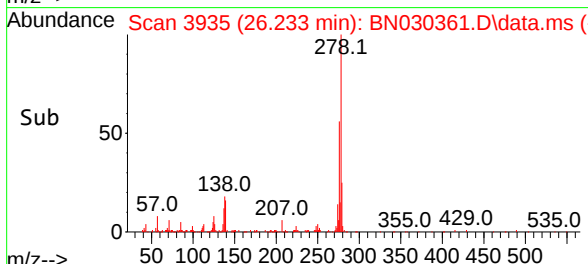
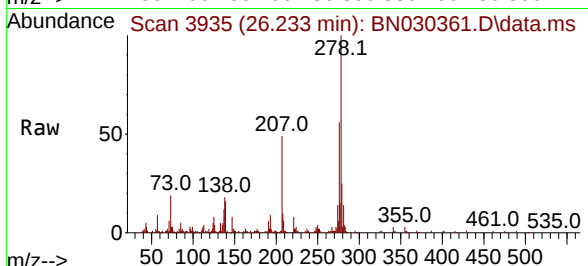
#95  
 Dibenzo(a,h)anthracene  
 Concen: 4.421 ng/ul  
 RT: 26.233 min Scan# 3935  
 Delta R.T. -0.000 min  
 Lab File: BN030361.D  
 Acq: 11 Mar 2024 15:30

Instrument : BNA\_N  
 ClientSampleId : MDL-MED-SOIL-QT1-2024-01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 278   | Resp: | 15157 |
| Ion Ratio | Lower | Upper |       |
| 278       | 100   |       |       |
| 139       | 15.7  | 13.0  | 19.6  |
| 279       | 25.3  | 18.0  | 27.0  |

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 03/12/2024  
 Supervised By :mohammad ahmed 03/12/2024



#96  
 Benzo(g,h,i)perylene  
 Concen: 4.361 ng/ul  
 RT: 26.945 min Scan# 4056  
 Delta R.T. -0.000 min  
 Lab File: BN030361.D  
 Acq: 11 Mar 2024 15:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 148556 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 23.1  | 18.9  | 28.3   |
| 277       | 23.3  | 18.6  | 27.8   |

