

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122722\  
 Data File : BG056127.D  
 Acq On : 27 Dec 2022 15:36  
 Operator : CG/JU  
 Sample : SSTDICC005  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC005

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 12/28/2022  
 Supervised By : Jagrut Upadhyay 12/28/2022

Quant Time: Dec 28 04:52:53 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG122722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 28 04:51:15 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.340  | 152  | 43885    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.166 | 136  | 166353   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.944 | 164  | 148054   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.676 | 188  | 400254   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.977 | 240  | 386697   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 25.432 | 264  | 423911   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.855  | 112  | 25651    | 13.708 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.465  | 99   | 38393    | 15.952 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.509  | 82   | 33696    | 14.155 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.419 | 330  | 18409    | 5.157  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.575 | 172  | 111446   | 10.557 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.250 | 244  | 233668   | 10.680 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.675  | 88   | 5864     | 10.768 | ng    | 94       |
| 3) Pyridine                   | 4.104  | 79   | 16105m   | 8.986  | ng    |          |
| 4) n-Nitrosodimethylamine     | 3.998  | 42   | 3410     | 2.117  | ng    | # 80     |
| 6) Aniline                    | 7.647  | 93   | 25063    | 8.698  | ng    | # 95     |
| 8) 2-Chlorophenol             | 7.894  | 128  | 12284    | 5.088  | ng    | 90       |
| 9) Benzaldehyde               | 7.459  | 77   | 12816    | 8.479  | ng    | # 86     |
| 10) Phenol                    | 7.494  | 94   | 19267    | 7.315  | ng    | 94       |
| 11) bis(2-Chloroethyl)ether   | 7.741  | 93   | 13299    | 7.751  | ng    | 87       |
| 12) 1,3-Dichlorobenzene       | 8.229  | 146  | 15590    | 4.992  | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 8.375  | 146  | 15481    | 4.851  | ng    | 94       |
| 14) 1,2-Dichlorobenzene       | 8.699  | 146  | 14904    | 4.886  | ng    | 91       |
| 15) Benzyl Alcohol            | 8.569  | 79   | 13611    | 5.443  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.863  | 45   | 2648     | 1.186  | ng    | 85       |
| 17) 2-Methylphenol            | 8.763  | 107  | 14076    | 6.792  | ng    | 99       |
| 18) Hexachloroethane          | 9.439  | 117  | 4890     | 5.047  | ng    | 87       |
| 19) n-Nitroso-di-n-propyla... | 9.133  | 70   | 12240    | 7.095  | ng    | # 97     |
| 20) 3+4-Methylphenols         | 9.086  | 107  | 19349    | 6.542  | ng    | 96       |
| 22) Acetophenone              | 9.163  | 105  | 23765    | 5.763  | ng    | # 93     |
| 24) Nitrobenzene              | 9.551  | 77   | 16968    | 7.082  | ng    | 98       |
| 25) Isophorone                | 10.073 | 82   | 36097    | 7.231  | ng    | 98       |
| 26) 2-Nitrophenol             | 10.267 | 139  | 8225     | 5.799  | ng    | # 88     |
| 27) 2,4-Dimethylphenol        | 10.309 | 122  | 14629    | 6.141  | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 10.549 | 93   | 18736    | 8.493  | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 10.802 | 162  | 15830    | 4.682  | ng    | 90       |
| 30) 1,2,4-Trichlorobenzene    | 11.025 | 180  | 19658    | 4.473  | ng    | # 80     |
| 31) Naphthalene               | 11.219 | 128  | 44689    | 5.091  | ng    | 98       |
| 32) Benzoic acid              | 10.356 | 122  | 9389     | 5.109  | ng    | 93       |
| 33) 4-Chloroaniline           | 11.319 | 127  | 21592    | 5.738  | ng    | 96       |
| 34) Hexachlorobutadiene       | 11.495 | 225  | 14125    | 3.418  | ng    | 89       |
| 35) Caprolactam               | 12.048 | 113  | 5819     | 6.177  | ng    | 92       |
| 36) 4-Chloro-3-methylphenol   | 12.406 | 107  | 16799    | 5.299  | ng    | 88       |
| 37) 2-Methylnaphthalene       | 12.800 | 142  | 38002    | 4.900  | ng    | 97       |
| 38) 1-Methylnaphthalene       | 13.011 | 142  | 34315    | 4.542  | ng    | 96       |
| 40) 1,2,4,5-Tetrachloroben... | 13.152 | 216  | 28165    | 4.509  | ng    | 97       |
| 41) Hexachlorocyclopentadiene | 13.135 | 237  | 14209    | 4.010  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 13.387 | 196  | 17396    | 4.705  | ng    | 92       |

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 Sample : SSTDICC005  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC005

Manual Integrations  
 APPROVED

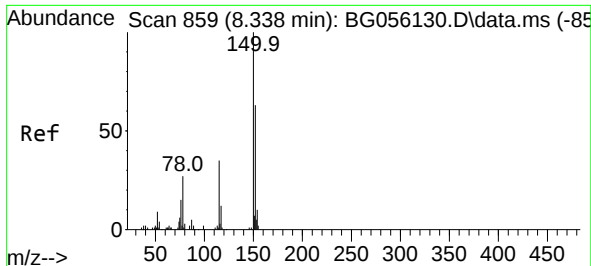
Reviewed By : Christian Giraldo 12/28/2022  
 Supervised By : Jagrut Upadhyay 12/28/2022

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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.458 | 196  | 21422    | 5.139  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.787 | 154  | 53840    | 5.365  | ng    | 97       |
| 47) 2-Chloronaphthalene       | 13.834 | 162  | 42879    | 5.259  | ng    | 98       |
| 48) 2-Nitroaniline            | 14.022 | 65   | 8493     | 6.226  | ng    | 89       |
| 49) Acenaphthylene            | 14.674 | 152  | 69880    | 5.369  | ng    | 98       |
| 50) Dimethylphthalate         | 14.380 | 163  | 61635    | 4.815  | ng    | 96       |
| 51) 2,6-Dinitrotoluene        | 14.504 | 165  | 13056    | 6.591  | ng    | 94       |
| 52) Acenaphthene              | 15.009 | 154  | 45016    | 5.152  | ng    | 87       |
| 53) 3-Nitroaniline            | 14.833 | 138  | 12427    | 6.168  | ng    | 86       |
| 54) 2,4-Dinitrophenol         | 15.038 | 184  | 7746     | 5.260  | ng    | 92       |
| 55) Dibenzofuran              | 15.338 | 168  | 75416    | 5.133  | ng    | 99       |
| 56) 4-Nitrophenol             | 15.121 | 139  | 9272     | 5.743  | ng    | # 81     |
| 57) 2,4-Dinitrotoluene        | 15.285 | 165  | 17276    | 5.778  | ng    | # 85     |
| 58) Fluorene                  | 15.984 | 166  | 62138    | 5.173  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.555 | 232  | 19819    | 4.162  | ng    | # 97     |
| 60) Diethylphthalate          | 15.732 | 149  | 60456    | 4.832  | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.967 | 204  | 37424    | 4.574  | ng    | 93       |
| 62) 4-Nitroaniline            | 15.984 | 138  | 12414    | 5.658  | ng    | # 80     |
| 63) Azobenzene                | 16.254 | 77   | 45417    | 5.964  | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 16.049 | 198  | 12452    | 6.512  | ng    | 92       |
| 66) n-Nitrosodiphenylamine    | 16.172 | 169  | 55941    | 5.333  | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 16.860 | 248  | 25775    | 4.395  | ng    | 93       |
| 68) Hexachlorobenzene         | 16.983 | 284  | 24520    | 3.394  | ng    | 98       |
| 69) Atrazine                  | 17.106 | 200  | 22878    | 4.817  | ng    | 96       |
| 70) Pentachlorophenol         | 17.324 | 266  | 16090    | 3.896  | ng    | 94       |
| 71) Phenanthrene              | 17.717 | 178  | 107017   | 5.102  | ng    | 97       |
| 72) Anthracene                | 17.811 | 178  | 112676   | 5.430  | ng    | 97       |
| 73) Carbazole                 | 18.076 | 167  | 95566    | 5.584  | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.605 | 149  | 91401    | 4.592  | ng    | # 97     |
| 75) Fluoranthene              | 19.709 | 202  | 142324   | 4.846  | ng    | 98       |
| 77) Benzidine                 | 19.874 | 184  | 70659    | 10.405 | ng    | 97       |
| 78) Pyrene                    | 20.068 | 202  | 144698   | 6.184  | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.931 | 149  | 39215    | 5.914  | ng    | 93       |
| 81) Benzo(a)anthracene        | 21.954 | 228  | 140036   | 5.146  | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.854 | 252  | 49950    | 5.102  | ng    | 93       |
| 83) Chrysene                  | 22.024 | 228  | 130556   | 5.119  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.824 | 149  | 58785    | 5.967  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 23.111 | 149  | 96098    | 5.751  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 29.386 | 276  | 157054   | 4.607  | ng    | # 96     |
| 88) Benzo(b)fluoranthene      | 24.322 | 252  | 138844   | 5.061  | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 24.386 | 252  | 137773   | 5.033  | ng    | 94       |
| 90) Benzo(a)pyrene            | 25.262 | 252  | 135341   | 5.836  | ng    | # 97     |
| 91) Dibenzo(a,h)anthracene    | 29.463 | 278  | 134554   | 4.716  | ng    | # 95     |
| 92) Benzo(g,h,i)perylene      | 30.638 | 276  | 128711   | 4.666  | ng    | # 93     |

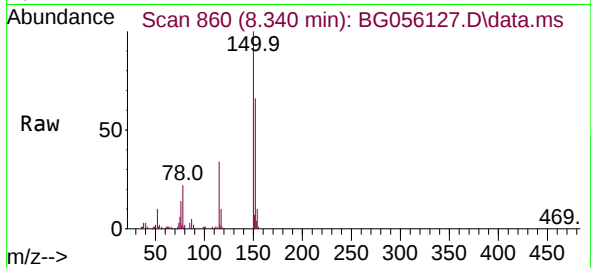
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.340 min Scan# 80  
Delta R.T. 0.002 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

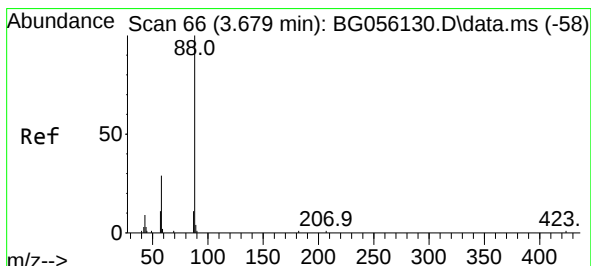
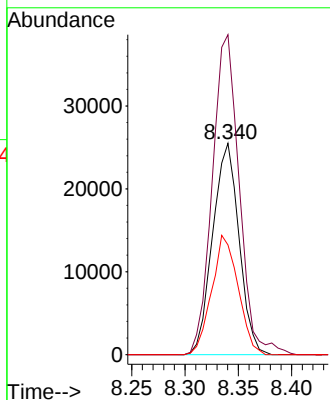
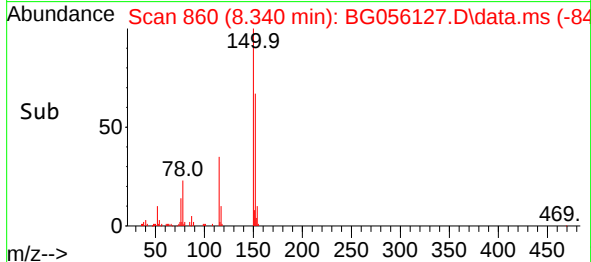
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



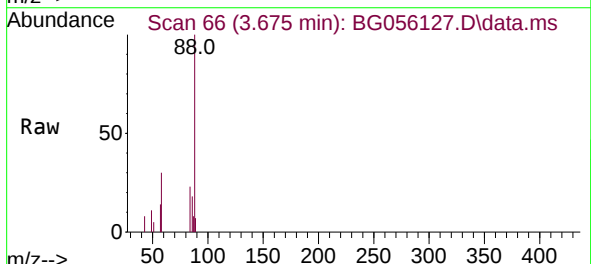
Tgt Ion:152 Resp: 43885  
Ion Ratio Lower Upper  
152 100  
150 151.4 127.9 191.9  
115 51.9 44.2 66.2

Manual Integrations  
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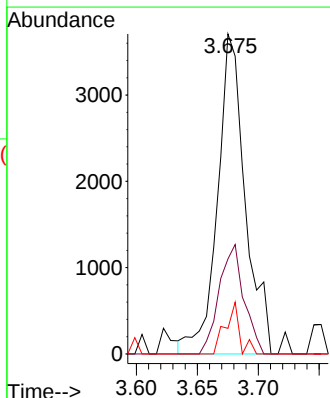
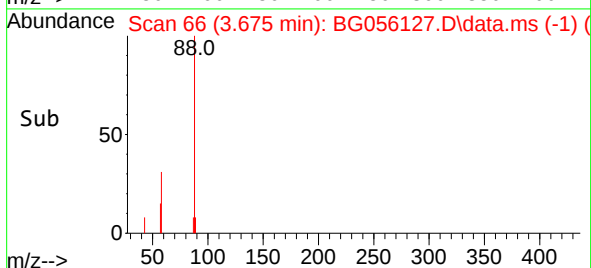
Reviewed By :Christian Giraldo 12/28/2022  
Supervised By :Jagrut Upadhyay 12/28/2022

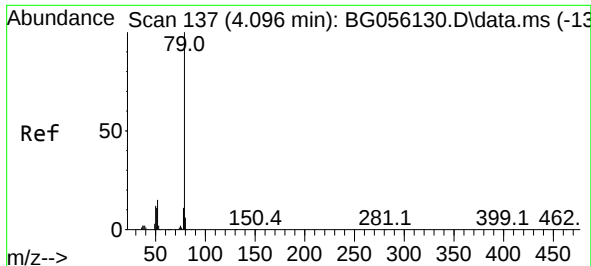


#2  
1,4-Dioxane  
Concen: 10.768 ng  
RT: 3.675 min Scan# 66  
Delta R.T. -0.004 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36



Tgt Ion: 88 Resp: 5864  
Ion Ratio Lower Upper  
88 100  
58 30.5 21.4 32.0  
43 8.3 7.1 10.7





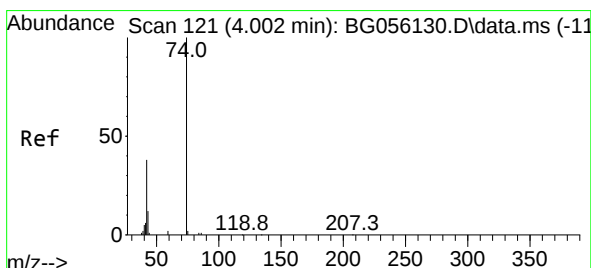
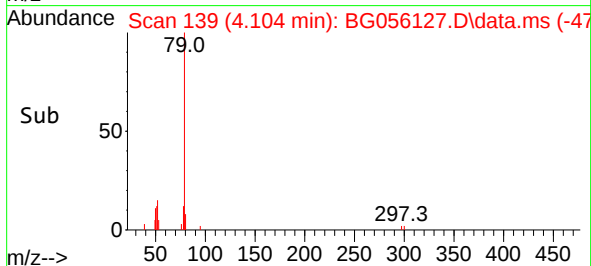
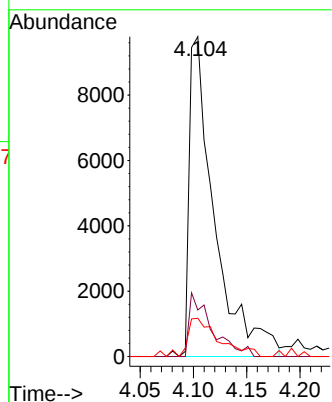
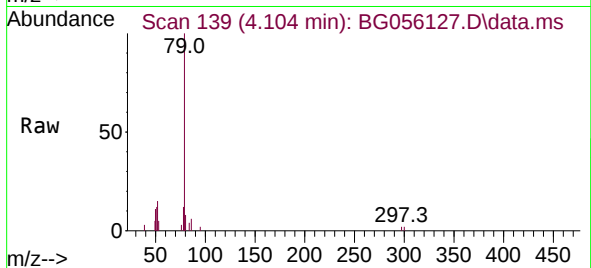
#3  
Pyridine  
Concen: 8.986 ng m  
RT: 4.104 min Scan# 137  
Delta R.T. 0.008 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005

Tgt Ion: 79 Resp: 16105  
Ion Ratio Lower Upper  
79 100  
52 14.6 11.8 17.6  
51 12.0 8.8 13.2

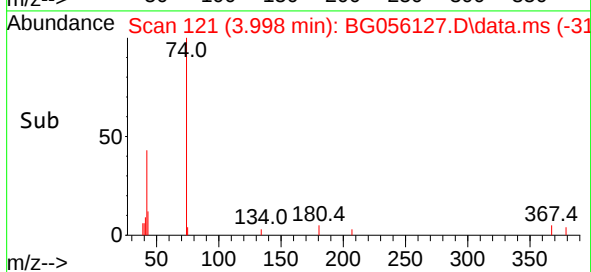
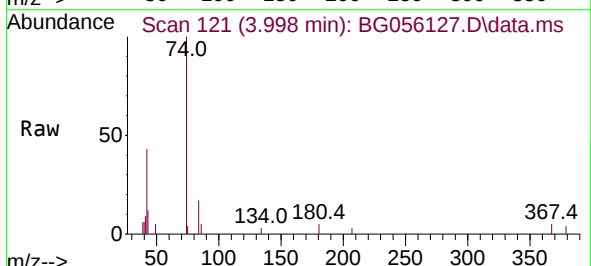
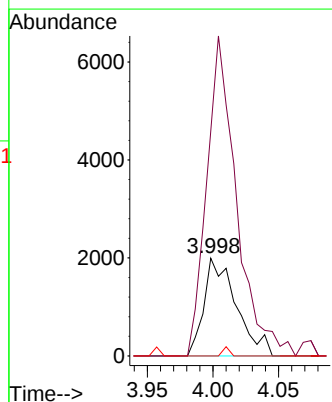
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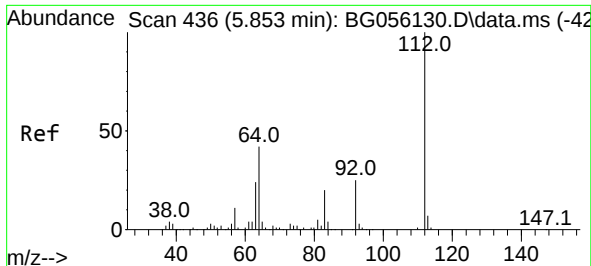
Reviewed By :Christian Giraldo 12/28/2022  
Supervised By :Jagrut Upadhyay 12/28/2022



#4  
n-Nitrosodimethylamine  
Concen: 2.117 ng  
RT: 3.998 min Scan# 121  
Delta R.T. -0.004 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

Tgt Ion: 42 Resp: 3410  
Ion Ratio Lower Upper  
42 100  
74 230.0 212.6 319.0  
44 0.0 2.6 3.8#





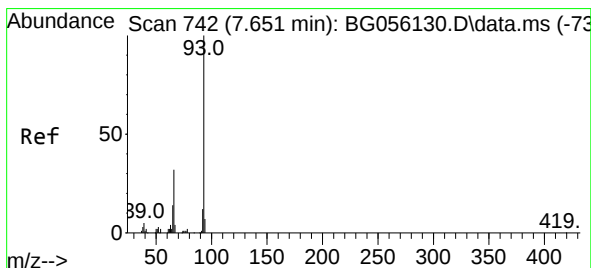
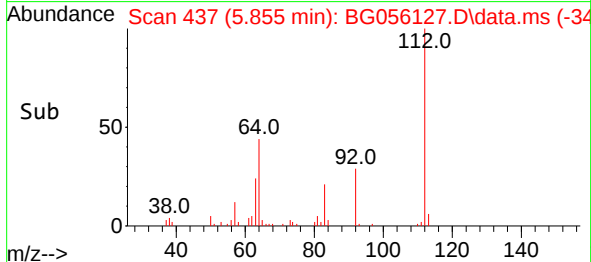
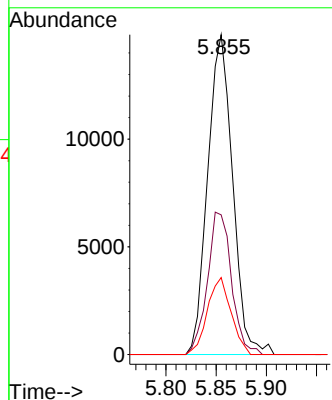
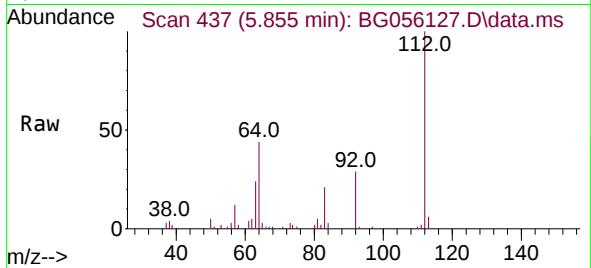
#5  
2-Fluorophenol  
Concen: 13.708 ng  
RT: 5.855 min Scan# 436  
Delta R.T. 0.002 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005

Tgt Ion:112 Resp: 2565  
Ion Ratio Lower Upper  
112 100  
64 43.7 33.3 49.9  
63 24.1 19.0 28.4

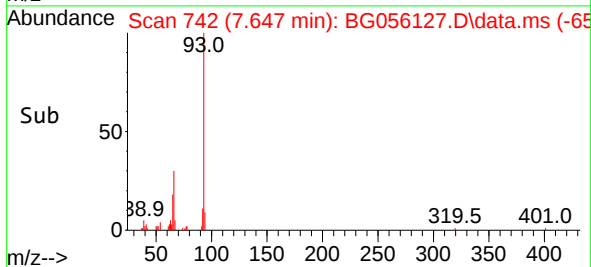
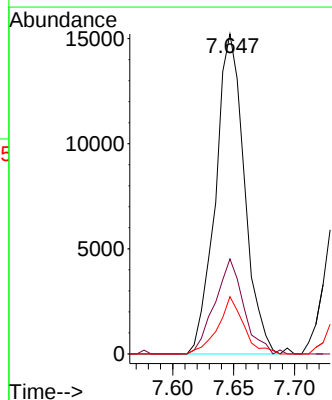
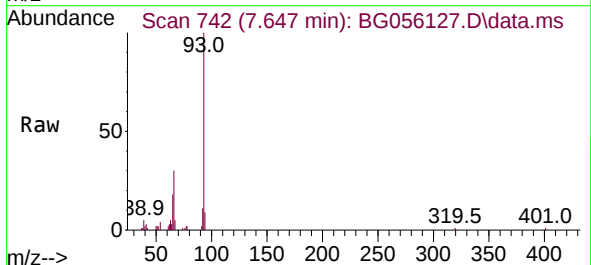
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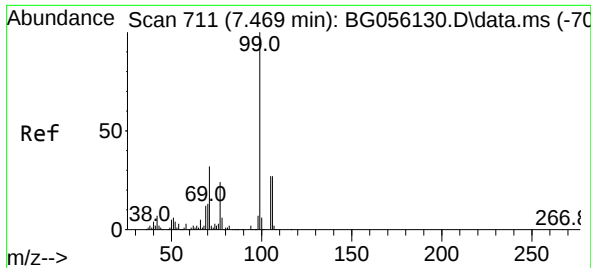
Reviewed By :Christian Giraldo 12/28/2022  
Supervised By :Jagrut Upadhyay 12/28/2022



#6  
Aniline  
Concen: 8.698 ng  
RT: 7.647 min Scan# 742  
Delta R.T. -0.004 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

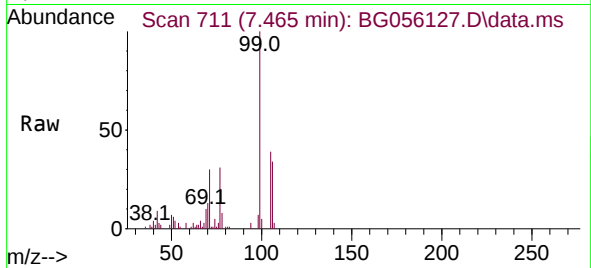
Tgt Ion: 93 Resp: 25063  
Ion Ratio Lower Upper  
93 100  
66 29.7 25.4 38.2  
65 17.9 11.4 17.2#





#7  
Phenol-d6  
Concen: 15.952 ng  
RT: 7.465 min Scan# 711  
Delta R.T. -0.004 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

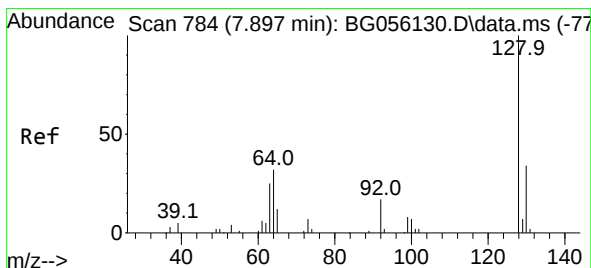
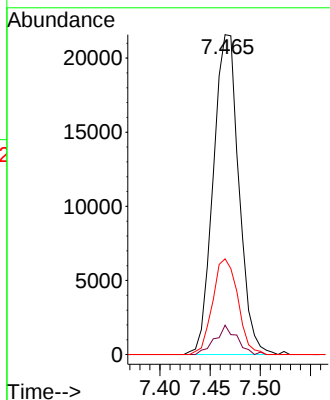
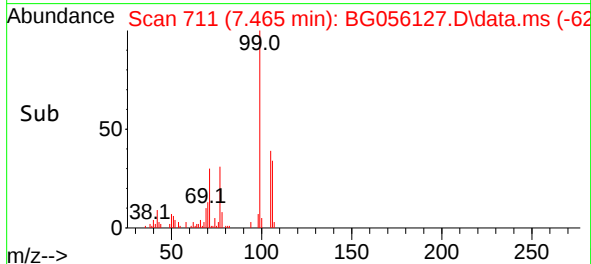
Instrument :  
BNA\_G  
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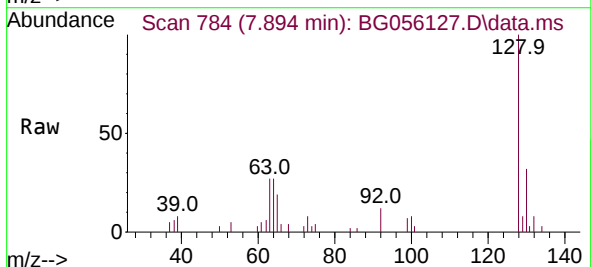
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Ion Ratio Lower Upper  
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42 9.2 5.9 8.9  
71 29.9 25.4 38.2

Manual Integrations  
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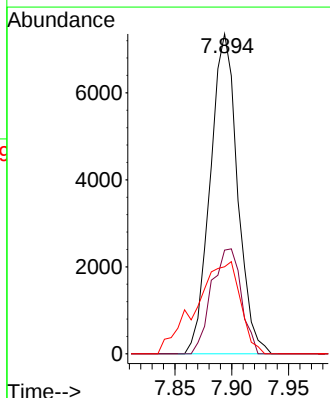
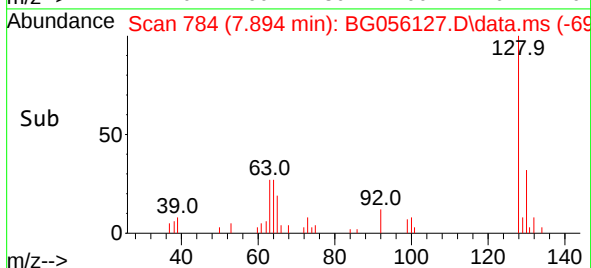
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Supervised By :Jagrut Upadhyay 12/28/2022

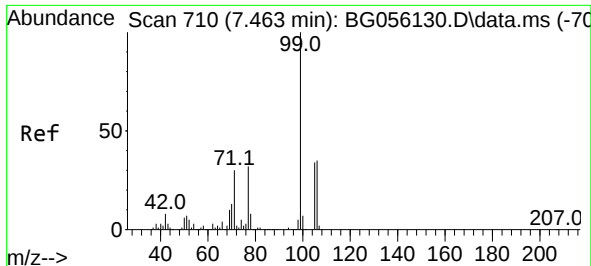


#8  
2-Chlorophenol  
Concen: 5.088 ng  
RT: 7.894 min Scan# 784  
Delta R.T. -0.004 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36



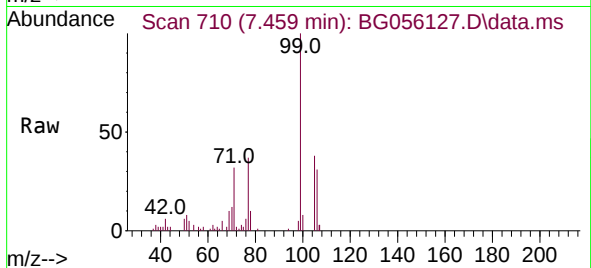
Tgt Ion:128 Resp: 12284  
Ion Ratio Lower Upper  
128 100  
130 32.4 13.5 53.5  
64 27.2 18.0 58.0





