

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081822\  
 Data File : BM036349.D  
 Acq On : 18 Aug 2022 17:06  
 Operator : CG/JU  
 Sample : N3670-05  
 Misc : MDL-MED-SOIL-4ppm  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-MED-SOIL-QT2-2022-03

Quant Time: Aug 18 17:35:35 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\SFAM-EPA-BM081622.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Aug 16 15:00:33 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/19/2022  
 Supervised By :Sohil Jodhani 08/22/2022

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.798  | 152  | 259343   | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.598 | 136  | 1134027  | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.439 | 164  | 662184   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.186 | 188  | 1305022  | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.368 | 240  | 1242804  | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 23.697 | 264  | 1295484  | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.204  | 96   | 24929    | 3.663  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.634  | 84   | 301391   | 16.061 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.975  | 99   | 409100   | 18.480 | ng/u1  | -0.01    |
| 9) Bis-(2-Chloroethyl)eth...  | 7.134  | 67   | 265547   | 19.057 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.328  | 132  | 339505   | 19.519 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.522  | 113  | 318389   | 19.263 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.969  | 128  | 166273   | 19.338 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.686  | 143  | 167777   | 19.238 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.227 | 165  | 295471   | 18.961 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.745 | 131  | 450818   | 18.661 | ng/u1  | -0.01    |
| 46) Dimethylphthalate-d6      | 13.863 | 166  | 843300   | 20.130 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.133 | 160  | 1123496  | 21.502 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.668 | 143  | 130187   | 16.401 | ng/u1  | -0.01    |
| 60) Fluorene-d10              | 15.433 | 176  | 746647   | 19.724 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.568 | 200  | 99510    | 14.832 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.286 | 188  | 1122730  | 19.348 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.574 | 212  | 1251861  | 19.418 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 23.544 | 264  | 1219797  | 19.204 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.246  | 88   | 7461     | 1.041  | ng/uL  | 91       |
| 5) Pyridine                   | 3.657  | 79   | 80838    | 4.170  | ng/u1  | 95       |
| 6) Benzaldehyde               | 6.945  | 77   | 51672    | 5.683  | ng/u1  | 89       |
| 8) Phenol                     | 7.004  | 94   | 95673    | 4.157  | ng/u1  | 97       |
| 10) Bis(2-Chloroethyl)ether   | 7.228  | 93   | 77864    | 4.230  | ng/u1  | 98       |
| 12) 2-Chlorophenol            | 7.363  | 128  | 79297    | 4.360  | ng/u1  | 99       |
| 13) 2-Methylphenol            | 8.257  | 108  | 68563    | 4.041  | ng/u1  | 92       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.339  | 45   | 109377m  | 4.441  | ng/u1  |          |
| 16) Acetophenone              | 8.628  | 105  | 113758   | 4.279  | ng/u1  | 95       |
| 17) N-Nitroso-di-n-propyla... | 8.616  | 70   | 55866    | 4.222  | ng/u1  | 98       |
| 18) 4-Methylphenol            | 8.586  | 108  | 75264    | 4.144  | ng/u1  | 96       |
| 19) Hexachloroethane          | 8.869  | 117  | 32172    | 4.228  | ng/u1  | 91       |
| 22) Nitrobenzene              | 9.010  | 77   | 86520    | 4.247  | ng/u1  | 97       |
| 23) Isophorone                | 9.533  | 82   | 149007   | 4.119  | ng/u1  | 97       |
| 25) 2-Nitrophenol             | 9.722  | 139  | 39437    | 4.059  | ng/u1  | 96       |
| 26) 2,4-Dimethylphenol        | 9.786  | 107  | 81948    | 4.217  | ng/u1  | 98       |
| 27) Bis(2-Chloroethoxy)met... | 10.022 | 93   | 99376    | 4.219  | ng/u1  | 100      |
| 29) 2,4-Dichlorophenol        | 10.257 | 162  | 66509    | 4.172  | ng/u1  | 96       |
| 30) Naphthalene               | 10.645 | 128  | 255982   | 4.301  | ng/u1  | 99       |
| 32) 4-Chloroaniline           | 10.775 | 127  | 102471   | 4.170  | ng/u1  | 99       |
| 33) Hexachlorobutadiene       | 10.922 | 225  | 41791    | 4.172  | ng/u1  | 98       |
| 34) Caprolactam               | 11.569 | 113  | 19933m   | 4.173  | ng/u1  |          |
| 35) 4-Chloro-3-methylphenol   | 11.910 | 107  | 64320    | 3.990  | ng/u1  | 97       |
| 36) 2-Methylnaphthalene       | 12.263 | 142  | 157426   | 4.216  | ng/u1  | 99       |

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 Quant Title : SVOA CALIBRATION  
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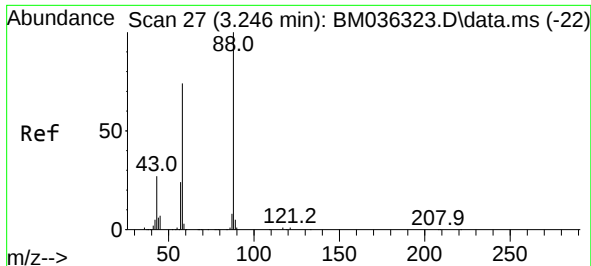
Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 08/19/2022  
 Supervised By :Sohil Jodhani 08/22/2022

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.480 | 142  | 166209   | 4.419 | ng/ul# | 95       |
| 39) 1,2,4,5-Tetrachloroben... | 12.633 | 216  | 75962    | 4.150 | ng/ul  | 98       |
| 40) Hexachlorocyclopentadiene | 12.604 | 237  | 51821    | 4.773 | ng/ul  | 98       |
| 41) 2,4,6-Trichlorophenol     | 12.886 | 196  | 44539    | 3.867 | ng/ul  | 99       |
| 42) 2,4,5-Trichlorophenol     | 12.963 | 196  | 45800    | 3.749 | ng/ul  | 93       |
| 43) 1,1'-Biphenyl             | 13.274 | 154  | 204520   | 4.107 | ng/ul  | 99       |
| 44) 2-Chloronaphthalene       | 13.316 | 162  | 158640   | 4.151 | ng/ul  | 99       |
| 45) 2-Nitroaniline            | 13.539 | 65   | 38633    | 3.733 | ng/ul  | 91       |
| 47) Dimethylphthalate         | 13.910 | 163  | 185035   | 4.291 | ng/ul  | 99       |
| 48) 2,6-Dinitrotoluene        | 14.033 | 165  | 30778    | 3.783 | ng/ul# | 85       |
| 50) Acenaphthylene            | 14.163 | 152  | 266634   | 4.327 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.368 | 138  | 30015    | 3.373 | ng/ul  | 92       |
| 52) Acenaphthene              | 14.504 | 153  | 170907   | 4.256 | ng/ul  | 99       |
| 53) 2,4-Dinitrophenol         | 14.586 | 184  | 20187    | 4.553 | ng/ul  | 91       |
| 55) 4-Nitrophenol             | 14.686 | 109  | 31542    | 5.029 | ng/ul  | 90       |
| 56) Dibenzofuran              | 14.839 | 168  | 237382   | 4.260 | ng/ul  | 99       |
| 57) 2,4-Dinitrotoluene        | 14.821 | 165  | 46348    | 4.017 | ng/ul  | 90       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.074 | 232  | 38115    | 4.109 | ng/ul# | 93       |
| 59) Diethylphthalate          | 15.268 | 149  | 180679   | 4.250 | ng/ul  | 98       |
| 61) Fluorene                  | 15.486 | 166  | 189205   | 4.281 | ng/ul  | 98       |
| 62) 4-Chlorophenyl-phenyle... | 15.486 | 204  | 88290    | 4.276 | ng/ul  | 98       |
| 63) 4-Nitroaniline            | 15.527 | 138  | 32260m   | 3.887 | ng/ul  |          |
| 66) 4,6-Dinitro-2-methylph... | 15.580 | 198  | 27527    | 4.058 | ng/ul# | 78       |
| 67) N-Nitrosodiphenylamine    | 15.704 | 169  | 152354   | 4.084 | ng/ul  | 97       |
| 68) 4-Bromophenyl-phenylether | 16.380 | 248  | 47890    | 3.963 | ng/ul  | 97       |
| 69) Hexachlorobenzene         | 16.486 | 284  | 59294    | 4.049 | ng/ul  | 97       |
| 70) Atrazine                  | 16.656 | 200  | 63764    | 5.002 | ng/ul  | 96       |
| 71) Pentachlorophenol         | 16.845 | 266  | 48259    | 5.978 | ng/ul  | 98       |
| 72) Phenanthrene              | 17.227 | 178  | 292249   | 4.260 | ng/ul  | 99       |
| 74) Anthracene                | 17.315 | 178  | 292368   | 4.251 | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.239 | 216  | 78236    | 3.995 | ng/uL  | 97       |
| 76) Pentachlorobenzene        | 14.757 | 250  | 83194    | 4.550 | ng/uL  | 98       |
| 77) Carbazole                 | 17.598 | 167  | 249742   | 3.878 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.156 | 149  | 272440   | 3.868 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.245 | 202  | 309870   | 3.977 | ng/ul  | 98       |
| 82) Pyrene                    | 19.609 | 202  | 338265   | 4.160 | ng/ul  | 97       |
| 83) Butylbenzylphthalate      | 20.509 | 149  | 114239   | 3.756 | ng/ul  | 90       |
| 84) 3,3'-Dichlorobenzidine    | 21.297 | 252  | 97032    | 3.791 | ng/ul  | 99       |
| 85) Benzo(a)anthracene        | 21.350 | 228  | 311842   | 4.175 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.286 | 149  | 162335   | 3.865 | ng/ul  | 98       |
| 87) Chrysene                  | 21.403 | 228  | 305094   | 4.157 | ng/ul  | 99       |
| 89) Di-n-octyl phthalate      | 22.186 | 149  | 282966   | 3.674 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 22.985 | 252  | 319840   | 4.049 | ng/ul  | 98       |
| 91) Benzo(k)fluoranthene      | 23.033 | 252  | 310517   | 4.132 | ng/ul  | 99       |
| 93) Benzo(a)pyrene            | 23.591 | 252  | 328689   | 4.230 | ng/ul  | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 26.109 | 276  | 370475   | 4.055 | ng/ul  | 95       |
| 95) Dibenzo(a,h)anthracene    | 26.126 | 278  | 316326   | 4.019 | ng/ul  | 98       |
| 96) Benzo(g,h,i)perylene      | 26.850 | 276  | 314608   | 4.027 | ng/ul  | 96       |

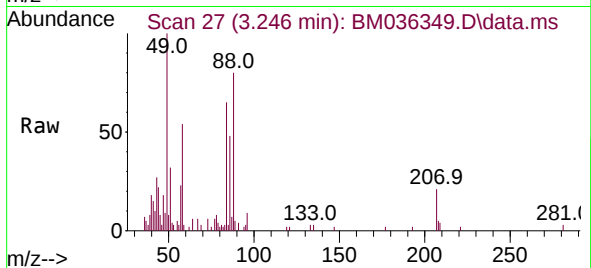
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#2  
1,4-Dioxane  
Concen: 1.041 ng/uL  
RT: 3.246 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

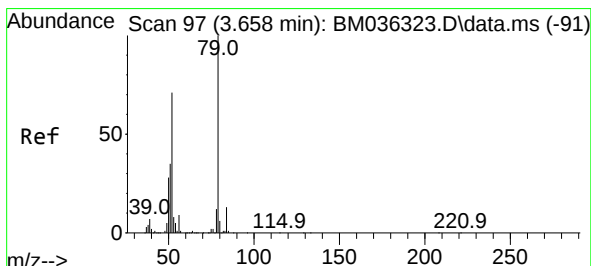
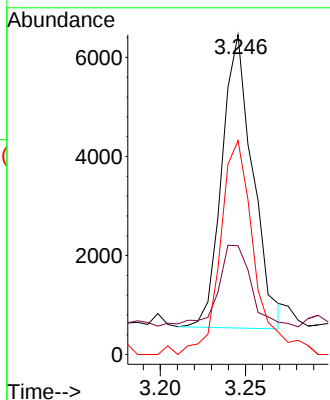
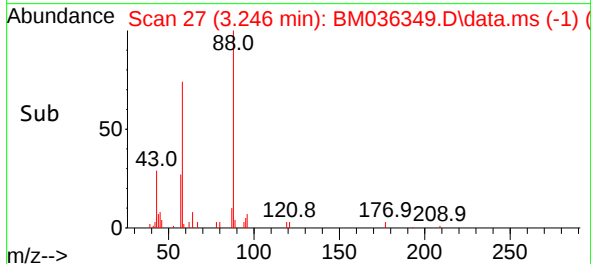
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-MED-SOIL-QT2-2022-03



Tgt Ion: 88 Resp: 746  
Ion Ratio Lower Upper  
88 100  
43 34.0 27.8 41.8  
58 66.9 61.8 92.8

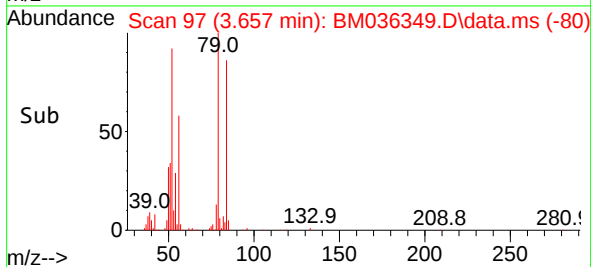
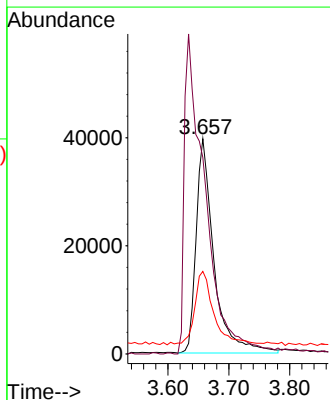
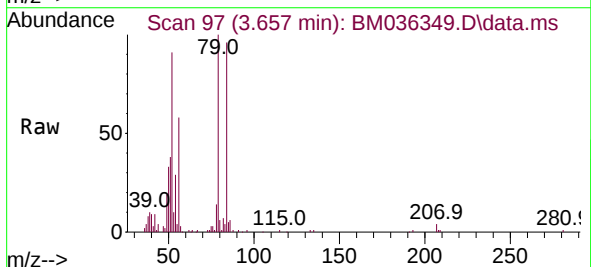
Manual Integrations  
APPROVED

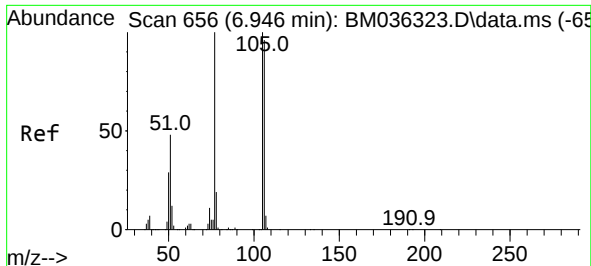
Reviewed By :Jagrut Upadhyay 08/19/2022  
Supervised By :Sohil Jodhani 08/22/2022



#5  
Pyridine  
Concen: 4.170 ng/uL  
RT: 3.657 min Scan# 97  
Delta R.T. -0.000 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

Tgt Ion: 79 Resp: 80838  
Ion Ratio Lower Upper  
79 100  
52 91.3 67.8 101.6  
51 38.4 31.4 47.0





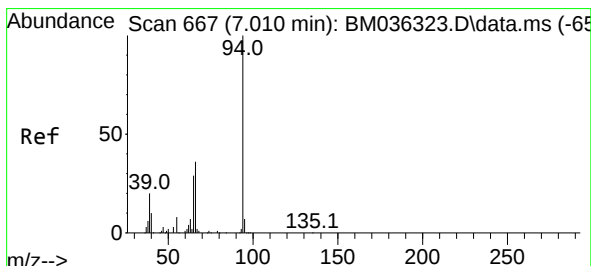
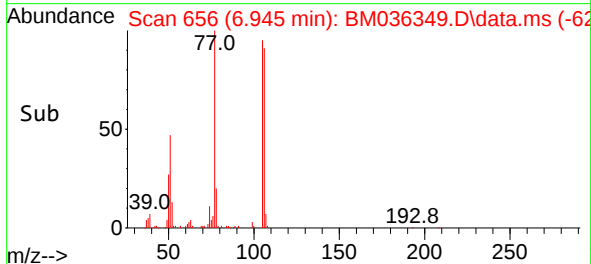
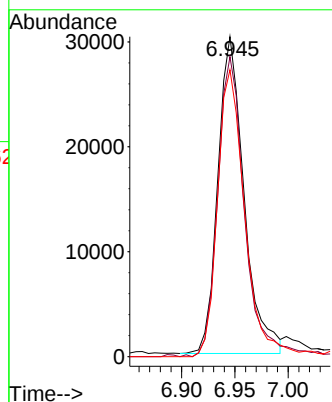
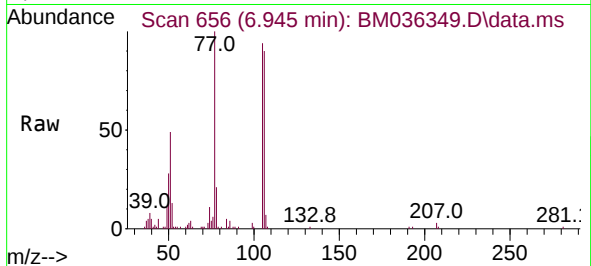
#6  
Benzaldehyde  
Concen: 5.683 ng/ul  
RT: 6.945 min Scan# 656  
Delta R.T. -0.006 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-MED-SOIL-QT2-2022-03

Tgt Ion: 77 Resp: 51672  
Ion Ratio Lower Upper  
77 100  
105 93.7 84.6 127.0  
106 89.6 80.3 120.5

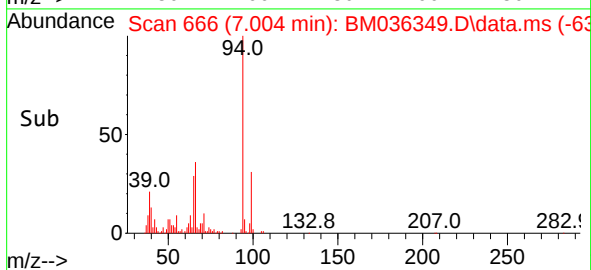
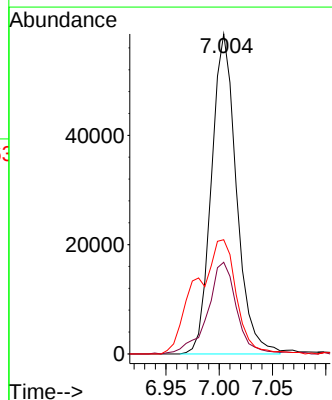
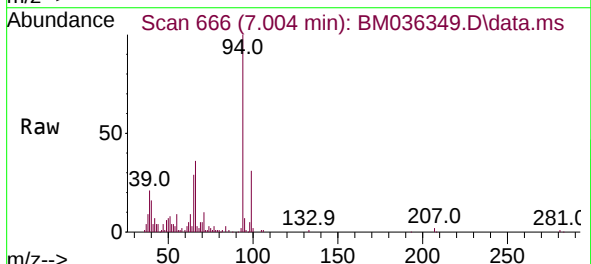
Manual Integrations  
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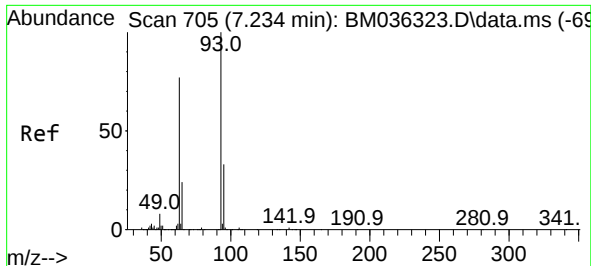
Reviewed By :Jagrut Upadhyay 08/19/2022  
Supervised By :Sohil Jodhani 08/22/2022



#8  
Phenol  
Concen: 4.157 ng/ul  
RT: 7.004 min Scan# 666  
Delta R.T. -0.012 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

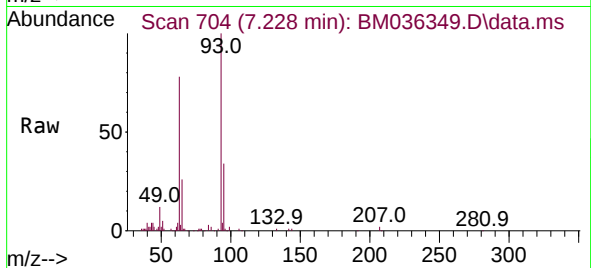
Tgt Ion: 94 Resp: 95673  
Ion Ratio Lower Upper  
94 100  
65 28.6 21.3 31.9  
66 35.7 27.4 41.0





#10  
Bis(2-Chloroethyl)ether  
Concen: 4.230 ng/ul  
RT: 7.228 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

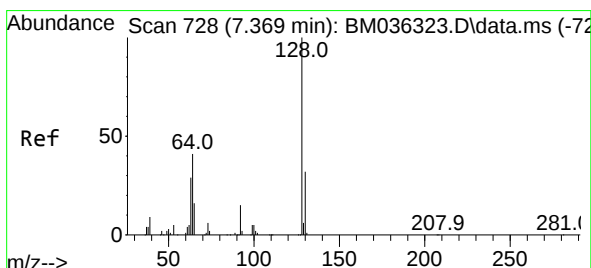
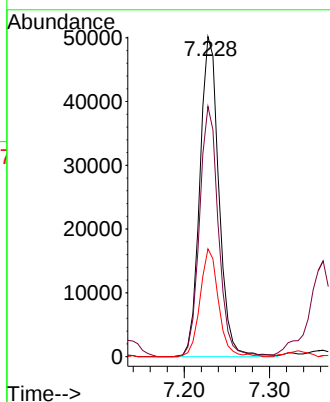
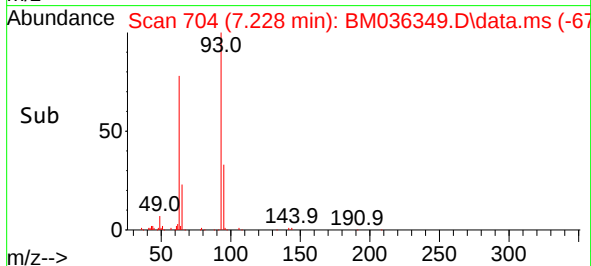
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BNA\_M  
ClientSampleId :  
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Tgt Ion: 93 Resp: 77864  
Ion Ratio Lower Upper  
93 100  
63 78.2 64.0 96.0  
95 33.7 25.8 38.6

