

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG041223\  
 Data File : BG057062.D  
 Acq On : 12 Apr 2023 13:27  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDCCC040

## Manual Integrations

## APPROVED

Reviewed By : Christian Giraldo 04/13/2023  
 Supervised By : Jagrut Upadhyay 04/13/2023

Quant Time: Apr 13 05:22:44 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG033023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 13 05:15:23 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.411  | 152  | 15375    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.249 | 136  | 59884    | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 15.020 | 164  | 44989    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.763 | 188  | 110103   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 22.081 | 240  | 99382    | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 25.611 | 264  | 107319   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.915  | 112  | 75369    | 78.455 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.536  | 99   | 110922   | 77.201 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.586  | 82   | 111606   | 76.258 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.500 | 330  | 61100    | 85.013 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.645 | 172  | 263374   | 79.383 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.324 | 244  | 495189   | 84.315 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.723  | 88   | 16728    | 39.722 | ng    | 92       |
| 3) Pyridine                   | 4.146  | 79   | 51504    | 37.971 | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 4.052  | 42   | 21346    | 34.229 | ng    | # 79     |
| 6) Aniline                    | 7.718  | 93   | 68490    | 37.288 | ng    | 98       |
| 8) 2-Chlorophenol             | 7.965  | 128  | 37478    | 39.167 | ng    | 91       |
| 9) Benzaldehyde               | 7.530  | 77   | 31814    | 35.302 | ng    | 93       |
| 10) Phenol                    | 7.565  | 94   | 54665    | 38.397 | ng    | 94       |
| 11) bis(2-Chloroethyl)ether   | 7.806  | 93   | 40802    | 40.234 | ng    | 88       |
| 12) 1,3-Dichlorobenzene       | 8.294  | 146  | 41230    | 38.995 | ng    | 95       |
| 13) 1,4-Dichlorobenzene       | 8.446  | 146  | 41476    | 38.868 | ng    | 96       |
| 14) 1,2-Dichlorobenzene       | 8.770  | 146  | 39880    | 38.682 | ng    | 94       |
| 15) Benzyl Alcohol            | 8.640  | 79   | 43848    | 36.728 | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.922  | 45   | 47480    | 38.848 | ng    | 95       |
| 17) 2-Methylphenol            | 8.840  | 107  | 39162    | 38.556 | ng    | 86       |
| 18) Hexachloroethane          | 9.510  | 117  | 15192    | 38.951 | ng    | 93       |
| 19) n-Nitroso-di-n-propyla... | 9.210  | 70   | 38352    | 37.318 | ng    | # 90     |
| 20) 3+4-Methylphenols         | 9.169  | 107  | 52533    | 36.987 | ng    | 98       |
| 22) Acetophenone              | 9.234  | 105  | 66135    | 37.114 | ng    | 96       |
| 24) Nitrobenzene              | 9.627  | 77   | 56864    | 38.003 | ng    | 96       |
| 25) Isophorone                | 10.150 | 82   | 102245   | 36.687 | ng    | 97       |
| 26) 2-Nitrophenol             | 10.344 | 139  | 23630    | 40.914 | ng    | 93       |
| 27) 2,4-Dimethylphenol        | 10.385 | 122  | 38803    | 38.052 | ng    | 92       |
| 28) bis(2-Chloroethoxy)met... | 10.620 | 93   | 53980    | 38.688 | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 10.884 | 162  | 40934    | 37.326 | ng    | 93       |
| 30) 1,2,4-Trichlorobenzene    | 11.108 | 180  | 45442    | 38.998 | ng    | 94       |
| 31) Naphthalene               | 11.301 | 128  | 127421   | 39.037 | ng    | 100      |
| 32) Benzoic acid              | 10.508 | 122  | 26118m   | 37.287 | ng    |          |
| 33) 4-Chloroaniline           | 11.395 | 127  | 56323    | 38.206 | ng    | 97       |
| 34) Hexachlorobutadiene       | 11.572 | 225  | 33712    | 38.515 | ng    | 92       |
| 35) Caprolactam               | 12.165 | 113  | 13500    | 35.695 | ng    | # 84     |
| 36) 4-Chloro-3-methylphenol   | 12.488 | 107  | 46806    | 38.165 | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.876 | 142  | 98742    | 38.116 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 13.093 | 142  | 92006    | 37.823 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 13.234 | 216  | 61916    | 39.687 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 13.211 | 237  | 33889    | 39.426 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 13.463 | 196  | 40518    | 40.699 | ng    | 95       |

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 Acq On : 12 Apr 2023 13:27  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDCCC040

## Manual Integrations

## APPROVED

Reviewed By :Christian Giraldo 04/13/2023  
 Supervised By :Jagrut Upadhyay 04/13/2023

Quant Time: Apr 13 05:22:44 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG033023.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

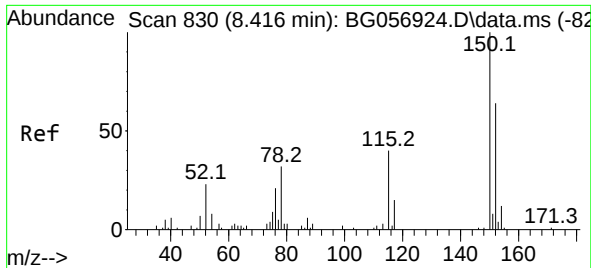
QLast Update : Thu Apr 13 05:15:23 2023

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.540 | 196  | 46671    | 39.572 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.857 | 154  | 130270   | 39.556 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.910 | 162  | 101877   | 41.826 | ng    | 98       |
| 48) 2-Nitroaniline            | 14.103 | 65   | 33834    | 38.847 | ng    | 94       |
| 49) Acenaphthylene            | 14.750 | 152  | 160876   | 40.199 | ng    | 99       |
| 50) Dimethylphthalate         | 14.456 | 163  | 141308   | 39.863 | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 14.585 | 165  | 31093    | 40.597 | ng    | 95       |
| 52) Acenaphthene              | 15.085 | 154  | 110668   | 40.096 | ng    | 97       |
| 53) 3-Nitroaniline            | 14.914 | 138  | 31761    | 41.896 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 15.120 | 184  | 18550    | 43.030 | ng    | # 92     |
| 55) Dibenzofuran              | 15.413 | 168  | 166909   | 40.292 | ng    | 98       |
| 56) 4-Nitrophenol             | 15.208 | 139  | 22493    | 40.124 | ng    | # 87     |
| 57) 2,4-Dinitrotoluene        | 15.366 | 165  | 44693    | 41.374 | ng    | # 98     |
| 58) Fluorene                  | 16.060 | 166  | 136642   | 39.862 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.637 | 232  | 42319    | 39.409 | ng    | # 98     |
| 60) Diethylphthalate          | 15.801 | 149  | 146110   | 41.115 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 16.042 | 204  | 79937    | 39.718 | ng    | 98       |
| 62) 4-Nitroaniline            | 16.077 | 138  | 33521    | 42.678 | ng    | 90       |
| 63) Azobenzene                | 16.336 | 77   | 142656   | 40.281 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 16.130 | 198  | 29129    | 43.683 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 16.254 | 169  | 119615   | 40.470 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.935 | 248  | 54156    | 39.753 | ng    | 96       |
| 68) Hexachlorobenzene         | 17.064 | 284  | 55703    | 41.357 | ng    | 97       |
| 69) Atrazine                  | 17.188 | 200  | 48327    | 39.390 | ng    | 93       |
| 70) Pentachlorophenol         | 17.405 | 266  | 34745    | 35.958 | ng    | 97       |
| 71) Phenanthrene              | 17.804 | 178  | 227530   | 40.532 | ng    | 99       |
| 72) Anthracene                | 17.892 | 178  | 231136   | 40.165 | ng    | 99       |
| 73) Carbazole                 | 18.157 | 167  | 201123   | 40.086 | ng    | 95       |
| 74) Di-n-butylphthalate       | 18.680 | 149  | 243998   | 41.997 | ng    | 99       |
| 75) Fluoranthene              | 19.790 | 202  | 278699   | 39.165 | ng    | 99       |
| 77) Benzidine                 | 19.954 | 184  | 105352   | 38.783 | ng    | 99       |
| 78) Pyrene                    | 20.148 | 202  | 279971   | 40.730 | ng    | 98       |
| 80) Butylbenzylphthalate      | 21.006 | 149  | 103250   | 43.650 | ng    | 93       |
| 81) Benzo(a)anthracene        | 22.057 | 228  | 277328   | 40.326 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.958 | 252  | 93396    | 40.217 | ng    | 99       |
| 83) Chrysene                  | 22.128 | 228  | 264378   | 41.057 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.911 | 149  | 148473   | 43.348 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 23.221 | 149  | 246530   | 42.711 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 29.712 | 276  | 320081   | 40.356 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 24.484 | 252  | 274005   | 40.829 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 24.560 | 252  | 276110   | 41.212 | ng    | 99       |
| 90) Benzo(a)pyrene            | 25.453 | 252  | 266328   | 40.386 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 29.765 | 278  | 270742   | 41.528 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 30.992 | 276  | 257955   | 40.408 | ng    | 99       |

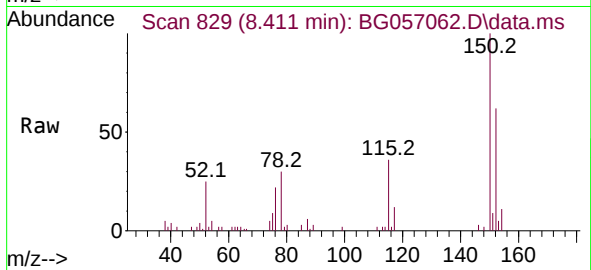
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.411 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

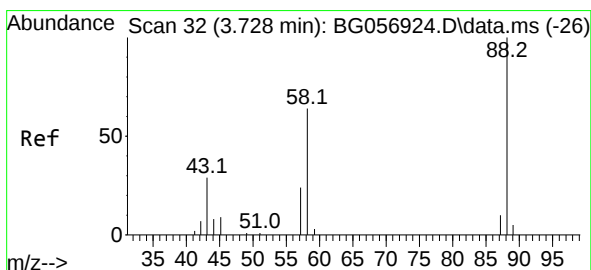
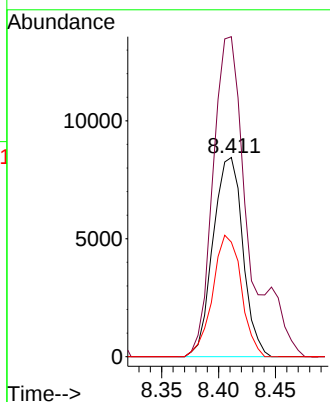
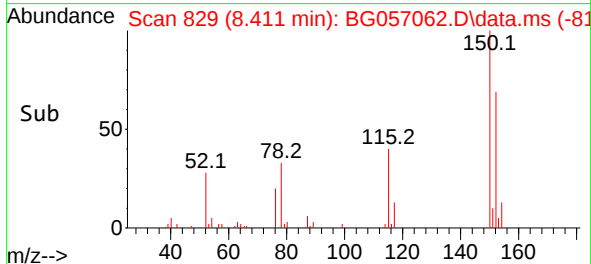
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:152 Resp: 1537  
Ion Ratio Lower Upper  
152 100  
150 160.7 124.1 186.1  
115 57.6 49.1 73.7

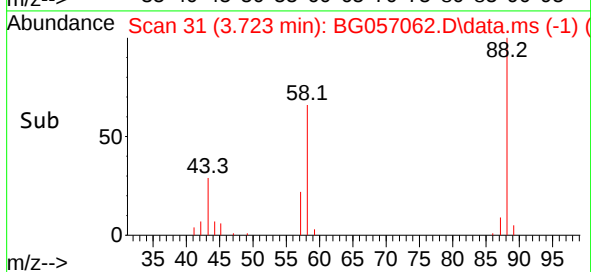
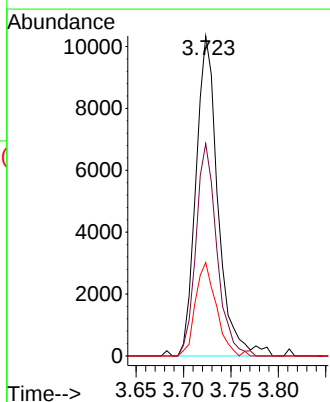
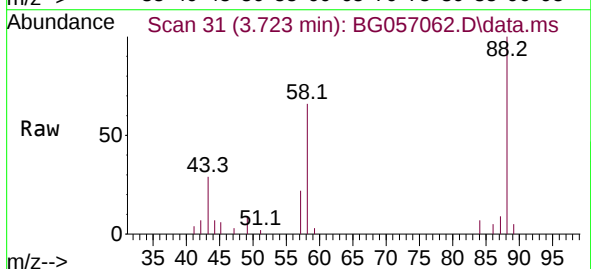
Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 04/13/2023  
Supervised By :Jagrut Upadhyay 04/13/2023



#2  
1,4-Dioxane  
Concen: 39.722 ng  
RT: 3.723 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

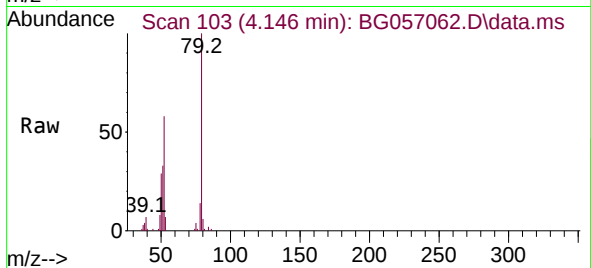
Tgt Ion: 88 Resp: 16728  
Ion Ratio Lower Upper  
88 100  
58 63.0 55.9 83.9  
43 27.6 25.7 38.5





#3  
Pyridine  
Concen: 37.971 ng  
RT: 4.146 min Scan# 104  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

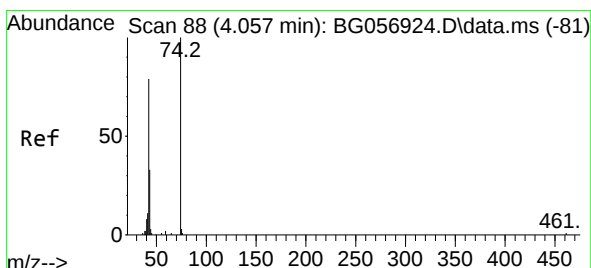
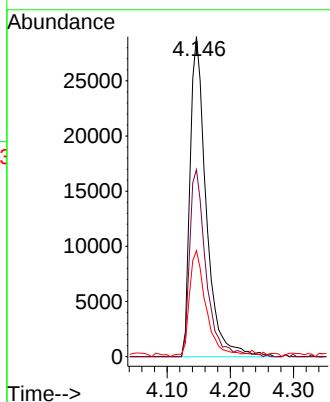
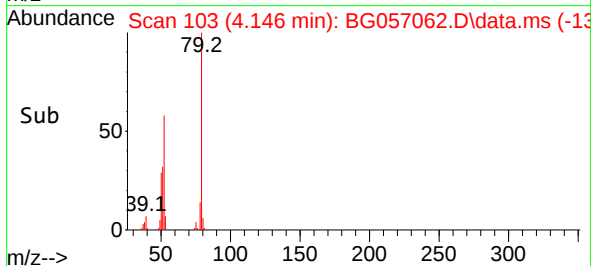
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 79 Resp: 51504  
Ion Ratio Lower Upper  
79 100  
52 58.4 46.1 69.1  
51 33.1 26.1 39.1

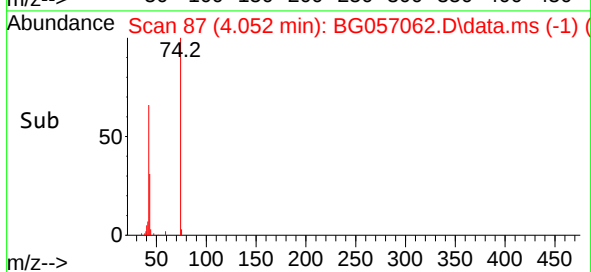
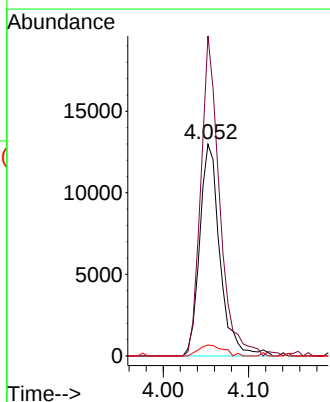
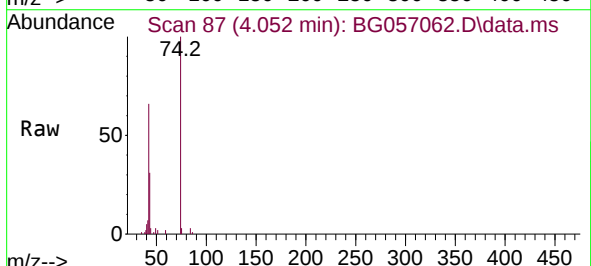
Manual Integrations  
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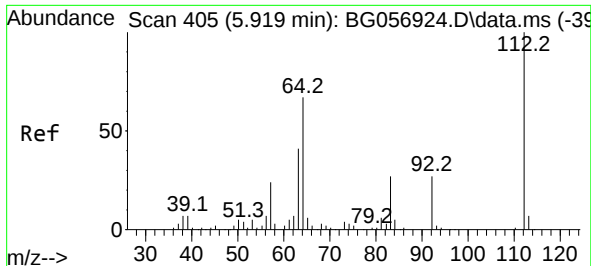
Reviewed By :Christian Giraldo 04/13/2023  
Supervised By :Jagrut Upadhyay 04/13/2023



#4  
n-Nitrosodimethylamine  
Concen: 34.229 ng  
RT: 4.052 min Scan# 87  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

Tgt Ion: 42 Resp: 21346  
Ion Ratio Lower Upper  
42 100  
74 151.2 100.6 151.0#  
44 5.2 4.6 7.0





#5  
2-Fluorophenol  
Concen: 78.455 ng  
RT: 5.915 min Scan# 405  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

Instrument :

BNA\_G

ClientSampleId :

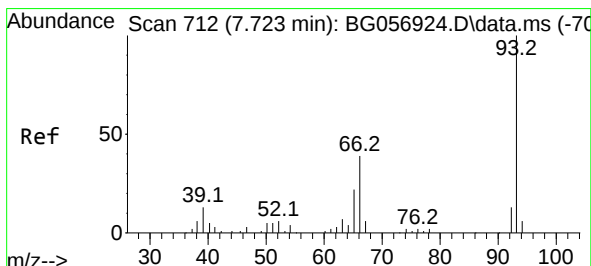
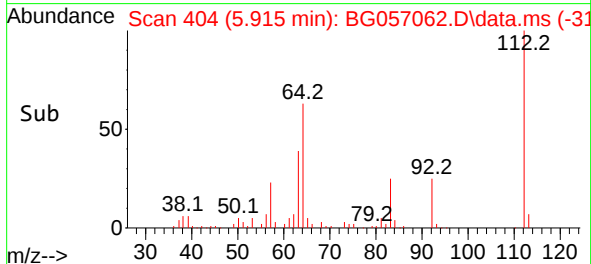
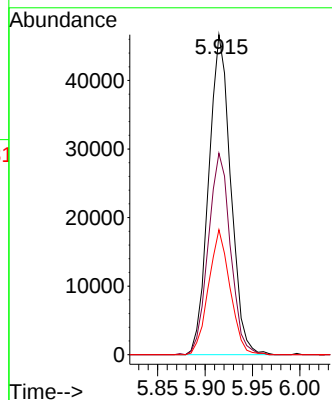
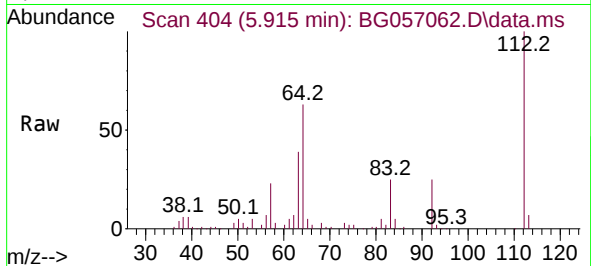
SSTDCCC040

Tgt Ion:112 Resp: 75369  
Ion Ratio Lower Upper  
112 100  
64 63.0 53.2 79.8  
63 39.0 32.6 48.8

Manual Integrations

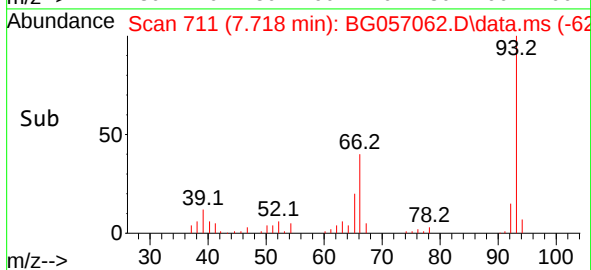
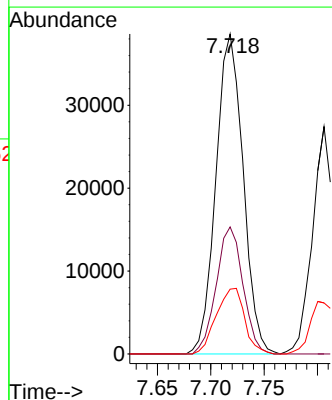
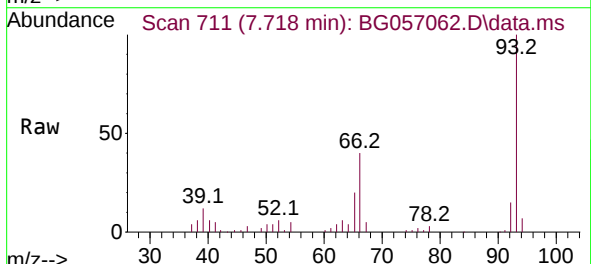
APPROVED

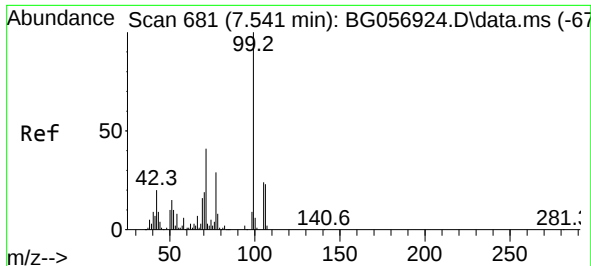
Reviewed By :Christian Giraldo 04/13/2023  
Supervised By :Jagrut Upadhyay 04/13/2023



#6  
Aniline  
Concen: 37.288 ng  
RT: 7.718 min Scan# 711  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
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Tgt Ion: 93 Resp: 68490  
Ion Ratio Lower Upper  
93 100  
66 39.7 31.4 47.0  
65 20.3 17.3 25.9





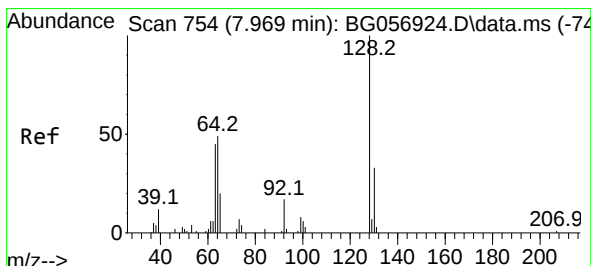
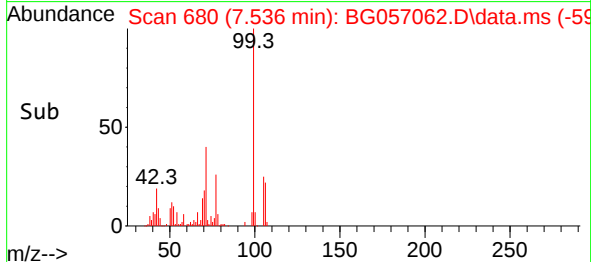
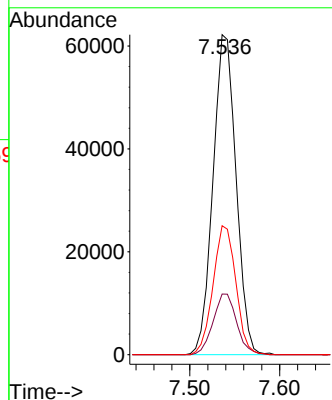
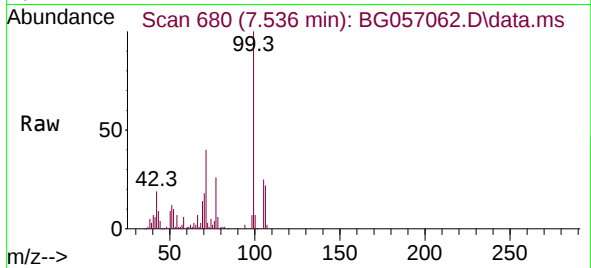
#7  
Phenol-d6  
Concen: 77.201 ng  
RT: 7.536 min Scan# 681  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 99 Resp: 11092  
Ion Ratio Lower Upper  
99 100  
42 18.9 15.7 23.5  
71 40.3 32.5 48.7

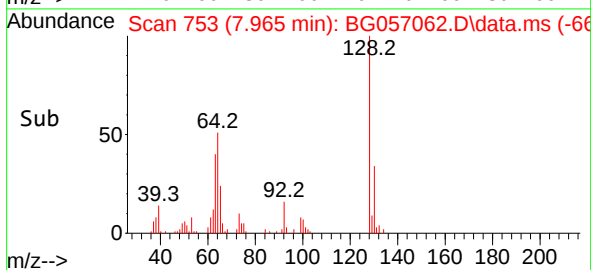
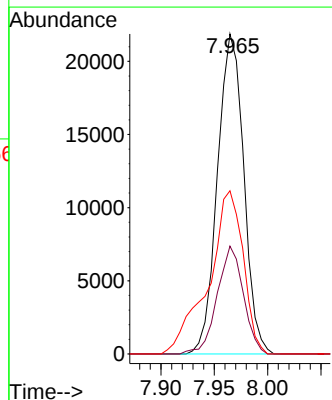
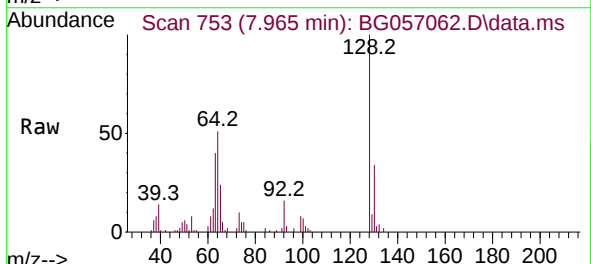
Manual Integrations  
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Supervised By :Jagrut Upadhyay 04/13/2023



#8  
2-Chlorophenol  
Concen: 39.167 ng  
RT: 7.965 min Scan# 753  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

Tgt Ion:128 Resp: 37478  
Ion Ratio Lower Upper  
128 100  
130 33.7 12.6 52.6  
64 51.0 40.6 80.6





#9  
Benzaldehyde  
Concen: 35.302 ng  
RT: 7.530 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

Instrument :

BNA\_G

ClientSampleId :