#9  
Benzaldehyde  
Concen: 8.479 ng  
RT: 7.459 min Scan# 710  
Delta R.T. -0.004 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

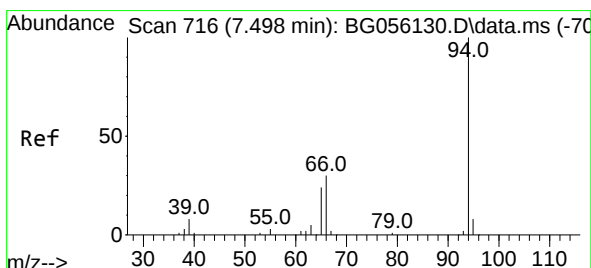
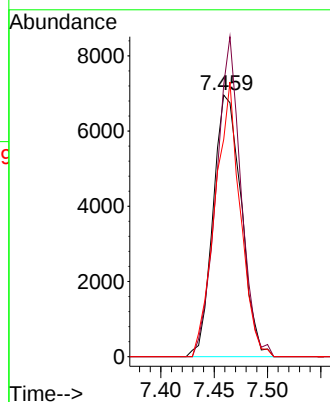
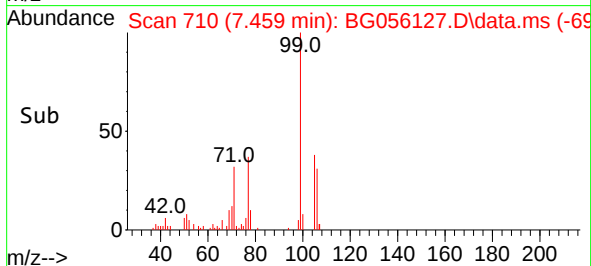
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion: 77 Resp: 12816  
Ion Ratio Lower Upper  
77 100  
105 103.9 86.8 126.8  
106 83.0 89.3 129.3

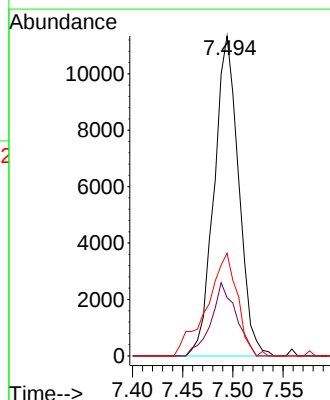
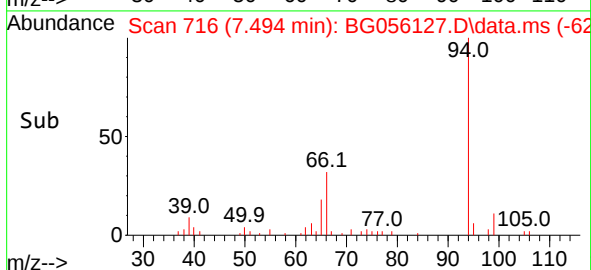
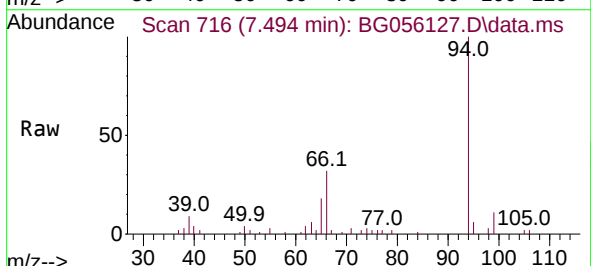
Manual Integrations  
APPROVED

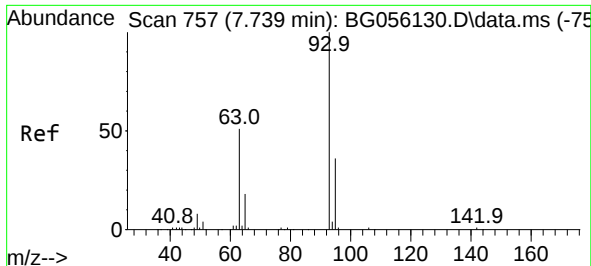
Reviewed By :Christian Giraldo 12/28/2022  
Supervised By :Jagrut Upadhyay 12/28/2022



#10  
Phenol  
Concen: 7.315 ng  
RT: 7.494 min Scan# 716  
Delta R.T. -0.004 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

Tgt Ion: 94 Resp: 19267  
Ion Ratio Lower Upper  
94 100  
65 18.2 4.3 44.3  
66 32.1 13.2 53.2





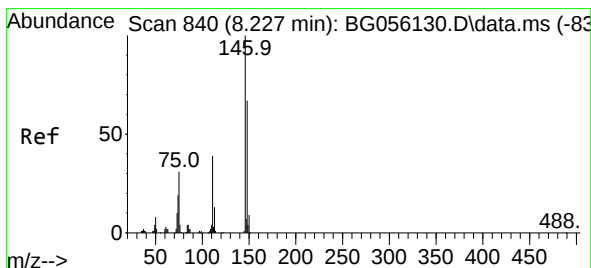
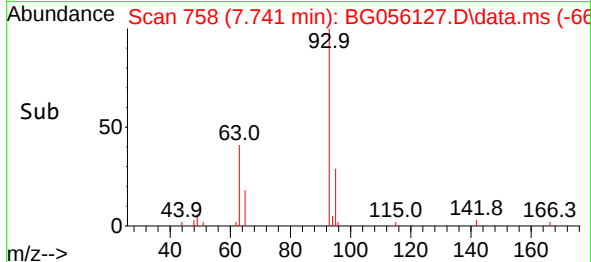
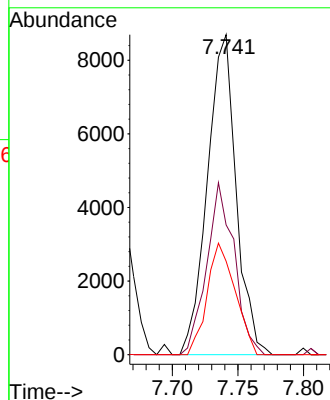
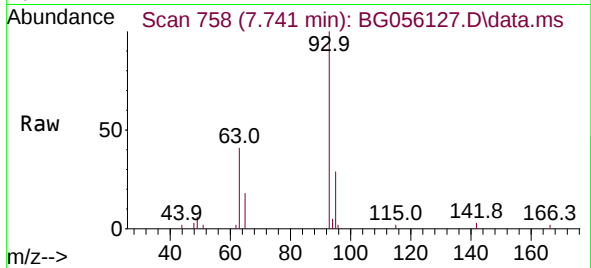
#11  
bis(2-Chloroethyl)ether  
Concen: 7.751 ng  
RT: 7.741 min Scan# 758  
Delta R.T. 0.002 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005

Tgt Ion: 93 Resp: 13299  
Ion Ratio Lower Upper  
93 100  
63 40.5 30.5 70.5  
95 29.2 15.9 55.9

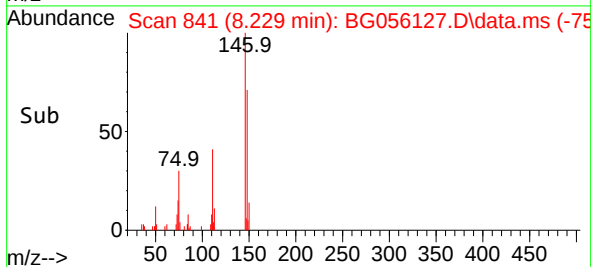
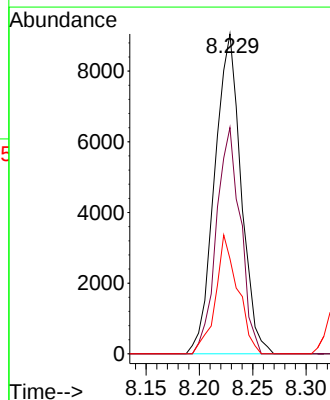
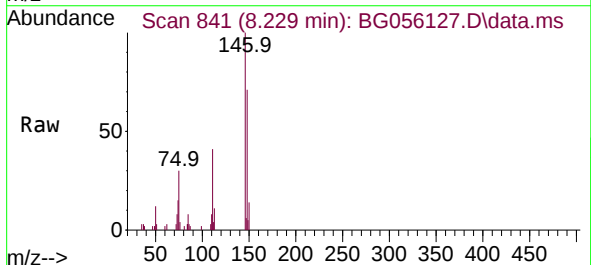
Manual Integrations  
APPROVED

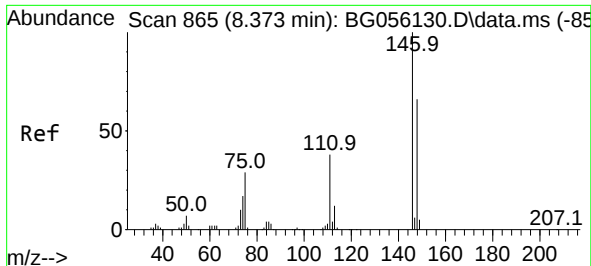
Reviewed By :Christian Giraldo 12/28/2022  
Supervised By :Jagrut Upadhyay 12/28/2022



#12  
1,3-Dichlorobenzene  
Concen: 4.992 ng  
RT: 8.229 min Scan# 841  
Delta R.T. 0.002 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

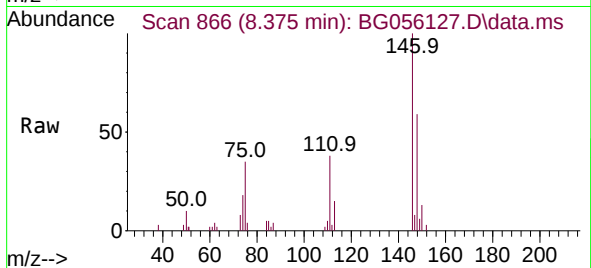
Tgt Ion:146 Resp: 15590  
Ion Ratio Lower Upper  
146 100  
148 70.7 53.5 80.3  
75 29.7 24.8 37.2





#13  
1,4-Dichlorobenzene  
Concen: 4.851 ng  
RT: 8.375 min Scan# 865  
Delta R.T. 0.002 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

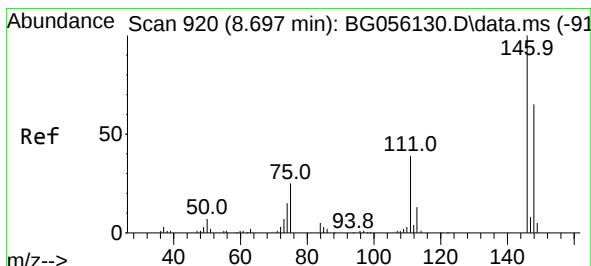
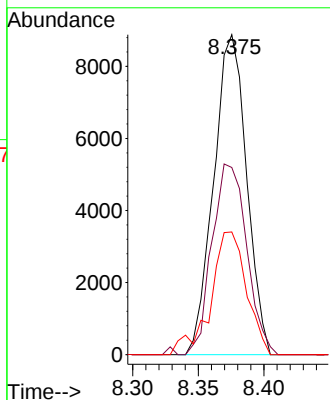
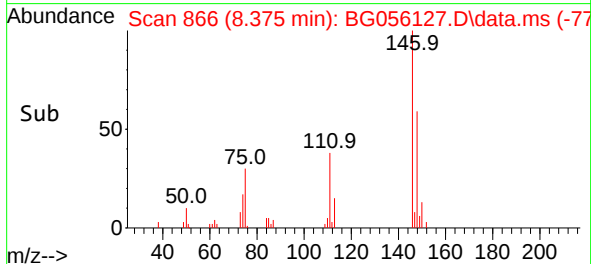
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



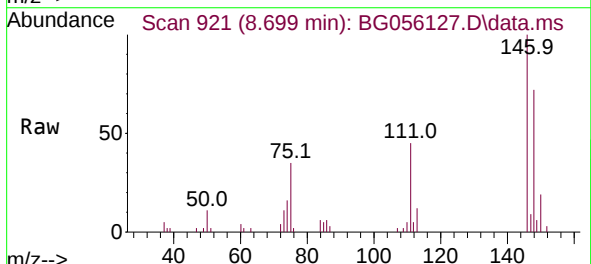
Tgt Ion:146 Resp: 1548  
Ion Ratio Lower Upper  
146 100  
148 58.5 52.8 79.2  
111 38.3 30.5 45.7

Manual Integrations  
APPROVED

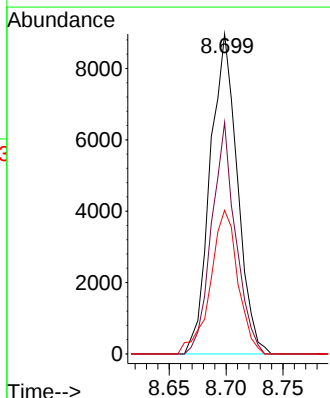
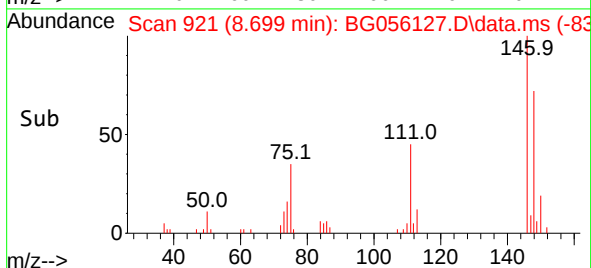
Reviewed By :Christian Giraldo 12/28/2022  
Supervised By :Jagrut Upadhyay 12/28/2022

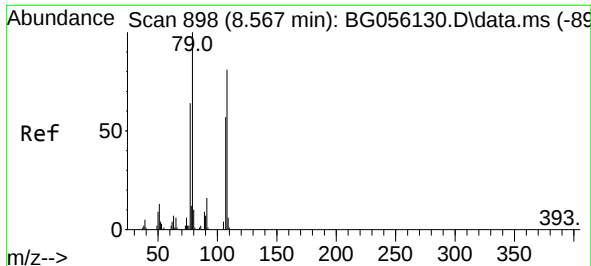


#14  
1,2-Dichlorobenzene  
Concen: 4.886 ng  
RT: 8.699 min Scan# 921  
Delta R.T. 0.002 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36



Tgt Ion:146 Resp: 14904  
Ion Ratio Lower Upper  
146 100  
148 72.3 51.7 77.5  
111 44.9 31.5 47.3





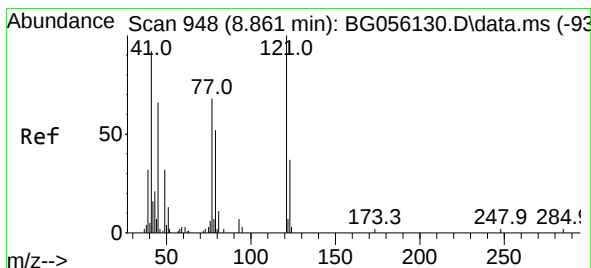
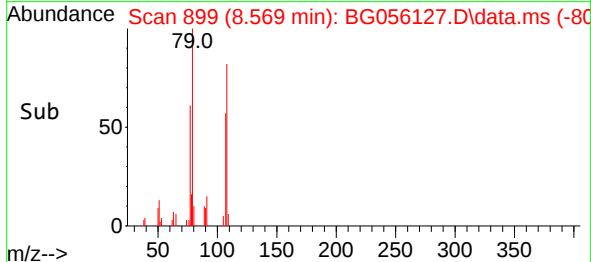
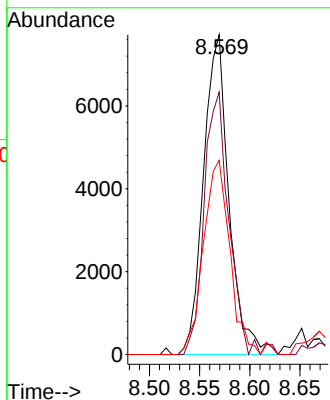
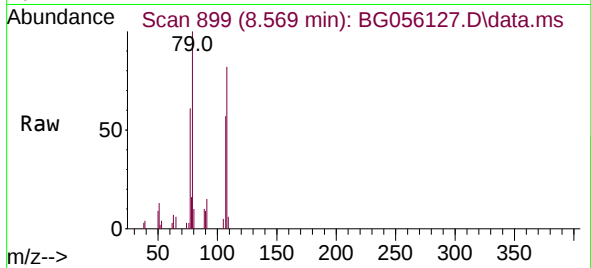
#15  
Benzyl Alcohol  
Concen: 5.443 ng  
RT: 8.569 min Scan# 898  
Delta R.T. 0.002 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005

Tgt Ion: 79 Resp: 1361  
Ion Ratio Lower Upper  
79 100  
108 82.0 64.7 97.1  
77 60.7 51.5 77.3

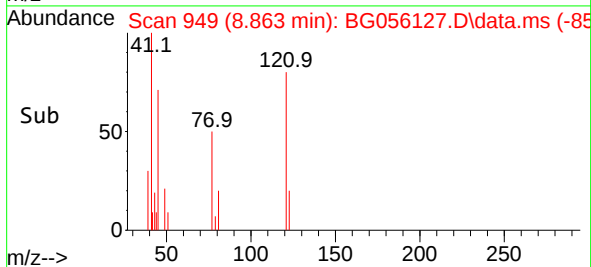
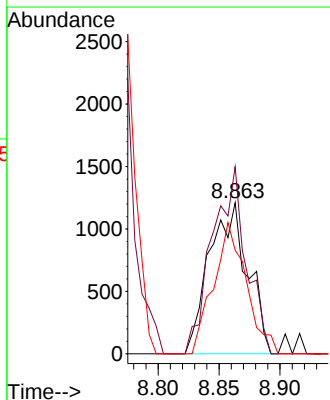
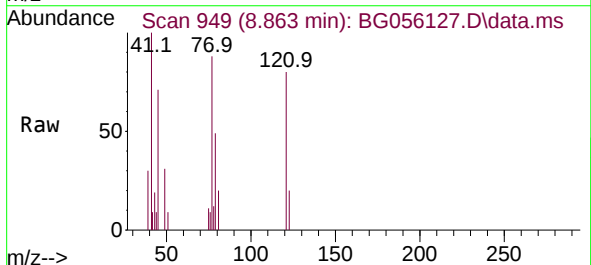
Manual Integrations  
APPROVED

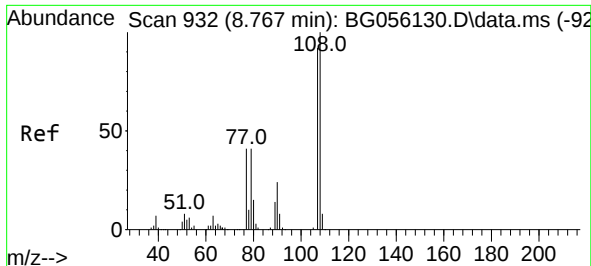
Reviewed By :Christian Giraldo 12/28/2022  
Supervised By :Jagrut Upadhyay 12/28/2022



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 1.186 ng  
RT: 8.863 min Scan# 949  
Delta R.T. 0.002 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

Tgt Ion: 45 Resp: 2648  
Ion Ratio Lower Upper  
45 100  
77 123.8 88.2 128.2  
79 68.6 61.2 101.2





#17  
2-Methylphenol  
Concen: 6.792 ng  
RT: 8.763 min Scan# 91  
Delta R.T. -0.004 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

Instrument :

BNA\_G

ClientSampleId :

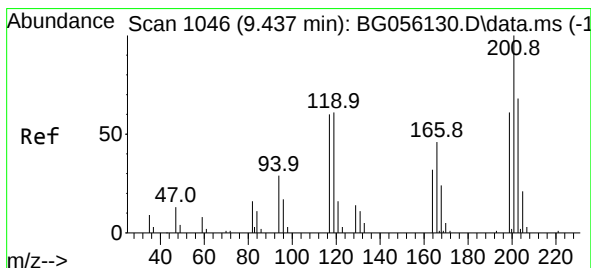
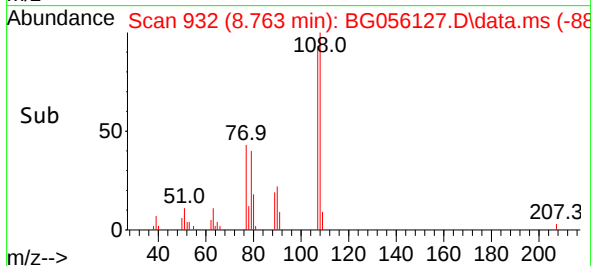
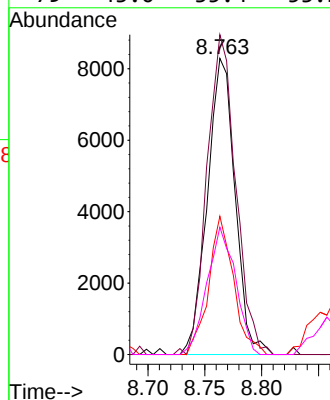
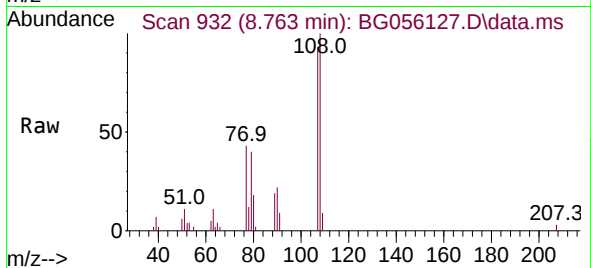
SSTDICC005

Tgt Ion:107 Resp: 14076  
Ion Ratio Lower Upper  
107 100  
108 108.0 86.6 129.8  
77 46.7 35.4 53.2  
79 43.0 35.4 53.2

Manual Integrations

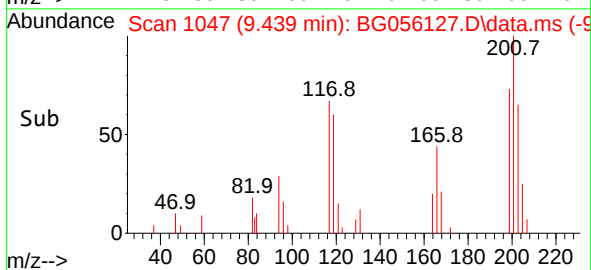
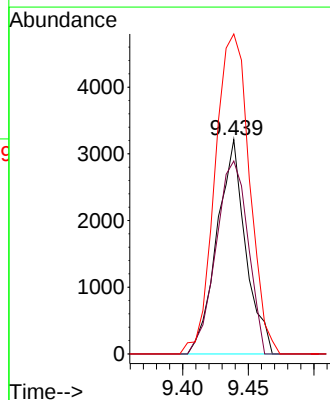
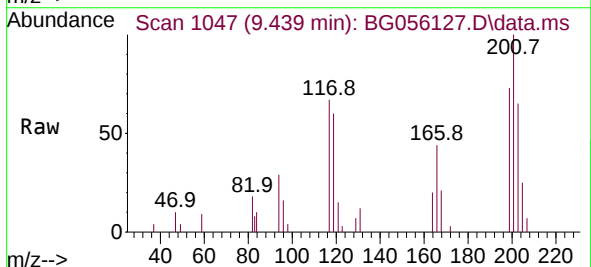
APPROVED

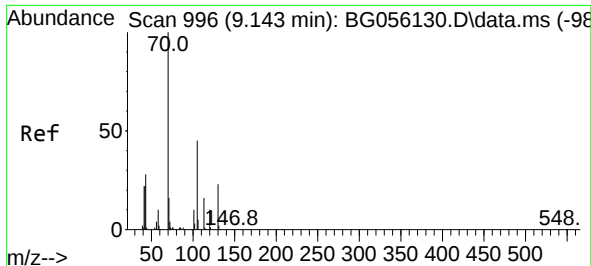
Reviewed By :Christian Giraldo 12/28/2022  
Supervised By :Jagrut Upadhyay 12/28/2022



#18  
Hexachloroethane  
Concen: 5.047 ng  
RT: 9.439 min Scan# 1047  
Delta R.T. 0.002 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

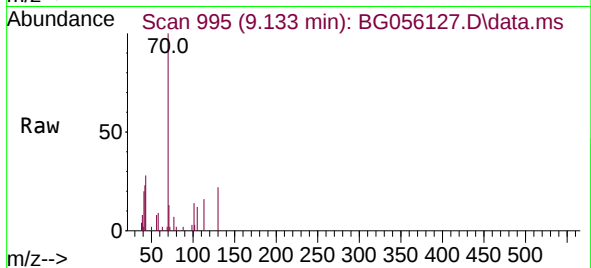
Tgt Ion:117 Resp: 4890  
Ion Ratio Lower Upper  
117 100  
119 90.0 81.8 122.6  
201 149.4 134.2 201.2





#19  
n-Nitroso-di-n-propylamine  
Concen: 7.095 ng  
RT: 9.133 min Scan# 995  
Delta R.T. -0.010 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

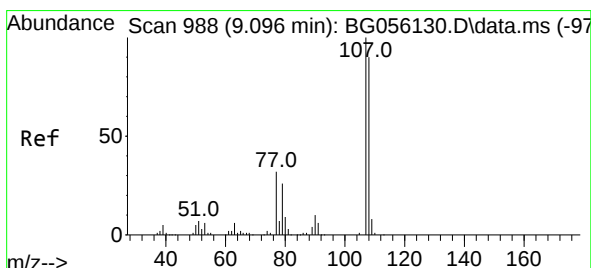
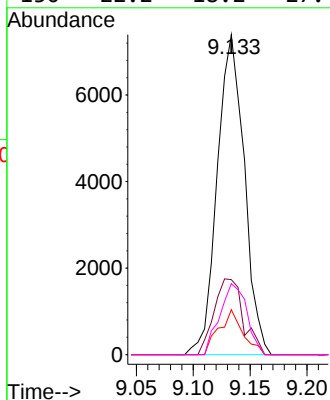
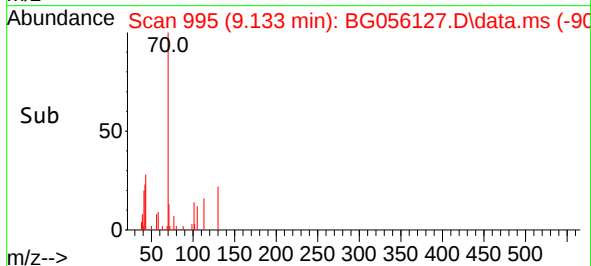
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



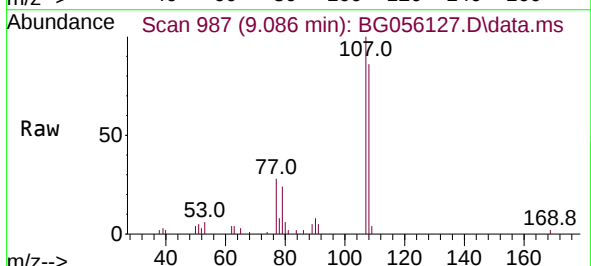
Tgt Ion: 70 Resp: 12240  
Ion Ratio Lower Upper  
70 100  
42 23.4 18.2 27.2  
101 14.0 8.3 12.5  
130 22.2 18.2 27.4

Manual Integrations  
APPROVED

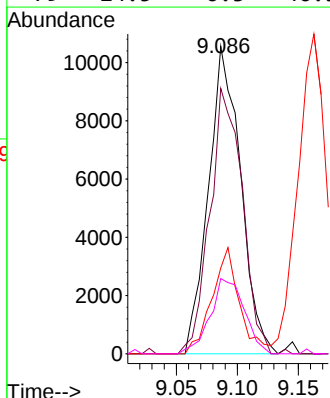
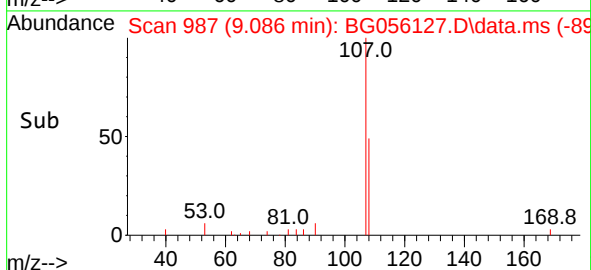
Reviewed By :Christian Giraldo 12/28/2022  
Supervised By :Jagrut Upadhyay 12/28/2022

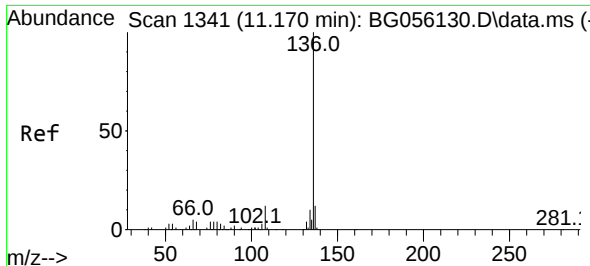


#20  
3+4-Methylphenols  
Concen: 6.542 ng  
RT: 9.086 min Scan# 987  
Delta R.T. -0.010 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36



Tgt Ion:107 Resp: 19349  
Ion Ratio Lower Upper  
107 100  
108 86.3 69.6 109.6  
77 27.9 11.7 51.7  
79 24.5 6.3 46.3





