

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG013123\  
 Data File : BG056488.D  
 Acq On : 31 Jan 2023 16:52  
 Operator : CG/JU  
 Sample : N4955-01  
 Misc : LOD-MDL-SOIL 8ppm  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT4-2022

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 02/01/2023  
 Supervised By : Jagrut Upadhyay 02/01/2023

Quant Time: Feb 01 01:23:51 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG012723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 01 01:15:52 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.276  | 152  | 35183    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.107 | 136  | 135697   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.897 | 164  | 110448   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.635 | 188  | 285675   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.924 | 240  | 264862   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 25.344 | 264  | 288198   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.796  | 112  | 211435   | 110.551 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.424  | 99   | 306594   | 108.193 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.456  | 82   | 180532   | 75.547  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.378 | 330  | 170478   | 116.103 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.522 | 172  | 613120   | 76.963  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.209 | 244  | 1148289  | 76.146  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.599  | 88   | 7666     | 9.626   | ng    | # 94     |
| 3) Pyridine                   | 4.028  | 79   | 21867    | 9.211   | ng    | # 91     |
| 4) n-Nitrosodimethylamine     | 3.934  | 42   | 4670     | 9.250   | ng    | # 82     |
| 6) Aniline                    | 7.588  | 93   | 34420    | 9.277   | ng    | 95       |
| 8) 2-Chlorophenol             | 7.835  | 128  | 20017    | 9.527   | ng    | 98       |
| 9) Benzaldehyde               | 7.406  | 77   | 17054    | 10.442  | ng    | 95       |
| 10) Phenol                    | 7.447  | 94   | 27295    | 9.477   | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.682  | 93   | 19112    | 9.654   | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 8.164  | 146  | 25123    | 10.385  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 8.317  | 146  | 25552    | 10.430  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.634  | 146  | 24803    | 10.435  | ng    | 97       |
| 15) Benzyl Alcohol            | 8.511  | 79   | 18250    | 9.387   | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.787  | 45   | 3995     | 9.524   | ng    | 88       |
| 17) 2-Methylphenol            | 8.716  | 107  | 18765    | 8.564   | ng    | 93       |
| 18) Hexachloroethane          | 9.374  | 117  | 8025     | 10.830  | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 9.075  | 70   | 15767    | 9.655   | ng    | 94       |
| 20) 3+4-Methylphenols         | 9.045  | 107  | 26256    | 8.550   | ng    | 98       |
| 22) Acetophenone              | 9.104  | 105  | 35829    | 9.937   | ng    | # 99     |
| 24) Nitrobenzene              | 9.498  | 77   | 23449    | 10.173  | ng    | 93       |
| 25) Isophorone                | 10.015 | 82   | 47357    | 9.606   | ng    | 98       |
| 26) 2-Nitrophenol             | 10.214 | 139  | 13555    | 9.692   | ng    | # 89     |
| 27) 2,4-Dimethylphenol        | 10.256 | 122  | 19480m   | 8.323   | ng    |          |
| 28) bis(2-Chloroethoxy)met... | 10.491 | 93   | 26854    | 9.860   | ng    | # 93     |
| 29) 2,4-Dichlorophenol        | 10.755 | 162  | 24991    | 9.486   | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 10.966 | 180  | 29933    | 10.224  | ng    | 93       |
| 31) Naphthalene               | 11.160 | 128  | 70469    | 9.839   | ng    | 97       |
| 32) Benzoic acid              | 10.373 | 122  | 17225m   | 13.154  | ng    |          |
| 33) 4-Chloroaniline           | 11.266 | 127  | 31836    | 9.523   | ng    | 97       |
| 34) Hexachlorobutadiene       | 11.437 | 225  | 22218    | 10.812  | ng    | 89       |
| 35) Caprolactam               | 12.012 | 113  | 7945     | 8.942   | ng    | 92       |
| 36) 4-Chloro-3-methylphenol   | 12.365 | 107  | 25105    | 9.867   | ng    | 90       |
| 37) 2-Methylnaphthalene       | 12.747 | 142  | 55423    | 9.386   | ng    | 96       |
| 38) 1-Methylnaphthalene       | 12.964 | 142  | 52116    | 9.451   | ng    | 95       |
| 40) 1,2,4,5-Tetrachloroben... | 13.105 | 216  | 41549    | 10.297  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 13.082 | 237  | 14091    | 12.434  | ng    | 92       |
| 43) 2,4,6-Trichlorophenol     | 13.340 | 196  | 25451    | 9.788   | ng    | 96       |

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 Sample : N4955-01  
 Misc : LOD-MDL-SOIL 8ppm  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT4-2022

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 02/01/2023  
 Supervised By : Jagrut Upadhyay 02/01/2023

Quant Time: Feb 01 01:23:51 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG012723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 01 01:15:52 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.422 | 196  | 27250    | 8.951  | ng    | 96       |
| 46) 1,1'-Biphenyl             | 13.734 | 154  | 82833    | 10.340 | ng    | 97       |
| 47) 2-Chloronaphthalene       | 13.787 | 162  | 64130    | 10.242 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.981 | 65   | 11766    | 9.090  | ng    | 93       |
| 49) Acenaphthylene            | 14.621 | 152  | 100525   | 9.867  | ng    | 99       |
| 50) Dimethylphthalate         | 14.333 | 163  | 87218    | 9.761  | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 14.462 | 165  | 18502    | 9.495  | ng    | 95       |
| 52) Acenaphthene              | 14.962 | 154  | 58860    | 9.743  | ng    | 99       |
| 53) 3-Nitroaniline            | 14.791 | 138  | 17358    | 9.188  | ng    | 93       |
| 54) 2,4-Dinitrophenol         | 15.009 | 184  | 8087     | 6.620  | ng    | 93       |
| 55) Dibenzofuran              | 15.291 | 168  | 107563   | 9.928  | ng    | 99       |
| 56) 4-Nitrophenol             | 15.103 | 139  | 11833    | 9.167  | ng    | 93       |
| 57) 2,4-Dinitrotoluene        | 15.250 | 165  | 27049    | 9.855  | ng    | 99       |
| 58) Fluorene                  | 15.937 | 166  | 85316    | 9.896  | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.514 | 232  | 26056m   | 9.626  | ng    |          |
| 60) Diethylphthalate          | 15.679 | 149  | 84268    | 10.043 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.919 | 204  | 51825    | 9.851  | ng    | 98       |
| 62) 4-Nitroaniline            | 15.949 | 138  | 18258    | 9.659  | ng    | 97       |
| 63) Azobenzene                | 16.213 | 77   | 57678    | 9.990  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 16.014 | 198  | 16375    | 8.153  | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 16.131 | 169  | 78730    | 9.734  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.813 | 248  | 35600    | 9.734  | ng    | 97       |
| 68) Hexachlorobenzene         | 16.942 | 284  | 37486    | 10.465 | ng    | 99       |
| 69) Atrazine                  | 17.065 | 200  | 34870    | 11.175 | ng    | 97       |
| 70) Pentachlorophenol         | 17.288 | 266  | 15922m   | 7.346  | ng    |          |
| 71) Phenanthrene              | 17.676 | 178  | 147439   | 9.861  | ng    | 98       |
| 72) Anthracene                | 17.764 | 178  | 151831   | 9.892  | ng    | 100      |
| 73) Carbazole                 | 18.035 | 167  | 130101   | 9.953  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.558 | 149  | 132280   | 9.637  | ng    | 99       |
| 75) Fluoranthene              | 19.668 | 202  | 183782   | 9.739  | ng    | 99       |
| 77) Benzidine                 | 19.838 | 184  | 98632    | 13.761 | ng    | 98       |
| 78) Pyrene                    | 20.032 | 202  | 189373   | 10.053 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.884 | 149  | 53701    | 9.334  | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.901 | 228  | 183925   | 9.933  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.807 | 252  | 73945    | 11.089 | ng    | 100      |
| 83) Chrysene                  | 21.971 | 228  | 166319   | 9.561  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.760 | 149  | 77899    | 9.444  | ng    | 98       |
| 85) Di-n-octyl phthalate      | 23.035 | 149  | 129914   | 9.458  | ng    | # 99     |
| 87) Indeno(1,2,3-cd)pyrene    | 29.269 | 276  | 203026   | 9.624  | ng    | # 93     |
| 88) Benzo(b)fluoranthene      | 24.251 | 252  | 191988m  | 10.733 | ng    |          |
| 89) Benzo(k)fluoranthene      | 24.321 | 252  | 181395   | 10.044 | ng    | 98       |
| 90) Benzo(a)pyrene            | 25.179 | 252  | 163779   | 9.295  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 29.339 | 278  | 178894   | 10.102 | ng    | # 98     |
| 92) Benzo(g,h,i)perylene      | 30.520 | 276  | 172585   | 10.101 | ng    | 97       |

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

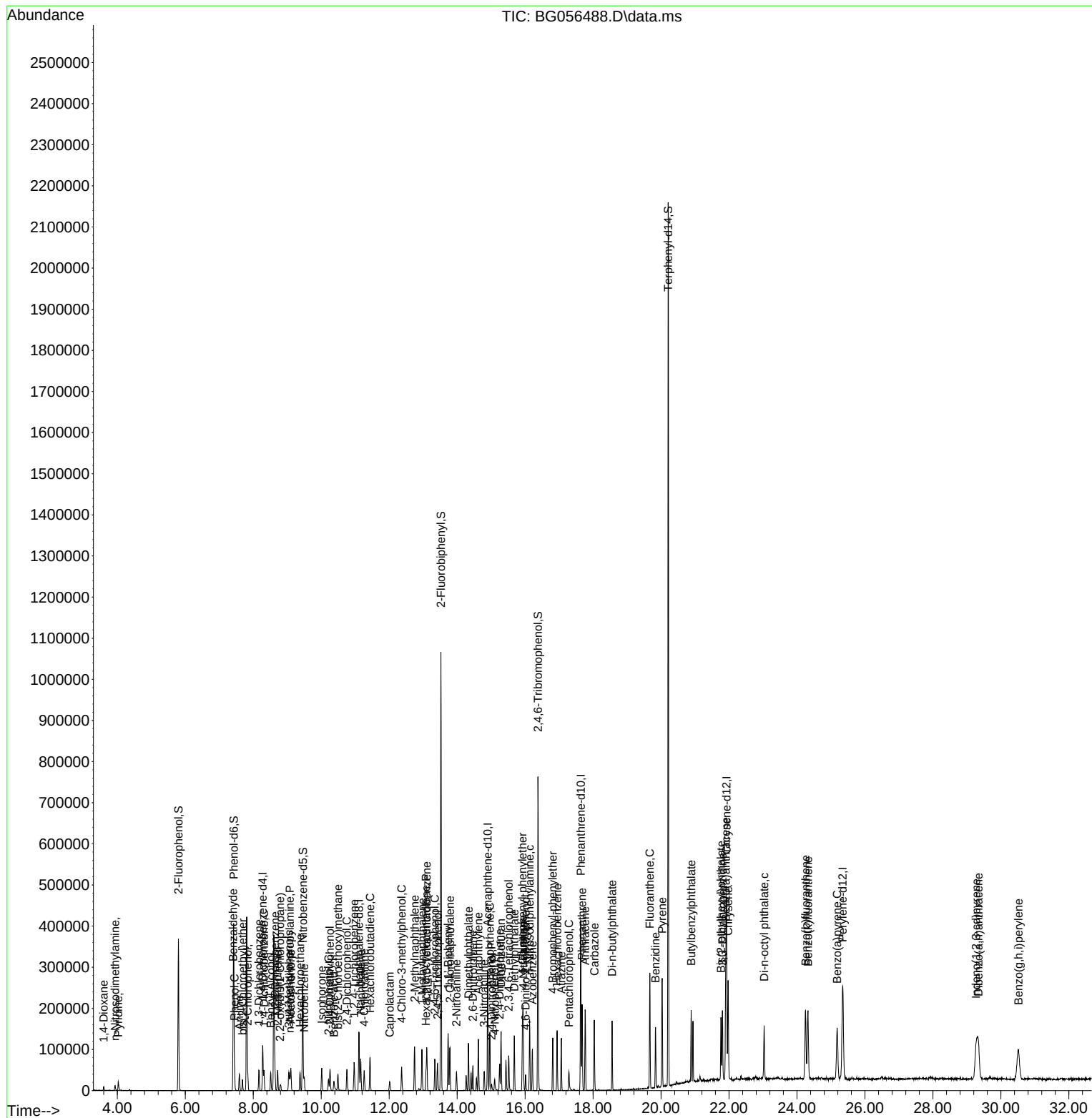
Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG013123\  
 Data File : BG056488.D  
 Acq On : 31 Jan 2023 16:52  
 Operator : CG/JU  
 Sample : N4955-01  
 Misc : LOD-MDL-SOIL 8ppm  
 ALS Vial : 11 Sample Multiplier: 1

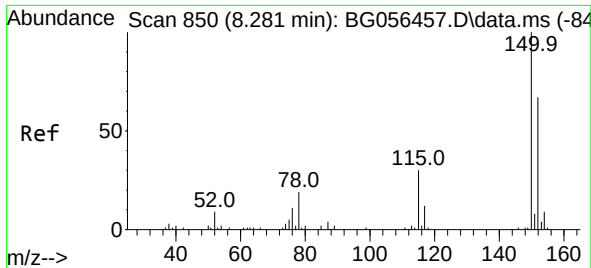
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT4-2022

Quant Time: Feb 01 01:23:51 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG012723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 01 01:15:52 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

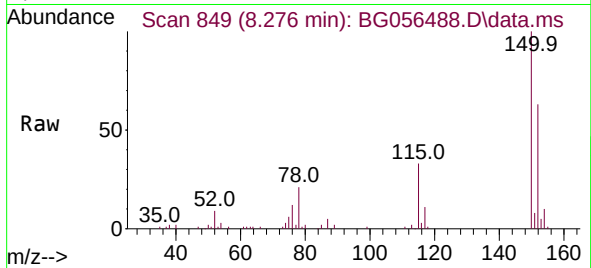
Reviewed By : Christian Giraldo 02/01/2023  
 Supervised By : Jagrut Upadhyay 02/01/2023





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.276 min Scan# 84  
Delta R.T. 0.001 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

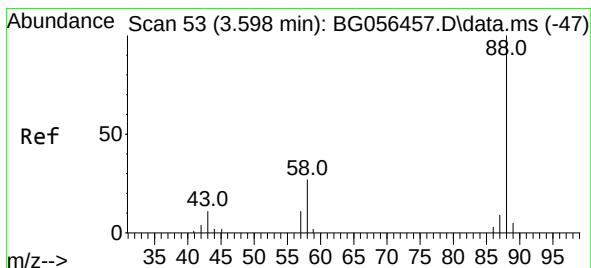
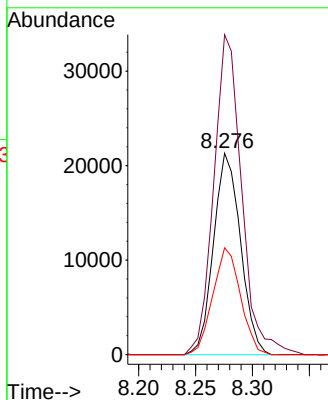
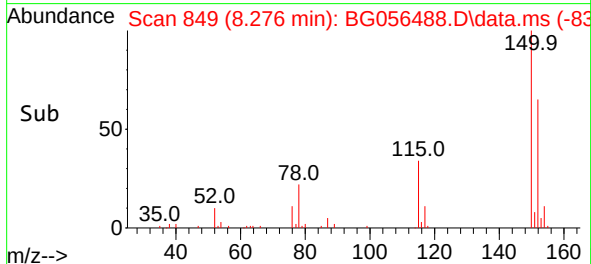
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2022



Tgt Ion:152 Resp: 35183  
Ion Ratio Lower Upper  
152 100  
150 158.9 120.2 180.4  
115 53.0 36.3 54.5

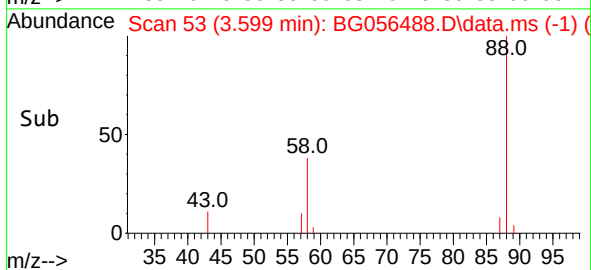
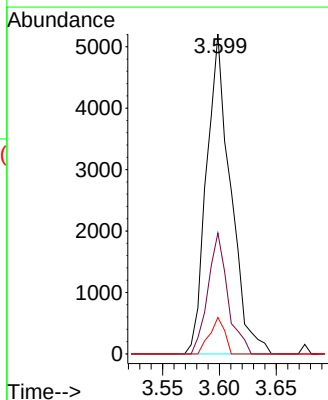
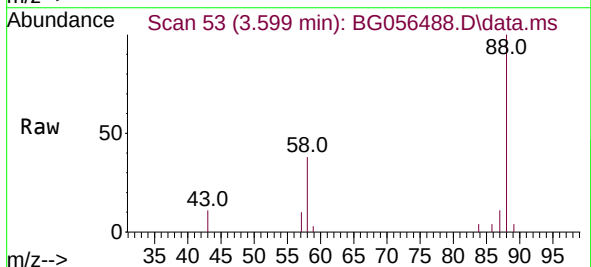
Manual Integrations  
APPROVED

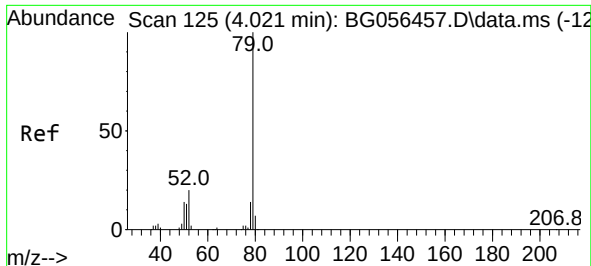
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



#2  
1,4-Dioxane  
Concen: 9.626 ng  
RT: 3.599 min Scan# 53  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

Tgt Ion: 88 Resp: 7666  
Ion Ratio Lower Upper  
88 100  
58 31.2 23.0 34.4  
43 7.0 8.0 12.0#





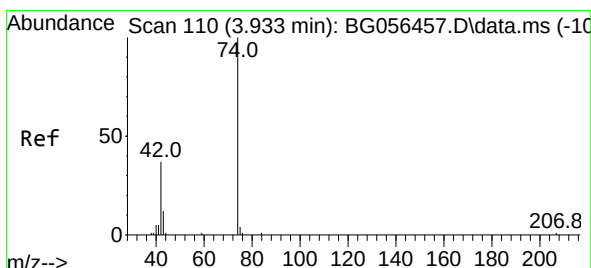
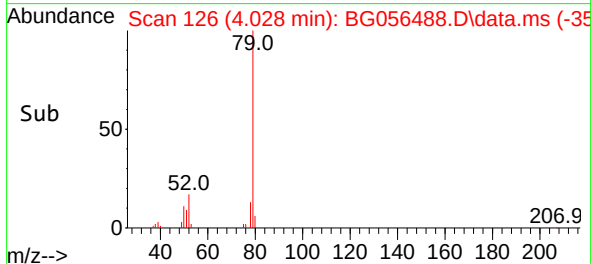
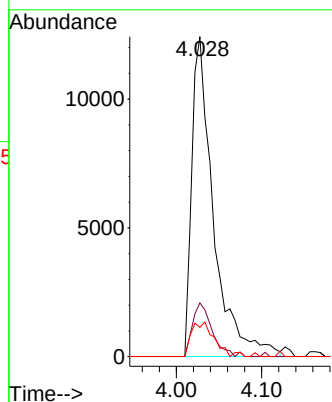
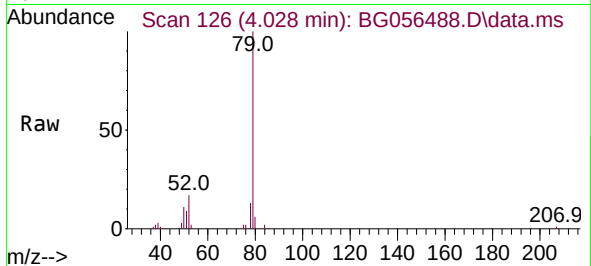
#3  
Pyridine  
Concen: 9.211 ng  
RT: 4.028 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2022

Tgt Ion: 79 Resp: 2186  
Ion Ratio Lower Upper  
79 100  
52 16.8 16.1 24.1  
51 9.1 10.7 16.1

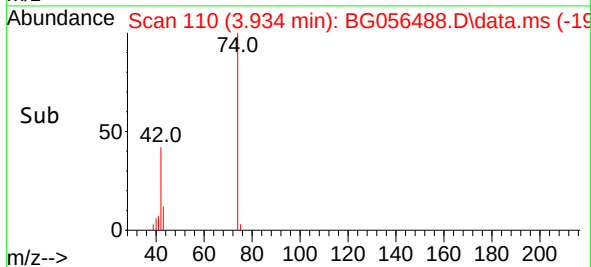
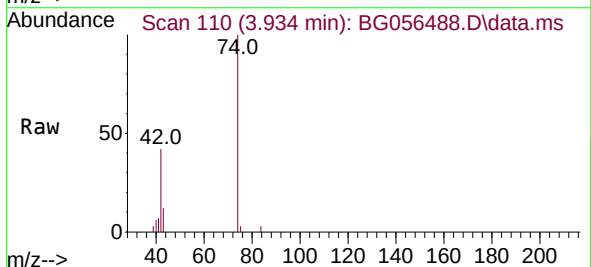
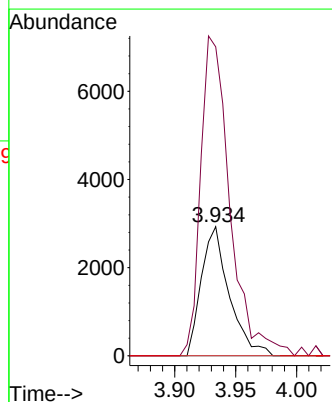
Manual Integrations  
APPROVED

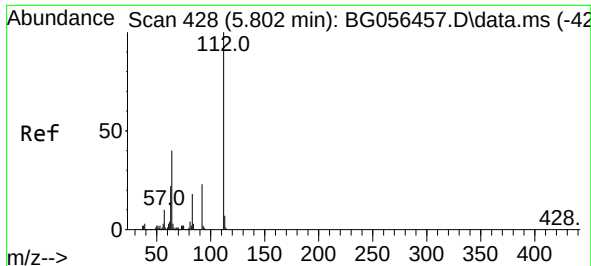
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



#4  
n-Nitrosodimethylamine  
Concen: 9.250 ng  
RT: 3.934 min Scan# 110  
Delta R.T. 0.006 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

Tgt Ion: 42 Resp: 4670  
Ion Ratio Lower Upper  
42 100  
74 239.1 217.9 326.9  
44 0.0 3.0 4.6





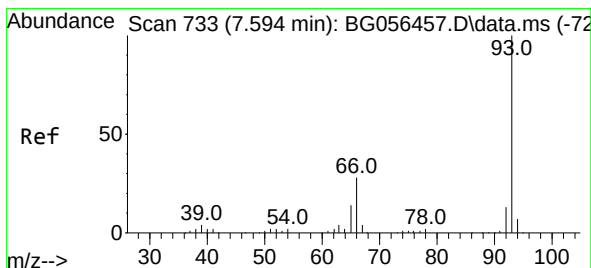
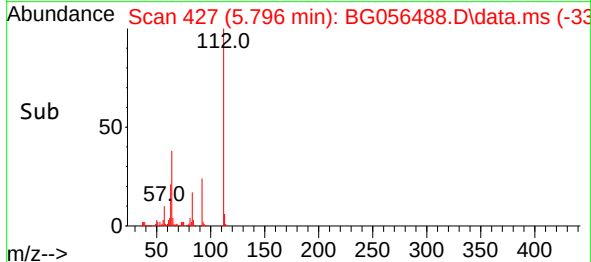
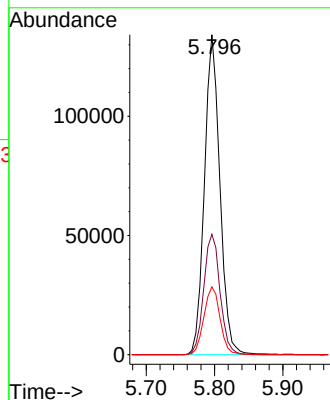
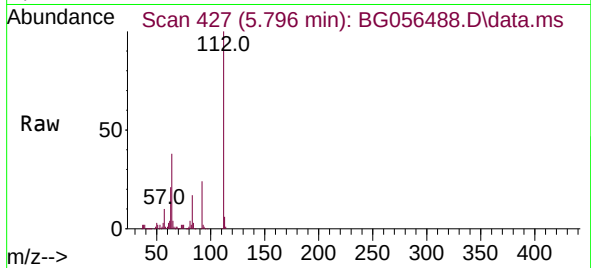
#5  
2-Fluorophenol  
Concen: 110.551 ng  
RT: 5.796 min Scan# 428  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2022

Tgt Ion: 112 Resp: 211435  
Ion Ratio Lower Upper  
112 100  
64 37.6 31.9 47.9  
63 21.2 17.4 26.0

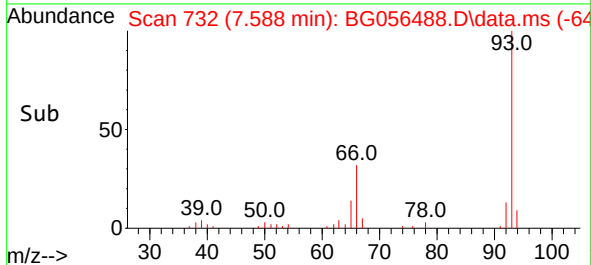
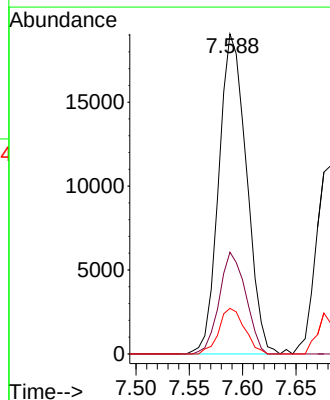
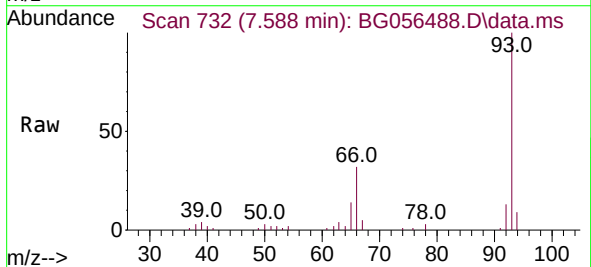
Manual Integrations  
APPROVED

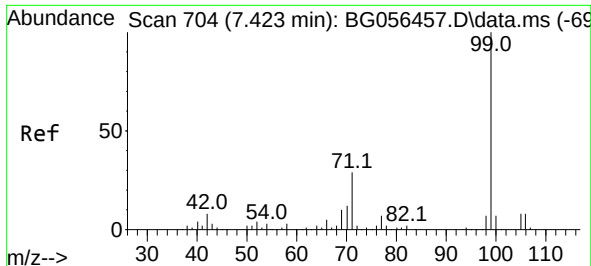
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



#6  
Aniline  
Concen: 9.277 ng  
RT: 7.588 min Scan# 732  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

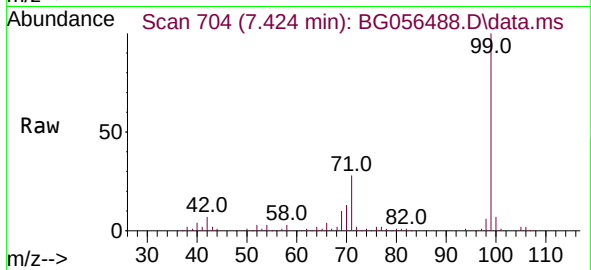
Tgt Ion: 93 Resp: 34420  
Ion Ratio Lower Upper  
93 100  
66 31.8 22.2 33.2  
65 14.2 11.3 16.9





#7  
Phenol-d6  
Concen: 108.193 ng  
RT: 7.424 min Scan# 704  
Delta R.T. 0.006 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