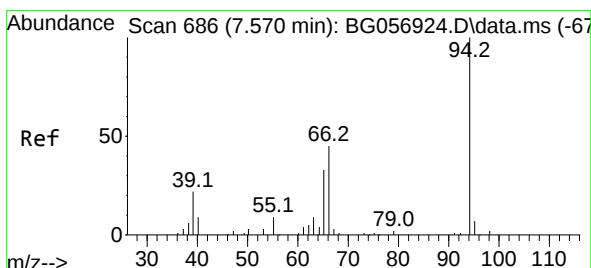
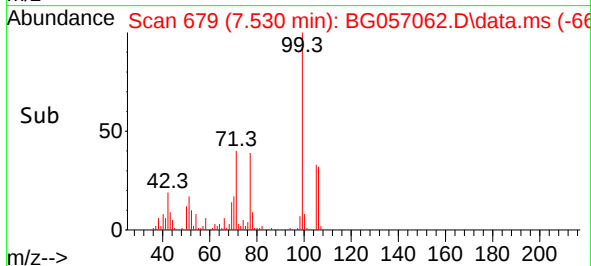
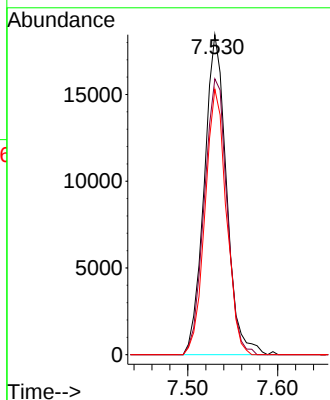
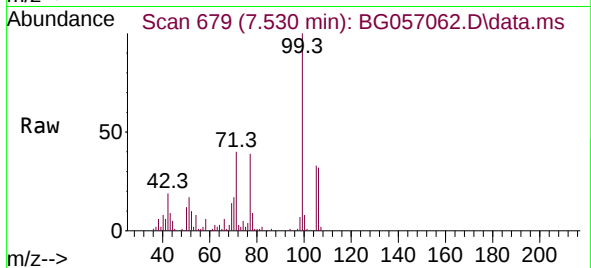
SSTDCCC040

Tgt Ion: 77 Resp: 31814  
Ion Ratio Lower Upper  
77 100  
105 86.2 73.6 113.6  
106 83.0 56.7 96.7

Manual Integrations

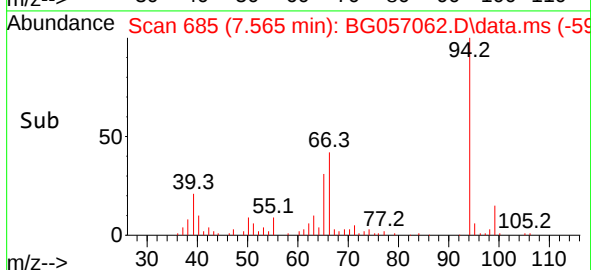
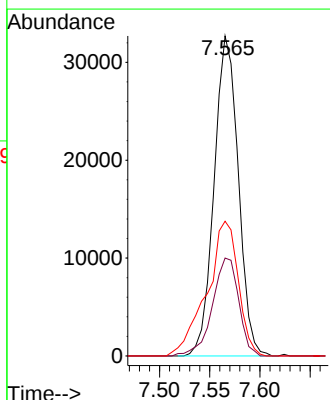
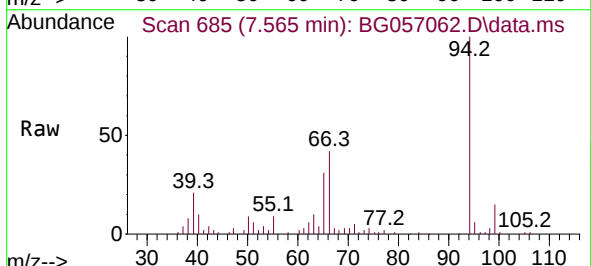
APPROVED

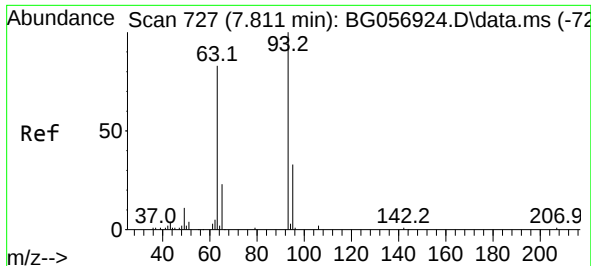
Reviewed By :Christian Giraldo 04/13/2023  
Supervised By :Jagrut Upadhyay 04/13/2023



#10  
Phenol  
Concen: 38.397 ng  
RT: 7.565 min Scan# 685  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

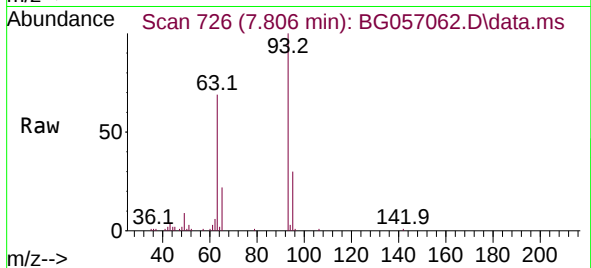
Tgt Ion: 94 Resp: 54665  
Ion Ratio Lower Upper  
94 100  
65 30.6 13.3 53.3  
66 42.1 26.7 66.7





#11  
bis(2-Chloroethyl)ether  
Concen: 40.234 ng  
RT: 7.806 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

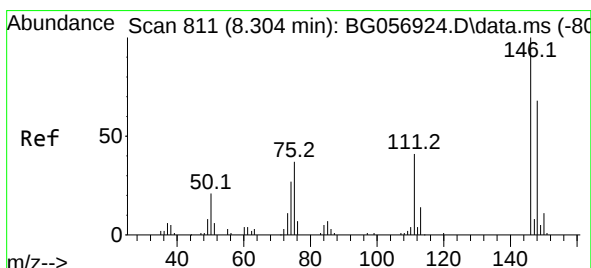
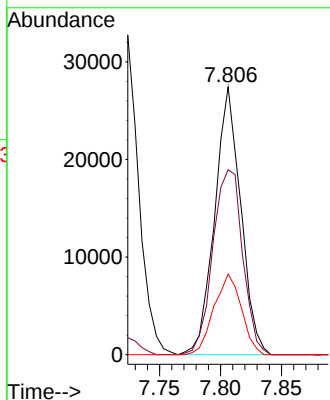
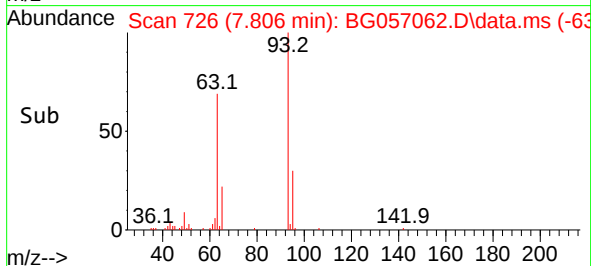
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 93 Resp: 4080  
Ion Ratio Lower Upper  
93 100  
63 69.1 62.7 102.7  
95 30.1 12.3 52.3

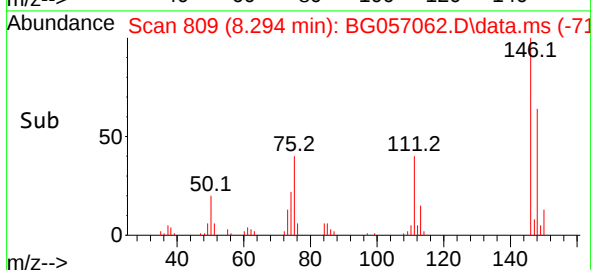
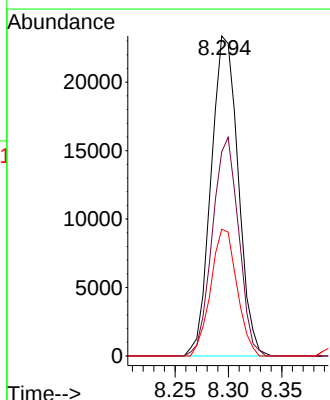
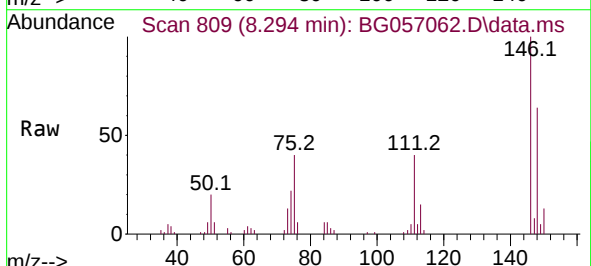
Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 04/13/2023  
Supervised By :Jagrut Upadhyay 04/13/2023



#12  
1,3-Dichlorobenzene  
Concen: 38.995 ng  
RT: 8.294 min Scan# 809  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

Tgt Ion:146 Resp: 41230  
Ion Ratio Lower Upper  
146 100  
148 63.8 54.2 81.4  
75 39.6 29.8 44.8





#13

1,4-Dichlorobenzene

Concen: 38.868 ng

RT: 8.446 min Scan# 81

Delta R.T. 0.000 min

Lab File: BG057062.D

Acq: 12 Apr 2023 13:27

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

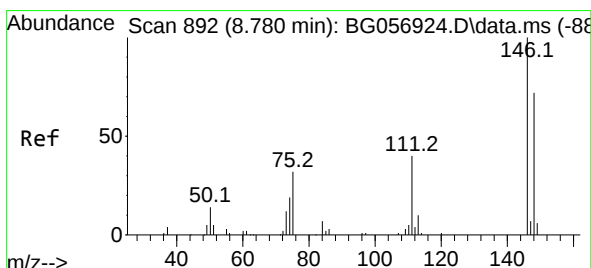
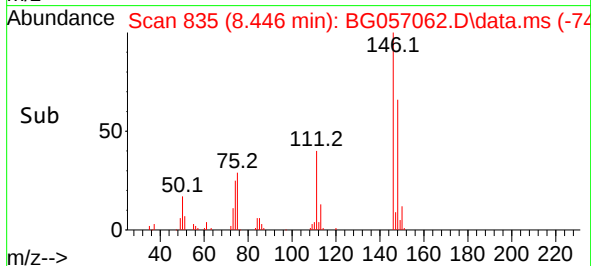
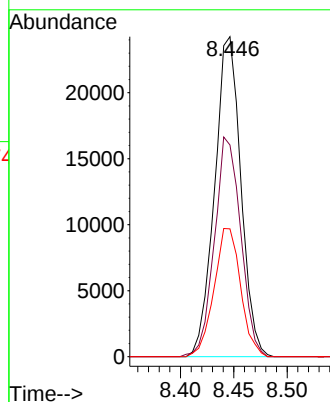
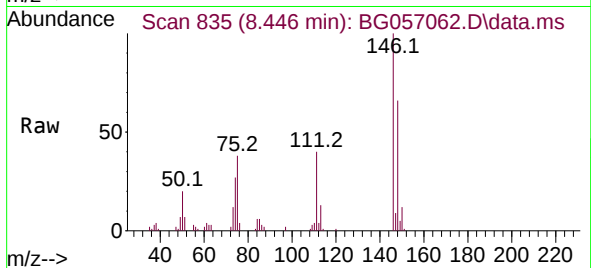
Tgt Ion:146 Resp: 41470  
 Ion Ratio Lower Upper  
 146 100  
 148 66.2 54.8 82.2  
 111 40.0 34.6 52.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/13/2023

Supervised By :Jagrut Upadhyay 04/13/2023



#14

1,2-Dichlorobenzene

Concen: 38.682 ng

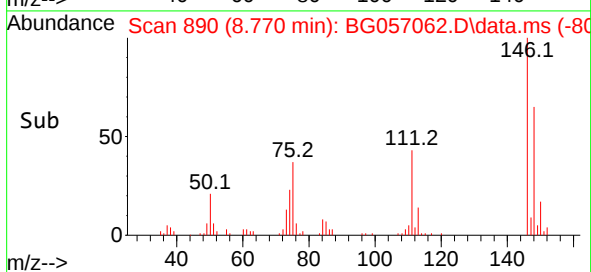
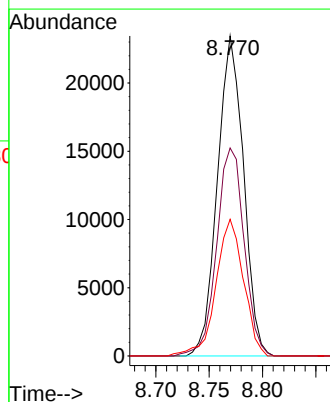
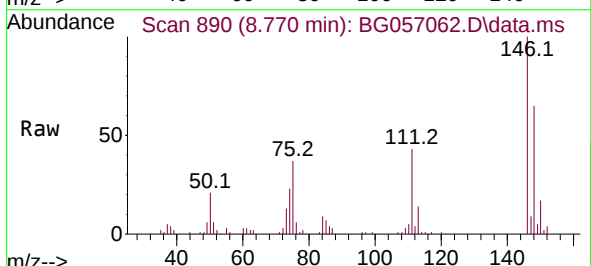
RT: 8.770 min Scan# 890

Delta R.T. 0.000 min

Lab File: BG057062.D

Acq: 12 Apr 2023 13:27

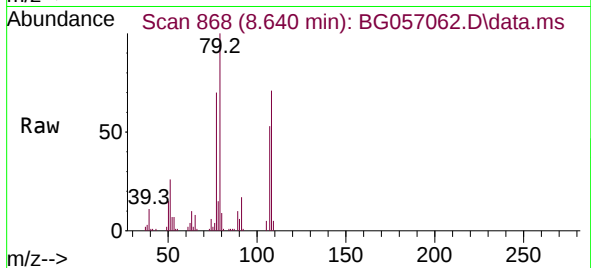
Tgt Ion:146 Resp: 39880  
 Ion Ratio Lower Upper  
 146 100  
 148 65.0 57.4 86.0  
 111 42.7 33.2 49.8





#15  
Benzyl Alcohol  
Concen: 36.728 ng  
RT: 8.640 min Scan# 869  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

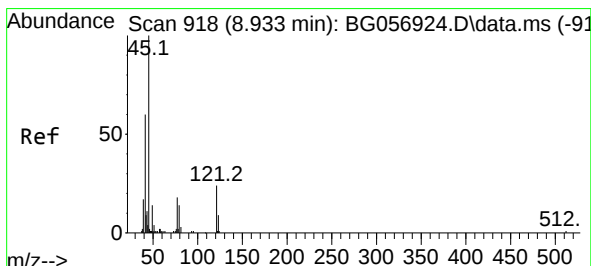
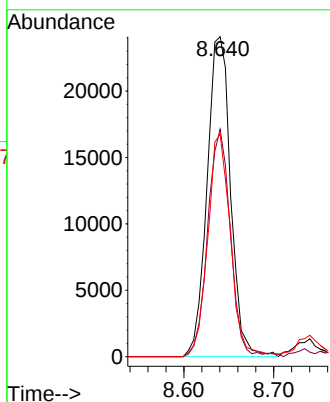
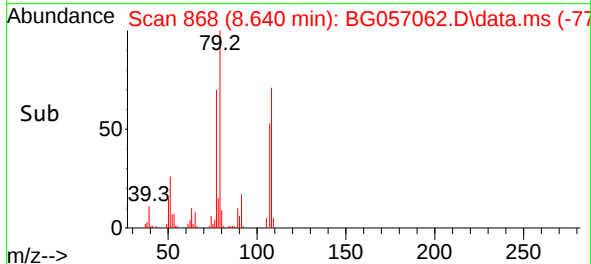
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 79 Resp: 4384  
Ion Ratio Lower Upper  
79 100  
108 71.0 51.2 76.8  
77 69.6 54.4 81.6

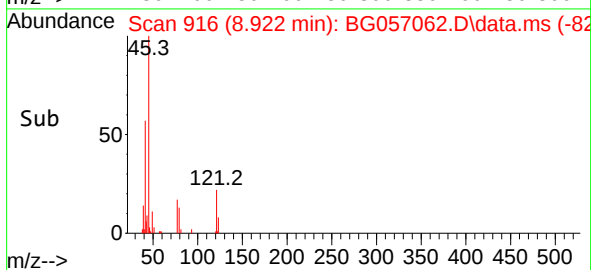
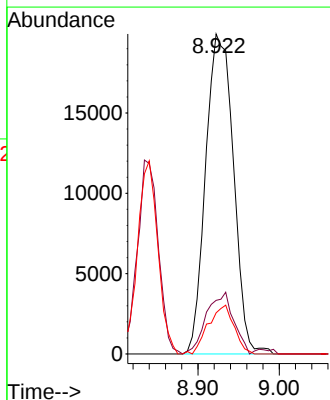
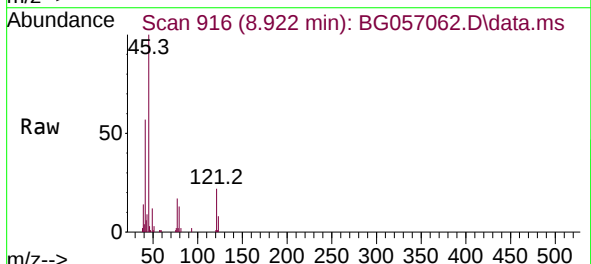
Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 04/13/2023  
Supervised By :Jagrut Upadhyay 04/13/2023



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 38.848 ng  
RT: 8.922 min Scan# 916  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

Tgt Ion: 45 Resp: 47480  
Ion Ratio Lower Upper  
45 100  
77 16.8 0.0 38.7  
79 12.9 0.0 35.1





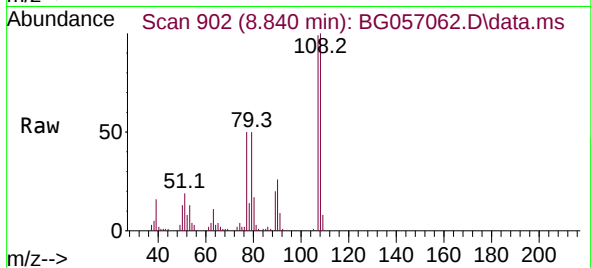
#17  
2-Methylphenol  
Concen: 38.556 ng  
RT: 8.840 min Scan# 903  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

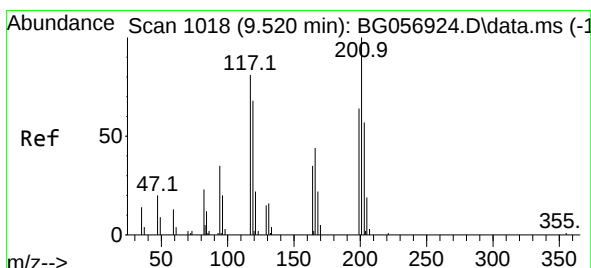
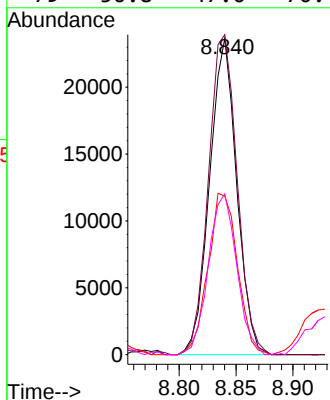
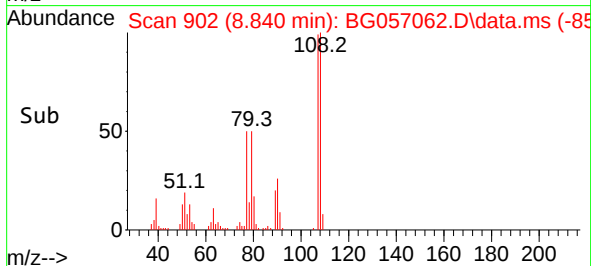


Tgt Ion:107 Resp: 3916  
Ion Ratio Lower Upper  
107 100  
108 101.1 96.0 144.0  
77 50.1 45.6 68.4  
79 50.8 47.0 70.4

Manual Integrations

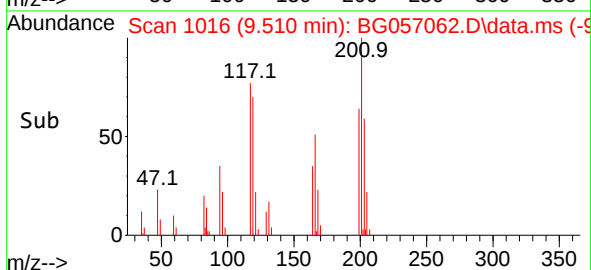
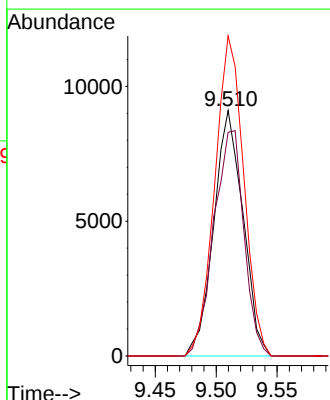
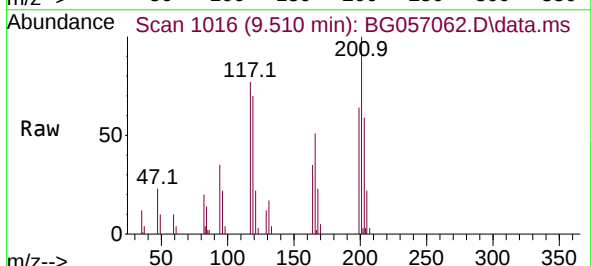
APPROVED

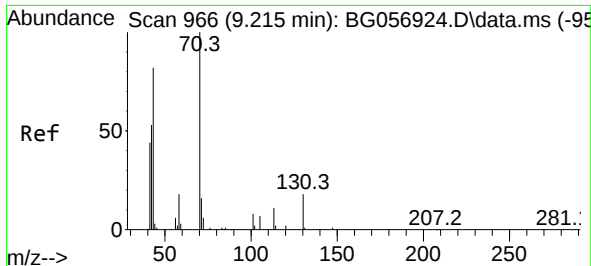
Reviewed By :Christian Giraldo 04/13/2023  
Supervised By :Jagrut Upadhyay 04/13/2023



#18  
Hexachloroethane  
Concen: 38.951 ng  
RT: 9.510 min Scan# 1016  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

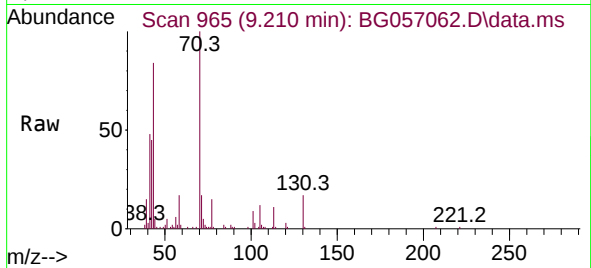
Tgt Ion:117 Resp: 15192  
Ion Ratio Lower Upper  
117 100  
119 91.2 67.0 100.6  
201 130.4 98.7 148.1





#19  
n-Nitroso-di-n-propylamine  
Concen: 37.318 ng  
RT: 9.210 min Scan# 901  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

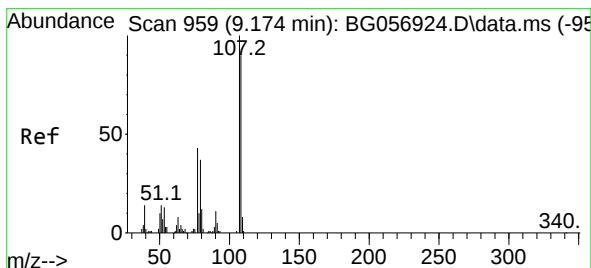
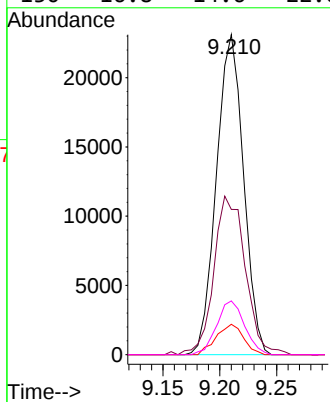
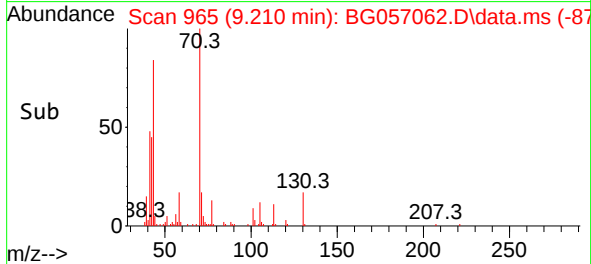
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



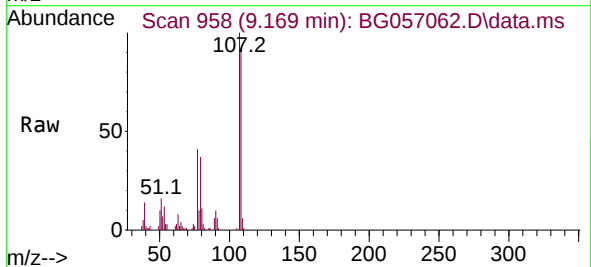
Tgt Ion: 70 Resp: 3835  
Ion Ratio Lower Upper  
70 100  
42 45.4 43.4 65.0  
101 9.5 6.2 9.2  
130 16.8 14.6 22.0

Manual Integrations  
APPROVED

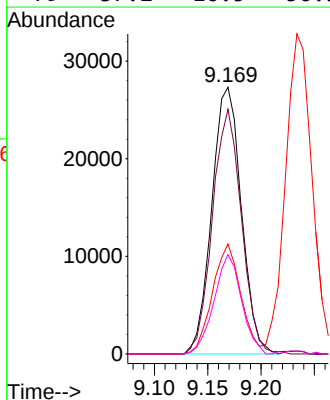
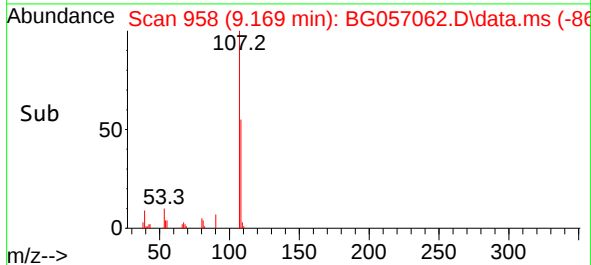
Reviewed By :Christian Giraldo 04/13/2023  
Supervised By :Jagrut Upadhyay 04/13/2023

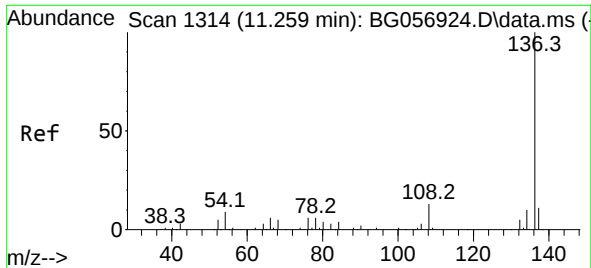


#20  
3+4-Methylphenols  
Concen: 36.987 ng  
RT: 9.169 min Scan# 958  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27