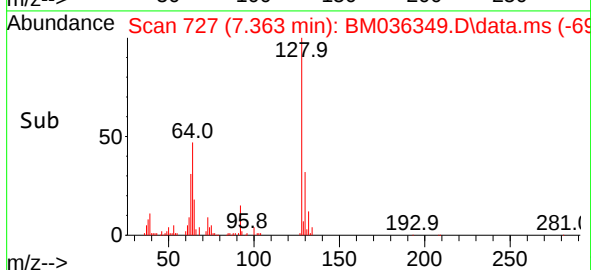
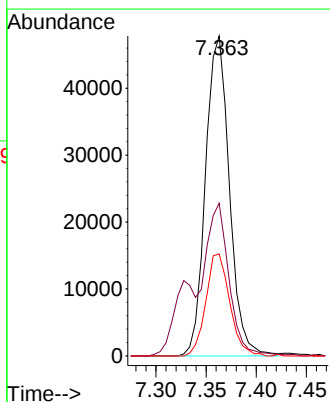
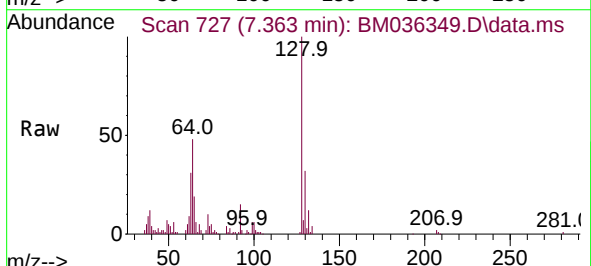
Manual Integrations  
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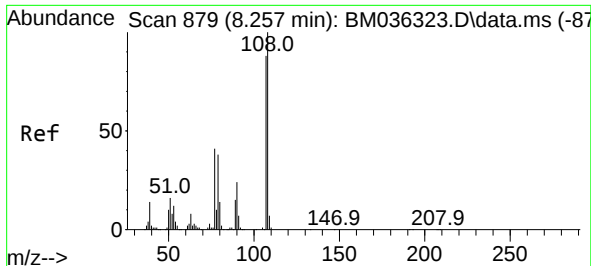
Reviewed By :Jagrut Upadhyay 08/19/2022  
Supervised By :Sohil Jodhani 08/22/2022



#12  
2-Chlorophenol  
Concen: 4.360 ng/ul  
RT: 7.363 min Scan# 727  
Delta R.T. -0.006 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

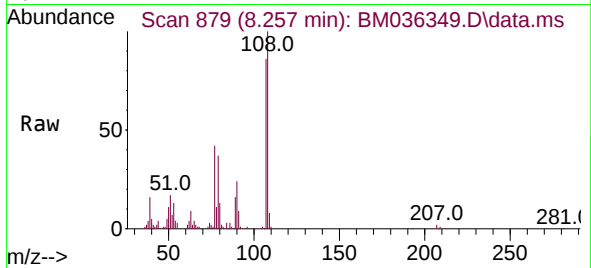
Tgt Ion:128 Resp: 79297  
Ion Ratio Lower Upper  
128 100  
64 47.7 36.9 55.3  
130 31.9 25.6 38.4





#13  
2-Methylphenol  
Concen: 4.041 ng/ul  
RT: 8.257 min Scan# 879  
Delta R.T. -0.006 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

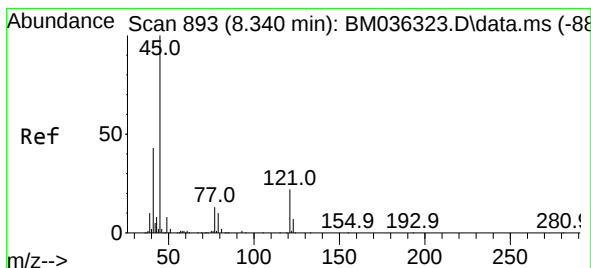
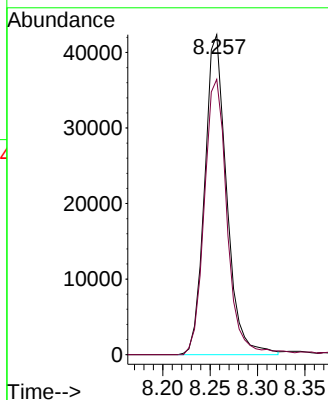
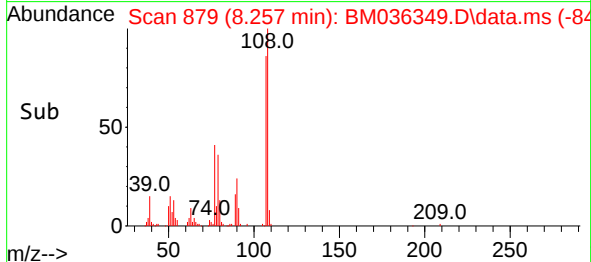
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BNA\_M  
ClientSampleId :  
MDL-MED-SOIL-QT2-2022-03



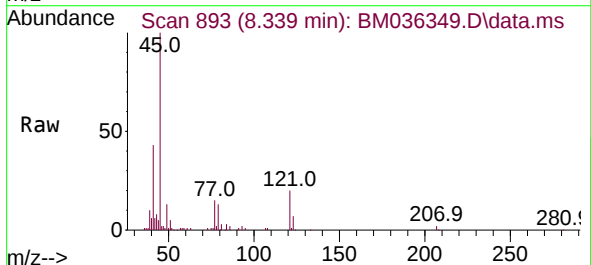
Tgt Ion: 108 Resp: 68563  
Ion Ratio Lower Upper  
108 100  
107 86.0 75.0 112.4

Manual Integrations  
APPROVED

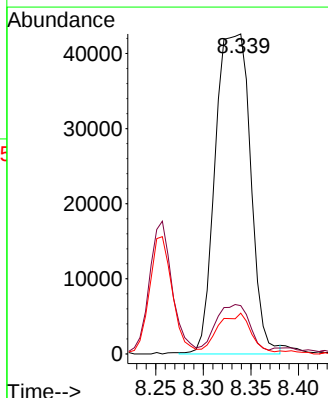
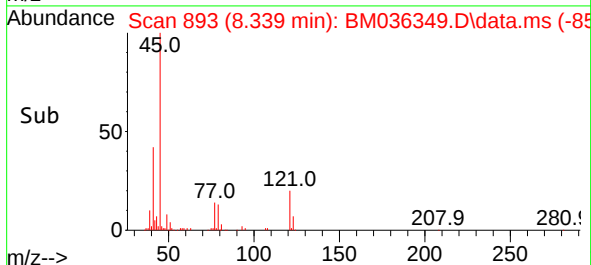
Reviewed By :Jagrut Upadhyay 08/19/2022  
Supervised By :Sohil Jodhani 08/22/2022

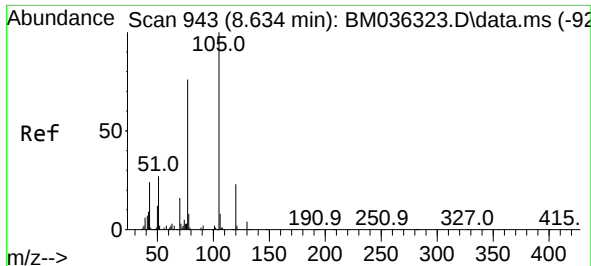


#14  
2,2'-oxybis(1-Chloropropane)  
Concen: 4.441 ng/ul m  
RT: 8.339 min Scan# 893  
Delta R.T. -0.000 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06



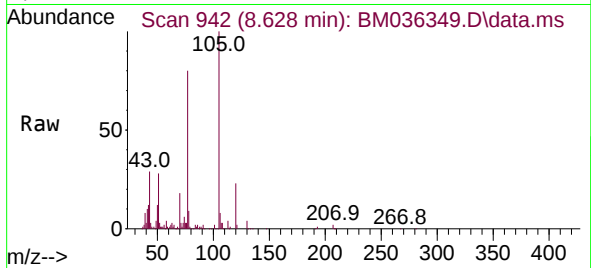
Tgt Ion: 45 Resp: 109377  
Ion Ratio Lower Upper  
45 100  
77 15.1 10.6 15.8  
79 12.7 8.3 12.5





#16  
Acetophenone  
Concen: 4.279 ng/ul  
RT: 8.628 min Scan# 943  
Delta R.T. -0.006 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

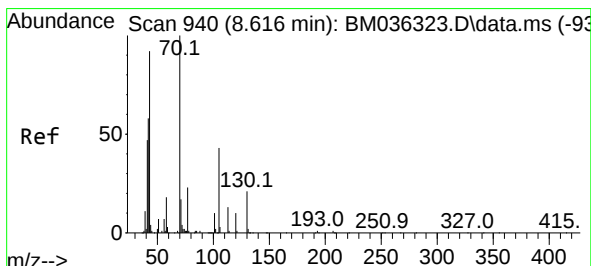
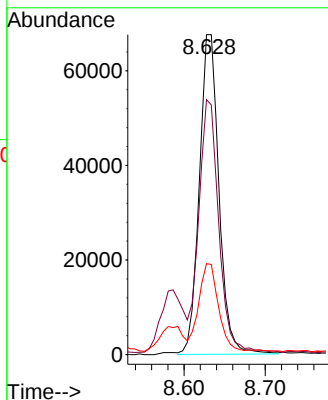
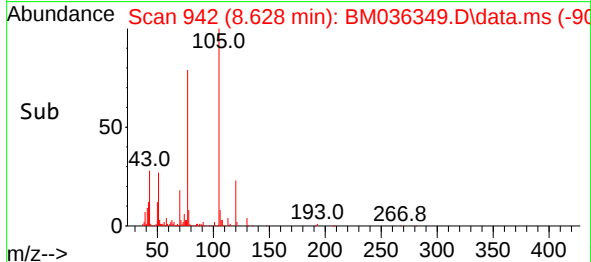
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-MED-SOIL-QT2-2022-03



Tgt Ion:105 Resp: 113758  
Ion Ratio Lower Upper  
105 100  
77 79.7 59.8 89.6  
51 28.4 22.1 33.1

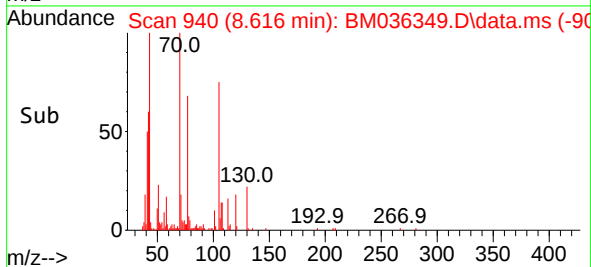
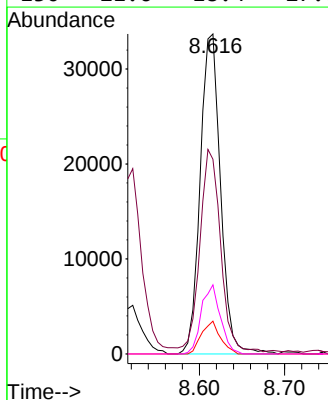
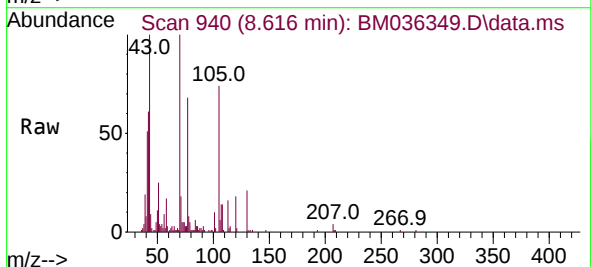
Manual Integrations  
APPROVED

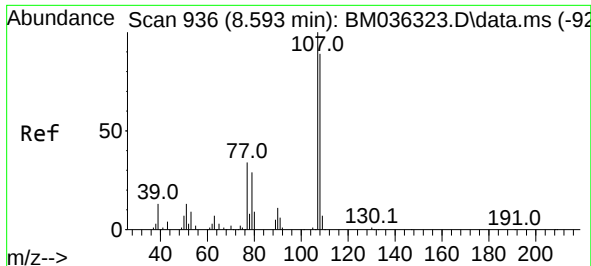
Reviewed By :Jagrut Upadhyay 08/19/2022  
Supervised By :Sohil Jodhani 08/22/2022



#17  
N-Nitroso-di-n-propylamine  
Concen: 4.222 ng/ul  
RT: 8.616 min Scan# 940  
Delta R.T. -0.006 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

Tgt Ion: 70 Resp: 55866  
Ion Ratio Lower Upper  
70 100  
42 60.8 49.6 74.4  
101 10.2 8.1 12.1  
130 21.6 18.4 27.6





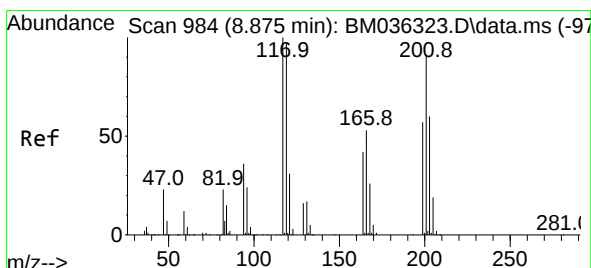
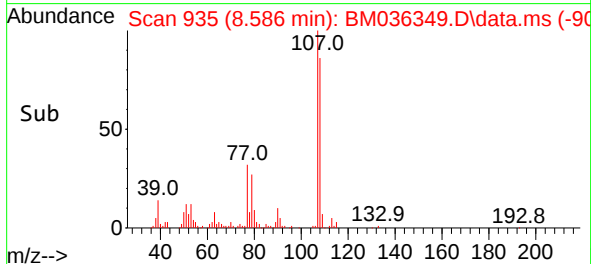
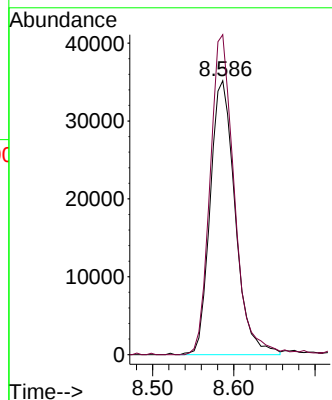
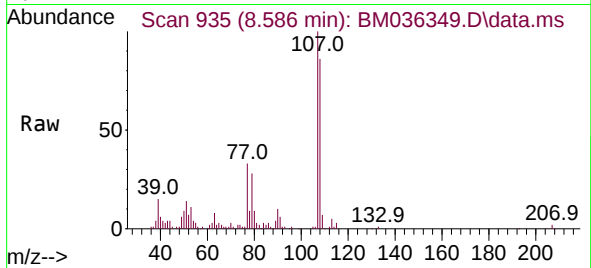
#18  
4-Methylphenol  
Concen: 4.144 ng/ul  
RT: 8.586 min Scan# 931  
Delta R.T. -0.006 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-MED-SOIL-QT2-2022-03

Tgt Ion:108 Resp: 75264  
Ion Ratio Lower Upper  
108 100  
107 116.9 90.3 135.5

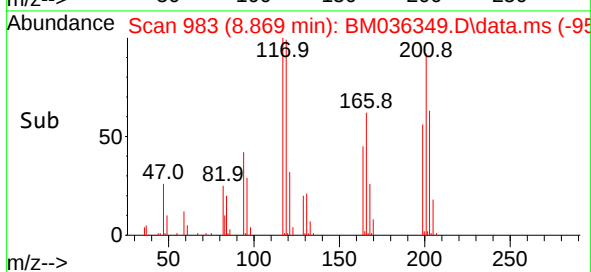
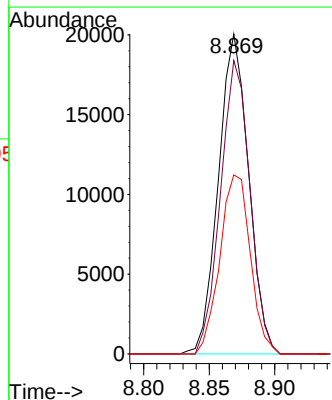
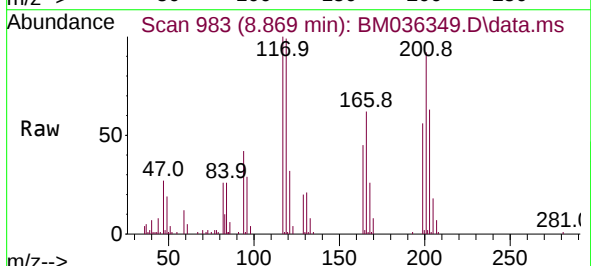
Manual Integrations  
APPROVED

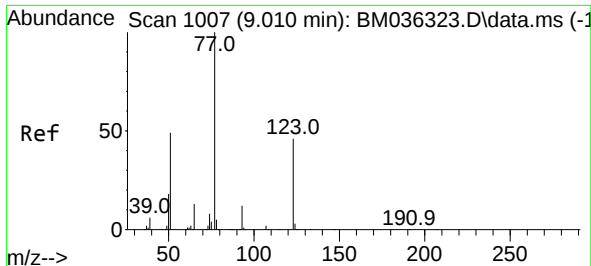
Reviewed By :Jagrut Upadhyay 08/19/2022  
Supervised By :Sohil Jodhani 08/22/2022



#19  
Hexachloroethane  
Concen: 4.228 ng/ul  
RT: 8.869 min Scan# 983  
Delta R.T. -0.006 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

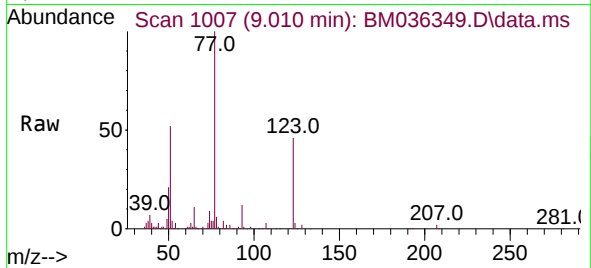
Tgt Ion:117 Resp: 32172  
Ion Ratio Lower Upper  
117 100  
201 93.8 81.8 122.6  
199 57.5 51.6 77.4





#22  
Nitrobenzene  
Concen: 4.247 ng/ul  
RT: 9.010 min Scan# 1007  
Delta R.T. -0.006 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

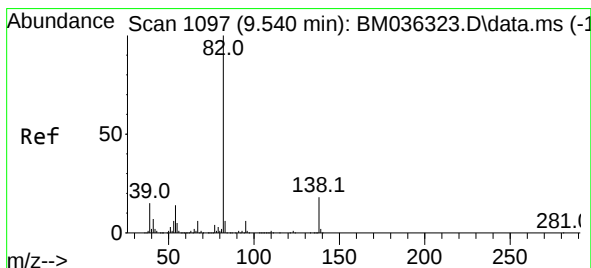
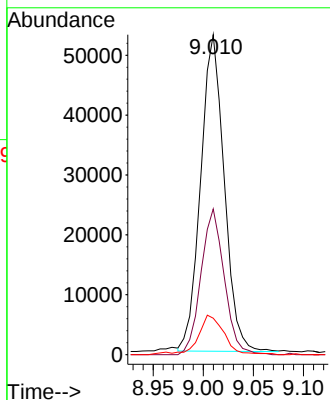
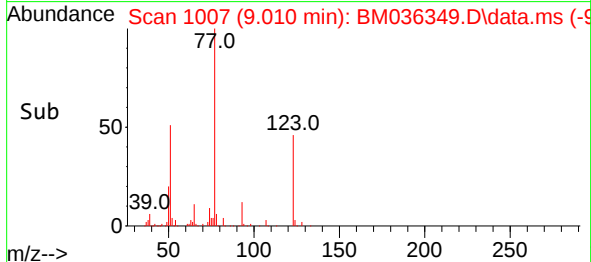
Instrument : BNA\_M  
ClientSampleId : MDL-MED-SOIL-QT2-2022-03



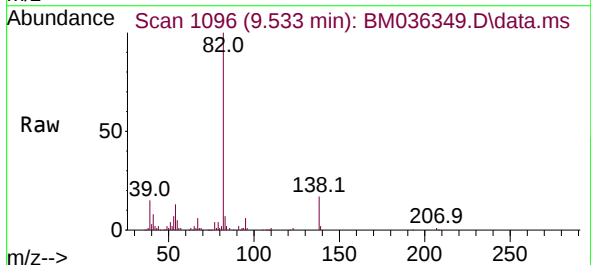
Tgt Ion: 77 Resp: 86520  
Ion Ratio Lower Upper  
77 100  
123 45.5 37.4 56.0  
65 11.4 10.8 16.2

Manual Integrations  
APPROVED

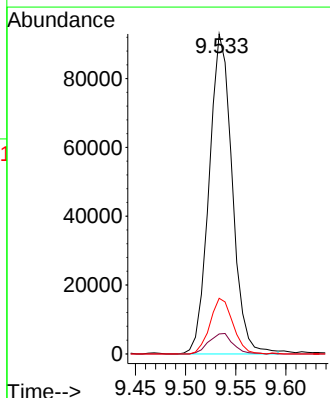
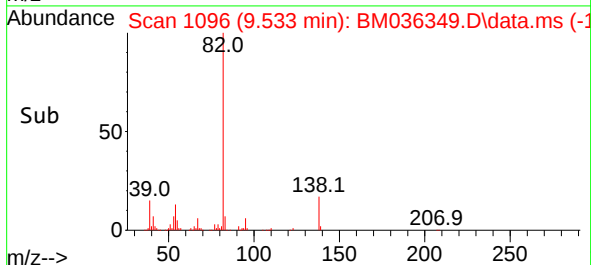
Reviewed By :Jagrut Upadhyay 08/19/2022  
Supervised By :Sohil Jodhani 08/22/2022

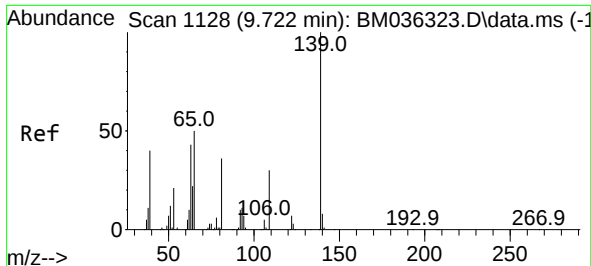


#23  
Isophorone  
Concen: 4.119 ng/ul  
RT: 9.533 min Scan# 1096  
Delta R.T. -0.006 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06



Tgt Ion: 82 Resp: 149007  
Ion Ratio Lower Upper  
82 100  
95 6.2 5.5 8.3  
138 17.4 15.3 22.9





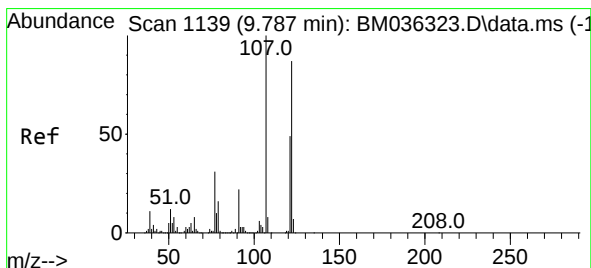
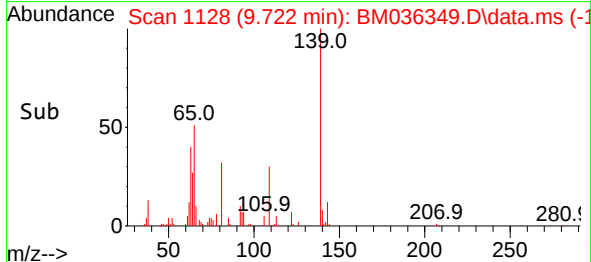
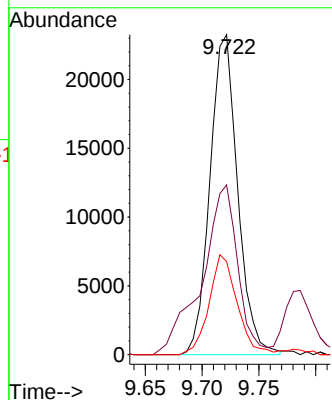
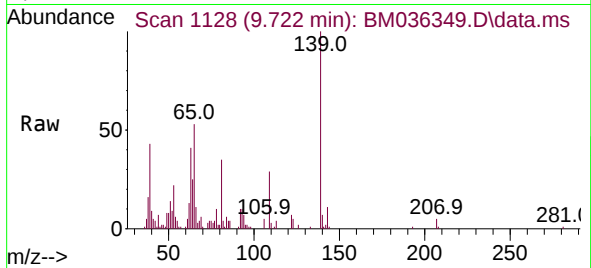
#25  
2-Nitrophenol  
Concen: 4.059 ng/ul  
RT: 9.722 min Scan# 1128  
Delta R.T. -0.006 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