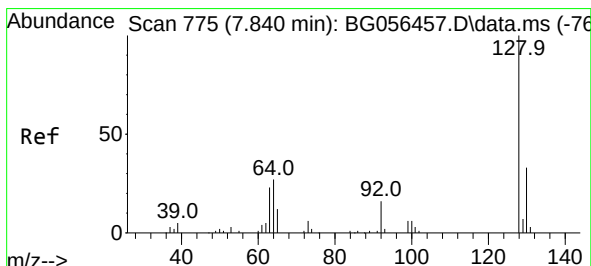
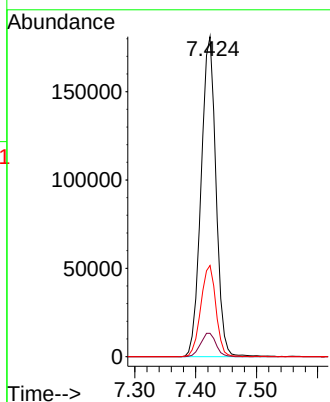
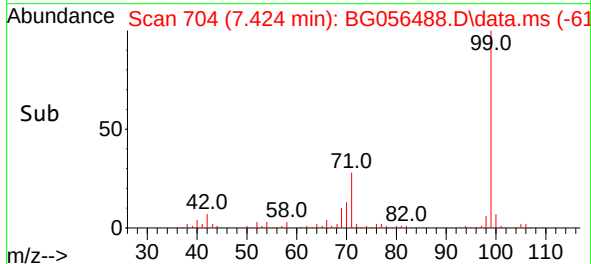
Instrument :  
BNA\_G  
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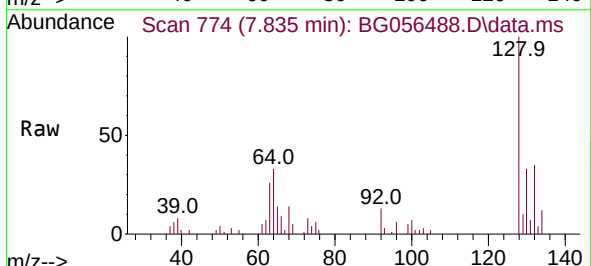
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Ion Ratio Lower Upper  
99 100  
42 7.3 6.6 10.0  
71 28.5 23.4 35.0

Manual Integrations  
APPROVED

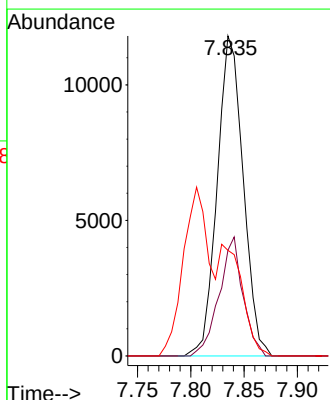
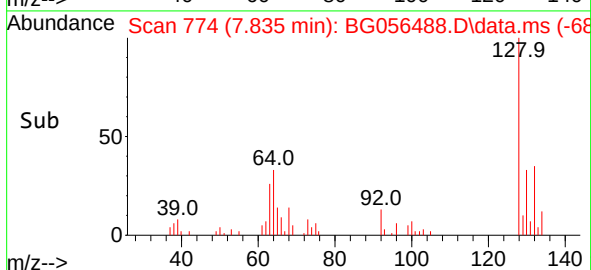
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023

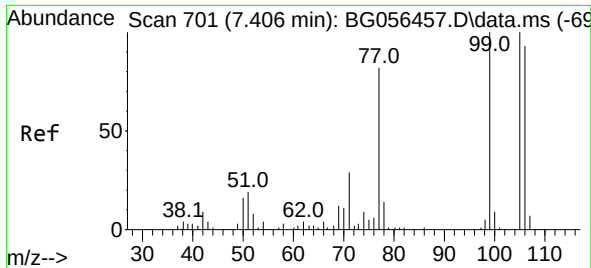


#8  
2-Chlorophenol  
Concen: 9.527 ng  
RT: 7.835 min Scan# 774  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52



Tgt Ion:128 Resp: 20017  
Ion Ratio Lower Upper  
128 100  
130 33.0 12.8 52.8  
64 33.0 11.3 51.3





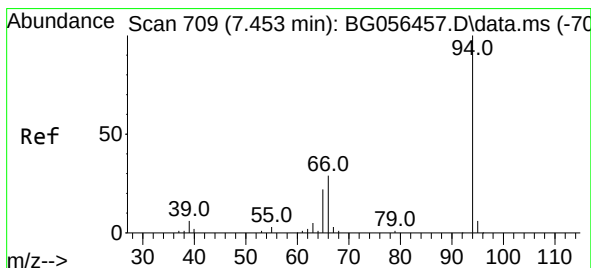
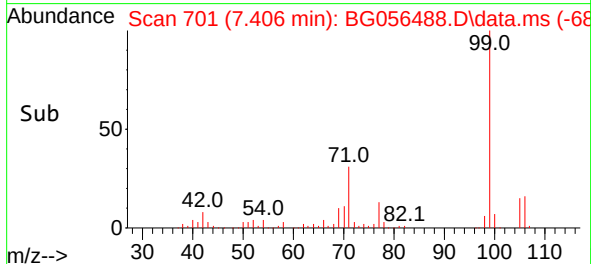
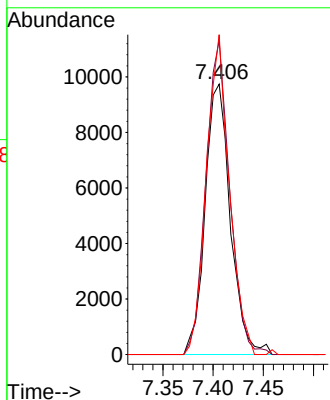
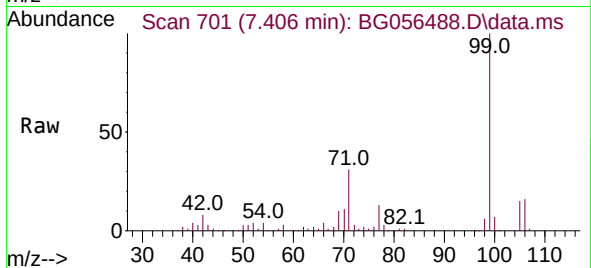
#9  
Benzaldehyde  
Concen: 10.442 ng  
RT: 7.406 min Scan# 701  
Delta R.T. 0.006 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2022

Tgt Ion: 77 Resp: 17054  
Ion Ratio Lower Upper  
77 100  
105 116.0 101.8 141.8  
106 118.3 93.0 133.0

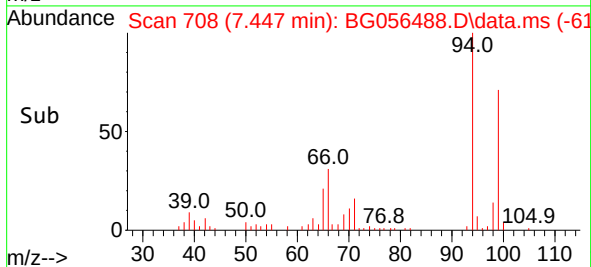
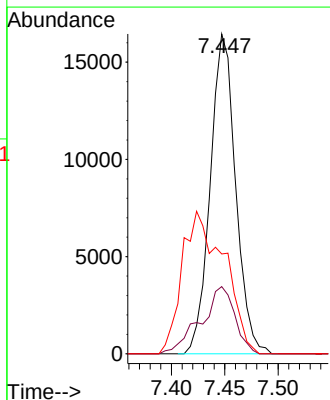
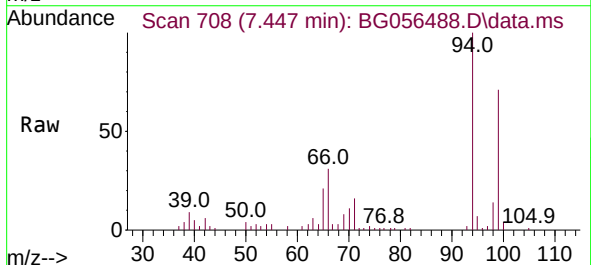
Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023

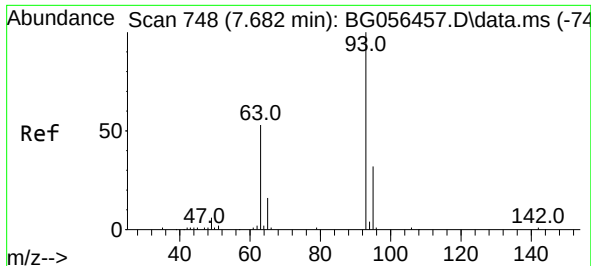


#10  
Phenol  
Concen: 9.477 ng  
RT: 7.447 min Scan# 708  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

Tgt Ion: 94 Resp: 27295  
Ion Ratio Lower Upper  
94 100  
65 21.0 2.3 42.3  
66 31.2 11.2 51.2







#11

bis(2-Chloroethyl)ether

Concen: 9.654 ng

RT: 7.682 min Scan# 74

Delta R.T. 0.000 min

Lab File: BG056488.D

Acq: 31 Jan 2023 16:52

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2022

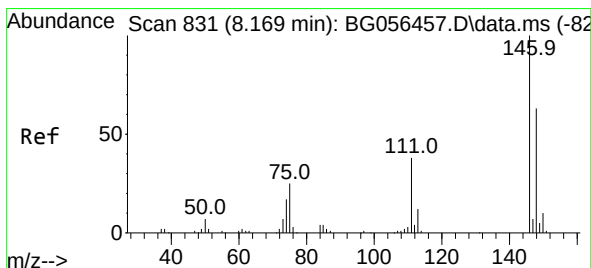
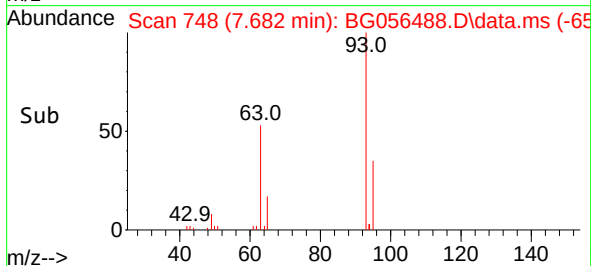
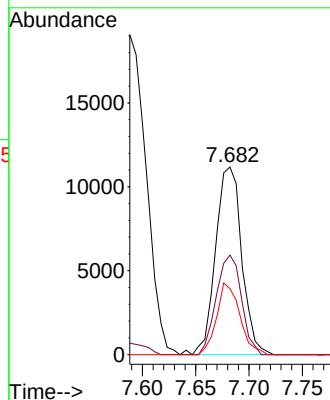
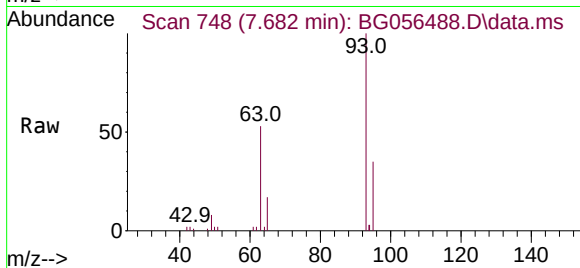
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 1911  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 53.0  | 32.4  | 72.4  |
| 95       | 35.1  | 11.8  | 51.8  |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#12

1,3-Dichlorobenzene

Concen: 10.385 ng

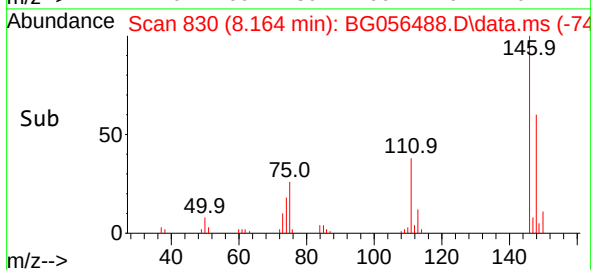
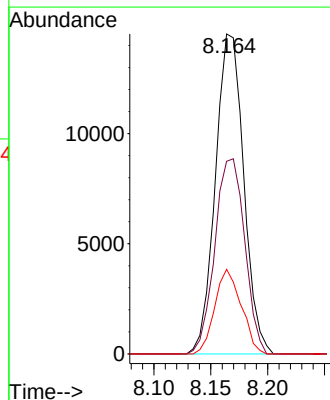
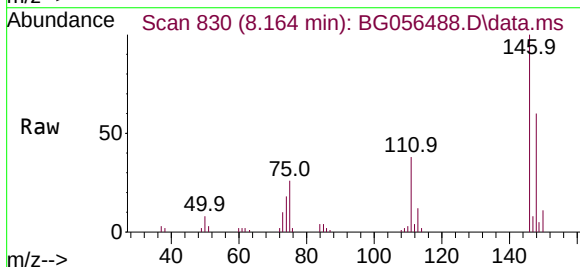
RT: 8.164 min Scan# 830

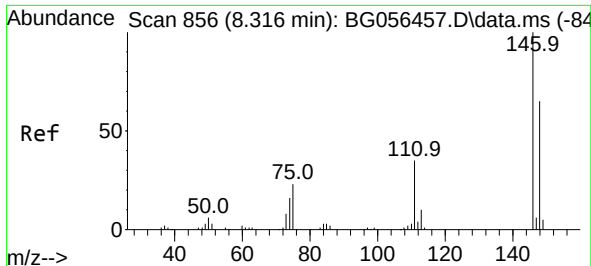
Delta R.T. 0.000 min

Lab File: BG056488.D

Acq: 31 Jan 2023 16:52

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 25123 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 148      | 65.2  | 50.6  | 75.8  |
| 75       | 26.4  | 19.6  | 29.4  |





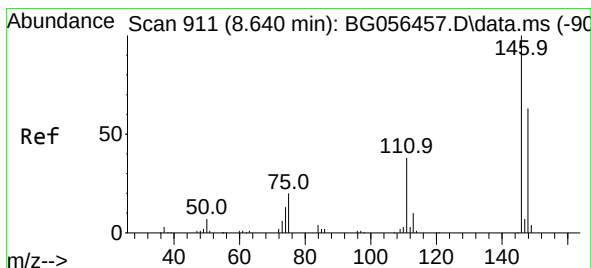
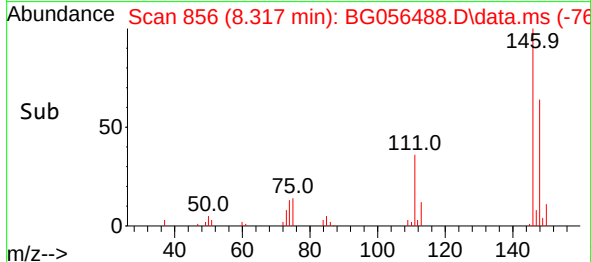
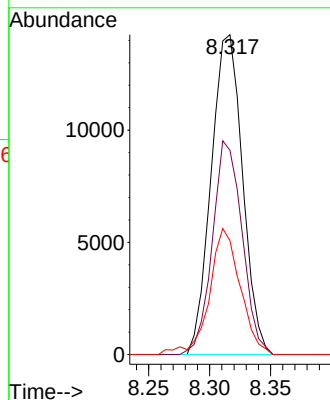
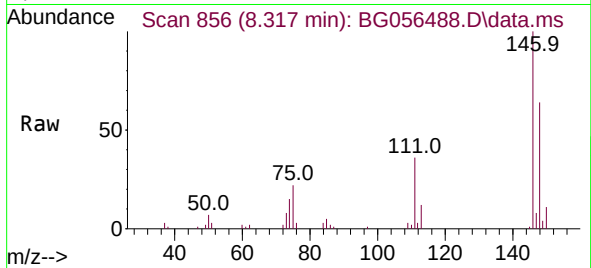
#13  
1,4-Dichlorobenzene  
Concen: 10.430 ng  
RT: 8.317 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2022

Tgt Ion:146 Resp: 25552  
Ion Ratio Lower Upper  
146 100  
148 63.8 51.8 77.6  
111 35.6 28.6 42.8

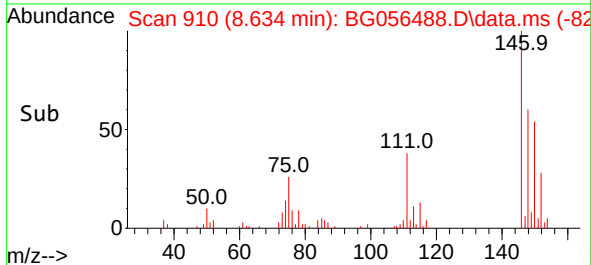
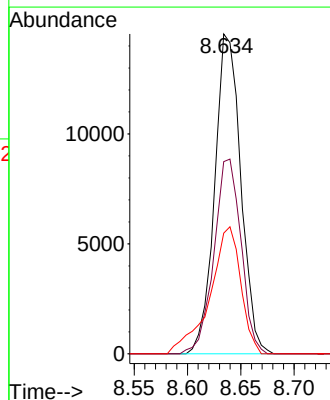
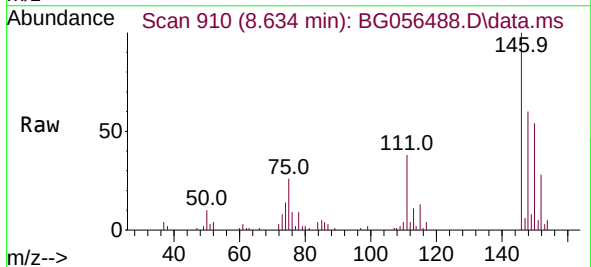
Manual Integrations  
APPROVED

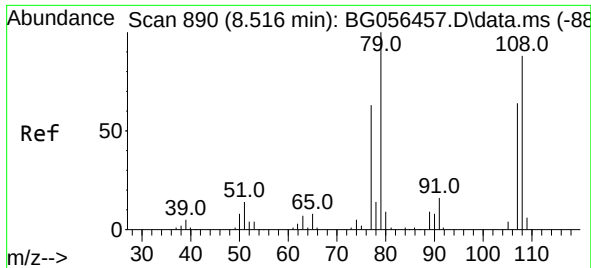
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



#14  
1,2-Dichlorobenzene  
Concen: 10.435 ng  
RT: 8.634 min Scan# 910  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

Tgt Ion:146 Resp: 24803  
Ion Ratio Lower Upper  
146 100  
148 60.1 50.1 75.1  
111 37.7 30.9 46.3





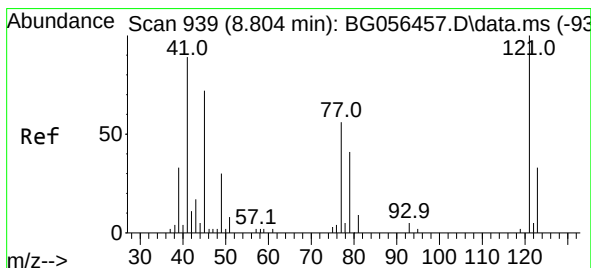
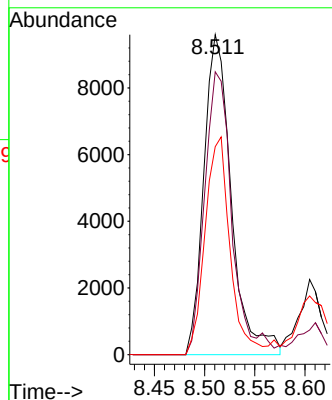
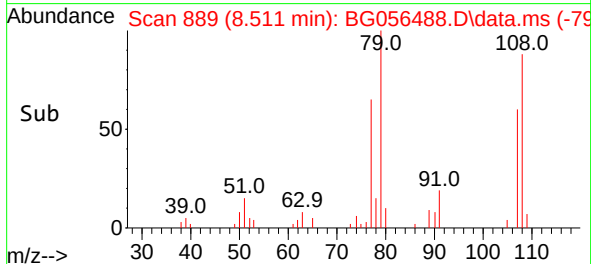
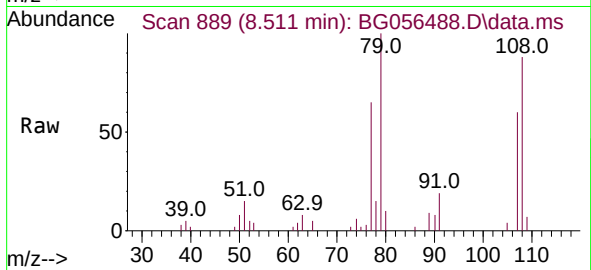
#15  
Benzyl Alcohol  
Concen: 9.387 ng  
RT: 8.511 min Scan# 889  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2022

Tgt Ion: 79 Resp: 18250  
Ion Ratio Lower Upper  
79 100  
108 88.4 70.1 105.1  
77 65.0 50.3 75.5

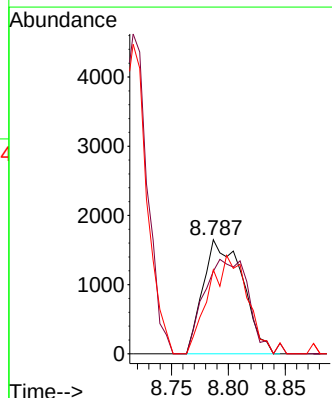
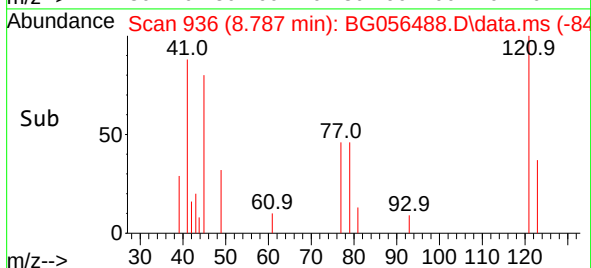
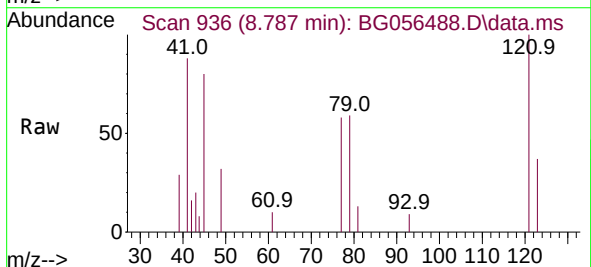
Manual Integrations  
APPROVED

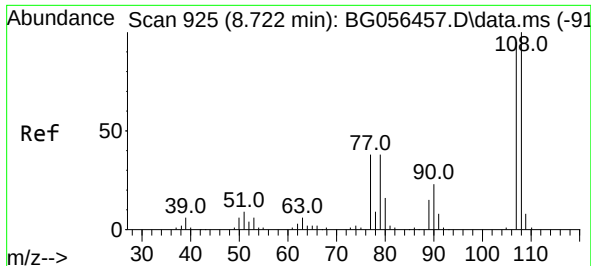
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 9.524 ng  
RT: 8.787 min Scan# 936  
Delta R.T. -0.006 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

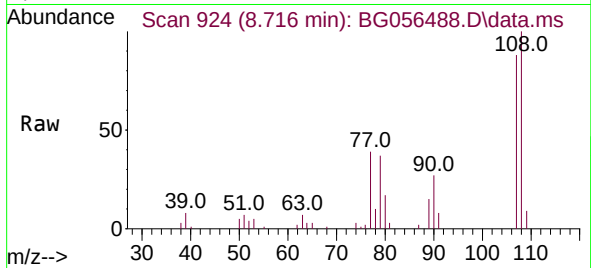
Tgt Ion: 45 Resp: 3995  
Ion Ratio Lower Upper  
45 100  
77 72.4 62.1 102.1  
79 73.6 42.7 82.7





#17  
2-Methylphenol  
Concen: 8.564 ng  
RT: 8.716 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

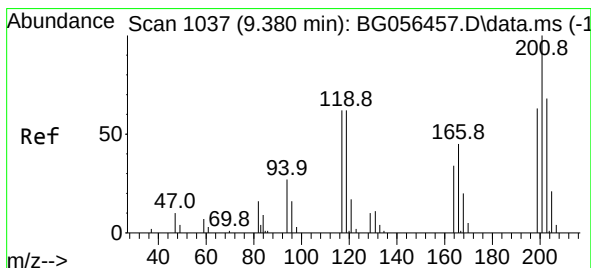
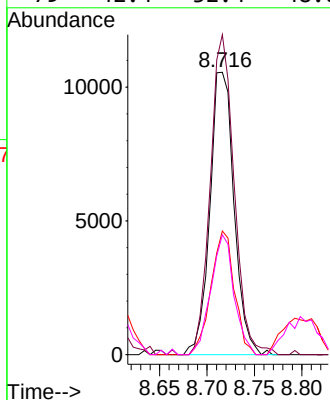
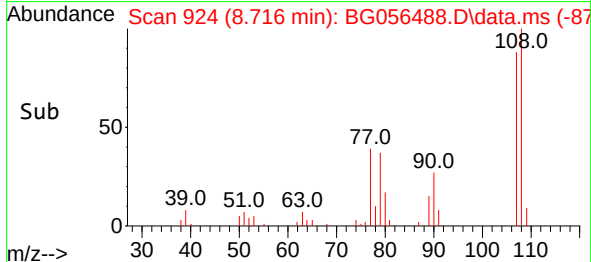
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2022



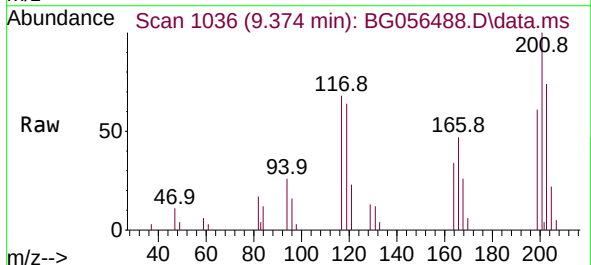
Tgt Ion:107 Resp: 1876  
Ion Ratio Lower Upper  
107 100  
108 113.4 83.9 125.9  
77 43.8 31.6 47.4  
79 42.4 32.4 48.6

Manual Integrations  
APPROVED

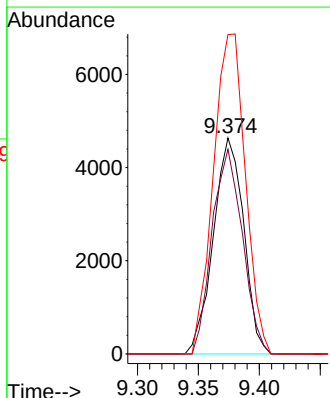
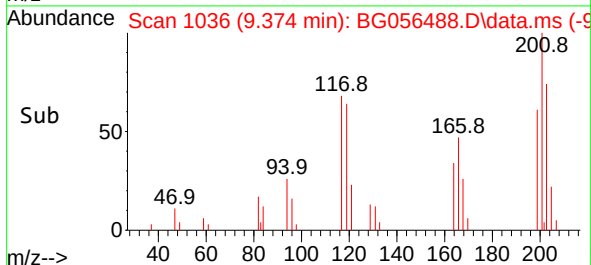
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023

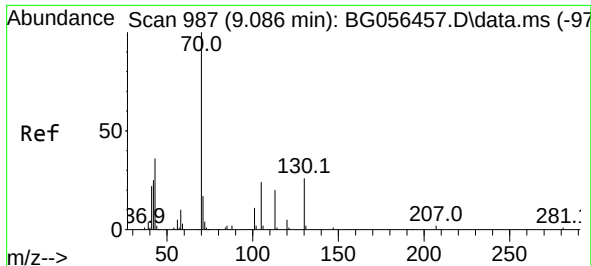


#18  
Hexachloroethane  
Concen: 10.830 ng  
RT: 9.374 min Scan# 1036  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52



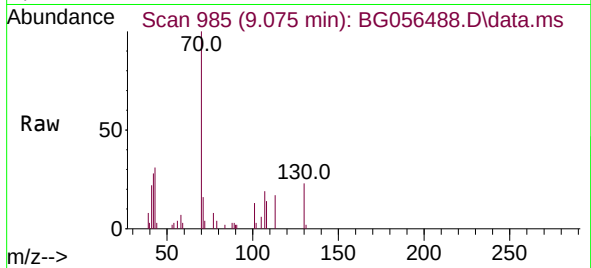
Tgt Ion:117 Resp: 8025  
Ion Ratio Lower Upper  
117 100  
119 94.7 79.4 119.0  
201 153.6 128.5 192.7





#19  
n-Nitroso-di-n-propylamine  
Concen: 9.655 ng  
RT: 9.075 min Scan# 987  
Delta R.T. -0.006 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

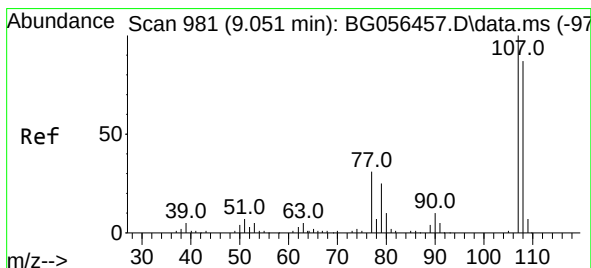
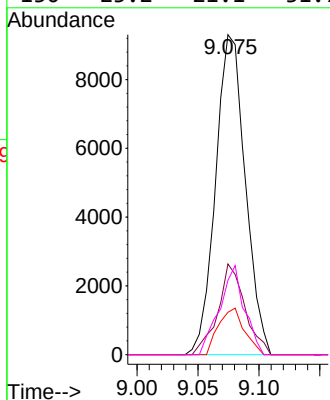
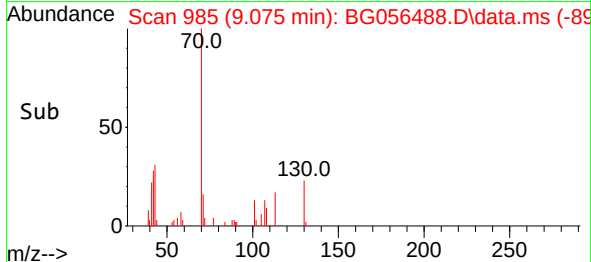
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2022