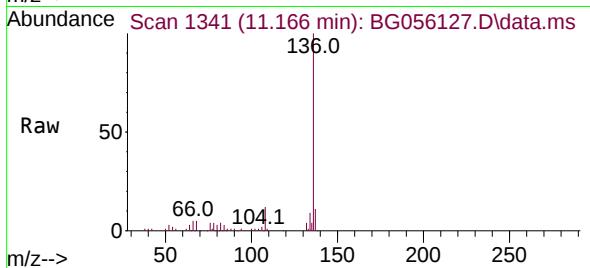
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.166 min Scan# 1341  
Delta R.T. -0.004 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

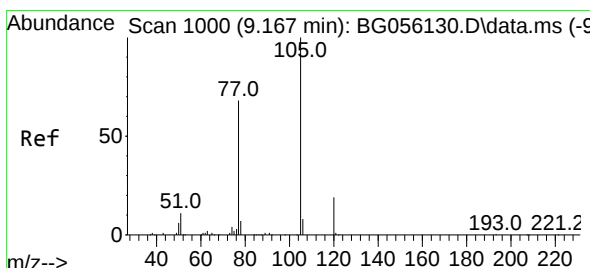
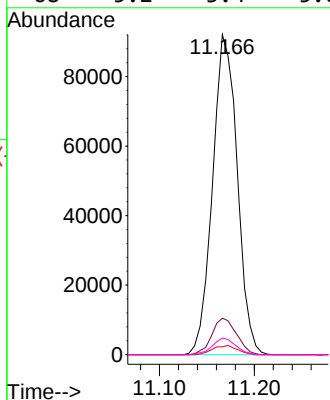
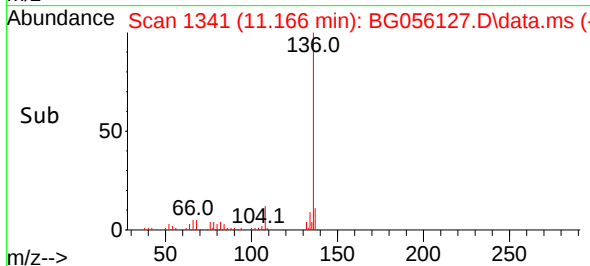


Tgt Ion:136 Resp: 166353  
Ion Ratio Lower Upper  
136 100  
137 11.4 9.4 14.0  
54 2.4 2.2 3.2  
68 5.2 3.4 5.0#

Manual Integrations

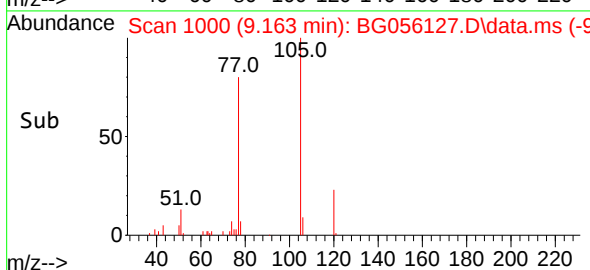
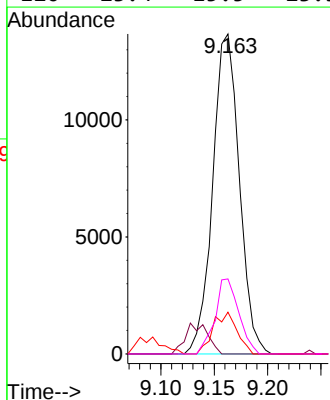
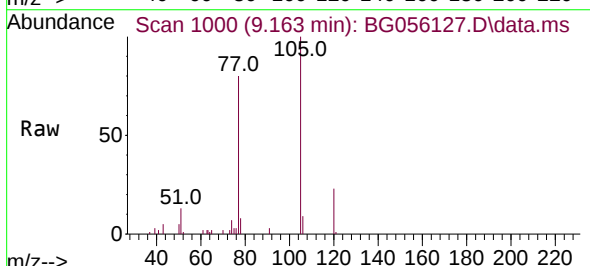
APPROVED

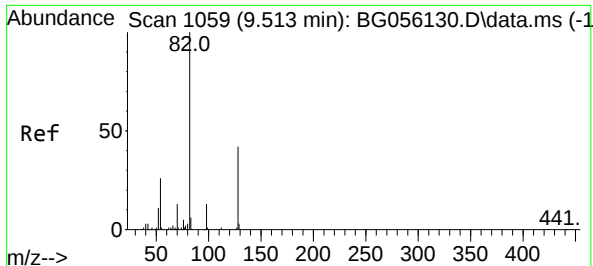
Reviewed By :Christian Giraldo 12/28/2022  
Supervised By :Jagrut Upadhyay 12/28/2022



#22  
Acetophenone  
Concen: 5.763 ng  
RT: 9.163 min Scan# 1000  
Delta R.T. -0.004 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

Tgt Ion:105 Resp: 23765  
Ion Ratio Lower Upper  
105 100  
71 0.0 0.5 0.7#  
51 13.0 9.3 13.9  
120 23.4 15.5 23.3#





#23

Nitrobenzene-d5

Concen: 14.155 ng

RT: 9.509 min Scan# 1059

Delta R.T. -0.004 min

Lab File: BG056127.D

Acq: 27 Dec 2022 15:36

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

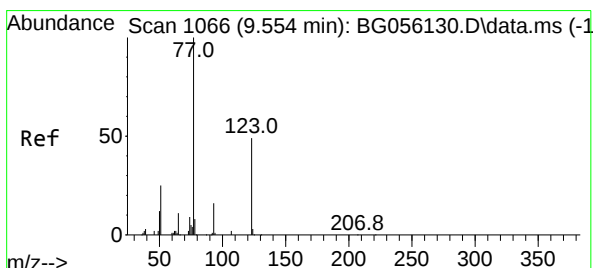
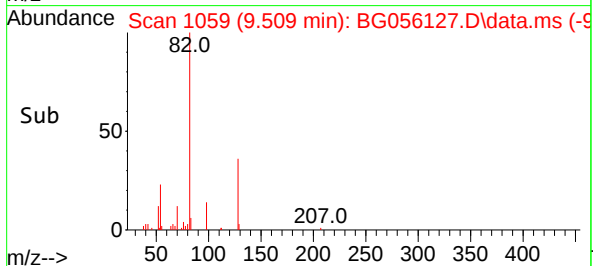
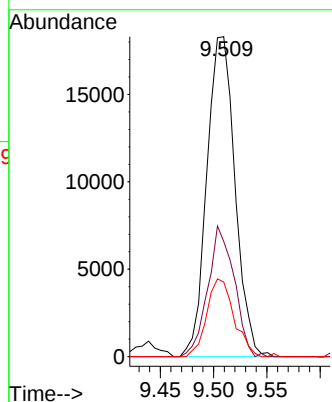
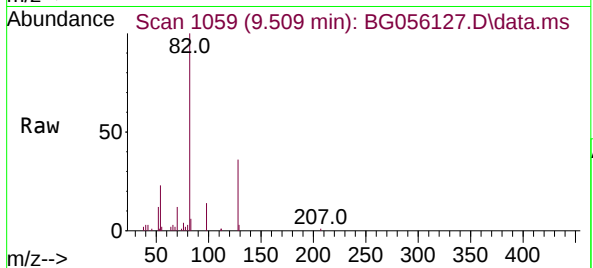
Tgt Ion: 82 Resp: 33696

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 36.0  | 33.4  | 50.2  |
| 54  | 23.3  | 20.3  | 30.5  |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/28/2022  
Supervised By :Jagrut Upadhyay 12/28/2022



#24

Nitrobenzene

Concen: 7.082 ng

RT: 9.551 min Scan# 1066

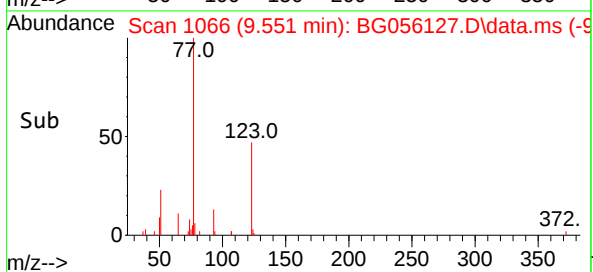
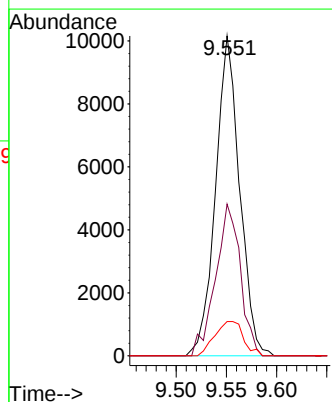
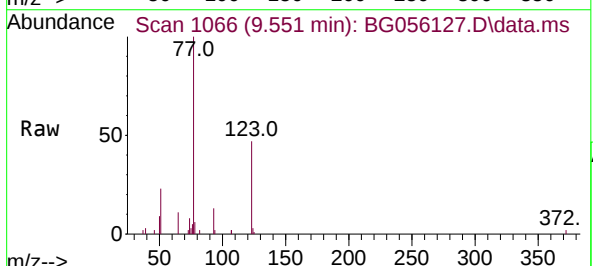
Delta R.T. -0.004 min

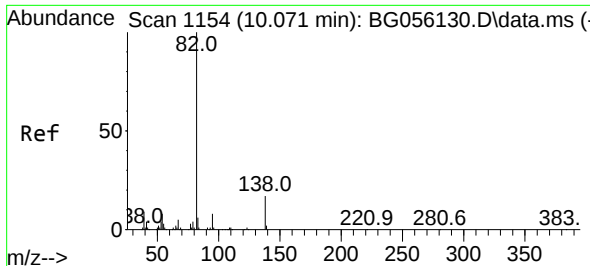
Lab File: BG056127.D

Acq: 27 Dec 2022 15:36

Tgt Ion: 77 Resp: 16968

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 47.4  | 38.8  | 58.2  |
| 65  | 10.7  | 9.1   | 13.7  |





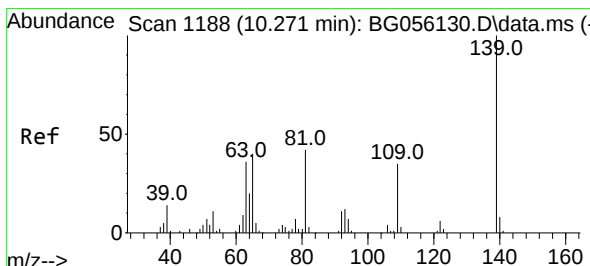
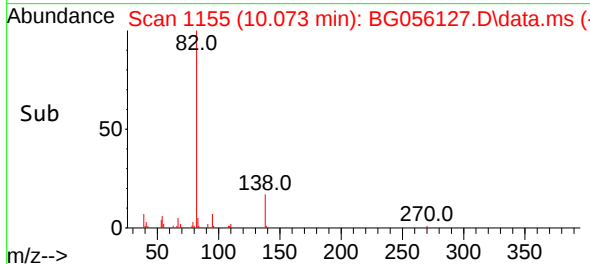
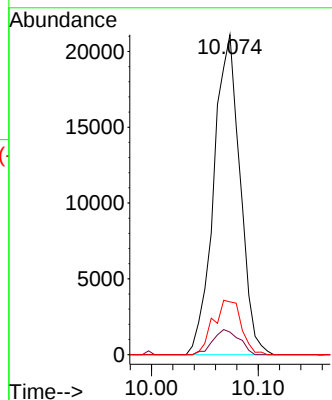
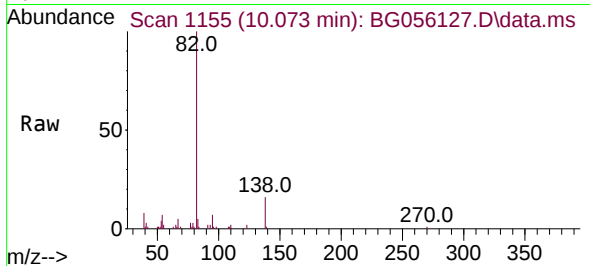
#25  
Isophorone  
Concen: 7.231 ng  
RT: 10.073 min Scan# 1154  
Delta R.T. 0.002 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005

Tgt Ion: 82 Resp: 3609  
Ion Ratio Lower Upper  
82 100  
95 7.0 6.7 10.1  
138 16.5 13.7 20.5

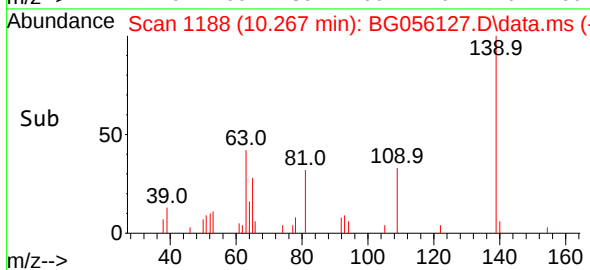
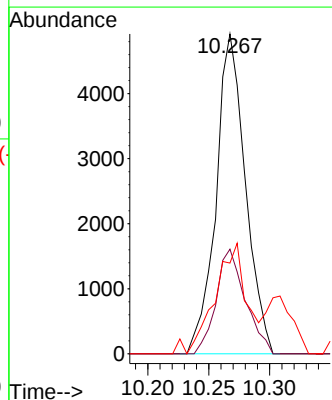
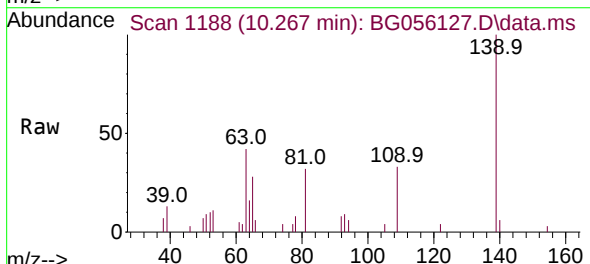
Manual Integrations  
APPROVED

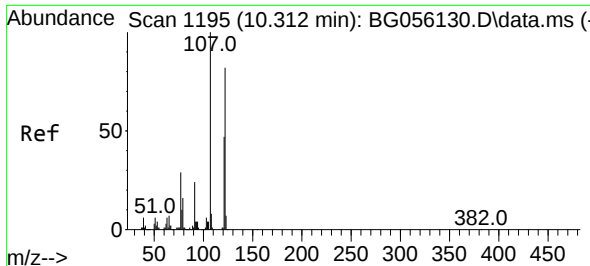
Reviewed By :Christian Giraldo 12/28/2022  
Supervised By :Jagrut Upadhyay 12/28/2022



#26  
2-Nitrophenol  
Concen: 5.799 ng  
RT: 10.267 min Scan# 1188  
Delta R.T. -0.004 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

Tgt Ion:139 Resp: 8225  
Ion Ratio Lower Upper  
139 100  
109 32.7 28.4 42.6  
65 28.4 32.1 48.1#





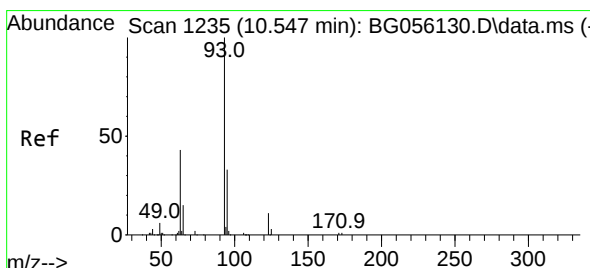
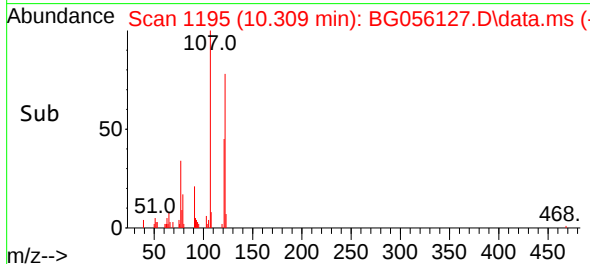
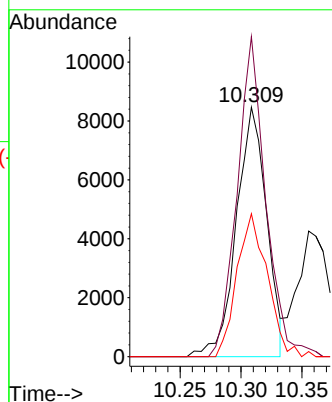
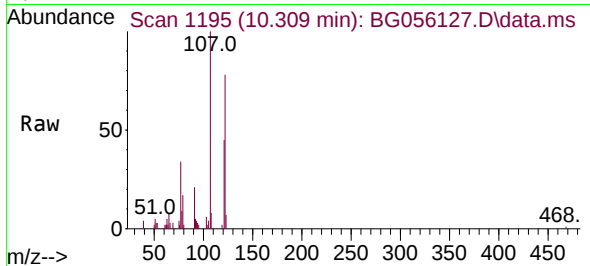
#27  
2,4-Dimethylphenol  
Concen: 6.141 ng  
RT: 10.309 min Scan# 1195  
Delta R.T. -0.004 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005

Tgt Ion:122 Resp: 14629  
Ion Ratio Lower Upper  
122 100  
107 128.3 97.5 146.3  
121 57.3 45.9 68.9

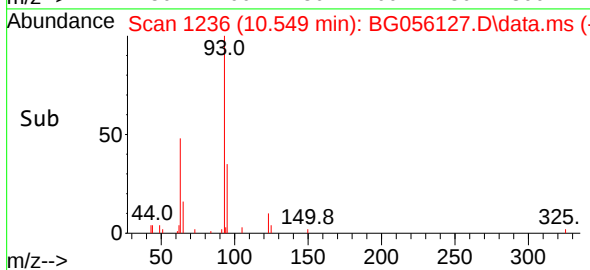
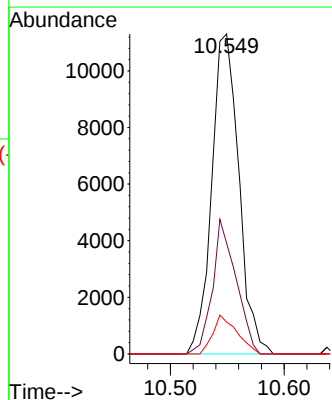
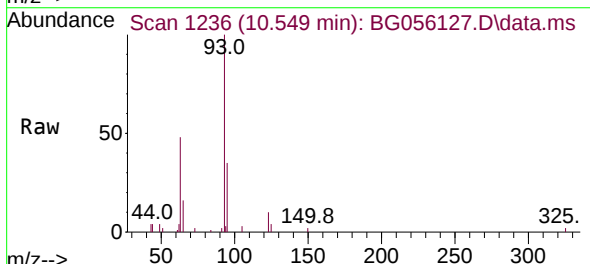
Manual Integrations  
APPROVED

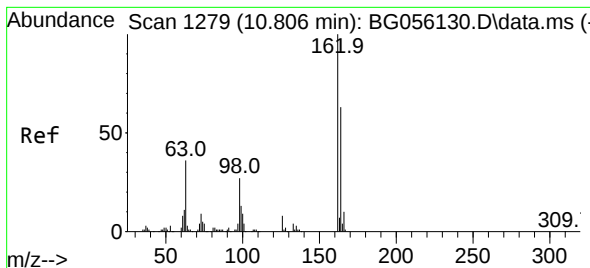
Reviewed By :Christian Giraldo 12/28/2022  
Supervised By :Jagrut Upadhyay 12/28/2022



#28  
bis(2-Chloroethoxy)methane  
Concen: 8.493 ng  
RT: 10.549 min Scan# 1236  
Delta R.T. 0.002 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

Tgt Ion: 93 Resp: 18736  
Ion Ratio Lower Upper  
93 100  
95 34.6 26.2 39.2  
123 9.9 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 4.682 ng

RT: 10.802 min Scan# 1279

Delta R.T. -0.004 min

Lab File: BG056127.D

Acq: 27 Dec 2022 15:36

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

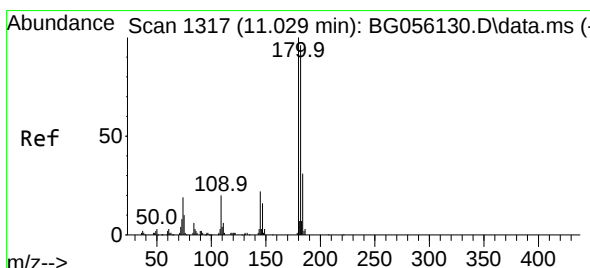
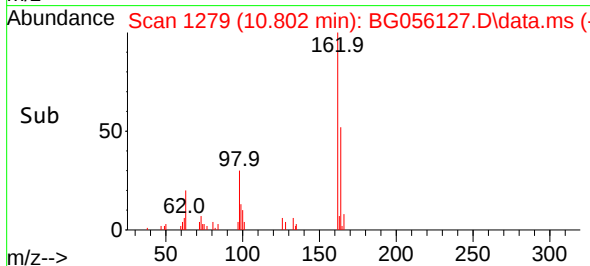
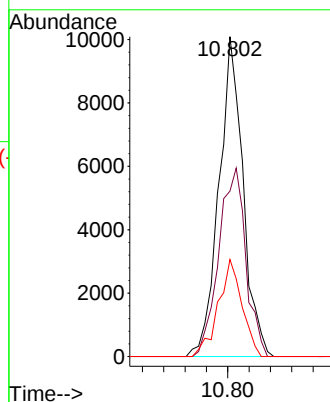
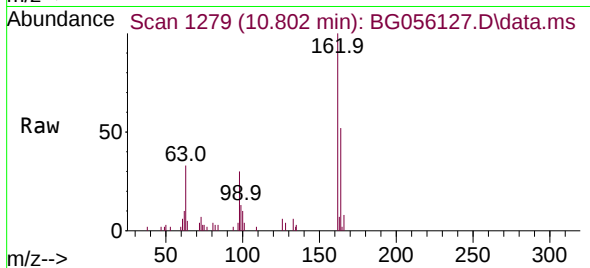
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 162   | Resp: | 15830 |
| Ion Ratio | Lower | Upper |       |
| 162       | 100   |       |       |
| 164       | 54.0  | 43.3  | 83.3  |
| 98        | 30.3  | 6.8   | 46.8  |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 12/28/2022

Supervised By :Jagrut Upadhyay 12/28/2022



#30

1,2,4-Trichlorobenzene

Concen: 4.473 ng

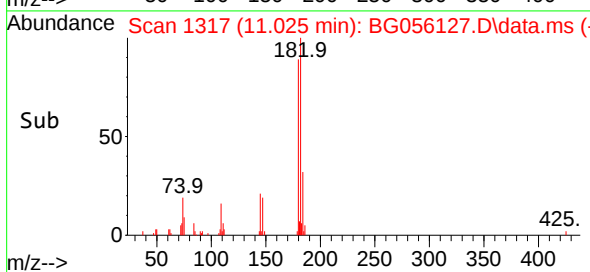
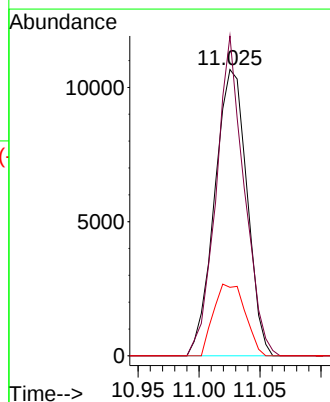
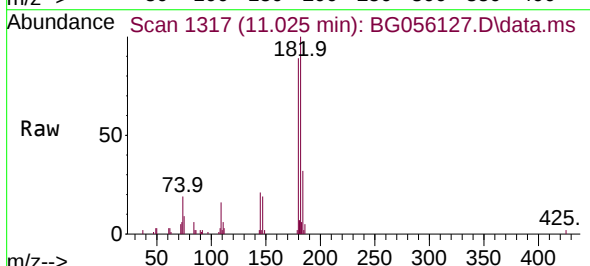
RT: 11.025 min Scan# 1317

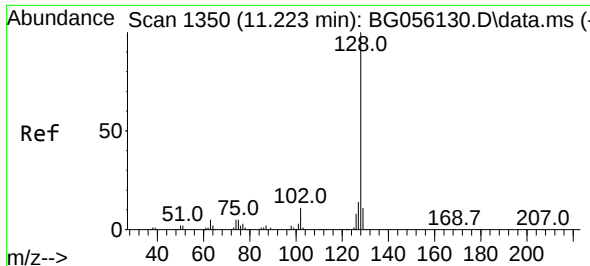
Delta R.T. -0.004 min

Lab File: BG056127.D

Acq: 27 Dec 2022 15:36

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 19658 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 118.8 | 77.0  | 115.4 |
| 145       | 24.0  | 17.4  | 26.2  |





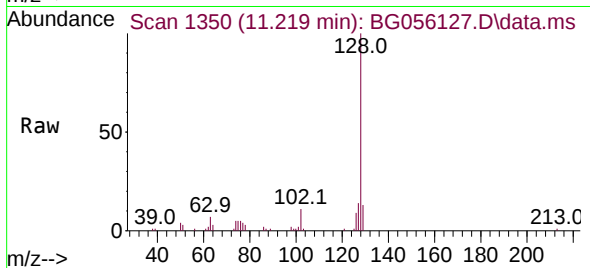
#31  
Naphthalene  
Concen: 5.091 ng  
RT: 11.219 min Scan# 1350  
Delta R.T. -0.004 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

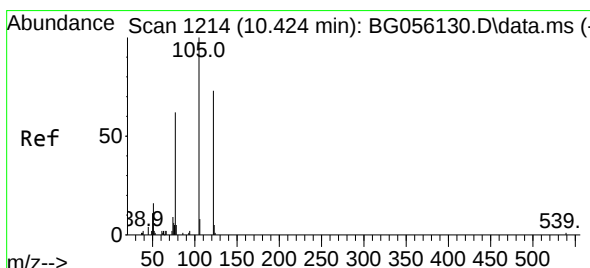
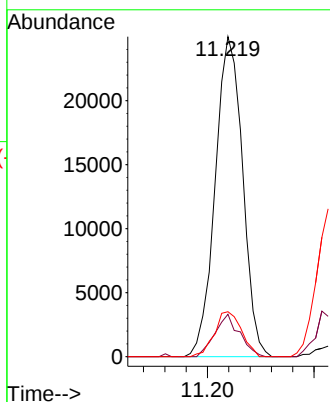
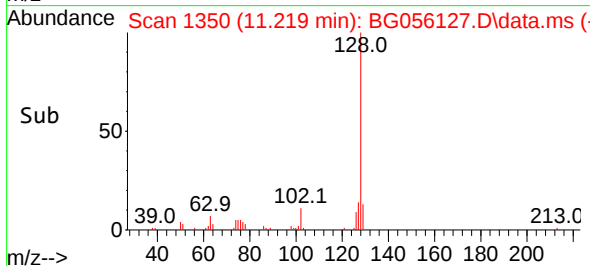


Tgt Ion:128 Resp: 44689  
Ion Ratio Lower Upper  
128 100  
129 13.2 8.9 13.3  
127 14.0 11.2 16.8

Manual Integrations

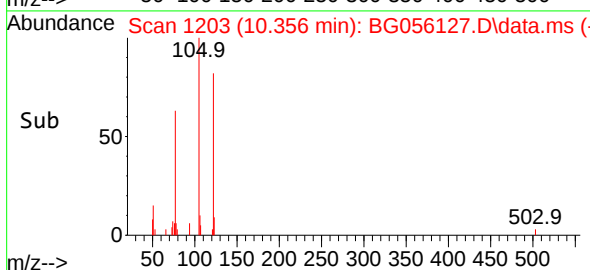
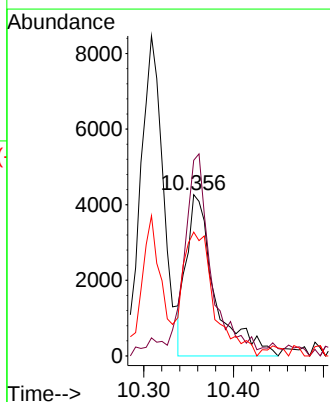
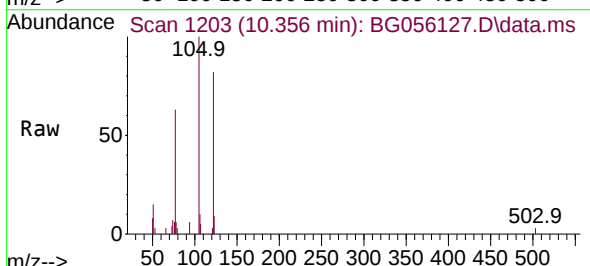
APPROVED

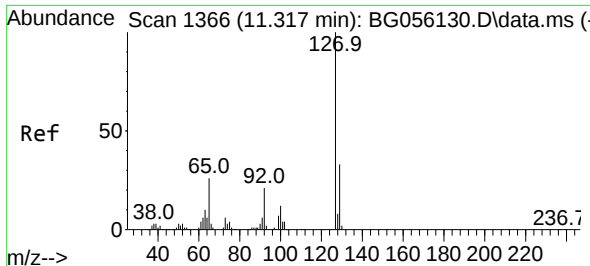
Reviewed By :Christian Giraldo 12/28/2022  
Supervised By :Jagrut Upadhyay 12/28/2022



#32  
Benzoic acid  
Concen: 5.109 ng  
RT: 10.356 min Scan# 1203  
Delta R.T. -0.068 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