Instrument : BNA\_M  
ClientSampleId : MDL-MED-SOIL-QT2-2022-03

Tgt Ion:139 Resp: 3943  
Ion Ratio Lower Upper  
139 100  
65 53.0 39.8 59.6  
109 29.1 22.2 33.4

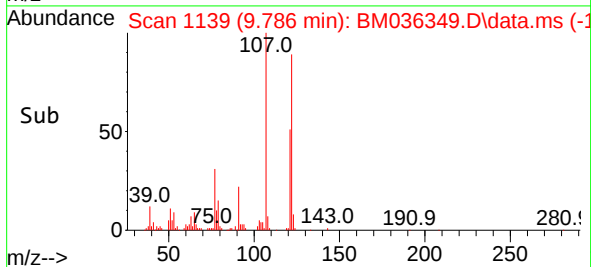
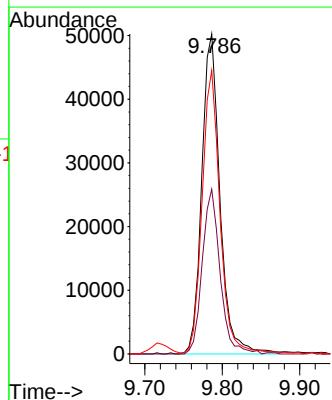
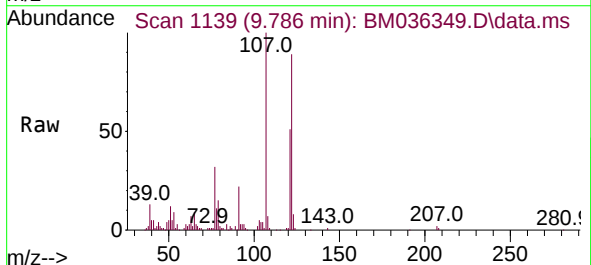
Manual Integrations  
APPROVED

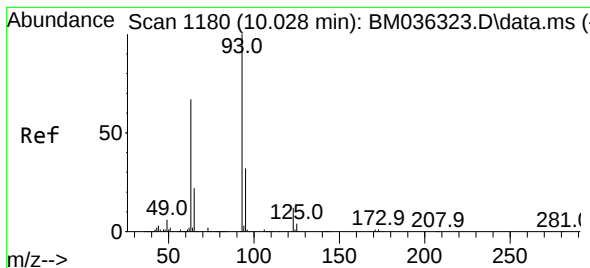
Reviewed By :Jagrut Upadhyay 08/19/2022  
Supervised By :Sohil Jodhani 08/22/2022



#26  
2,4-Dimethylphenol  
Concen: 4.217 ng/ul  
RT: 9.786 min Scan# 1139  
Delta R.T. -0.006 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

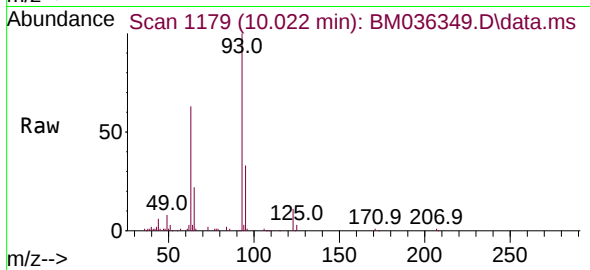
Tgt Ion:107 Resp: 81948  
Ion Ratio Lower Upper  
107 100  
121 51.5 42.7 64.1  
122 88.6 71.5 107.3





#27  
Bis(2-Chloroethoxy)methane  
Concen: 4.219 ng/ul  
RT: 10.022 min Scan# 1180  
Delta R.T. -0.006 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

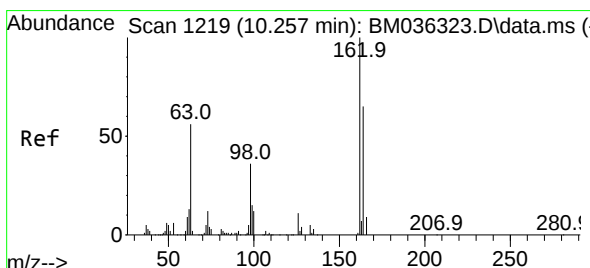
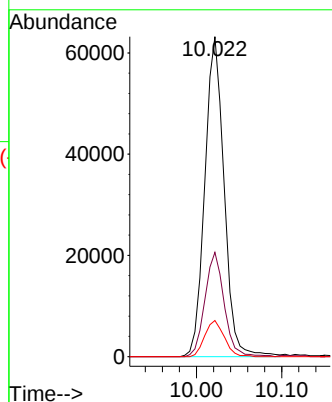
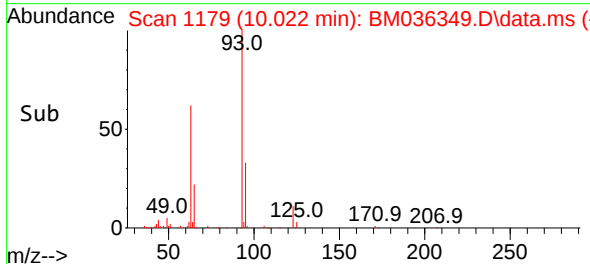
Instrument : BNA\_M  
ClientSampleId : MDL-MED-SOIL-QT2-2022-03



Tgt Ion: 93 Resp: 99376  
Ion Ratio Lower Upper  
93 100  
95 32.6 26.1 39.1  
123 11.3 9.4 14.0

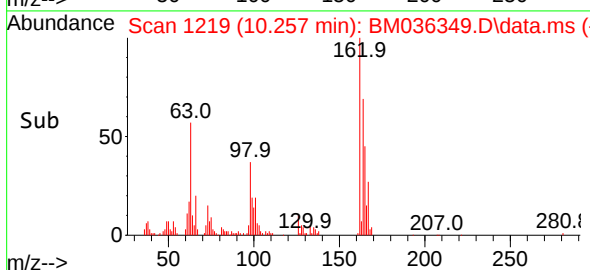
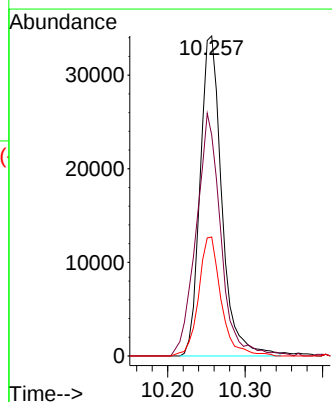
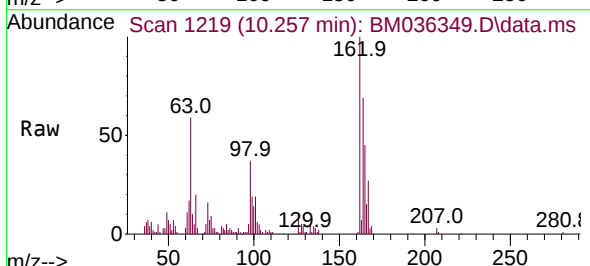
Manual Integrations  
APPROVED

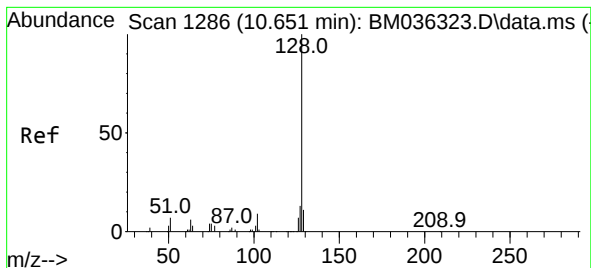
Reviewed By :Jagrut Upadhyay 08/19/2022  
Supervised By :Sohil Jodhani 08/22/2022



#29  
2,4-Dichlorophenol  
Concen: 4.172 ng/ul  
RT: 10.257 min Scan# 1219  
Delta R.T. -0.006 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

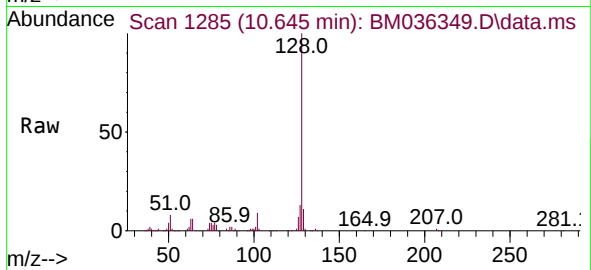
Tgt Ion:162 Resp: 66509  
Ion Ratio Lower Upper  
162 100  
164 69.0 51.8 77.6  
98 37.1 29.5 44.3





#30  
Naphthalene  
Concen: 4.301 ng/ul  
RT: 10.645 min Scan# 1285  
Delta R.T. -0.006 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

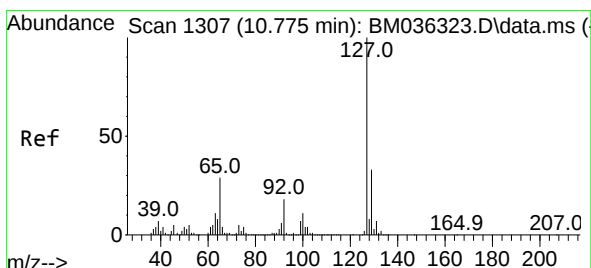
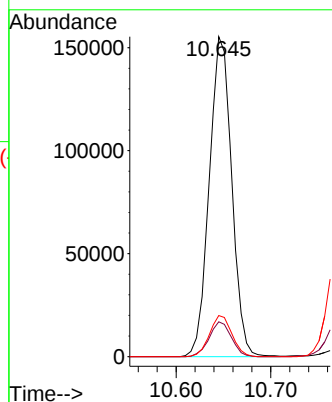
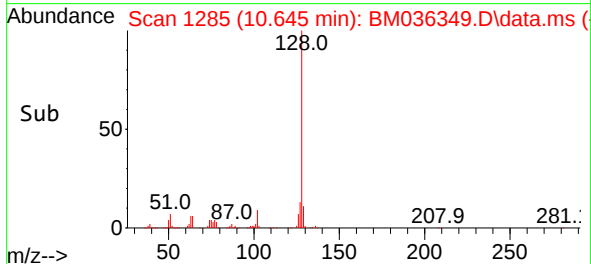
Instrument : BNA\_M  
ClientSampleId : MDL-MED-SOIL-QT2-2022-03



Tgt Ion:128 Resp: 255982  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.8 13.2  
127 12.8 10.6 16.0

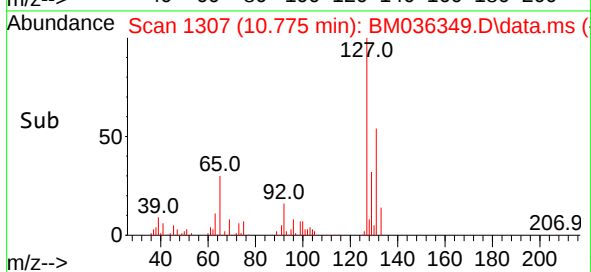
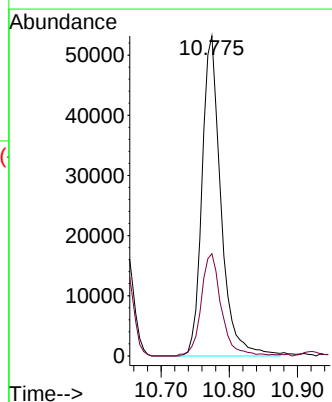
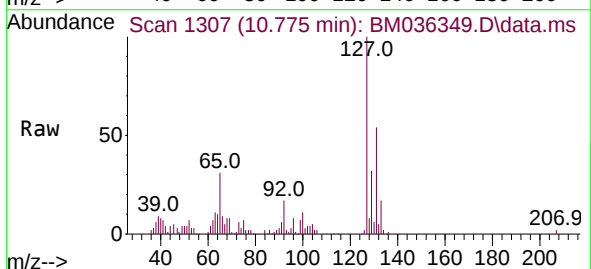
Manual Integrations  
APPROVED

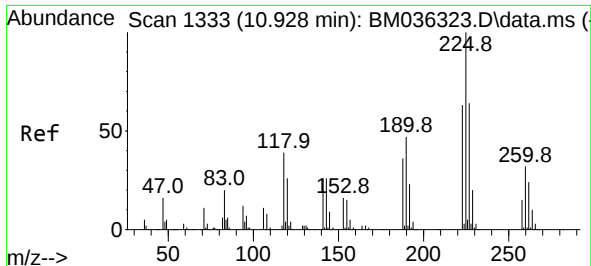
Reviewed By :Jagrut Upadhyay 08/19/2022  
Supervised By :Sohil Jodhani 08/22/2022



#32  
4-Chloroaniline  
Concen: 4.170 ng/ul  
RT: 10.775 min Scan# 1307  
Delta R.T. -0.006 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

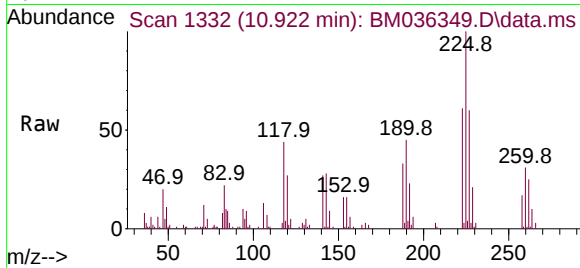
Tgt Ion:127 Resp: 102471  
Ion Ratio Lower Upper  
127 100  
129 31.9 25.3 37.9





#33  
Hexachlorobutadiene  
Concen: 4.172 ng/ul  
RT: 10.922 min Scan# 1333  
Delta R.T. -0.012 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

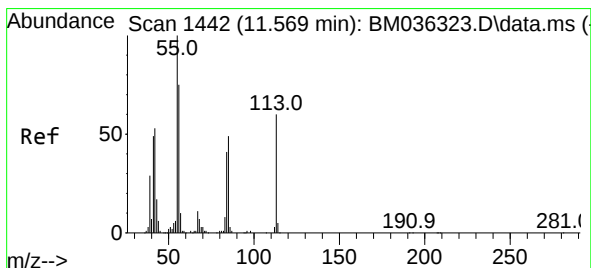
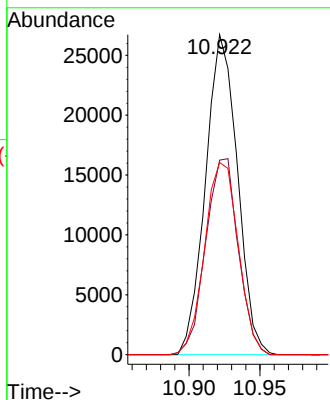
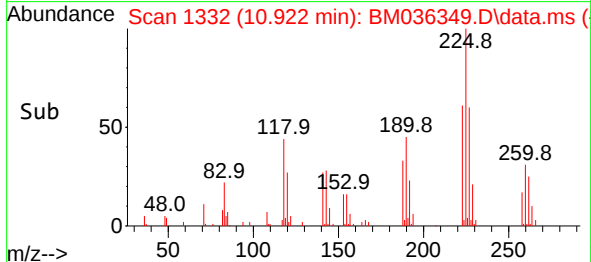
Instrument : BNA\_M  
ClientSampleId :  
MDL-MED-SOIL-QT2-2022-03



Tgt Ion:225 Resp: 41793  
Ion Ratio Lower Upper  
225 100  
223 63.3 50.0 75.0  
227 60.0 49.9 74.9

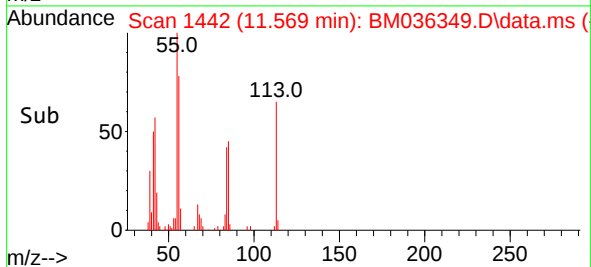
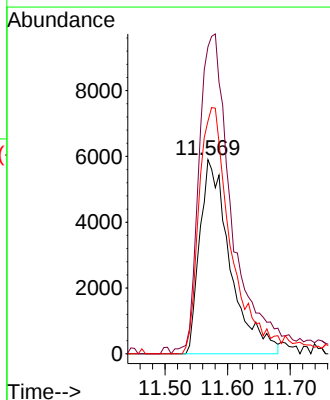
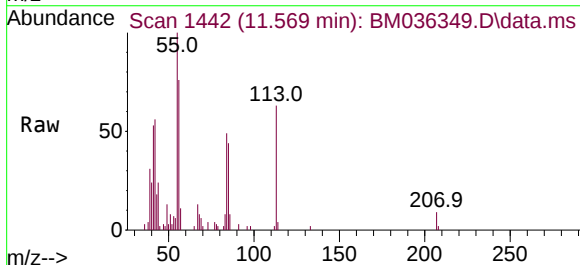
Manual Integrations  
APPROVED

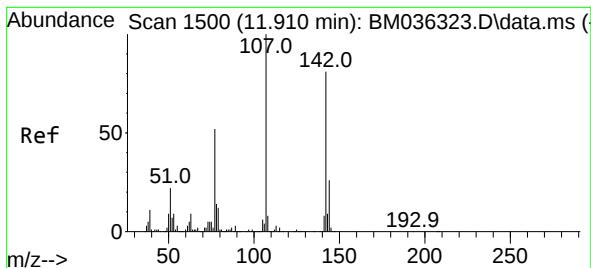
Reviewed By :Jagrut Upadhyay 08/19/2022  
Supervised By :Sohil Jodhani 08/22/2022



#34  
Caprolactam  
Concen: 4.173 ng/ul m  
RT: 11.569 min Scan# 1442  
Delta R.T. -0.000 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

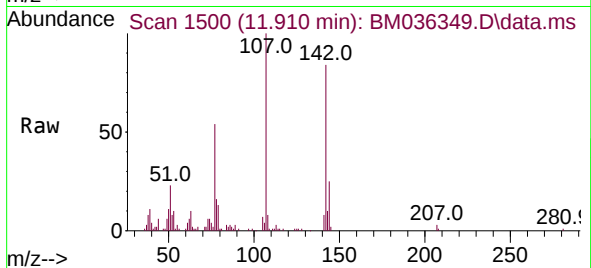
Tgt Ion:113 Resp: 19933  
Ion Ratio Lower Upper  
113 100  
55 158.2 150.2 225.4  
56 119.9 102.1 153.1





#35  
4-Chloro-3-methylphenol  
Concen: 3.990 ng/ul  
RT: 11.910 min Scan# 1500  
Delta R.T. -0.006 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

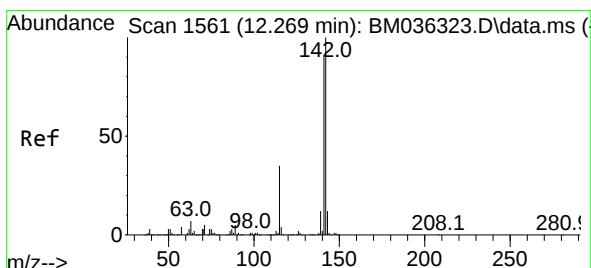
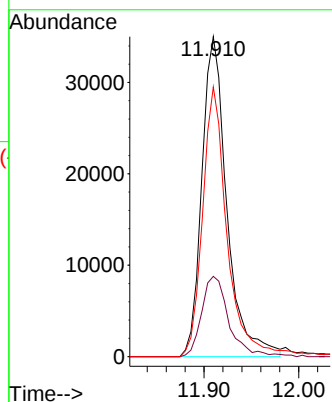
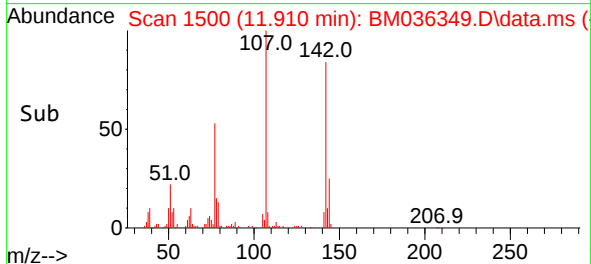
Instrument : BNA\_M  
ClientSampleId : MDL-MED-SOIL-QT2-2022-03



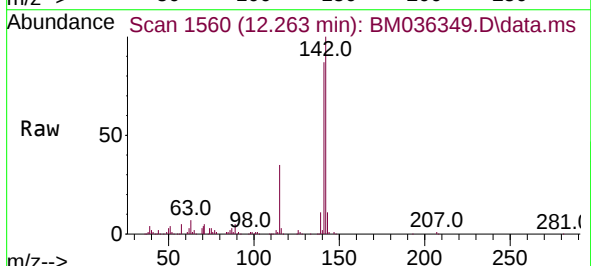
Tgt Ion:107 Resp: 64320  
Ion Ratio Lower Upper  
107 100  
144 25.1 20.3 30.5  
142 84.3 64.4 96.6

Manual Integrations  
APPROVED

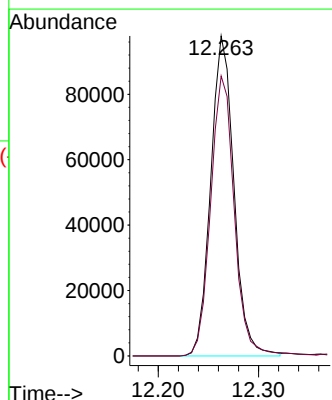
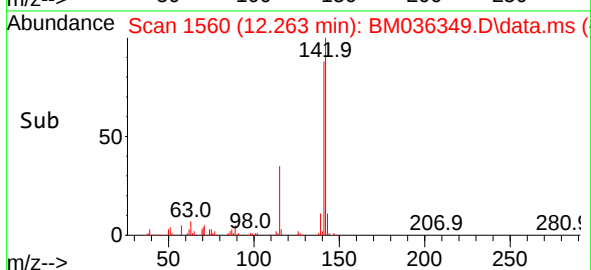
Reviewed By :Jagrut Upadhyay 08/19/2022  
Supervised By :Sohil Jodhani 08/22/2022

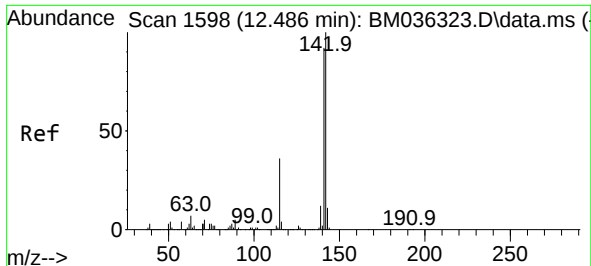


#36  
2-Methylnaphthalene  
Concen: 4.216 ng/ul  
RT: 12.263 min Scan# 1560  
Delta R.T. -0.006 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06



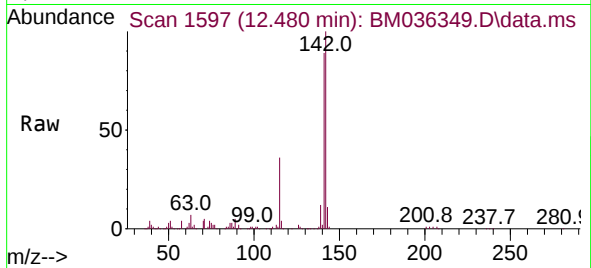
Tgt Ion:142 Resp: 157426  
Ion Ratio Lower Upper  
142 100  
141 87.5 70.7 106.1