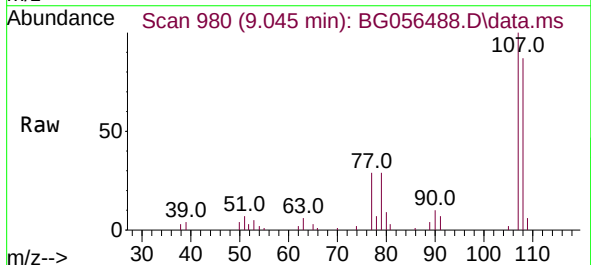
Tgt Ion: 70 Resp: 1576  
Ion Ratio Lower Upper  
70 100  
42 28.3 20.2 30.4  
101 13.2 9.1 13.7  
130 23.2 21.1 31.7

Manual Integrations  
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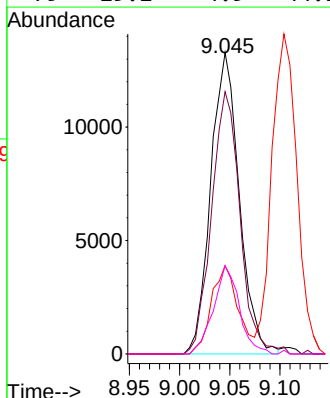
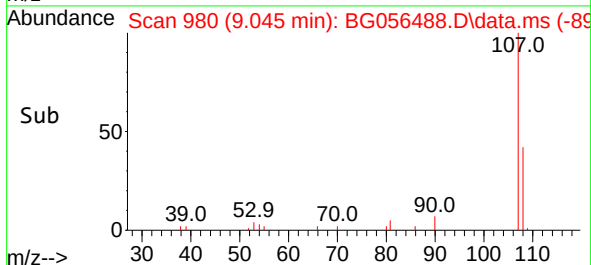
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023

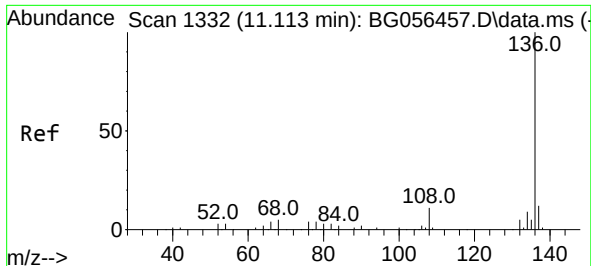


#20  
3+4-Methylphenols  
Concen: 8.550 ng  
RT: 9.045 min Scan# 980  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52



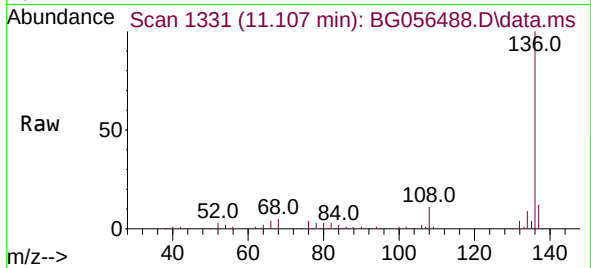
Tgt Ion:107 Resp: 26256  
Ion Ratio Lower Upper  
107 100  
108 87.0 66.7 106.7  
77 29.3 10.6 50.6  
79 29.2 4.9 44.9





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.107 min Scan# 1331  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

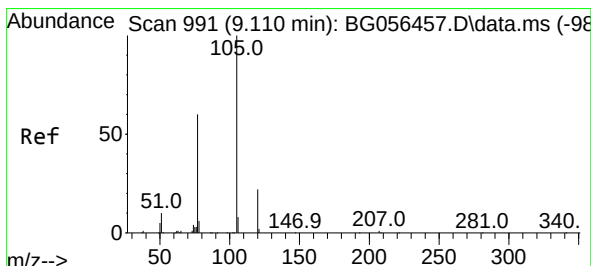
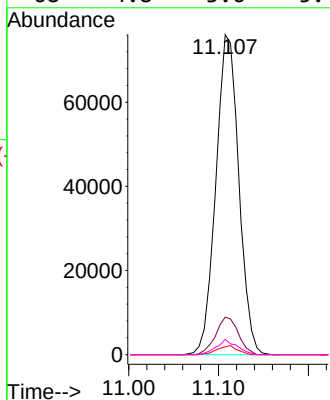
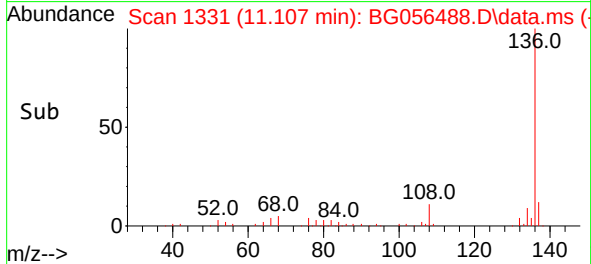
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2022



Tgt Ion:136 Resp: 135697  
Ion Ratio Lower Upper  
136 100  
137 11.7 9.4 14.0  
54 2.4 2.2 3.4  
68 4.8 3.6 5.4

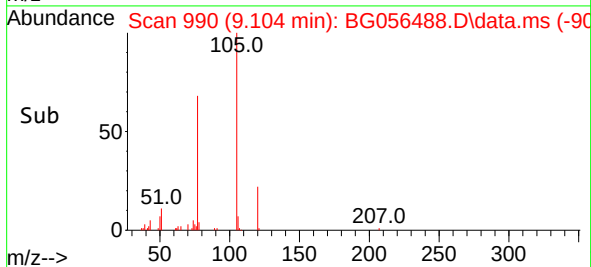
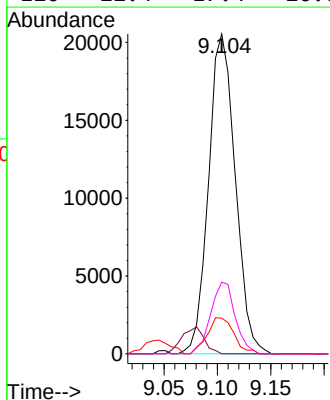
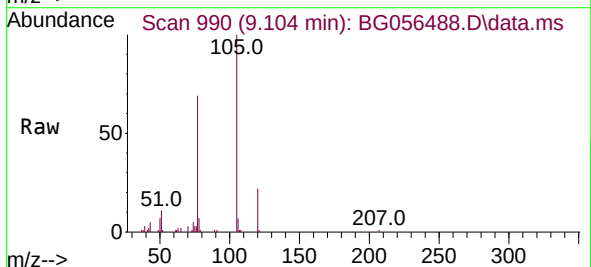
Manual Integrations  
APPROVED

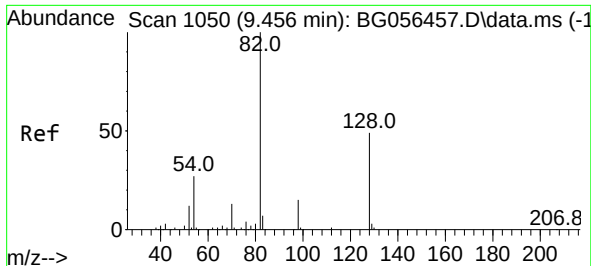
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



#22  
Acetophenone  
Concen: 9.937 ng  
RT: 9.104 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

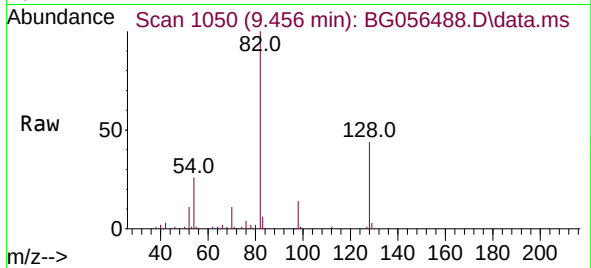
Tgt Ion:105 Resp: 35829  
Ion Ratio Lower Upper  
105 100  
71 0.0 0.6 0.8#  
51 11.2 9.2 13.8  
120 22.4 17.4 26.0





#23  
Nitrobenzene-d5  
Concen: 75.547 ng  
RT: 9.456 min Scan# 1050  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

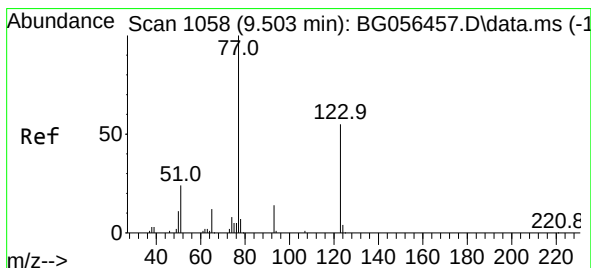
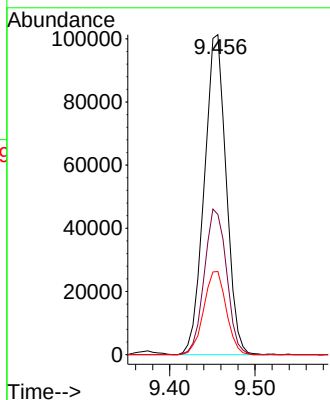
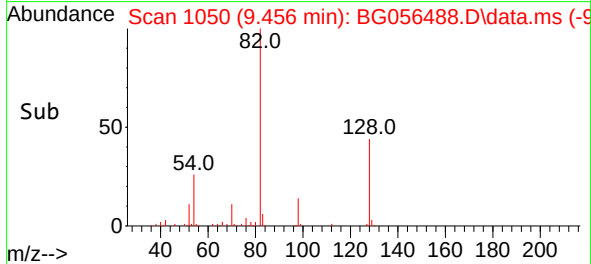
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2022



Tgt Ion: 82 Resp: 180532  
Ion Ratio Lower Upper  
82 100  
128 43.8 39.4 59.2  
54 26.0 21.4 32.2

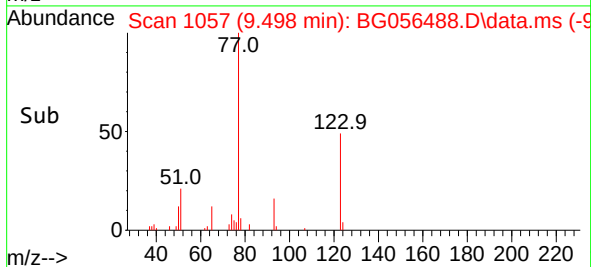
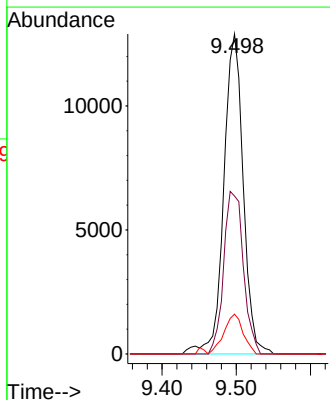
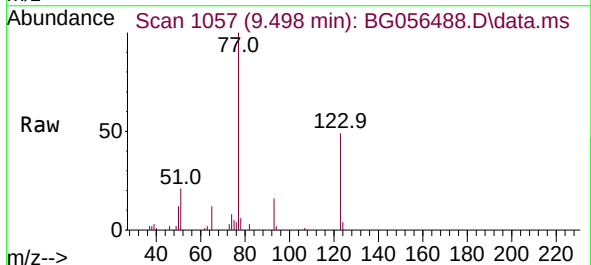
Manual Integrations  
APPROVED

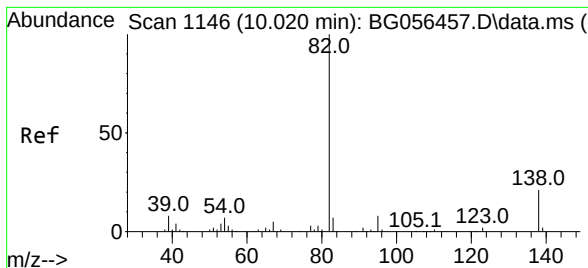
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



#24  
Nitrobenzene  
Concen: 10.173 ng  
RT: 9.498 min Scan# 1057  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

Tgt Ion: 77 Resp: 23449  
Ion Ratio Lower Upper  
77 100  
123 49.3 44.0 66.0  
65 12.4 9.7 14.5





#25

Isophorone

Concen: 9.606 ng

RT: 10.015 min Scan# 1145

Delta R.T. 0.000 min

Lab File: BG056488.D

Acq: 31 Jan 2023 16:52

Instrument :

BNA\_G

ClientSampleId :

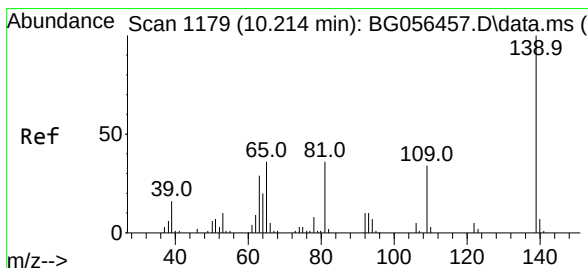
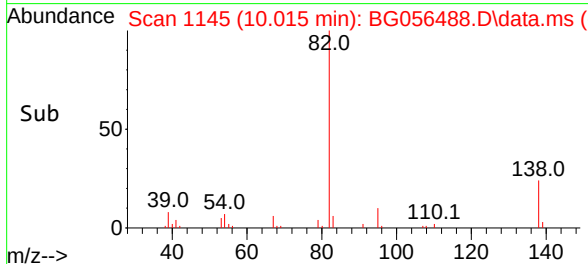
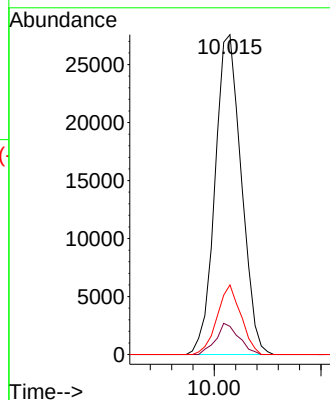
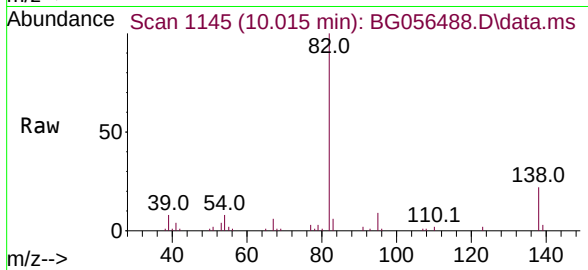
LOD-MDL-SOIL-01-QT4-2022

|             |             |
|-------------|-------------|
| Tgt Ion: 82 | Resp: 4735  |
| Ion Ratio   | Lower Upper |
| 82 100      |             |
| 95 8.8      | 6.3 9.5     |
| 138 21.8    | 16.6 25.0   |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



#26

2-Nitrophenol

Concen: 9.692 ng

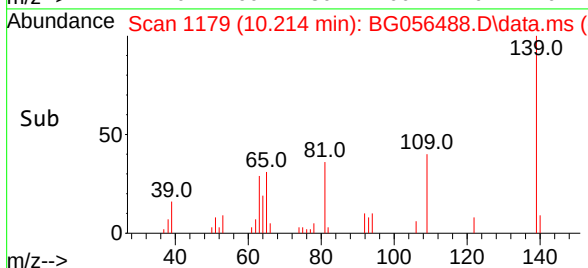
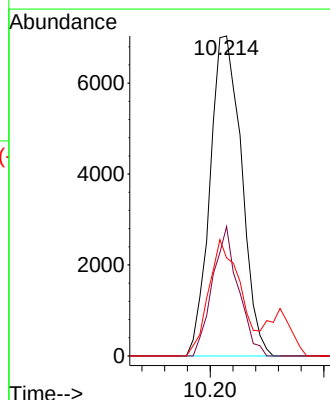
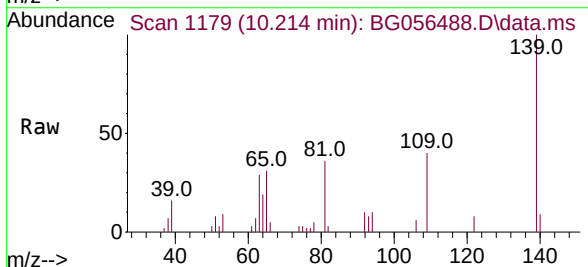
RT: 10.214 min Scan# 1179

Delta R.T. 0.000 min

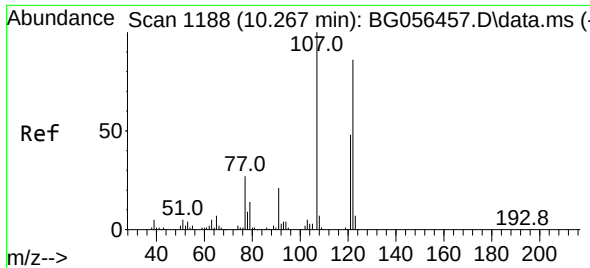
Lab File: BG056488.D

Acq: 31 Jan 2023 16:52

|             |             |
|-------------|-------------|
| Tgt Ion:139 | Resp: 13555 |
| Ion Ratio   | Lower Upper |
| 139 100     |             |
| 109 40.4    | 26.9 40.3   |
| 65 30.6     | 29.0 43.4   |

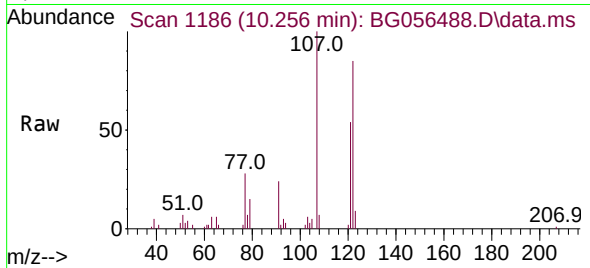






#27  
2,4-Dimethylphenol  
Concen: 8.323 ng m  
RT: 10.256 min Scan# 1186  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

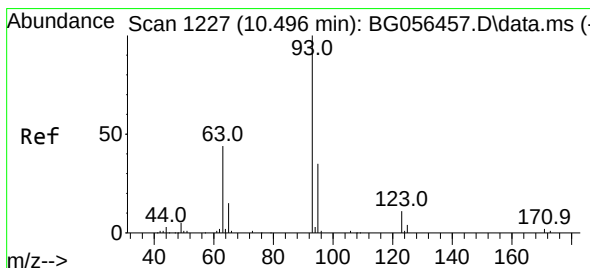
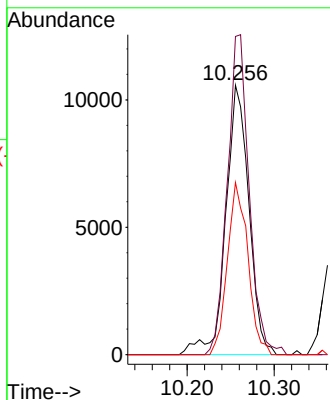
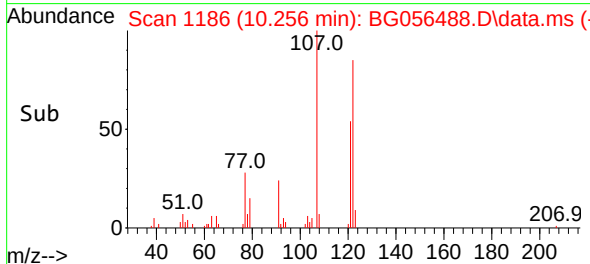
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2022



Tgt Ion:122 Resp: 19480  
Ion Ratio Lower Upper  
122 100  
107 118.1 92.9 139.3  
121 63.9 45.0 67.4

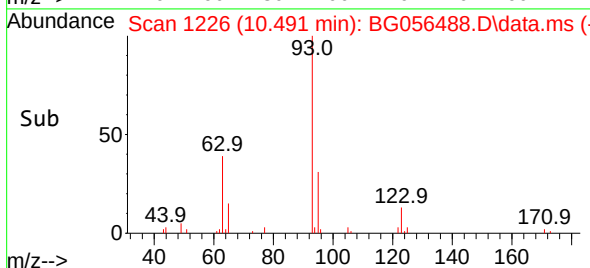
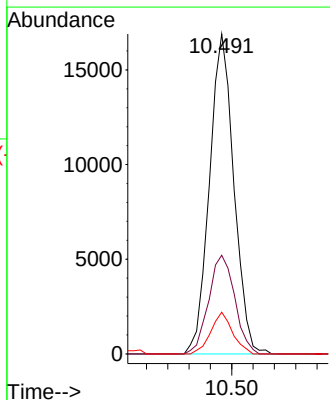
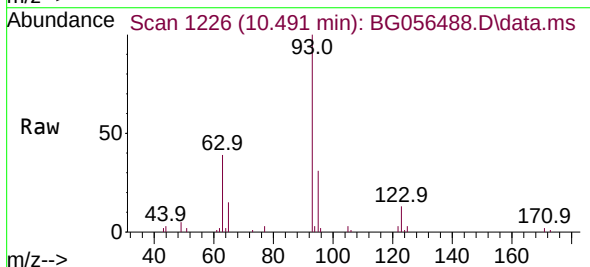
Manual Integrations  
APPROVED

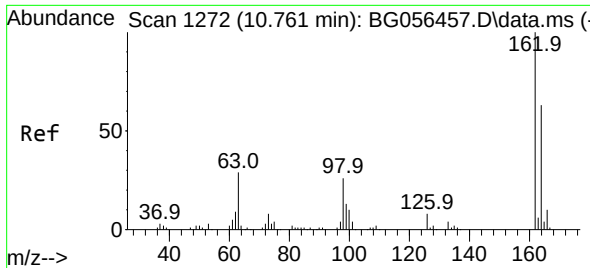
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



#28  
bis(2-Chloroethoxy)methane  
Concen: 9.860 ng  
RT: 10.491 min Scan# 1226  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

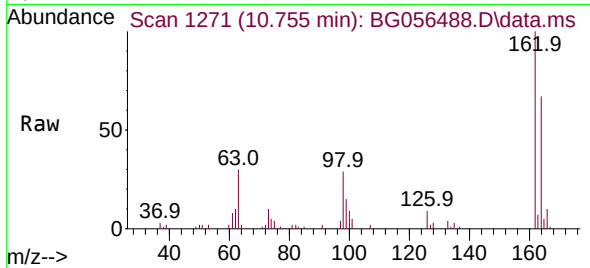
Tgt Ion: 93 Resp: 26854  
Ion Ratio Lower Upper  
93 100  
95 30.9 27.9 41.9  
123 13.0 8.6 12.8#





#29  
2,4-Dichlorophenol  
Concen: 9.486 ng  
RT: 10.755 min Scan# 1271  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

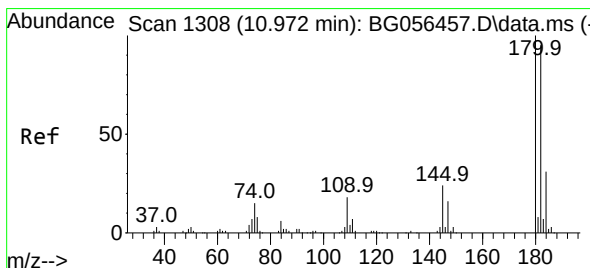
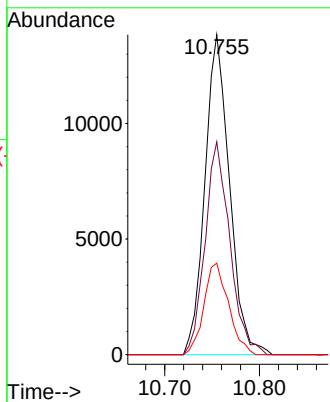
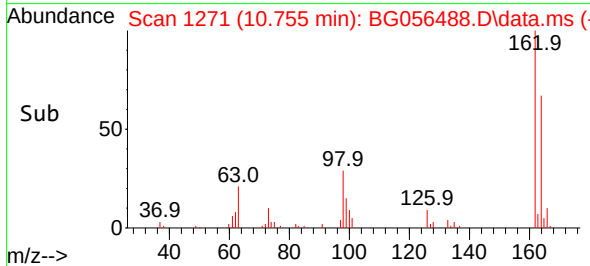
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2022



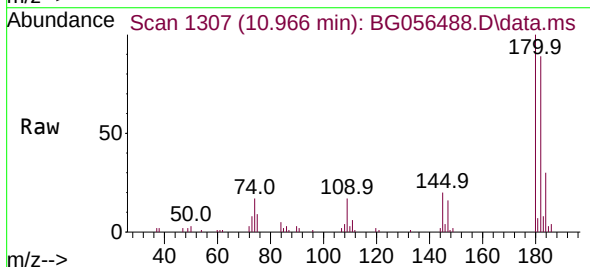
Tgt Ion:162 Resp: 24991  
Ion Ratio Lower Upper  
162 100  
164 66.5 42.8 82.8  
98 28.6 6.5 46.5

Manual Integrations  
APPROVED

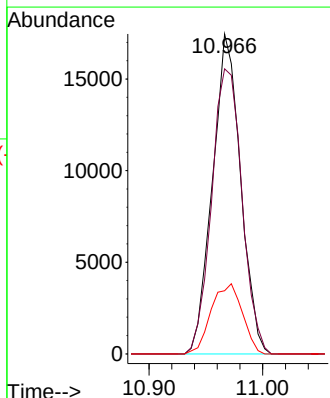
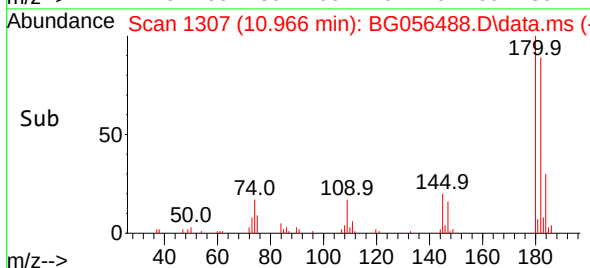
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023

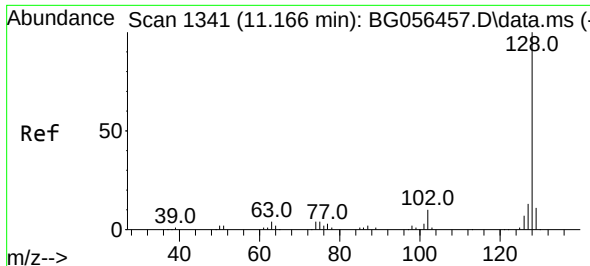


#30  
1,2,4-Trichlorobenzene  
Concen: 10.224 ng  
RT: 10.966 min Scan# 1307  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52



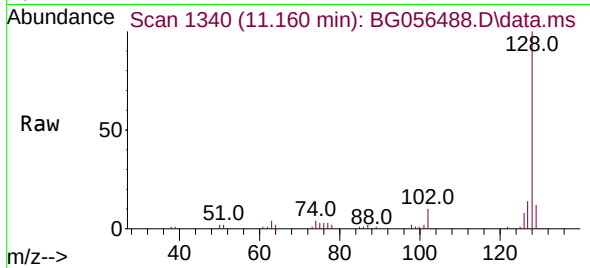
Tgt Ion:180 Resp: 29933  
Ion Ratio Lower Upper  
180 100  
182 89.1 75.9 113.9  
145 19.7 19.4 29.0





#31  
Naphthalene  
Concen: 9.839 ng  
RT: 11.160 min Scan# 1341  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

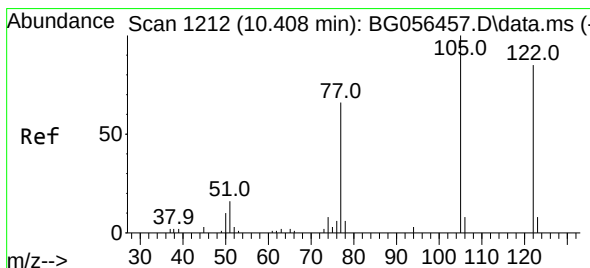
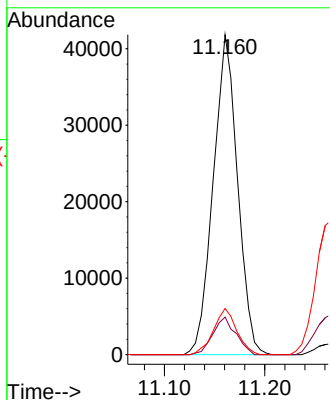
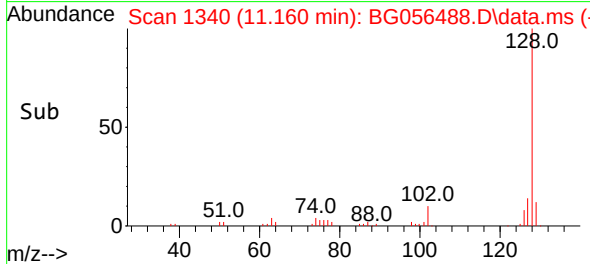
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2022