Tgt Ion:107 Resp: 52533  
Ion Ratio Lower Upper  
107 100  
108 91.7 69.9 109.9  
77 41.2 22.7 62.7  
79 37.2 16.5 56.5





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.249 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

Instrument :

BNA\_G

ClientSampleId :

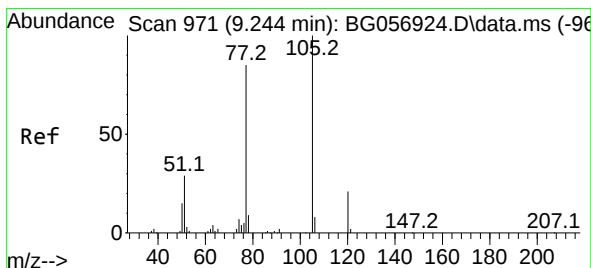
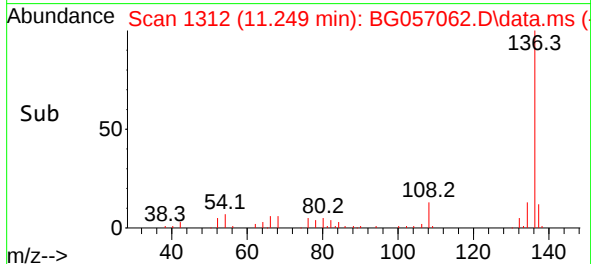
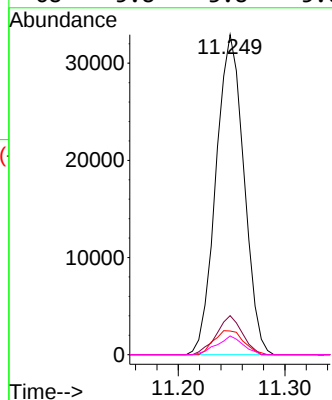
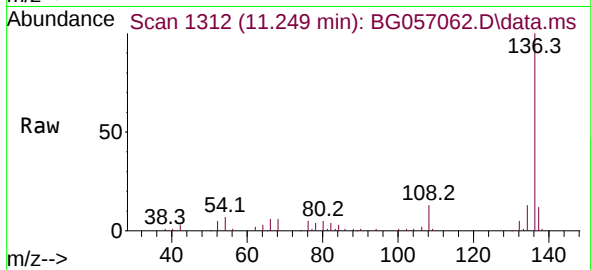
SSTDCCC040

Tgt Ion:136 Resp: 59884  
Ion Ratio Lower Upper  
136 100  
137 12.2 8.6 13.0  
54 7.4 6.9 10.3  
68 5.8 3.8 5.6#

Manual Integrations

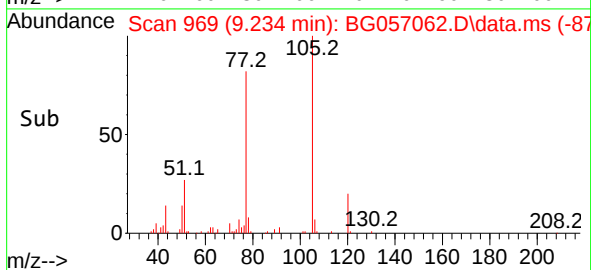
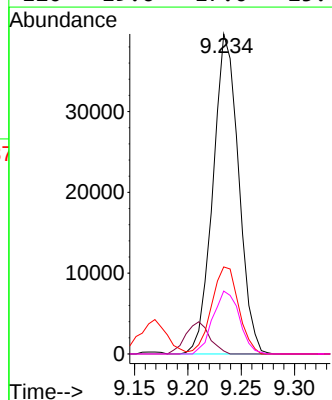
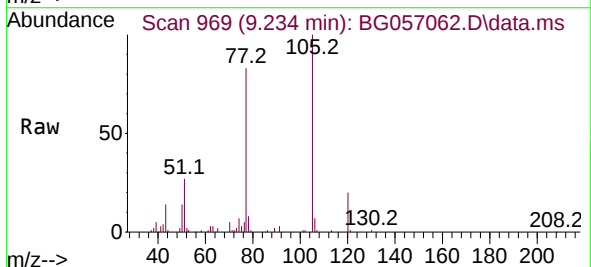
APPROVED

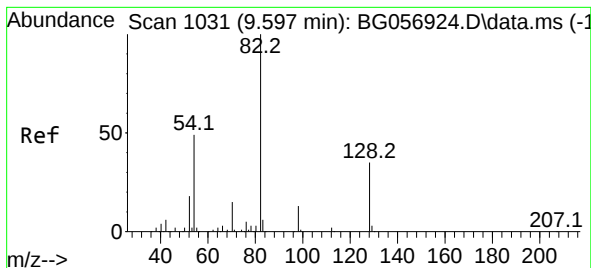
Reviewed By :Christian Giraldo 04/13/2023  
Supervised By :Jagrut Upadhyay 04/13/2023



#22  
Acetophenone  
Concen: 37.114 ng  
RT: 9.234 min Scan# 969  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

Tgt Ion:105 Resp: 66135  
Ion Ratio Lower Upper  
105 100  
71 0.9 0.7 1.1  
51 27.2 23.8 35.8  
120 19.6 17.0 25.4





#23

Nitrobenzene-d5

Concen: 76.258 ng

RT: 9.586 min Scan# 1029

Delta R.T. 0.000 min

Lab File: BG057062.D

Acq: 12 Apr 2023 13:27

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 111600

Ion Ratio Lower Upper

82 100

128 36.7 27.9 41.9

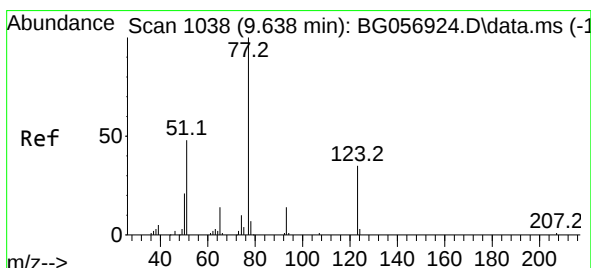
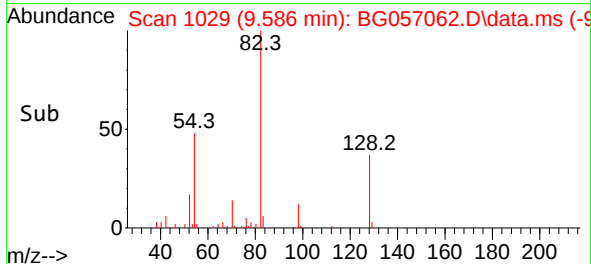
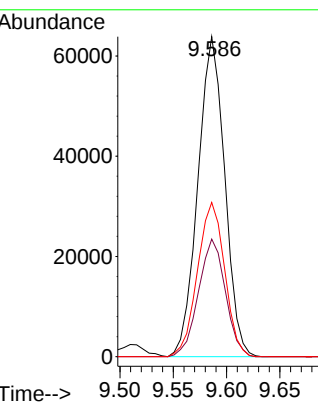
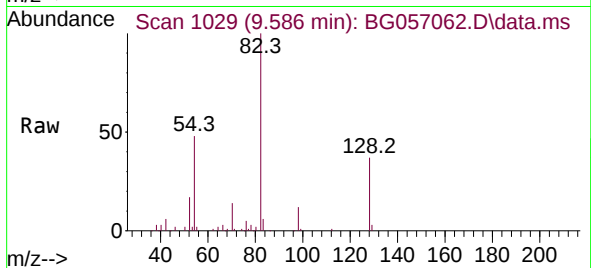
54 48.2 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/13/2023

Supervised By :Jagrut Upadhyay 04/13/2023



#24

Nitrobenzene

Concen: 38.003 ng

RT: 9.627 min Scan# 1036

Delta R.T. 0.000 min

Lab File: BG057062.D

Acq: 12 Apr 2023 13:27

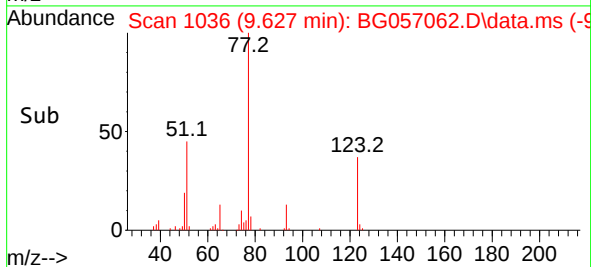
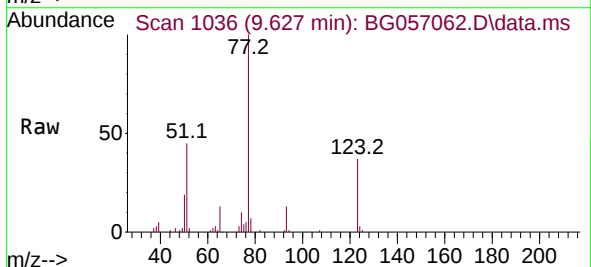
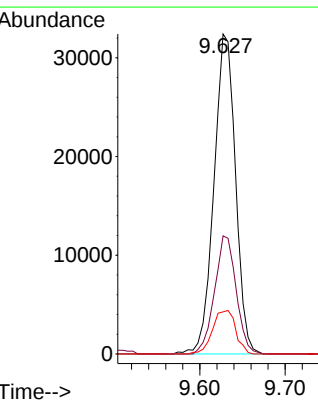
Tgt Ion: 77 Resp: 56864

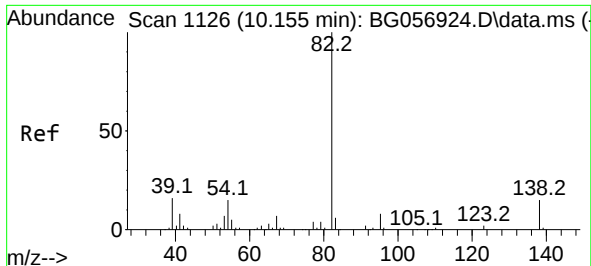
Ion Ratio Lower Upper

77 100

123 36.9 27.6 41.4

65 13.2 11.5 17.3





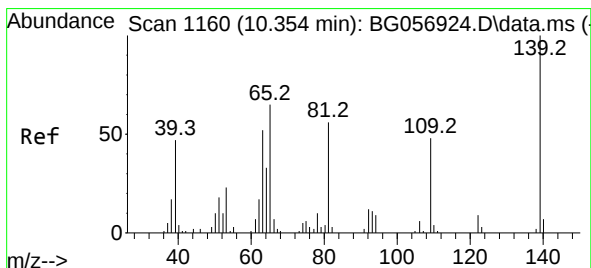
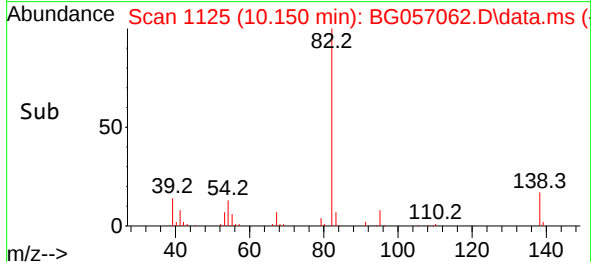
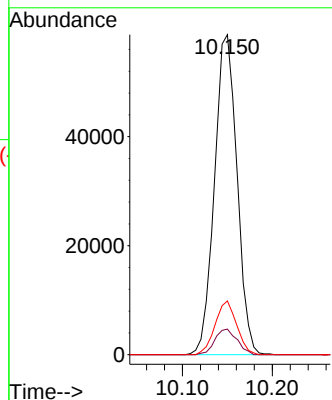
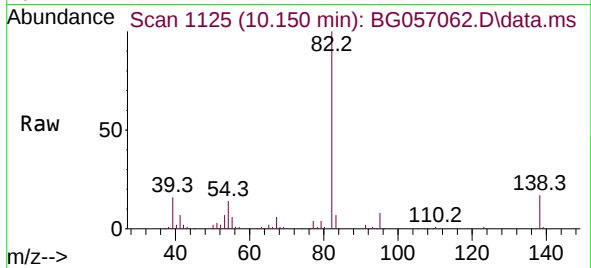
#25  
Isophorone  
Concen: 36.687 ng  
RT: 10.150 min Scan# 1126  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 82 Resp: 10224  
Ion Ratio Lower Upper  
82 100  
95 8.0 6.3 9.5  
138 16.8 11.8 17.8

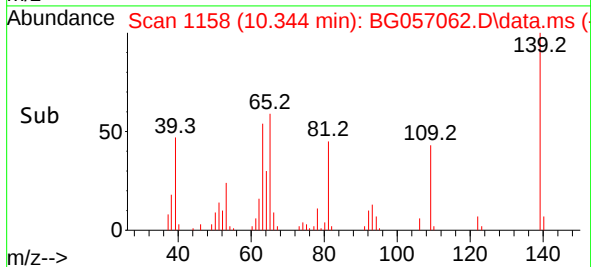
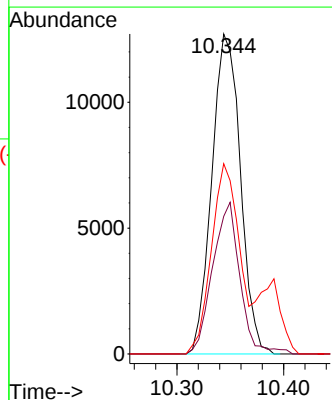
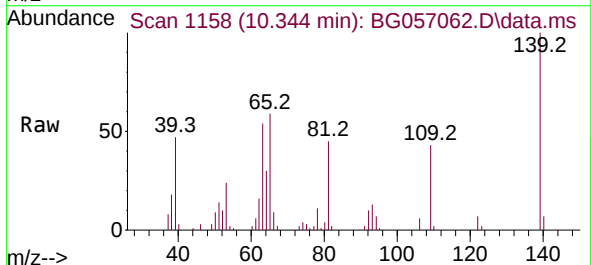
Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 04/13/2023  
Supervised By :Jagrut Upadhyay 04/13/2023



#26  
2-Nitrophenol  
Concen: 40.914 ng  
RT: 10.344 min Scan# 1158  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

Tgt Ion:139 Resp: 23630  
Ion Ratio Lower Upper  
139 100  
109 43.0 38.2 57.4  
65 59.4 51.8 77.8





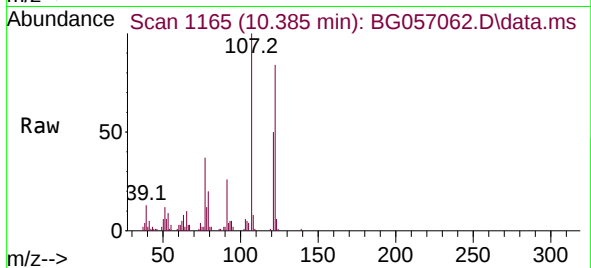
#27  
2,4-Dimethylphenol  
Concen: 38.052 ng  
RT: 10.385 min Scan# 1165  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

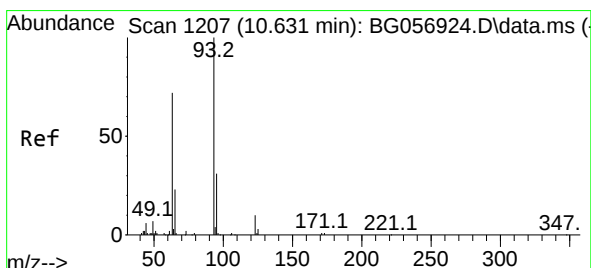
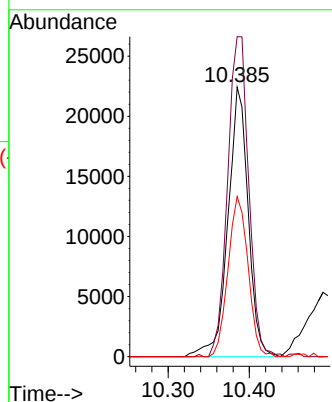
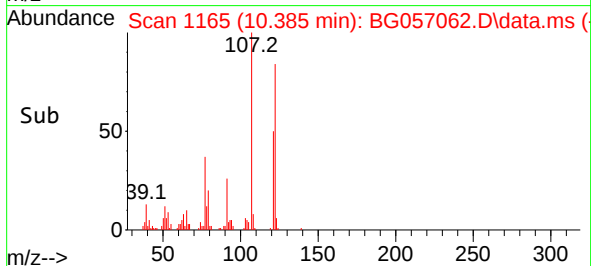


Tgt Ion:122 Resp: 3880  
Ion Ratio Lower Upper  
122 100  
107 118.7 105.7 158.5  
121 59.4 48.0 72.0

Manual Integrations

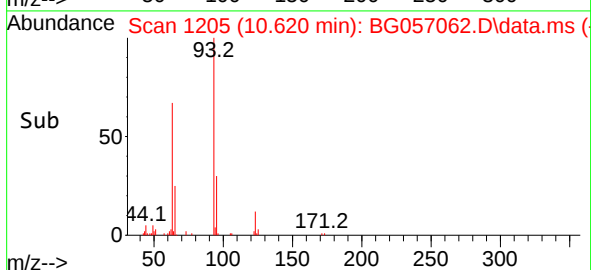
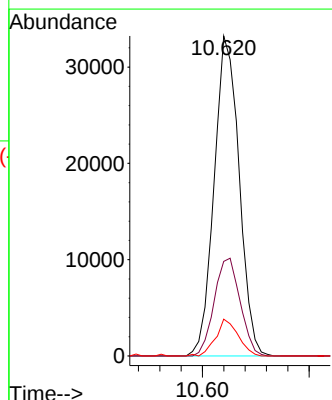
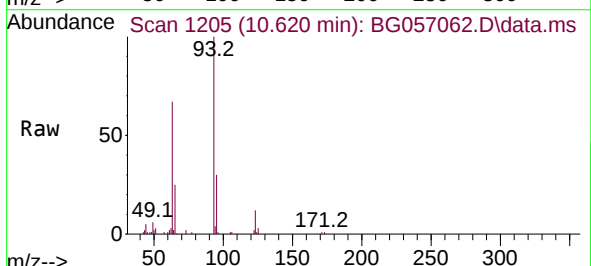
APPROVED

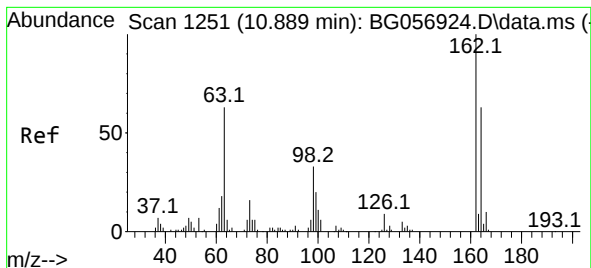
Reviewed By :Christian Giraldo 04/13/2023  
Supervised By :Jagrut Upadhyay 04/13/2023



#28  
bis(2-Chloroethoxy)methane  
Concen: 38.688 ng  
RT: 10.620 min Scan# 1205  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

Tgt Ion: 93 Resp: 53980  
Ion Ratio Lower Upper  
93 100  
95 29.5 24.6 37.0  
123 11.5 7.8 11.6





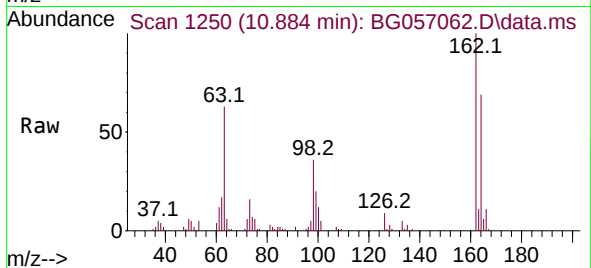
#29  
2,4-Dichlorophenol  
Concen: 37.326 ng  
RT: 10.884 min Scan# 1250  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

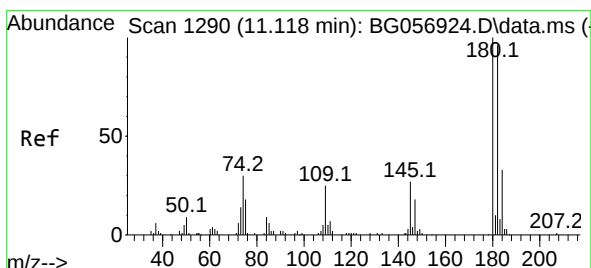
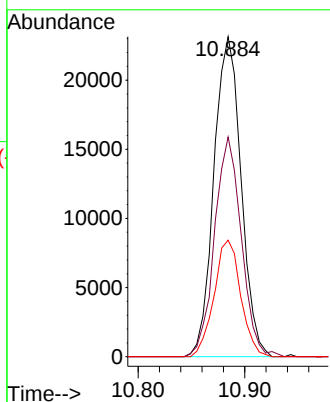
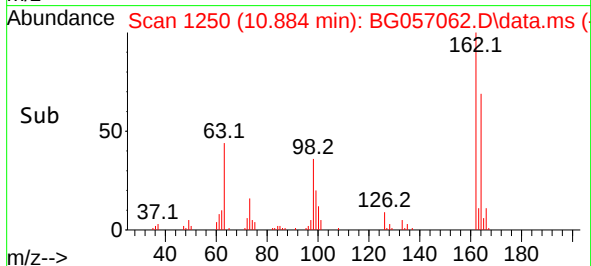


Tgt Ion:162 Resp: 40934  
Ion Ratio Lower Upper  
162 100  
164 68.6 43.4 83.4  
98 36.4 12.5 52.5

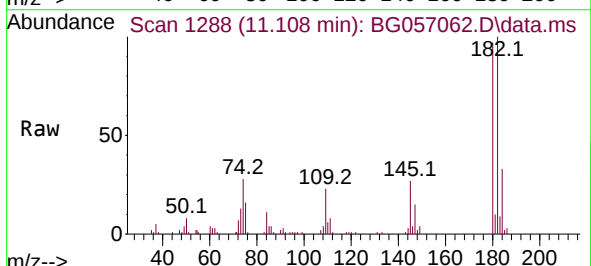
Manual Integrations

APPROVED

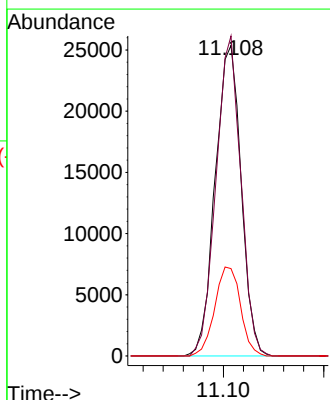
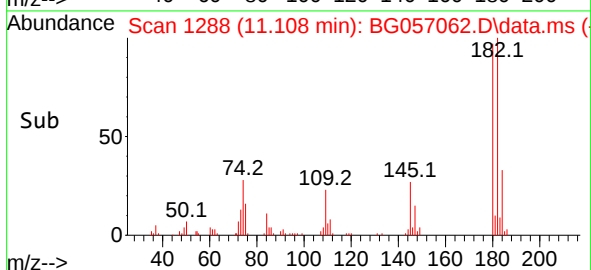
Reviewed By :Christian Giraldo 04/13/2023  
Supervised By :Jagrut Upadhyay 04/13/2023

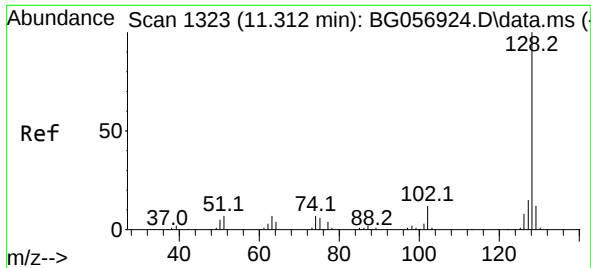


#30  
1,2,4-Trichlorobenzene  
Concen: 38.998 ng  
RT: 11.108 min Scan# 1288  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27



Tgt Ion:180 Resp: 45442  
Ion Ratio Lower Upper  
180 100  
182 103.0 77.1 115.7  
145 28.1 21.3 31.9





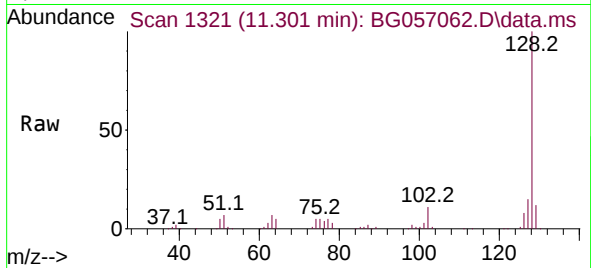
#31  
Naphthalene  
Concen: 39.037 ng  
RT: 11.301 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

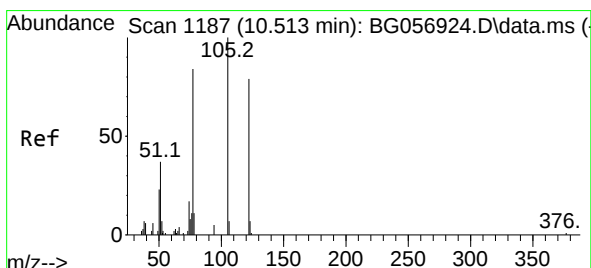
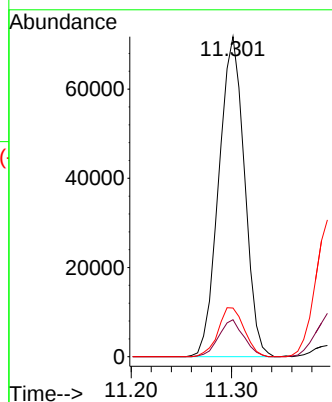
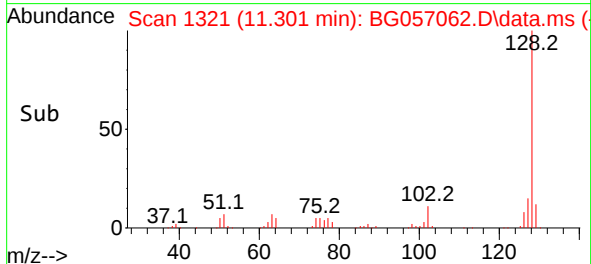


Tgt Ion:128 Resp: 12742  
Ion Ratio Lower Upper  
128 100  
129 11.6 9.4 14.2  
127 15.2 12.2 18.4

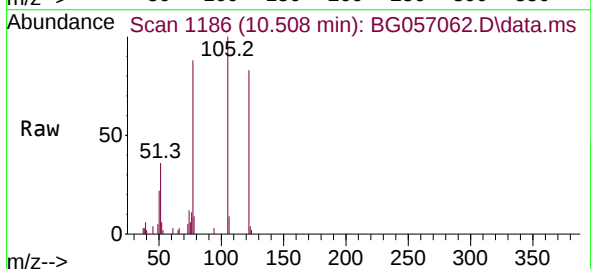
Manual Integrations

APPROVED

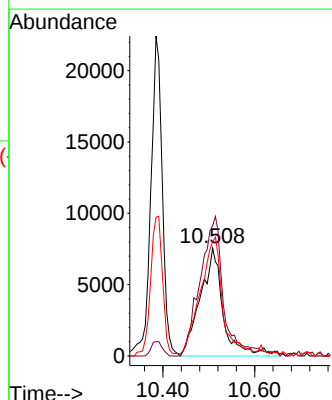
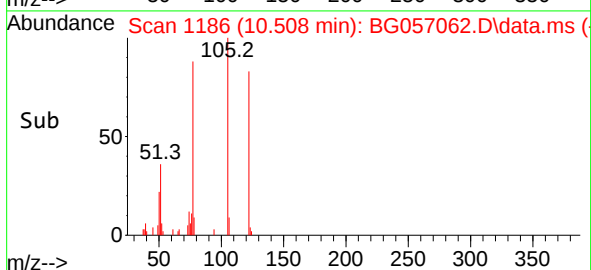
Reviewed By :Christian Giraldo 04/13/2023  
Supervised By :Jagrut Upadhyay 04/13/2023