#37  
1-Methylnaphthalene  
Concen: 4.419 ng/ul  
RT: 12.480 min Scan# 1598  
Delta R.T. -0.006 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

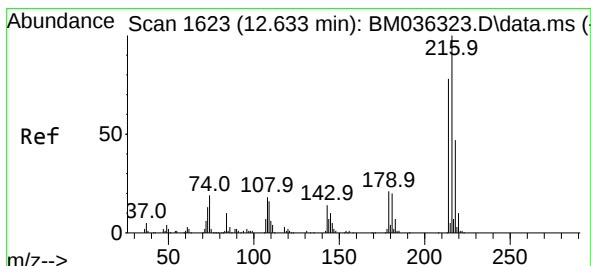
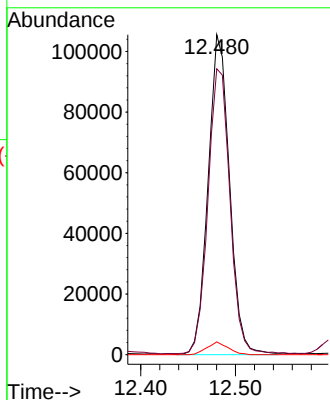
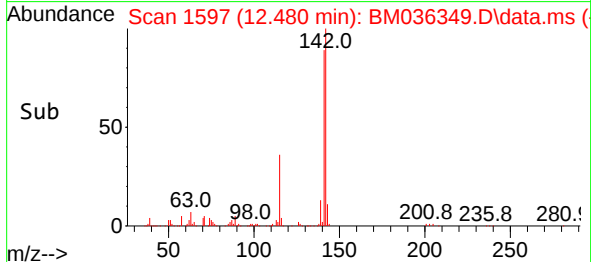
Instrument : BNA\_M  
ClientSampleId : MDL-MED-SOIL-QT2-2022-03



Tgt Ion:142 Resp: 166209  
Ion Ratio Lower Upper  
142 100  
141 89.3 75.2 112.8  
116 4.0 2.6 3.8

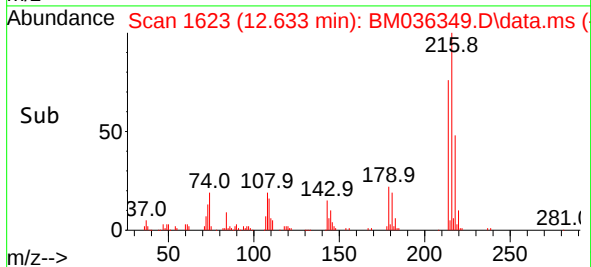
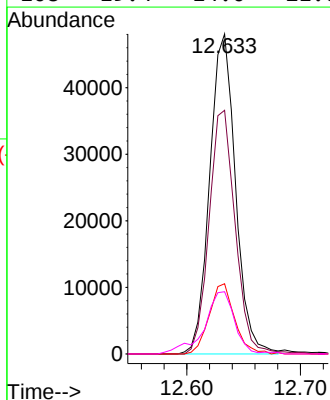
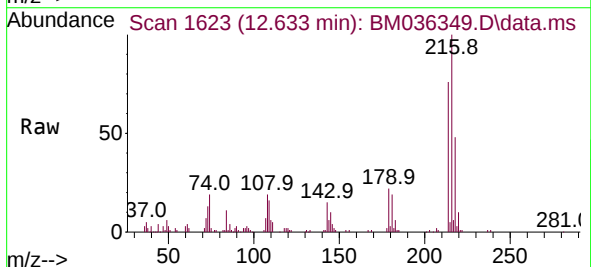
Manual Integrations  
APPROVED

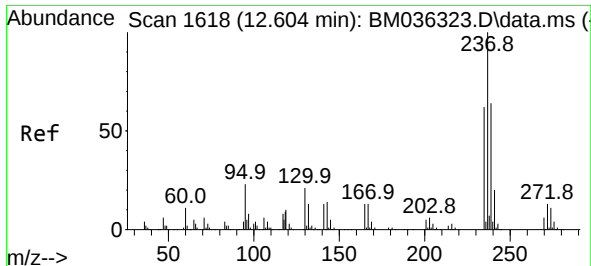
Reviewed By :Jagrut Upadhyay 08/19/2022  
Supervised By :Sohil Jodhani 08/22/2022



#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 4.150 ng/ul  
RT: 12.633 min Scan# 1623  
Delta R.T. -0.000 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

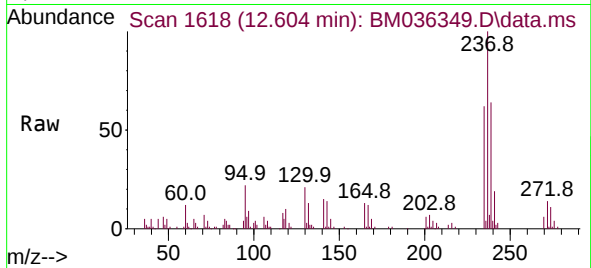
Tgt Ion:216 Resp: 75962  
Ion Ratio Lower Upper  
216 100  
214 76.1 62.4 93.6  
179 21.9 17.3 25.9  
108 19.4 14.0 21.0





#40  
Hexachlorocyclopentadiene  
Concen: 4.773 ng/ul  
RT: 12.604 min Scan# 1618  
Delta R.T. -0.006 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

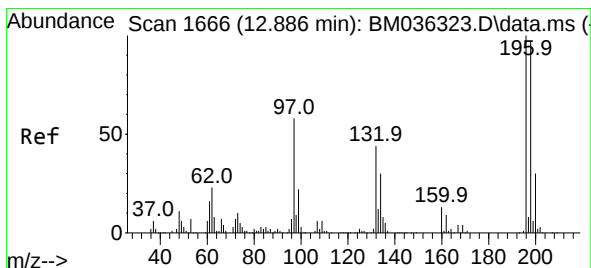
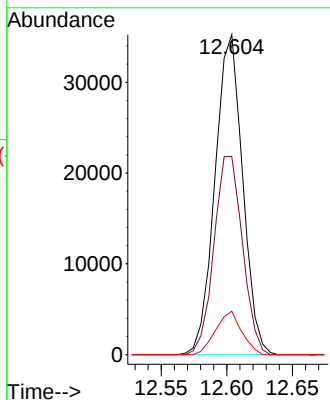
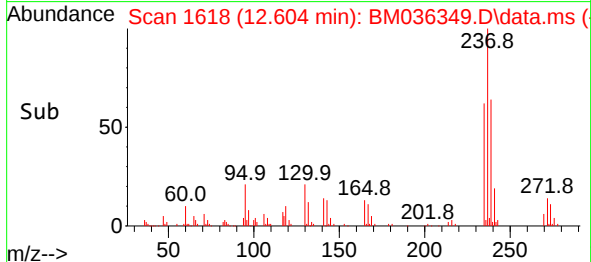
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-MED-SOIL-QT2-2022-03



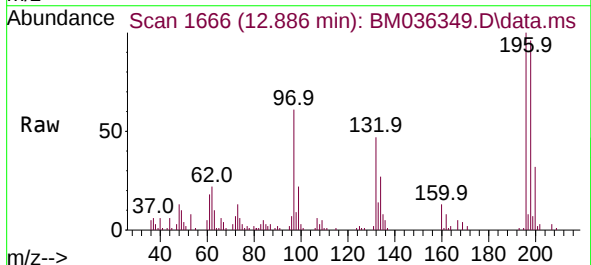
Tgt Ion:237 Resp: 5182  
Ion Ratio Lower Upper  
237 100  
235 61.9 48.4 72.6  
272 14.5 11.6 17.4

Manual Integrations  
APPROVED

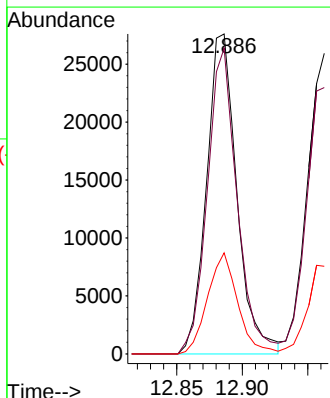
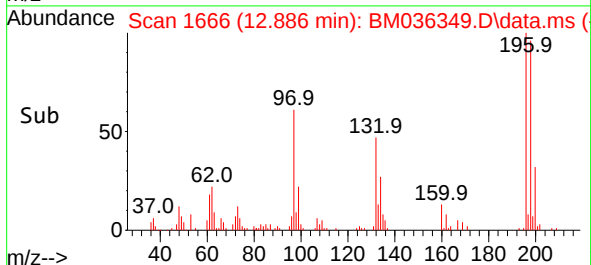
Reviewed By :Jagrut Upadhyay 08/19/2022  
Supervised By :Sohil Jodhani 08/22/2022

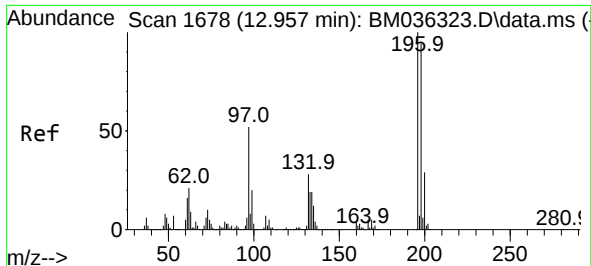


#41  
2,4,6-Trichlorophenol  
Concen: 3.867 ng/ul  
RT: 12.886 min Scan# 1666  
Delta R.T. -0.000 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06



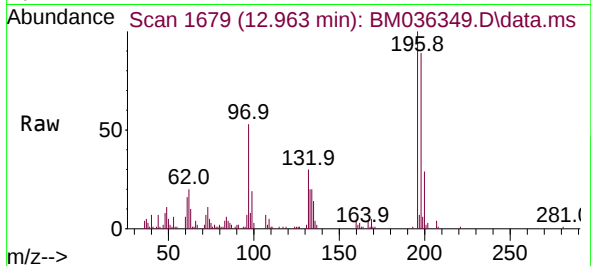
Tgt Ion:196 Resp: 44539  
Ion Ratio Lower Upper  
196 100  
198 95.5 77.8 116.6  
200 31.6 25.0 37.6





#42  
2,4,5-Trichlorophenol  
Concen: 3.749 ng/ul  
RT: 12.963 min Scan# 1679  
Delta R.T. -0.000 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

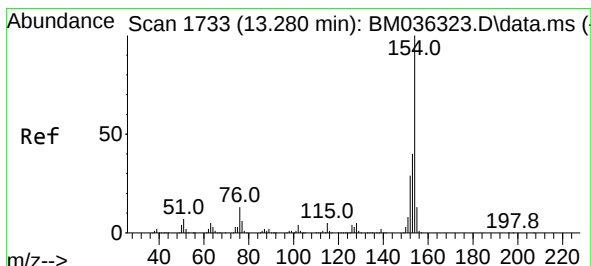
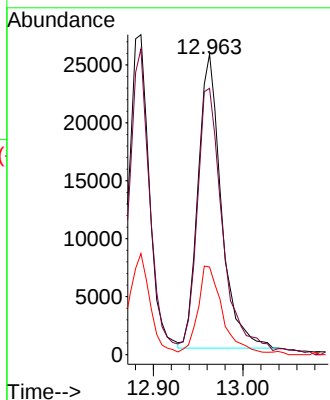
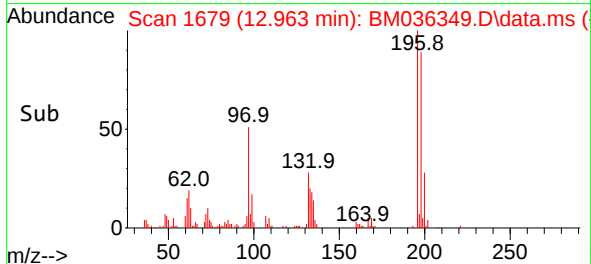
Instrument : BNA\_M  
ClientSampleId : MDL-MED-SOIL-QT2-2022-03



Tgt Ion:196 Resp: 45800  
Ion Ratio Lower Upper  
196 100  
198 88.6 76.8 115.2  
200 29.2 24.9 37.3

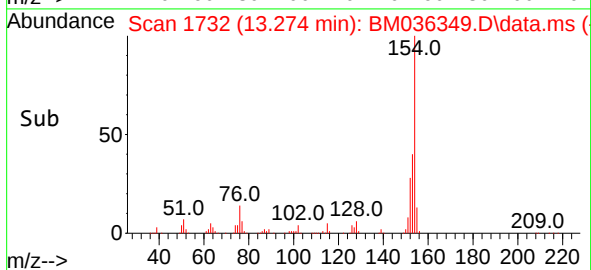
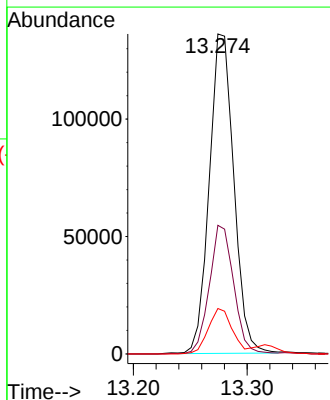
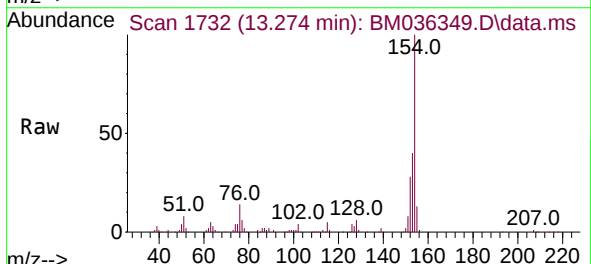
Manual Integrations  
APPROVED

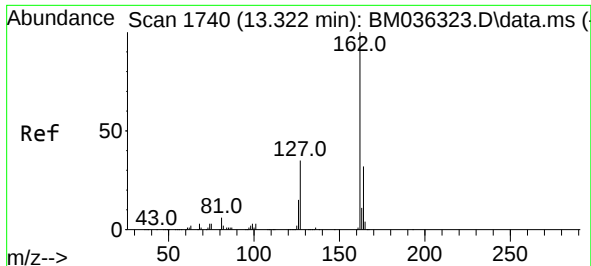
Reviewed By :Jagrut Upadhyay 08/19/2022  
Supervised By :Sohil Jodhani 08/22/2022



#43  
1,1'-Biphenyl  
Concen: 4.107 ng/ul  
RT: 13.274 min Scan# 1732  
Delta R.T. -0.012 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

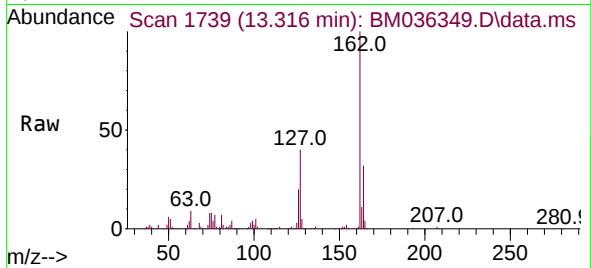
Tgt Ion:154 Resp: 204520  
Ion Ratio Lower Upper  
154 100  
153 40.2 32.4 48.6  
76 14.2 10.1 15.1





#44  
2-Chloronaphthalene  
Concen: 4.151 ng/ul  
RT: 13.316 min Scan# 1739  
Delta R.T. -0.006 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

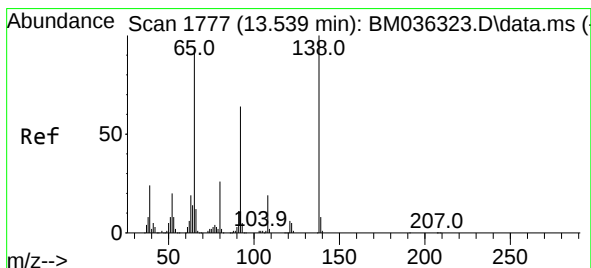
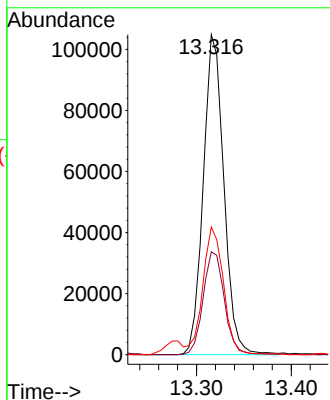
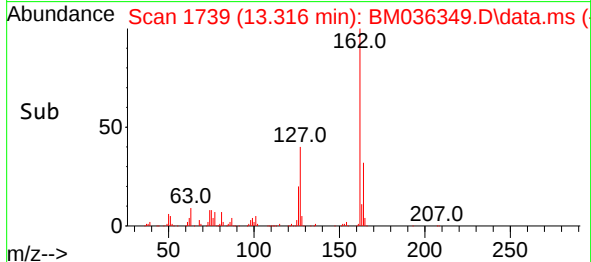
Instrument : BNA\_M  
ClientSampleId : MDL-MED-SOIL-QT2-2022-03



Tgt Ion:162 Resp: 158640  
Ion Ratio Lower Upper  
162 100  
164 32.1 25.4 38.0  
127 39.9 31.6 47.4

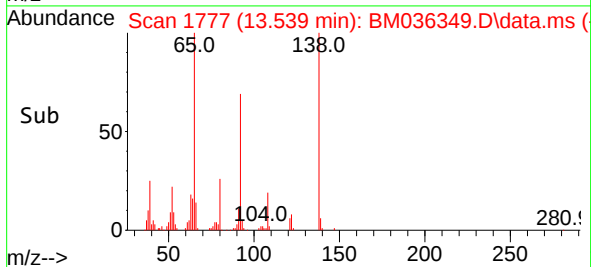
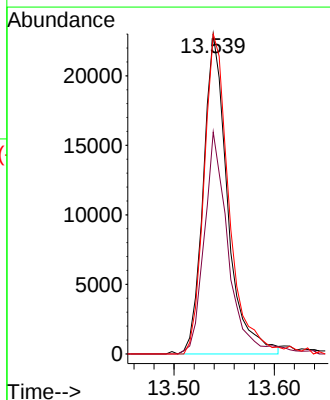
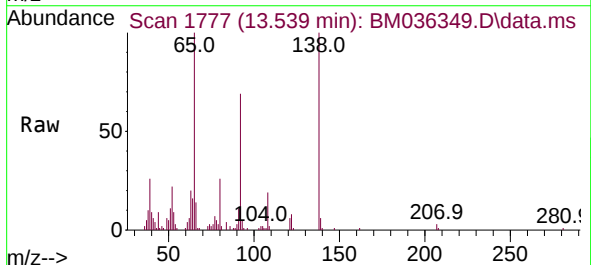
Manual Integrations  
APPROVED

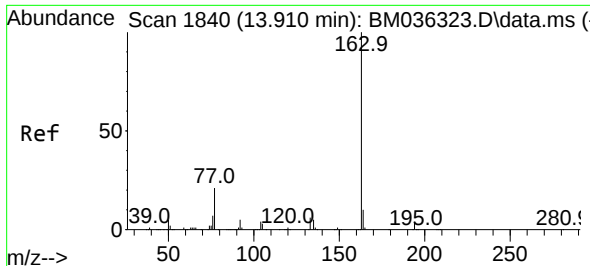
Reviewed By :Jagrut Upadhyay 08/19/2022  
Supervised By :Sohil Jodhani 08/22/2022



#45  
2-Nitroaniline  
Concen: 3.733 ng/ul  
RT: 13.539 min Scan# 1777  
Delta R.T. -0.006 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

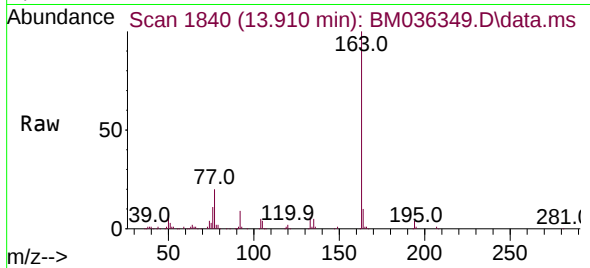
Tgt Ion: 65 Resp: 38633  
Ion Ratio Lower Upper  
65 100  
92 69.3 54.5 81.7  
138 100.0 91.2 136.8





#47  
Dimethylphthalate  
Concen: 4.291 ng/ul  
RT: 13.910 min Scan# 1840  
Delta R.T. -0.006 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

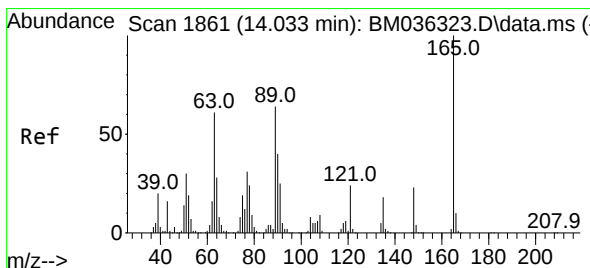
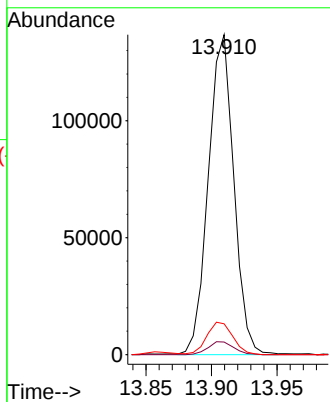
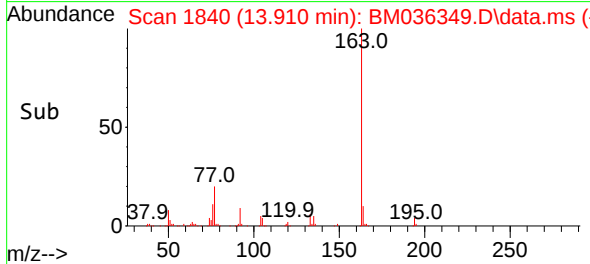
Instrument : BNA\_M  
ClientSampleId : MDL-MED-SOIL-QT2-2022-03



Tgt Ion:163 Resp: 185035  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.2 4.8  
164 9.6 7.9 11.9

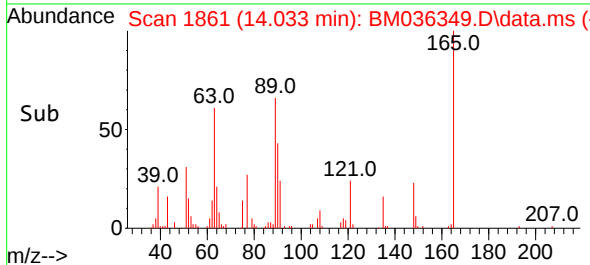
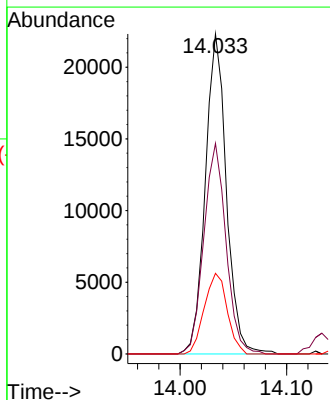
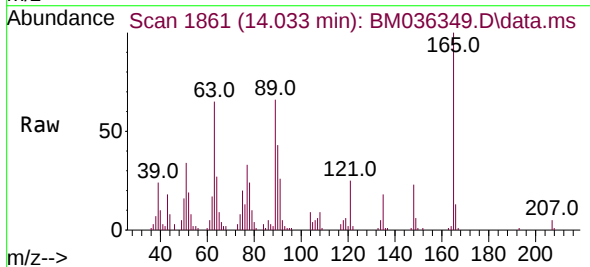
Manual Integrations  
APPROVED