Tgt Ion:128 Resp: 70469  
Ion Ratio Lower Upper  
128 100  
129 11.7 8.7 13.1  
127 14.4 10.4 15.6

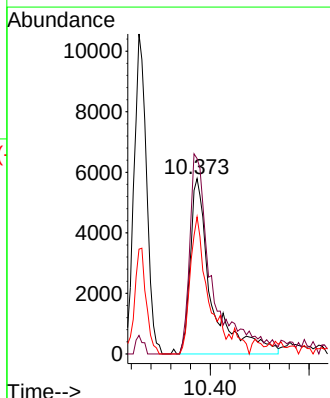
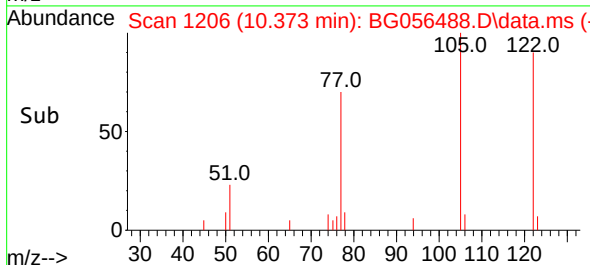
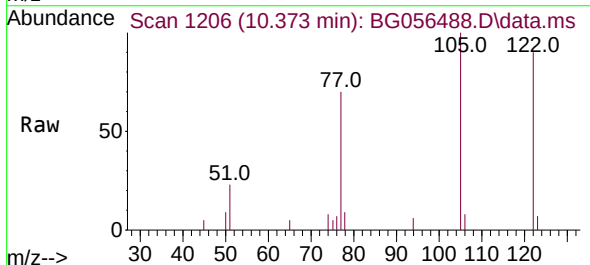
Manual Integrations  
APPROVED

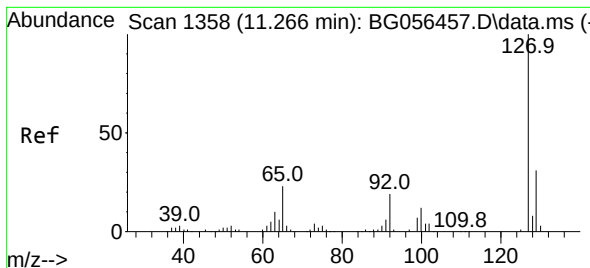
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



#32  
Benzoic acid  
Concen: 13.154 ng m  
RT: 10.373 min Scan# 1206  
Delta R.T. -0.029 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

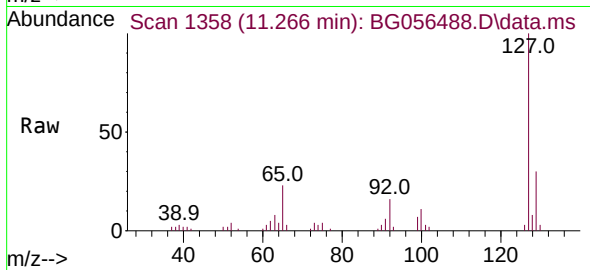
Tgt Ion:122 Resp: 17225  
Ion Ratio Lower Upper  
122 100  
105 111.4 96.5 136.5  
77 78.2 57.3 97.3





#33  
4-Chloroaniline  
Concen: 9.523 ng  
RT: 11.266 min Scan# 1358  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

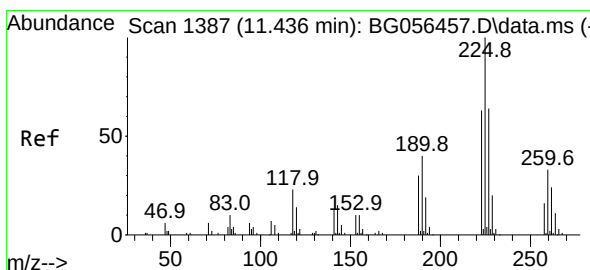
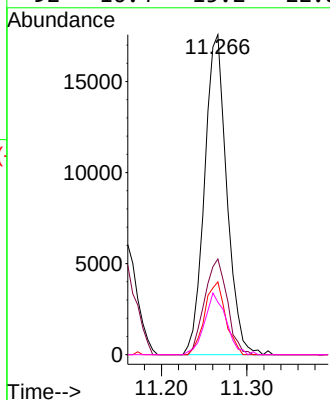
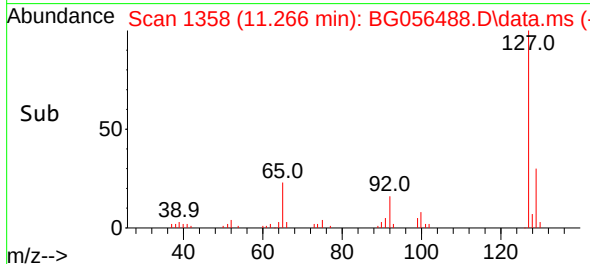
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2022



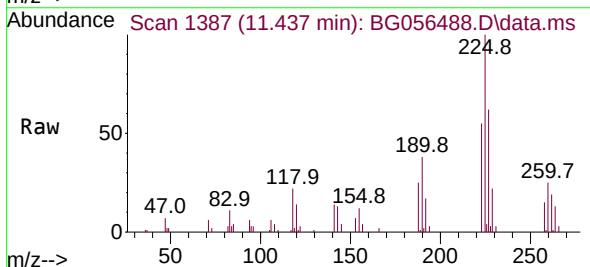
Tgt Ion:127 Resp: 31836  
Ion Ratio Lower Upper  
127 100  
129 29.9 25.0 37.6  
65 22.7 18.5 27.7  
92 16.4 15.2 22.8

Manual Integrations  
APPROVED

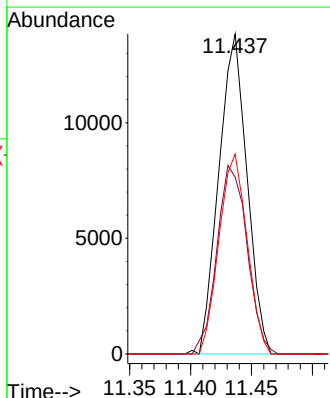
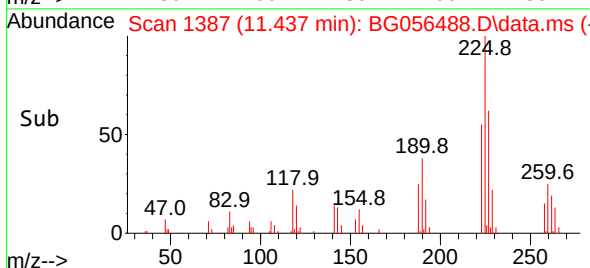
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023

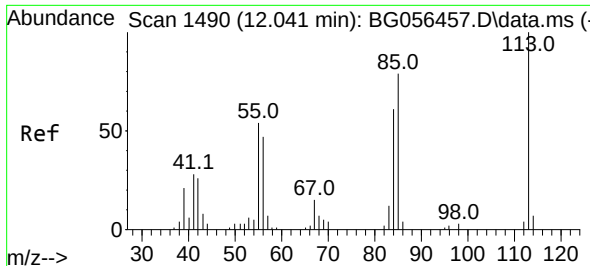


#34  
Hexachlorobutadiene  
Concen: 10.812 ng  
RT: 11.437 min Scan# 1387  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52



Tgt Ion:225 Resp: 22218  
Ion Ratio Lower Upper  
225 100  
223 53.0 50.6 75.8  
227 59.9 53.7 80.5





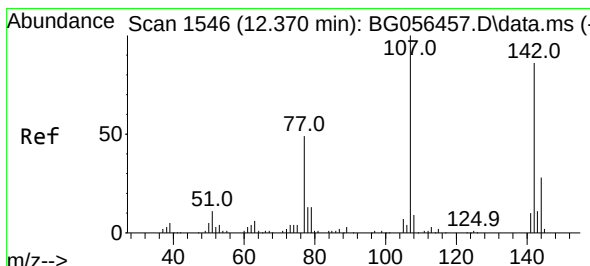
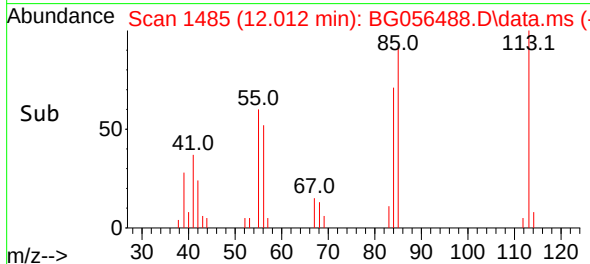
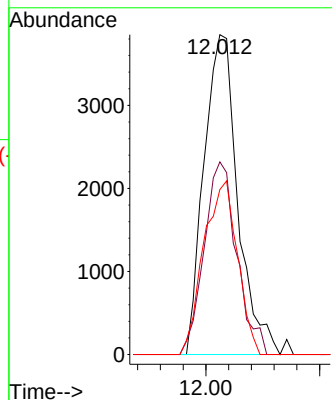
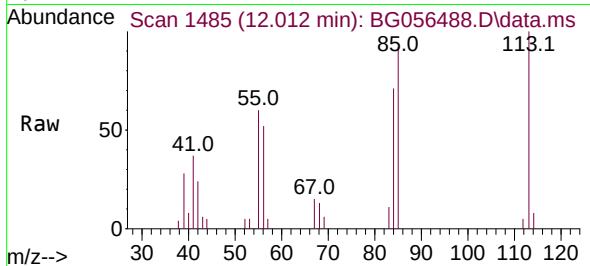
#35  
Caprolactam  
Concen: 8.942 ng  
RT: 12.012 min Scan# 1490  
Delta R.T. -0.018 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2022

Tgt Ion:113 Resp: 7945  
Ion Ratio Lower Upper  
113 100  
55 60.2 33.7 73.7  
56 51.6 27.1 67.1

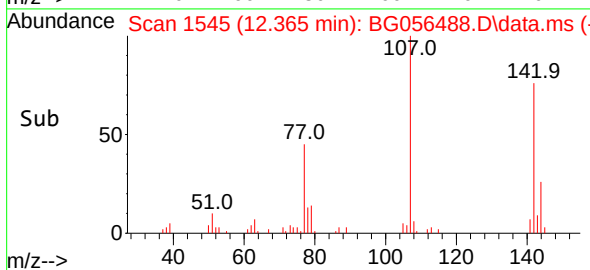
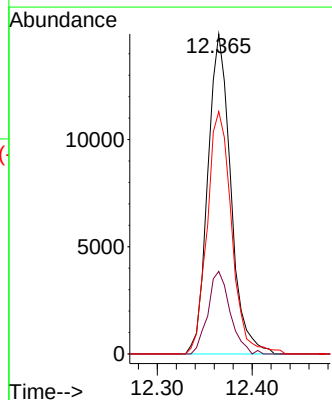
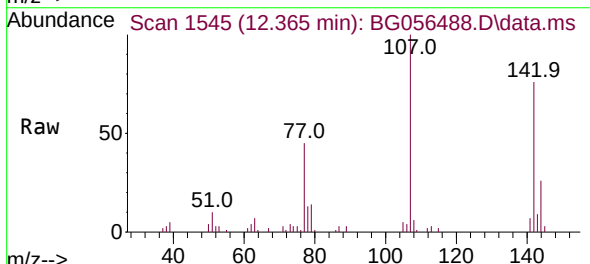
Manual Integrations  
APPROVED

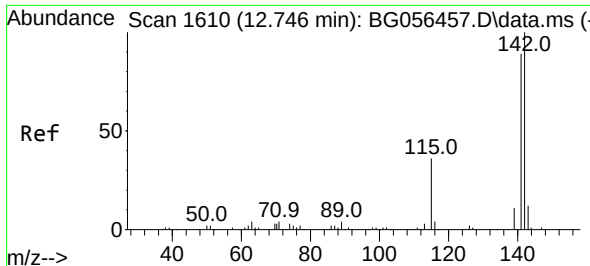
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



#36  
4-Chloro-3-methylphenol  
Concen: 9.867 ng  
RT: 12.365 min Scan# 1545  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

Tgt Ion:107 Resp: 25105  
Ion Ratio Lower Upper  
107 100  
144 25.8 22.3 33.5  
142 75.7 68.9 103.3





#37

2-Methylnaphthalene

Concen: 9.386 ng

RT: 12.747 min Scan# 1610

Delta R.T. 0.000 min

Lab File: BG056488.D

Acq: 31 Jan 2023 16:52

Instrument :

BNA\_G

ClientSampleId :

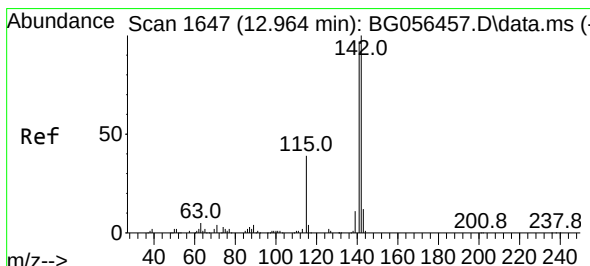
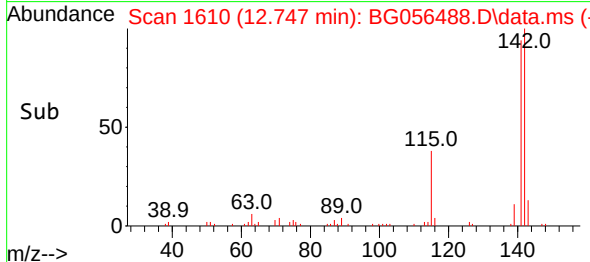
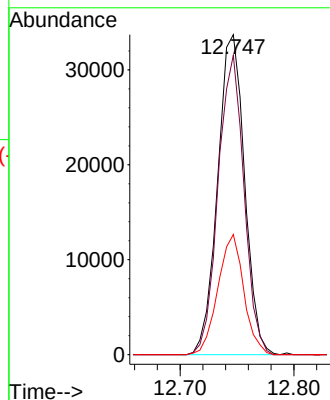
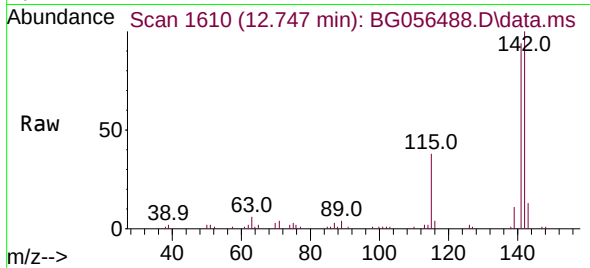
LOD-MDL-SOIL-01-QT4-2022

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:142 | Resp: | 55423      |
| Ion Ratio   | Lower | Upper      |
| 142         | 100   |            |
| 141         | 93.6  | 71.4 107.0 |
| 115         | 37.5  | 28.4 42.6  |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



#38

1-Methylnaphthalene

Concen: 9.451 ng

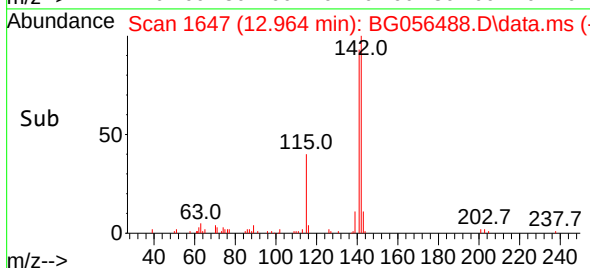
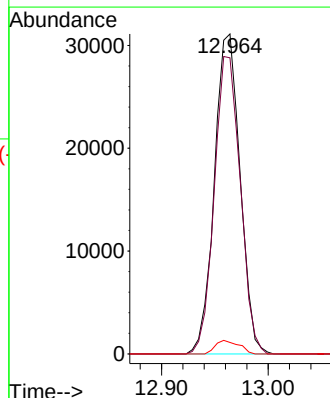
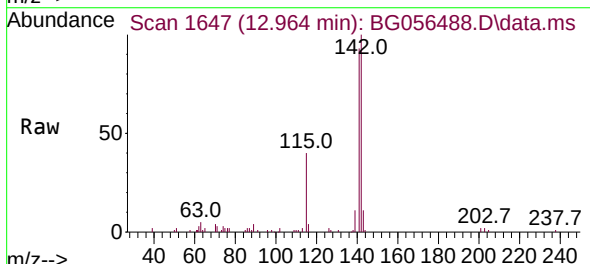
RT: 12.964 min Scan# 1647

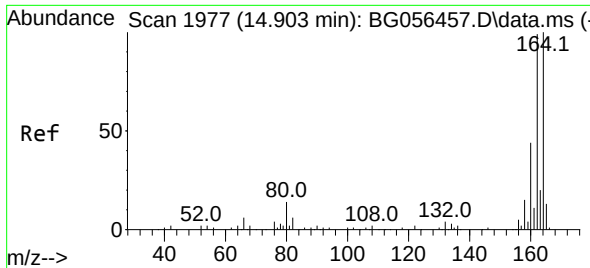
Delta R.T. 0.000 min

Lab File: BG056488.D

Acq: 31 Jan 2023 16:52

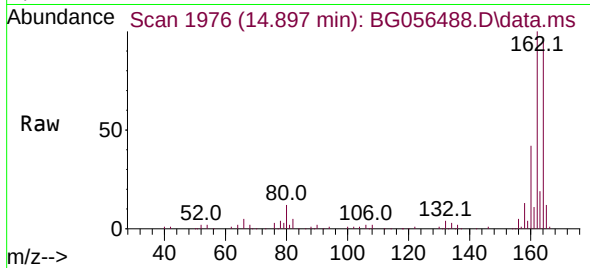
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:142 | Resp: | 52116      |
| Ion Ratio   | Lower | Upper      |
| 142         | 100   |            |
| 141         | 92.5  | 77.7 116.5 |
| 116         | 3.6   | 3.4 5.2    |





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.897 min Scan# 1977  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

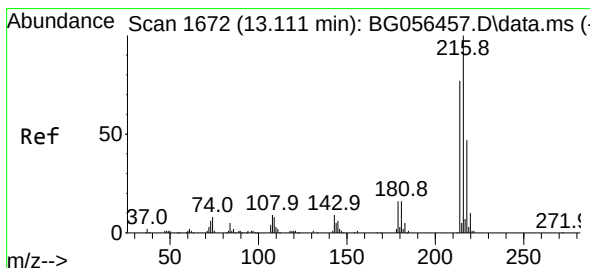
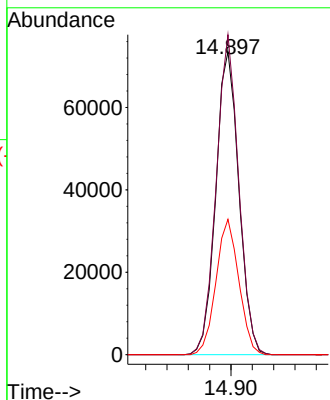
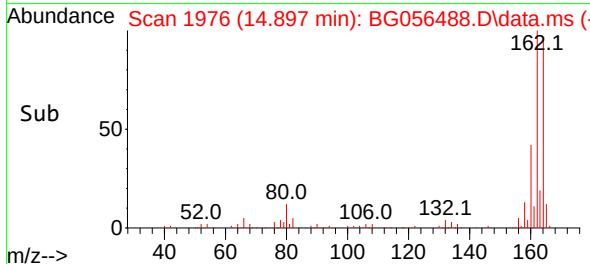
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2022



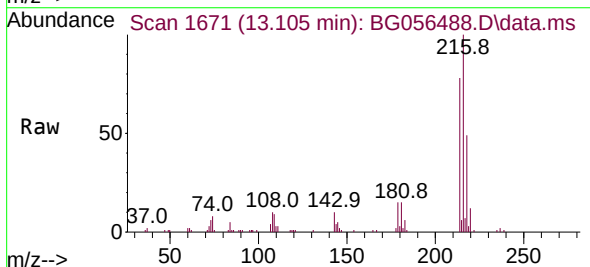
Tgt Ion:164 Resp: 110448  
Ion Ratio Lower Upper  
164 100  
162 105.6 79.6 119.4  
160 44.7 34.9 52.3

Manual Integrations  
APPROVED

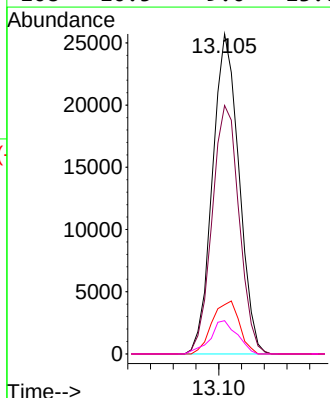
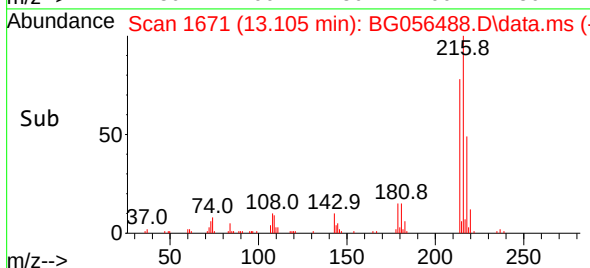
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023

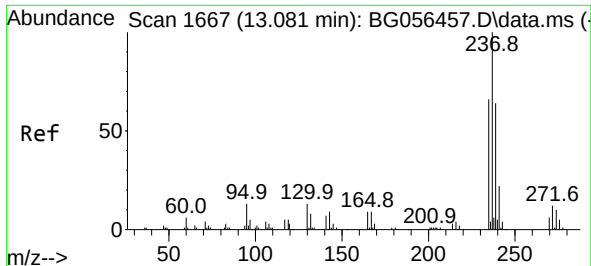


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 10.297 ng  
RT: 13.105 min Scan# 1671  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52



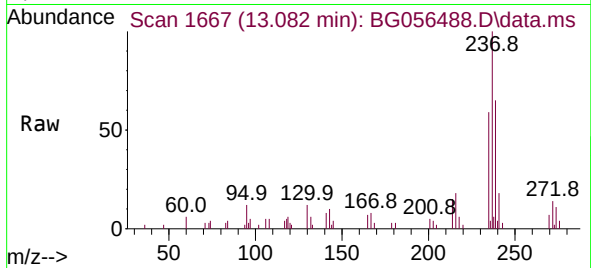
Tgt Ion:216 Resp: 41549  
Ion Ratio Lower Upper  
216 100  
214 79.2 63.0 94.6  
179 16.9 14.1 21.1  
108 10.5 9.0 13.6





#41  
Hexachlorocyclopentadiene  
Concen: 12.434 ng  
RT: 13.082 min Scan# 1667  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

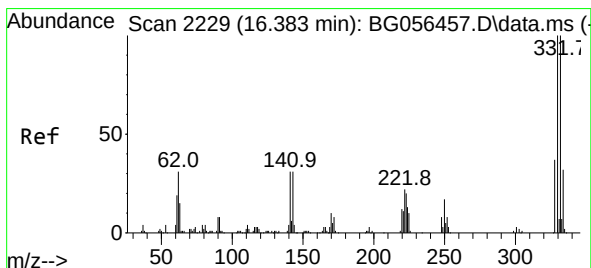
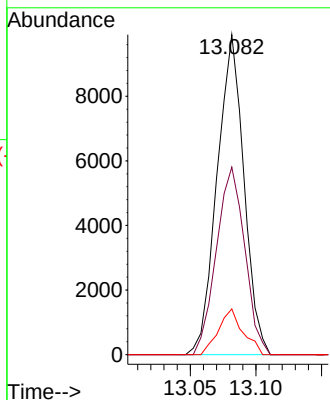
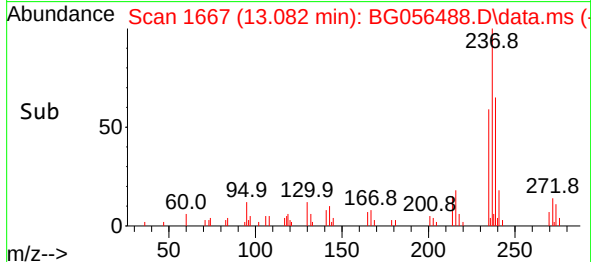
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2022



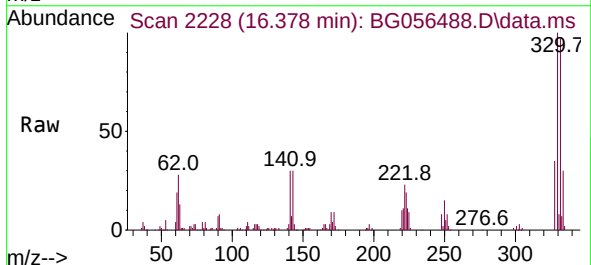
Tgt Ion:237 Resp: 14091  
Ion Ratio Lower Upper  
237 100  
235 58.6 45.6 85.6  
272 14.3 0.0 32.3

Manual Integrations  
APPROVED

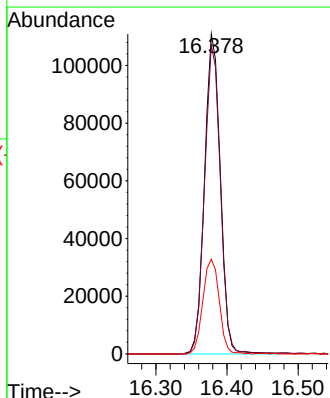
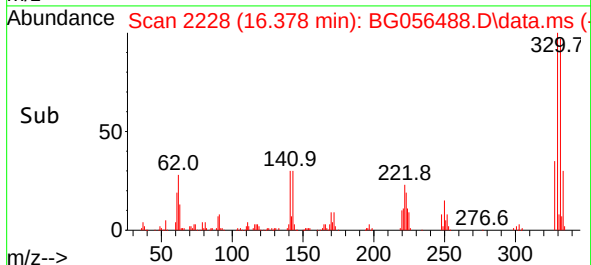
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



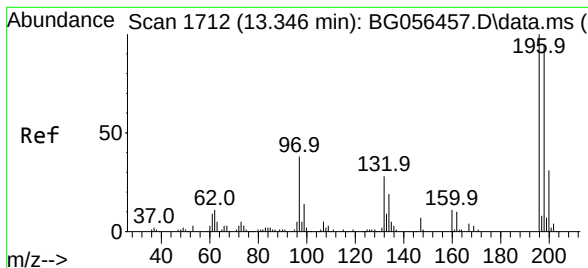
#42  
2,4,6-Tribromophenol  
Concen: 116.103 ng  
RT: 16.378 min Scan# 2228  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52



Tgt Ion:330 Resp: 170478  
Ion Ratio Lower Upper  
330 100  
332 97.0 79.0 118.6  
141 30.6 24.2 36.4

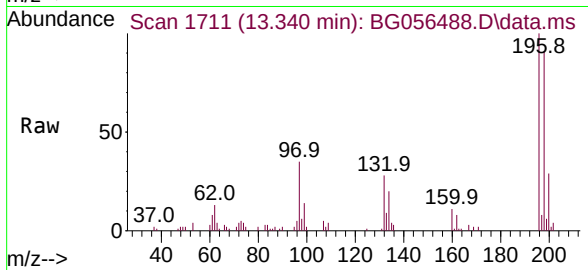






#43  
2,4,6-Trichlorophenol  
Concen: 9.788 ng  
RT: 13.340 min Scan# 1712  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

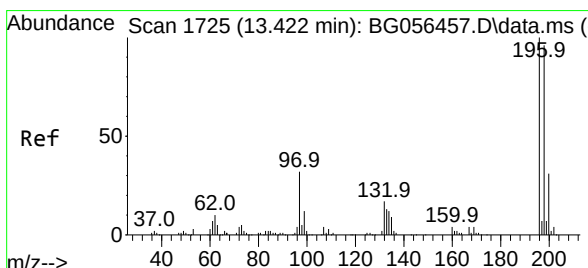
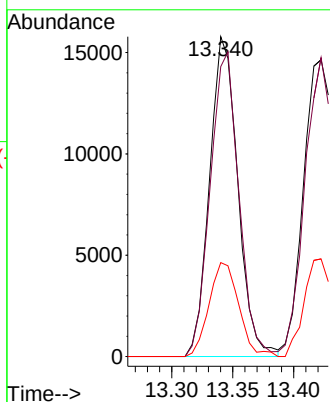
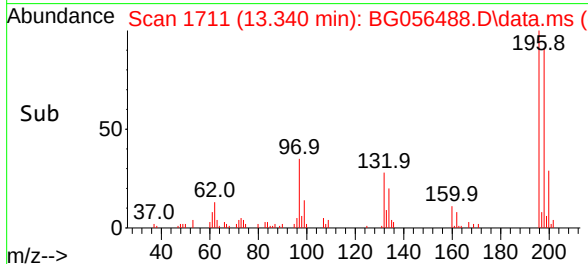
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2022