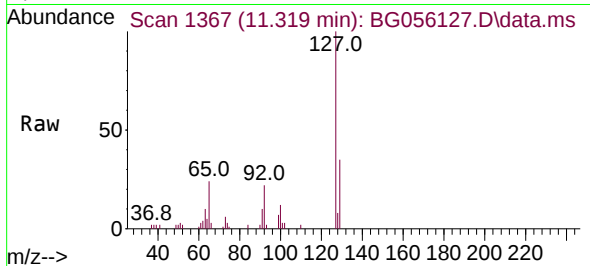
Tgt Ion:122 Resp: 9389  
Ion Ratio Lower Upper  
122 100  
105 121.3 109.0 149.0  
77 76.7 63.1 103.1





#33  
4-Chloroaniline  
Concen: 5.738 ng  
RT: 11.319 min Scan# 1366  
Delta R.T. 0.002 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

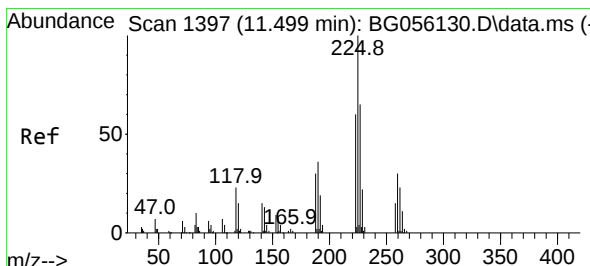
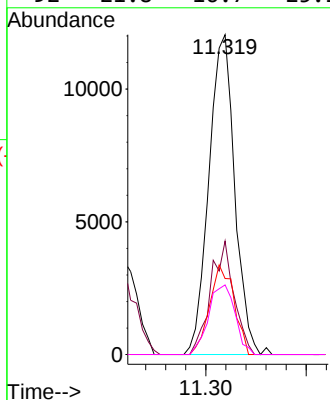
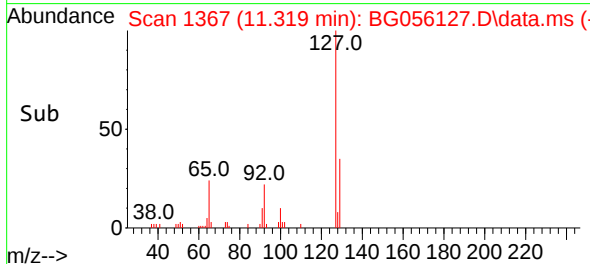
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion:127 Resp: 21592  
Ion Ratio Lower Upper  
127 100  
129 35.5 26.1 39.1  
65 23.8 20.9 31.3  
92 21.8 16.7 25.1

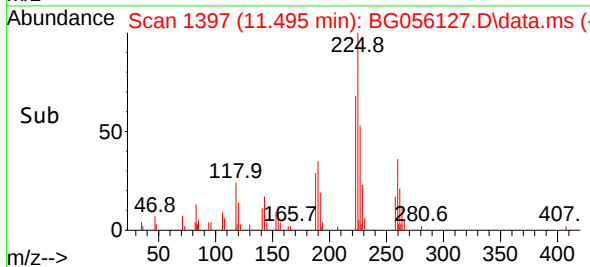
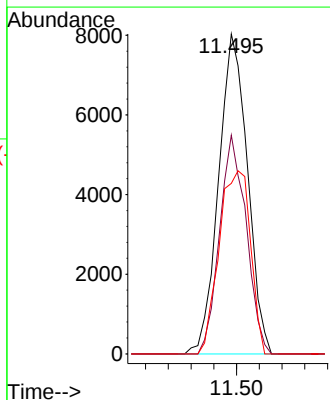
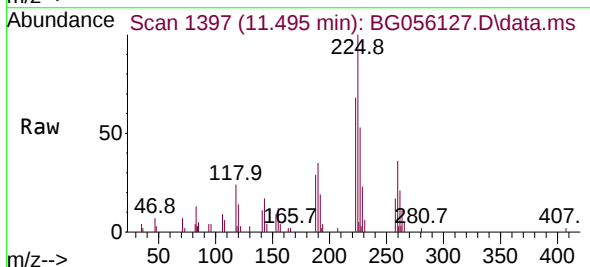
Manual Integrations  
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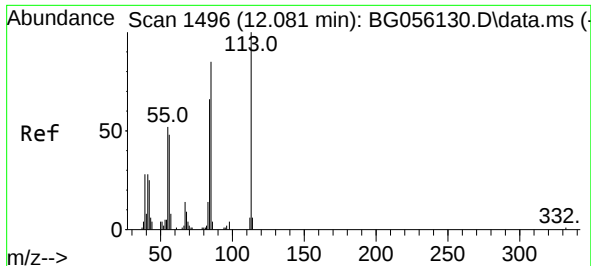
Reviewed By :Christian Giraldo 12/28/2022  
Supervised By :Jagrut Upadhyay 12/28/2022



#34  
Hexachlorobutadiene  
Concen: 3.418 ng  
RT: 11.495 min Scan# 1397  
Delta R.T. -0.004 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

Tgt Ion:225 Resp: 14125  
Ion Ratio Lower Upper  
225 100  
223 65.3 47.7 71.5  
227 53.9 52.3 78.5





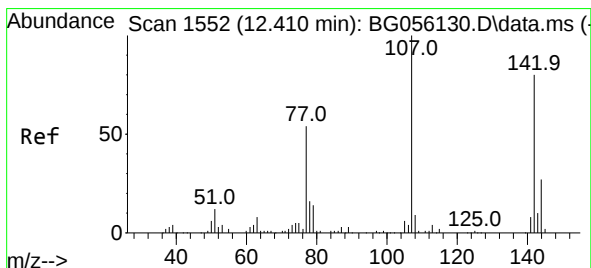
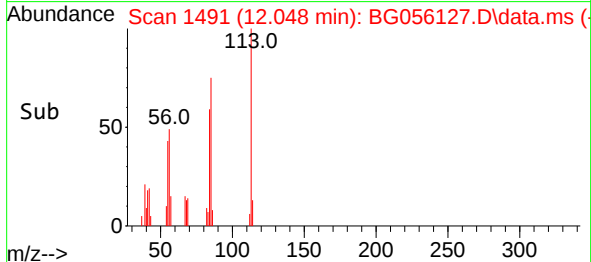
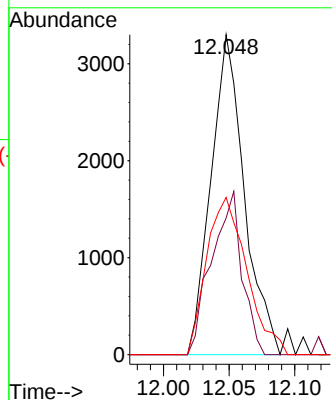
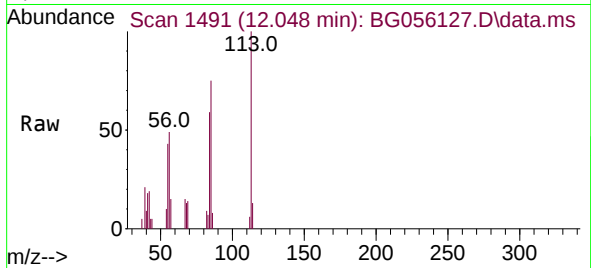
#35  
Caprolactam  
Concen: 6.177 ng  
RT: 12.048 min Scan# 1496  
Delta R.T. -0.033 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005

Tgt Ion:113 Resp: 5819  
Ion Ratio Lower Upper  
113 100  
55 42.7 31.9 71.9  
56 49.1 27.6 67.6

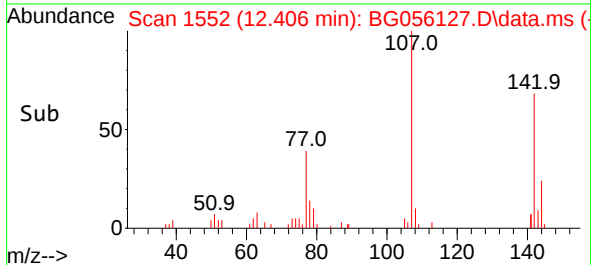
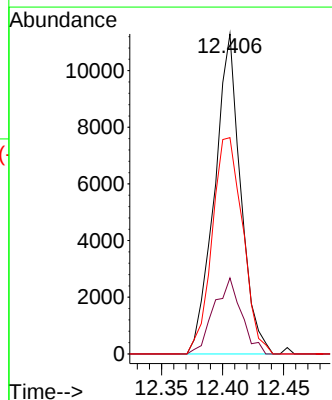
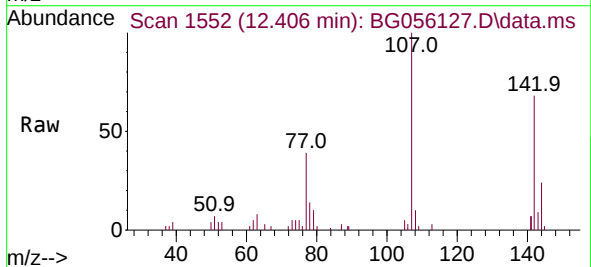
Manual Integrations  
APPROVED

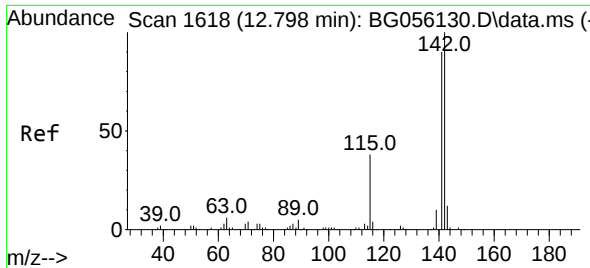
Reviewed By :Christian Giraldo 12/28/2022  
Supervised By :Jagrut Upadhyay 12/28/2022



#36  
4-Chloro-3-methylphenol  
Concen: 5.299 ng  
RT: 12.406 min Scan# 1552  
Delta R.T. -0.004 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

Tgt Ion:107 Resp: 16799  
Ion Ratio Lower Upper  
107 100  
144 23.7 21.5 32.3  
142 67.6 63.8 95.6





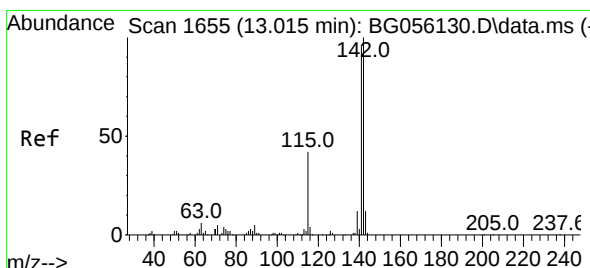
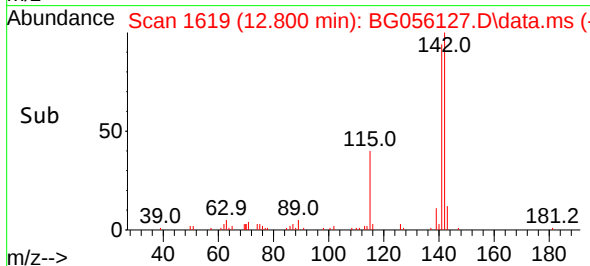
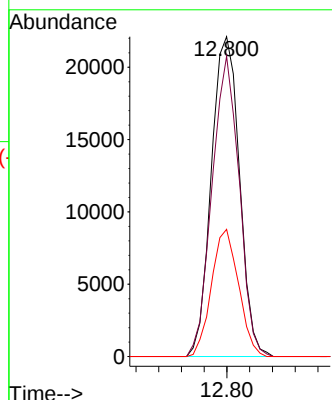
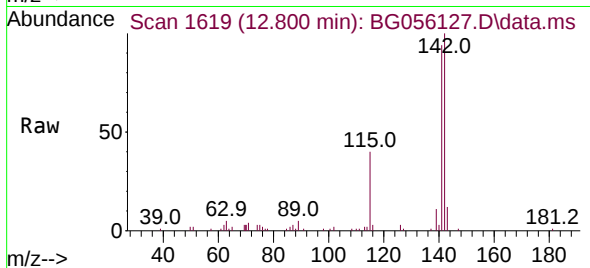
#37  
2-Methylnaphthalene  
Concen: 4.900 ng  
RT: 12.800 min Scan# 1618  
Delta R.T. 0.002 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005

Tgt Ion:142 Resp: 3800  
Ion Ratio Lower Upper  
142 100  
141 93.9 72.2 108.4  
115 39.8 30.7 46.1

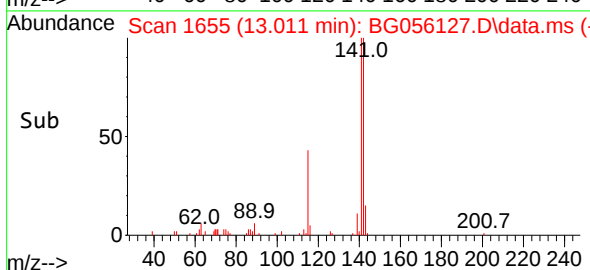
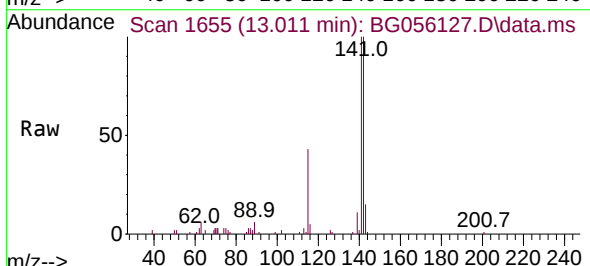
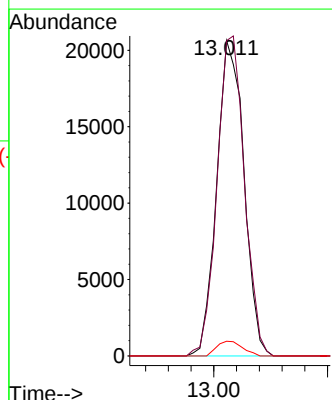
Manual Integrations  
APPROVED

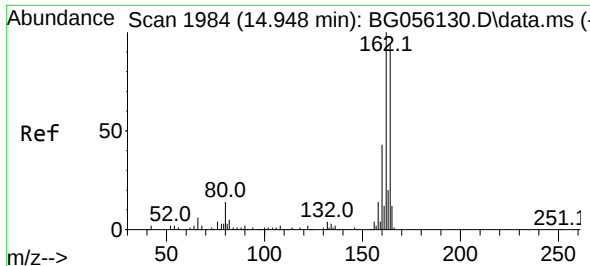
Reviewed By :Christian Giraldo 12/28/2022  
Supervised By :Jagrut Upadhyay 12/28/2022



#38  
1-Methylnaphthalene  
Concen: 4.542 ng  
RT: 13.011 min Scan# 1655  
Delta R.T. -0.004 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

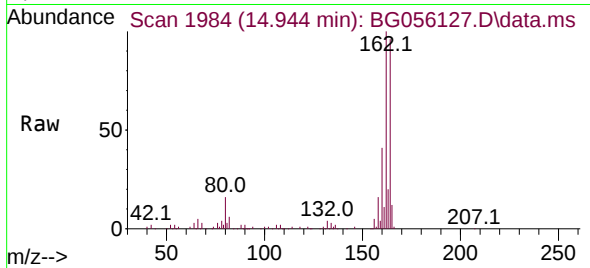
Tgt Ion:142 Resp: 34315  
Ion Ratio Lower Upper  
142 100  
141 100.0 77.0 115.6  
116 4.6 3.6 5.4





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.944 min Scan# 1984  
Delta R.T. -0.004 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

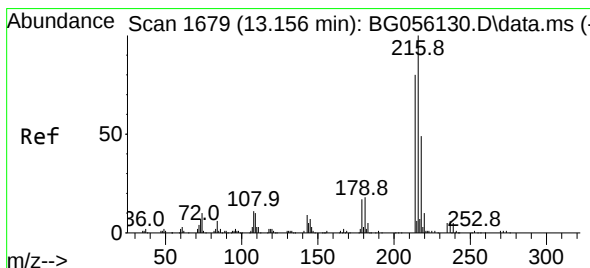
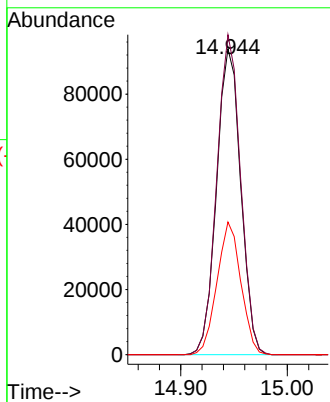
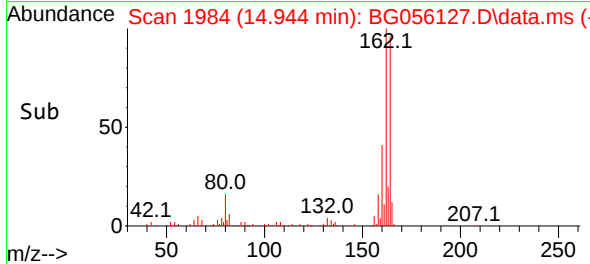
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



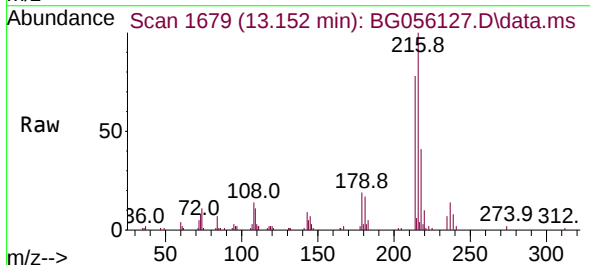
Tgt Ion:164 Resp: 148054  
Ion Ratio Lower Upper  
164 100  
162 104.7 84.7 127.1  
160 43.4 36.3 54.5

Manual Integrations  
APPROVED

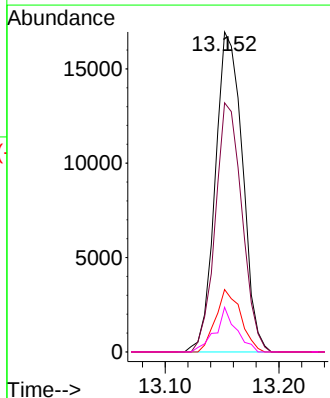
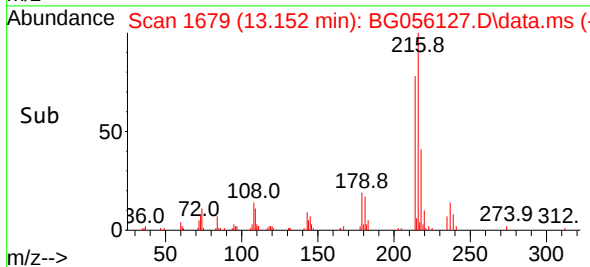
Reviewed By :Christian Giraldo 12/28/2022  
Supervised By :Jagrut Upadhyay 12/28/2022

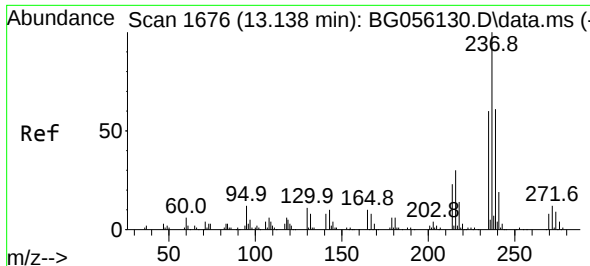


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 4.509 ng  
RT: 13.152 min Scan# 1679  
Delta R.T. -0.004 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36



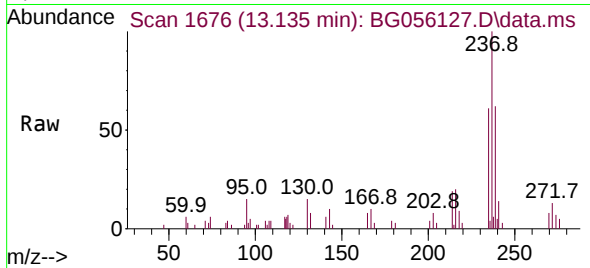
Tgt Ion:216 Resp: 28165  
Ion Ratio Lower Upper  
216 100  
214 76.3 63.4 95.0  
179 17.9 13.6 20.4  
108 10.6 9.6 14.4





#41  
Hexachlorocyclopentadiene  
Concen: 4.010 ng  
RT: 13.135 min Scan# 1676  
Delta R.T. -0.004 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

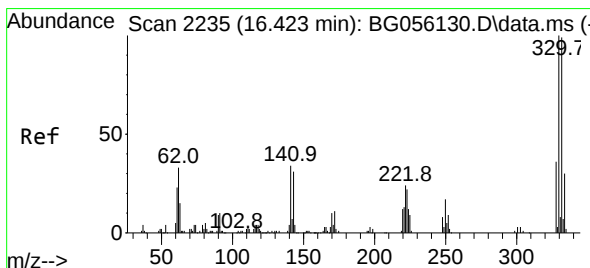
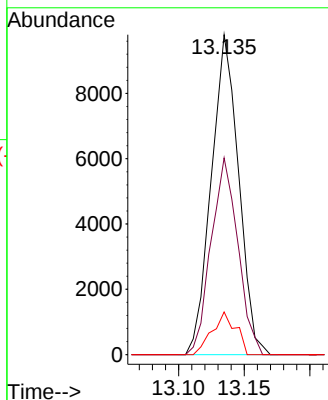
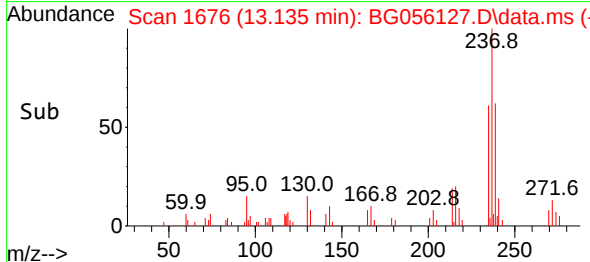
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



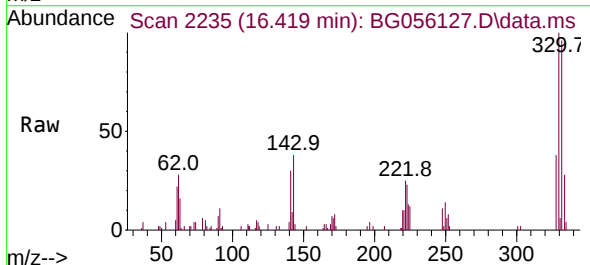
Tgt Ion:237 Resp: 14209  
Ion Ratio Lower Upper  
237 100  
235 61.5 40.3 80.3  
272 13.3 0.0 32.5

Manual Integrations  
APPROVED

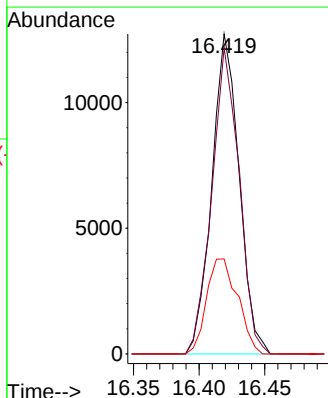
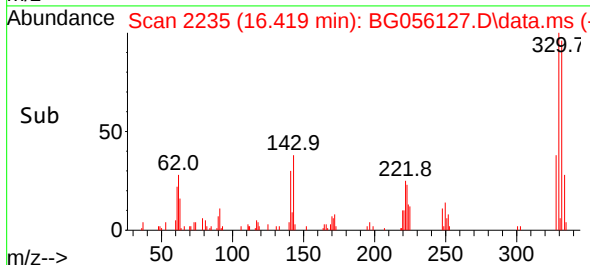
Reviewed By :Christian Giraldo 12/28/2022  
Supervised By :Jagrut Upadhyay 12/28/2022

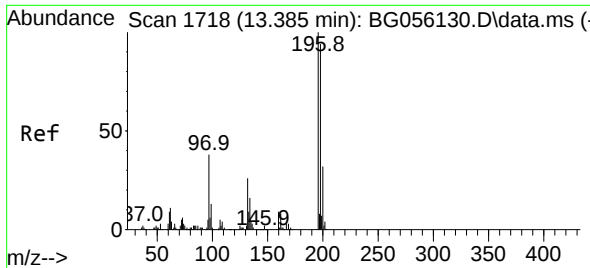


#42  
2,4,6-Tribromophenol  
Concen: 5.157 ng  
RT: 16.419 min Scan# 2235  
Delta R.T. -0.004 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36



Tgt Ion:330 Resp: 18409  
Ion Ratio Lower Upper  
330 100  
332 96.0 77.3 115.9  
141 33.7 27.9 41.9





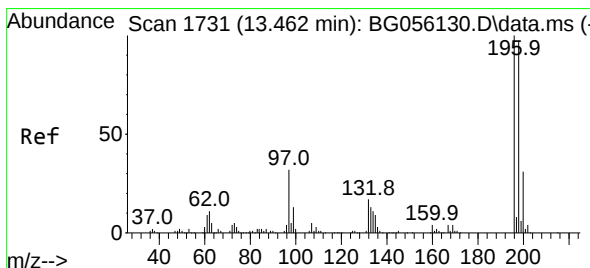
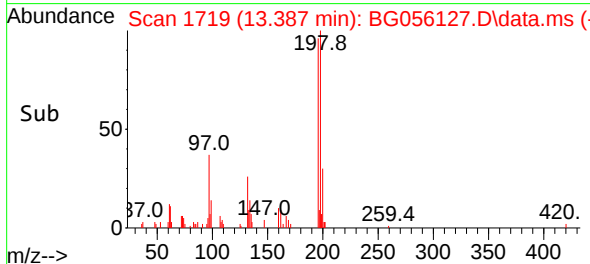
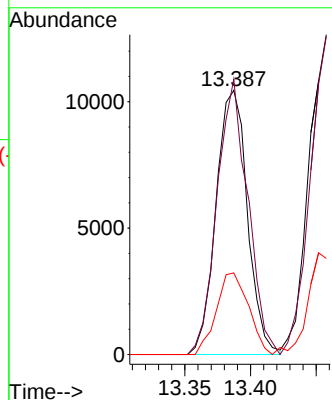
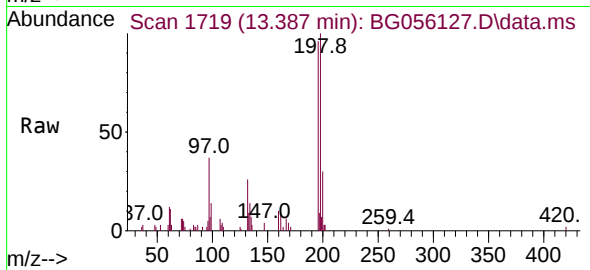
#43  
2,4,6-Trichlorophenol  
Concen: 4.705 ng  
RT: 13.387 min Scan# 1718  
Delta R.T. 0.002 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005

Tgt Ion:196 Resp: 17396  
Ion Ratio Lower Upper  
196 100  
198 104.2 75.5 113.3  
200 30.9 25.7 38.5

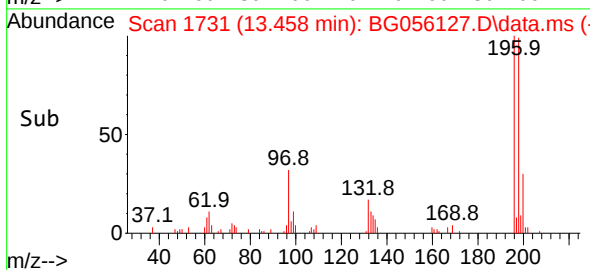
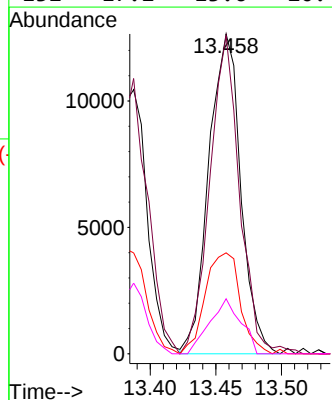
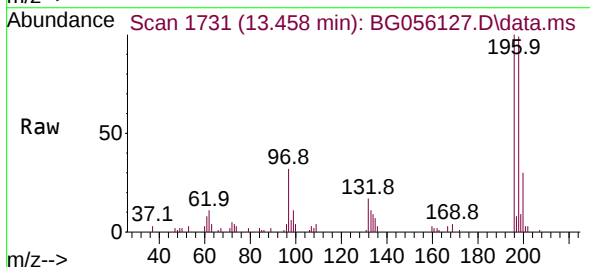
Manual Integrations  
APPROVED

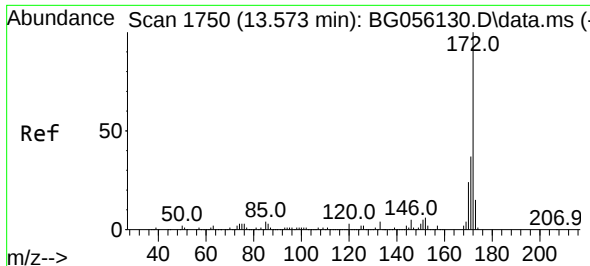
Reviewed By :Christian Giraldo 12/28/2022  
Supervised By :Jagrut Upadhyay 12/28/2022



#44  
2,4,5-Trichlorophenol  
Concen: 5.139 ng  
RT: 13.458 min Scan# 1731  
Delta R.T. -0.004 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