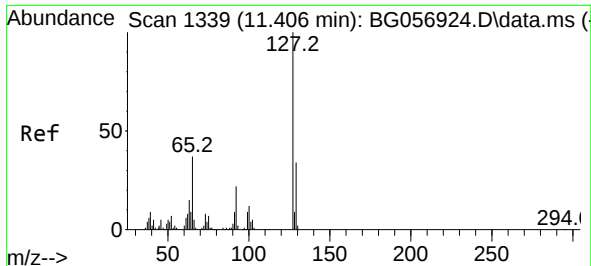


#32  
Benzoic acid  
Concen: 37.287 ng m  
RT: 10.508 min Scan# 1186  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27



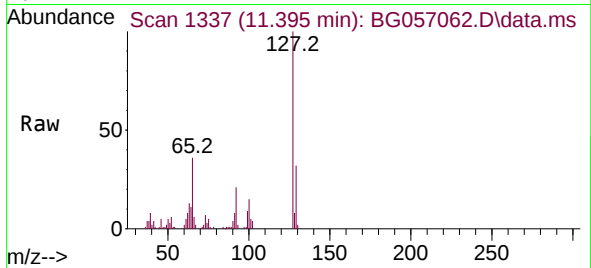
Tgt Ion:122 Resp: 26118  
Ion Ratio Lower Upper  
122 100  
105 120.9 105.4 145.4  
77 106.0 87.4 127.4





#33  
4-Chloroaniline  
Concen: 38.206 ng  
RT: 11.395 min Scan# 1137  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

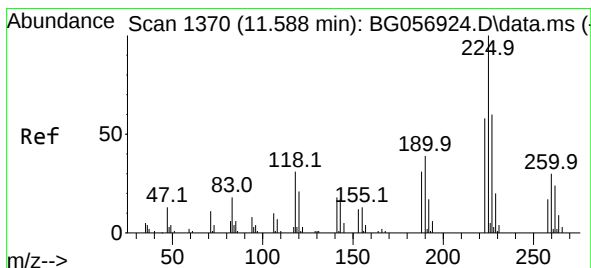
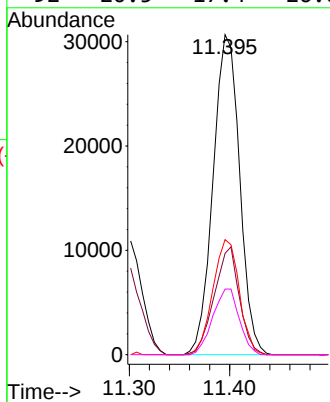
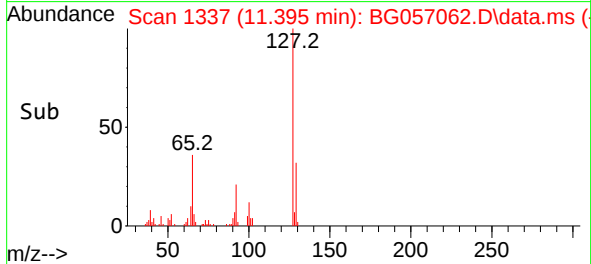
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 31.7  | 27.6  | 41.4  |
| 65      | 35.9  | 29.8  | 44.8  |
| 92      | 20.5  | 17.4  | 26.0  |

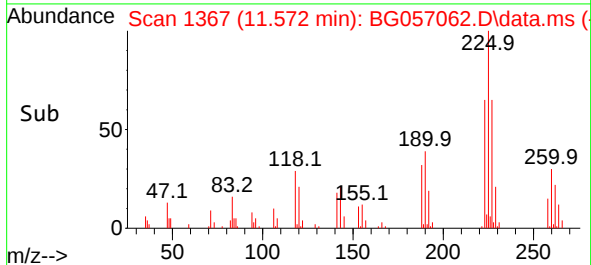
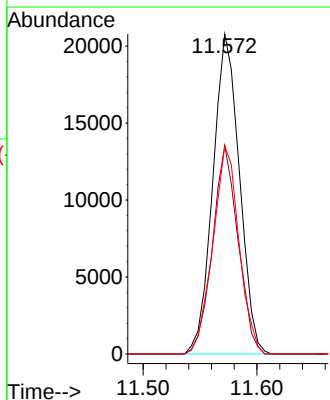
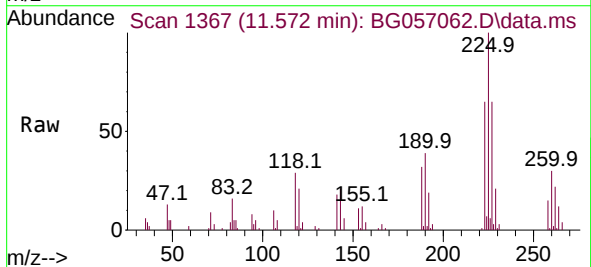
Manual Integrations  
APPROVED

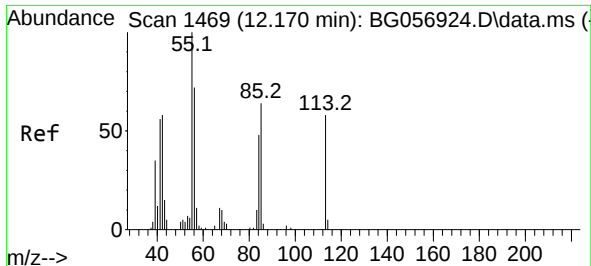
Reviewed By :Christian Giraldo 04/13/2023  
Supervised By :Jagrut Upadhyay 04/13/2023



#34  
Hexachlorobutadiene  
Concen: 38.515 ng  
RT: 11.572 min Scan# 1367  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

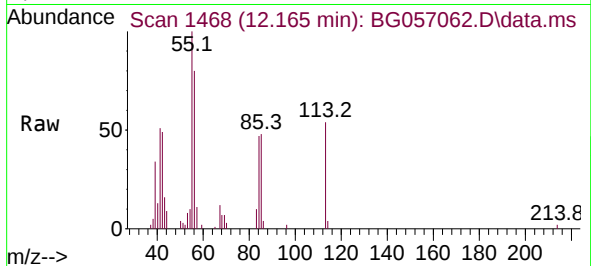
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 65.2  | 46.4  | 69.6  |
| 227     | 65.0  | 48.0  | 72.0  |





#35  
Caprolactam  
Concen: 35.695 ng  
RT: 12.165 min Scan# 1468  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

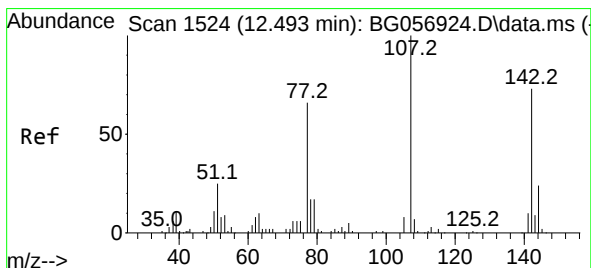
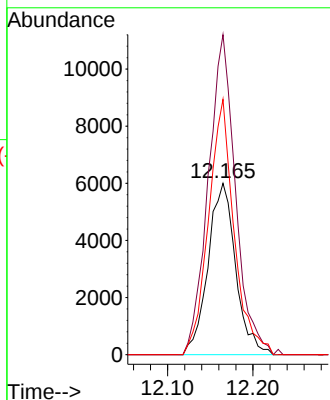
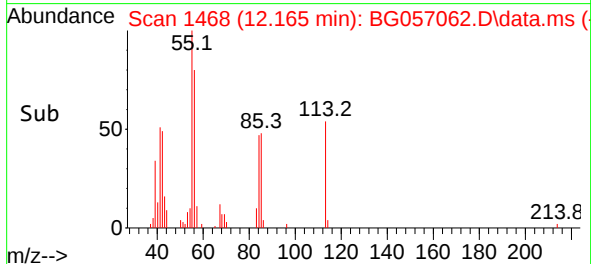
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



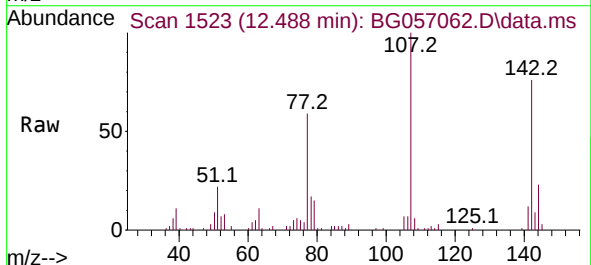
Tgt Ion:113 Resp: 13500  
Ion Ratio Lower Upper  
113 100  
55 186.7 151.6 191.6  
56 149.0 103.7 143.7

Manual Integrations  
APPROVED

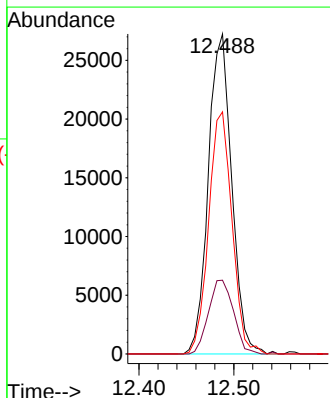
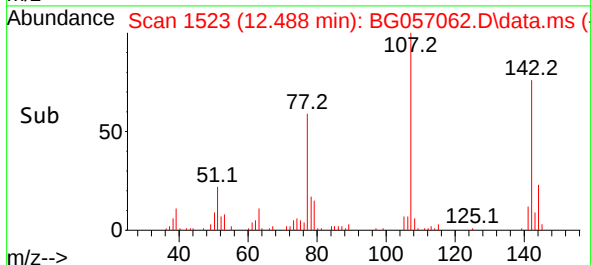
Reviewed By :Christian Giraldo 04/13/2023  
Supervised By :Jagrut Upadhyay 04/13/2023

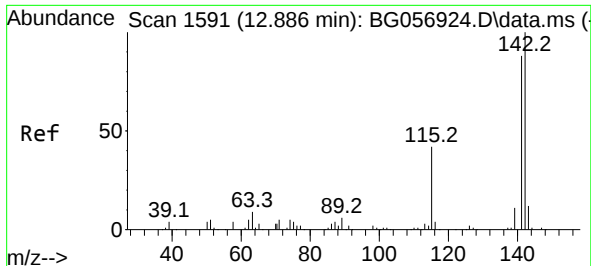


#36  
4-Chloro-3-methylphenol  
Concen: 38.165 ng  
RT: 12.488 min Scan# 1523  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27



Tgt Ion:107 Resp: 46806  
Ion Ratio Lower Upper  
107 100  
144 23.1 19.0 28.4  
142 75.7 58.6 88.0





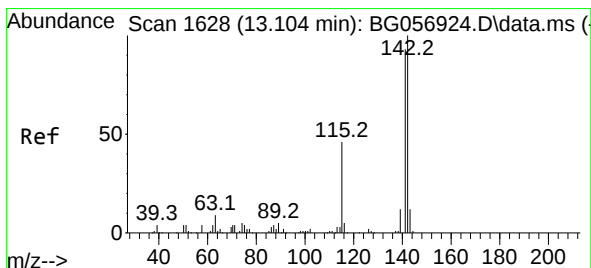
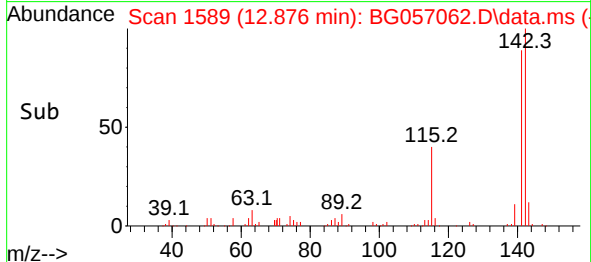
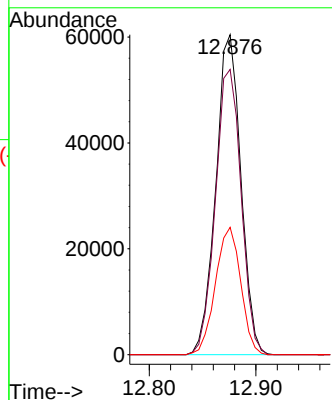
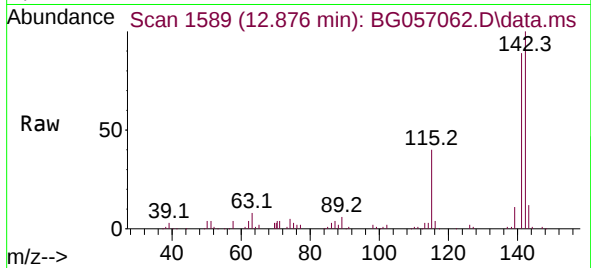
#37  
2-Methylnaphthalene  
Concen: 38.116 ng  
RT: 12.876 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:142 Resp: 9874  
Ion Ratio Lower Upper  
142 100  
141 89.1 70.3 105.5  
115 39.8 33.5 50.3

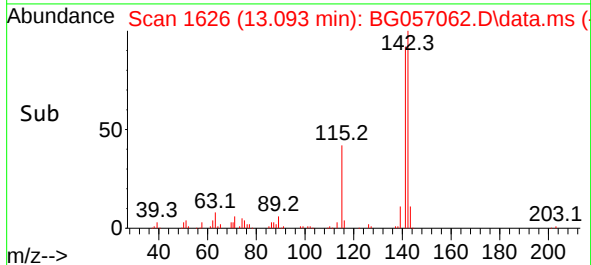
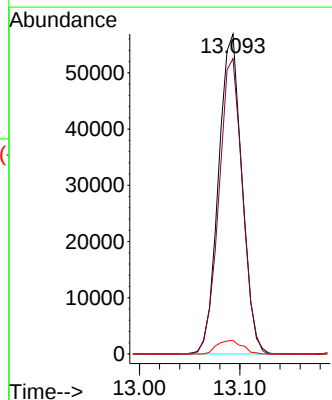
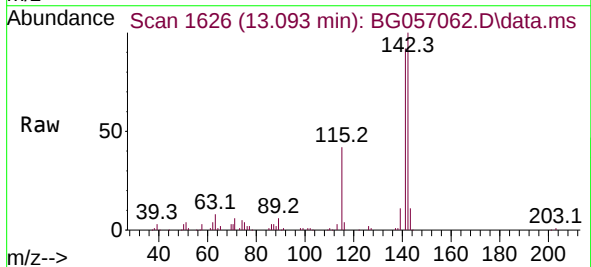
Manual Integrations  
APPROVED

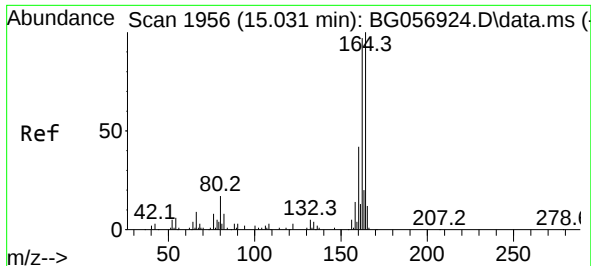
Reviewed By :Christian Giraldo 04/13/2023  
Supervised By :Jagrut Upadhyay 04/13/2023



#38  
1-Methylnaphthalene  
Concen: 37.823 ng  
RT: 13.093 min Scan# 1626  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

Tgt Ion:142 Resp: 92006  
Ion Ratio Lower Upper  
142 100  
141 92.3 74.0 111.0  
116 4.3 3.7 5.5





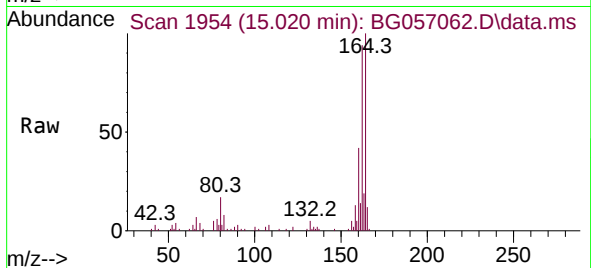
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 15.020 min Scan# 1954  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

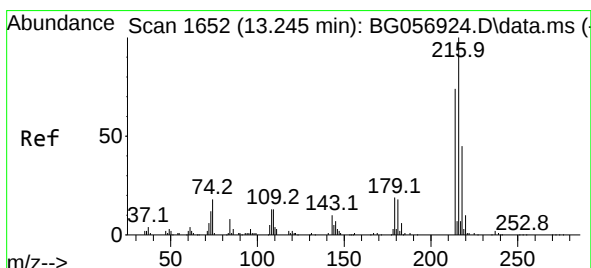
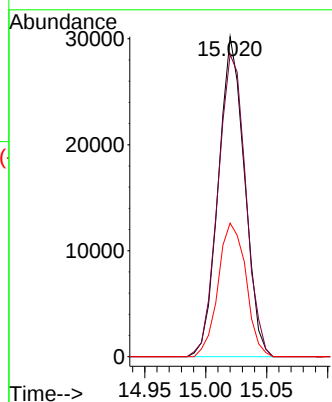
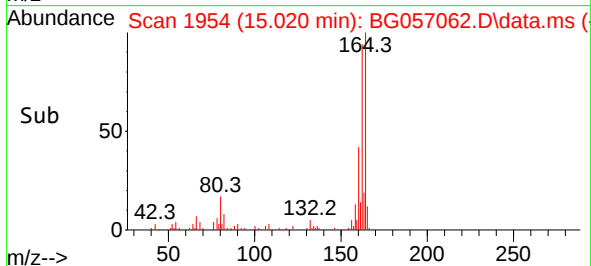


Tgt Ion:164 Resp: 44989  
Ion Ratio Lower Upper  
164 100  
162 94.4 77.8 116.8  
160 41.8 33.5 50.3

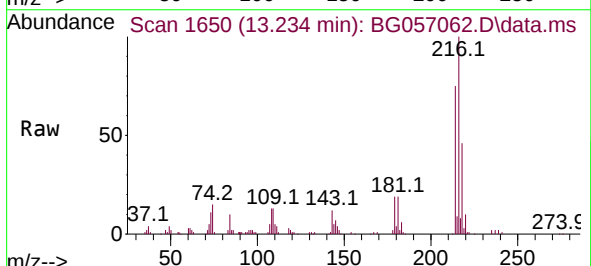
Manual Integrations

APPROVED

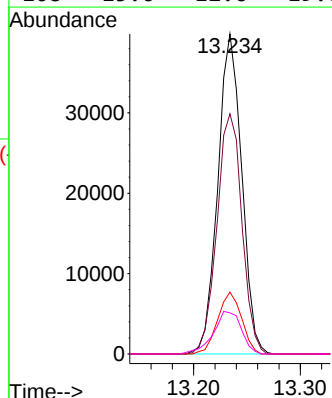
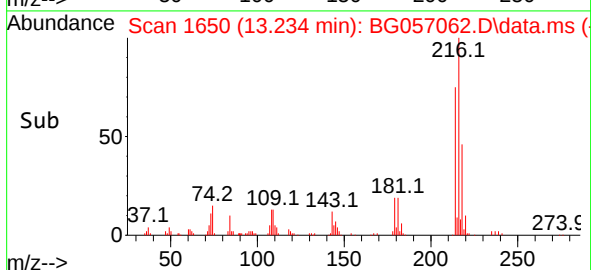
Reviewed By :Christian Giraldo 04/13/2023  
Supervised By :Jagrut Upadhyay 04/13/2023

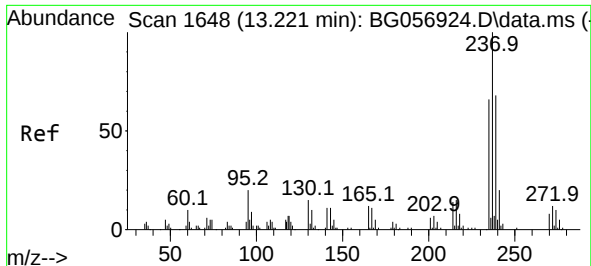


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.687 ng  
RT: 13.234 min Scan# 1650  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27



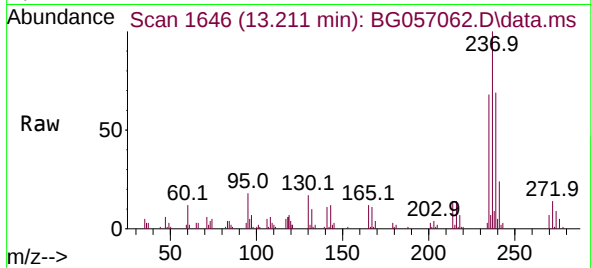
Tgt Ion:216 Resp: 61916  
Ion Ratio Lower Upper  
216 100  
214 78.4 63.3 94.9  
179 19.3 15.0 22.6  
108 15.6 12.6 19.0





#41  
Hexachlorocyclopentadiene  
Concen: 39.426 ng  
RT: 13.211 min Scan# 10  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

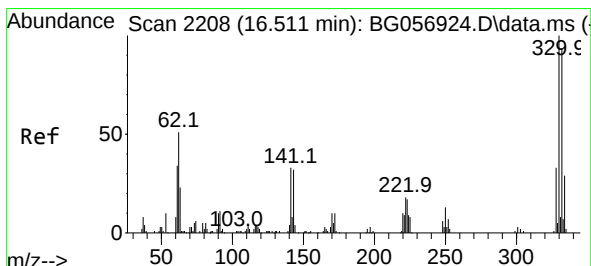
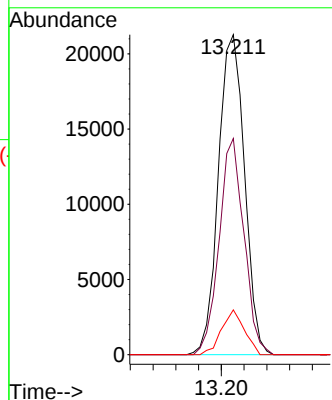
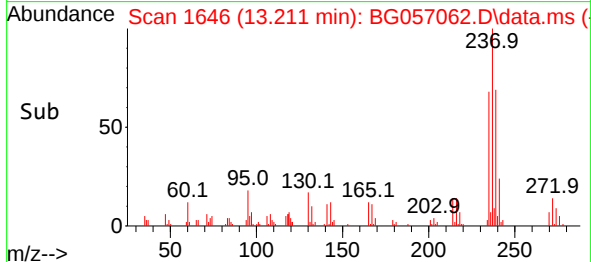
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



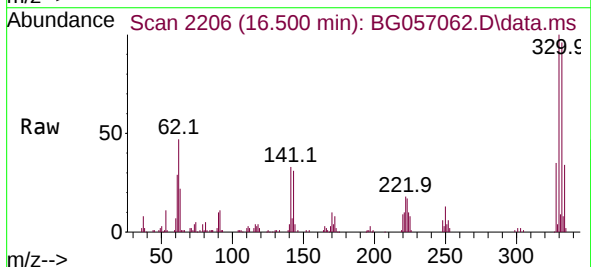
Tgt Ion:237 Resp: 3388  
Ion Ratio Lower Upper  
237 100  
235 67.5 45.9 85.9  
272 14.0 0.0 32.3

Manual Integrations  
APPROVED

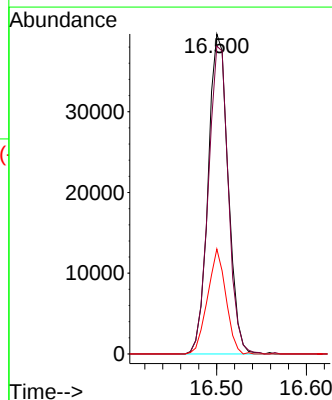
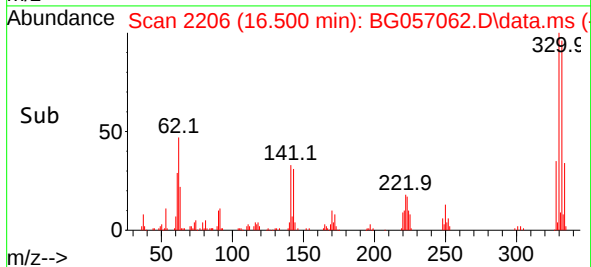
Reviewed By :Christian Giraldo 04/13/2023  
Supervised By :Jagrut Upadhyay 04/13/2023

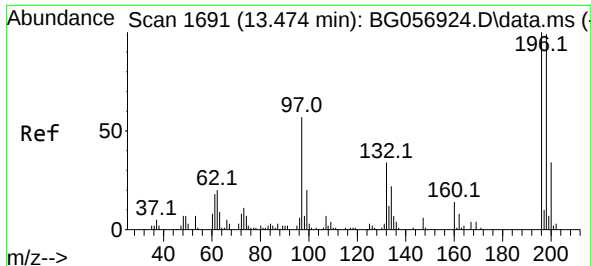


#42  
2,4,6-Tribromophenol  
Concen: 85.013 ng  
RT: 16.500 min Scan# 2206  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27



Tgt Ion:330 Resp: 61100  
Ion Ratio Lower Upper  
330 100  
332 96.1 76.1 114.1  
141 30.1 25.8 38.6





#43  
2,4,6-Trichlorophenol  
Concen: 40.699 ng  
RT: 13.463 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

Instrument :

BNA\_G

ClientSampleId :

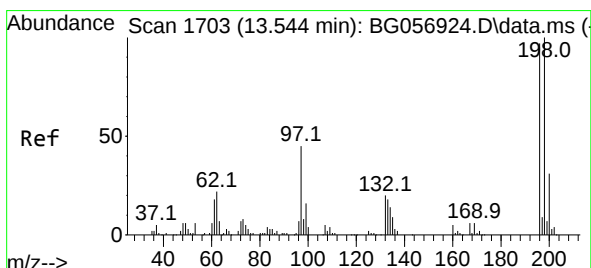
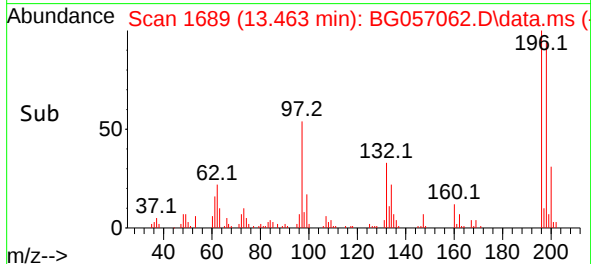
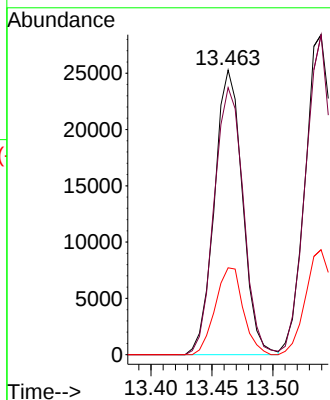
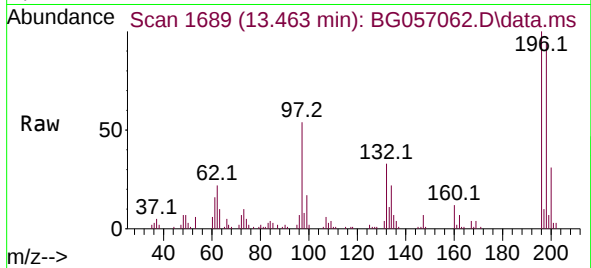
SSTDCCC040