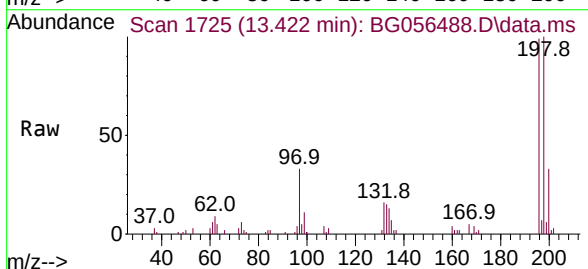
Tgt Ion:196 Resp: 2545  
Ion Ratio Lower Upper  
196 100  
198 90.6 75.4 113.0  
200 29.4 25.0 37.6

Manual Integrations  
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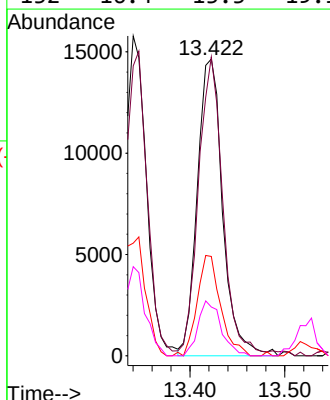
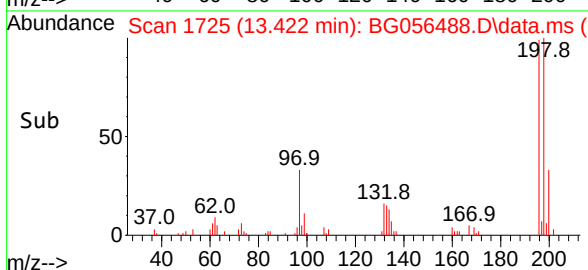
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023

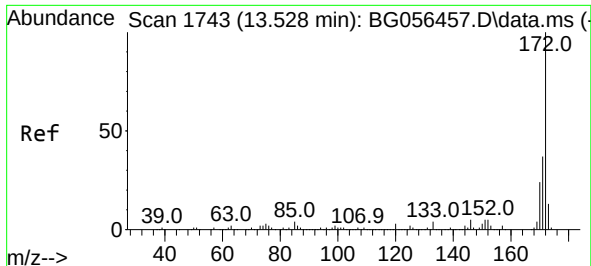


#44  
2,4,5-Trichlorophenol  
Concen: 8.951 ng  
RT: 13.422 min Scan# 1725  
Delta R.T. 0.006 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52



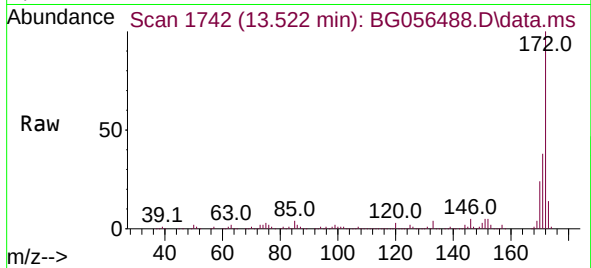
Tgt Ion:196 Resp: 27250  
Ion Ratio Lower Upper  
196 100  
198 100.7 76.9 115.3  
97 33.5 25.8 38.6  
132 16.4 13.3 19.9





#45  
2-Fluorobiphenyl  
Concen: 76.963 ng  
RT: 13.522 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

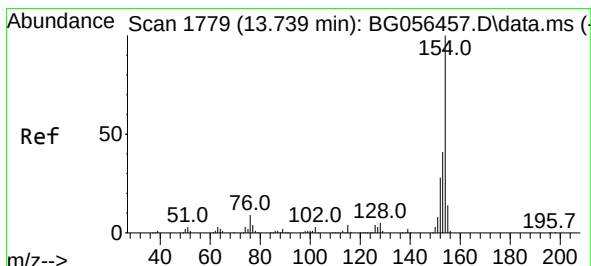
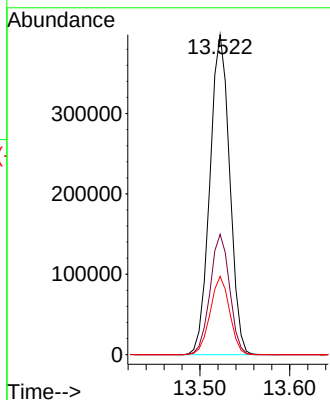
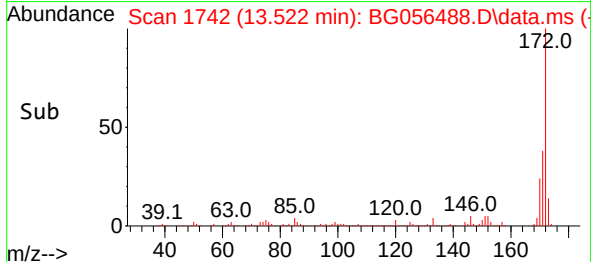
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2022



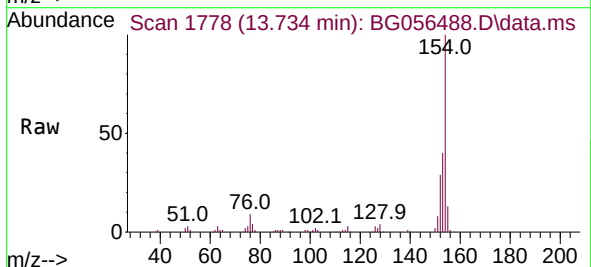
Tgt Ion:172 Resp: 613120  
Ion Ratio Lower Upper  
172 100  
171 37.6 29.5 44.3  
170 24.4 19.2 28.8

Manual Integrations  
APPROVED

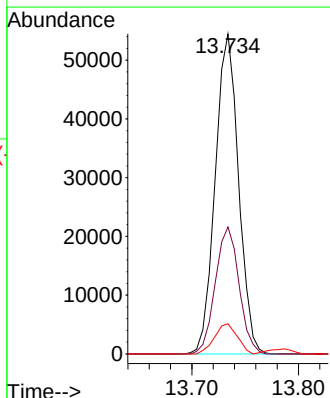
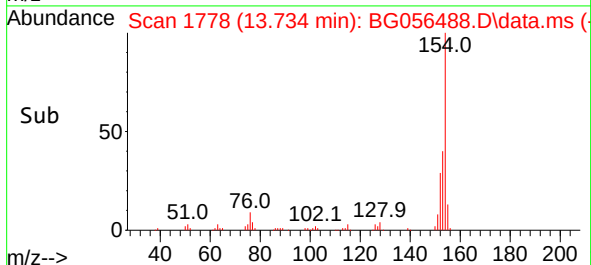
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023

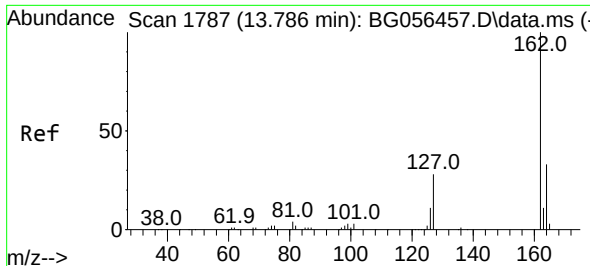


#46  
1,1'-Biphenyl  
Concen: 10.340 ng  
RT: 13.734 min Scan# 1778  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52



Tgt Ion:154 Resp: 82833  
Ion Ratio Lower Upper  
154 100  
153 39.7 21.5 61.5  
76 9.4 0.0 28.8





#47

2-Chloronaphthalene

Concen: 10.242 ng

RT: 13.787 min Scan# 11

Delta R.T. 0.000 min

Lab File: BG056488.D

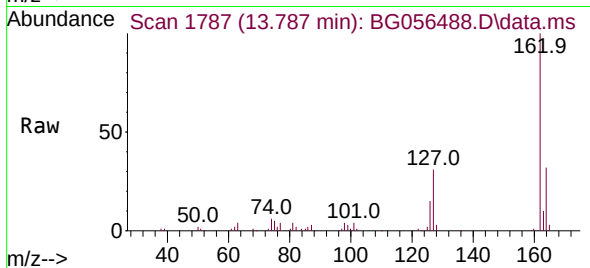
Acq: 31 Jan 2023 16:52

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2022



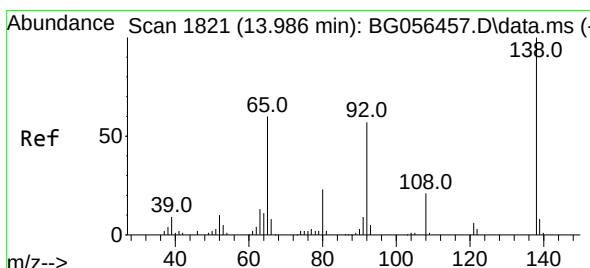
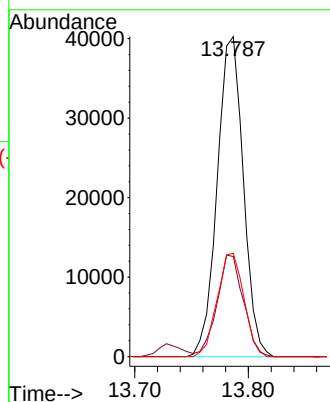
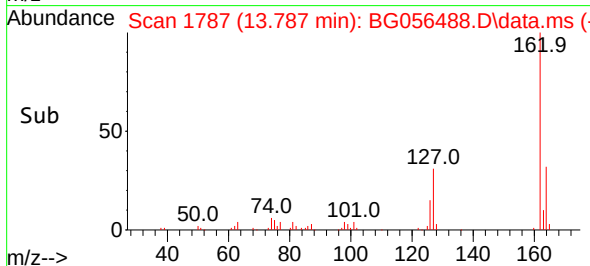
Tgt Ion:162 Resp: 64136

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 127 | 31.3  | 25.2  | 37.8  |
| 164 | 32.3  | 26.2  | 39.2  |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



#48

2-Nitroaniline

Concen: 9.090 ng

RT: 13.981 min Scan# 1820

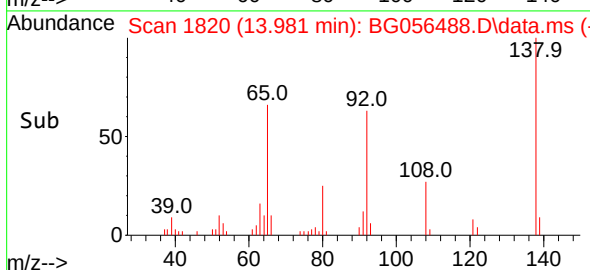
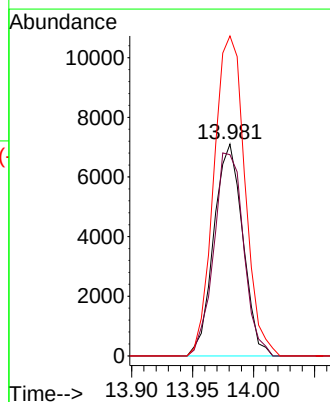
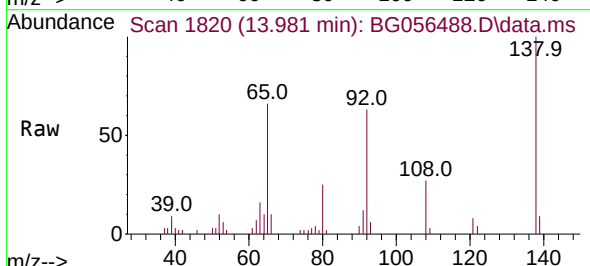
Delta R.T. 0.000 min

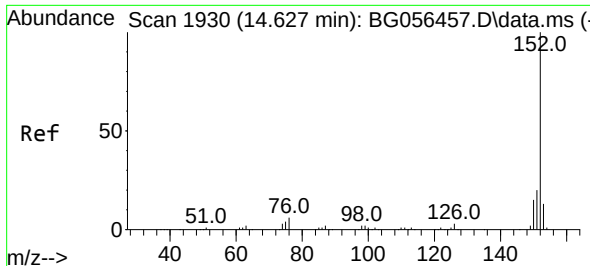
Lab File: BG056488.D

Acq: 31 Jan 2023 16:52

Tgt Ion: 65 Resp: 11766

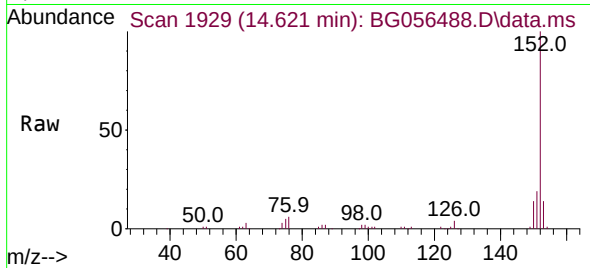
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 92  | 95.0  | 75.8  | 113.6 |
| 138 | 151.1 | 133.2 | 199.8 |





#49  
Acenaphthylene  
Concen: 9.867 ng  
RT: 14.621 min Scan# 1930  
Delta R.T. -0.006 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

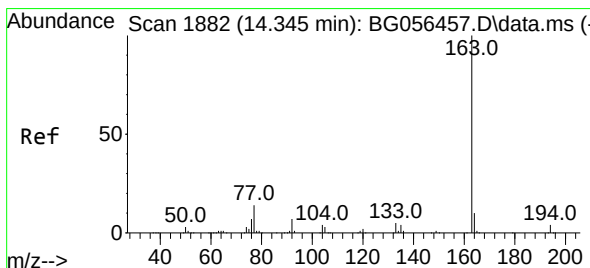
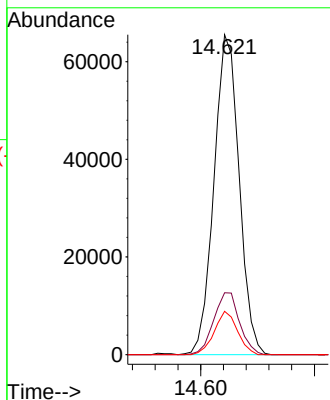
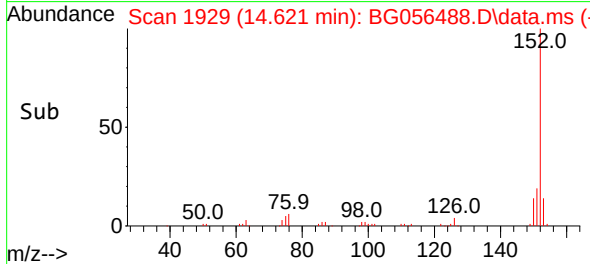
Instrument : BNA\_G  
ClientSampleId : LOD-MDL-SOIL-01-QT4-2022



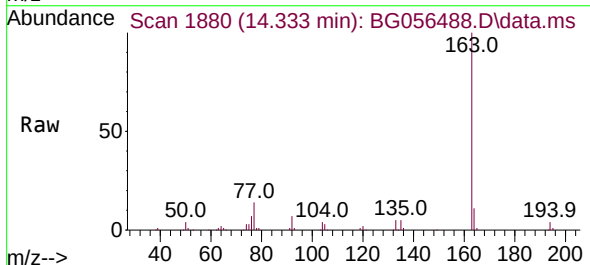
Tgt Ion:152 Resp: 100525  
Ion Ratio Lower Upper  
152 100  
151 19.3 15.9 23.9  
153 13.5 10.5 15.7

Manual Integrations  
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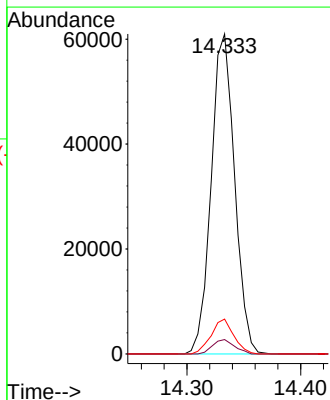
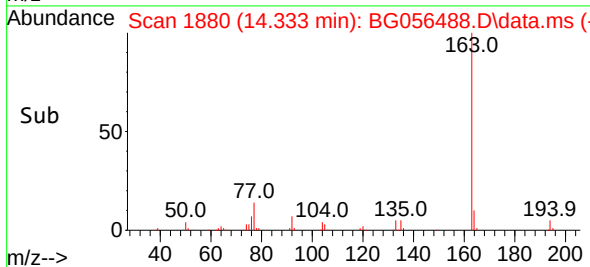
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023

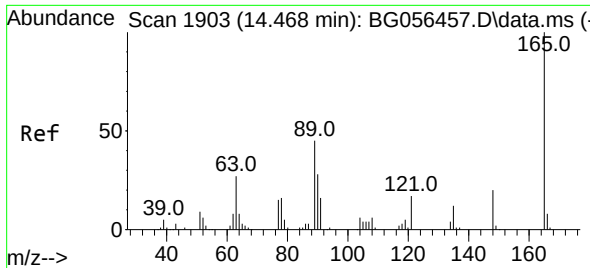


#50  
Dimethylphthalate  
Concen: 9.761 ng  
RT: 14.333 min Scan# 1880  
Delta R.T. -0.006 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52



Tgt Ion:163 Resp: 87218  
Ion Ratio Lower Upper  
163 100  
194 4.5 3.5 5.3  
164 10.9 8.1 12.1





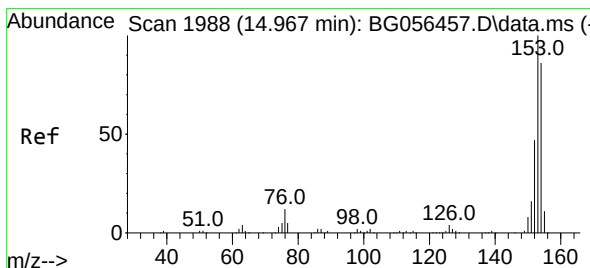
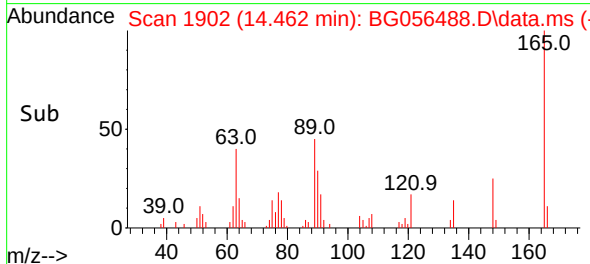
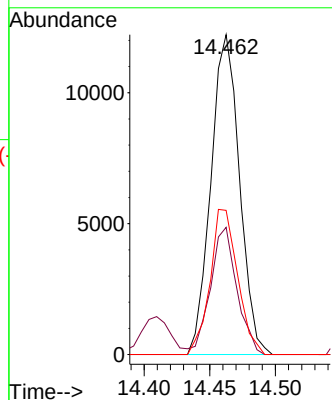
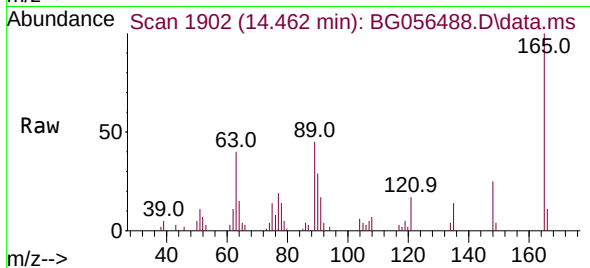
#51  
2,6-Dinitrotoluene  
Concen: 9.495 ng  
RT: 14.462 min Scan# 1903  
Delta R.T. -0.006 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2022

Tgt Ion:165 Resp: 18502  
Ion Ratio Lower Upper  
165 100  
63 39.8 26.9 40.3  
89 45.1 35.6 53.4

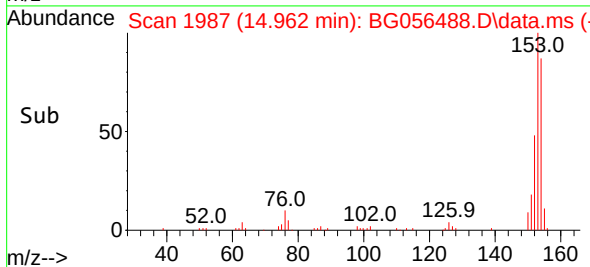
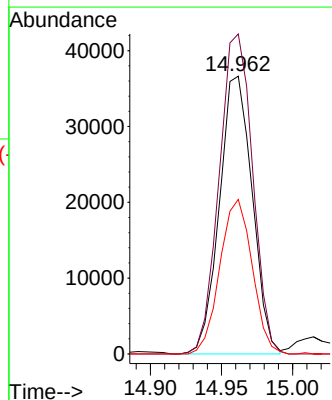
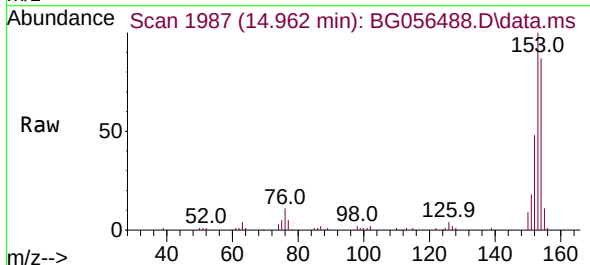
Manual Integrations  
APPROVED

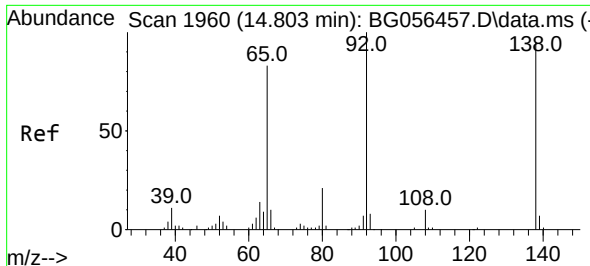
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



#52  
Acenaphthene  
Concen: 9.743 ng  
RT: 14.962 min Scan# 1987  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

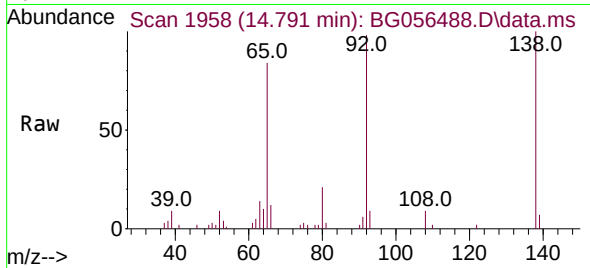
Tgt Ion:154 Resp: 58860  
Ion Ratio Lower Upper  
154 100  
153 115.3 93.4 140.0  
152 55.7 43.4 65.2





#53  
3-Nitroaniline  
Concen: 9.188 ng  
RT: 14.791 min Scan# 1958  
Delta R.T. -0.006 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

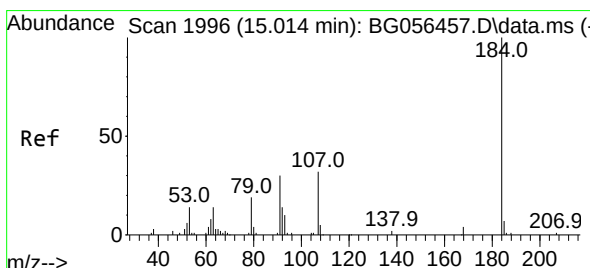
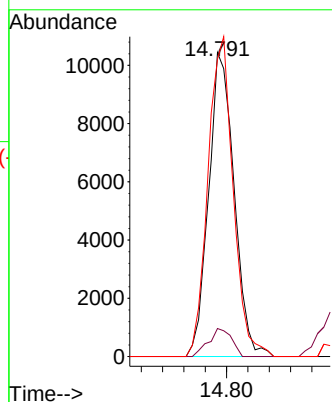
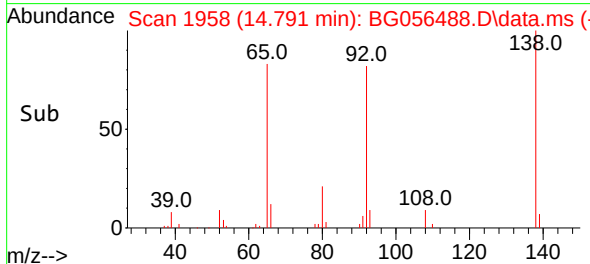
Instrument : BNA\_G  
ClientSampleId : LOD-MDL-SOIL-01-QT4-2022



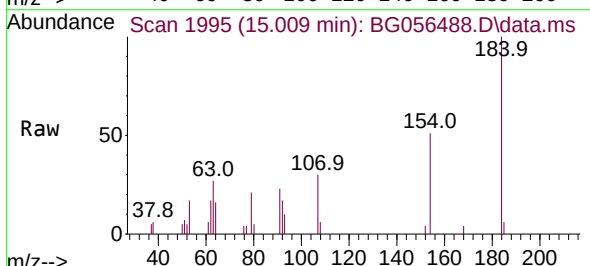
Tgt Ion:138 Resp: 17358  
Ion Ratio Lower Upper  
138 100  
108 9.2 8.0 12.0  
92 97.8 84.1 126.1

Manual Integrations  
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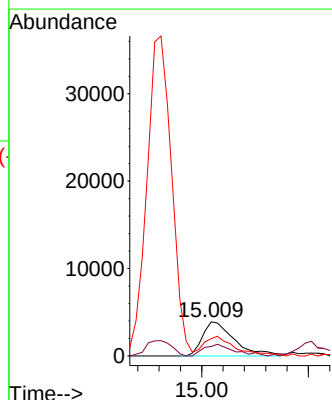
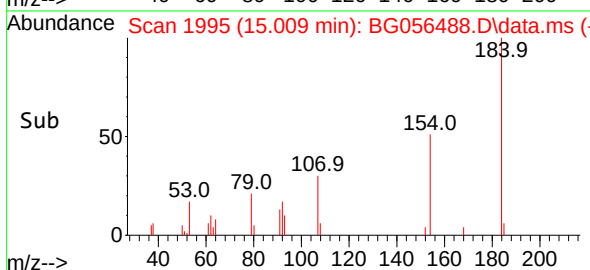
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023

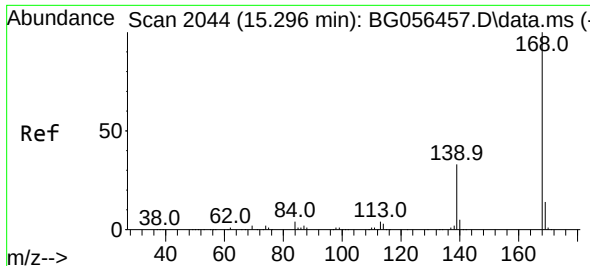


#54  
2,4-Dinitrophenol  
Concen: 6.620 ng  
RT: 15.009 min Scan# 1995  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52



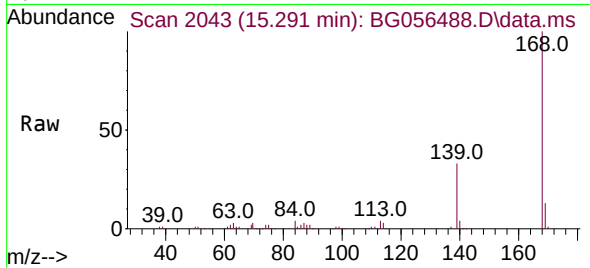
Tgt Ion:184 Resp: 8087  
Ion Ratio Lower Upper  
184 100  
63 27.4 25.1 37.7  
154 50.7 44.8 67.2





#55  
Dibenzofuran  
Concen: 9.928 ng  
RT: 15.291 min Scan# 2044  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

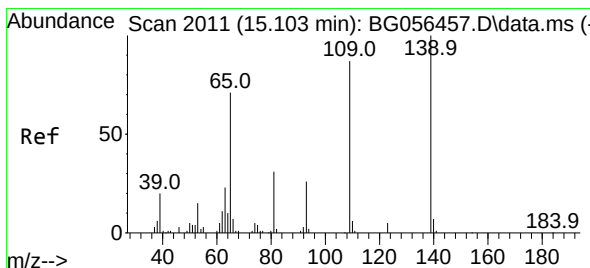
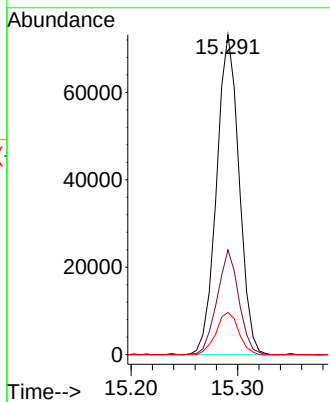
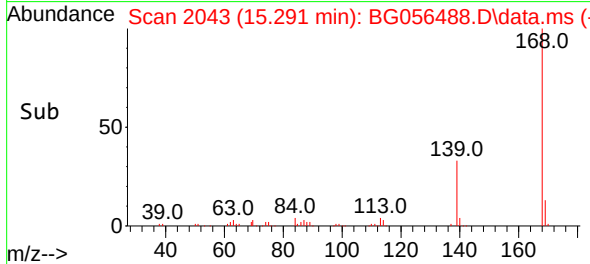
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2022



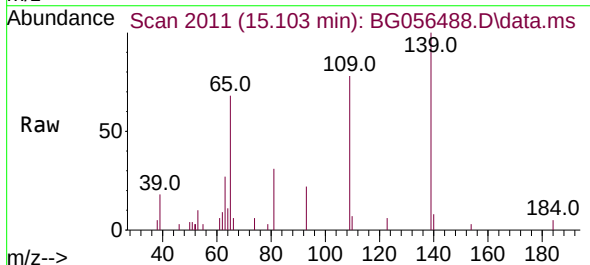
Tgt Ion:168 Resp: 107563  
Ion Ratio Lower Upper  
168 100  
139 32.7 26.2 39.2  
169 13.2 11.0 16.6