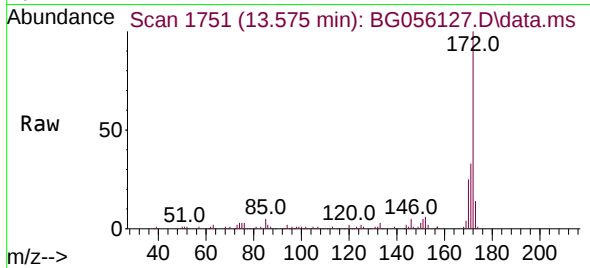
Tgt Ion:196 Resp: 21422  
Ion Ratio Lower Upper  
196 100  
198 99.4 78.0 117.0  
97 31.6 25.7 38.5  
132 17.2 13.6 20.4





#45  
2-Fluorobiphenyl  
Concen: 10.557 ng  
RT: 13.575 min Scan# 1750  
Delta R.T. 0.002 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

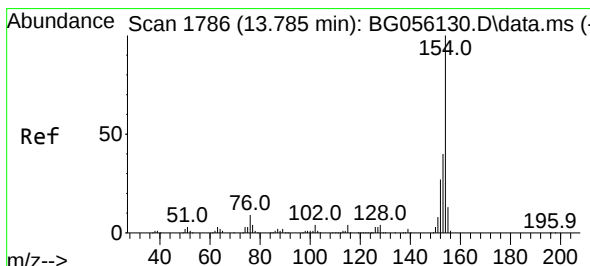
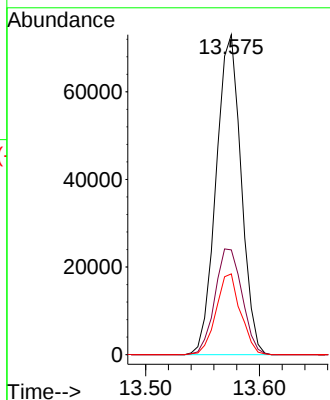
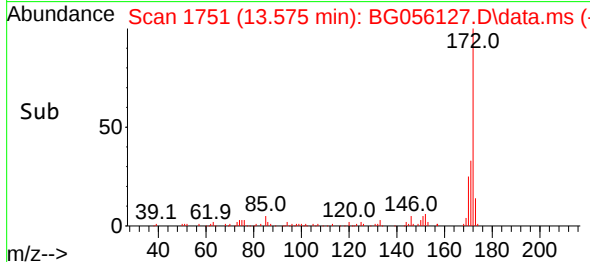
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



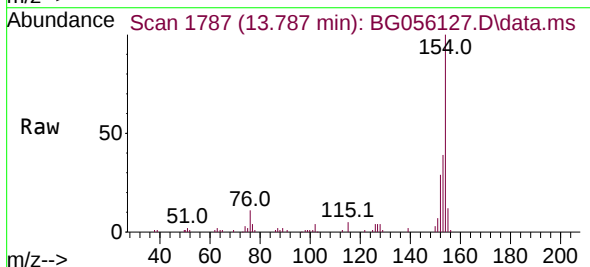
Tgt Ion:172 Resp: 111446  
Ion Ratio Lower Upper  
172 100  
171 32.7 29.6 44.4  
170 25.2 19.4 29.2

Manual Integrations  
APPROVED

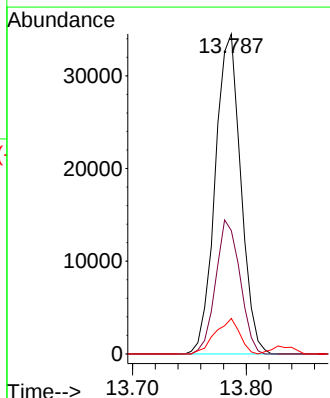
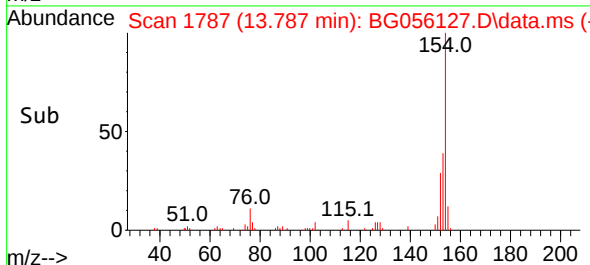
Reviewed By :Christian Giraldo 12/28/2022  
Supervised By :Jagrut Upadhyay 12/28/2022

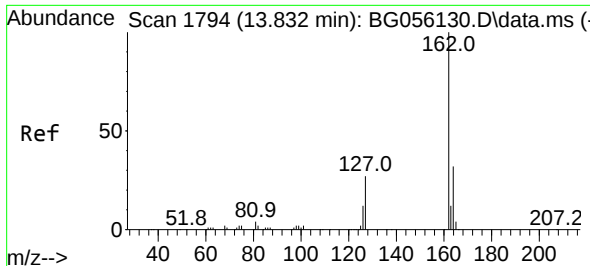


#46  
1,1'-Biphenyl  
Concen: 5.365 ng  
RT: 13.787 min Scan# 1787  
Delta R.T. 0.002 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36



Tgt Ion:154 Resp: 53840  
Ion Ratio Lower Upper  
154 100  
153 38.6 20.0 60.0  
76 11.1 0.0 29.3





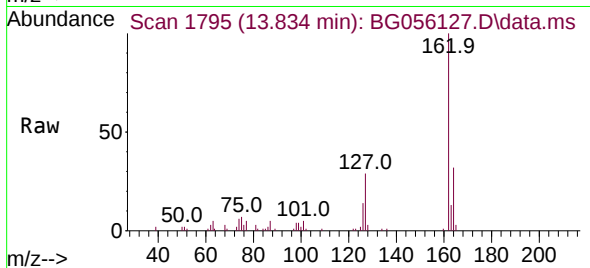
#47  
2-Chloronaphthalene  
Concen: 5.259 ng  
RT: 13.834 min Scan# 1794  
Delta R.T. 0.002 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

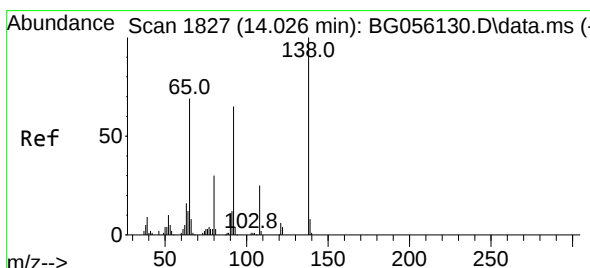
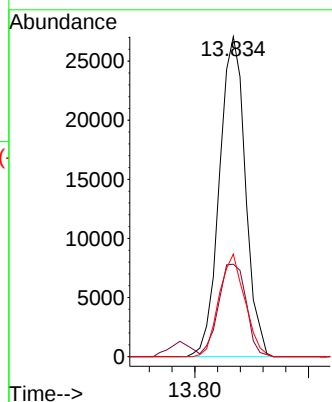
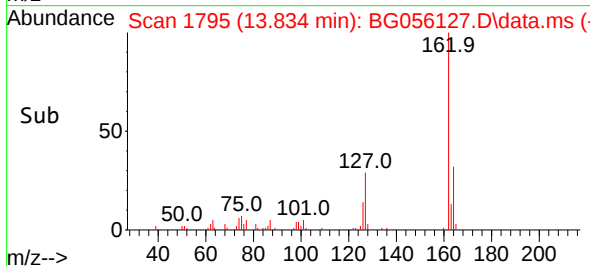


Tgt Ion:162 Resp: 42879  
Ion Ratio Lower Upper  
162 100  
127 28.9 24.6 36.8  
164 32.0 25.8 38.8

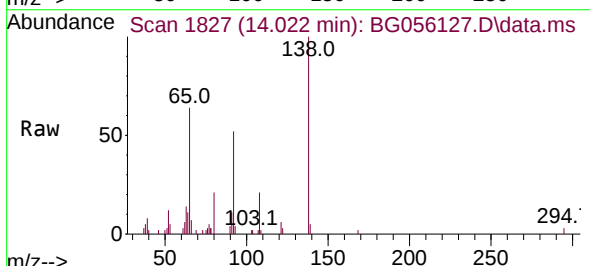
Manual Integrations

APPROVED

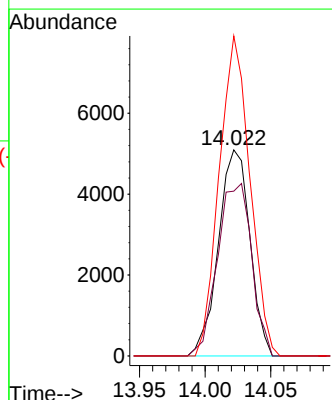
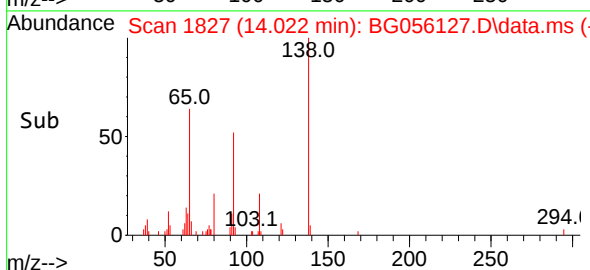
Reviewed By :Christian Giraldo 12/28/2022  
Supervised By :Jagrut Upadhyay 12/28/2022

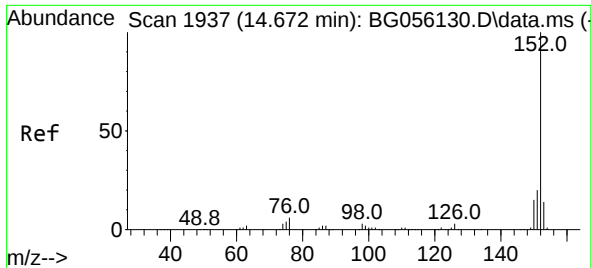


#48  
2-Nitroaniline  
Concen: 6.226 ng  
RT: 14.022 min Scan# 1827  
Delta R.T. -0.004 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36



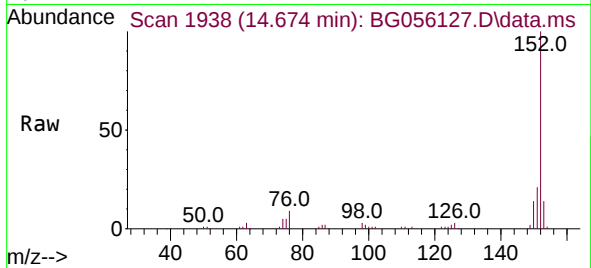
Tgt Ion: 65 Resp: 8493  
Ion Ratio Lower Upper  
65 100  
92 80.0 76.0 114.0  
138 155.4 116.6 174.8





#49  
Acenaphthylene  
Concen: 5.369 ng  
RT: 14.674 min Scan# 1937  
Delta R.T. 0.002 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

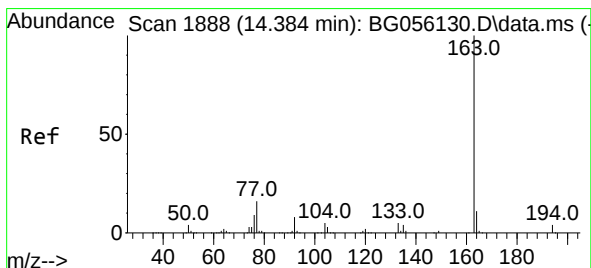
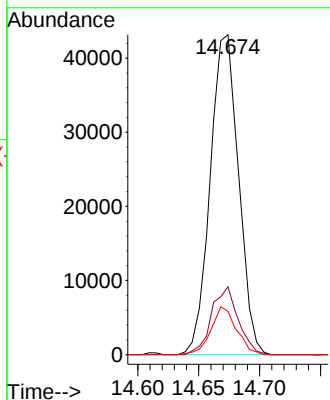
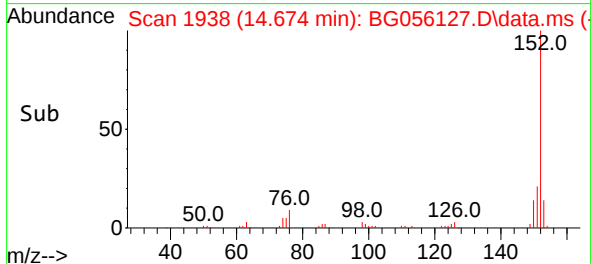
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



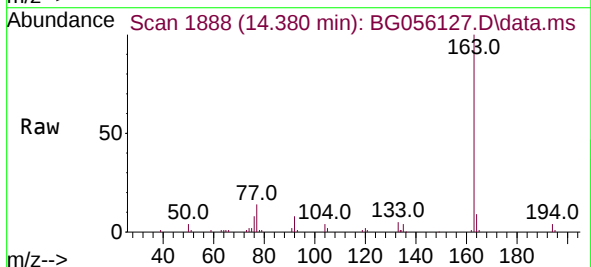
Tgt Ion:152 Resp: 69880  
Ion Ratio Lower Upper  
152 100  
151 21.2 16.0 24.0  
153 13.5 11.0 16.6

Manual Integrations  
APPROVED

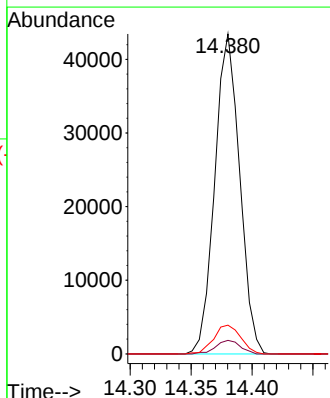
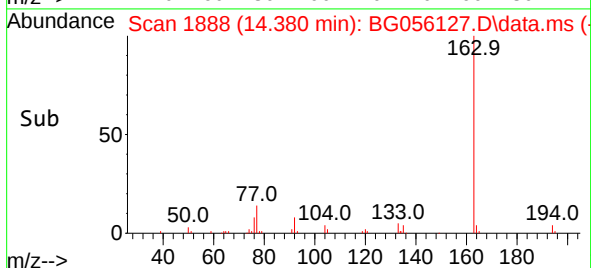
Reviewed By :Christian Giraldo 12/28/2022  
Supervised By :Jagrut Upadhyay 12/28/2022

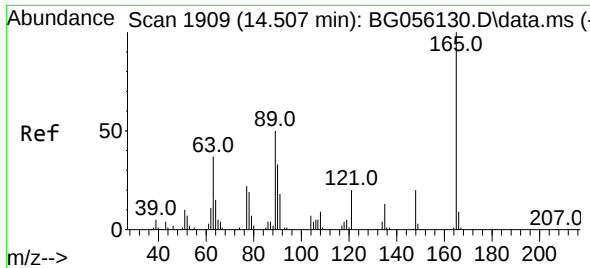


#50  
Dimethylphthalate  
Concen: 4.815 ng  
RT: 14.380 min Scan# 1888  
Delta R.T. -0.004 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36



Tgt Ion:163 Resp: 61635  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.5 5.3  
164 9.0 8.7 13.1





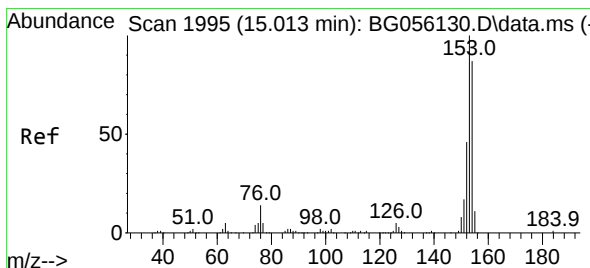
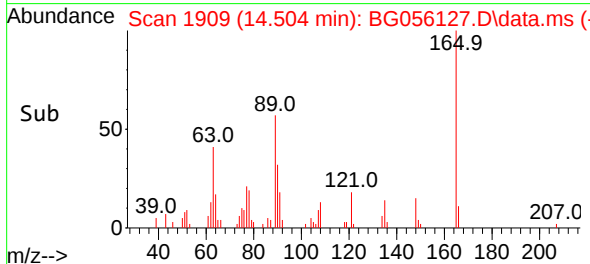
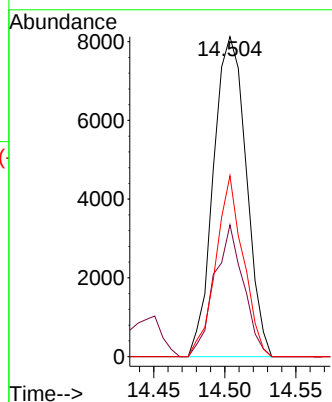
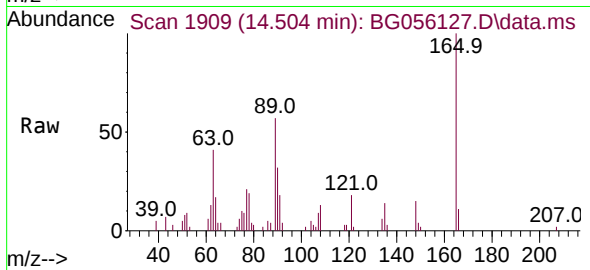
#51  
2,6-Dinitrotoluene  
Concen: 6.591 ng  
RT: 14.504 min Scan# 1909  
Delta R.T. -0.004 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005

Tgt Ion:165 Resp: 13056  
Ion Ratio Lower Upper  
165 100  
63 41.2 32.2 48.2  
89 56.6 39.8 59.8

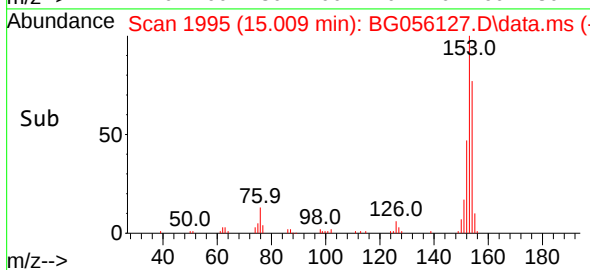
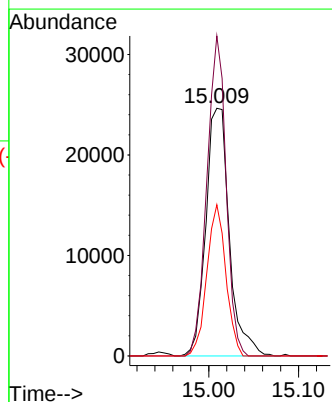
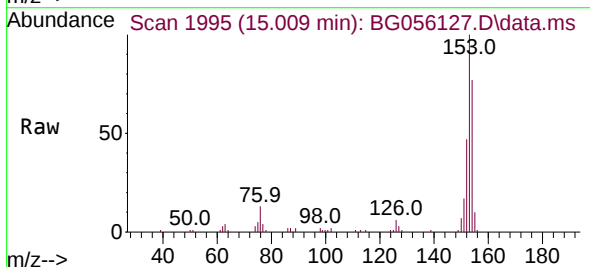
Manual Integrations  
APPROVED

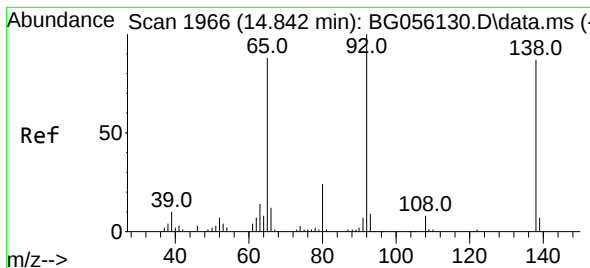
Reviewed By :Christian Giraldo 12/28/2022  
Supervised By :Jagrut Upadhyay 12/28/2022



#52  
Acenaphthene  
Concen: 5.152 ng  
RT: 15.009 min Scan# 1995  
Delta R.T. -0.004 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

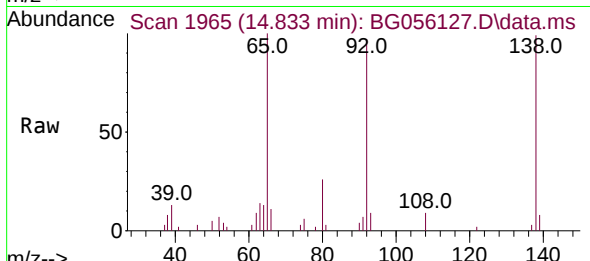
Tgt Ion:154 Resp: 45016  
Ion Ratio Lower Upper  
154 100  
153 129.3 92.0 138.0  
152 61.0 42.5 63.7





#53  
3-Nitroaniline  
Concen: 6.168 ng  
RT: 14.833 min Scan# 1966  
Delta R.T. -0.010 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

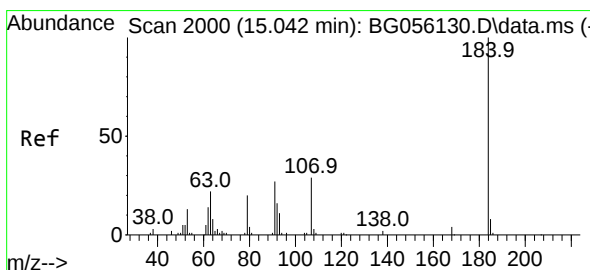
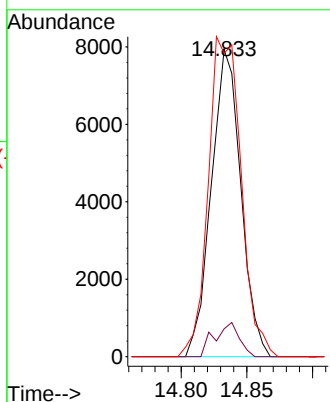
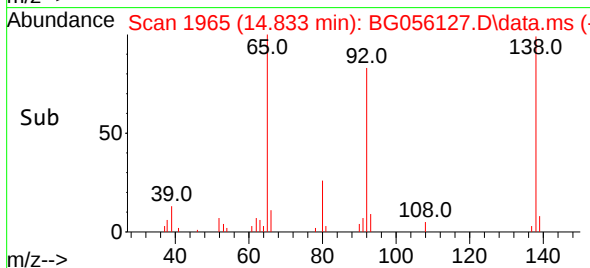
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion:138 Resp: 1242  
Ion Ratio Lower Upper  
138 100  
108 9.0 7.6 11.4  
92 98.8 91.7 137.5

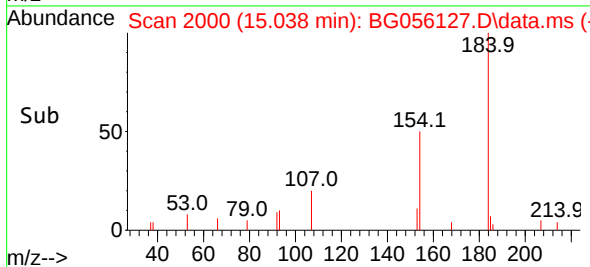
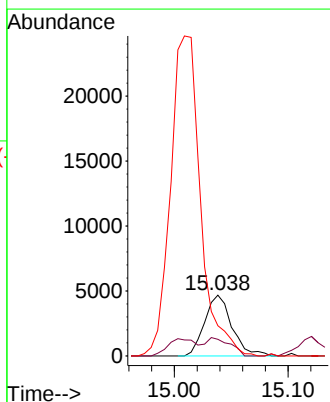
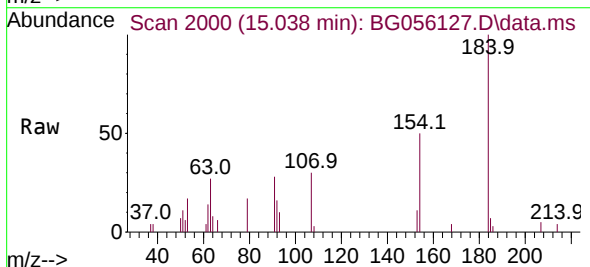
Manual Integrations  
APPROVED

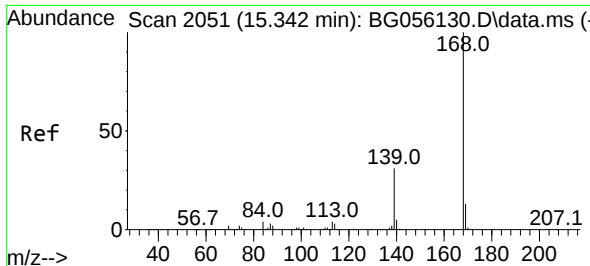
Reviewed By :Christian Giraldo 12/28/2022  
Supervised By :Jagrut Upadhyay 12/28/2022



#54  
2,4-Dinitrophenol  
Concen: 5.260 ng  
RT: 15.038 min Scan# 2000  
Delta R.T. -0.004 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

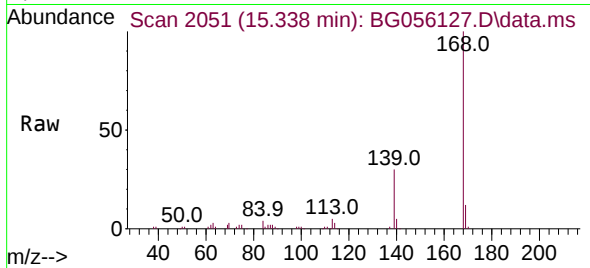
Tgt Ion:184 Resp: 7746  
Ion Ratio Lower Upper  
184 100  
63 27.2 24.0 36.0  
154 49.8 45.4 68.0





#55  
Dibenzofuran  
Concen: 5.133 ng  
RT: 15.338 min Scan# 2051  
Delta R.T. -0.004 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

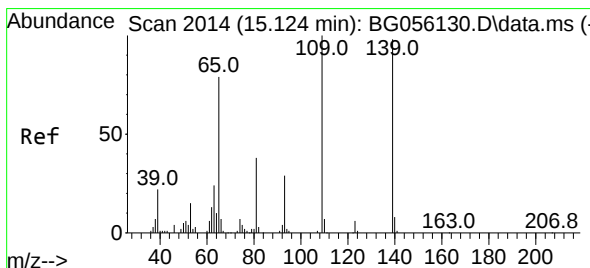
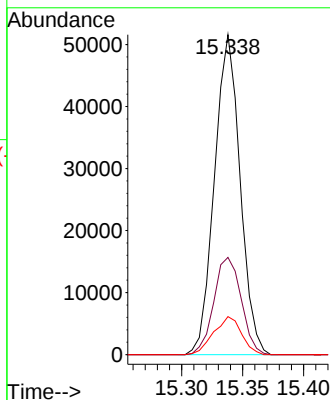
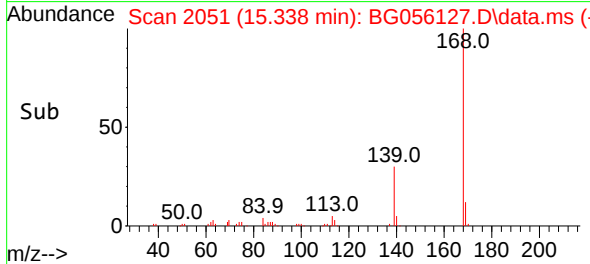
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



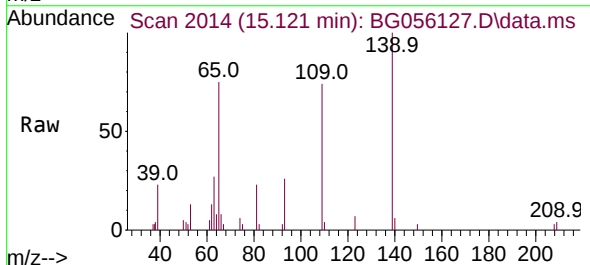
Tgt Ion:168 Resp: 75416  
Ion Ratio Lower Upper  
168 100  
139 30.4 24.7 37.1  
169 11.9 10.3 15.5

Manual Integrations  
APPROVED

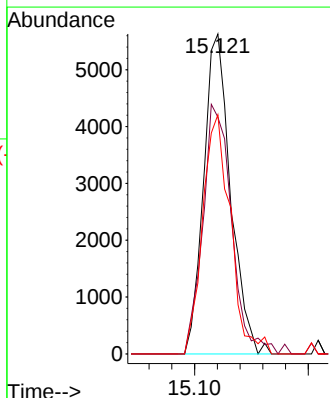
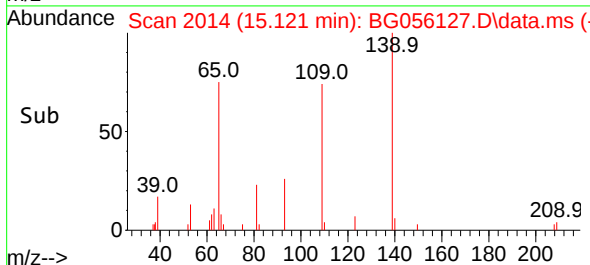
Reviewed By :Christian Giraldo 12/28/2022  
Supervised By :Jagrut Upadhyay 12/28/2022

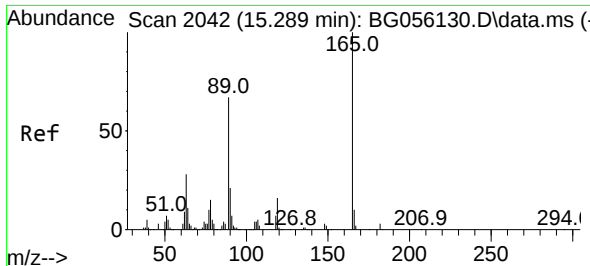


#56  
4-Nitrophenol  
Concen: 5.743 ng  
RT: 15.121 min Scan# 2014  
Delta R.T. -0.004 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36