Tgt Ion:196 Resp: 40518  
Ion Ratio Lower Upper  
196 100  
198 93.8 79.1 118.7  
200 30.5 27.2 40.8

Manual Integrations

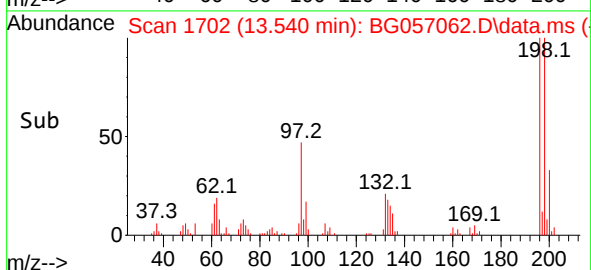
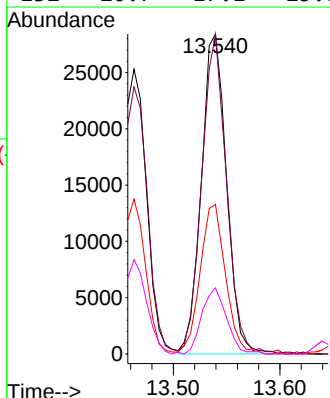
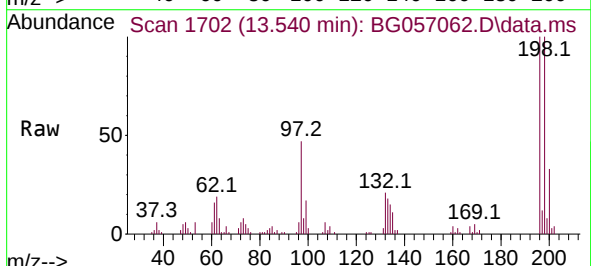
APPROVED

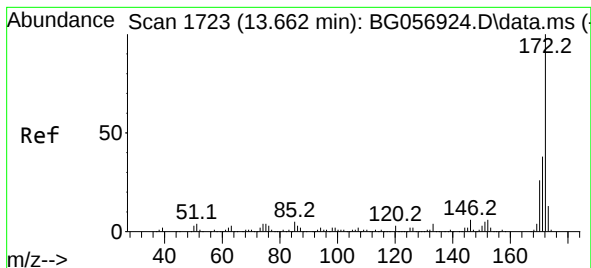
Reviewed By :Christian Giraldo 04/13/2023  
Supervised By :Jagrut Upadhyay 04/13/2023



#44  
2,4,5-Trichlorophenol  
Concen: 39.572 ng  
RT: 13.540 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

Tgt Ion:196 Resp: 46671  
Ion Ratio Lower Upper  
196 100  
198 99.9 82.5 123.7  
97 46.7 37.0 55.6  
132 20.7 17.1 25.7





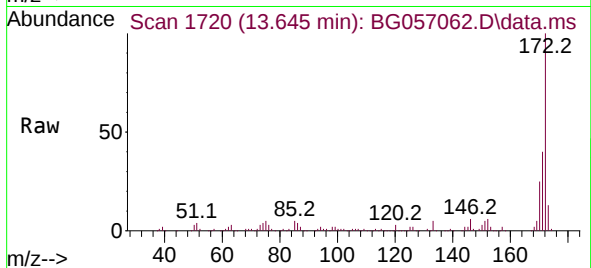
#45  
2-Fluorobiphenyl  
Concen: 79.383 ng  
RT: 13.645 min Scan# 1720  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

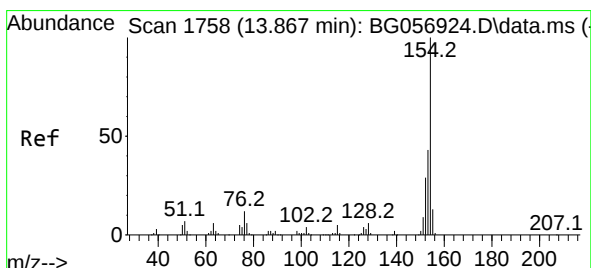
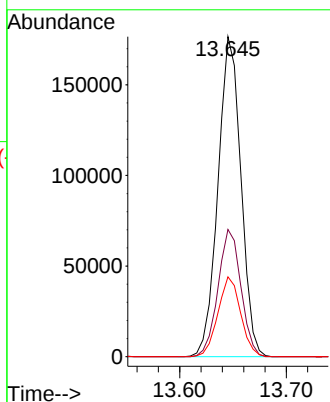
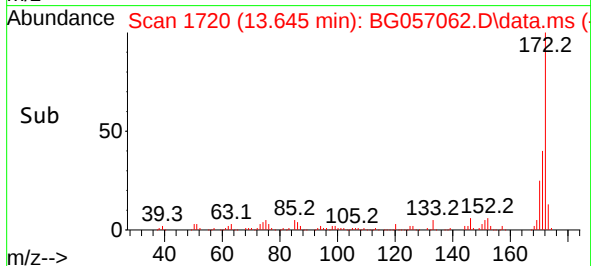


Tgt Ion:172 Resp: 263374  
Ion Ratio Lower Upper  
172 100  
171 39.8 30.6 46.0  
170 24.9 20.6 30.8

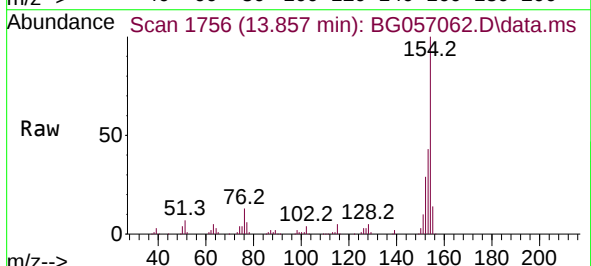
Manual Integrations

APPROVED

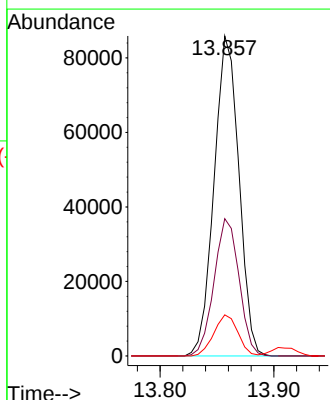
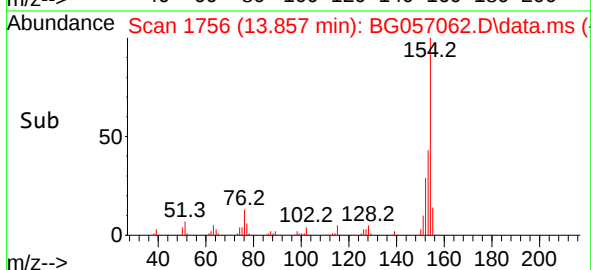
Reviewed By :Christian Giraldo 04/13/2023  
Supervised By :Jagrut Upadhyay 04/13/2023



#46  
1,1'-Biphenyl  
Concen: 39.556 ng  
RT: 13.857 min Scan# 1756  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27



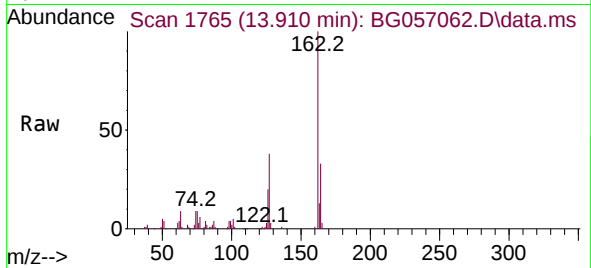
Tgt Ion:154 Resp: 130270  
Ion Ratio Lower Upper  
154 100  
153 42.9 23.4 63.4  
76 12.9 0.0 31.6





#47  
2-Chloronaphthalene  
Concen: 41.826 ng  
RT: 13.910 min Scan# 1765  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

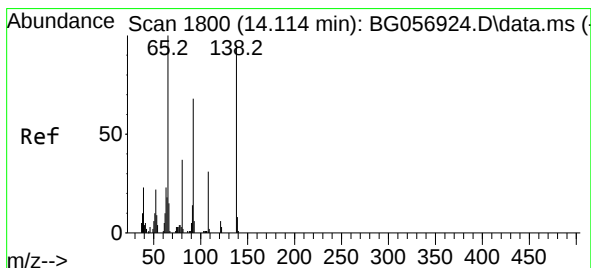
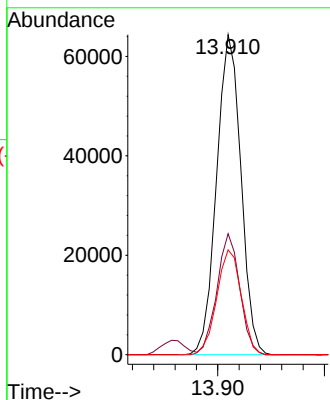
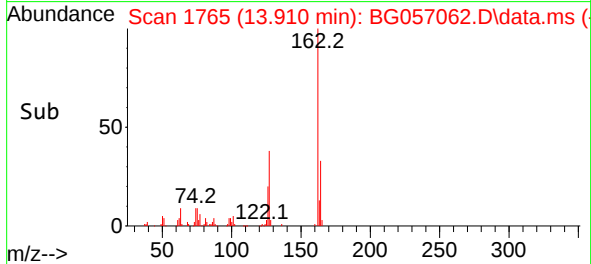
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



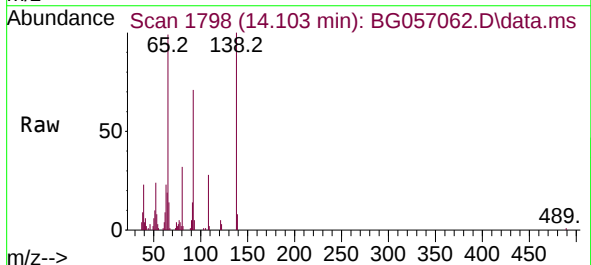
Tgt Ion:162 Resp: 10187  
Ion Ratio Lower Upper  
162 100  
127 37.8 29.5 44.3  
164 32.7 25.5 38.3

Manual Integrations  
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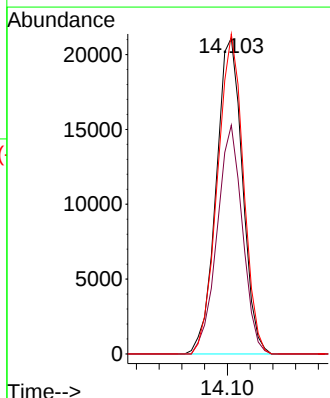
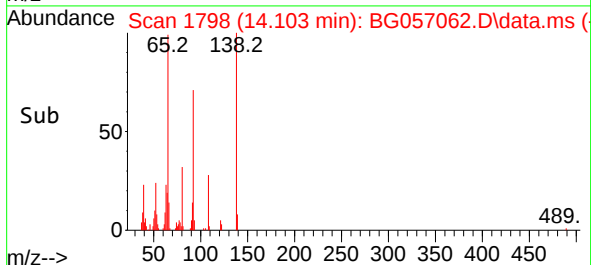
Reviewed By :Christian Giraldo 04/13/2023  
Supervised By :Jagrut Upadhyay 04/13/2023



#48  
2-Nitroaniline  
Concen: 38.847 ng  
RT: 14.103 min Scan# 1798  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27



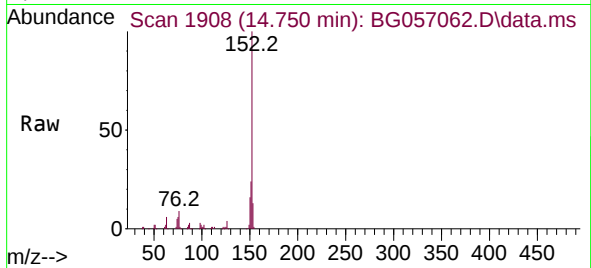
Tgt Ion: 65 Resp: 33834  
Ion Ratio Lower Upper  
65 100  
92 72.4 54.3 81.5  
138 101.3 76.0 114.0





#49  
Acenaphthylene  
Concen: 40.199 ng  
RT: 14.750 min Scan# 1910  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

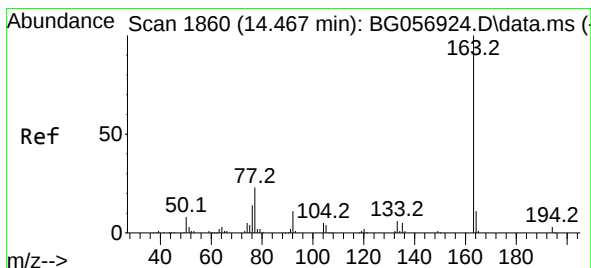
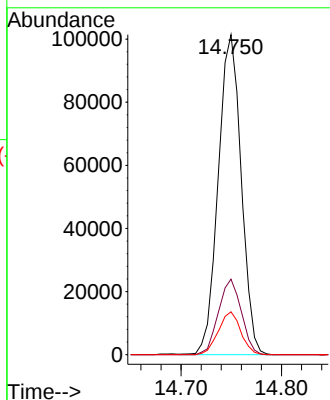
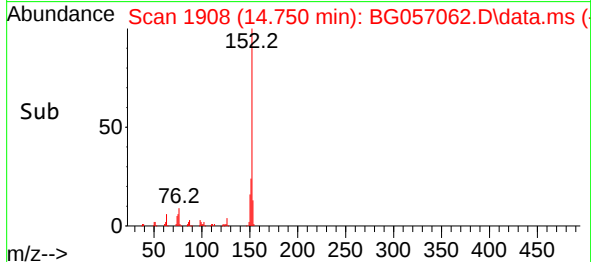
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



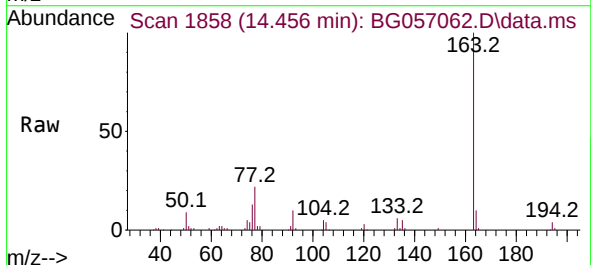
Tgt Ion:152 Resp: 160870  
Ion Ratio Lower Upper  
152 100  
151 23.6 18.2 27.2  
153 13.4 10.5 15.7

Manual Integrations  
APPROVED

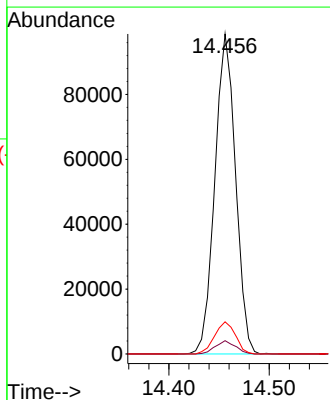
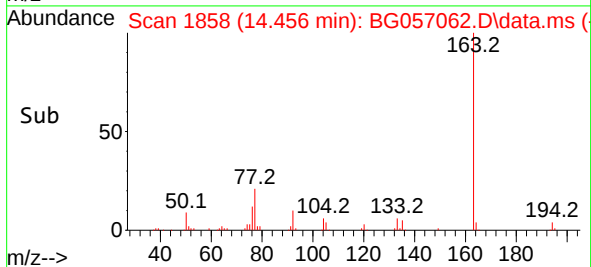
Reviewed By :Christian Giraldo 04/13/2023  
Supervised By :Jagrut Upadhyay 04/13/2023



#50  
Dimethylphthalate  
Concen: 39.863 ng  
RT: 14.456 min Scan# 1858  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27



Tgt Ion:163 Resp: 141308  
Ion Ratio Lower Upper  
163 100  
194 4.1 2.8 4.2  
164 10.1 8.8 13.2





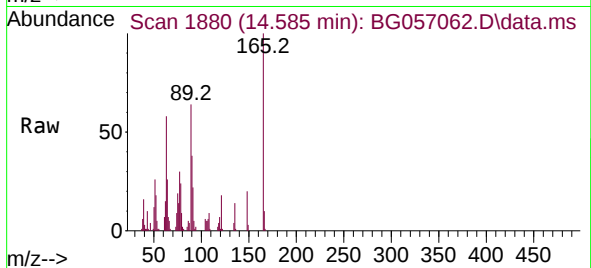
#51  
2,6-Dinitrotoluene  
Concen: 40.597 ng  
RT: 14.585 min Scan# 1881  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

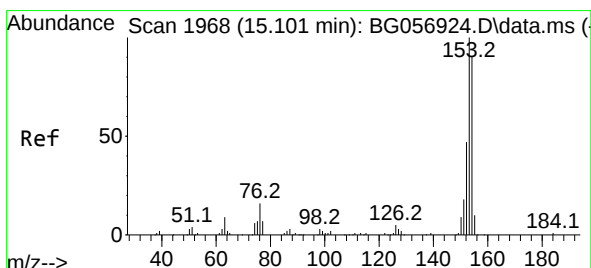
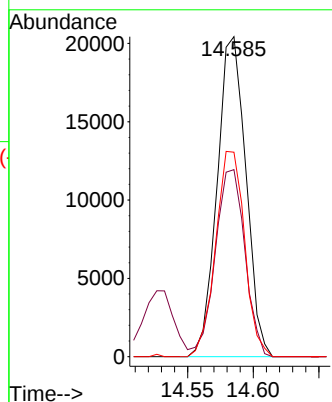
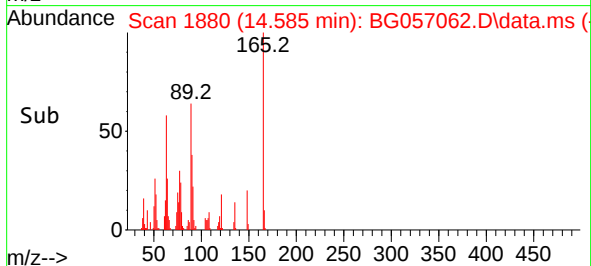


Tgt Ion:165 Resp: 3109  
Ion Ratio Lower Upper  
165 100  
63 58.5 53.0 79.6  
89 63.9 51.0 76.4

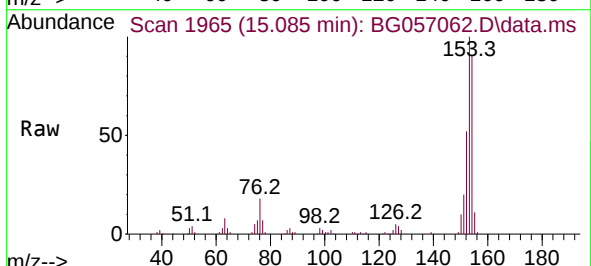
Manual Integrations

APPROVED

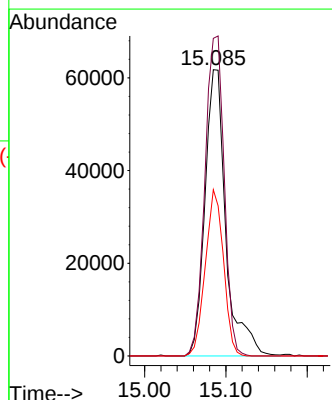
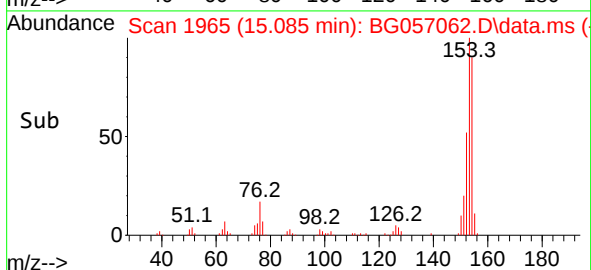
Reviewed By :Christian Giraldo 04/13/2023  
Supervised By :Jagrut Upadhyay 04/13/2023



#52  
Acenaphthene  
Concen: 40.096 ng  
RT: 15.085 min Scan# 1965  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27



Tgt Ion:154 Resp: 110668  
Ion Ratio Lower Upper  
154 100  
153 111.0 88.9 133.3  
152 58.1 41.8 62.8





#53  
3-Nitroaniline  
Concen: 41.896 ng  
RT: 14.914 min Scan# 1936  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

Instrument :

BNA\_G

ClientSampleId :

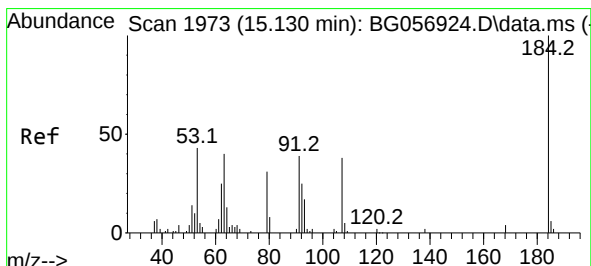
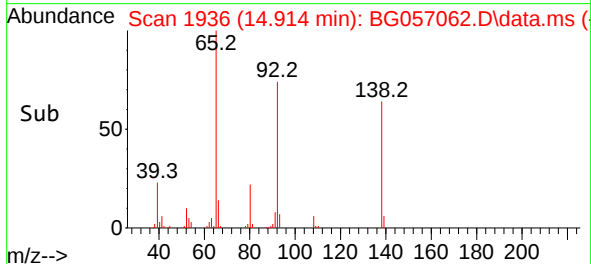
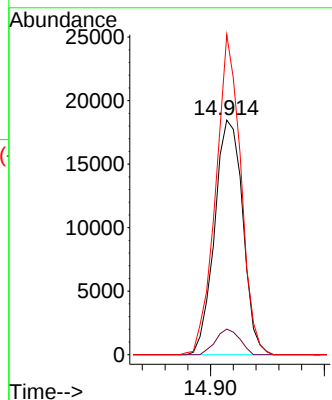
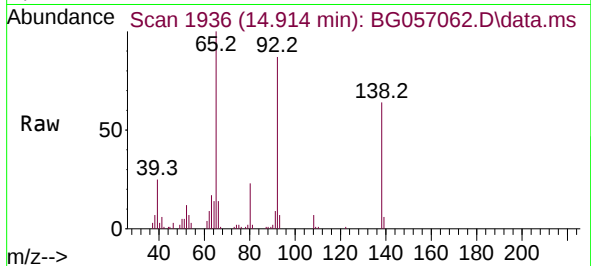
SSTDCCC040

Tgt Ion:138 Resp: 3176  
Ion Ratio Lower Upper  
138 100  
108 10.9 8.2 12.2  
92 136.4 105.2 157.8

Manual Integrations

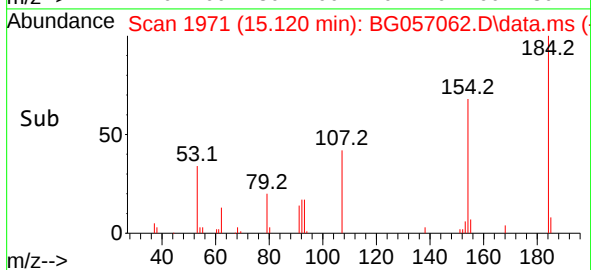
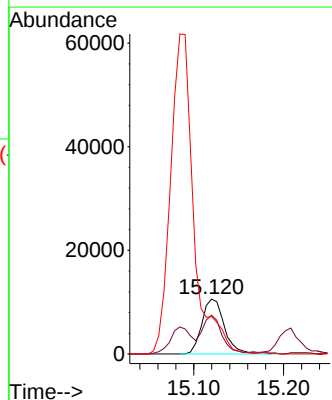
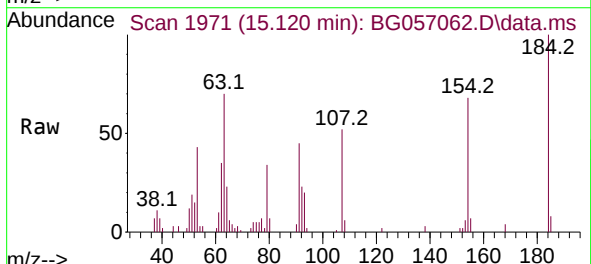
APPROVED

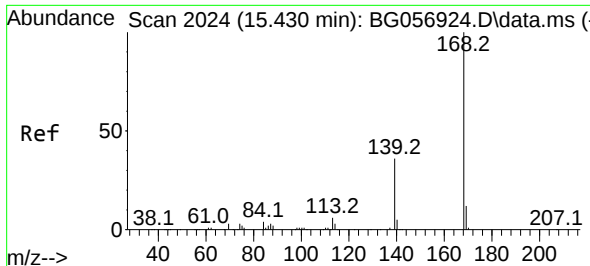
Reviewed By :Christian Giraldo 04/13/2023  
Supervised By :Jagrut Upadhyay 04/13/2023



#54  
2,4-Dinitrophenol  
Concen: 43.030 ng  
RT: 15.120 min Scan# 1971  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

Tgt Ion:184 Resp: 18550  
Ion Ratio Lower Upper  
184 100  
63 70.4 46.5 69.7#  
154 68.1 53.5 80.3





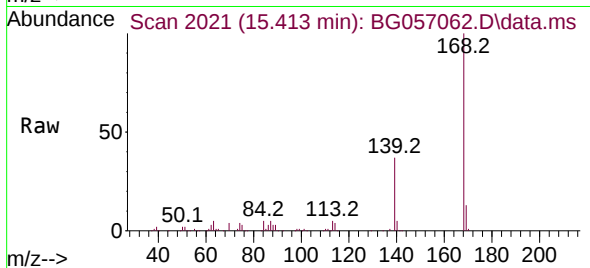
#55  
Dibenzenofuran  
Concen: 40.292 ng  
RT: 15.413 min Scan# 2024  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

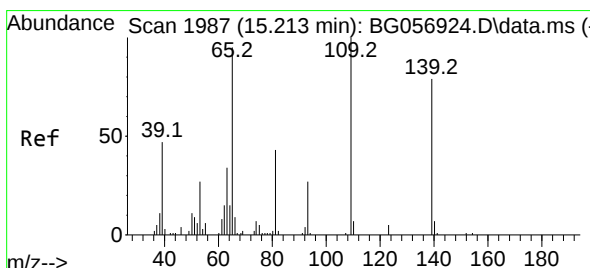
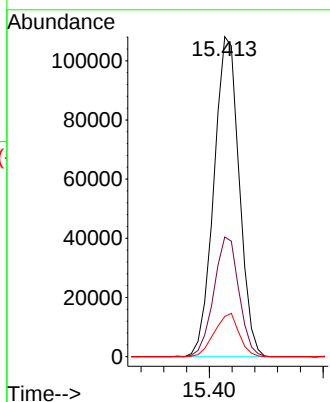
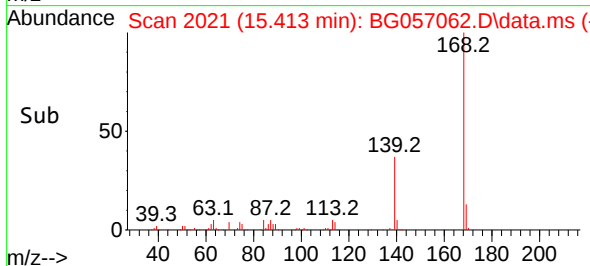