Manual Integrations  
APPROVED

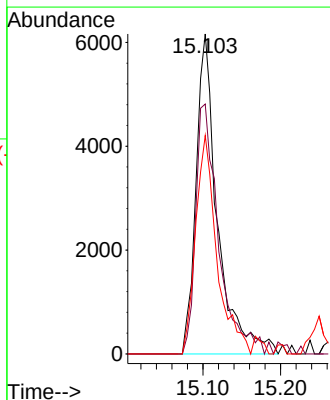
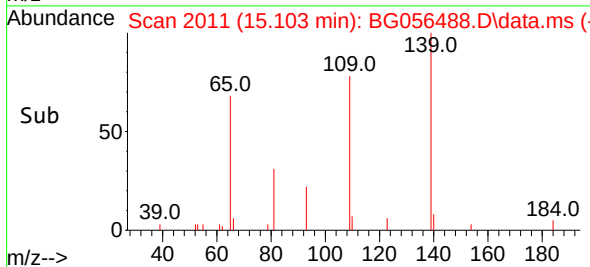
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023

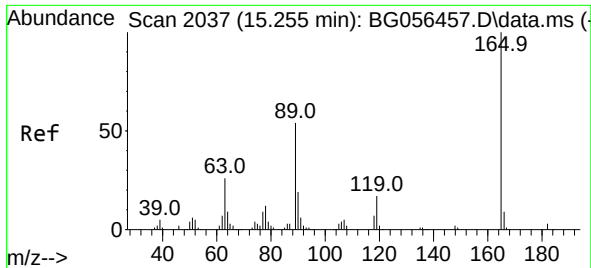


#56  
4-Nitrophenol  
Concen: 9.167 ng  
RT: 15.103 min Scan# 2011  
Delta R.T. 0.006 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52



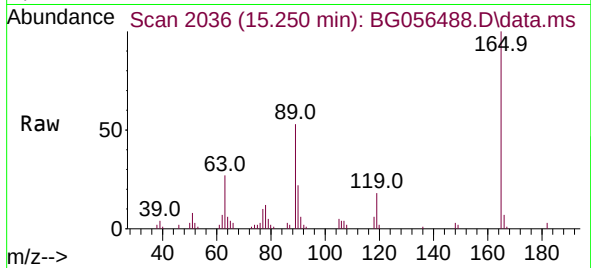
Tgt Ion:139 Resp: 11833  
Ion Ratio Lower Upper  
139 100  
109 78.1 67.5 107.5  
65 68.2 50.7 90.7





#57  
2,4-Dinitrotoluene  
Concen: 9.855 ng  
RT: 15.250 min Scan# 2037  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

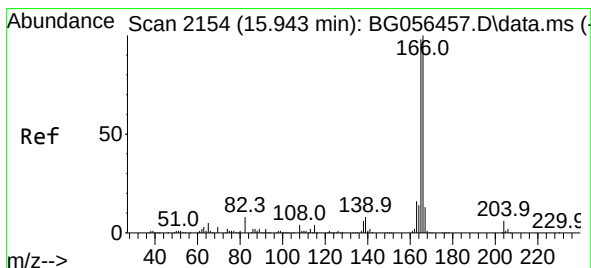
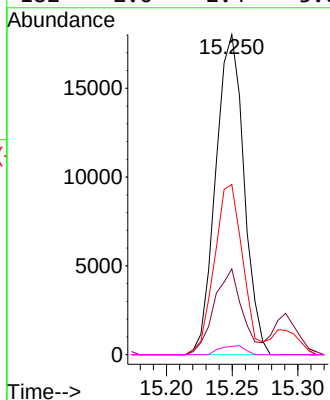
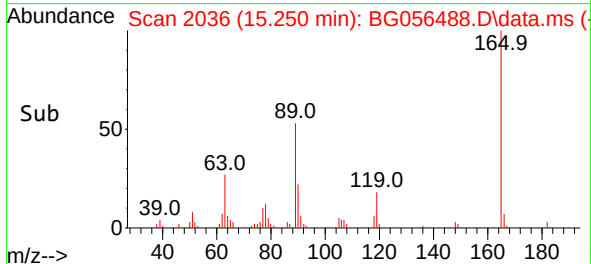
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2022



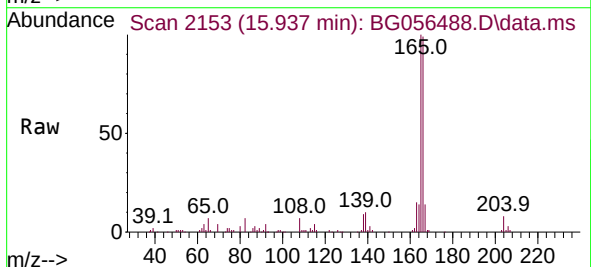
Tgt Ion:165 Resp: 27049  
Ion Ratio Lower Upper  
165 100  
63 26.8 20.6 31.0  
89 53.2 43.1 64.7  
182 2.6 2.4 3.6

Manual Integrations  
APPROVED

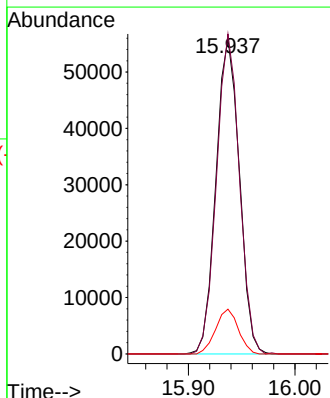
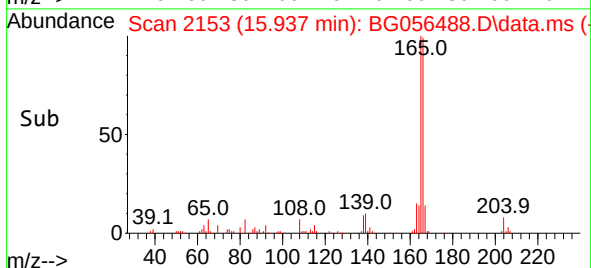
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



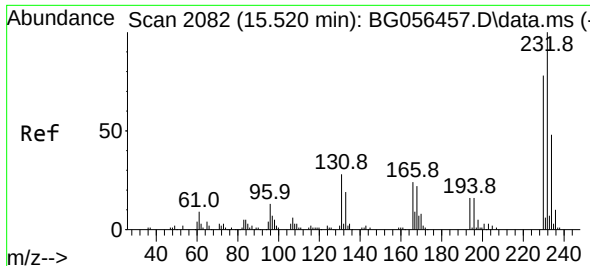
#58  
Fluorene  
Concen: 9.896 ng  
RT: 15.937 min Scan# 2153  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52



Tgt Ion:166 Resp: 85316  
Ion Ratio Lower Upper  
166 100  
165 101.5 78.8 118.2  
167 14.2 10.6 15.8

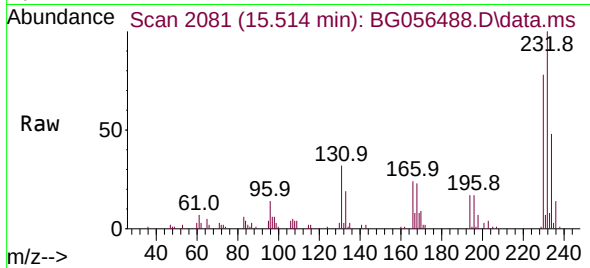






#59  
2,3,4,6-Tetrachlorophenol  
Concen: 9.626 ng m  
RT: 15.514 min Scan# 2081  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

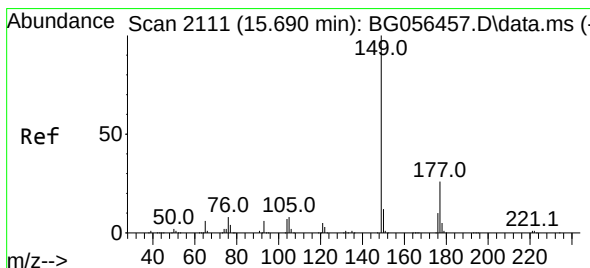
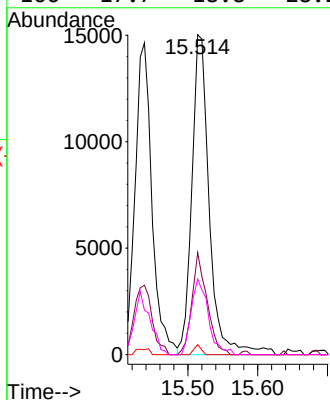
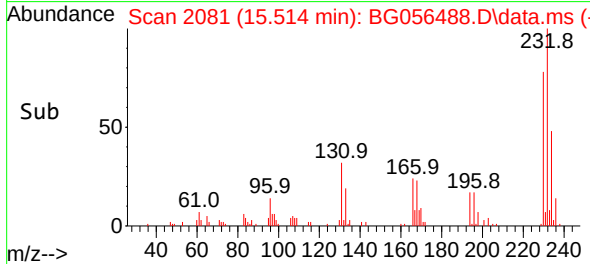
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2022



Tgt Ion:232 Resp: 26056  
Ion Ratio Lower Upper  
232 100  
131 22.4 22.8 34.2  
130 1.3 1.4 2.0  
166 17.7 18.8 28.2

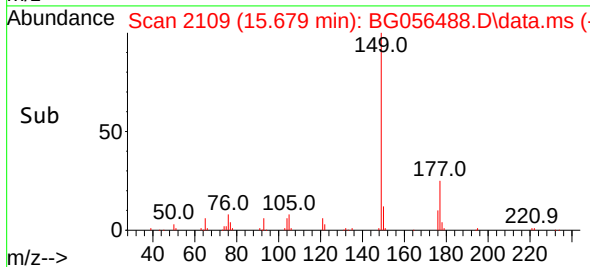
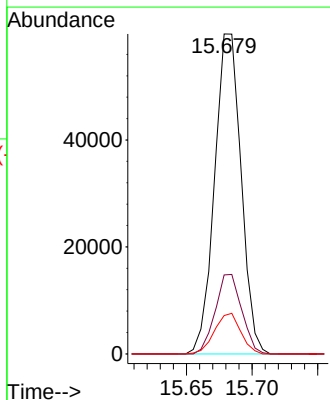
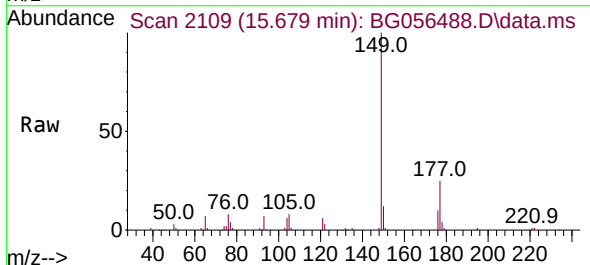
Manual Integrations  
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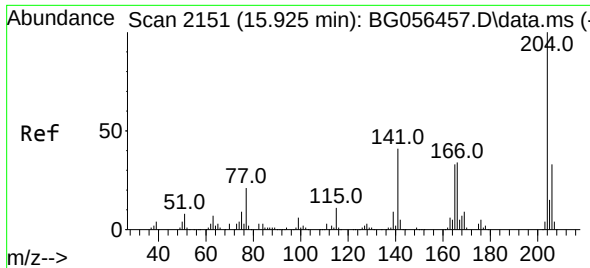
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



#60  
Diethylphthalate  
Concen: 10.043 ng  
RT: 15.679 min Scan# 2109  
Delta R.T. -0.006 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

Tgt Ion:149 Resp: 84268  
Ion Ratio Lower Upper  
149 100  
177 24.7 21.0 31.4  
150 12.0 9.9 14.9





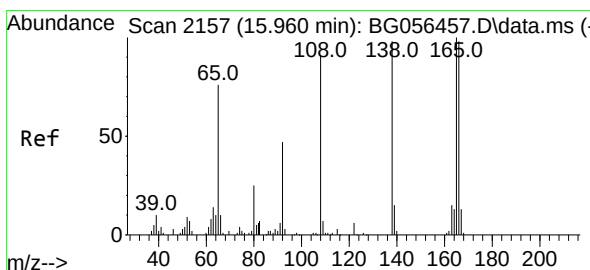
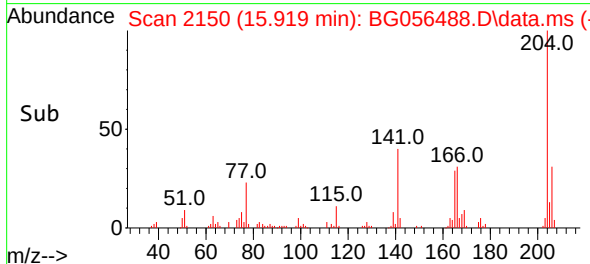
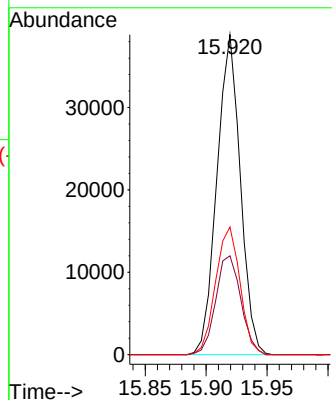
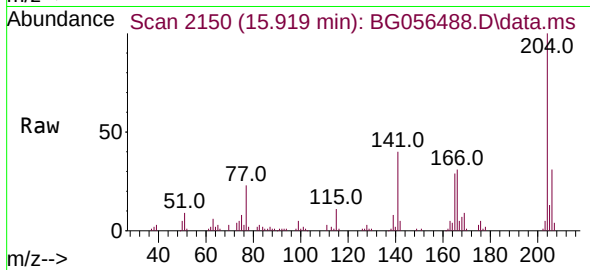
#61  
4-Chlorophenyl-phenylether  
Concen: 9.851 ng  
RT: 15.919 min Scan# 2151  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2022

Tgt Ion:204 Resp: 51825  
Ion Ratio Lower Upper  
204 100  
206 30.9 26.2 39.4  
141 39.9 32.7 49.1

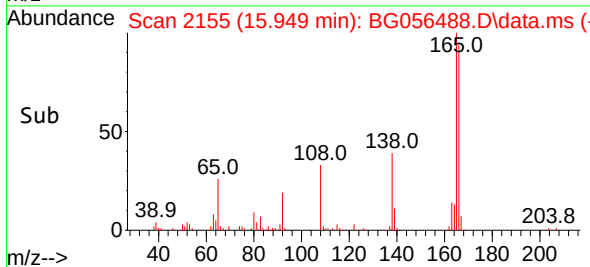
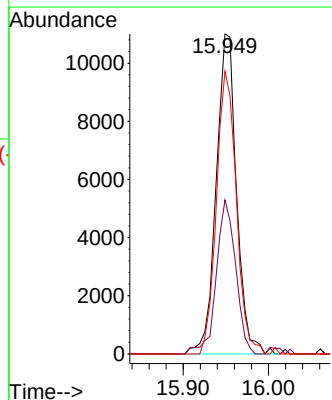
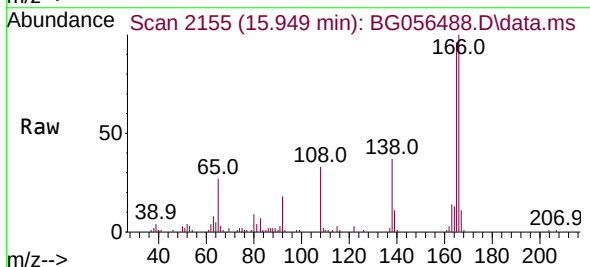
Manual Integrations  
APPROVED

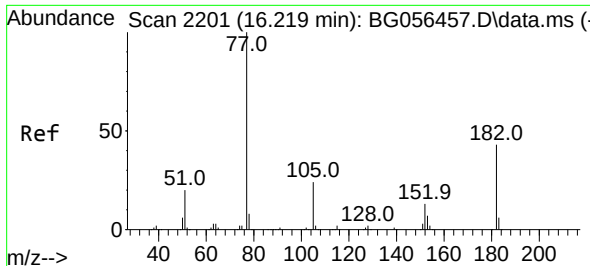
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



#62  
4-Nitroaniline  
Concen: 9.659 ng  
RT: 15.949 min Scan# 2155  
Delta R.T. -0.012 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

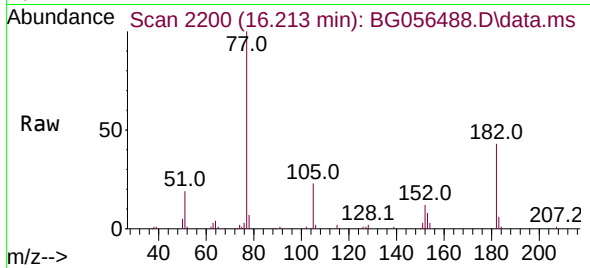
Tgt Ion:138 Resp: 18258  
Ion Ratio Lower Upper  
138 100  
92 48.1 27.8 67.8  
108 88.3 72.6 112.6





#63  
Azobenzene  
Concen: 9.990 ng  
RT: 16.213 min Scan# 2201  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

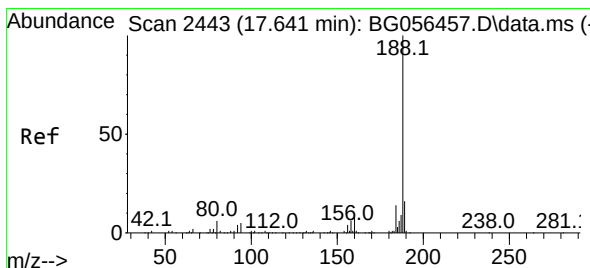
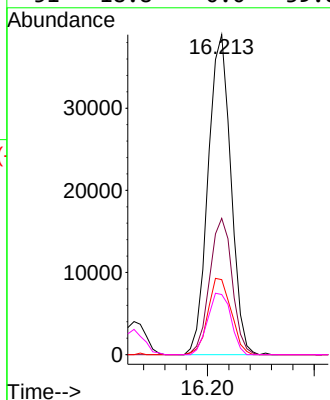
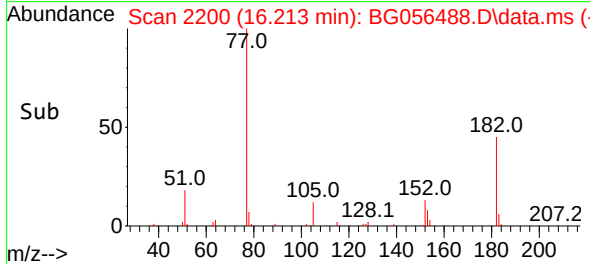
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2022



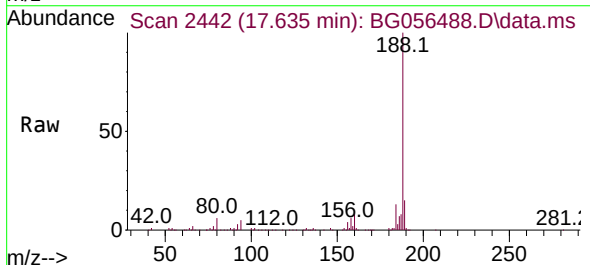
Tgt Ion: 77 Resp: 57678  
Ion Ratio Lower Upper  
77 100  
182 42.6 23.1 63.1  
105 23.4 4.2 44.2  
51 18.8 0.0 39.8

Manual Integrations  
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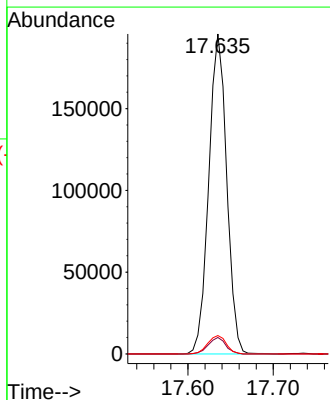
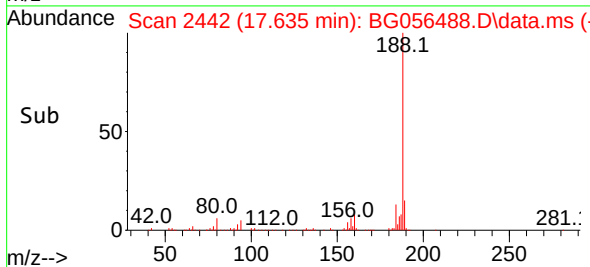
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023

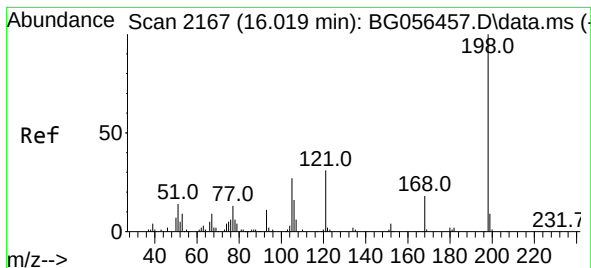


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.635 min Scan# 2442  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52



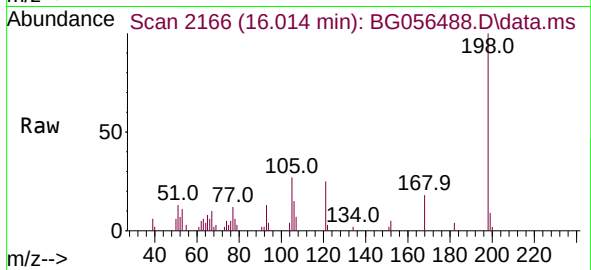
Tgt Ion:188 Resp: 285675  
Ion Ratio Lower Upper  
188 100  
94 5.1 4.1 6.1  
80 5.7 5.0 7.4





#65  
4,6-Dinitro-2-methylphenol  
Concen: 8.153 ng  
RT: 16.014 min Scan# 2166  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

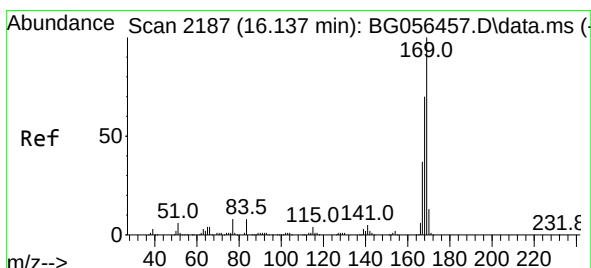
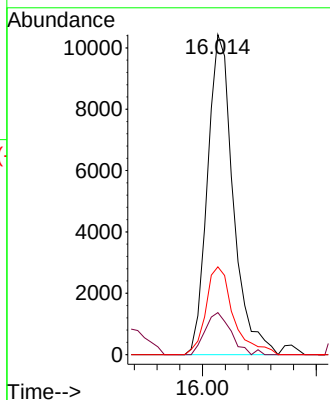
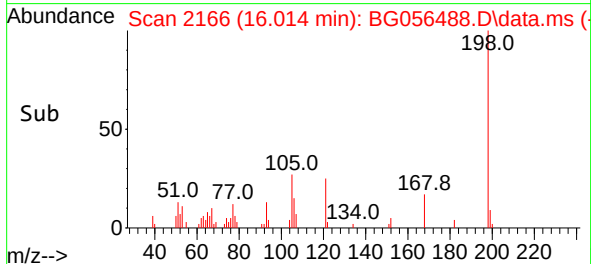
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2022



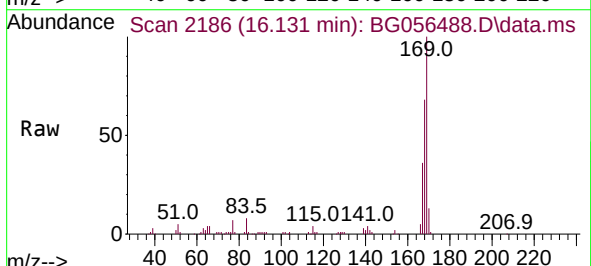
Tgt Ion:198 Resp: 16375  
Ion Ratio Lower Upper  
198 100  
51 13.1 0.0 35.0  
105 27.4 7.4 47.4

Manual Integrations  
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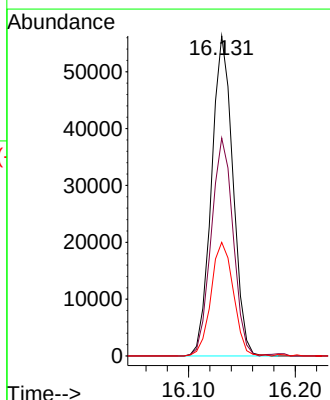
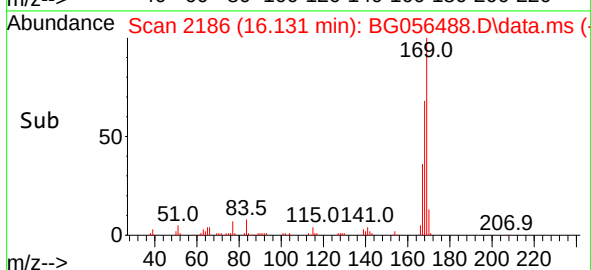
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023

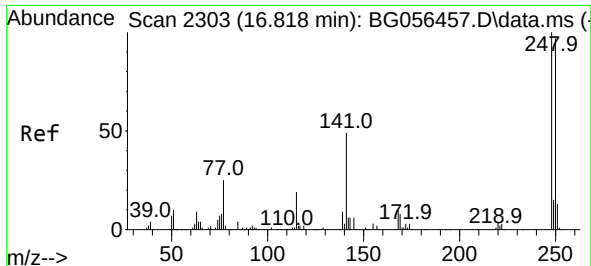


#66  
n-Nitrosodiphenylamine  
Concen: 9.734 ng  
RT: 16.131 min Scan# 2186  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52



Tgt Ion:169 Resp: 78730  
Ion Ratio Lower Upper  
169 100  
168 68.1 55.8 83.6  
167 35.5 29.8 44.8





#67

4-Bromophenyl-phenylether

Concen: 9.734 ng

RT: 16.813 min Scan# 2303

Delta R.T. 0.000 min

Lab File: BG056488.D

Acq: 31 Jan 2023 16:52

Instrument :

BNA\_G

ClientSampleId :

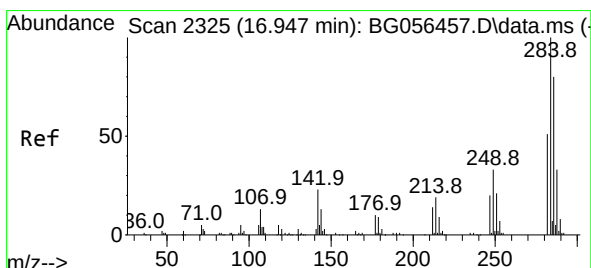
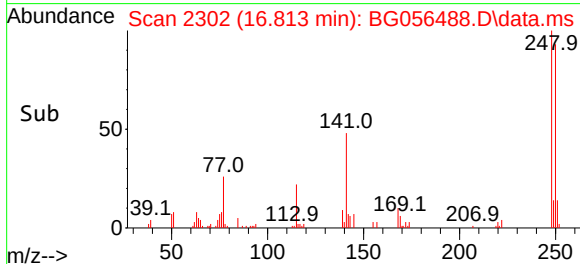
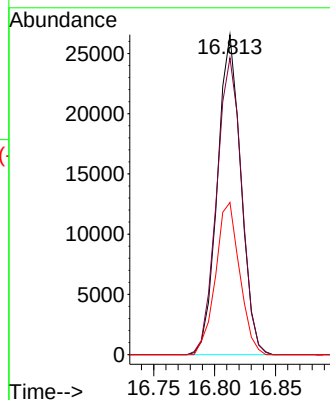
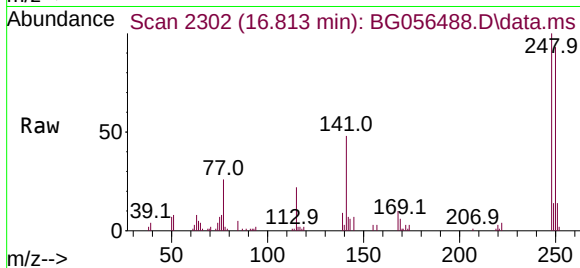
LOD-MDL-SOIL-01-QT4-2022

Tgt Ion:248 Resp: 35600  
 Ion Ratio Lower Upper  
 248 100  
 250 92.7 77.6 116.4  
 141 47.5 39.0 58.4

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Reviewed By :Christian Giraldo 02/01/2023  
 Supervised By :Jagrut Upadhyay 02/01/2023