Tgt Ion:139 Resp: 9272  
Ion Ratio Lower Upper  
139 100  
109 74.0 82.2 122.2#  
65 74.7 60.6 100.6





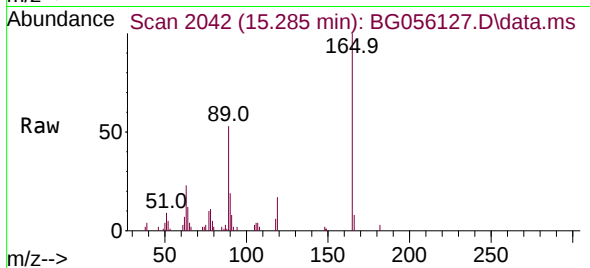
#57  
2,4-Dinitrotoluene  
Concen: 5.778 ng  
RT: 15.285 min Scan# 2042  
Delta R.T. -0.004 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

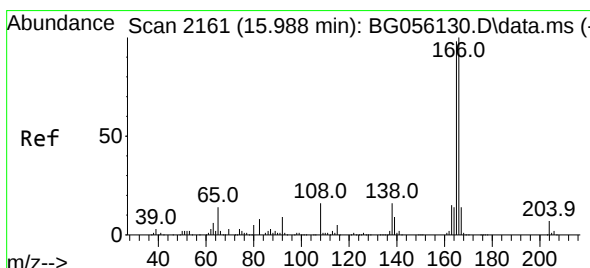
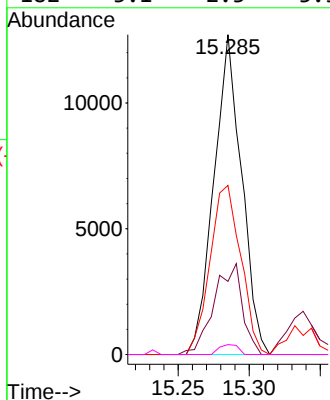
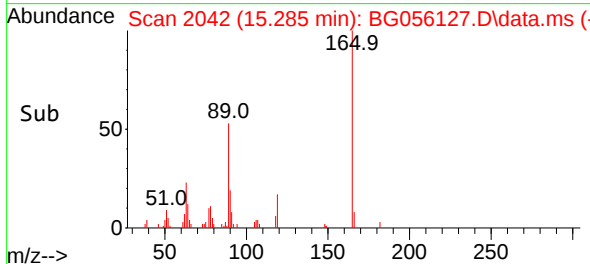


Tgt Ion:165 Resp: 17276  
Ion Ratio Lower Upper  
165 100  
63 22.9 22.6 34.0  
89 52.9 53.2 79.8  
182 3.1 2.3 3.5

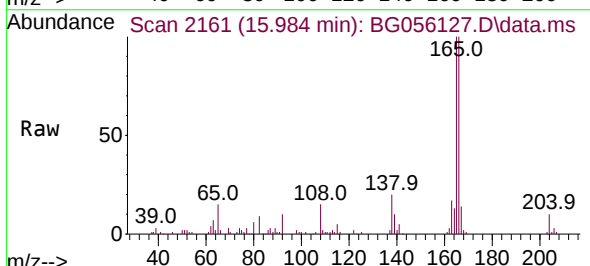
Manual Integrations

APPROVED

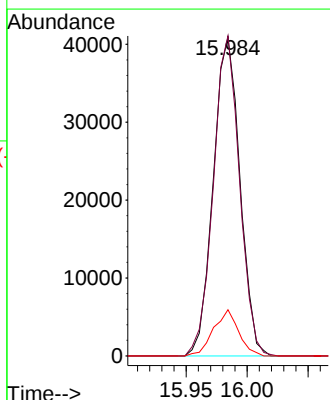
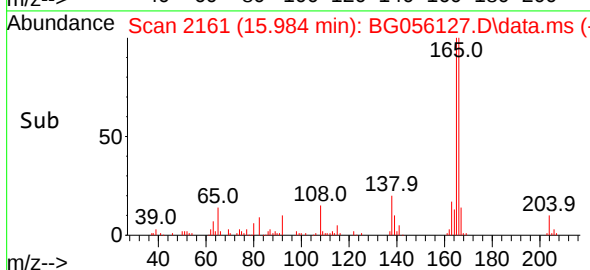
Reviewed By :Christian Giraldo 12/28/2022  
Supervised By :Jagrut Upadhyay 12/28/2022

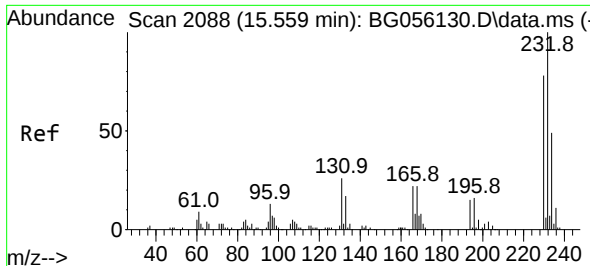


#58  
Fluorene  
Concen: 5.173 ng  
RT: 15.984 min Scan# 2161  
Delta R.T. -0.004 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36



Tgt Ion:166 Resp: 62138  
Ion Ratio Lower Upper  
166 100  
165 100.4 78.6 118.0  
167 14.5 11.1 16.7





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 4.162 ng  
RT: 15.555 min Scan# 2088  
Delta R.T. -0.004 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

Instrument :

BNA\_G

ClientSampleId :

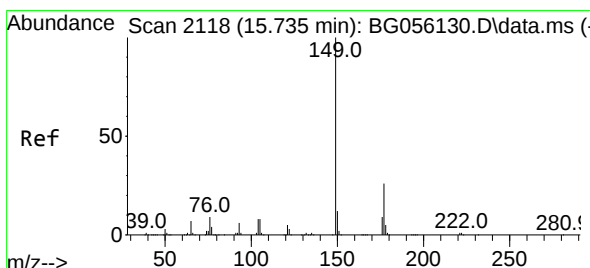
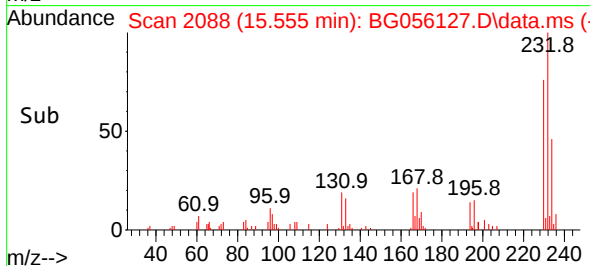
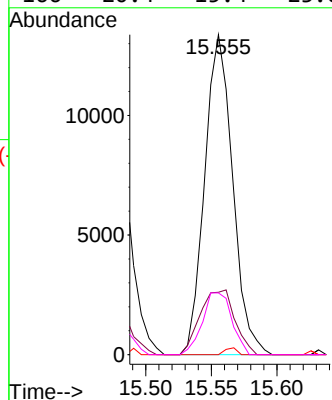
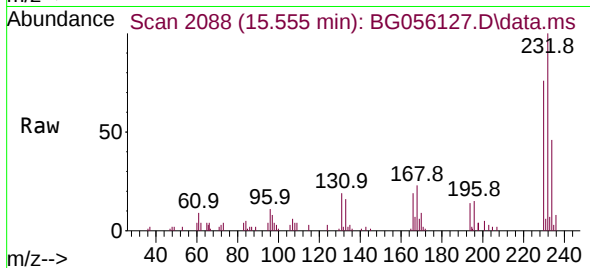
SSTDICC005

Tgt Ion:232 Resp: 19819  
Ion Ratio Lower Upper  
232 100  
131 25.1 21.4 32.2  
130 0.9 1.4 2.0  
166 20.4 15.4 23.0

Manual Integrations

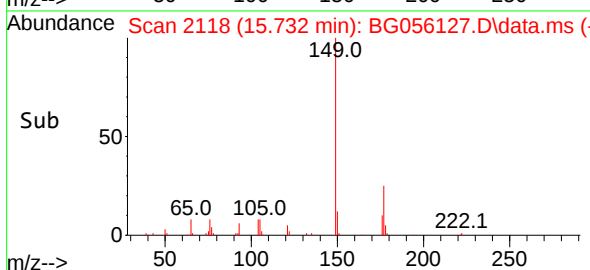
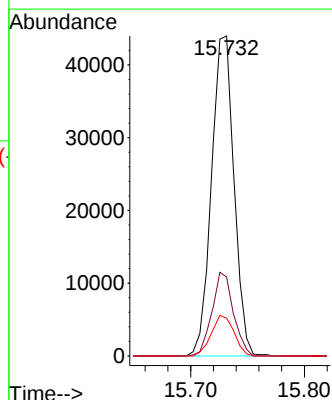
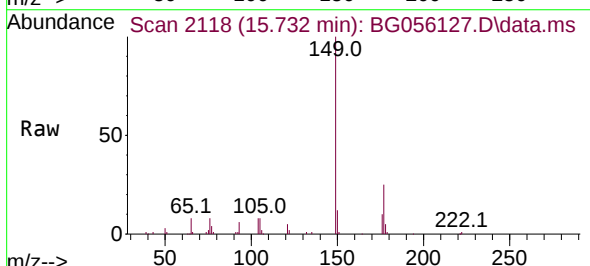
APPROVED

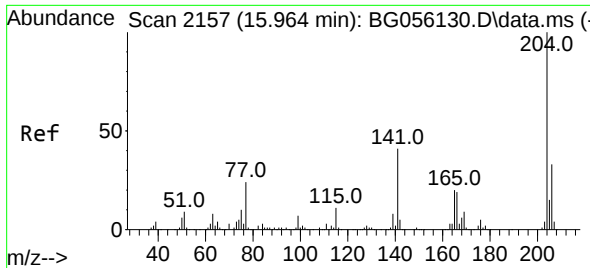
Reviewed By :Christian Giraldo 12/28/2022  
Supervised By :Jagrut Upadhyay 12/28/2022



#60  
Diethylphthalate  
Concen: 4.832 ng  
RT: 15.732 min Scan# 2118  
Delta R.T. -0.004 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

Tgt Ion:149 Resp: 60456  
Ion Ratio Lower Upper  
149 100  
177 24.6 20.6 31.0  
150 11.8 9.9 14.9





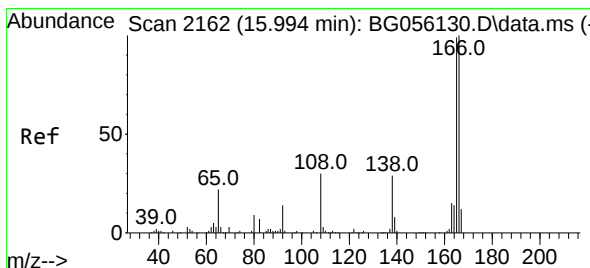
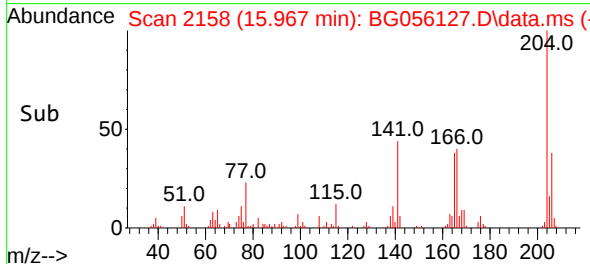
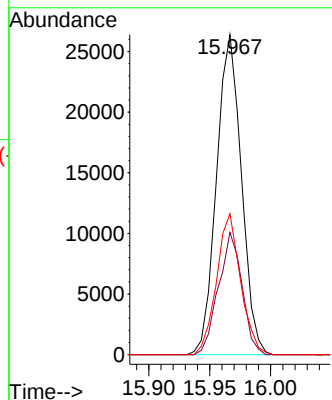
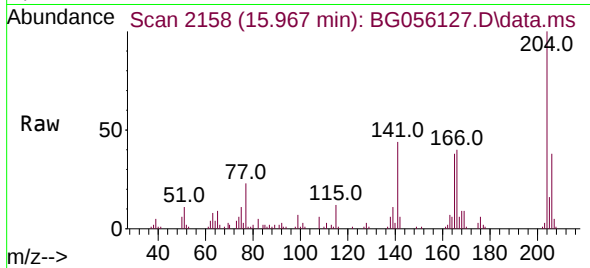
#61  
4-Chlorophenyl-phenylether  
Concen: 4.574 ng  
RT: 15.967 min Scan# 2157  
Delta R.T. 0.002 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005

Tgt Ion:204 Resp: 37424  
Ion Ratio Lower Upper  
204 100  
206 38.2 26.4 39.6  
141 44.0 33.0 49.4

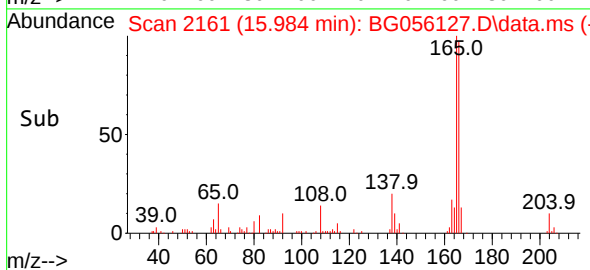
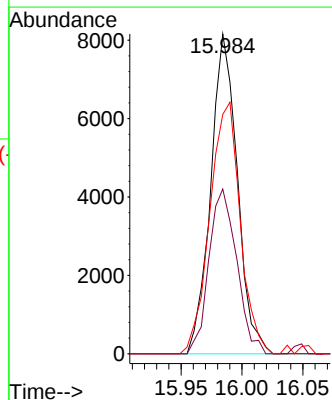
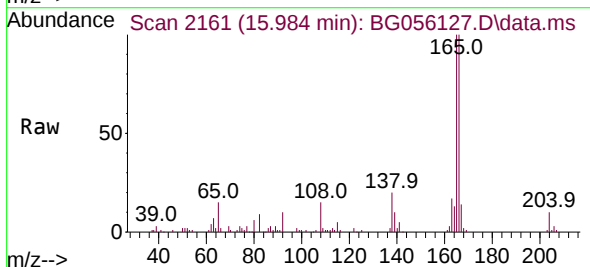
Manual Integrations  
APPROVED

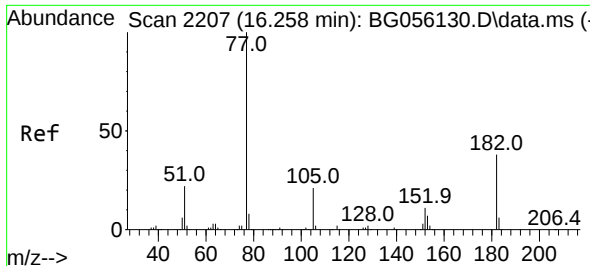
Reviewed By :Christian Giraldo 12/28/2022  
Supervised By :Jagrut Upadhyay 12/28/2022



#62  
4-Nitroaniline  
Concen: 5.658 ng  
RT: 15.984 min Scan# 2161  
Delta R.T. -0.010 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

Tgt Ion:138 Resp: 12414  
Ion Ratio Lower Upper  
138 100  
92 51.5 28.6 68.6  
108 74.8 83.4 123.4#





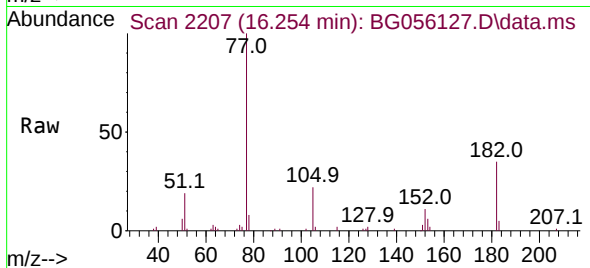
#63  
Azobenzene  
Concen: 5.964 ng  
RT: 16.254 min Scan# 2207  
Delta R.T. -0.004 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

Instrument :

BNA\_G

ClientSampleId :

SSTDICC005

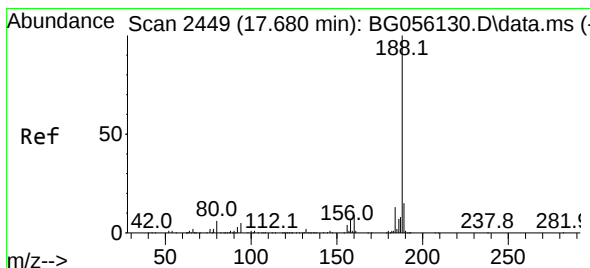
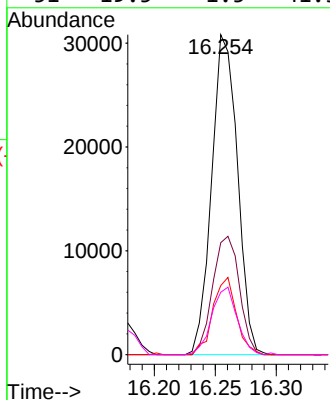
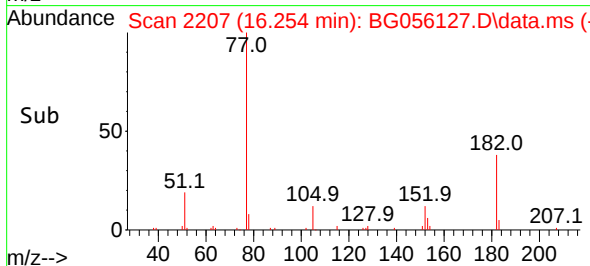


Tgt Ion: 77 Resp: 45417  
Ion Ratio Lower Upper  
77 100  
182 35.0 18.5 58.5  
105 21.6 1.4 41.4  
51 19.5 1.5 41.5

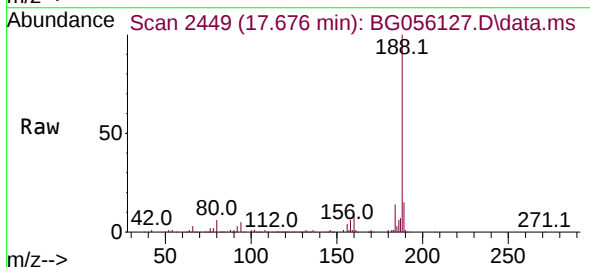
Manual Integrations

APPROVED

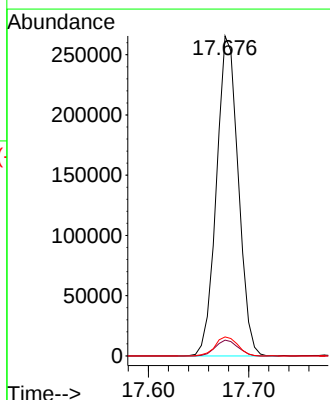
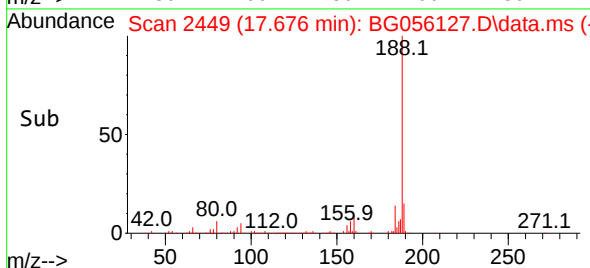
Reviewed By :Christian Giraldo 12/28/2022  
Supervised By :Jagrut Upadhyay 12/28/2022

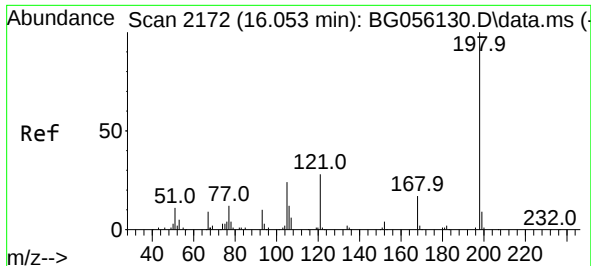


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.676 min Scan# 2449  
Delta R.T. -0.004 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36



Tgt Ion:188 Resp: 400254  
Ion Ratio Lower Upper  
188 100  
94 4.9 4.2 6.2  
80 5.9 5.0 7.4





#65  
4,6-Dinitro-2-methylphenol  
Concen: 6.512 ng  
RT: 16.049 min Scan# 2172  
Delta R.T. -0.004 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

Instrument :

BNA\_G

ClientSampleId :

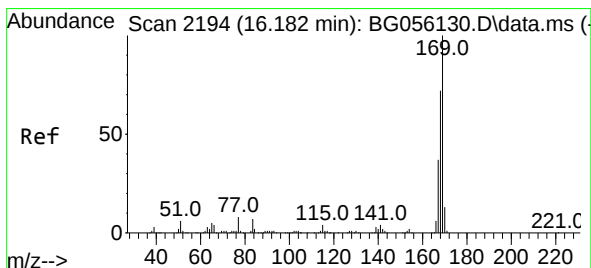
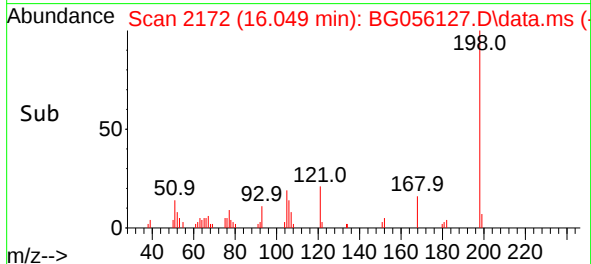
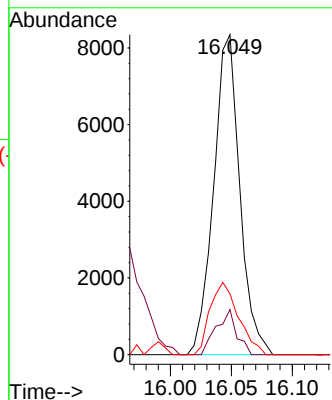
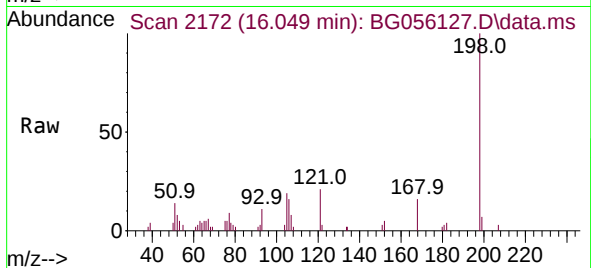
SSTDICC005

Tgt Ion:198 Resp: 12452  
Ion Ratio Lower Upper  
198 100  
51 14.1 0.0 33.2  
105 19.0 4.9 44.9

Manual Integrations

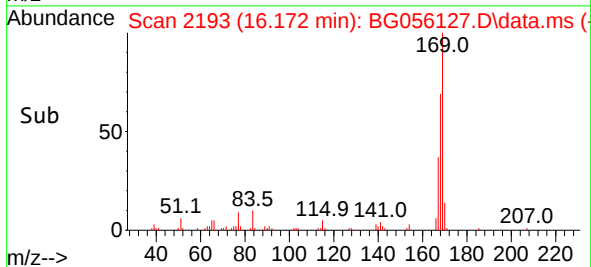
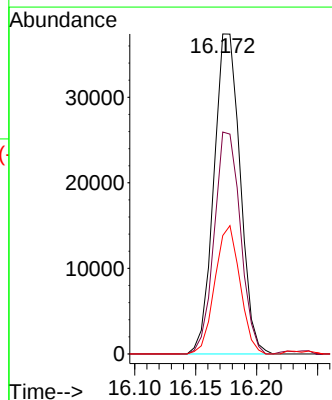
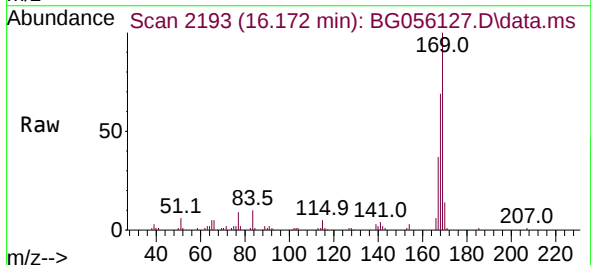
APPROVED

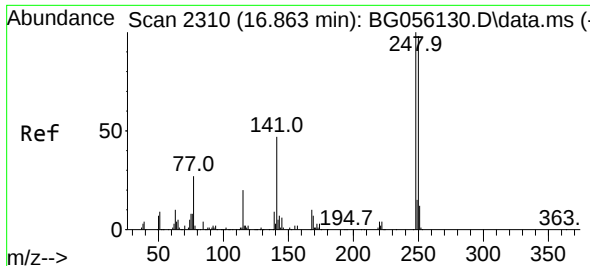
Reviewed By :Christian Giraldo 12/28/2022  
Supervised By :Jagrut Upadhyay 12/28/2022



#66  
n-Nitrosodiphenylamine  
Concen: 5.333 ng  
RT: 16.172 min Scan# 2193  
Delta R.T. -0.010 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

Tgt Ion:169 Resp: 55941  
Ion Ratio Lower Upper  
169 100  
168 69.3 58.0 87.0  
167 37.0 30.0 45.0





#67  
4-Bromophenyl-phenylether  
Concen: 4.395 ng  
RT: 16.860 min Scan# 2310  
Delta R.T. -0.004 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

Instrument :

BNA\_G

ClientSampleId :

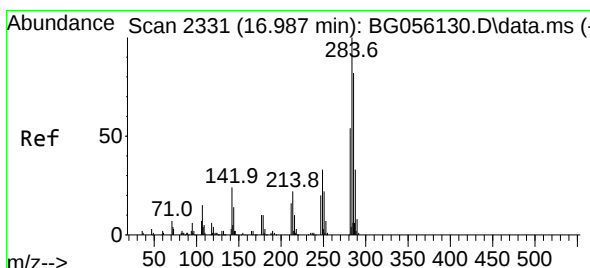
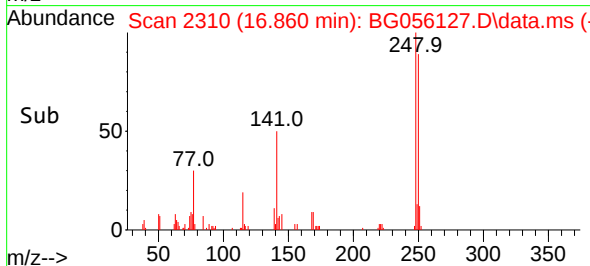
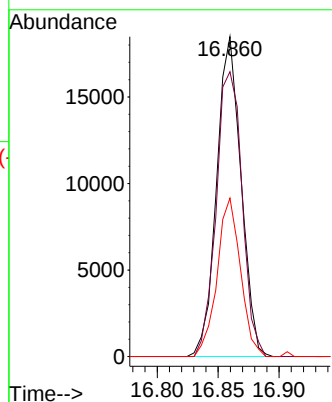
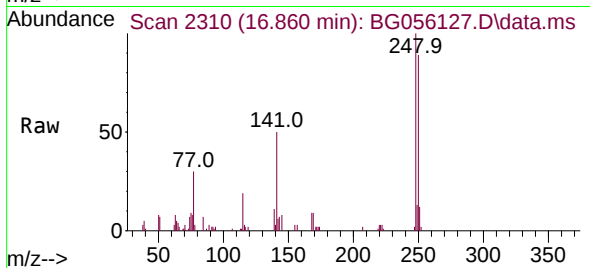
SSTDICC005

Tgt Ion:248 Resp: 25775  
Ion Ratio Lower Upper  
248 100  
250 89.0 78.2 117.4  
141 49.5 37.6 56.4

Manual Integrations

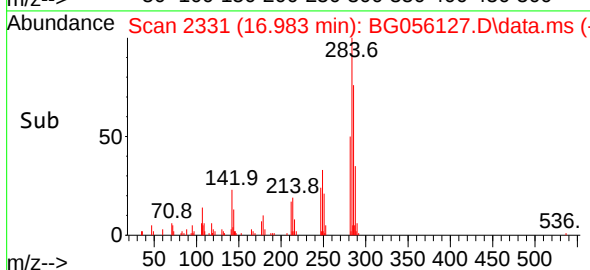
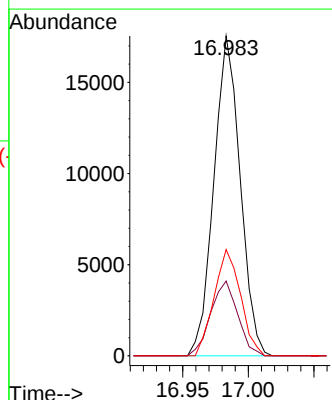
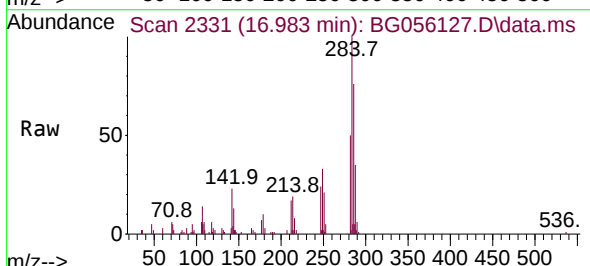
APPROVED