Tgt Ion:168 Resp: 166909  
Ion Ratio Lower Upper  
168 100  
139 37.4 28.9 43.3  
169 12.6 9.8 14.6

Manual Integrations

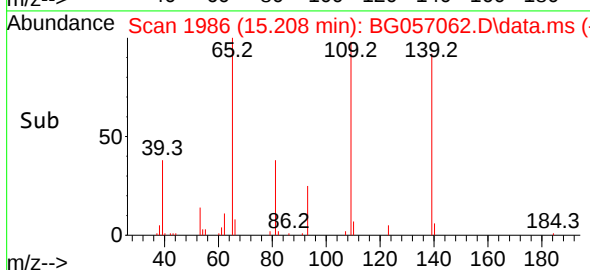
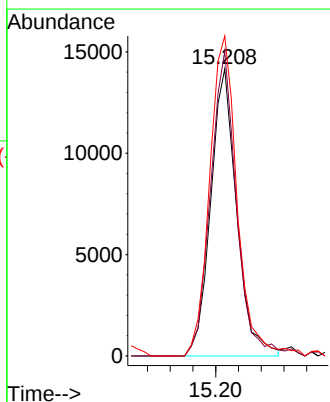
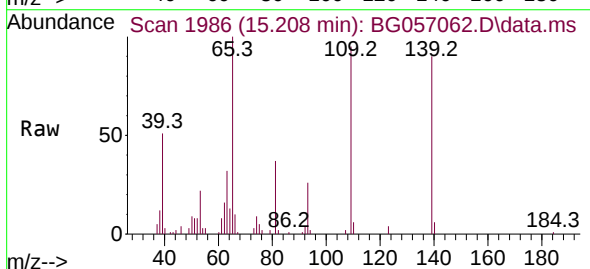
APPROVED

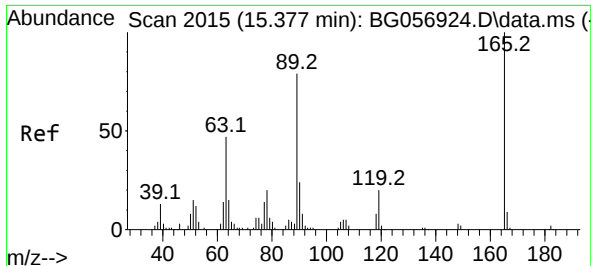
Reviewed By :Christian Giraldo 04/13/2023  
Supervised By :Jagrut Upadhyay 04/13/2023



#56  
4-Nitrophenol  
Concen: 40.124 ng  
RT: 15.208 min Scan# 1986  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

Tgt Ion:139 Resp: 22493  
Ion Ratio Lower Upper  
139 100  
109 106.2 106.7 146.7#  
65 111.5 100.5 140.5





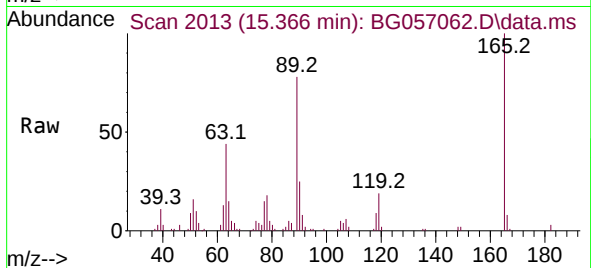
#57  
2,4-Dinitrotoluene  
Concen: 41.374 ng  
RT: 15.366 min Scan# 2013  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

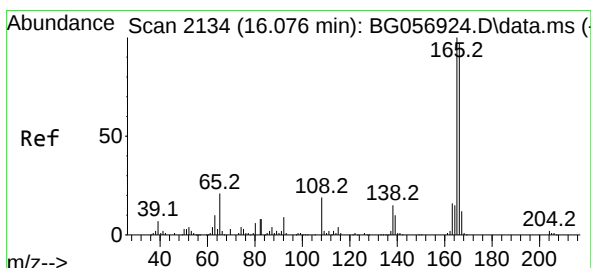
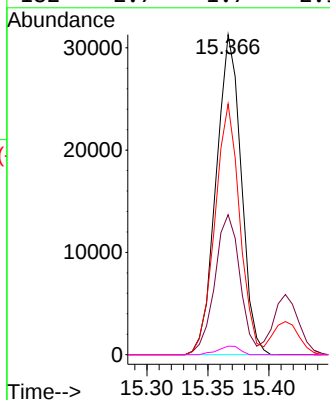
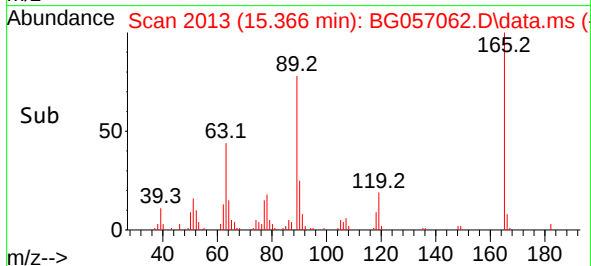


Tgt Ion:165 Resp: 4469  
Ion Ratio Lower Upper  
165 100  
63 43.8 37.7 56.5  
89 78.4 63.2 94.8  
182 2.7 1.7 2.5#

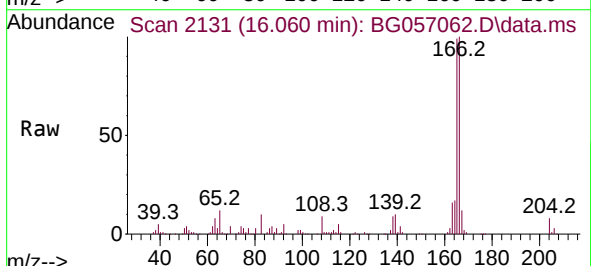
Manual Integrations

APPROVED

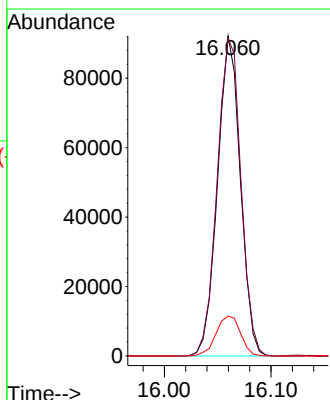
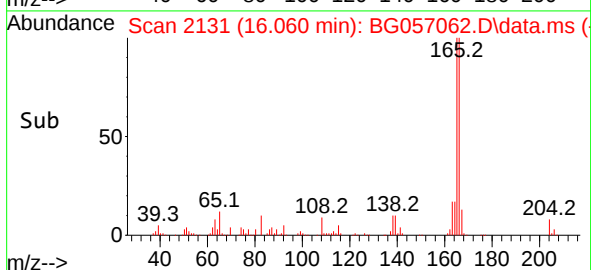
Reviewed By :Christian Giraldo 04/13/2023  
Supervised By :Jagrut Upadhyay 04/13/2023

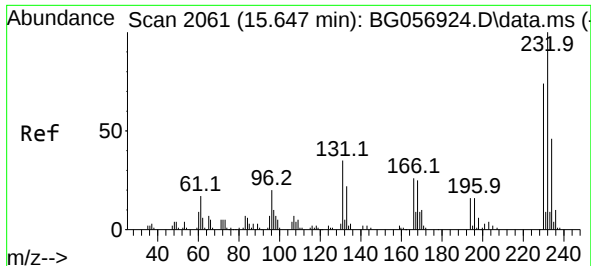


#58  
Fluorene  
Concen: 39.862 ng  
RT: 16.060 min Scan# 2131  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27



Tgt Ion:166 Resp: 136642  
Ion Ratio Lower Upper  
166 100  
165 99.4 82.6 123.8  
167 12.5 10.2 15.2





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 39.409 ng  
RT: 15.637 min Scan# 2061  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

Instrument :

BNA\_G

ClientSampleId :

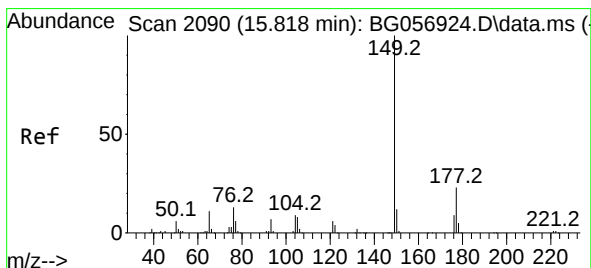
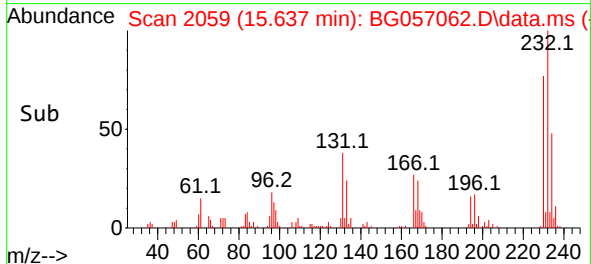
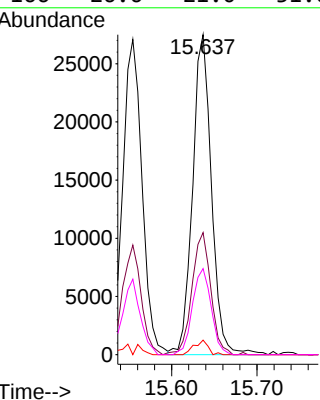
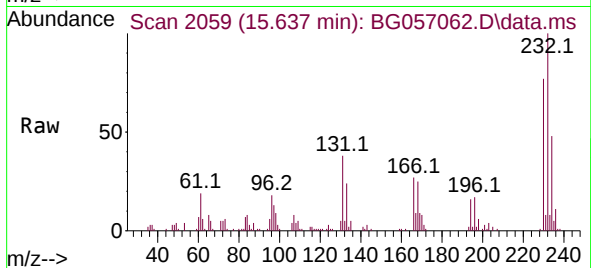
SSTDCCC040

Tgt Ion:232 Resp: 42319  
Ion Ratio Lower Upper  
232 100  
131 38.0 29.3 43.9  
130 3.4 1.7 2.5  
166 26.6 21.0 31.6

Manual Integrations

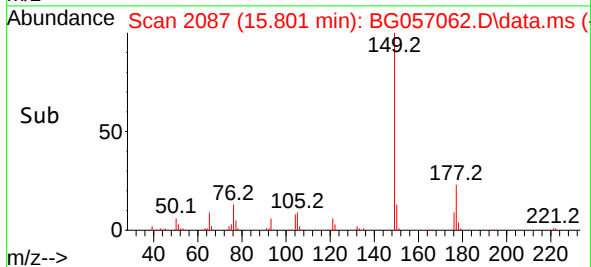
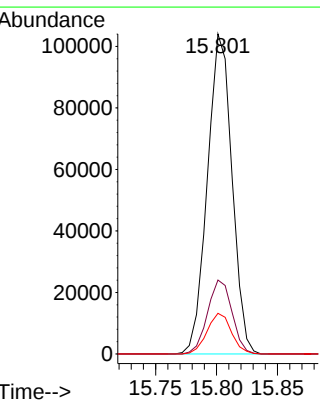
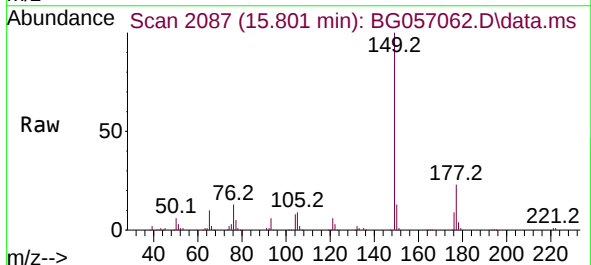
APPROVED

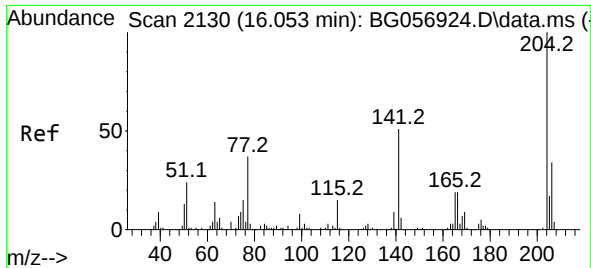
Reviewed By :Christian Giraldo 04/13/2023  
Supervised By :Jagrut Upadhyay 04/13/2023



#60  
Diethylphthalate  
Concen: 41.115 ng  
RT: 15.801 min Scan# 2087  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

Tgt Ion:149 Resp: 146110  
Ion Ratio Lower Upper  
149 100  
177 23.1 18.8 28.2  
150 12.7 9.4 14.2





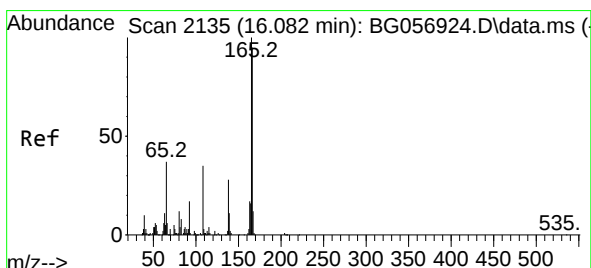
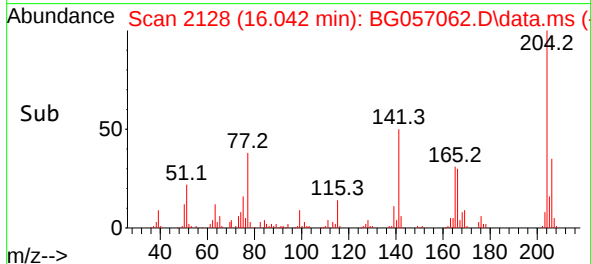
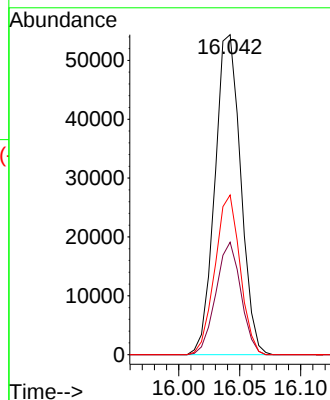
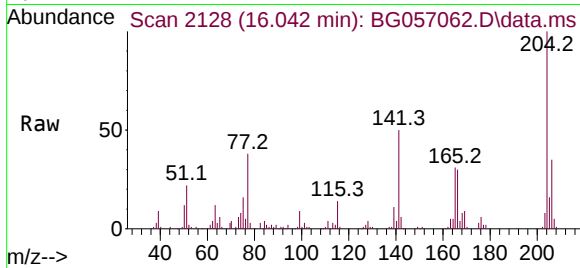
#61  
4-Chlorophenyl-phenylether  
Concen: 39.718 ng  
RT: 16.042 min Scan# 2130  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:204 Resp: 7993  
Ion Ratio Lower Upper  
204 100  
206 35.1 27.2 40.8  
141 49.9 40.7 61.1

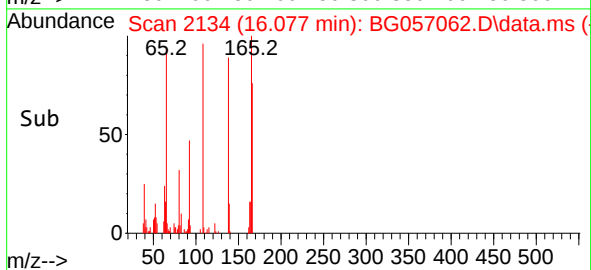
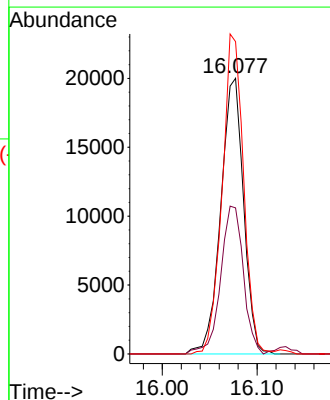
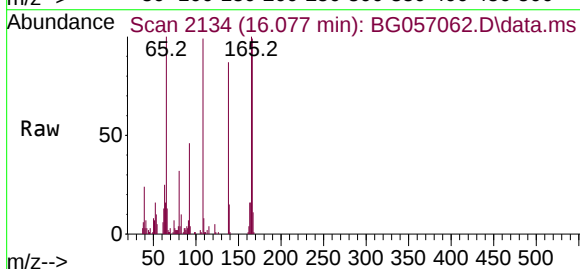
Manual Integrations  
APPROVED

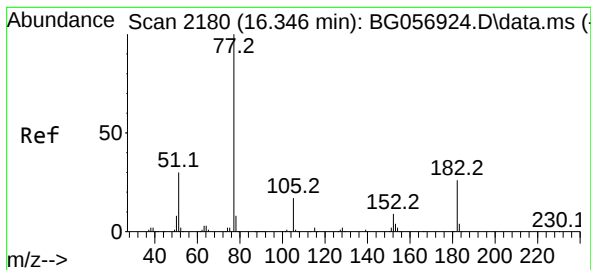
Reviewed By :Christian Giraldo 04/13/2023  
Supervised By :Jagrut Upadhyay 04/13/2023



#62  
4-Nitroaniline  
Concen: 42.678 ng  
RT: 16.077 min Scan# 2134  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

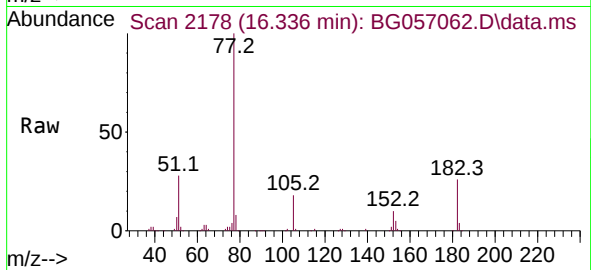
Tgt Ion:138 Resp: 33521  
Ion Ratio Lower Upper  
138 100  
92 53.0 40.9 80.9  
108 113.3 104.3 144.3





#63  
Azobenzene  
Concen: 40.281 ng  
RT: 16.336 min Scan# 2180  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

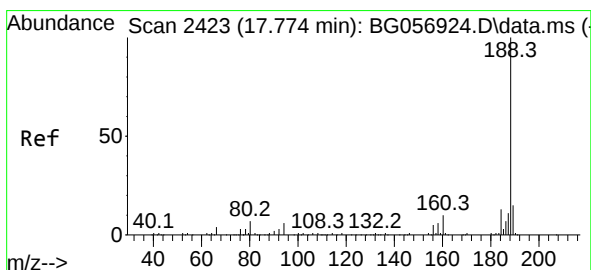
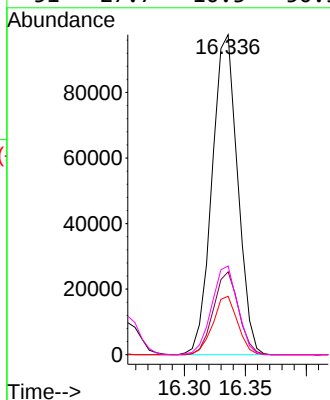
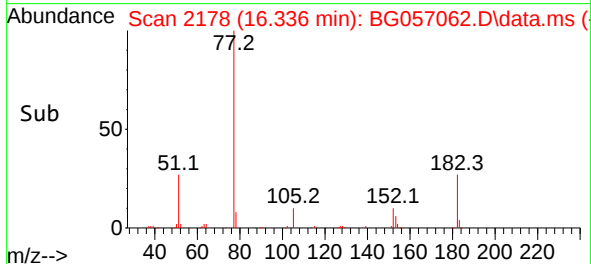
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



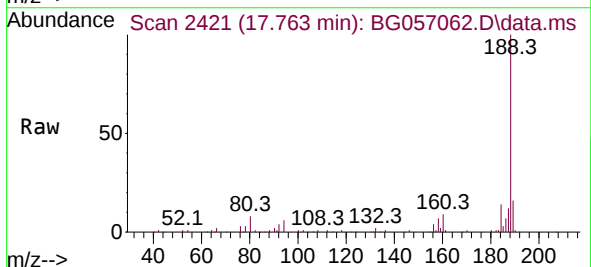
Tgt Ion: 77 Resp: 142650  
Ion Ratio Lower Upper  
77 100  
182 25.9 5.9 45.9  
105 18.3 0.0 36.8  
51 27.7 10.3 50.3

Manual Integrations  
APPROVED

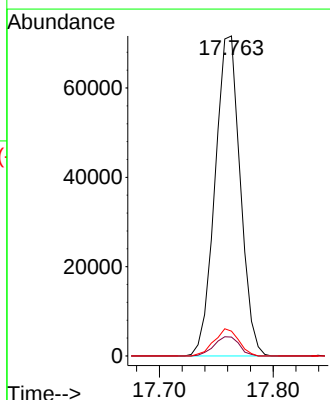
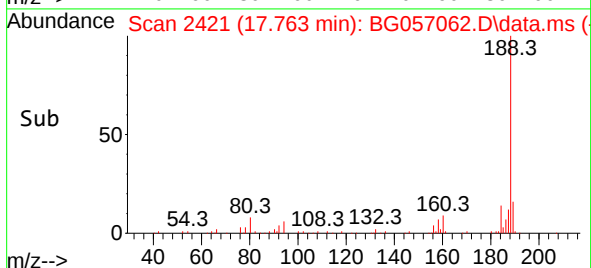
Reviewed By :Christian Giraldo 04/13/2023  
Supervised By :Jagrut Upadhyay 04/13/2023

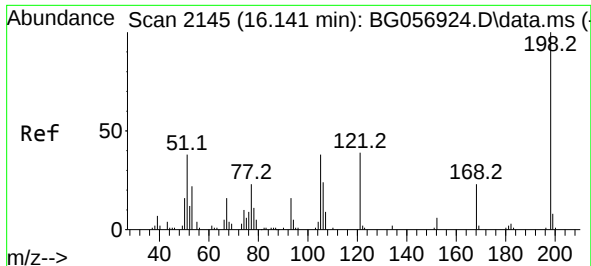


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.763 min Scan# 2421  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27



Tgt Ion:188 Resp: 110103  
Ion Ratio Lower Upper  
188 100  
94 5.9 4.6 6.8  
80 7.7 5.5 8.3





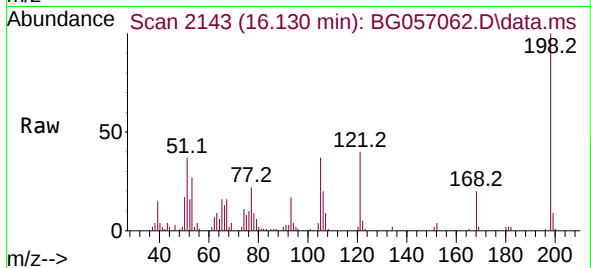
#65  
4,6-Dinitro-2-methylphenol  
Concen: 43.683 ng  
RT: 16.130 min Scan# 2145  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

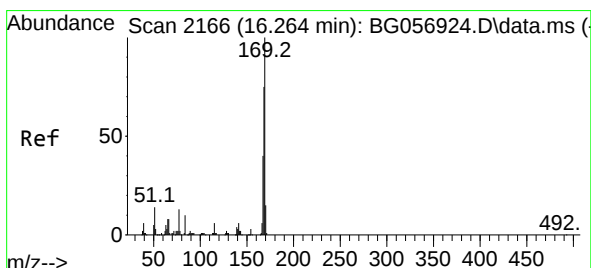
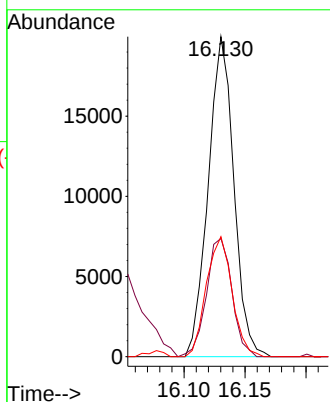
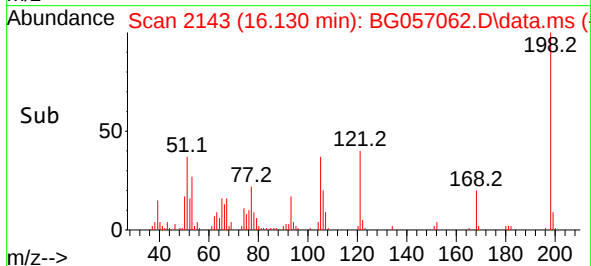


Tgt Ion:198 Resp: 29129  
Ion Ratio Lower Upper  
198 100  
51 36.9 20.5 60.5  
105 37.5 18.1 58.1

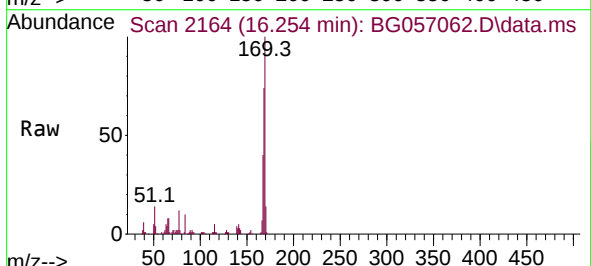
Manual Integrations

APPROVED

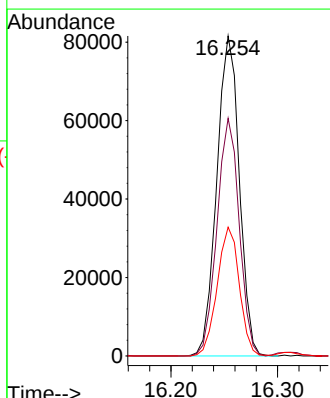
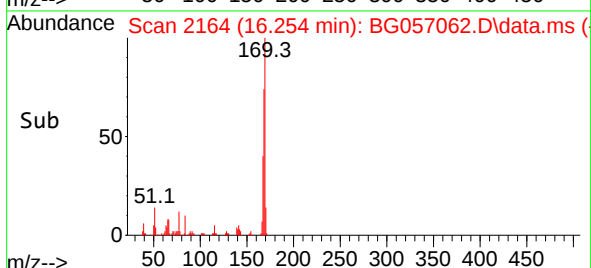
Reviewed By :Christian Giraldo 04/13/2023  
Supervised By :Jagrut Upadhyay 04/13/2023

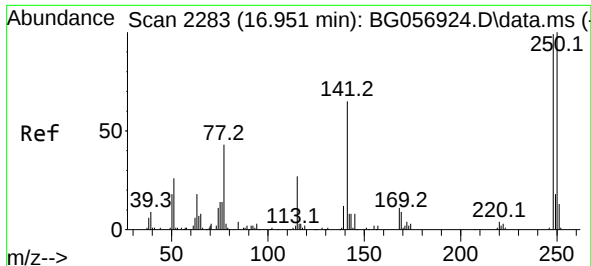


#66  
n-Nitrosodiphenylamine  
Concen: 40.470 ng  
RT: 16.254 min Scan# 2164  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27