#68

Hexachlorobenzene

Concen: 10.465 ng

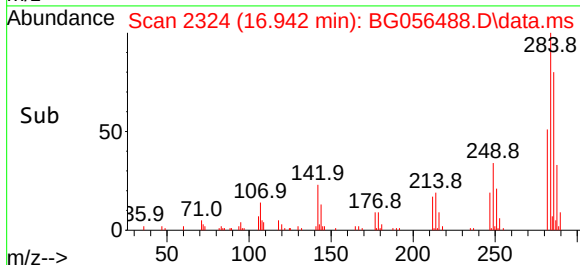
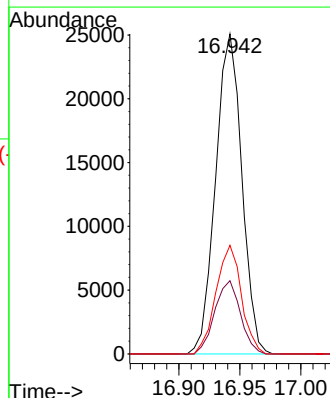
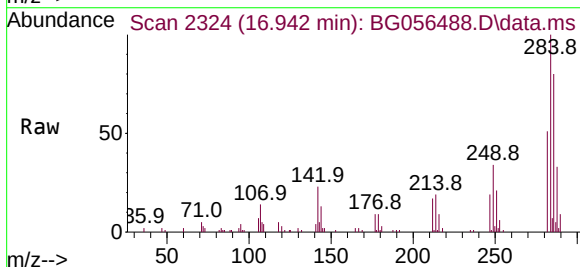
RT: 16.942 min Scan# 2324

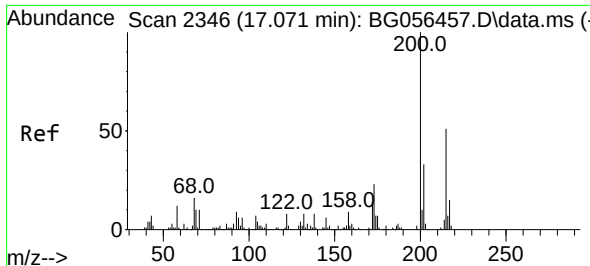
Delta R.T. 0.000 min

Lab File: BG056488.D

Acq: 31 Jan 2023 16:52

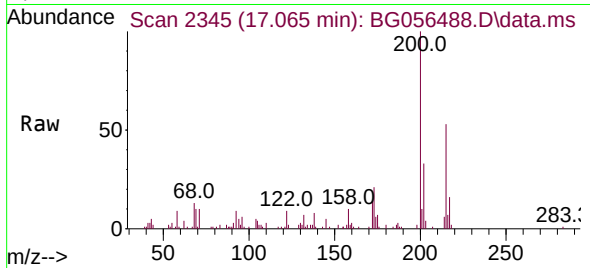
Tgt Ion:284 Resp: 37486  
 Ion Ratio Lower Upper  
 284 100  
 142 22.9 18.0 27.0  
 249 33.9 26.7 40.1





#69  
 Atrazine  
 Concen: 11.175 ng  
 RT: 17.065 min Scan# 2345  
 Delta R.T. -0.006 min  
 Lab File: BG056488.D  
 Acq: 31 Jan 2023 16:52

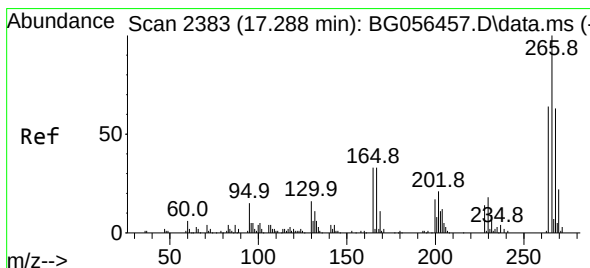
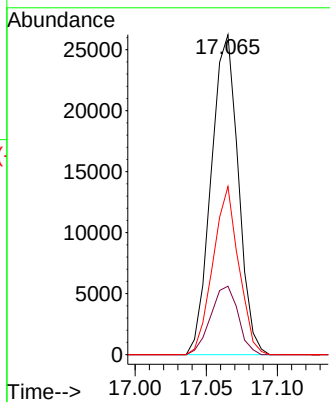
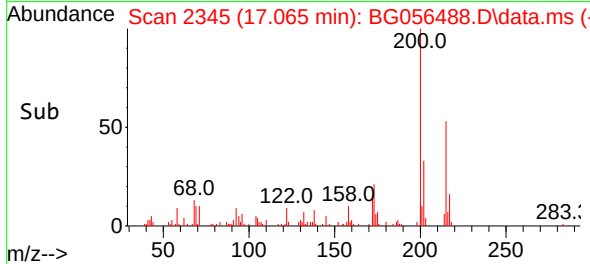
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT4-2022



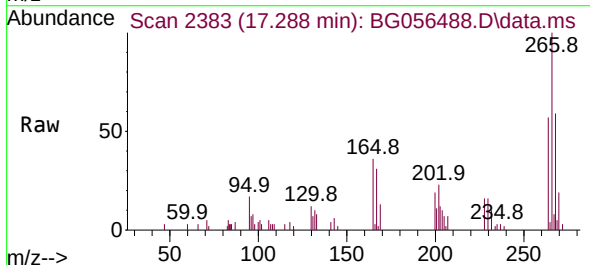
Tgt Ion:200 Resp: 34870  
 Ion Ratio Lower Upper  
 200 100  
 173 21.4 3.2 43.2  
 215 52.5 30.7 70.7

Manual Integrations  
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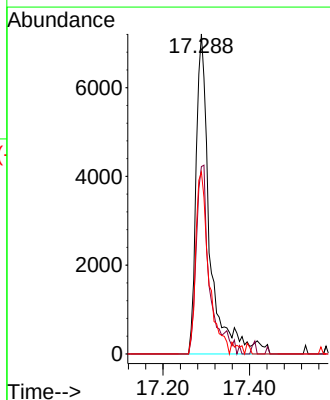
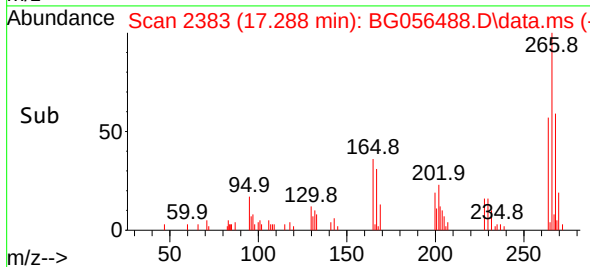
Reviewed By :Christian Giraldo 02/01/2023  
 Supervised By :Jagrut Upadhyay 02/01/2023

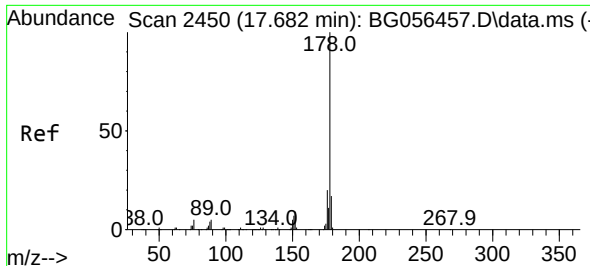


#70  
 Pentachlorophenol  
 Concen: 7.346 ng m  
 RT: 17.288 min Scan# 2383  
 Delta R.T. 0.006 min  
 Lab File: BG056488.D  
 Acq: 31 Jan 2023 16:52



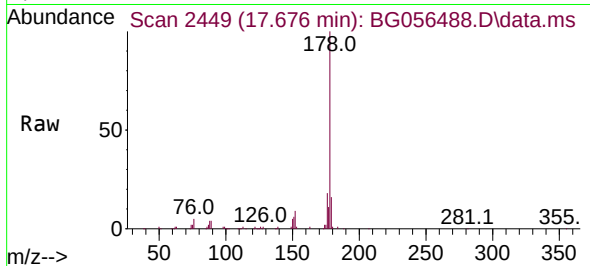
Tgt Ion:266 Resp: 15922  
 Ion Ratio Lower Upper  
 266 100  
 268 58.5 50.2 75.4  
 264 56.8 51.4 77.0





#71  
Phenanthrene  
Concen: 9.861 ng  
RT: 17.676 min Scan# 2449  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

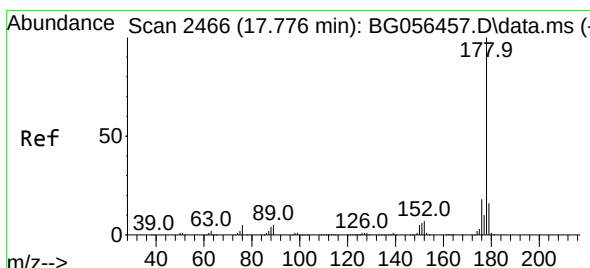
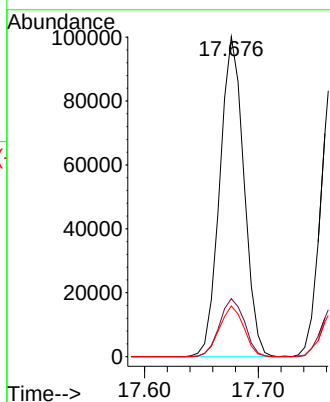
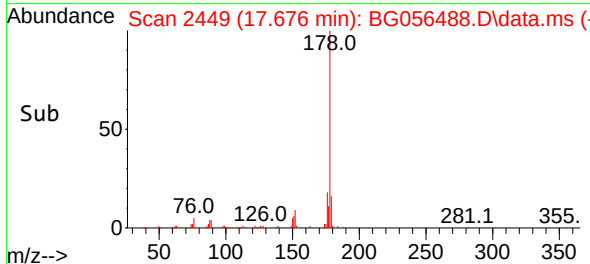
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2022



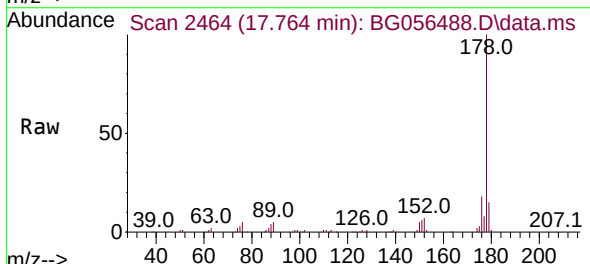
Tgt Ion:178 Resp: 147439  
Ion Ratio Lower Upper  
178 100  
176 18.1 15.6 23.4  
179 15.8 13.3 19.9

Manual Integrations  
APPROVED

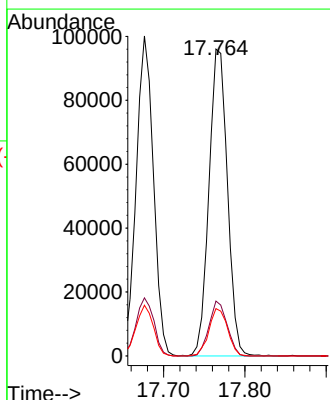
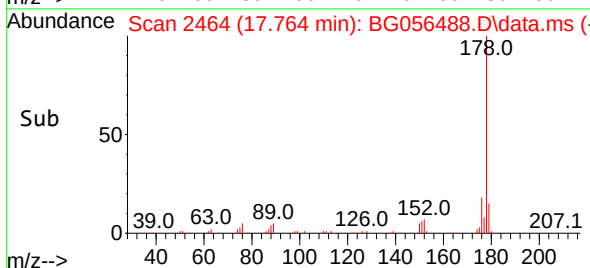
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023

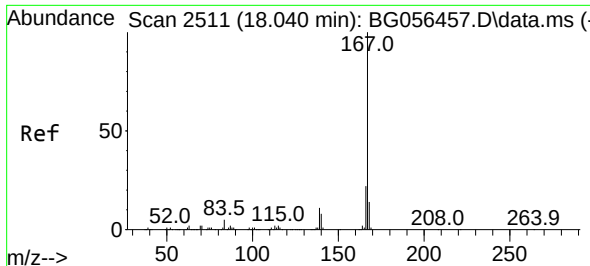


#72  
Anthracene  
Concen: 9.892 ng  
RT: 17.764 min Scan# 2464  
Delta R.T. -0.006 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52



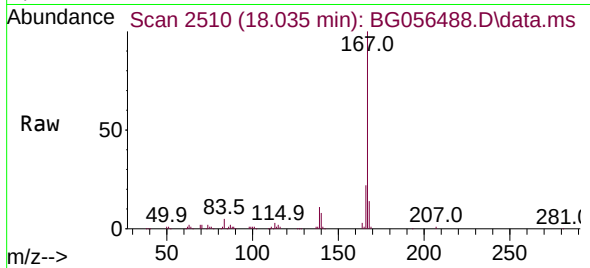
Tgt Ion:178 Resp: 151831  
Ion Ratio Lower Upper  
178 100  
176 17.9 14.5 21.7  
179 15.4 12.5 18.7





#73  
 Carbazole  
 Concen: 9.953 ng  
 RT: 18.035 min Scan# 2510  
 Delta R.T. 0.000 min  
 Lab File: BG056488.D  
 Acq: 31 Jan 2023 16:52

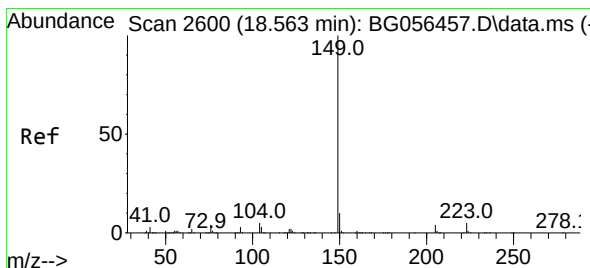
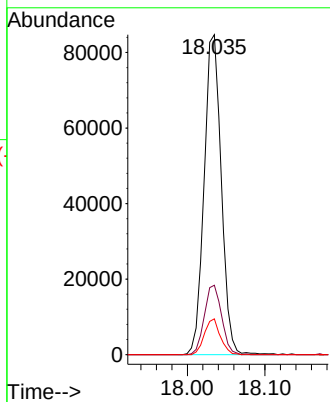
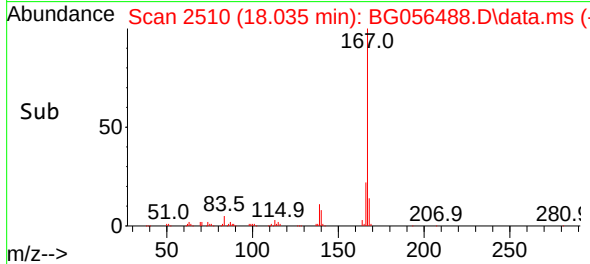
Instrument : BNA\_G  
 ClientSampleId : LOD-MDL-SOIL-01-QT4-2022



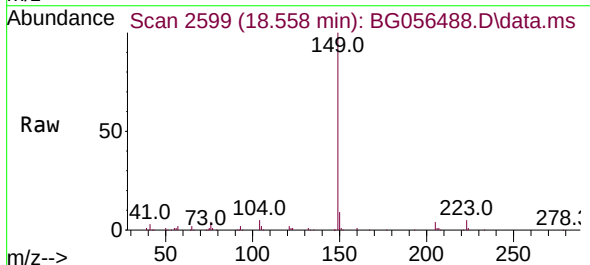
Tgt Ion:167 Resp: 130101  
 Ion Ratio Lower Upper  
 167 100  
 166 21.7 17.8 26.6  
 139 11.2 8.9 13.3

Manual Integrations  
 APPROVED

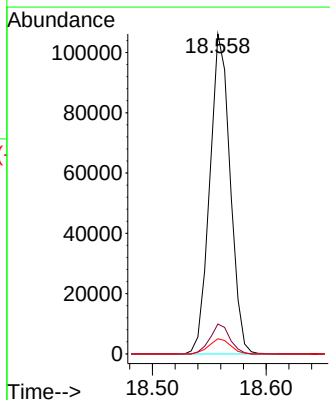
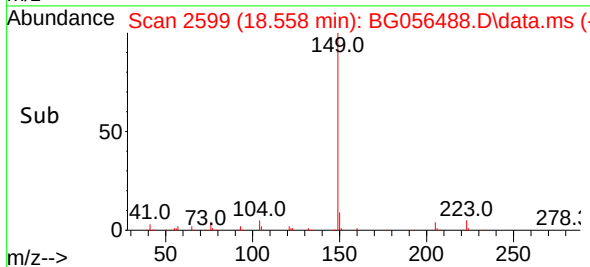
Reviewed By :Christian Giraldo 02/01/2023  
 Supervised By :Jagrut Upadhyay 02/01/2023



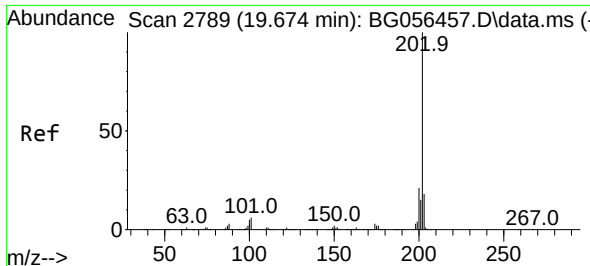
#74  
 Di-n-butylphthalate  
 Concen: 9.637 ng  
 RT: 18.558 min Scan# 2599  
 Delta R.T. -0.006 min  
 Lab File: BG056488.D  
 Acq: 31 Jan 2023 16:52



Tgt Ion:149 Resp: 132280  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.8 11.6  
 104 4.7 4.0 6.0

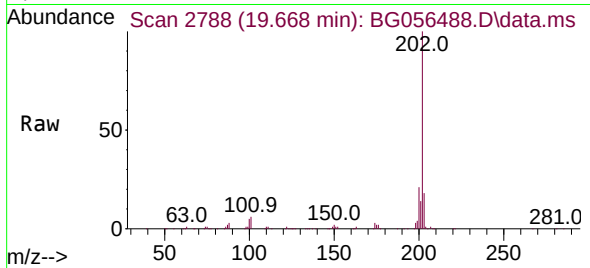






#75  
Fluoranthene  
Concen: 9.739 ng  
RT: 19.668 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

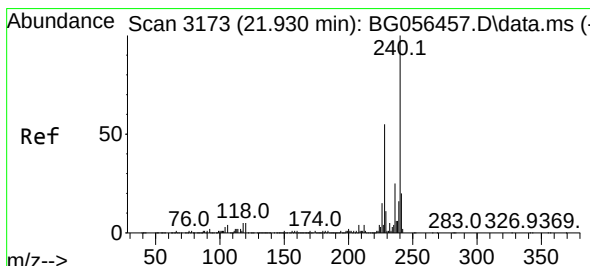
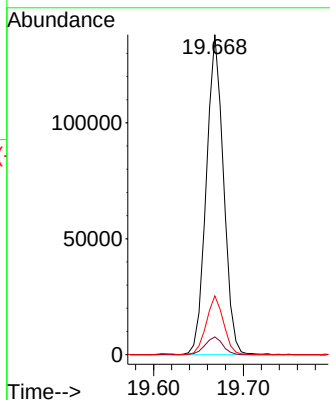
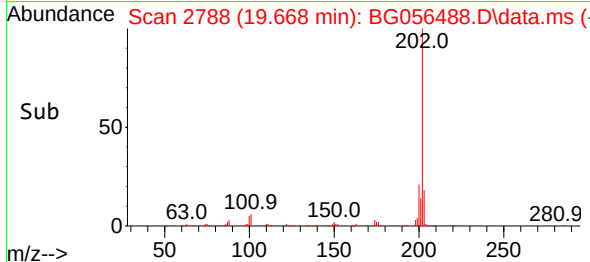
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2022



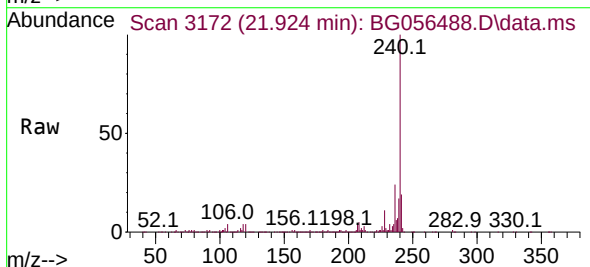
Tgt Ion:202 Resp: 183782  
Ion Ratio Lower Upper  
202 100  
101 5.6 0.0 25.6  
203 18.4 0.0 38.1

Manual Integrations  
APPROVED

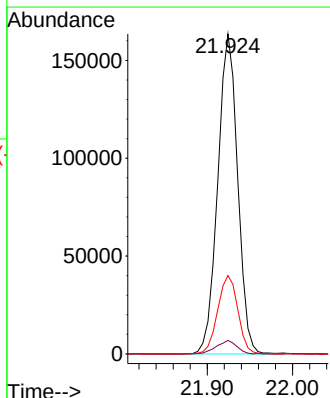
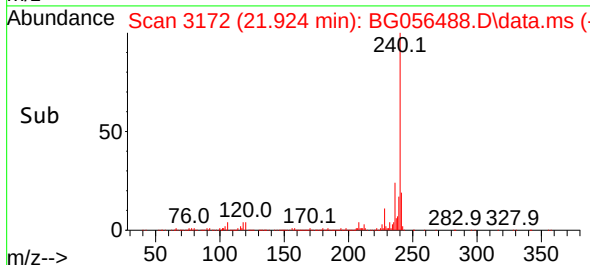
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023

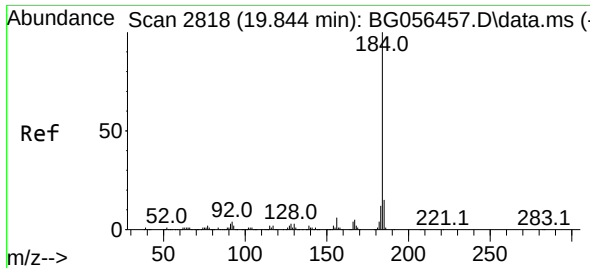


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.924 min Scan# 3172  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52



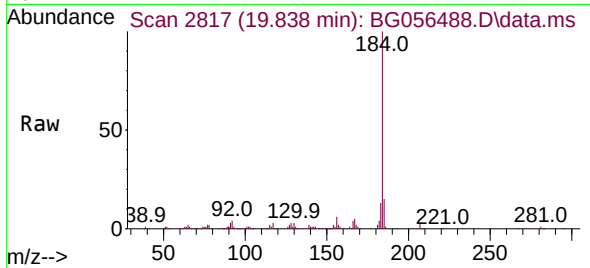
Tgt Ion:240 Resp: 264862  
Ion Ratio Lower Upper  
240 100  
120 4.2 3.8 5.8  
236 24.5 20.2 30.2





#77  
Benzidine  
Concen: 13.761 ng  
RT: 19.838 min Scan# 2817  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

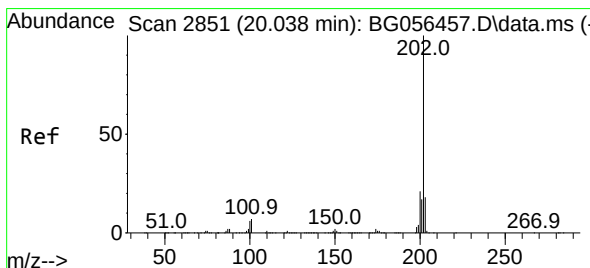
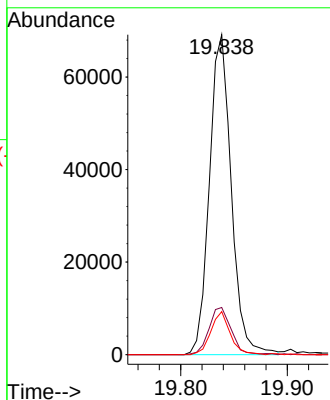
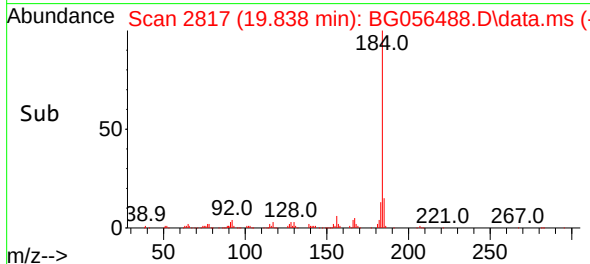
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2022



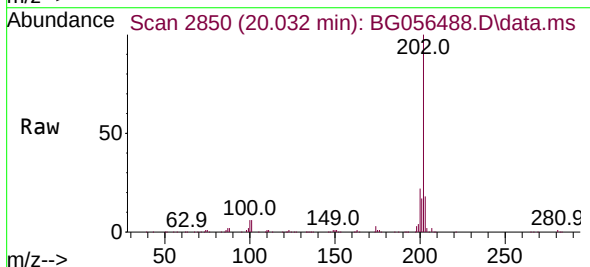
Tgt Ion:184 Resp: 98632  
Ion Ratio Lower Upper  
184 100  
185 14.7 12.3 18.5  
183 13.4 9.8 14.8

Manual Integrations  
APPROVED

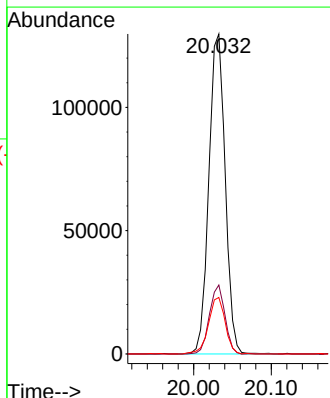
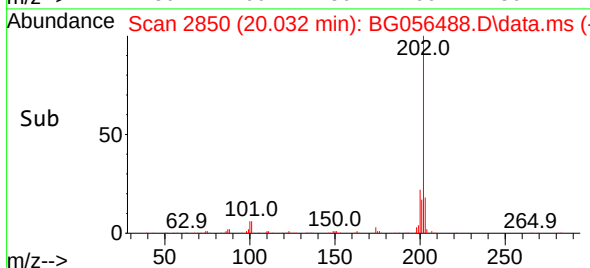
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023

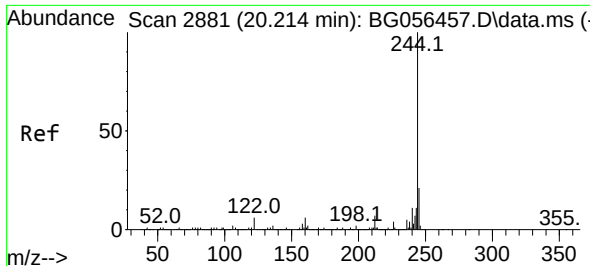


#78  
Pyrene  
Concen: 10.053 ng  
RT: 20.032 min Scan# 2850  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52



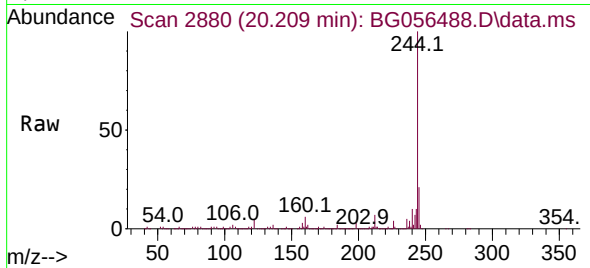
Tgt Ion:202 Resp: 189373  
Ion Ratio Lower Upper  
202 100  
200 21.5 16.7 25.1  
203 17.7 14.4 21.6





#79  
Terphenyl-d14  
Concen: 76.146 ng  
RT: 20.209 min Scan# 2880  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

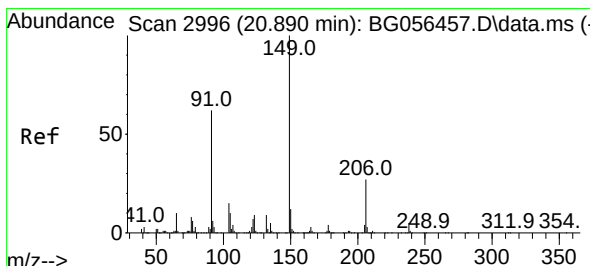
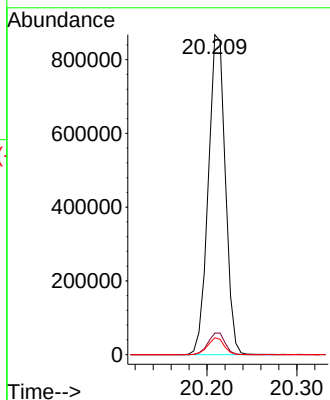
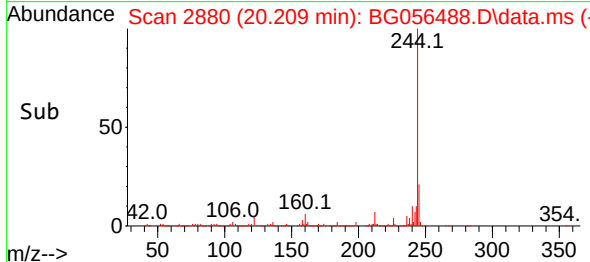
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2022



Tgt Ion:244 Resp: 1148289  
Ion Ratio Lower Upper  
244 100  
212 6.7 5.5 8.3  
122 5.3 4.4 6.6