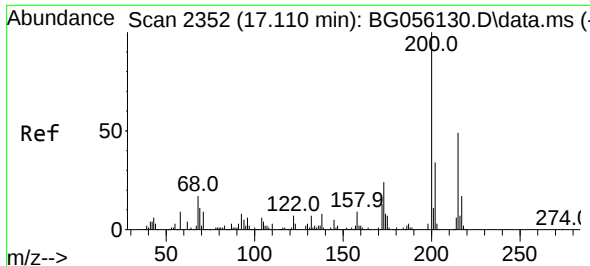
Reviewed By :Christian Giraldo 12/28/2022  
Supervised By :Jagrut Upadhyay 12/28/2022



#68  
Hexachlorobenzene  
Concen: 3.394 ng  
RT: 16.983 min Scan# 2331  
Delta R.T. -0.004 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

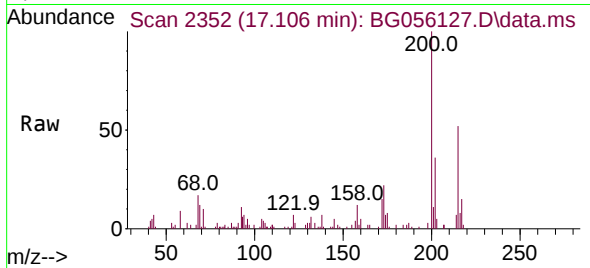
Tgt Ion:284 Resp: 24520  
Ion Ratio Lower Upper  
284 100  
142 23.4 19.0 28.6  
249 34.9 26.6 39.8





#69  
 Atrazine  
 Concen: 4.817 ng  
 RT: 17.106 min Scan# 2352  
 Delta R.T. -0.004 min  
 Lab File: BG056127.D  
 Acq: 27 Dec 2022 15:36

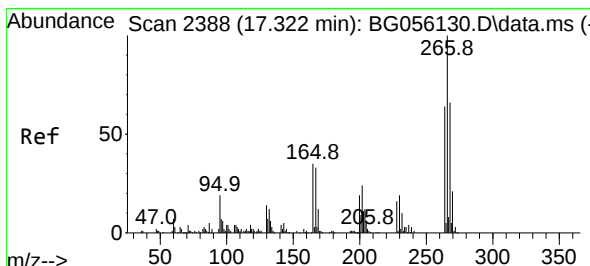
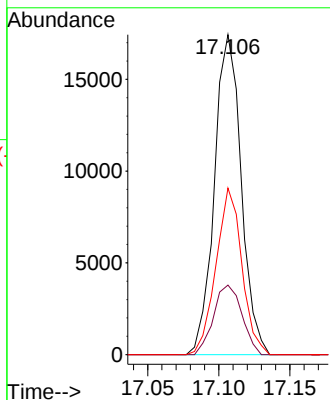
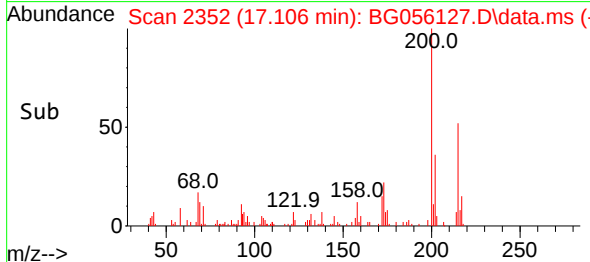
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC005



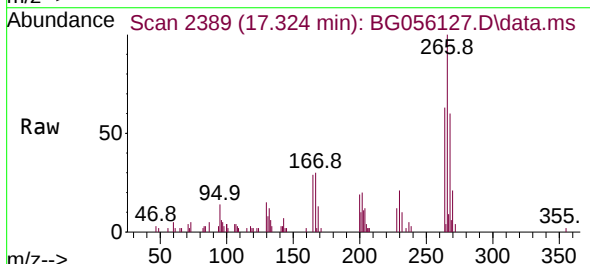
Tgt Ion:200 Resp: 22878  
 Ion Ratio Lower Upper  
 200 100  
 173 21.7 4.0 44.0  
 215 52.0 29.1 69.1

Manual Integrations  
 APPROVED

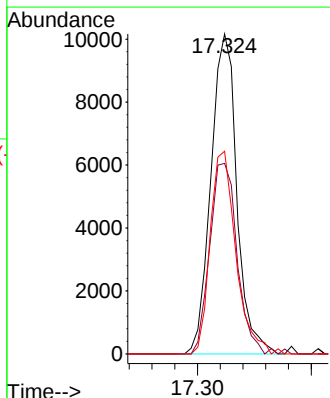
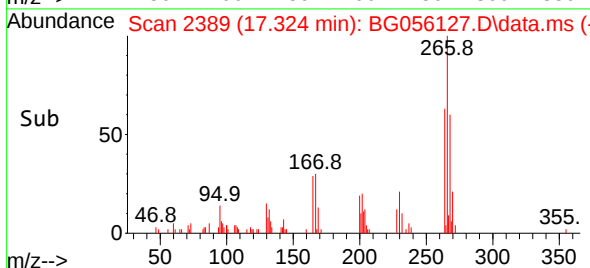
Reviewed By :Christian Giraldo 12/28/2022  
 Supervised By :Jagrut Upadhyay 12/28/2022

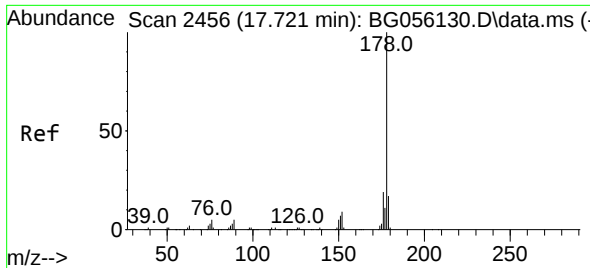


#70  
 Pentachlorophenol  
 Concen: 3.896 ng  
 RT: 17.324 min Scan# 2389  
 Delta R.T. 0.002 min  
 Lab File: BG056127.D  
 Acq: 27 Dec 2022 15:36



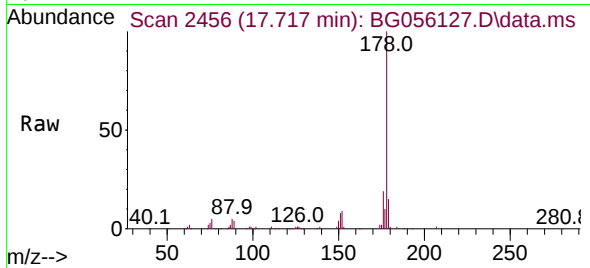
Tgt Ion:266 Resp: 16090  
 Ion Ratio Lower Upper  
 266 100  
 268 59.5 53.0 79.4  
 264 67.8 51.4 77.2





#71  
Phenanthrene  
Concen: 5.102 ng  
RT: 17.717 min Scan# 2456  
Delta R.T. -0.004 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

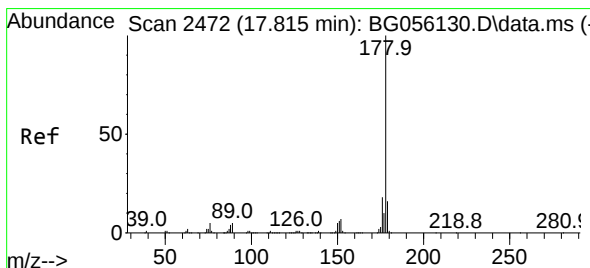
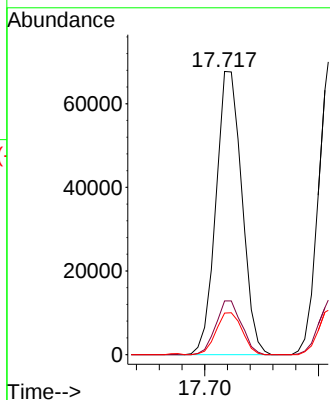
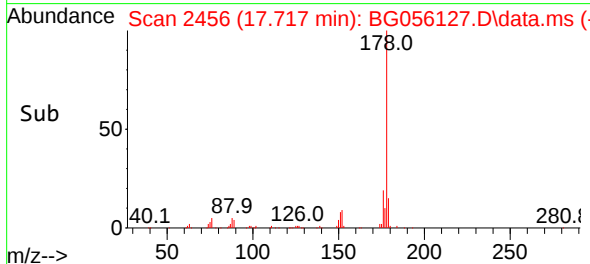
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



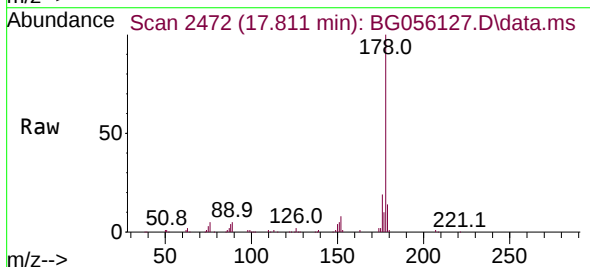
Tgt Ion:178 Resp: 107017  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.4 23.0  
179 14.7 13.6 20.4

Manual Integrations  
APPROVED

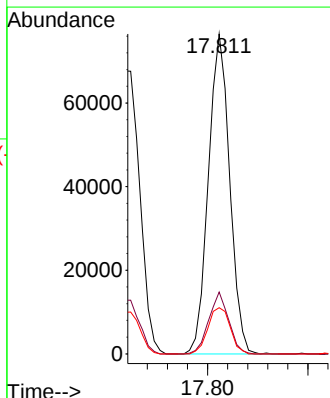
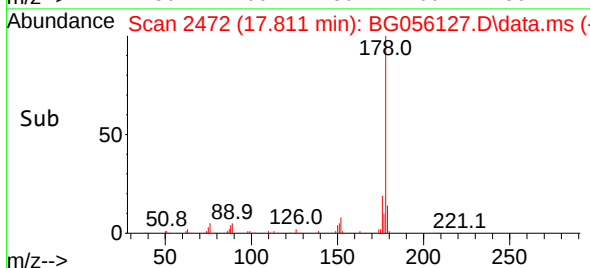
Reviewed By :Christian Giraldo 12/28/2022  
Supervised By :Jagrut Upadhyay 12/28/2022

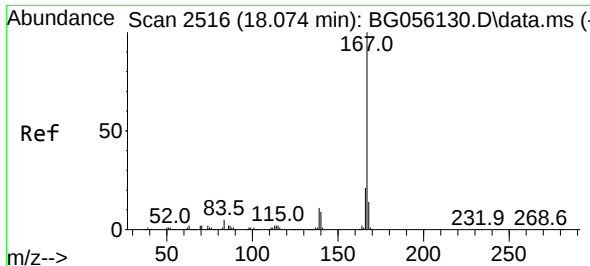


#72  
Anthracene  
Concen: 5.430 ng  
RT: 17.811 min Scan# 2472  
Delta R.T. -0.004 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36



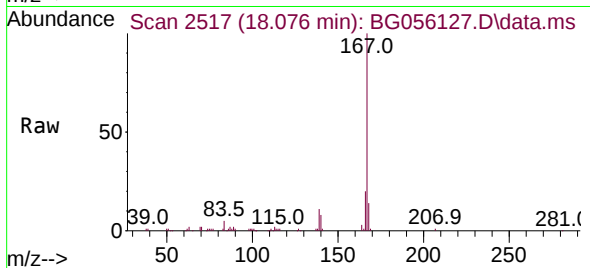
Tgt Ion:178 Resp: 112676  
Ion Ratio Lower Upper  
178 100  
176 19.3 14.6 22.0  
179 14.4 12.7 19.1





#73  
Carbazole  
Concen: 5.584 ng  
RT: 18.076 min Scan# 2516  
Delta R.T. 0.002 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

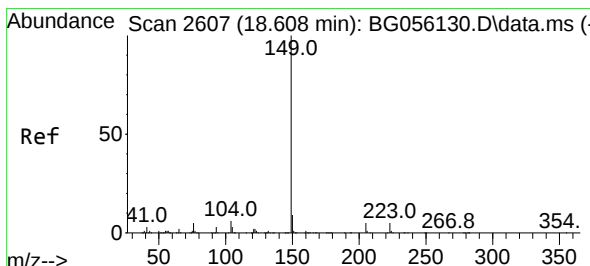
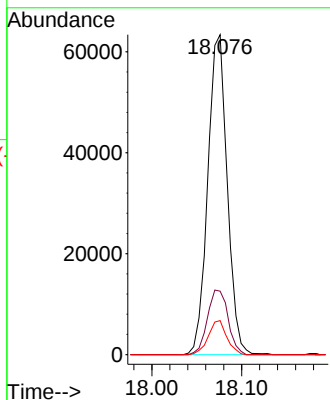
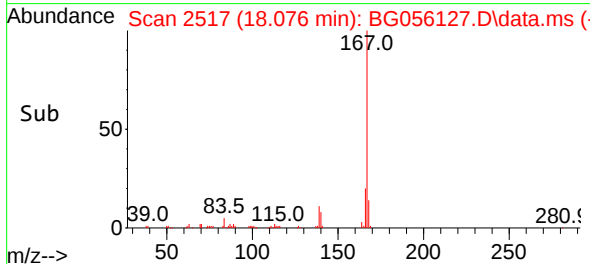
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



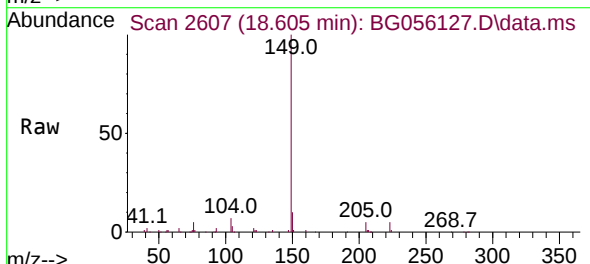
Tgt Ion:167 Resp: 95566  
Ion Ratio Lower Upper  
167 100  
166 19.8 16.8 25.2  
139 10.7 8.9 13.3

Manual Integrations  
APPROVED

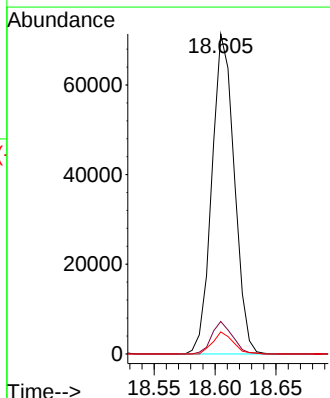
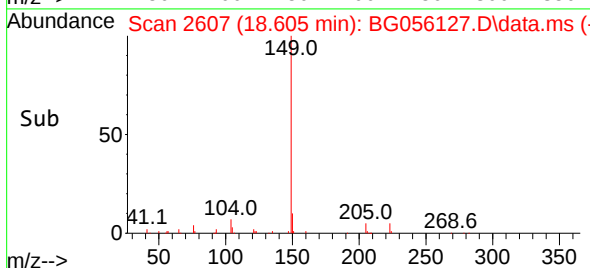
Reviewed By :Christian Giraldo 12/28/2022  
Supervised By :Jagrut Upadhyay 12/28/2022

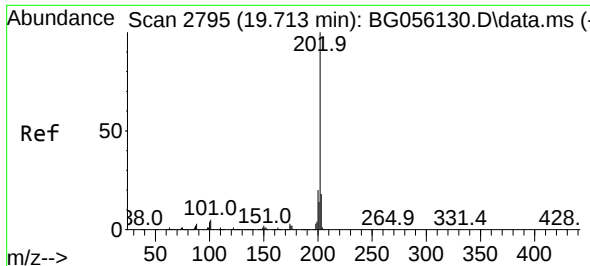


#74  
Di-n-butylphthalate  
Concen: 4.592 ng  
RT: 18.605 min Scan# 2607  
Delta R.T. -0.004 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36



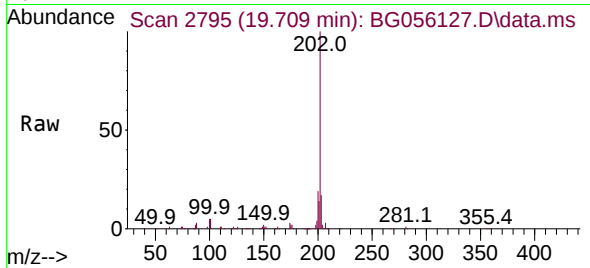
Tgt Ion:149 Resp: 91401  
Ion Ratio Lower Upper  
149 100  
150 10.1 7.4 11.2  
104 6.9 4.4 6.6





#75  
Fluoranthene  
Concen: 4.846 ng  
RT: 19.709 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

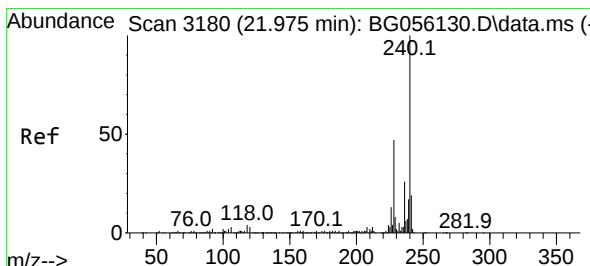
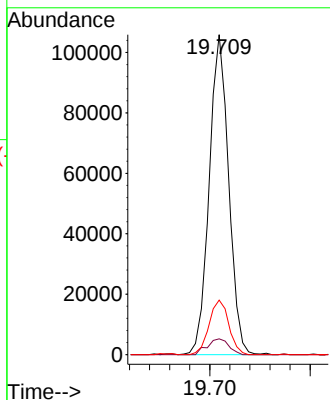
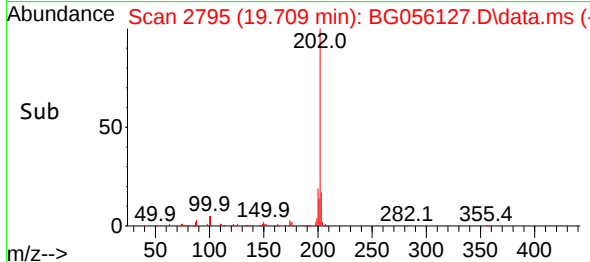
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion:202 Resp: 142324  
Ion Ratio Lower Upper  
202 100  
101 4.9 0.0 25.0  
203 17.0 0.0 38.0

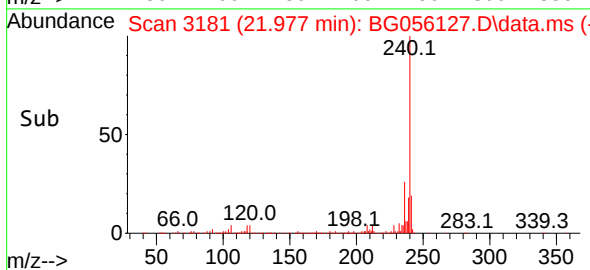
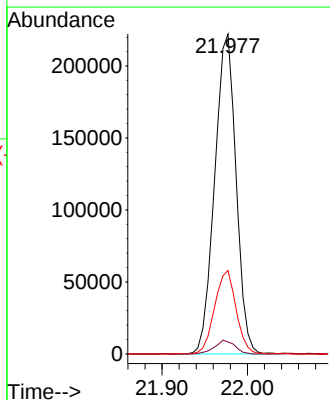
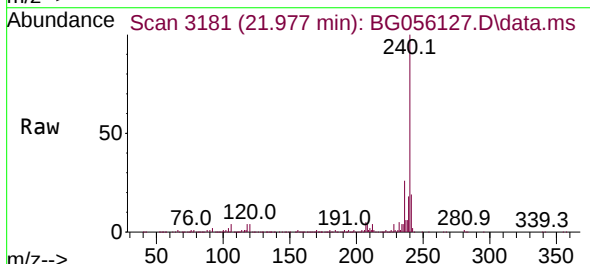
Manual Integrations  
APPROVED

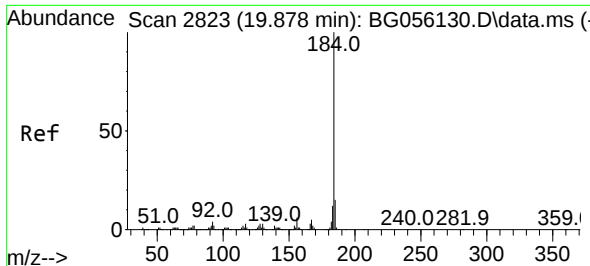
Reviewed By :Christian Giraldo 12/28/2022  
Supervised By :Jagrut Upadhyay 12/28/2022



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.977 min Scan# 3181  
Delta R.T. 0.002 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

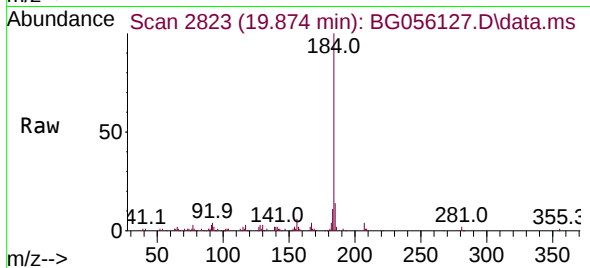
Tgt Ion:240 Resp: 386697  
Ion Ratio Lower Upper  
240 100  
120 3.7 2.6 4.0  
236 26.1 20.8 31.2





#77  
Benzidine  
Concen: 10.405 ng  
RT: 19.874 min Scan# 2823  
Delta R.T. -0.004 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

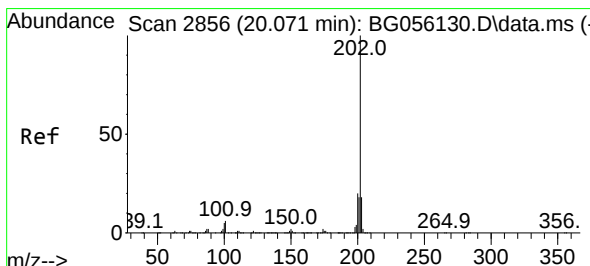
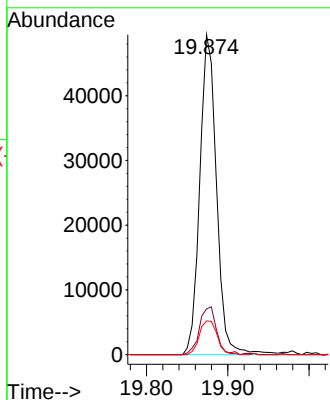
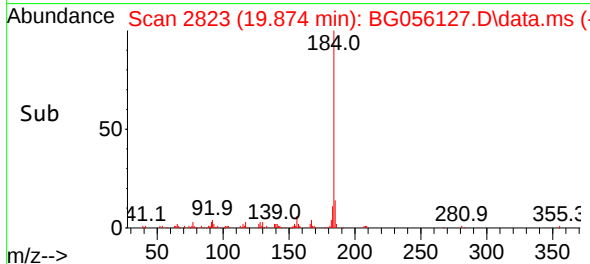
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion:184 Resp: 70659  
Ion Ratio Lower Upper  
184 100  
185 14.3 12.2 18.2  
183 10.5 9.4 14.0

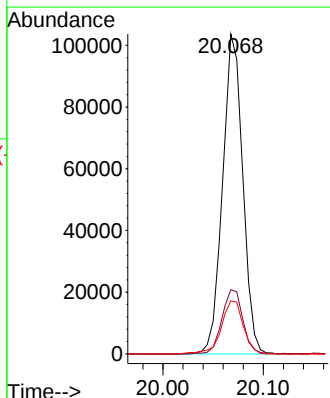
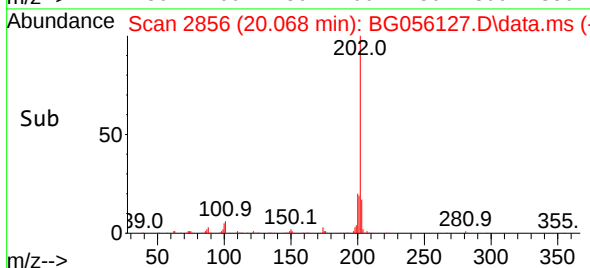
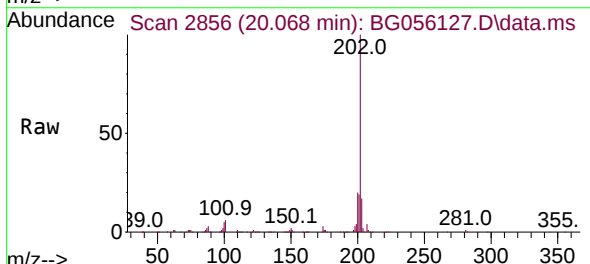
Manual Integrations  
APPROVED

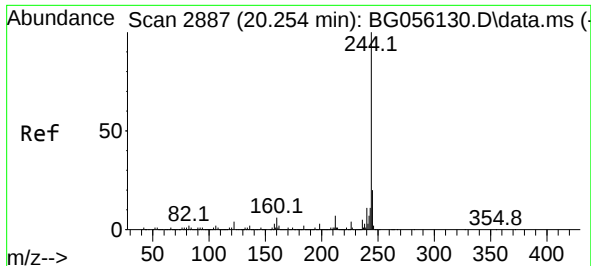
Reviewed By :Christian Giraldo 12/28/2022  
Supervised By :Jagrut Upadhyay 12/28/2022



#78  
Pyrene  
Concen: 6.184 ng  
RT: 20.068 min Scan# 2856  
Delta R.T. -0.004 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

Tgt Ion:202 Resp: 144698  
Ion Ratio Lower Upper  
202 100  
200 20.1 16.4 24.6  
203 16.6 14.3 21.5





#79  
 Terphenyl-d14  
 Concen: 10.680 ng  
 RT: 20.250 min Scan# 2887  
 Delta R.T. -0.004 min  
 Lab File: BG056127.D  
 Acq: 27 Dec 2022 15:36

Instrument :

BNA\_G

ClientSampleId :

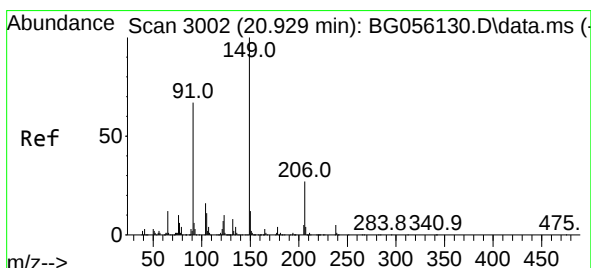
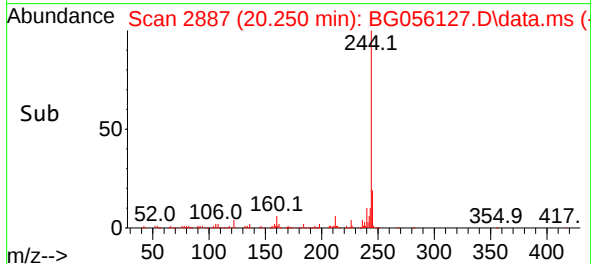
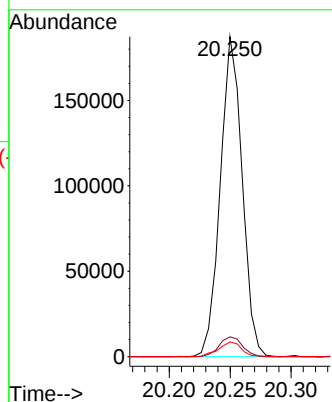
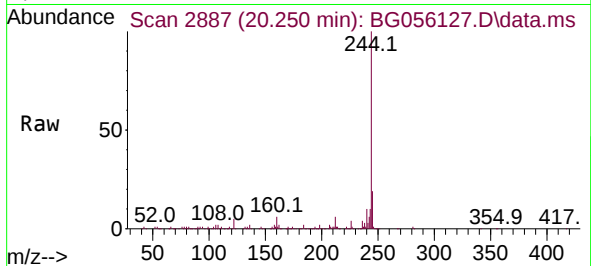
SSTDICC005

Tgt Ion:244 Resp: 233668  
 Ion Ratio Lower Upper  
 244 100  
 212 6.2 5.7 8.5  
 122 4.6 3.5 5.3

Manual Integrations

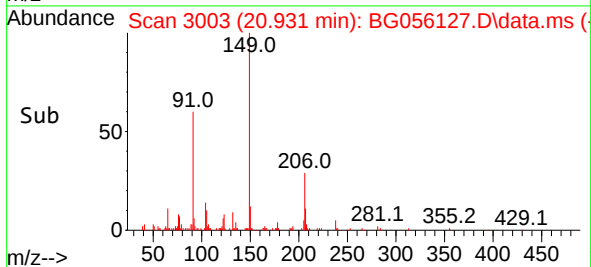
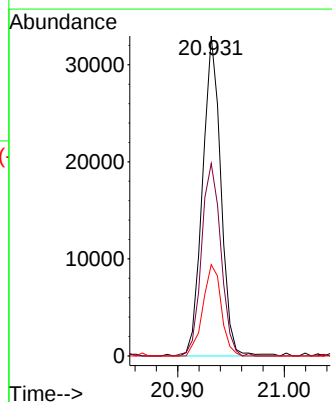
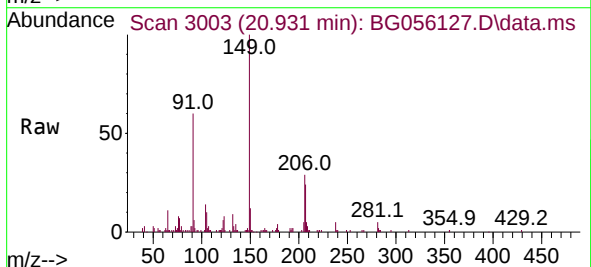
APPROVED