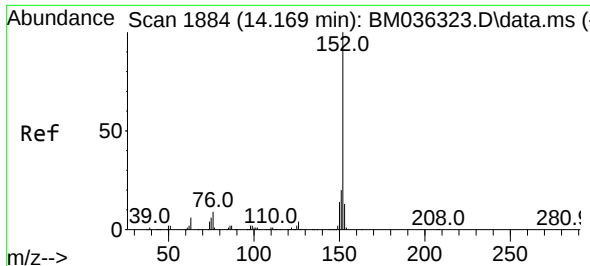
Reviewed By :Jagrut Upadhyay 08/19/2022  
Supervised By :Sohil Jodhani 08/22/2022



#48  
2,6-Dinitrotoluene  
Concen: 3.783 ng/ul  
RT: 14.033 min Scan# 1861  
Delta R.T. -0.006 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

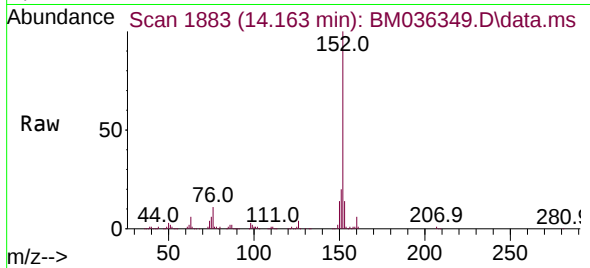
Tgt Ion:165 Resp: 30778  
Ion Ratio Lower Upper  
165 100  
89 65.8 42.5 63.7#  
121 25.2 17.2 25.8





#50  
Acenaphthylene  
Concen: 4.327 ng/ul  
RT: 14.163 min Scan# 1884  
Delta R.T. -0.006 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

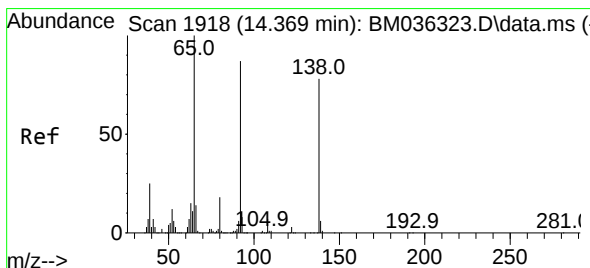
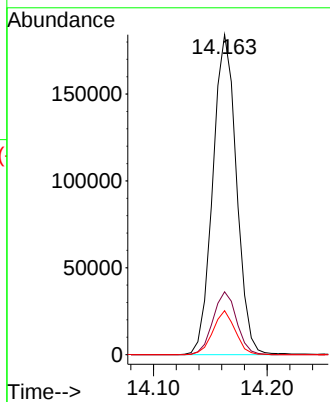
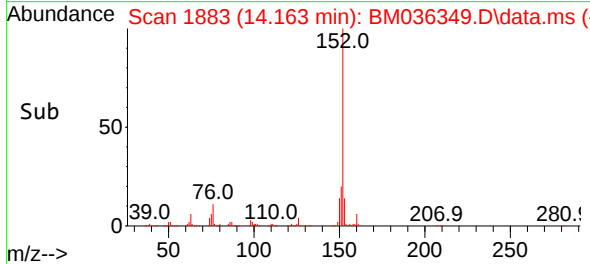
Instrument : BNA\_M  
ClientSampleId : MDL-MED-SOIL-QT2-2022-03



Tgt Ion:152 Resp: 266634  
Ion Ratio Lower Upper  
152 100  
151 19.6 16.1 24.1  
153 13.7 10.6 15.8

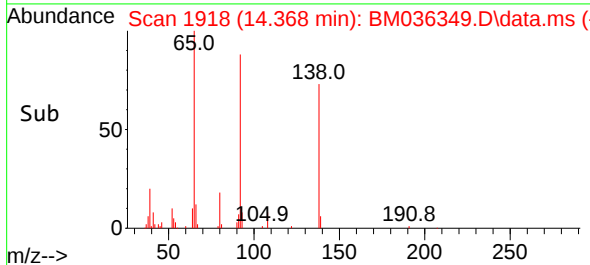
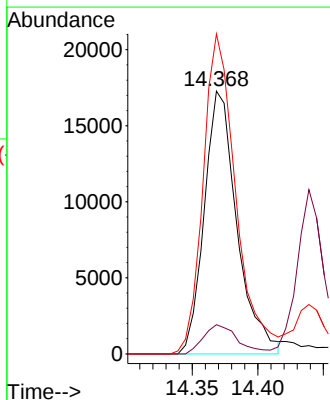
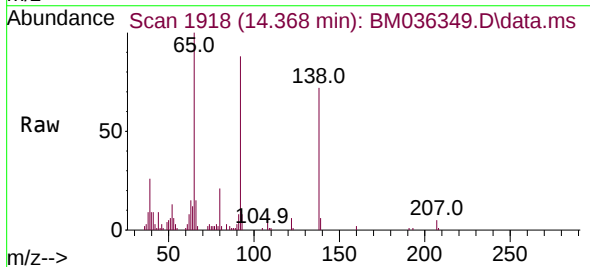
Manual Integrations  
APPROVED

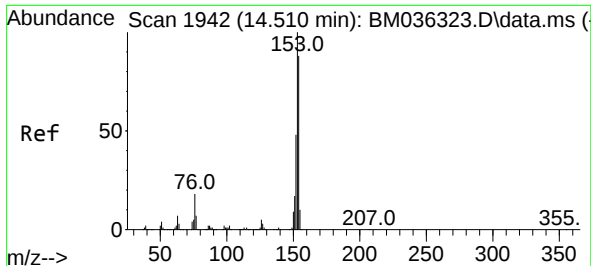
Reviewed By :Jagrut Upadhyay 08/19/2022  
Supervised By :Sohil Jodhani 08/22/2022



#51  
3-Nitroaniline  
Concen: 3.373 ng/ul  
RT: 14.368 min Scan# 1918  
Delta R.T. -0.000 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

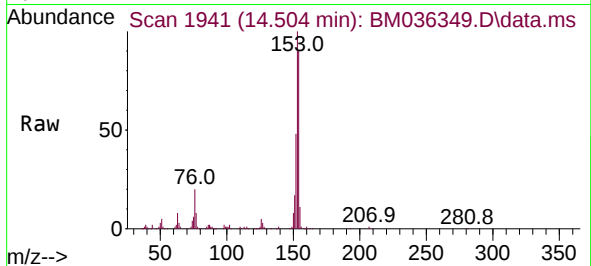
Tgt Ion:138 Resp: 30015  
Ion Ratio Lower Upper  
138 100  
108 11.1 8.1 12.1  
92 121.8 90.4 135.6





#52  
Acenaphthene  
Concen: 4.256 ng/ul  
RT: 14.504 min Scan# 1941  
Delta R.T. -0.006 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

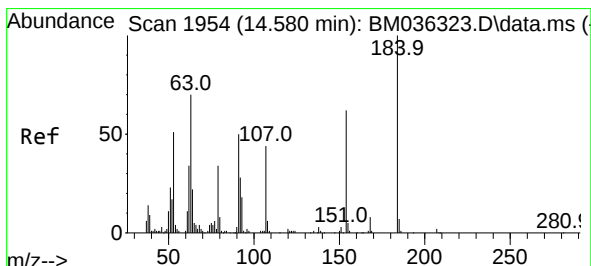
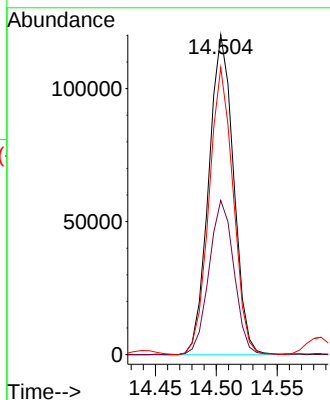
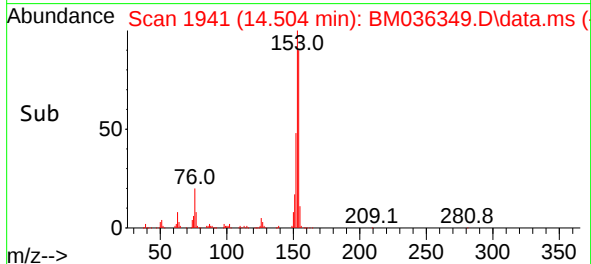
Instrument : BNA\_M  
ClientSampleId :  
MDL-MED-SOIL-QT2-2022-03



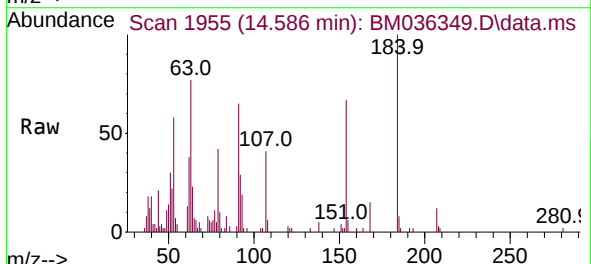
Tgt Ion:153 Resp: 170907  
Ion Ratio Lower Upper  
153 100  
152 48.2 37.1 55.7  
154 89.7 71.3 106.9

Manual Integrations  
APPROVED

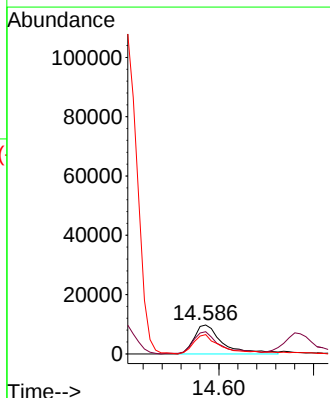
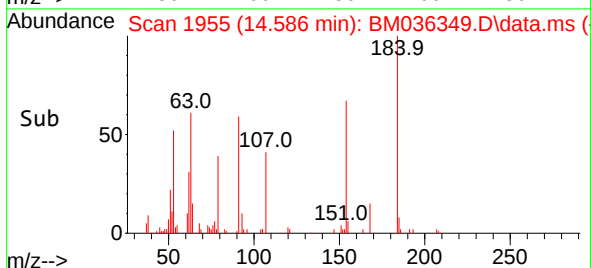
Reviewed By :Jagrut Upadhyay 08/19/2022  
Supervised By :Sohil Jodhani 08/22/2022

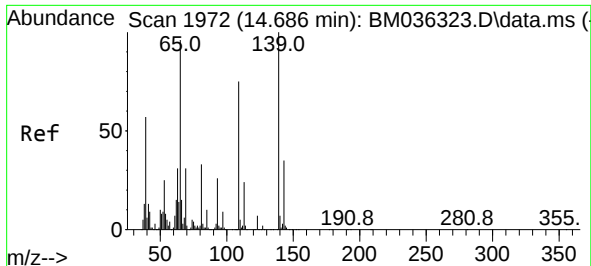


#53  
2,4-Dinitrophenol  
Concen: 4.553 ng/ul  
RT: 14.586 min Scan# 1955  
Delta R.T. -0.000 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06



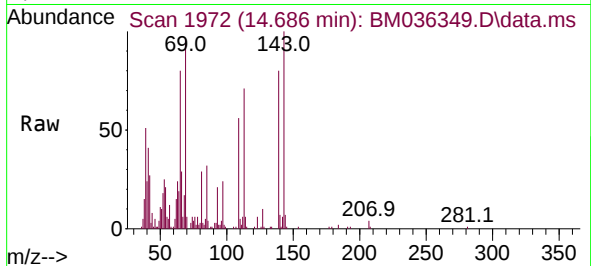
Tgt Ion:184 Resp: 20187  
Ion Ratio Lower Upper  
184 100  
63 76.8 54.2 81.4  
154 66.9 49.3 73.9





#55  
4-Nitrophenol  
Concen: 5.029 ng/ul  
RT: 14.686 min Scan# 1972  
Delta R.T. -0.006 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

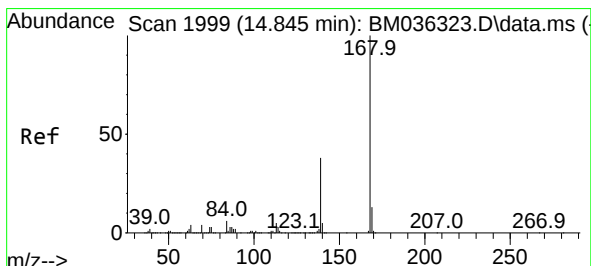
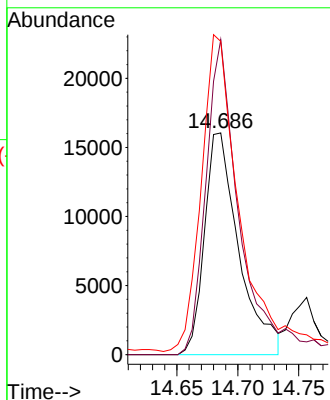
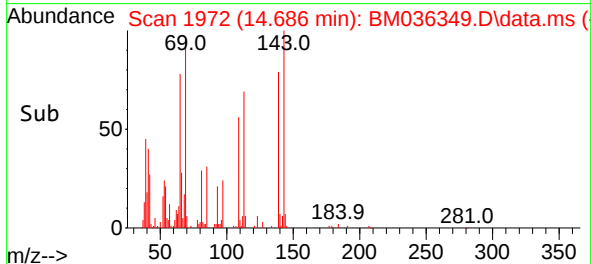
Instrument : BNA\_M  
ClientSampleId : MDL-MED-SOIL-QT2-2022-03



Tgt Ion:109 Resp: 31542  
Ion Ratio Lower Upper  
109 100  
139 142.1 124.9 187.3  
65 141.3 122.2 183.4

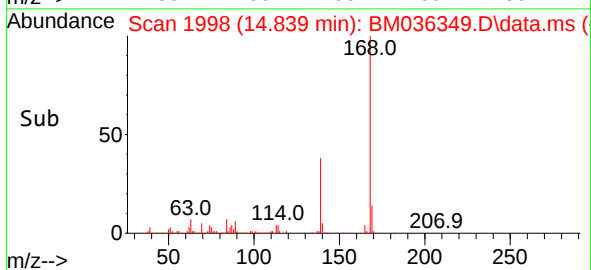
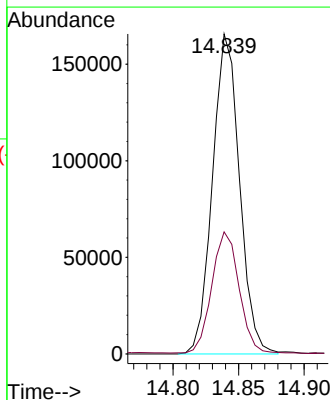
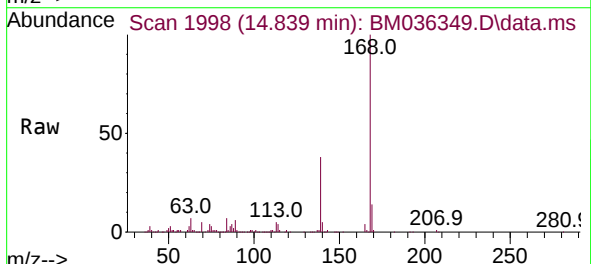
Manual Integrations  
APPROVED

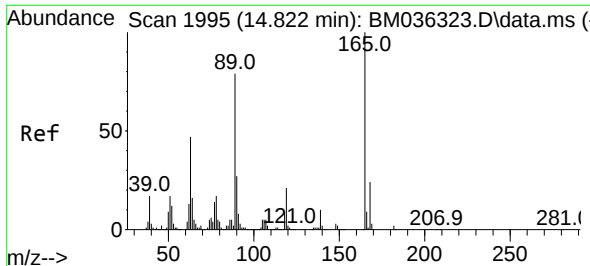
Reviewed By :Jagrut Upadhyay 08/19/2022  
Supervised By :Sohil Jodhani 08/22/2022



#56  
Dibenzofuran  
Concen: 4.260 ng/ul  
RT: 14.839 min Scan# 1998  
Delta R.T. -0.006 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

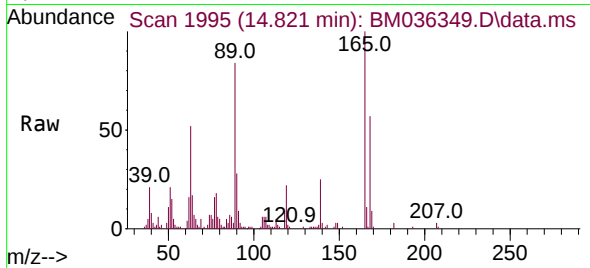
Tgt Ion:168 Resp: 237382  
Ion Ratio Lower Upper  
168 100  
139 38.1 30.1 45.1





#57  
2,4-Dinitrotoluene  
Concen: 4.017 ng/ul  
RT: 14.821 min Scan# 1995  
Delta R.T. -0.000 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

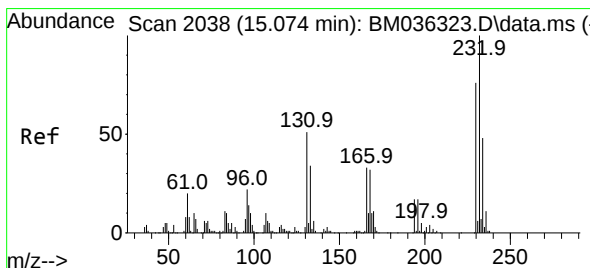
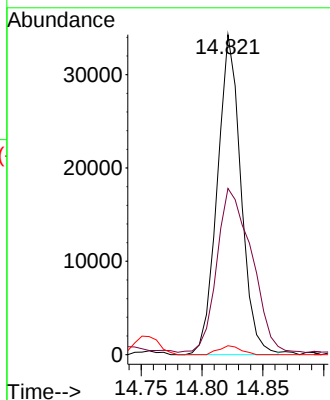
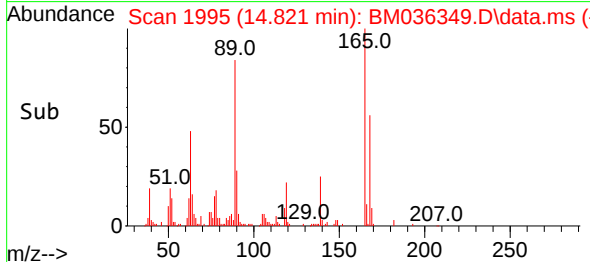
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-MED-SOIL-QT2-2022-03



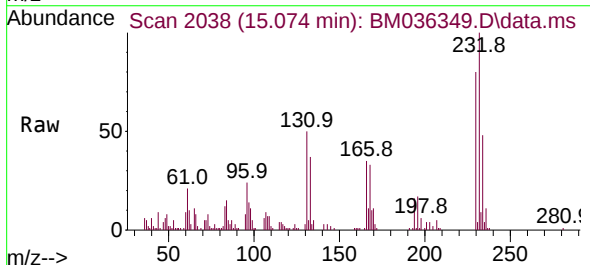
Tgt Ion:165 Resp: 46348  
Ion Ratio Lower Upper  
165 100  
63 51.9 35.9 53.9  
182 2.8 2.5 3.7

Manual Integrations  
APPROVED

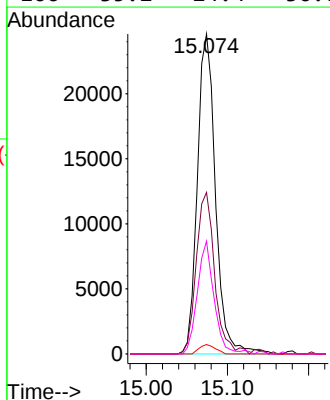
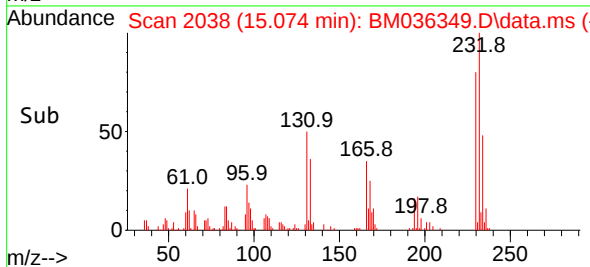
Reviewed By :Jagrut Upadhyay 08/19/2022  
Supervised By :Sohil Jodhani 08/22/2022

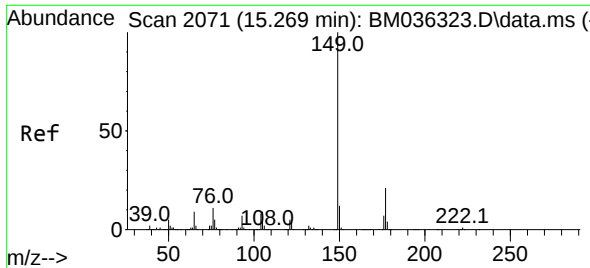


#58  
2,3,4,6-Tetrachlorophenol  
Concen: 4.109 ng/ul  
RT: 15.074 min Scan# 2038  
Delta R.T. -0.000 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06



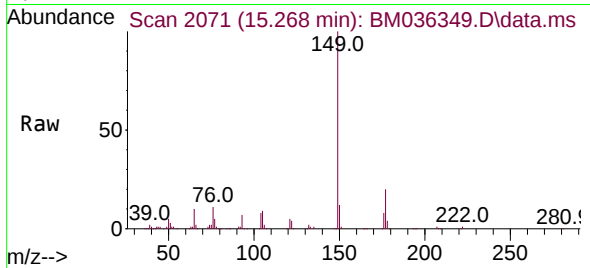
Tgt Ion:232 Resp: 38115  
Ion Ratio Lower Upper  
232 100  
131 50.5 36.7 55.1  
130 3.0 1.7 2.5#  
166 35.2 24.4 36.6





#59  
Diethylphthalate  
Concen: 4.250 ng/ul  
RT: 15.268 min Scan# 2071  
Delta R.T. -0.006 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

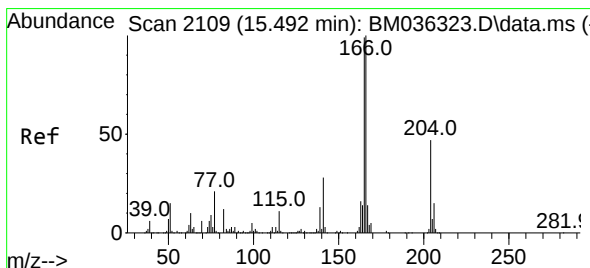
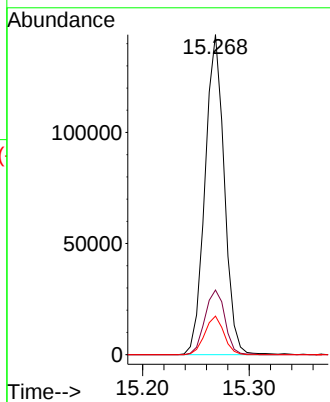
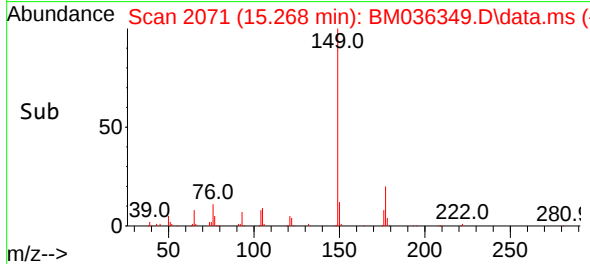
Instrument : BNA\_M  
ClientSampleId : MDL-MED-SOIL-QT2-2022-03