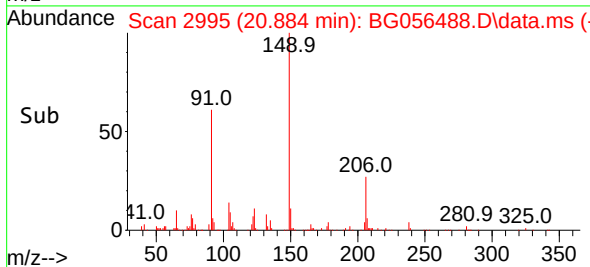
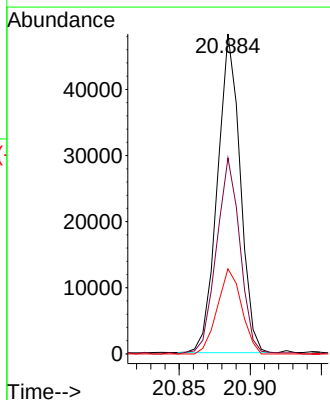
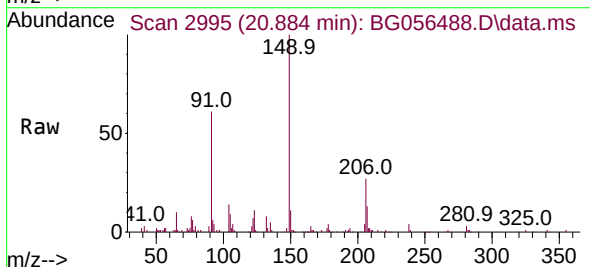
Manual Integrations  
APPROVED

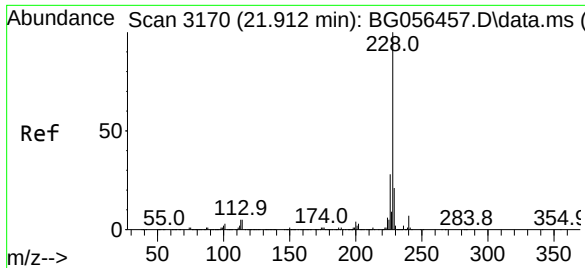
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



#80  
Butylbenzylphthalate  
Concen: 9.334 ng  
RT: 20.884 min Scan# 2995  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

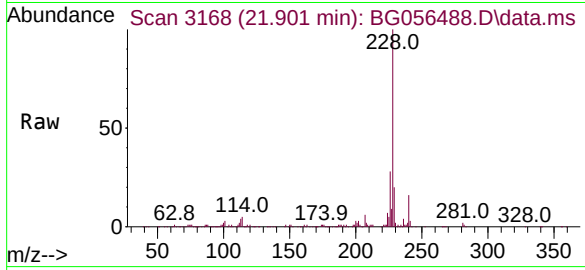
Tgt Ion:149 Resp: 53701  
Ion Ratio Lower Upper  
149 100  
91 61.2 49.4 74.0  
206 26.6 22.0 33.0





#81  
Benzo(a)anthracene  
Concen: 9.933 ng  
RT: 21.901 min Scan# 3168  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

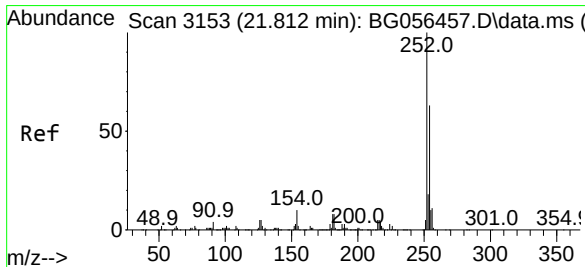
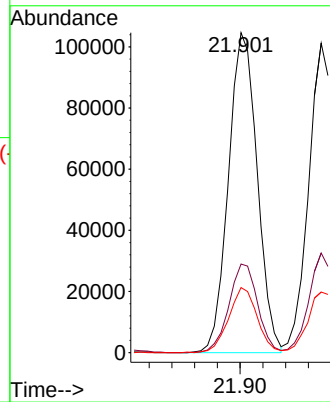
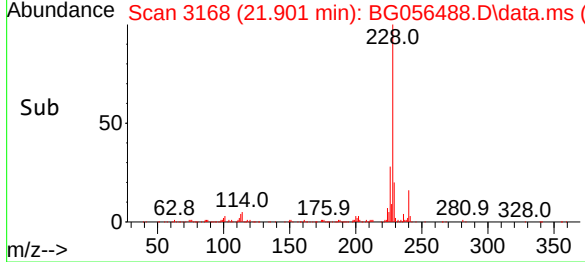
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2022



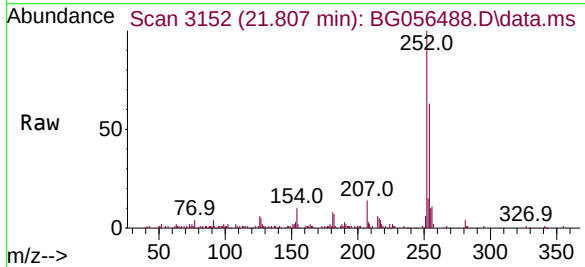
Tgt Ion:228 Resp: 183925  
Ion Ratio Lower Upper  
228 100  
226 27.7 22.4 33.6  
229 20.3 16.5 24.7

Manual Integrations  
APPROVED

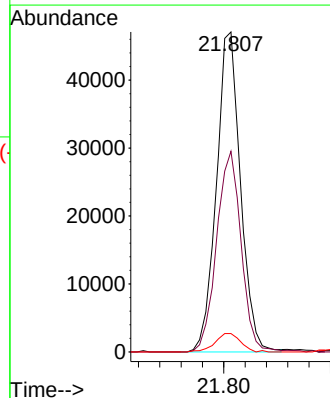
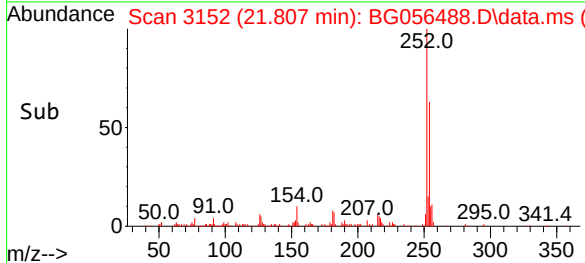
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023

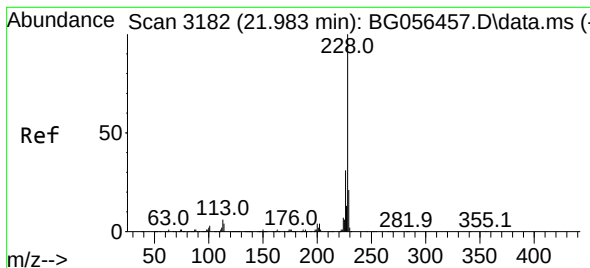


#82  
3,3'-Dichlorobenzidine  
Concen: 11.089 ng  
RT: 21.807 min Scan# 3152  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52



Tgt Ion:252 Resp: 73945  
Ion Ratio Lower Upper  
252 100  
254 62.7 50.0 75.0  
126 5.7 4.3 6.5





#83

Chrysene

Concen: 9.561 ng

RT: 21.971 min Scan# 3180

Delta R.T. -0.006 min

Lab File: BG056488.D

Acq: 31 Jan 2023 16:52

Instrument :

BNA\_G

ClientSampleId :

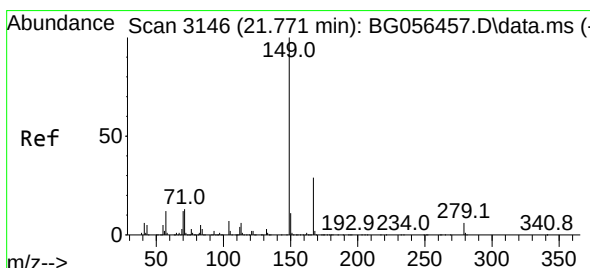
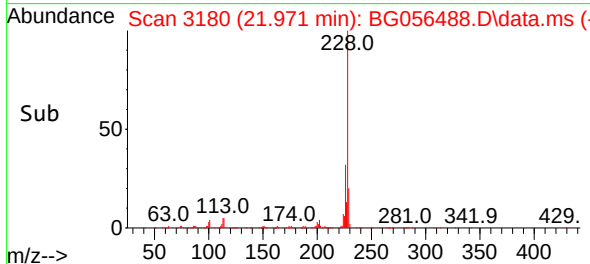
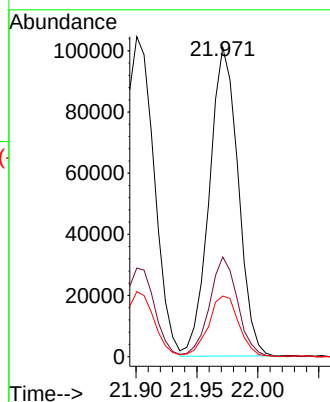
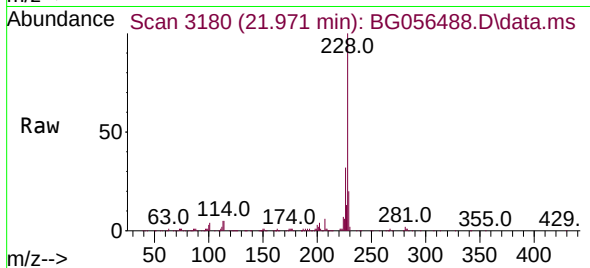
LOD-MDL-SOIL-01-QT4-2022

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 166319 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 32.2  | 25.0  | 37.4   |
| 229       | 19.6  | 16.4  | 24.6   |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.444 ng

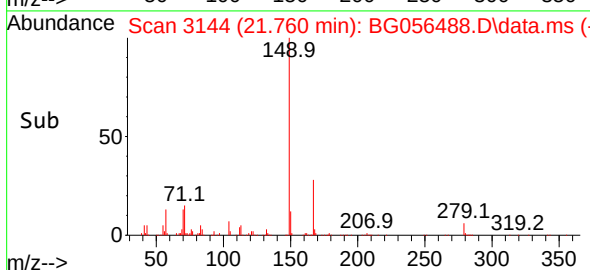
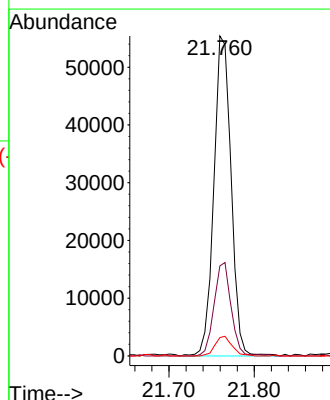
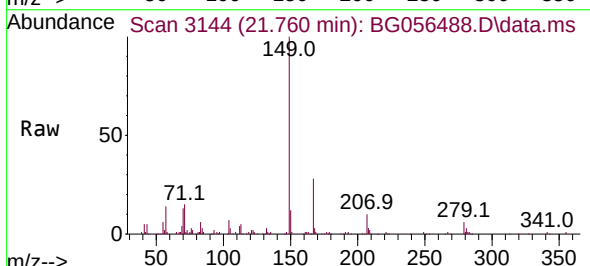
RT: 21.760 min Scan# 3144

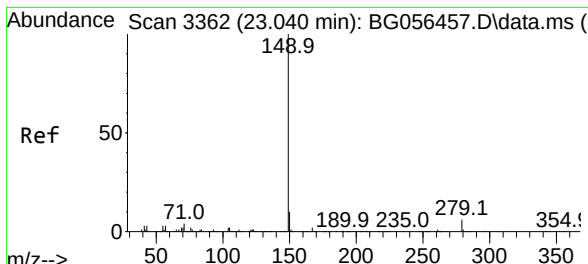
Delta R.T. -0.006 min

Lab File: BG056488.D

Acq: 31 Jan 2023 16:52

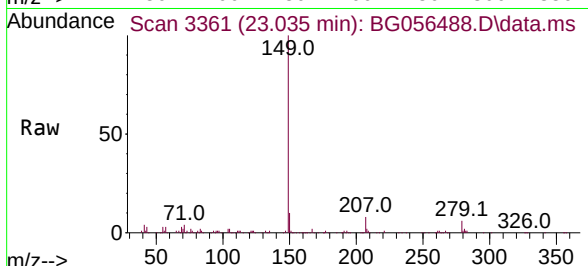
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 77899 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 167       | 28.1  | 23.4  | 35.2  |
| 279       | 5.7   | 4.4   | 6.6   |





#85  
Di-n-octyl phthalate  
Concen: 9.458 ng  
RT: 23.035 min Scan# 3362  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

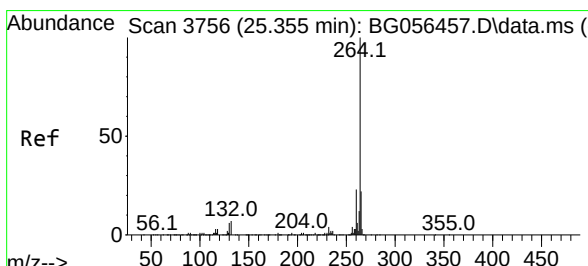
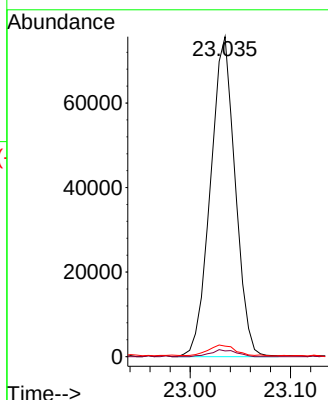
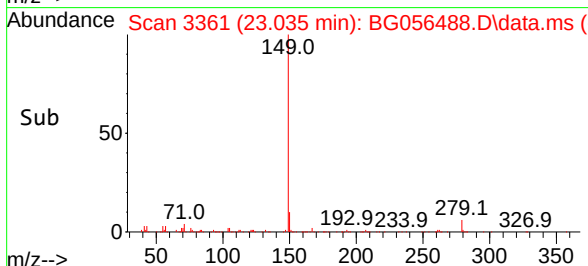
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2022



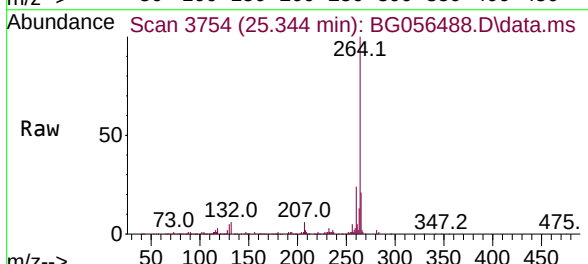
Tgt Ion:149 Resp: 129914  
Ion Ratio Lower Upper  
149 100  
167 2.2 1.4 2.0  
43 3.8 2.7 4.1

Manual Integrations  
APPROVED

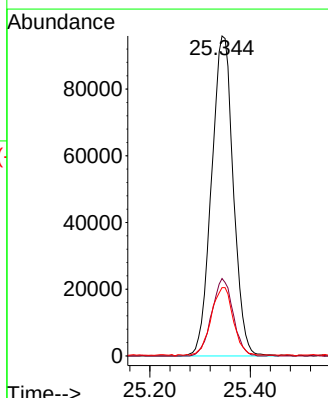
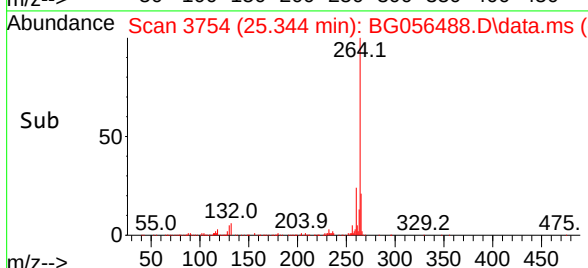
Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023

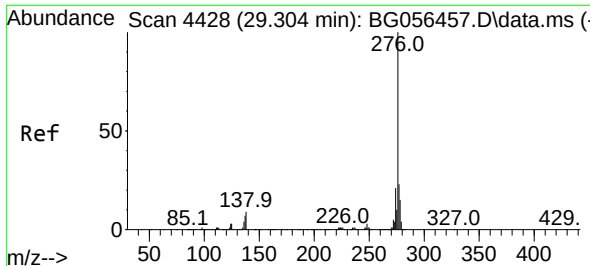


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.344 min Scan# 3754  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52



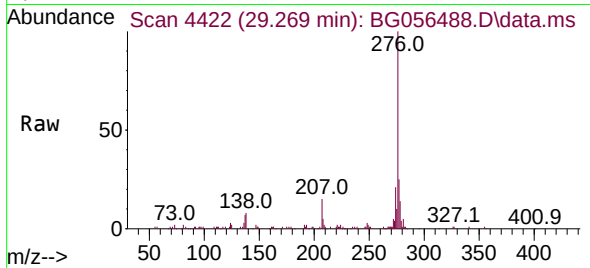
Tgt Ion:264 Resp: 288198  
Ion Ratio Lower Upper  
264 100  
260 24.2 18.2 27.4  
265 21.3 18.1 27.1





#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 9.624 ng  
 RT: 29.269 min Scan# 4428  
 Delta R.T. -0.012 min  
 Lab File: BG056488.D  
 Acq: 31 Jan 2023 16:52

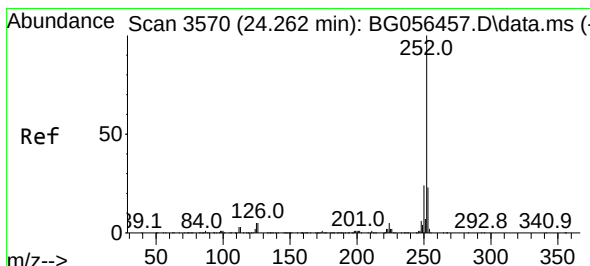
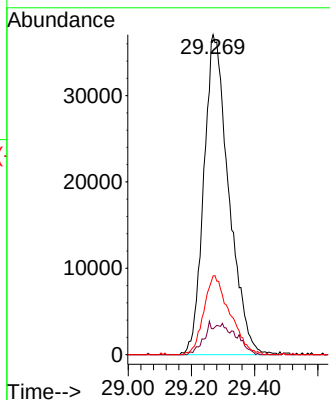
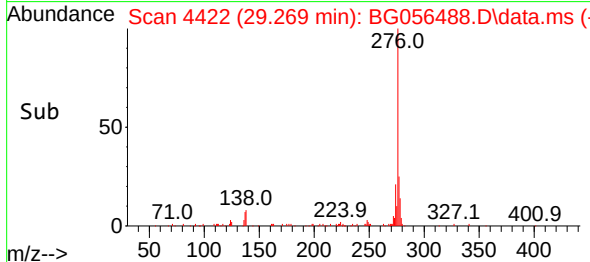
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-MDL-SOIL-01-QT4-2022



Tgt Ion:276 Resp: 203026  
 Ion Ratio Lower Upper  
 276 100  
 138 3.9 9.4 14.2  
 277 25.8 20.3 30.5

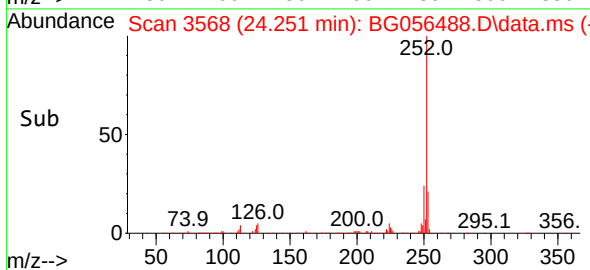
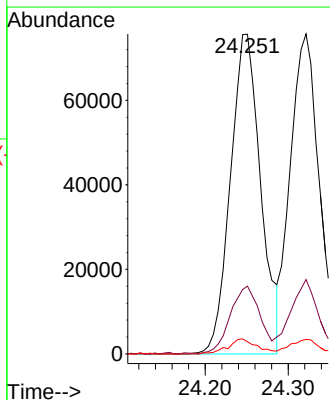
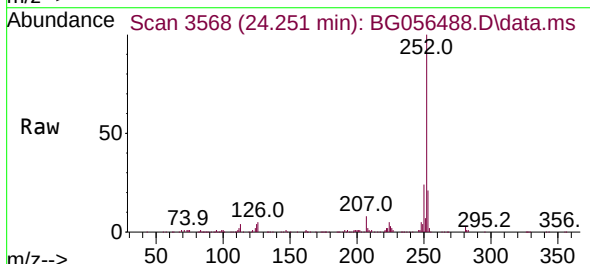
Manual Integrations  
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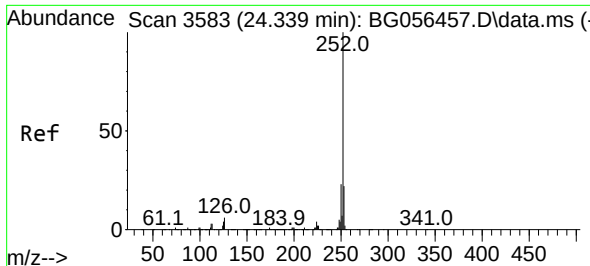
Reviewed By :Christian Giraldo 02/01/2023  
 Supervised By :Jagrut Upadhyay 02/01/2023



#88  
 Benzo(b)fluoranthene  
 Concen: 10.733 ng m  
 RT: 24.251 min Scan# 3568  
 Delta R.T. 0.000 min  
 Lab File: BG056488.D  
 Acq: 31 Jan 2023 16:52

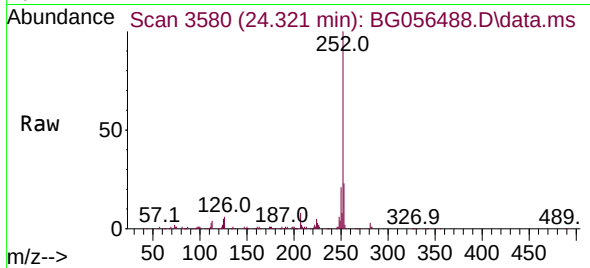
Tgt Ion:252 Resp: 191988  
 Ion Ratio Lower Upper  
 252 100  
 253 21.2 18.1 27.1  
 125 3.8 3.9 5.9





#89  
Benzo(k)fluoranthene  
Concen: 10.044 ng  
RT: 24.321 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

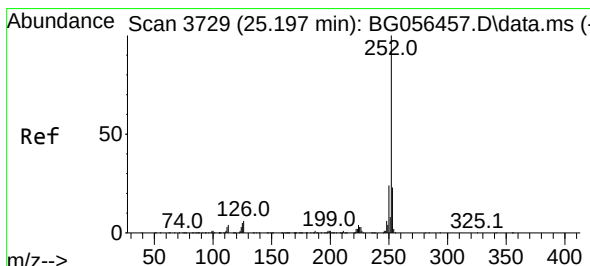
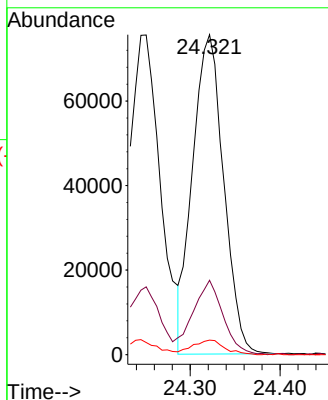
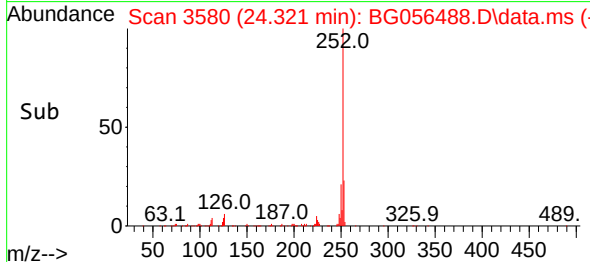
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-MDL-SOIL-01-QT4-2022



Tgt Ion:252 Resp: 181395  
Ion Ratio Lower Upper  
252 100  
253 23.2 17.5 26.3  
125 4.5 3.4 5.0

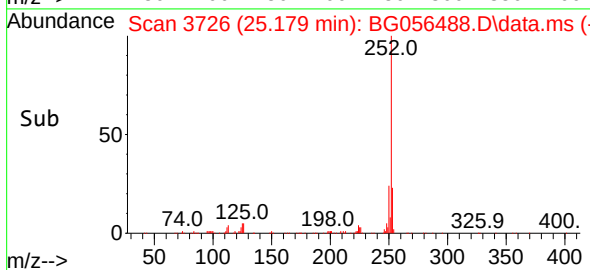
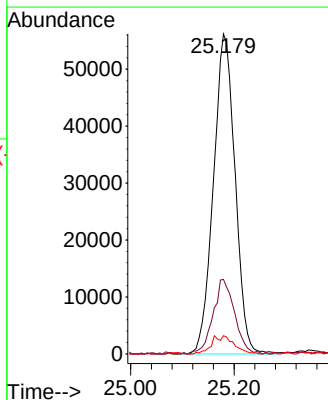
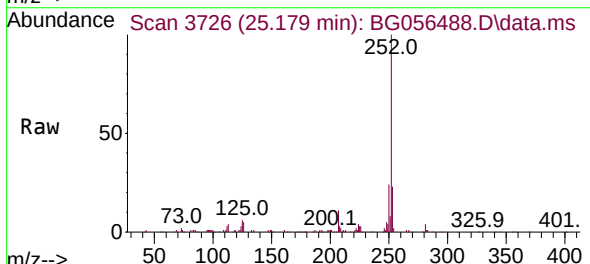
Manual Integrations  
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Reviewed By :Christian Giraldo 02/01/2023  
Supervised By :Jagrut Upadhyay 02/01/2023

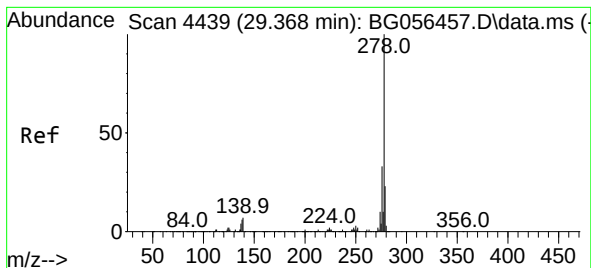


#90  
Benzo(a)pyrene  
Concen: 9.295 ng  
RT: 25.179 min Scan# 3726  
Delta R.T. -0.006 min  
Lab File: BG056488.D  
Acq: 31 Jan 2023 16:52

Tgt Ion:252 Resp: 163779  
Ion Ratio Lower Upper  
252 100  
253 23.3 18.4 27.6  
125 5.7 4.1 6.1







#91

Dibenzo(a,h)anthracene

Concen: 10.102 ng

RT: 29.339 min Scan# 4439

Delta R.T. -0.006 min

Lab File: BG056488.D

Acq: 31 Jan 2023 16:52

Instrument :

BNA\_G

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2022

Tgt Ion:278 Resp: 178894

Ion Ratio Lower Upper

278 100

139 8.4 5.5 8.3

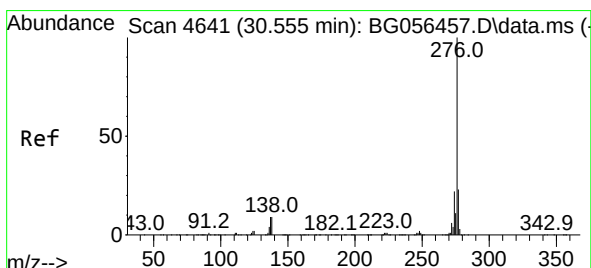
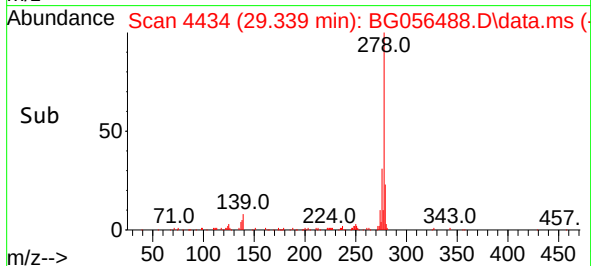
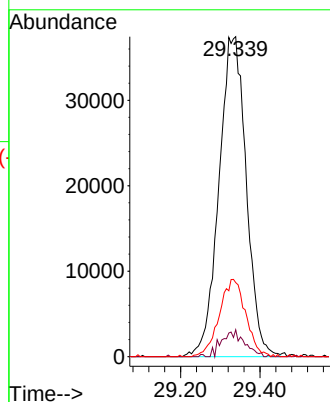
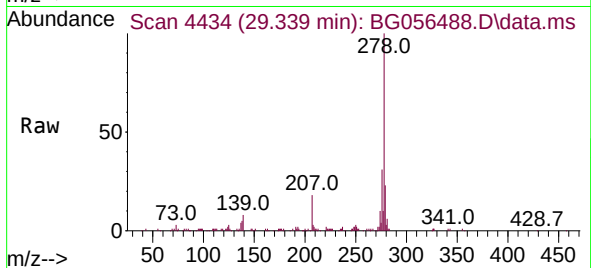
279 23.1 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 02/01/2023

Supervised By :Jagrut Upadhyay 02/01/2023



#92

Benzo(g,h,i)perylene

Concen: 10.101 ng

RT: 30.520 min Scan# 4635

Delta R.T. -0.006 min

Lab File: BG056488.D

Acq: 31 Jan 2023 16:52

Tgt Ion:276 Resp: 172585

Ion Ratio Lower Upper

276 100

277 22.0 18.5 27.7

138 10.8 7.4 11.0