Tgt Ion:169 Resp: 119615  
Ion Ratio Lower Upper  
169 100  
168 74.2 59.6 89.4  
167 40.3 31.8 47.8





#67  
4-Bromophenyl-phenylether  
Concen: 39.753 ng  
RT: 16.935 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

Instrument :

BNA\_G

ClientSampleId :

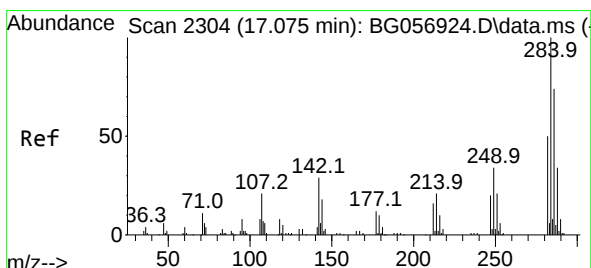
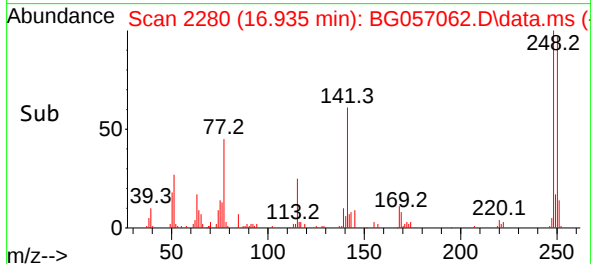
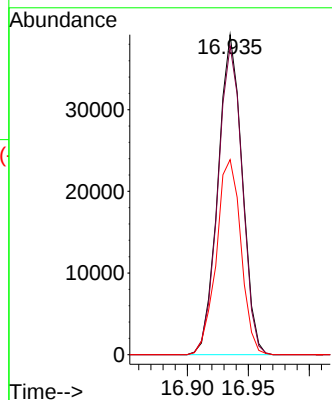
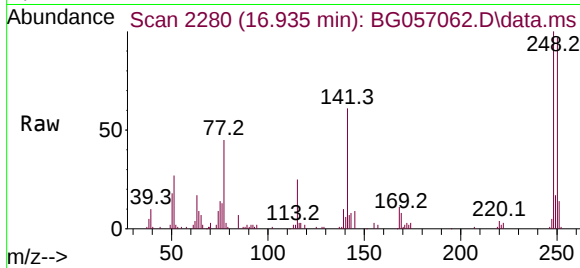
SSTDCCC040

Tgt Ion:248 Resp: 54150  
Ion Ratio Lower Upper  
248 100  
250 96.5 80.5 120.7  
141 61.0 52.0 78.0

Manual Integrations

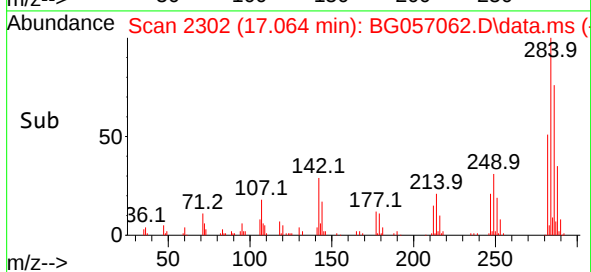
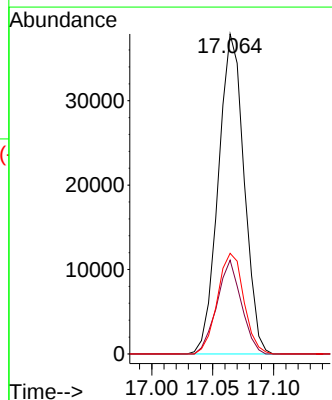
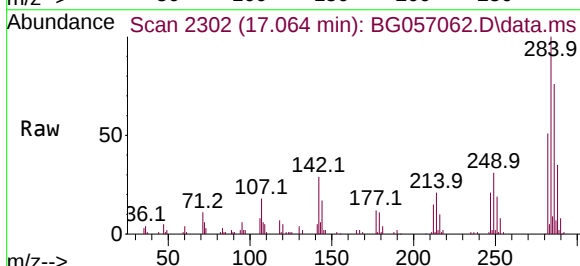
APPROVED

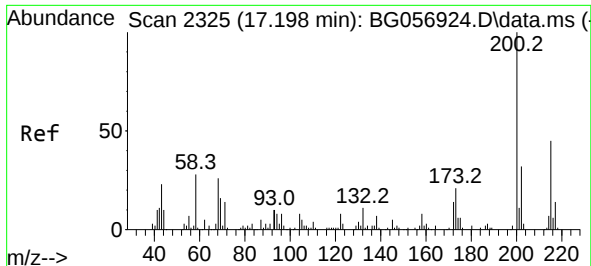
Reviewed By :Christian Giraldo 04/13/2023  
Supervised By :Jagrut Upadhyay 04/13/2023



#68  
Hexachlorobenzene  
Concen: 41.357 ng  
RT: 17.064 min Scan# 2302  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

Tgt Ion:284 Resp: 55703  
Ion Ratio Lower Upper  
284 100  
142 29.3 23.0 34.4  
249 31.4 27.1 40.7





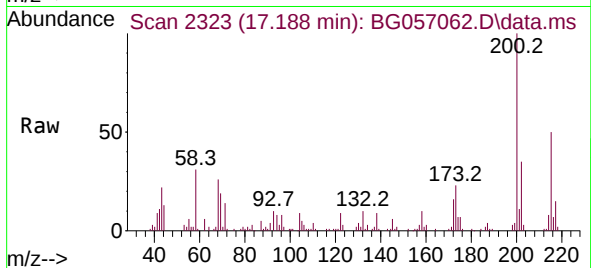
#69  
 Atrazine  
 Concen: 39.390 ng  
 RT: 17.188 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BG057062.D  
 Acq: 12 Apr 2023 13:27

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

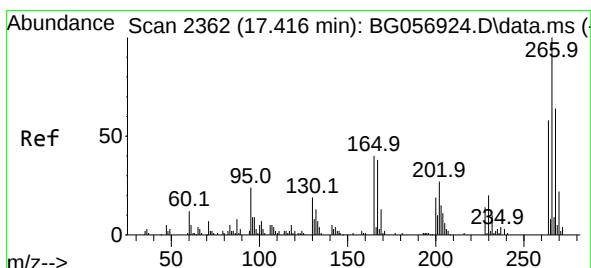
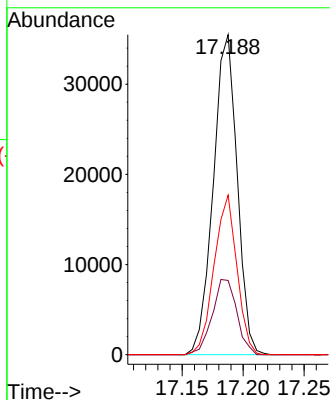
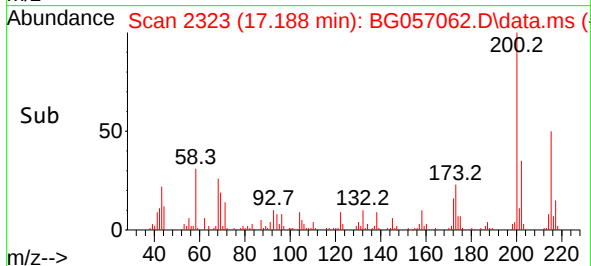


Tgt Ion:200 Resp: 4832  
 Ion Ratio Lower Upper  
 200 100  
 173 23.2 1.0 41.0  
 215 49.8 25.0 65.0

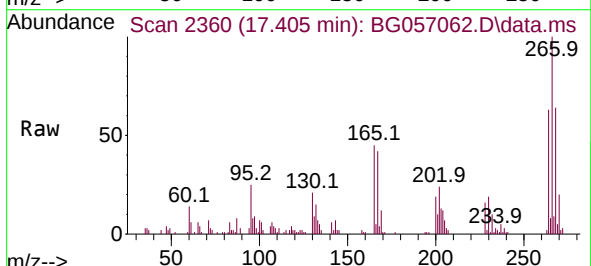
Manual Integrations

APPROVED

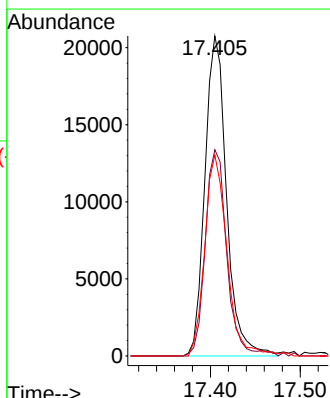
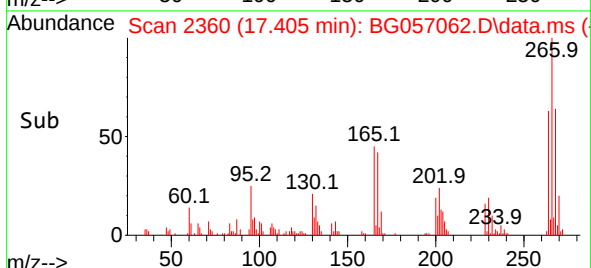
Reviewed By :Christian Giraldo 04/13/2023  
 Supervised By :Jagrut Upadhyay 04/13/2023

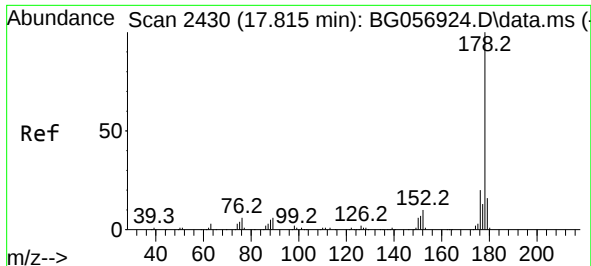


#70  
 Pentachlorophenol  
 Concen: 35.958 ng  
 RT: 17.405 min Scan# 2360  
 Delta R.T. 0.000 min  
 Lab File: BG057062.D  
 Acq: 12 Apr 2023 13:27



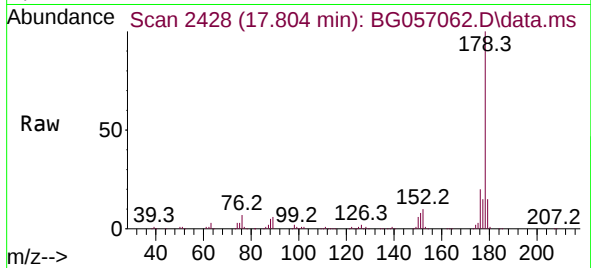
Tgt Ion:266 Resp: 34745  
 Ion Ratio Lower Upper  
 266 100  
 268 64.4 51.0 76.6  
 264 62.8 46.8 70.2





#71  
Phenanthrene  
Concen: 40.532 ng  
RT: 17.804 min Scan# 2430  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

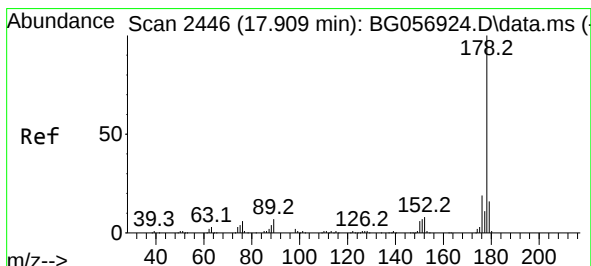
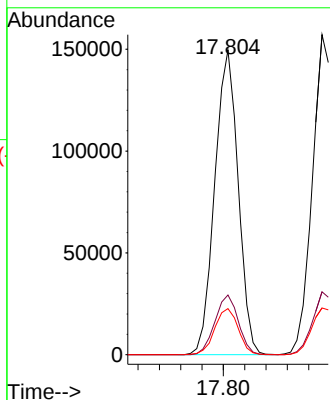
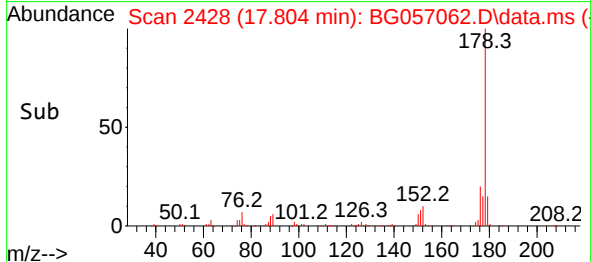
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



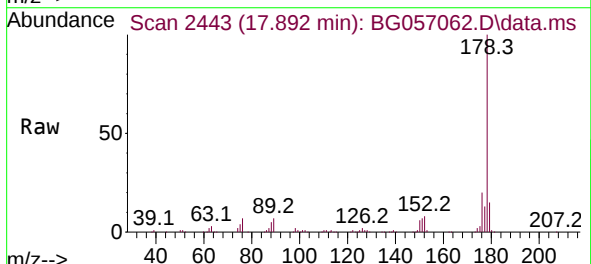
Tgt Ion:178 Resp: 227530  
Ion Ratio Lower Upper  
178 100  
176 19.6 16.2 24.2  
179 15.1 12.5 18.7

Manual Integrations  
APPROVED

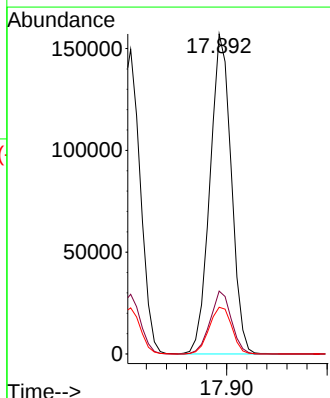
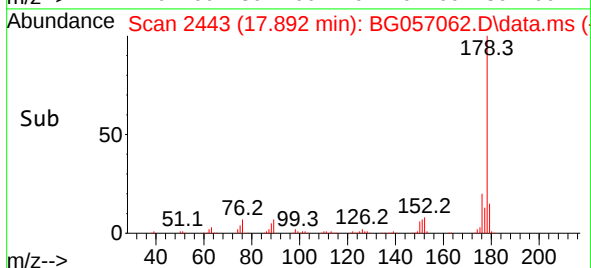
Reviewed By :Christian Giraldo 04/13/2023  
Supervised By :Jagrut Upadhyay 04/13/2023

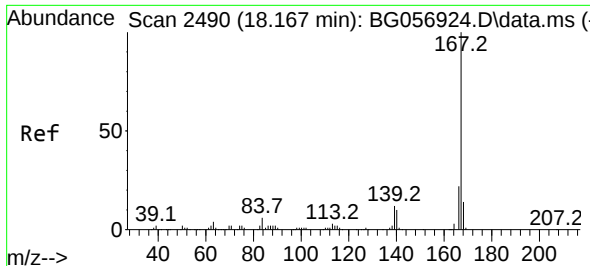


#72  
Anthracene  
Concen: 40.165 ng  
RT: 17.892 min Scan# 2443  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27



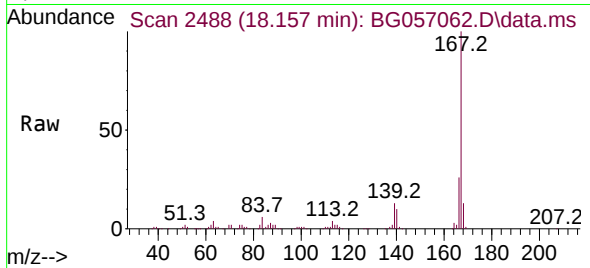
Tgt Ion:178 Resp: 231136  
Ion Ratio Lower Upper  
178 100  
176 19.7 15.4 23.2  
179 14.6 12.4 18.6





#73  
 Carbazole  
 Concen: 40.086 ng  
 RT: 18.157 min Scan# 2490  
 Delta R.T. 0.000 min  
 Lab File: BG057062.D  
 Acq: 12 Apr 2023 13:27

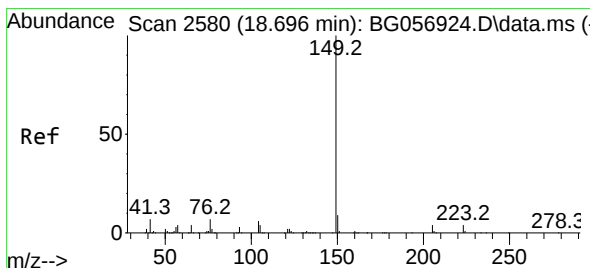
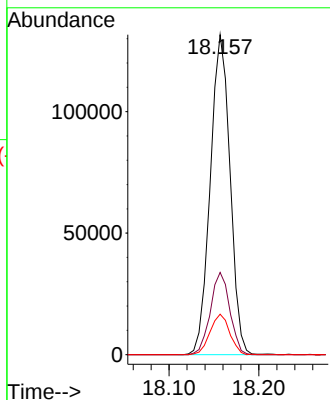
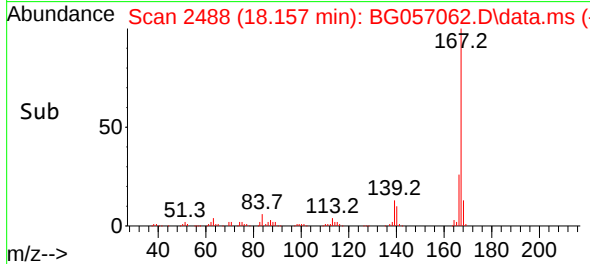
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040



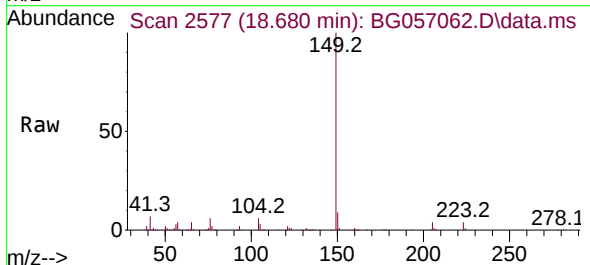
Tgt Ion:167 Resp: 20112  
 Ion Ratio Lower Upper  
 167 100  
 166 25.7 17.9 26.9  
 139 12.7 9.5 14.3

Manual Integrations  
 APPROVED

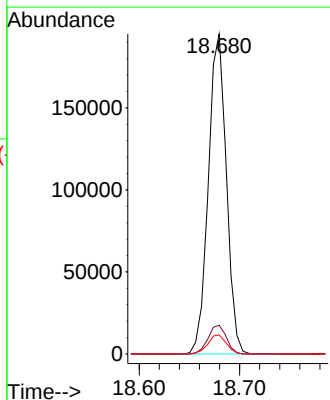
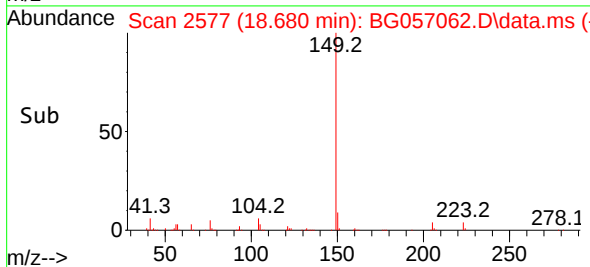
Reviewed By :Christian Giraldo 04/13/2023  
 Supervised By :Jagrut Upadhyay 04/13/2023

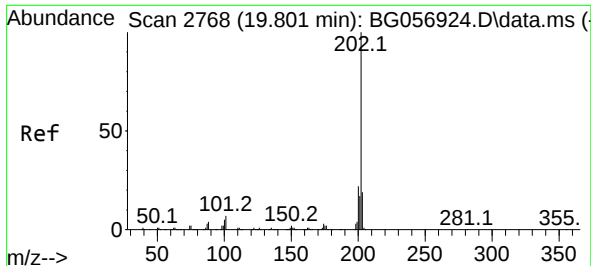


#74  
 Di-n-butylphthalate  
 Concen: 41.997 ng  
 RT: 18.680 min Scan# 2577  
 Delta R.T. 0.000 min  
 Lab File: BG057062.D  
 Acq: 12 Apr 2023 13:27



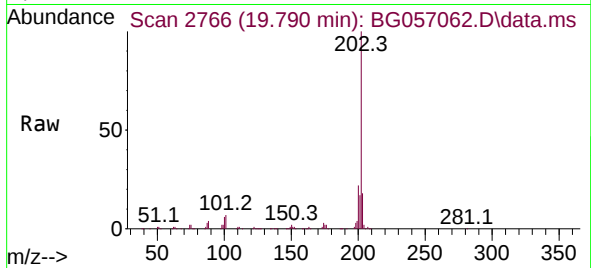
Tgt Ion:149 Resp: 243998  
 Ion Ratio Lower Upper  
 149 100  
 150 9.0 7.4 11.0  
 104 6.0 4.9 7.3





#75  
Fluoranthene  
Concen: 39.165 ng  
RT: 19.790 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

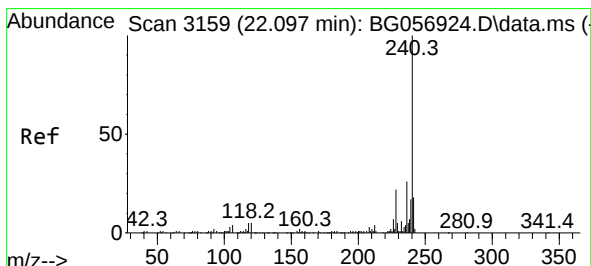
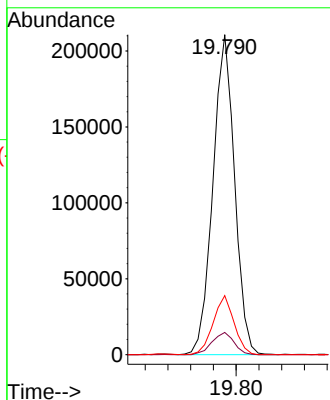
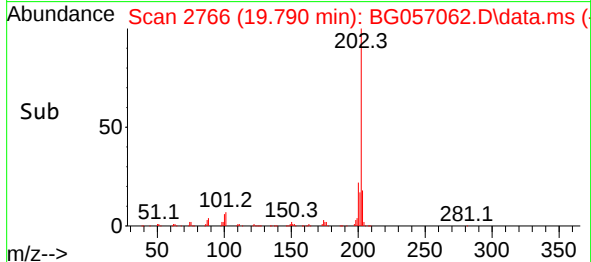
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:202 Resp: 278699  
Ion Ratio Lower Upper  
202 100  
101 7.0 0.0 26.7  
203 18.5 0.0 39.0

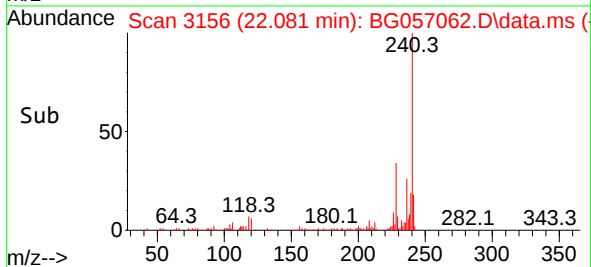
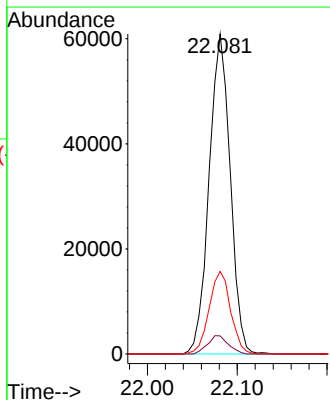
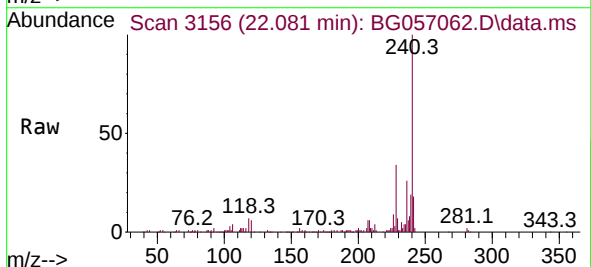
Manual Integrations  
APPROVED

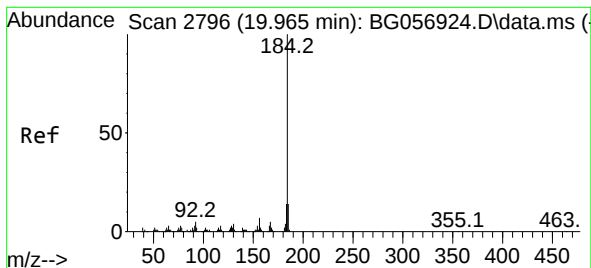
Reviewed By :Christian Giraldo 04/13/2023  
Supervised By :Jagrut Upadhyay 04/13/2023



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 22.081 min Scan# 3156  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

Tgt Ion:240 Resp: 99382  
Ion Ratio Lower Upper  
240 100  
120 5.6 3.8 5.6  
236 25.8 21.0 31.6





#77

Benzidine

Concen: 38.783 ng

RT: 19.954 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG057062.D

Acq: 12 Apr 2023 13:27

Instrument :

BNA\_G

ClientSampleId :

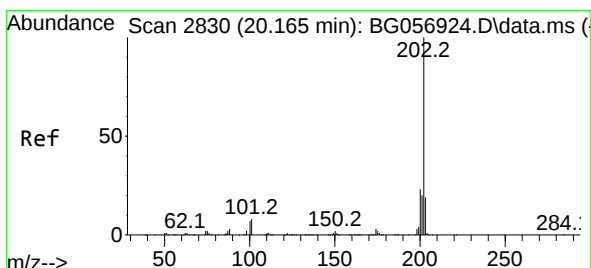
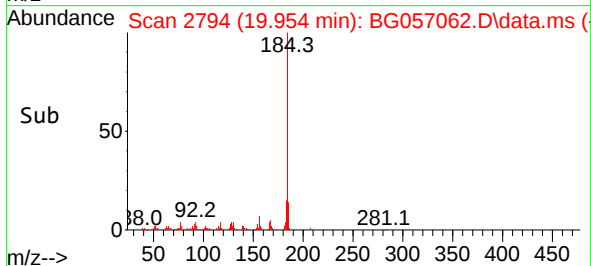
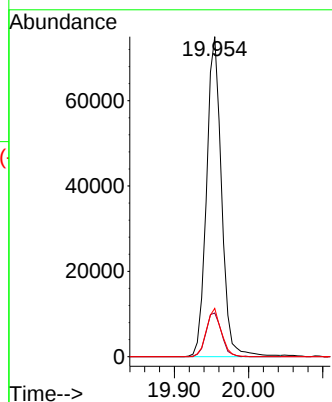
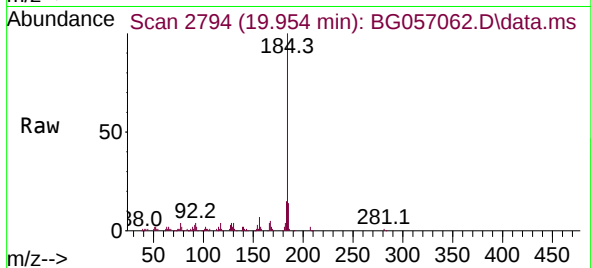
SSTDCCC040

|             |              |
|-------------|--------------|
| Tgt Ion:184 | Resp: 105352 |
| Ion Ratio   | Lower Upper  |
| 184 100     |              |
| 185 13.7    | 11.0 16.4    |
| 183 15.1    | 11.4 17.0    |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/13/2023  
Supervised By :Jagrut Upadhyay 04/13/2023