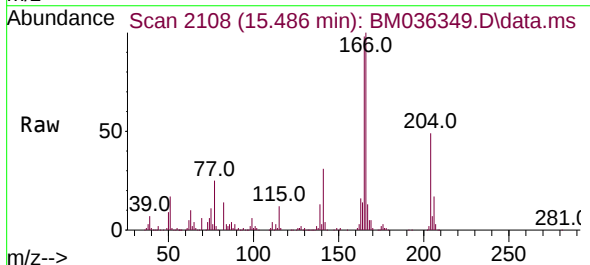
Tgt Ion:149 Resp: 180679  
Ion Ratio Lower Upper  
149 100  
177 20.2 16.8 25.2  
150 12.0 10.2 15.4

Manual Integrations  
APPROVED

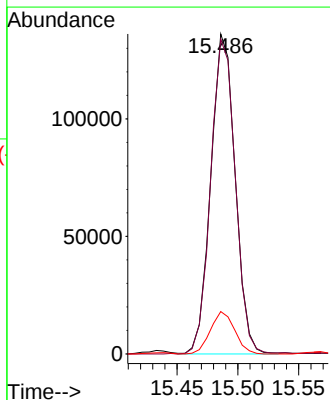
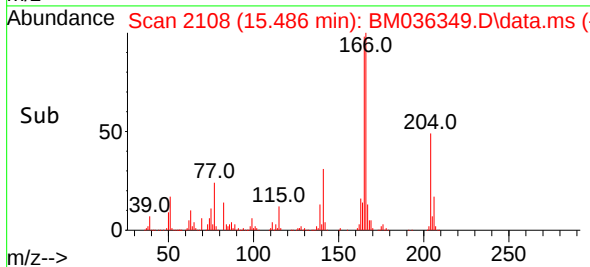
Reviewed By :Jagrut Upadhyay 08/19/2022  
Supervised By :Sohil Jodhani 08/22/2022

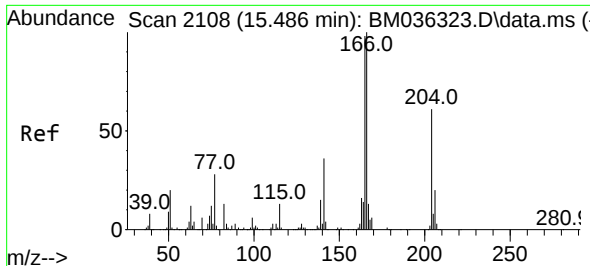


#61  
Fluorene  
Concen: 4.281 ng/ul  
RT: 15.486 min Scan# 2108  
Delta R.T. -0.006 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06



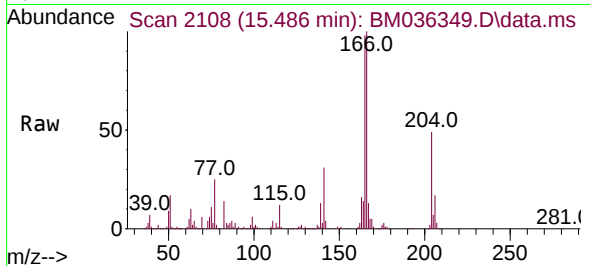
Tgt Ion:166 Resp: 189205  
Ion Ratio Lower Upper  
166 100  
165 98.3 77.2 115.8  
167 13.2 11.0 16.4





#62  
4-Chlorophenyl-phenylether  
Concen: 4.276 ng/ul  
RT: 15.486 min Scan# 2108  
Delta R.T. -0.006 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

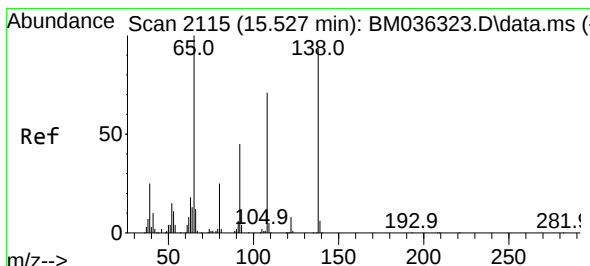
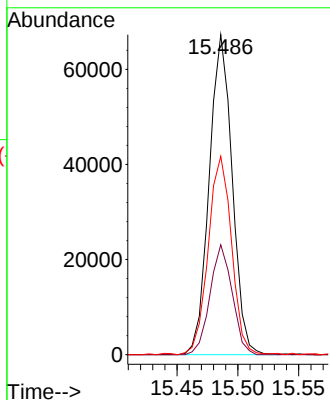
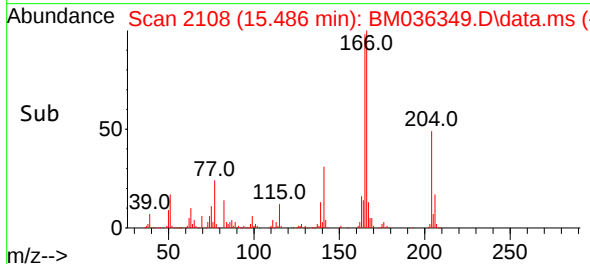
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-MED-SOIL-QT2-2022-03



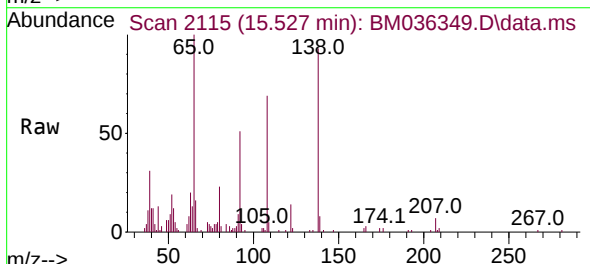
Tgt Ion:204 Resp: 88290  
Ion Ratio Lower Upper  
204 100  
206 34.3 25.9 38.9  
141 62.0 50.6 75.8

Manual Integrations  
APPROVED

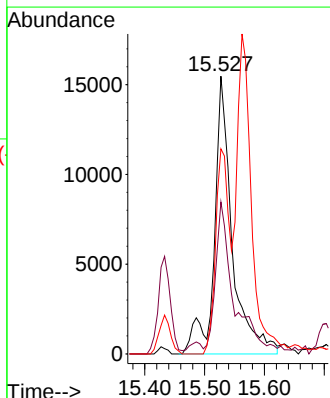
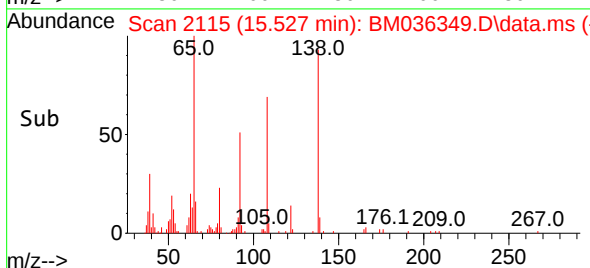
Reviewed By :Jagrut Upadhyay 08/19/2022  
Supervised By :Sohil Jodhani 08/22/2022

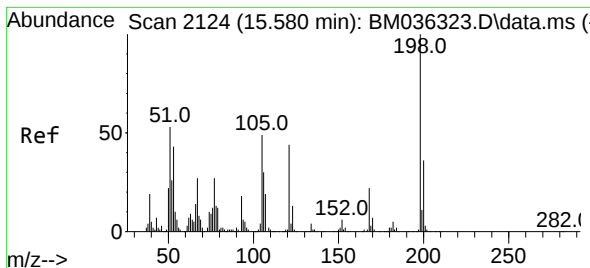


#63  
4-Nitroaniline  
Concen: 3.887 ng/ul m  
RT: 15.527 min Scan# 2115  
Delta R.T. -0.006 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06



Tgt Ion:138 Resp: 32260  
Ion Ratio Lower Upper  
138 100  
92 54.7 39.2 58.8  
108 73.9 51.6 77.4





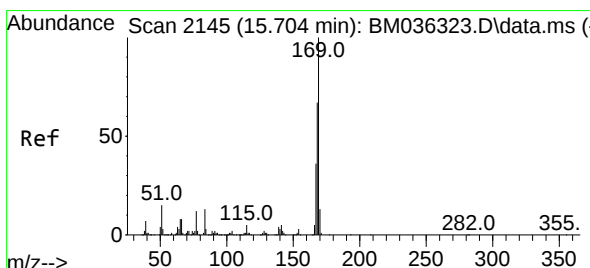
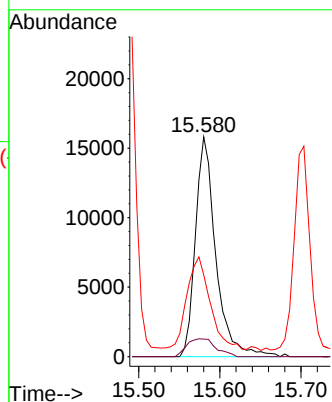
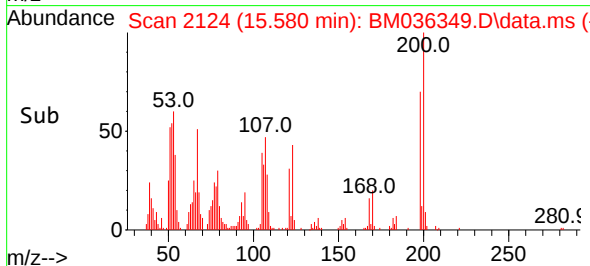
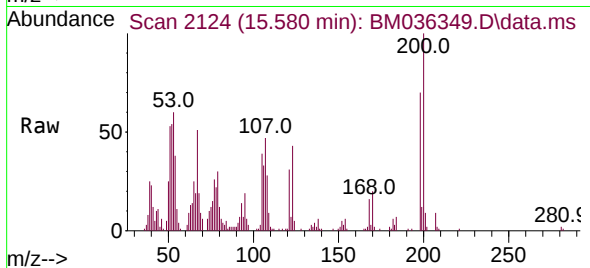
#66  
4,6-Dinitro-2-methylphenol  
Concen: 4.058 ng/ul  
RT: 15.580 min Scan# 2124  
Delta R.T. -0.006 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-MED-SOIL-QT2-2022-03

Tgt Ion:198 Resp: 2752  
Ion Ratio Lower Upper  
198 100  
182 8.0 4.2 6.4  
77 37.2 19.9 29.9

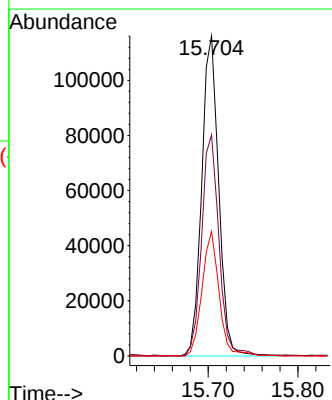
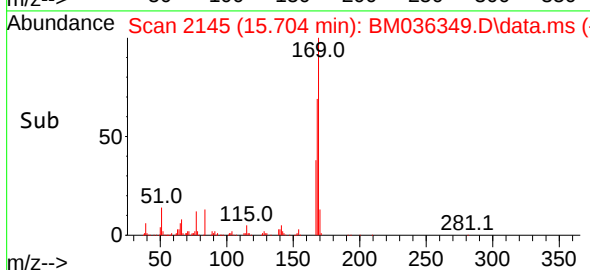
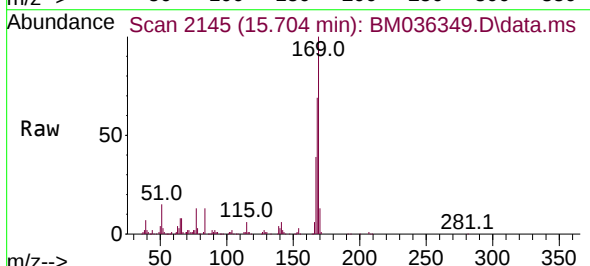
Manual Integrations  
APPROVED

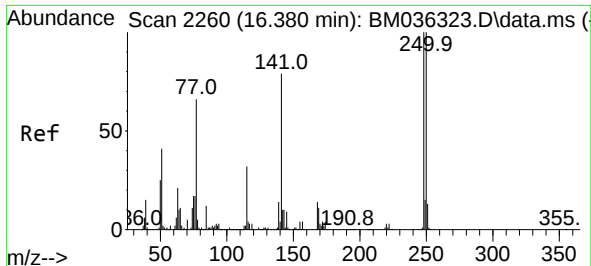
Reviewed By :Jagrut Upadhyay 08/19/2022  
Supervised By :Sohil Jodhani 08/22/2022



#67  
N-Nitrosodiphenylamine  
Concen: 4.084 ng/ul  
RT: 15.704 min Scan# 2145  
Delta R.T. -0.006 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

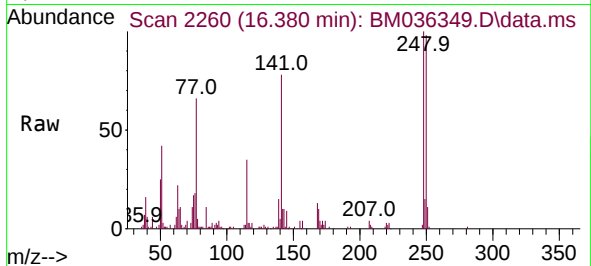
Tgt Ion:169 Resp: 152354  
Ion Ratio Lower Upper  
169 100  
168 69.1 53.8 80.6  
167 38.9 28.7 43.1





#68  
4-Bromophenyl-phenylether  
Concen: 3.963 ng/ul  
RT: 16.380 min Scan# 2260  
Delta R.T. -0.006 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

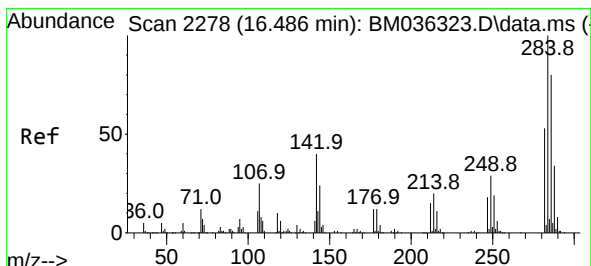
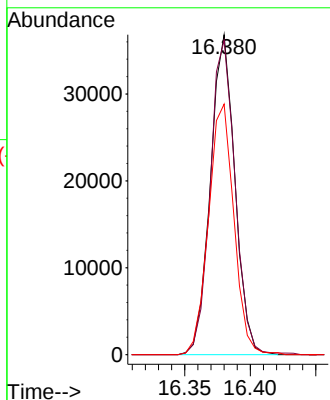
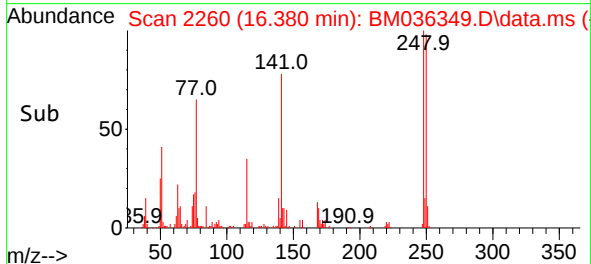
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-MED-SOIL-QT2-2022-03



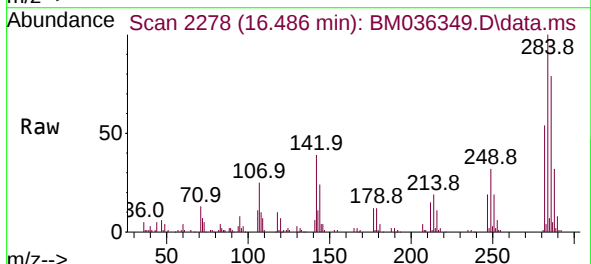
Tgt Ion:248 Resp: 47890  
Ion Ratio Lower Upper  
248 100  
250 98.2 77.3 115.9  
141 78.3 59.8 89.8

Manual Integrations  
APPROVED

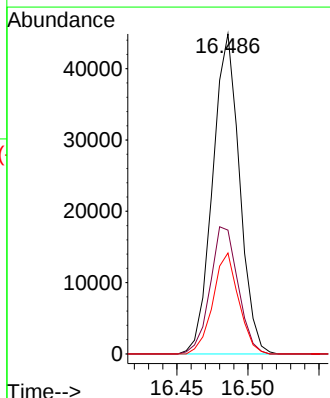
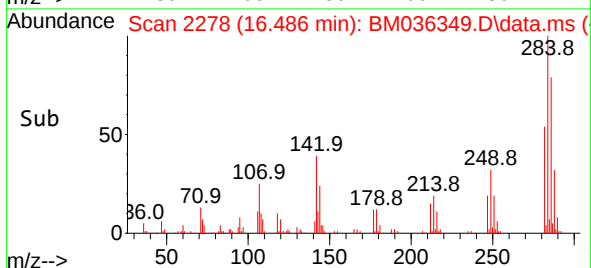
Reviewed By :Jagrut Upadhyay 08/19/2022  
Supervised By :Sohil Jodhani 08/22/2022

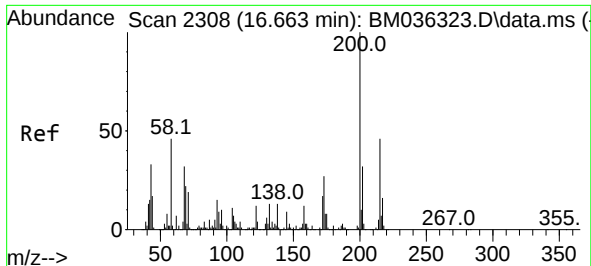


#69  
Hexachlorobenzene  
Concen: 4.049 ng/ul  
RT: 16.486 min Scan# 2278  
Delta R.T. -0.006 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06



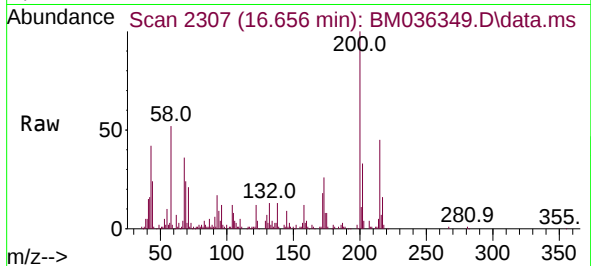
Tgt Ion:284 Resp: 59294  
Ion Ratio Lower Upper  
284 100  
142 38.7 28.6 42.8  
249 31.5 24.6 37.0





#70  
Atrazine  
Concen: 5.002 ng/ul  
RT: 16.656 min Scan# 2307  
Delta R.T. -0.006 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

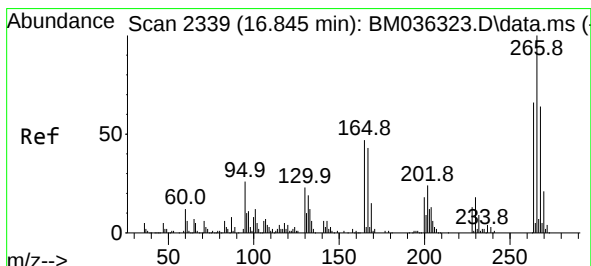
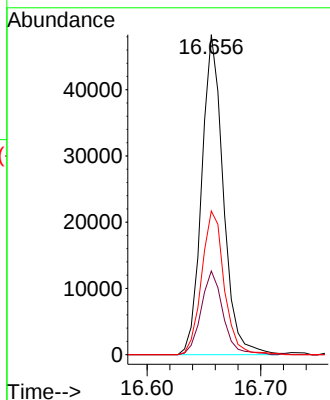
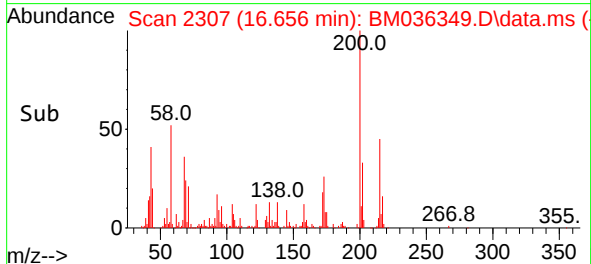
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-MED-SOIL-QT2-2022-03



Tgt Ion:200 Resp: 63764  
Ion Ratio Lower Upper  
200 100  
173 26.1 21.3 31.9  
215 44.9 39.0 58.6

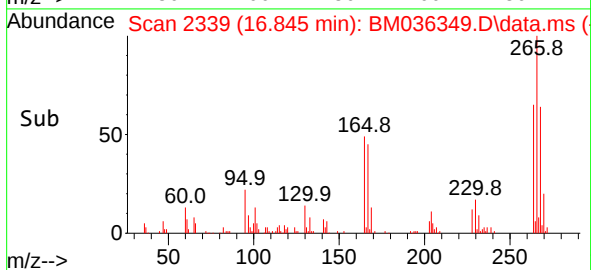
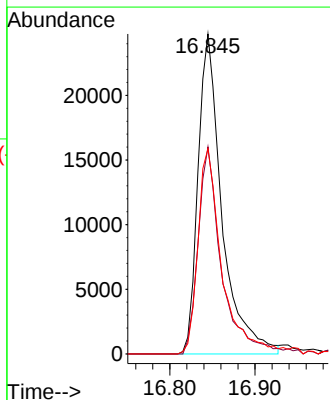
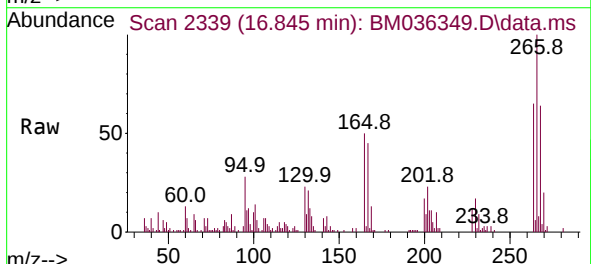
Manual Integrations  
APPROVED

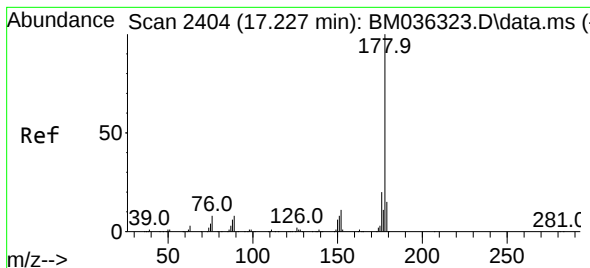
Reviewed By :Jagrut Upadhyay 08/19/2022  
Supervised By :Sohil Jodhani 08/22/2022



#71  
Pentachlorophenol  
Concen: 5.978 ng/ul  
RT: 16.845 min Scan# 2339  
Delta R.T. -0.006 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

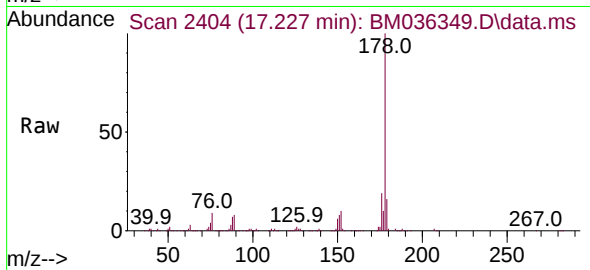
Tgt Ion:266 Resp: 48259  
Ion Ratio Lower Upper  
266 100  
264 64.7 49.5 74.3  
268 64.1 51.0 76.4





#72  
Phenanthrene  
Concen: 4.260 ng/ul  
RT: 17.227 min Scan# 2404  
Delta R.T. -0.006 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