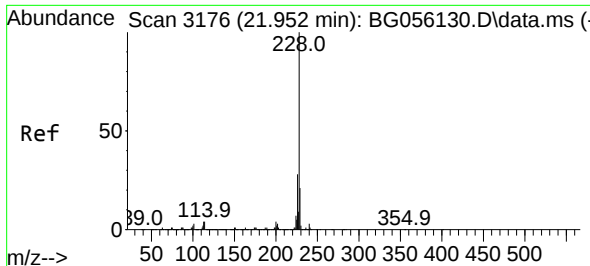
Reviewed By :Christian Giraldo 12/28/2022  
 Supervised By :Jagrut Upadhyay 12/28/2022



#80  
 Butylbenzylphthalate  
 Concen: 5.914 ng  
 RT: 20.931 min Scan# 3003  
 Delta R.T. 0.002 min  
 Lab File: BG056127.D  
 Acq: 27 Dec 2022 15:36

Tgt Ion:149 Resp: 39215  
 Ion Ratio Lower Upper  
 149 100  
 91 60.2 53.5 80.3  
 206 28.5 21.9 32.9





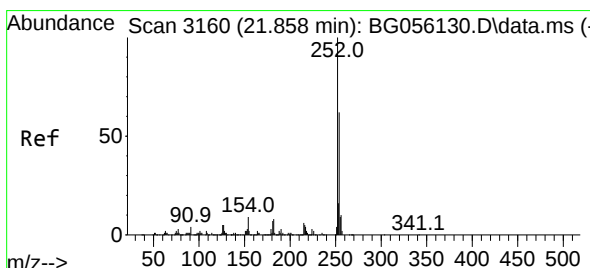
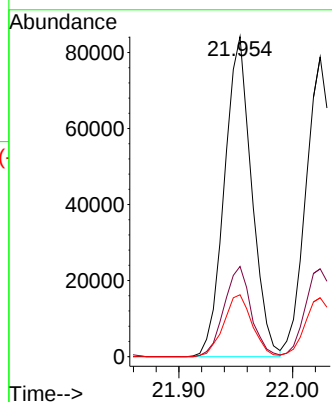
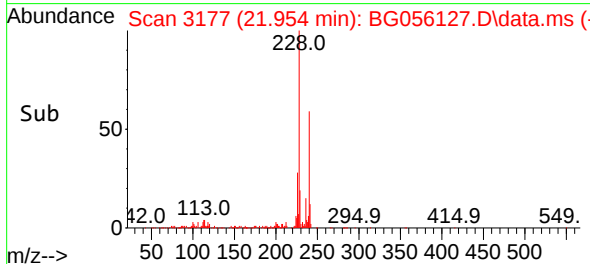
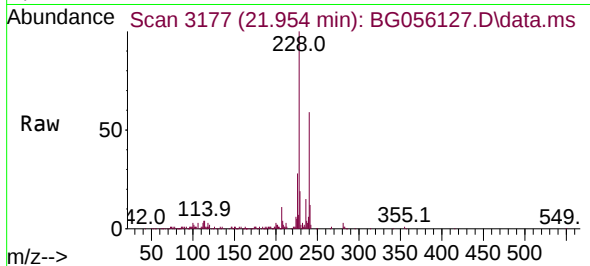
#81  
Benzo(a)anthracene  
Concen: 5.146 ng  
RT: 21.954 min Scan# 3176  
Delta R.T. 0.002 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005

Tgt Ion:228 Resp: 140036  
Ion Ratio Lower Upper  
228 100  
226 28.2 22.6 34.0  
229 19.3 16.9 25.3

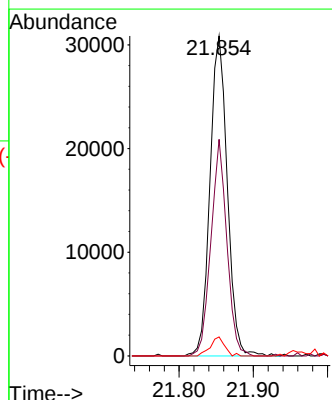
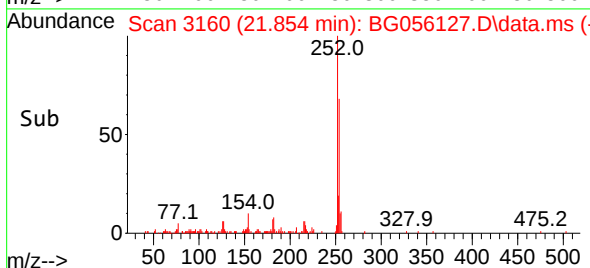
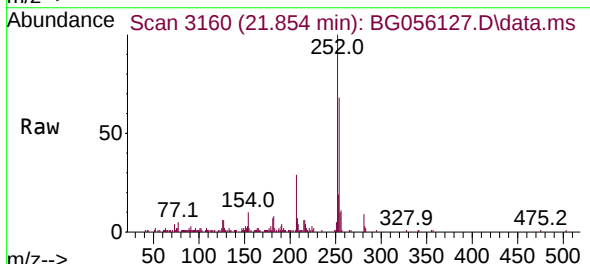
Manual Integrations  
APPROVED

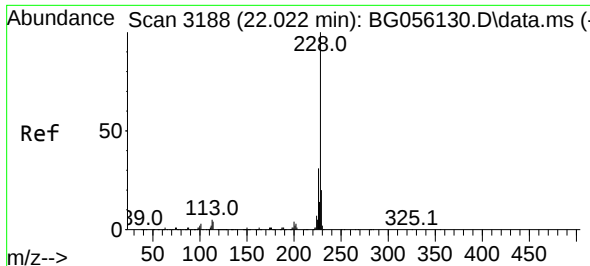
Reviewed By :Christian Giraldo 12/28/2022  
Supervised By :Jagrut Upadhyay 12/28/2022



#82  
3,3'-Dichlorobenzidine  
Concen: 5.102 ng  
RT: 21.854 min Scan# 3160  
Delta R.T. -0.004 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

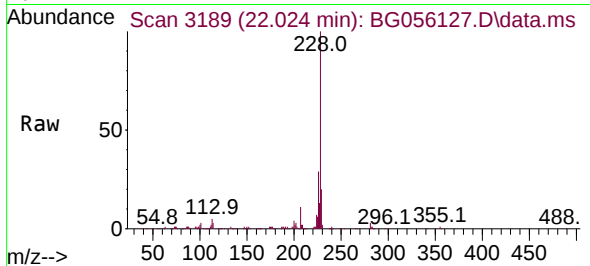
Tgt Ion:252 Resp: 49950  
Ion Ratio Lower Upper  
252 100  
254 67.7 49.5 74.3  
126 5.9 4.0 6.0





#83  
Chrysene  
Concen: 5.119 ng  
RT: 22.024 min Scan# 3188  
Delta R.T. 0.002 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

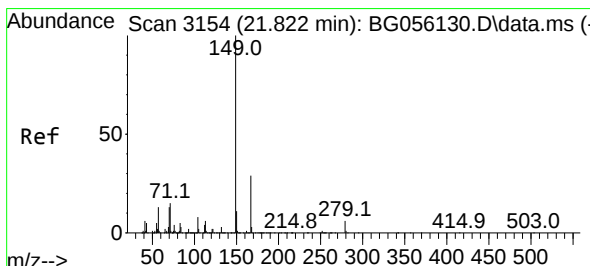
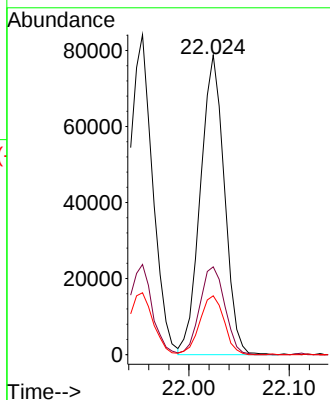
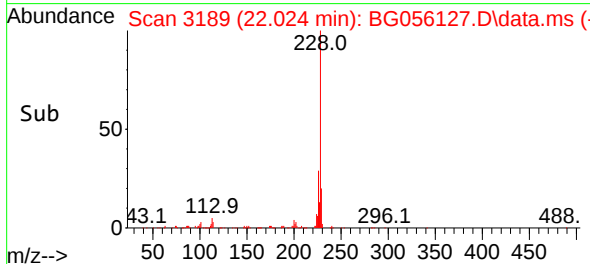
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



Tgt Ion:228 Resp: 130556  
Ion Ratio Lower Upper  
228 100  
226 29.3 24.6 36.8  
229 19.7 15.8 23.6

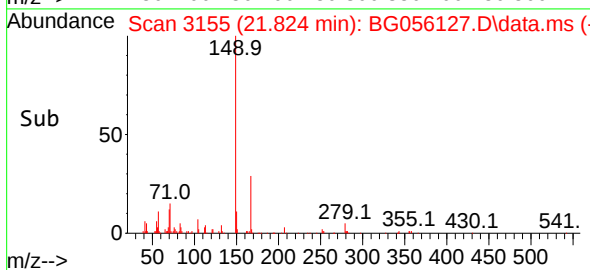
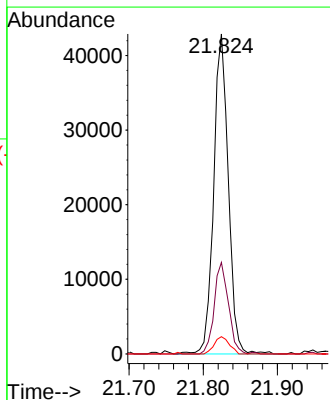
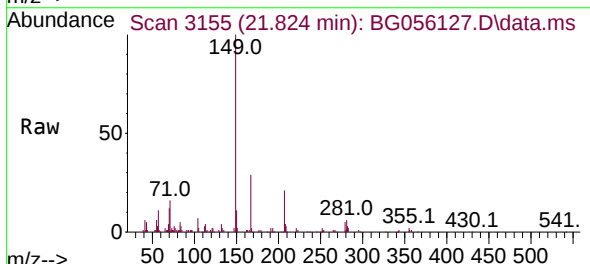
Manual Integrations  
APPROVED

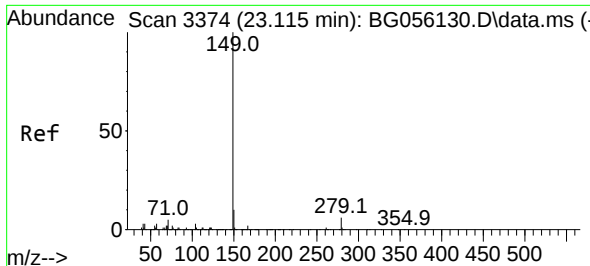
Reviewed By :Christian Giraldo 12/28/2022  
Supervised By :Jagrut Upadhyay 12/28/2022



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 5.967 ng  
RT: 21.824 min Scan# 3155  
Delta R.T. 0.002 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

Tgt Ion:149 Resp: 58785  
Ion Ratio Lower Upper  
149 100  
167 28.6 23.4 35.2  
279 5.4 4.7 7.1





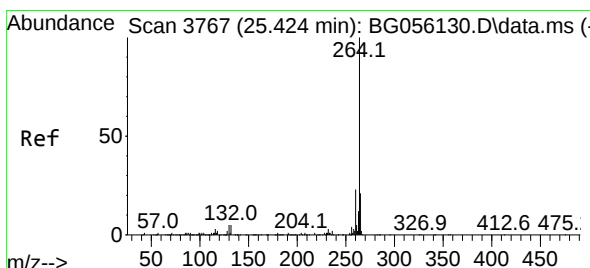
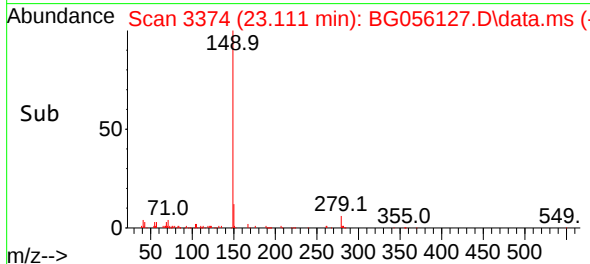
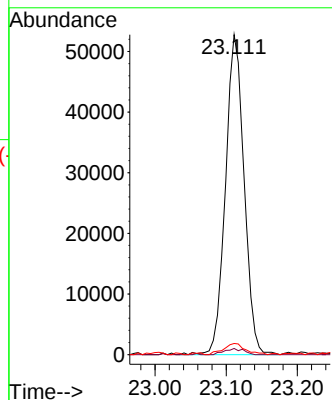
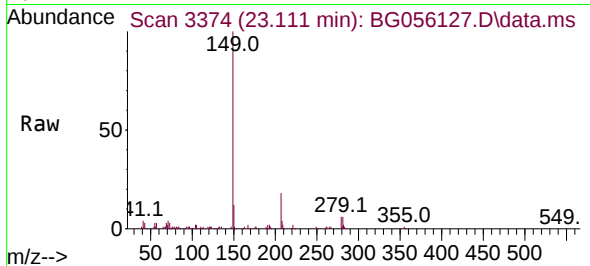
#85  
Di-n-octyl phthalate  
Concen: 5.751 ng  
RT: 23.111 min Scan# 3374  
Delta R.T. -0.004 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005

Tgt Ion:149 Resp: 96098  
Ion Ratio Lower Upper  
149 100  
167 2.0 1.4 2.2  
43 4.1 2.9 4.3

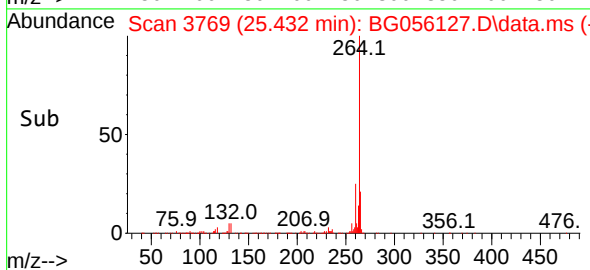
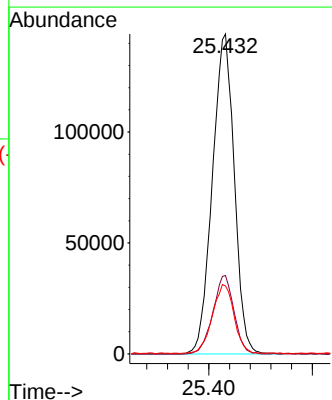
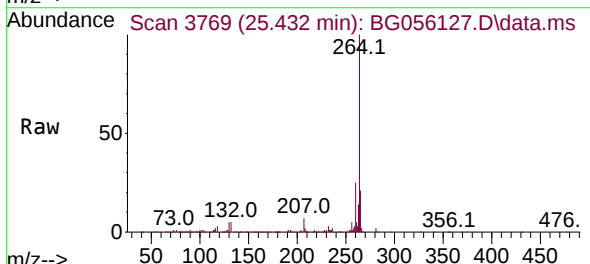
Manual Integrations  
APPROVED

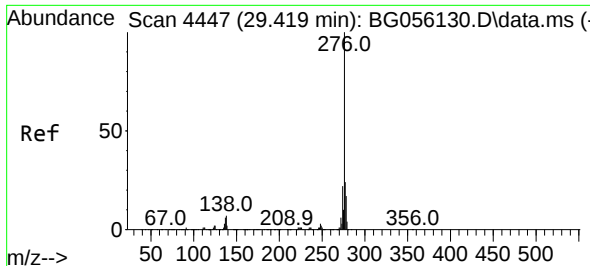
Reviewed By :Christian Giraldo 12/28/2022  
Supervised By :Jagrut Upadhyay 12/28/2022



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.432 min Scan# 3769  
Delta R.T. 0.008 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

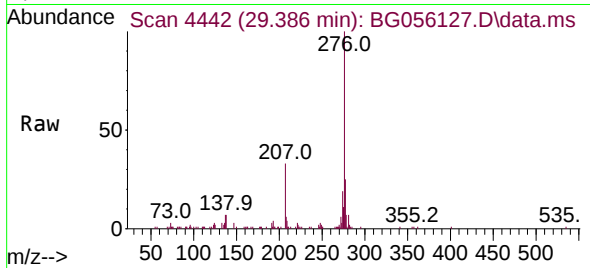
Tgt Ion:264 Resp: 423911  
Ion Ratio Lower Upper  
264 100  
260 24.5 18.6 28.0  
265 21.2 16.7 25.1





#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 4.607 ng  
 RT: 29.386 min Scan# 4447  
 Delta R.T. -0.033 min  
 Lab File: BG056127.D  
 Acq: 27 Dec 2022 15:36

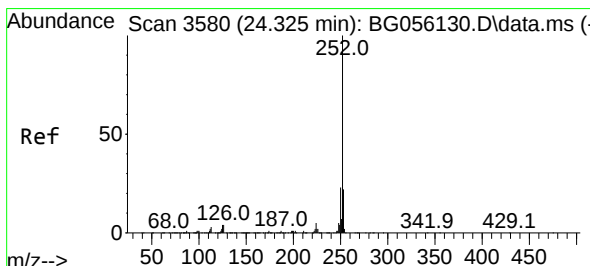
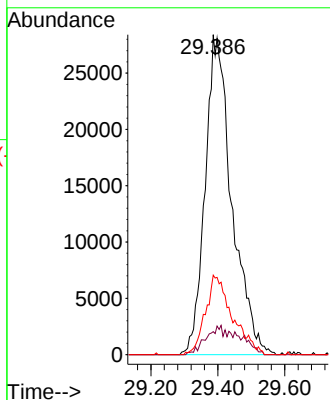
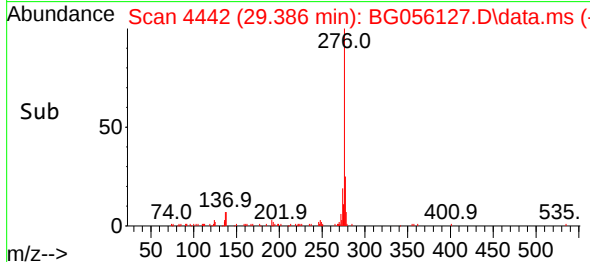
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC005



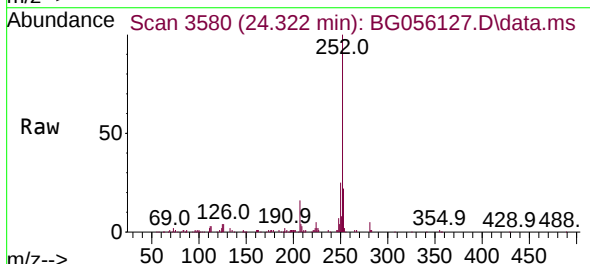
Tgt Ion:276 Resp: 157054  
 Ion Ratio Lower Upper  
 276 100  
 138 0.0 5.0 7.4  
 277 25.1 20.5 30.7

Manual Integrations  
 APPROVED

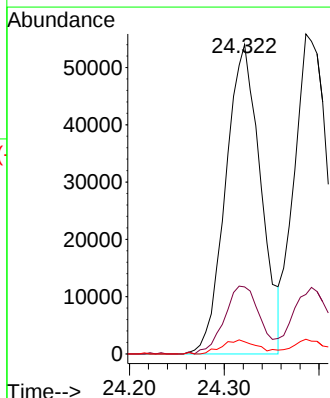
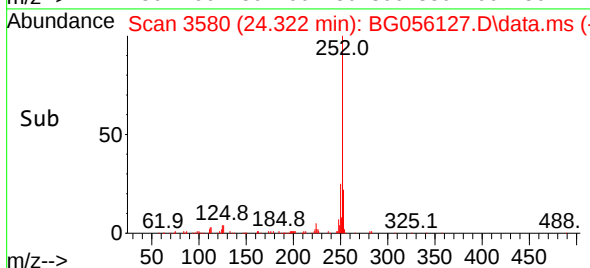
Reviewed By :Christian Giraldo 12/28/2022  
 Supervised By :Jagrut Upadhyay 12/28/2022

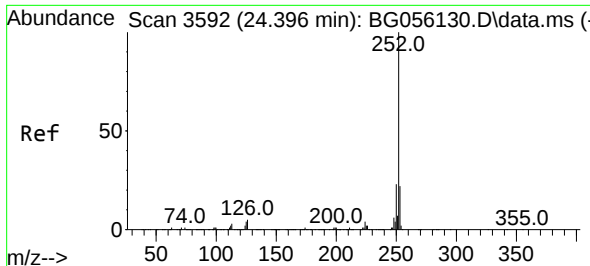


#88  
 Benzo(b)fluoranthene  
 Concen: 5.061 ng  
 RT: 24.322 min Scan# 3580  
 Delta R.T. -0.004 min  
 Lab File: BG056127.D  
 Acq: 27 Dec 2022 15:36



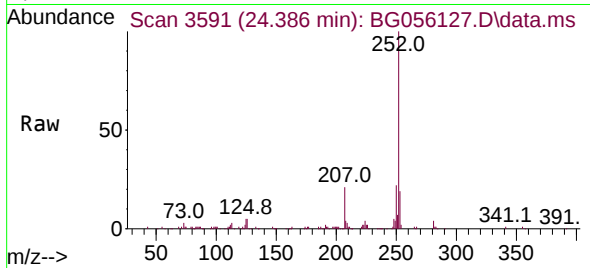
Tgt Ion:252 Resp: 138844  
 Ion Ratio Lower Upper  
 252 100  
 253 21.6 17.4 26.2  
 125 3.9 3.0 4.4





#89  
Benzo(k)fluoranthene  
Concen: 5.033 ng  
RT: 24.386 min Scan# 31  
Delta R.T. -0.010 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

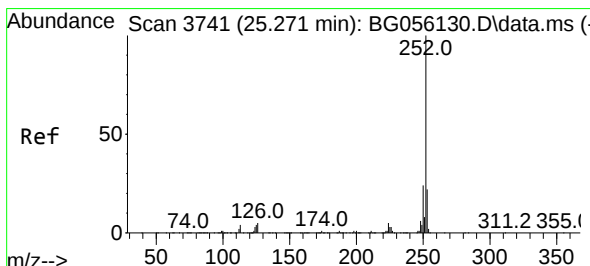
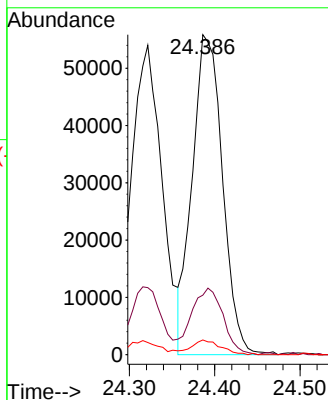
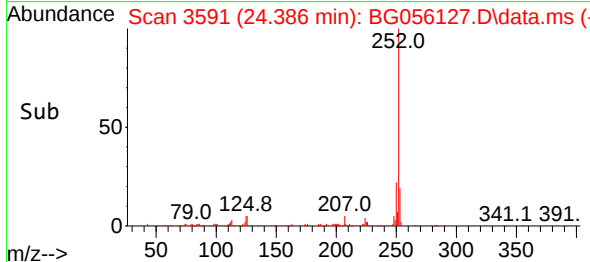
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



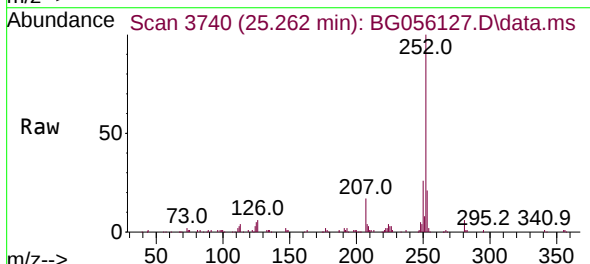
Tgt Ion:252 Resp: 137773  
Ion Ratio Lower Upper  
252 100  
253 18.6 17.5 26.3  
125 4.6 3.4 5.0

Manual Integrations  
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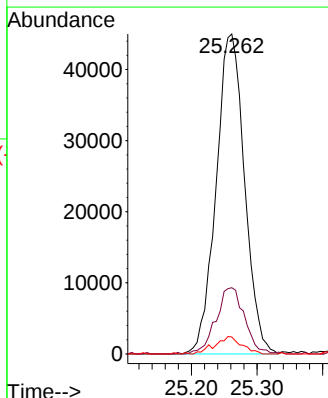
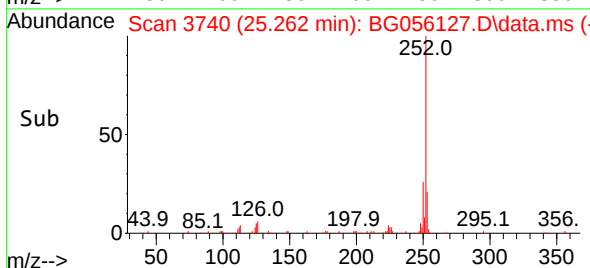
Reviewed By :Christian Giraldo 12/28/2022  
Supervised By :Jagrut Upadhyay 12/28/2022

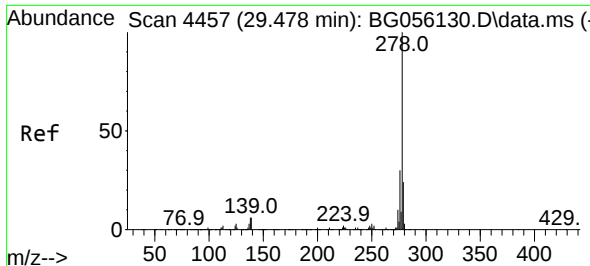


#90  
Benzo(a)pyrene  
Concen: 5.836 ng  
RT: 25.262 min Scan# 3740  
Delta R.T. -0.010 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36



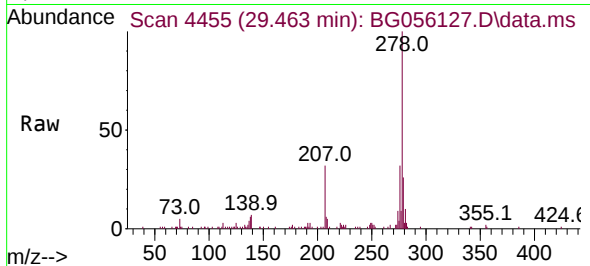
Tgt Ion:252 Resp: 135341  
Ion Ratio Lower Upper  
252 100  
253 20.7 17.4 26.2  
125 5.3 3.2 4.8





#91  
Dibenzo(a,h)anthracene  
Concen: 4.716 ng  
RT: 29.463 min Scan# 4455  
Delta R.T. -0.016 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36

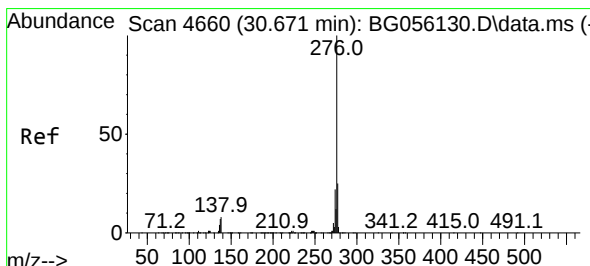
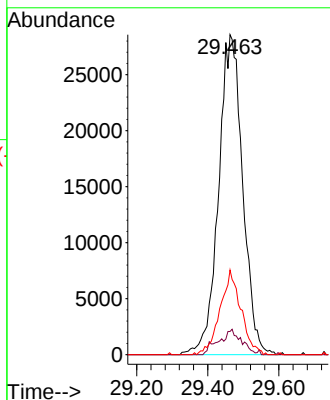
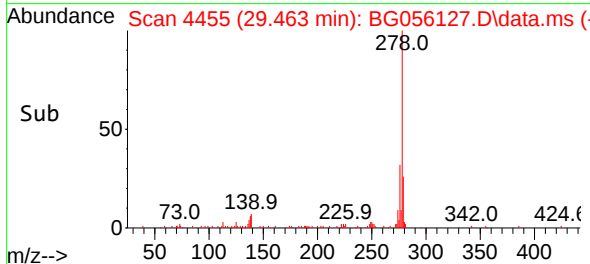
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC005



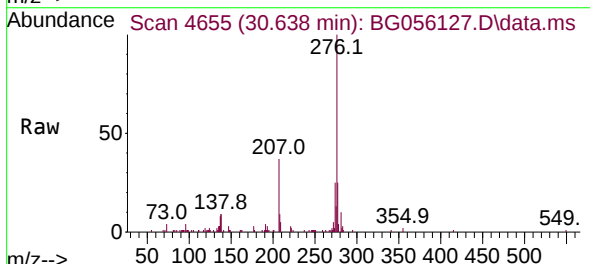
Tgt Ion:278 Resp: 134554  
Ion Ratio Lower Upper  
278 100  
139 7.2 4.8 7.2  
279 26.4 19.0 28.4

Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 12/28/2022  
Supervised By :Jagrut Upadhyay 12/28/2022



#92  
Benzo(g,h,i)perylene  
Concen: 4.666 ng  
RT: 30.638 min Scan# 4655  
Delta R.T. -0.033 min  
Lab File: BG056127.D  
Acq: 27 Dec 2022 15:36



Tgt Ion:276 Resp: 128711  
Ion Ratio Lower Upper  
276 100  
277 24.6 19.7 29.5  
138 17.5 6.7 10.1#