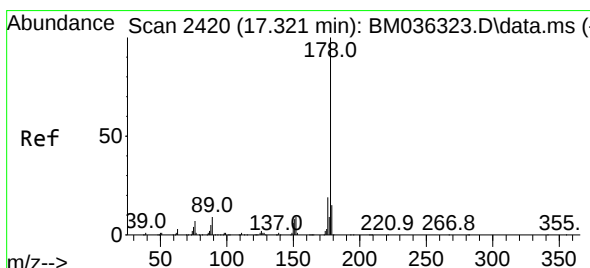
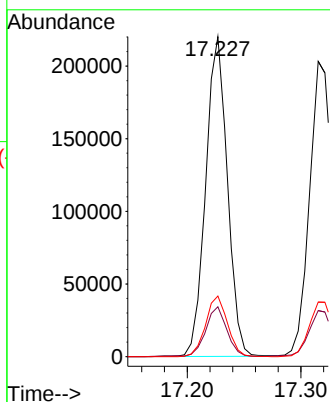
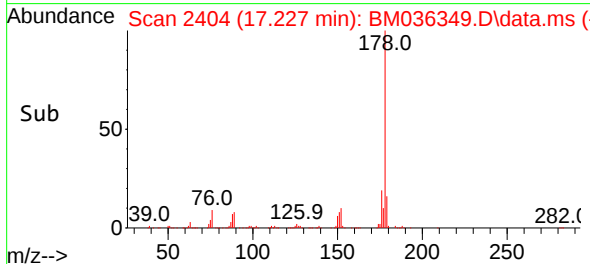
Instrument : BNA\_M  
ClientSampleId :  
MDL-MED-SOIL-QT2-2022-03



Tgt Ion:178 Resp: 292249  
Ion Ratio Lower Upper  
178 100  
179 15.6 12.2 18.2  
176 18.9 14.9 22.3

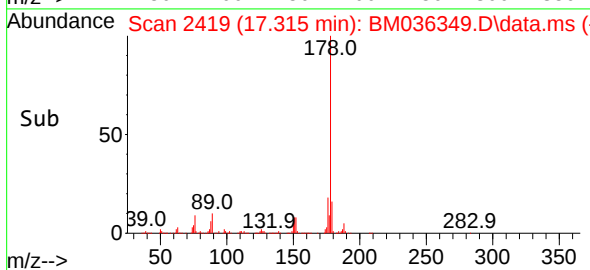
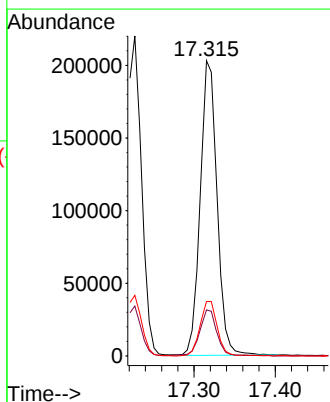
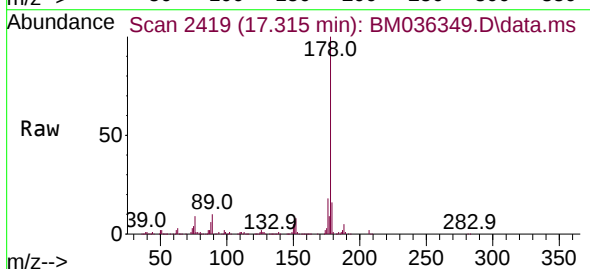
Manual Integrations  
APPROVED

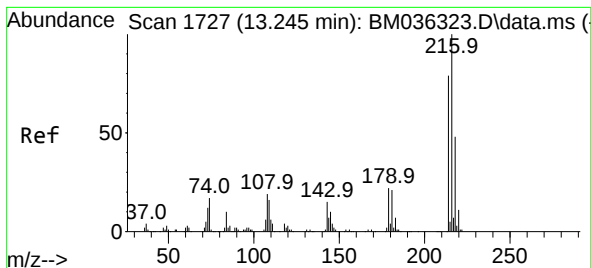
Reviewed By :Jagrut Upadhyay 08/19/2022  
Supervised By :Sohil Jodhani 08/22/2022



#74  
Anthracene  
Concen: 4.251 ng/ul  
RT: 17.315 min Scan# 2419  
Delta R.T. -0.006 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

Tgt Ion:178 Resp: 292368  
Ion Ratio Lower Upper  
178 100  
179 15.6 12.2 18.2  
176 18.4 14.4 21.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 3.995 ng/uL

RT: 13.239 min Scan# 1726

Delta R.T. -0.006 min

Lab File: BM036349.D

Acq: 18 Aug 2022 17:06

Instrument :

BNA\_M

ClientSampleId :

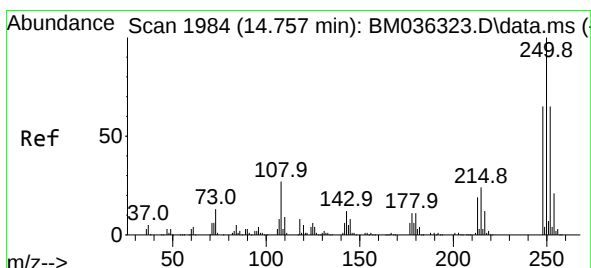
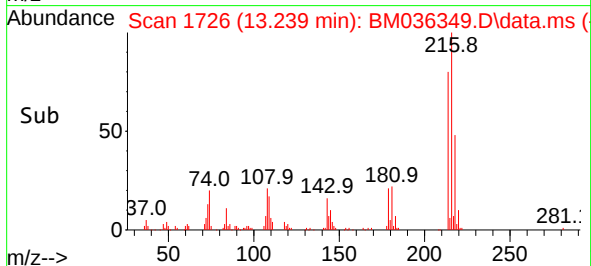
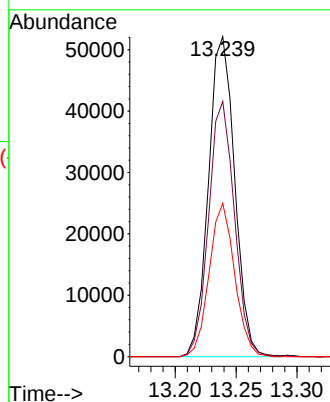
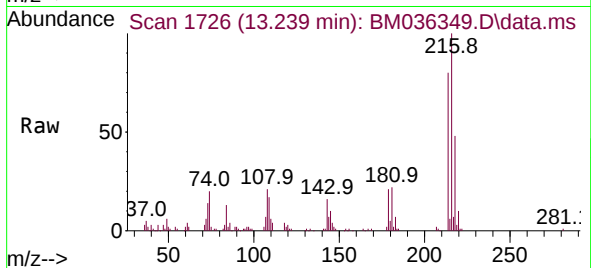
MDL-MED-SOIL-QT2-2022-03

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:216 | Resp: | 78236     |
| Ion Ratio   | Lower | Upper     |
| 216         | 100   |           |
| 214         | 79.7  | 60.9 91.3 |
| 218         | 47.9  | 37.5 56.3 |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/19/2022  
Supervised By :Sohil Jodhani 08/22/2022



#76

Pentachlorobenzene

Concen: 4.550 ng/uL

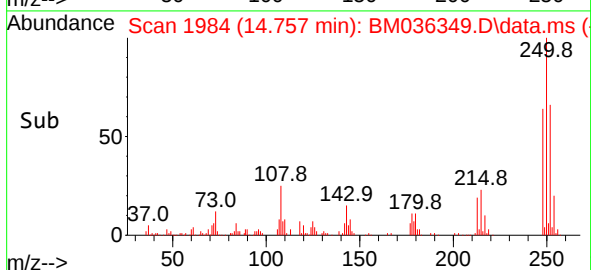
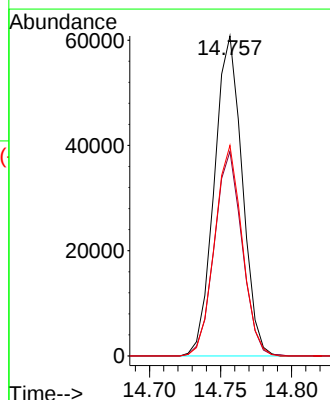
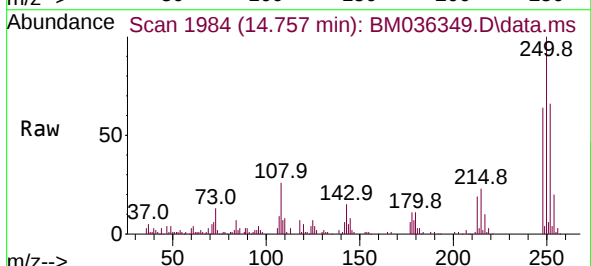
RT: 14.757 min Scan# 1984

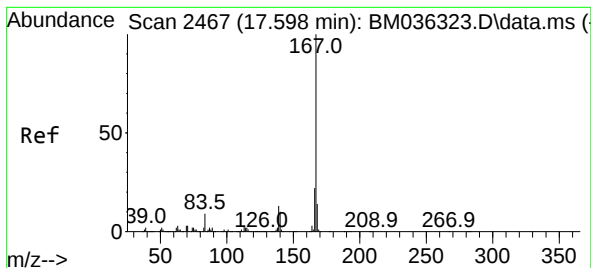
Delta R.T. -0.006 min

Lab File: BM036349.D

Acq: 18 Aug 2022 17:06

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:250 | Resp: | 83194     |
| Ion Ratio   | Lower | Upper     |
| 250         | 100   |           |
| 248         | 63.9  | 50.4 75.6 |
| 252         | 65.8  | 51.1 76.7 |





#77

Carbazole

Concen: 3.878 ng/ul

RT: 17.598 min Scan# 2467

Delta R.T. -0.006 min

Lab File: BM036349.D

Acq: 18 Aug 2022 17:06

Instrument :

BNA\_M

ClientSampleId :

MDL-MED-SOIL-QT2-2022-03

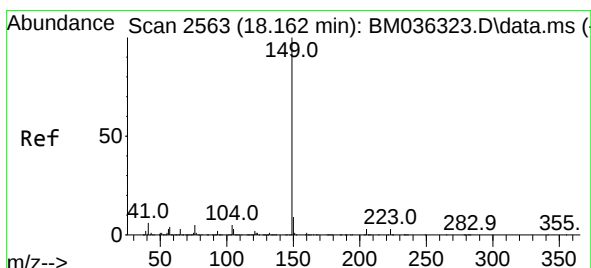
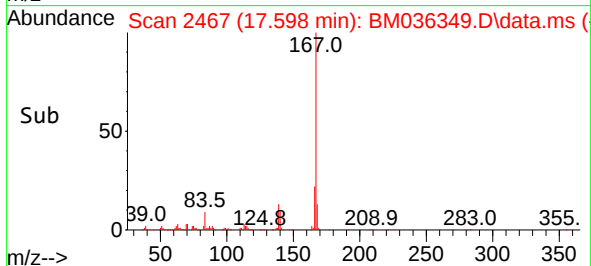
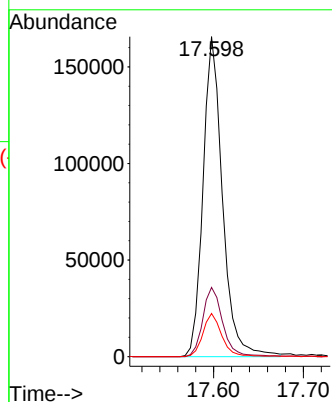
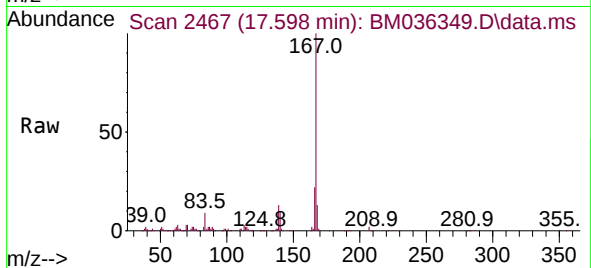
Tgt Ion:167 Resp: 249742

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.6  | 17.4  | 26.0  |
| 139 | 13.5  | 10.1  | 15.1  |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/19/2022  
Supervised By :Sohil Jodhani 08/22/2022



#78

Di-n-butylphthalate

Concen: 3.868 ng/ul

RT: 18.156 min Scan# 2562

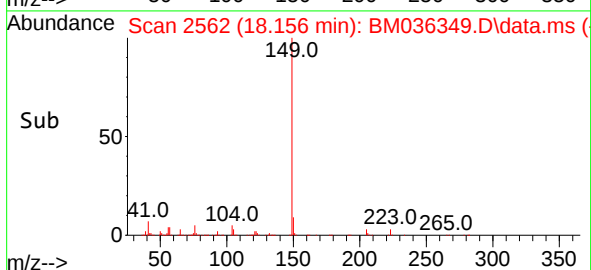
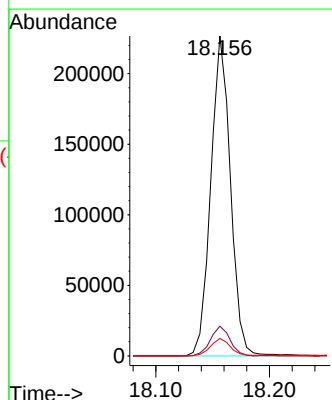
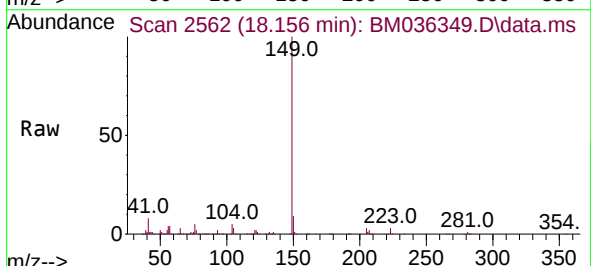
Delta R.T. -0.006 min

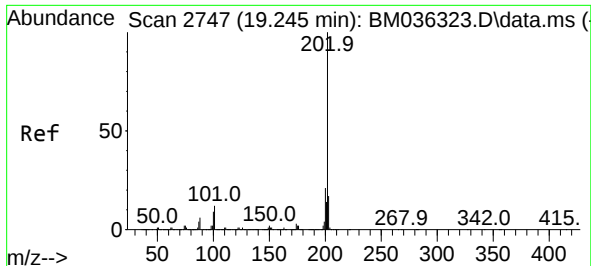
Lab File: BM036349.D

Acq: 18 Aug 2022 17:06

Tgt Ion:149 Resp: 272440

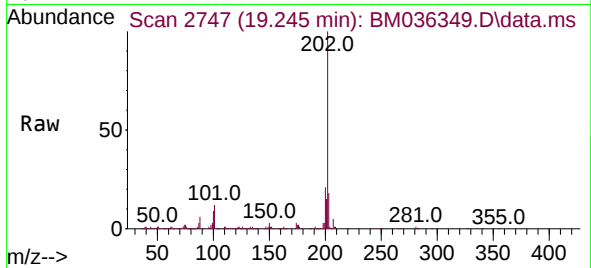
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.3   | 7.3   | 10.9  |
| 104 | 5.5   | 3.7   | 5.5   |





#80  
Fluoranthene  
Concen: 3.977 ng/ul  
RT: 19.245 min Scan# 2747  
Delta R.T. -0.006 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

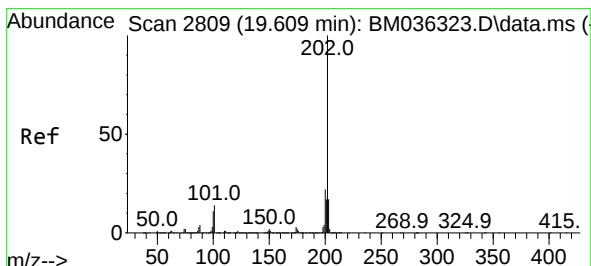
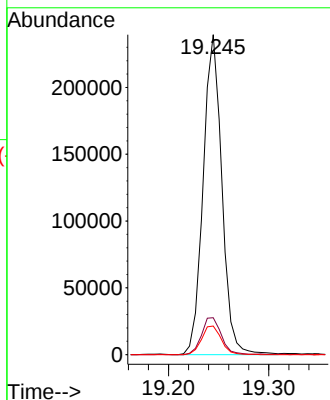
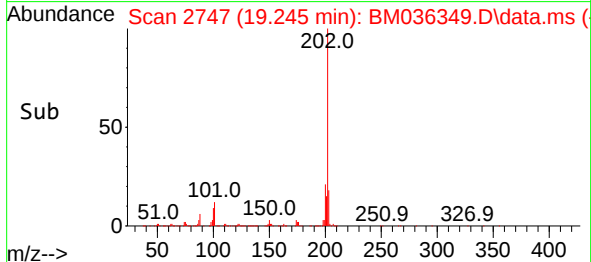
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-MED-SOIL-QT2-2022-03



Tgt Ion:202 Resp: 309876  
Ion Ratio Lower Upper  
202 100  
101 11.5 10.1 15.1  
100 8.9 7.8 11.6

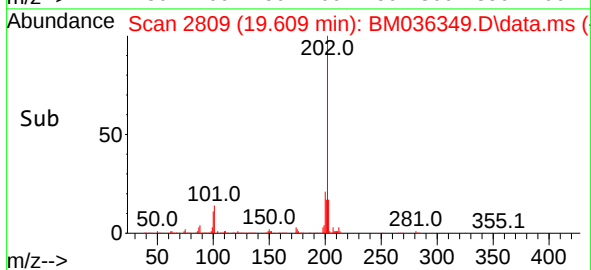
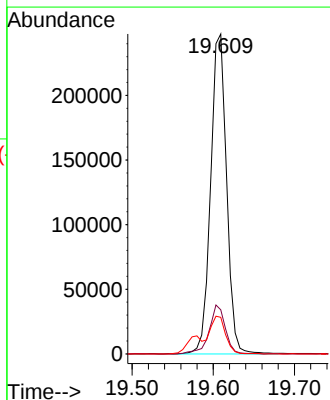
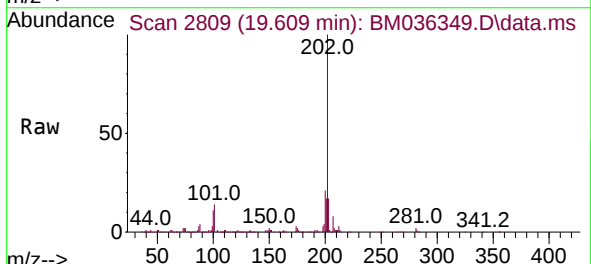
Manual Integrations  
APPROVED

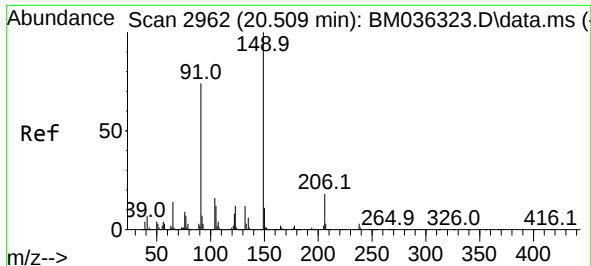
Reviewed By :Jagrut Upadhyay 08/19/2022  
Supervised By :Sohil Jodhani 08/22/2022



#82  
Pyrene  
Concen: 4.160 ng/ul  
RT: 19.609 min Scan# 2809  
Delta R.T. -0.000 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

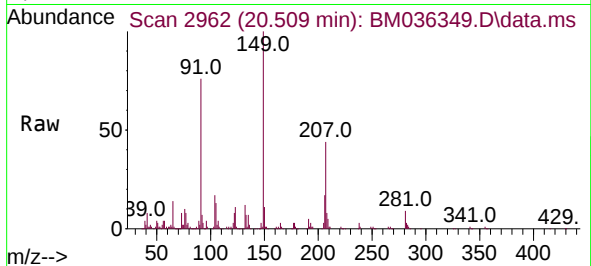
Tgt Ion:202 Resp: 338265  
Ion Ratio Lower Upper  
202 100  
101 13.8 11.9 17.9  
100 11.4 10.2 15.4





#83  
Butylbenzylphthalate  
Concen: 3.756 ng/ul  
RT: 20.509 min Scan# 2962  
Delta R.T. -0.006 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

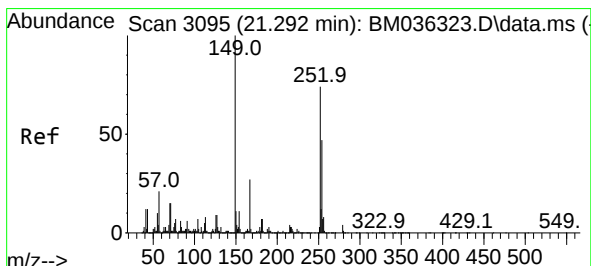
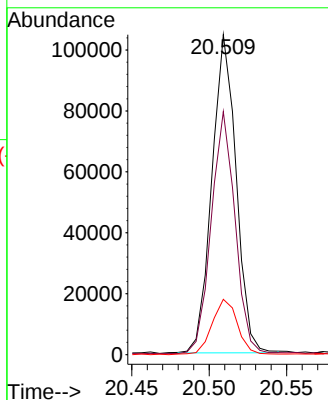
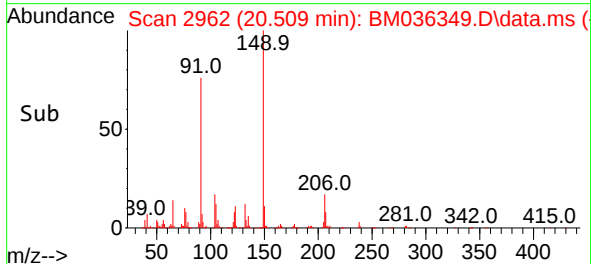
Instrument : BNA\_M  
ClientSampleId : MDL-MED-SOIL-QT2-2022-03



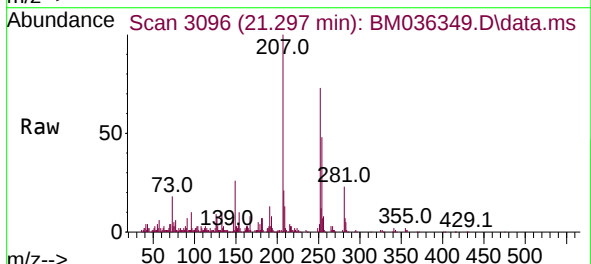
Tgt Ion:149 Resp: 114239  
Ion Ratio Lower Upper  
149 100  
91 75.9 53.2 79.8  
206 17.3 16.0 24.0

Manual Integrations  
APPROVED

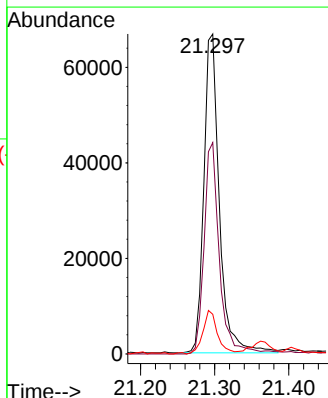
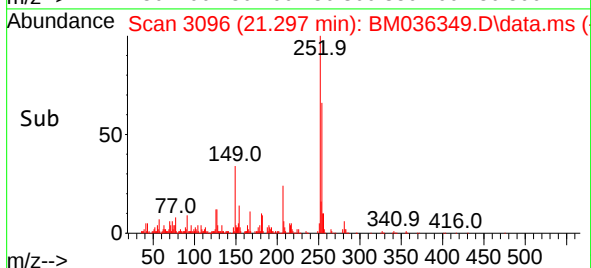
Reviewed By :Jagrut Upadhyay 08/19/2022  
Supervised By :Sohil Jodhani 08/22/2022

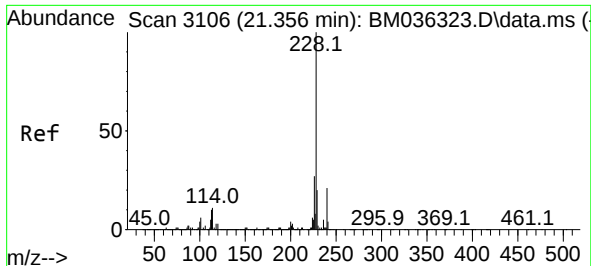


#84  
3,3'-Dichlorobenzidine  
Concen: 3.791 ng/ul  
RT: 21.297 min Scan# 3096  
Delta R.T. -0.000 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06



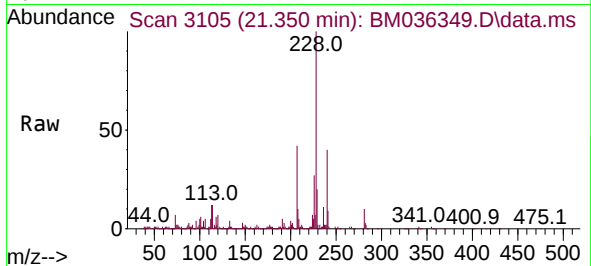
Tgt Ion:252 Resp: 97032  
Ion Ratio Lower Upper  
252 100  
254 66.0 52.4 78.6  
126 12.4 10.8 16.2





#85  
Benzo(a)anthracene  
Concen: 4.175 ng/ul  
RT: 21.350 min Scan# 3106  
Delta R.T. -0.006 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

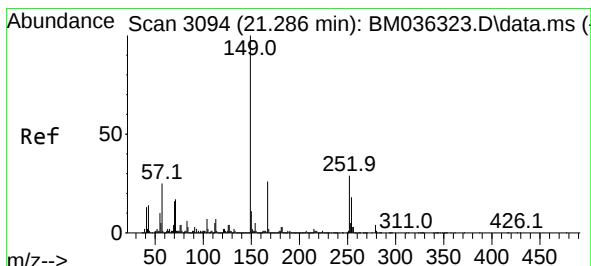
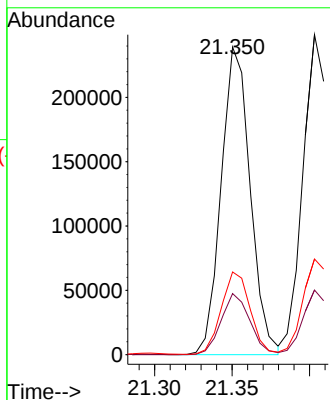
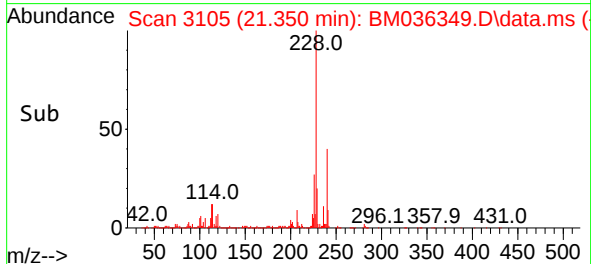
Instrument : BNA\_M  
ClientSampleId :  
MDL-MED-SOIL-QT2-2022-03



Tgt Ion:228 Resp: 311842  
Ion Ratio Lower Upper  
228 100  
229 19.8 15.6 23.4  
226 26.9 21.7 32.5

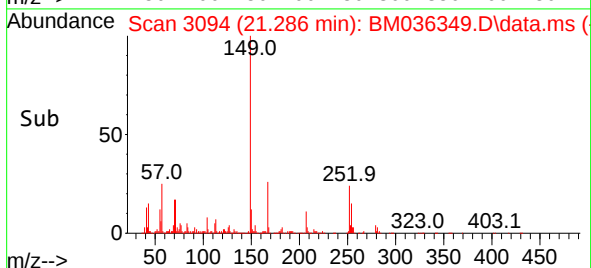
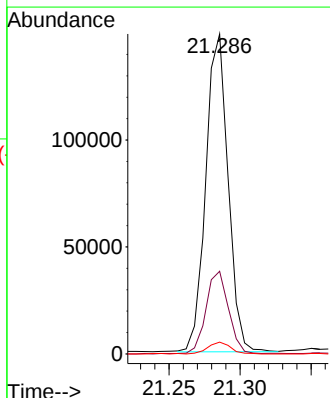
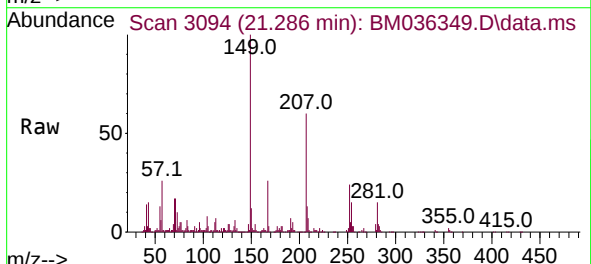
Manual Integrations  
APPROVED

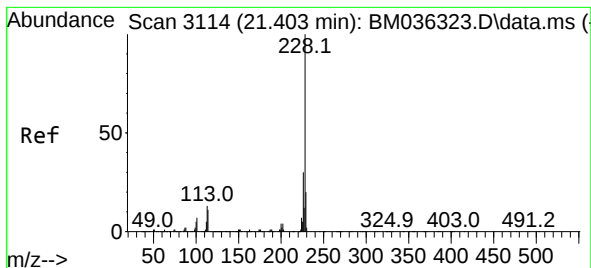
Reviewed By :Jagrut Upadhyay 08/19/2022  
Supervised By :Sohil Jodhani 08/22/2022



#86  
Bis(2-ethylhexyl)phthalate  
Concen: 3.865 ng/ul  
RT: 21.286 min Scan# 3094  
Delta R.T. -0.006 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

Tgt Ion:149 Resp: 162335  
Ion Ratio Lower Upper  
149 100  
167 25.8 21.5 32.3  
279 3.7 3.4 5.2





#87

Chrysene

Concen: 4.157 ng/ul

RT: 21.403 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM036349.D

Acq: 18 Aug 2022 17:06

Instrument :

BNA\_M

ClientSampleId :

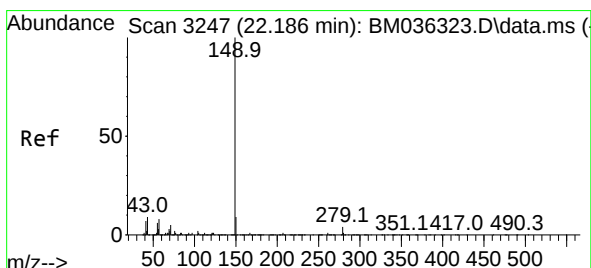
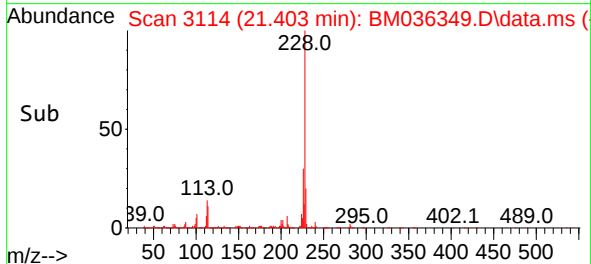
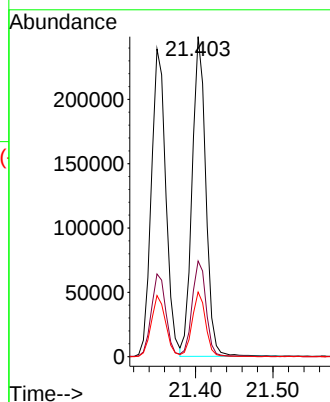
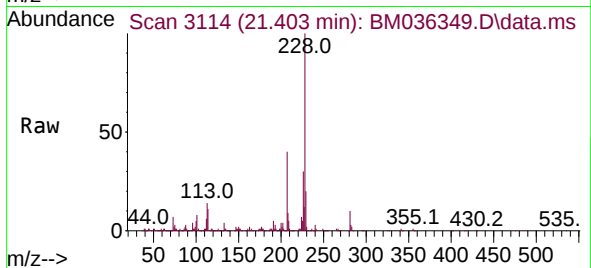
MDL-MED-SOIL-QT2-2022-03

Tgt Ion:228 Resp: 305094  
 Ion Ratio Lower Upper  
 228 100  
 226 29.9 23.7 35.5  
 229 20.2 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/19/2022  
 Supervised By :Sohil Jodhani 08/22/2022



#89

Di-n-octyl phthalate

Concen: 3.674 ng/ul

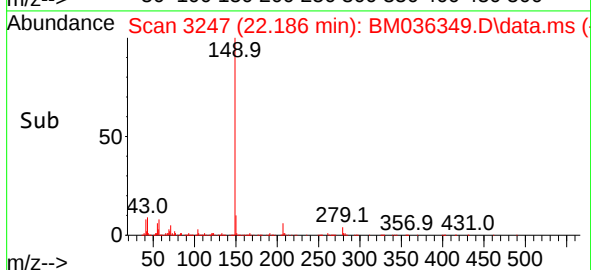
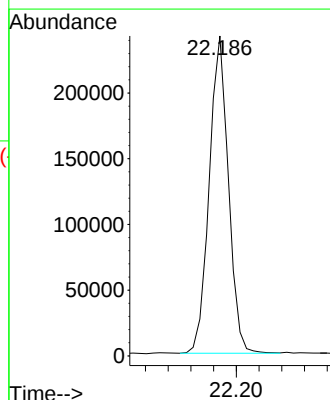
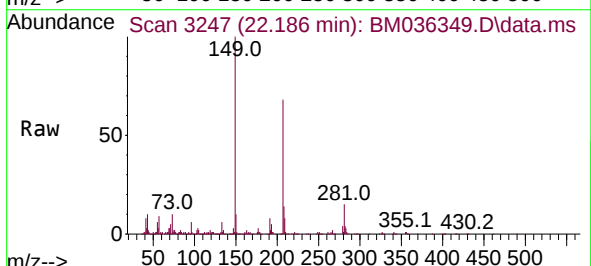
RT: 22.186 min Scan# 3247

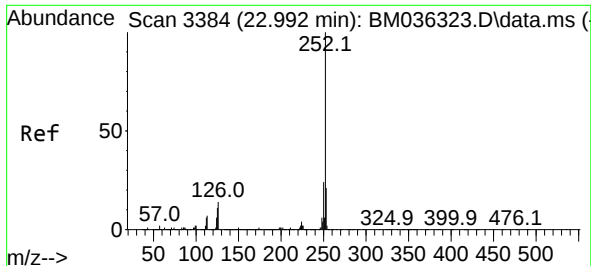
Delta R.T. -0.006 min

Lab File: BM036349.D

Acq: 18 Aug 2022 17:06

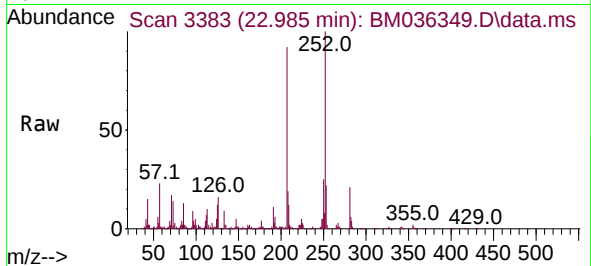
Tgt Ion:149 Resp: 282966





#90  
Benzo(b)fluoranthene  
Concen: 4.049 ng/ul  
RT: 22.985 min Scan# 3384  
Delta R.T. -0.012 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

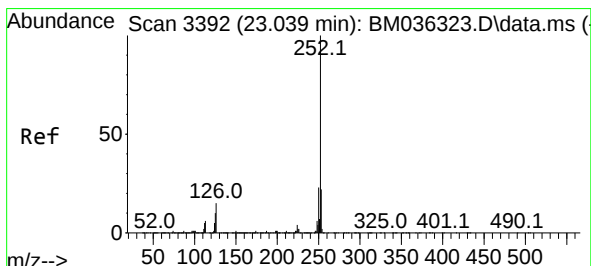
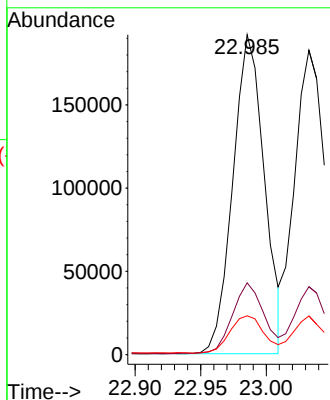
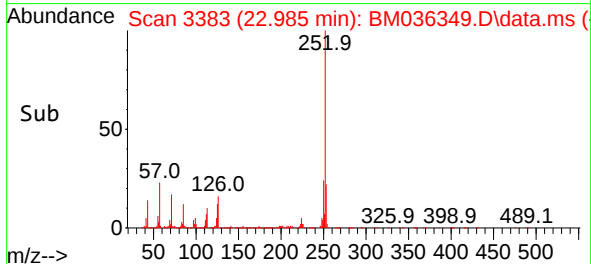
Instrument : BNA\_M  
ClientSampleId : MDL-MED-SOIL-QT2-2022-03



Tgt Ion:252 Resp: 319840  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.5 26.3  
125 12.1 10.7 16.1

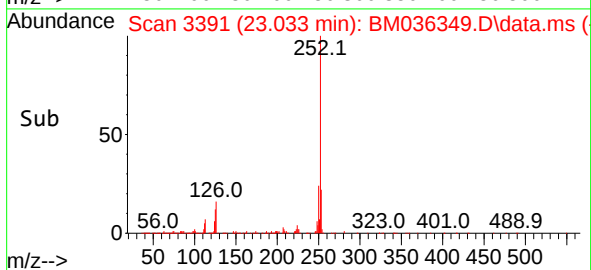
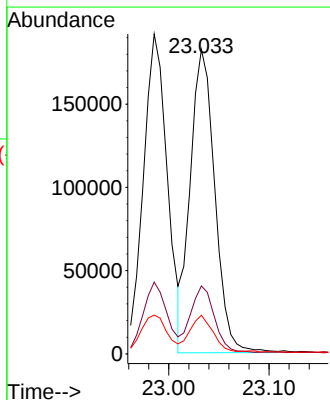
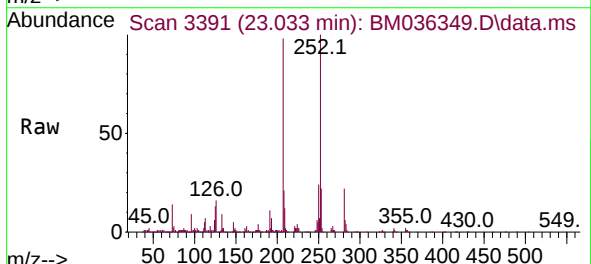
Manual Integrations  
APPROVED

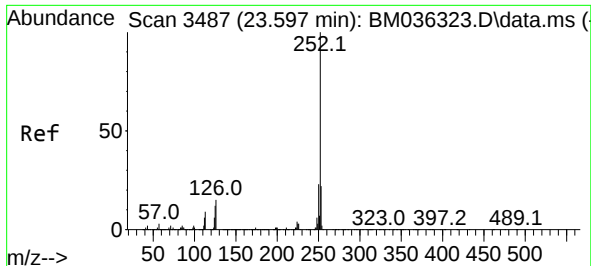
Reviewed By :Jagrut Upadhyay 08/19/2022  
Supervised By :Sohil Jodhani 08/22/2022



#91  
Benzo(k)fluoranthene  
Concen: 4.132 ng/ul  
RT: 23.033 min Scan# 3391  
Delta R.T. -0.006 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

Tgt Ion:252 Resp: 310517  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.4 26.0  
125 12.7 10.6 15.8





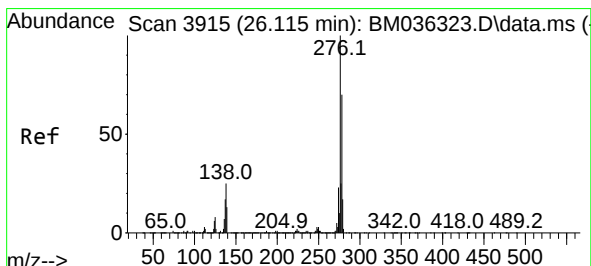
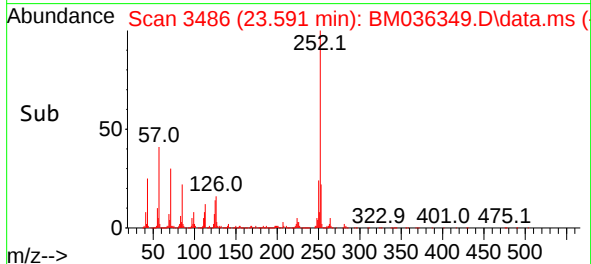
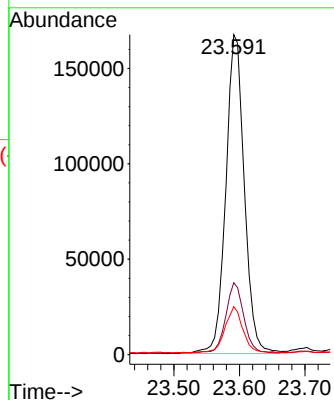
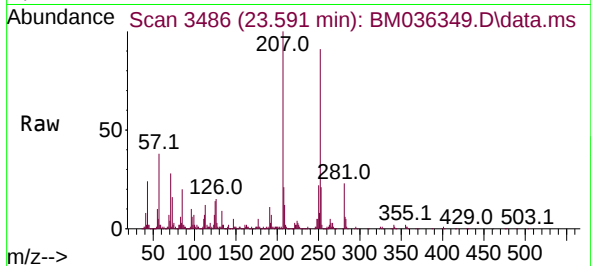
#93  
Benzo(a)pyrene  
Concen: 4.230 ng/ul  
RT: 23.591 min Scan# 3486  
Delta R.T. -0.012 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

Instrument : BNA\_M  
ClientSampleId :  
MDL-MED-SOIL-QT2-2022-03

Tgt Ion:252 Resp: 328689  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.3 25.9  
125 15.0 11.8 17.8

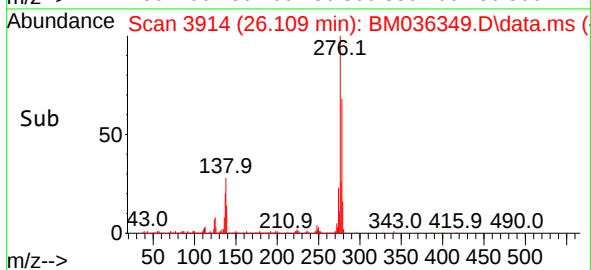
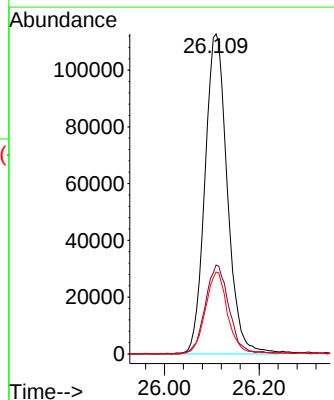
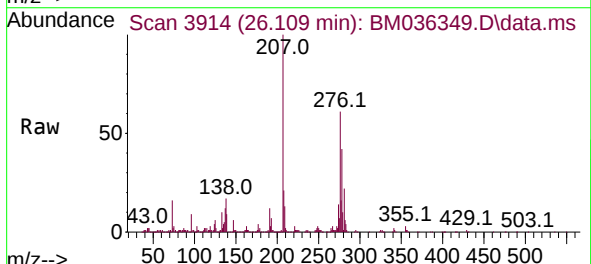
Manual Integrations  
APPROVED

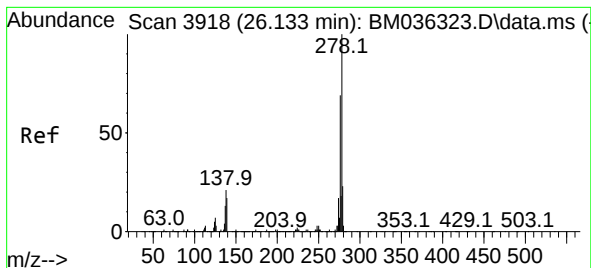
Reviewed By :Jagrut Upadhyay 08/19/2022  
Supervised By :Sohil Jodhani 08/22/2022



#94  
Indeno(1,2,3-cd)pyrene  
Concen: 4.055 ng/ul  
RT: 26.109 min Scan# 3914  
Delta R.T. -0.006 min  
Lab File: BM036349.D  
Acq: 18 Aug 2022 17:06

Tgt Ion:276 Resp: 370475  
Ion Ratio Lower Upper  
276 100  
138 27.8 25.6 38.4  
277 25.6 20.1 30.1





#95

Dibenzo(a,h)anthracene

Concen: 4.019 ng/ul

RT: 26.126 min Scan# 3918

Delta R.T. -0.006 min

Lab File: BM036349.D

Acq: 18 Aug 2022 17:06

Instrument :

BNA\_M

ClientSampleId :

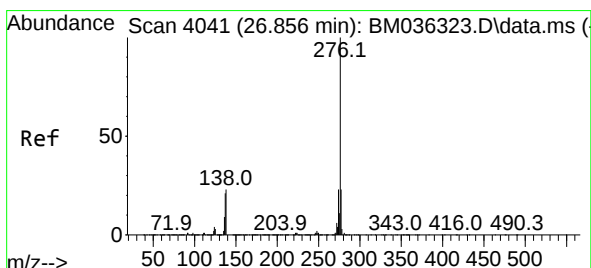
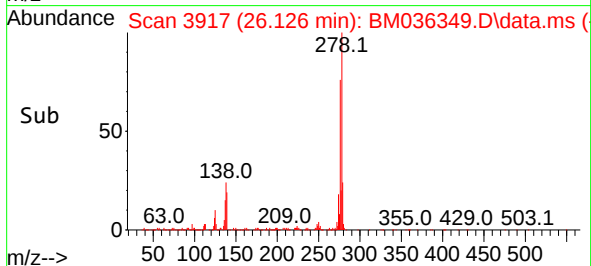
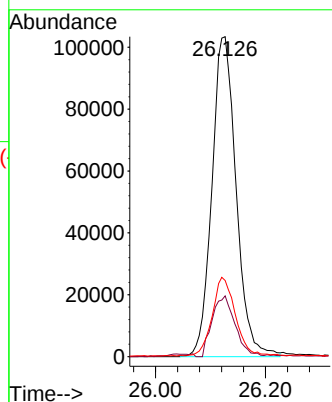
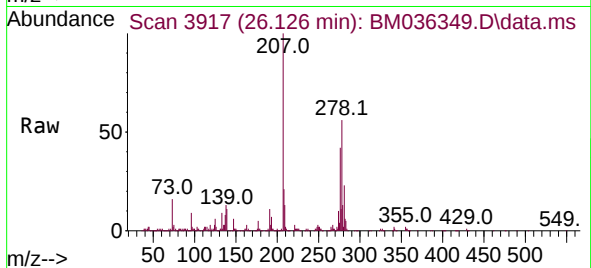
MDL-MED-SOIL-QT2-2022-03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 278   | Resp: | 316326 |
| Ion Ratio | Lower | Upper |        |
| 278       | 100   |       |        |
| 139       | 19.0  | 16.2  | 24.2   |
| 279       | 23.8  | 18.7  | 28.1   |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/19/2022  
Supervised By :Sohil Jodhani 08/22/2022



#96

Benzo(g,h,i)perylene

Concen: 4.027 ng/ul

RT: 26.850 min Scan# 4040

Delta R.T. -0.012 min

Lab File: BM036349.D

Acq: 18 Aug 2022 17:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 314608 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 23.3  | 21.3  | 31.9   |
| 277       | 23.5  | 18.6  | 28.0   |