#78

Pyrene

Concen: 40.730 ng

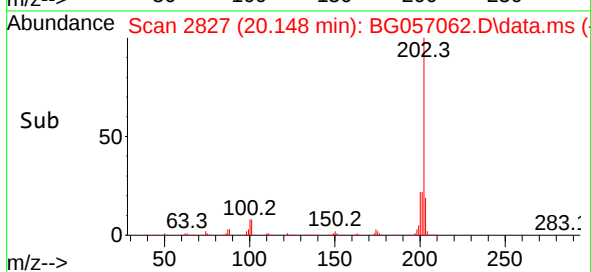
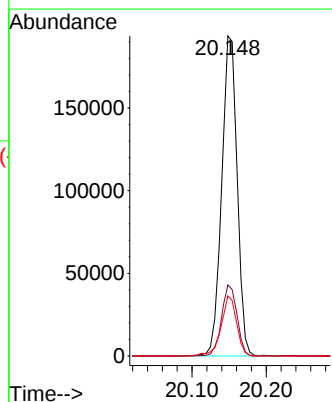
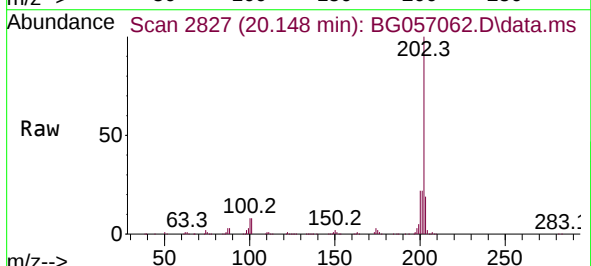
RT: 20.148 min Scan# 2827

Delta R.T. 0.000 min

Lab File: BG057062.D

Acq: 12 Apr 2023 13:27

|             |              |
|-------------|--------------|
| Tgt Ion:202 | Resp: 279971 |
| Ion Ratio   | Lower Upper  |
| 202 100     |              |
| 200 22.2    | 18.7 28.1    |
| 203 18.8    | 15.4 23.2    |





#79  
 Terphenyl-d14  
 Concen: 84.315 ng  
 RT: 20.324 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BG057062.D  
 Acq: 12 Apr 2023 13:27

Instrument :

BNA\_G

ClientSampleId :

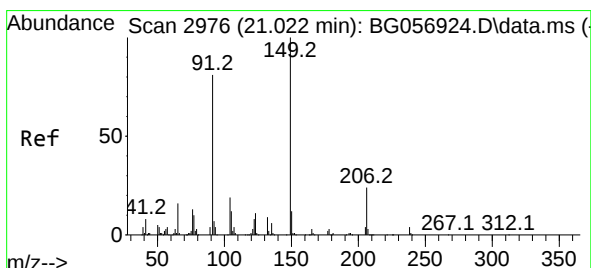
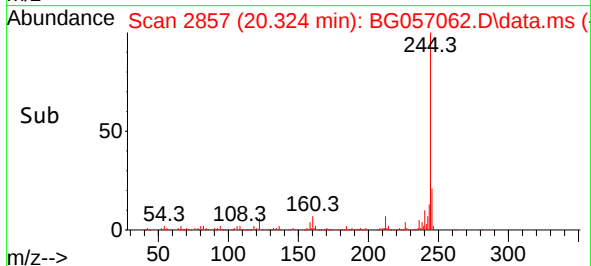
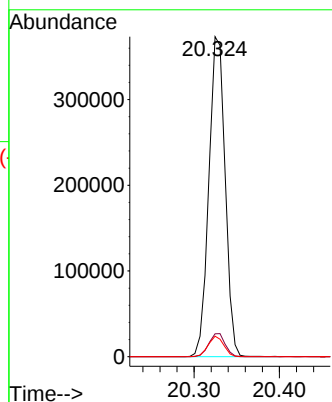
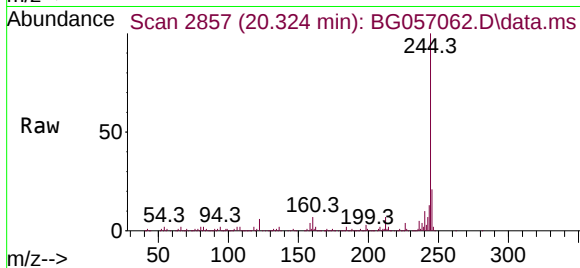
SSTDCCC040

Tgt Ion:244 Resp: 495189  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 6.1 9.1  
 122 6.4 5.0 7.4

Manual Integrations

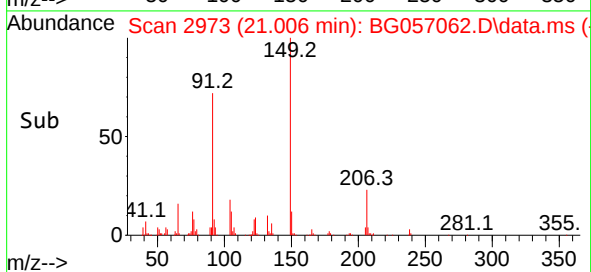
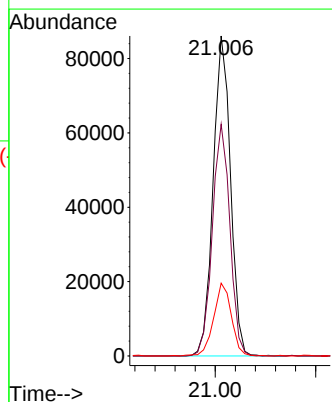
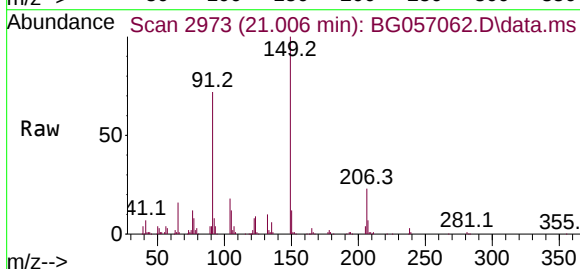
APPROVED

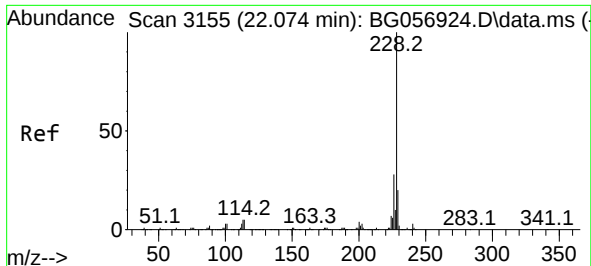
Reviewed By :Christian Giraldo 04/13/2023  
 Supervised By :Jagrut Upadhyay 04/13/2023



#80  
 Butylbenzylphthalate  
 Concen: 43.650 ng  
 RT: 21.006 min Scan# 2973  
 Delta R.T. 0.000 min  
 Lab File: BG057062.D  
 Acq: 12 Apr 2023 13:27

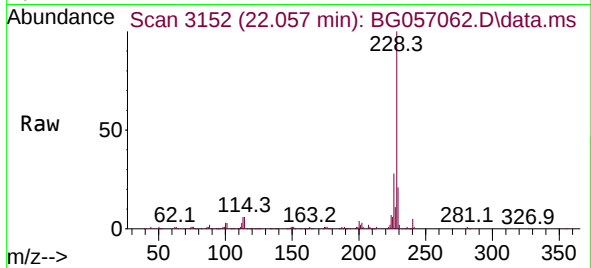
Tgt Ion:149 Resp: 103250  
 Ion Ratio Lower Upper  
 149 100  
 91 72.4 64.4 96.6  
 206 22.7 18.9 28.3





#81  
Benzo(a)anthracene  
Concen: 40.326 ng  
RT: 22.057 min Scan# 3155  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

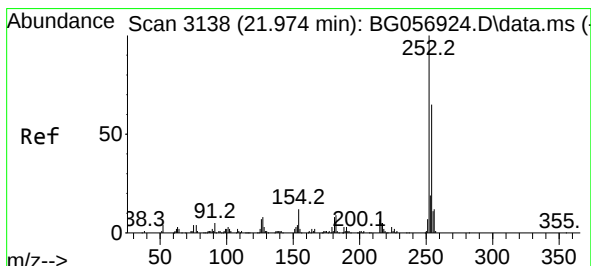
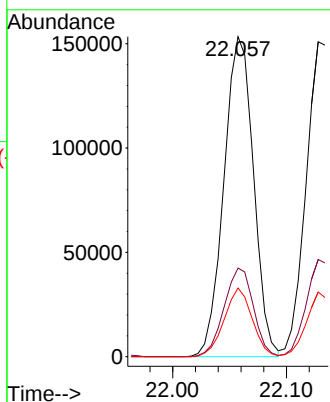
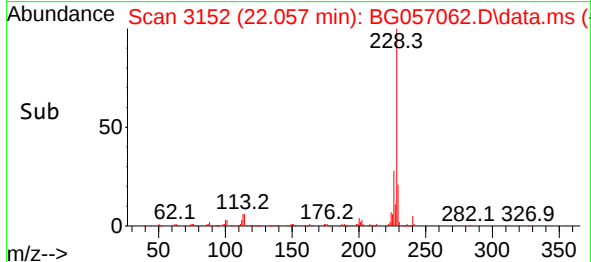
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:228 Resp: 277328  
Ion Ratio Lower Upper  
228 100  
226 27.7 22.1 33.1  
229 21.5 16.1 24.1

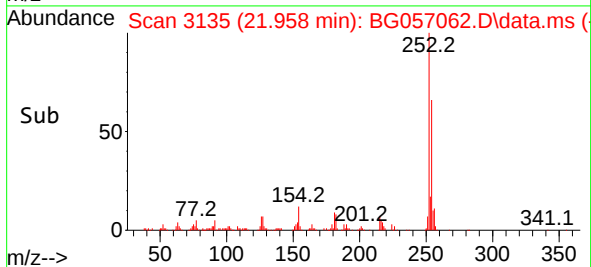
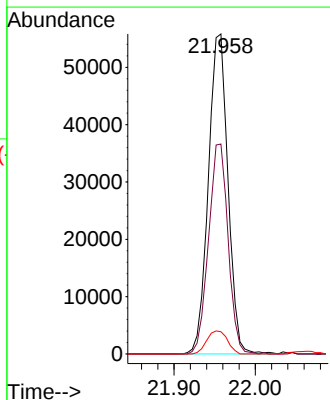
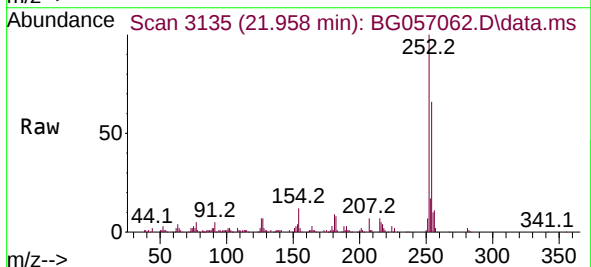
Manual Integrations  
APPROVED

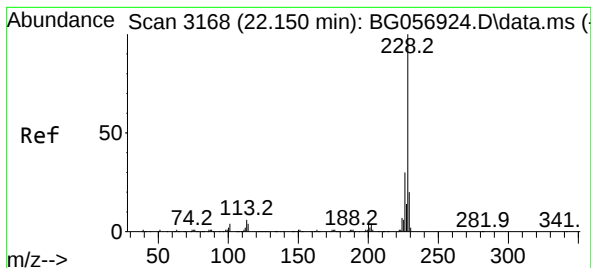
Reviewed By :Christian Giraldo 04/13/2023  
Supervised By :Jagrut Upadhyay 04/13/2023



#82  
3,3'-Dichlorobenzidine  
Concen: 40.217 ng  
RT: 21.958 min Scan# 3135  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

Tgt Ion:252 Resp: 93396  
Ion Ratio Lower Upper  
252 100  
254 65.6 51.7 77.5  
126 7.0 5.6 8.4





#83

Chrysene

Concen: 41.057 ng

RT: 22.128 min Scan# 3164

Delta R.T. 0.000 min

Lab File: BG057062.D

Acq: 12 Apr 2023 13:27

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 264378

Ion Ratio Lower Upper

228 100

226 30.8 24.1 36.1

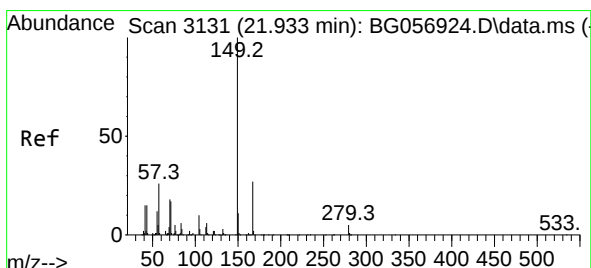
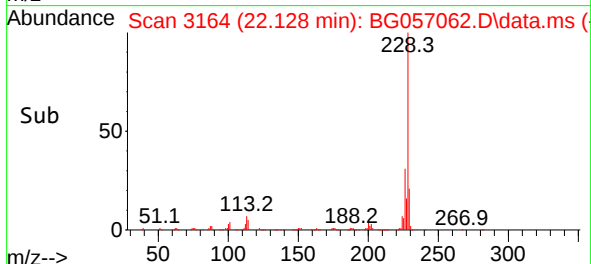
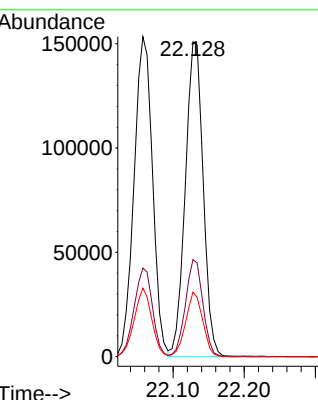
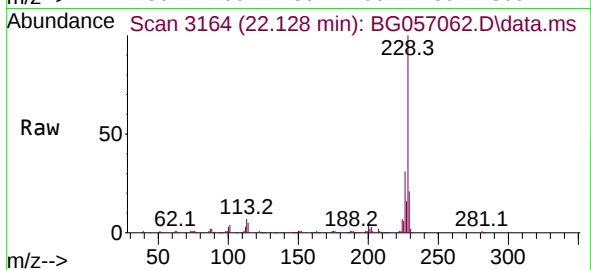
229 20.5 15.6 23.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/13/2023

Supervised By :Jagrut Upadhyay 04/13/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.348 ng

RT: 21.911 min Scan# 3127

Delta R.T. 0.000 min

Lab File: BG057062.D

Acq: 12 Apr 2023 13:27

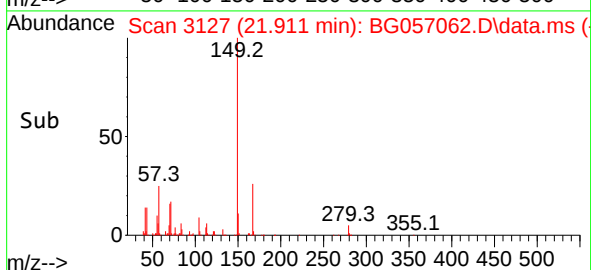
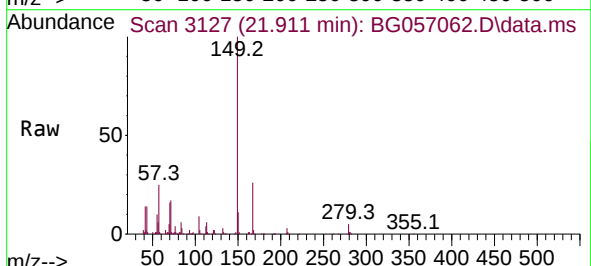
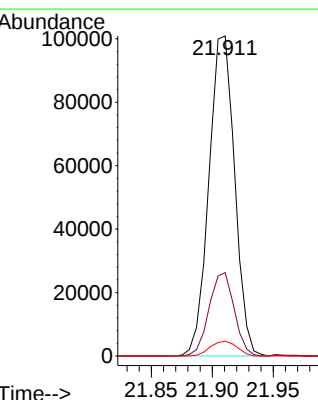
Tgt Ion:149 Resp: 148473

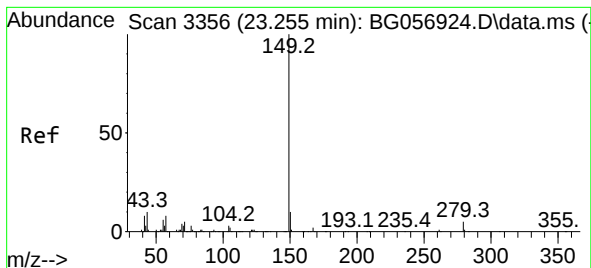
Ion Ratio Lower Upper

149 100

167 26.1 21.4 32.2

279 4.6 3.9 5.9





#85

Di-n-octyl phthalate

Concen: 42.711 ng

RT: 23.221 min Scan# 31

Delta R.T. 0.000 min

Lab File: BG057062.D

Acq: 12 Apr 2023 13:27

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 246530

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

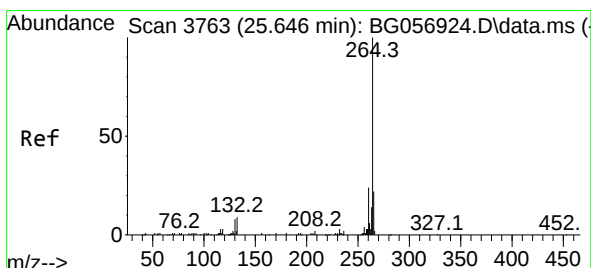
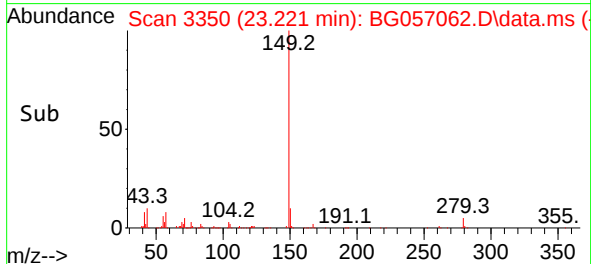
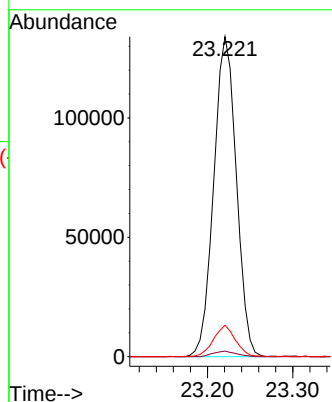
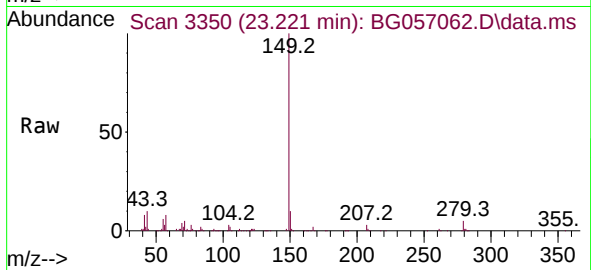
43 9.6 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/13/2023

Supervised By :Jagrut Upadhyay 04/13/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.611 min Scan# 3757

Delta R.T. 0.000 min

Lab File: BG057062.D

Acq: 12 Apr 2023 13:27

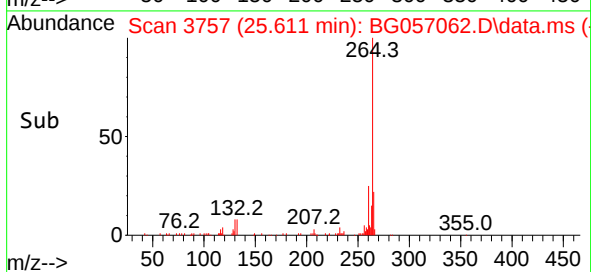
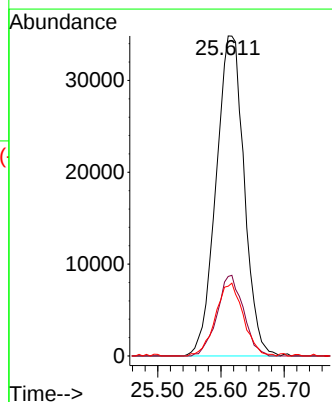
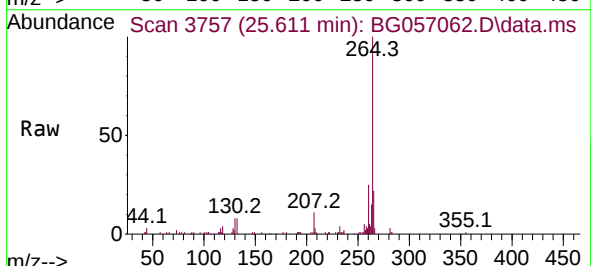
Tgt Ion:264 Resp: 107319

Ion Ratio Lower Upper

264 100

260 24.8 19.0 28.4

265 21.8 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.356 ng

RT: 29.712 min Scan# 4462

Delta R.T. 0.000 min

Lab File: BG057062.D

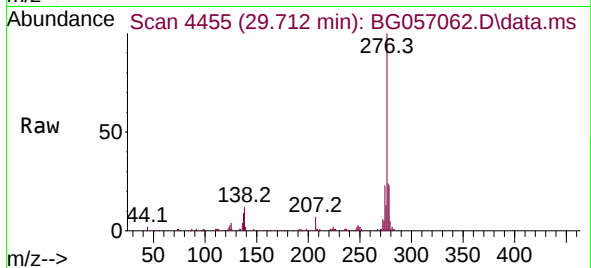
Acq: 12 Apr 2023 13:27

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040



Tgt Ion:276 Resp: 32008

Ion Ratio Lower Upper

276 100

138 8.9 7.7 11.5

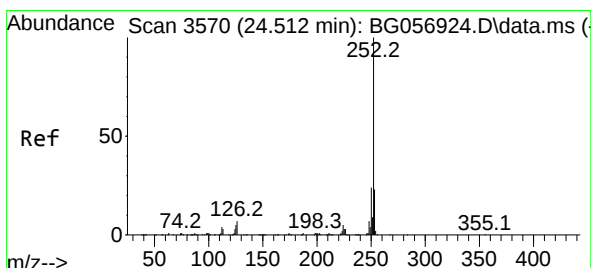
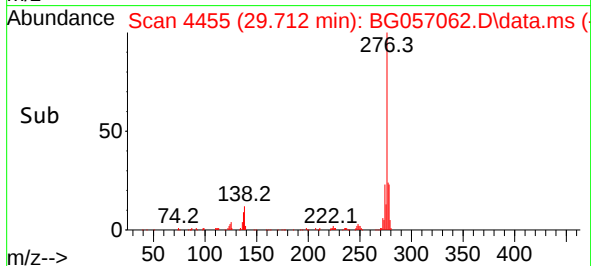
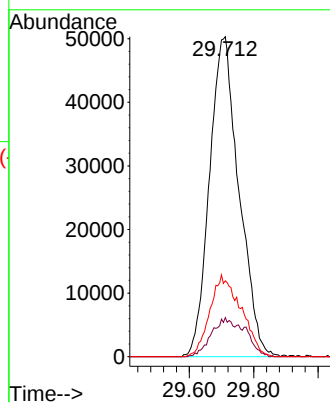
277 27.0 21.0 31.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/13/2023

Supervised By :Jagrut Upadhyay 04/13/2023



#88

Benzo(b)fluoranthene

Concen: 40.829 ng

RT: 24.484 min Scan# 3565

Delta R.T. 0.000 min

Lab File: BG057062.D

Acq: 12 Apr 2023 13:27

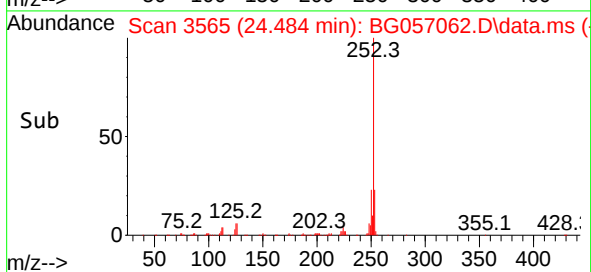
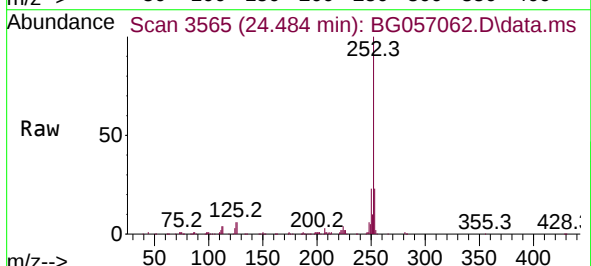
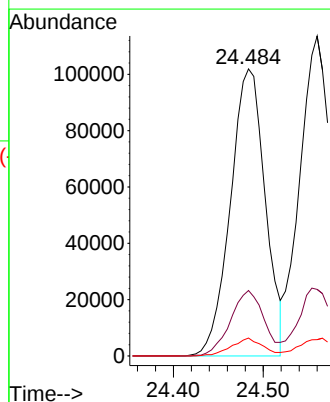
Tgt Ion:252 Resp: 274005

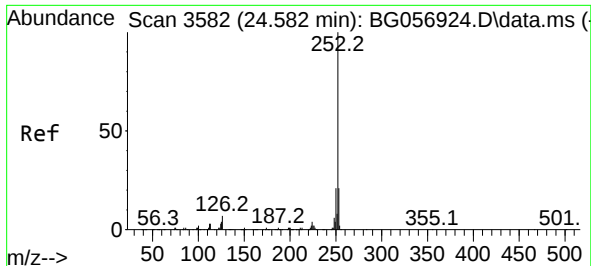
Ion Ratio Lower Upper

252 100

253 22.8 18.1 27.1

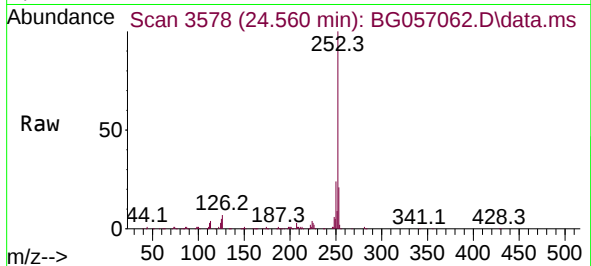
125 6.3 4.2 6.4





#89  
Benzo(k)fluoranthene  
Concen: 41.212 ng  
RT: 24.560 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

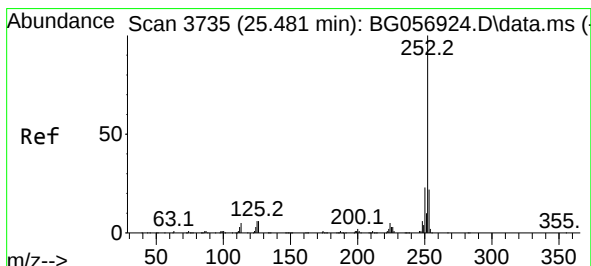
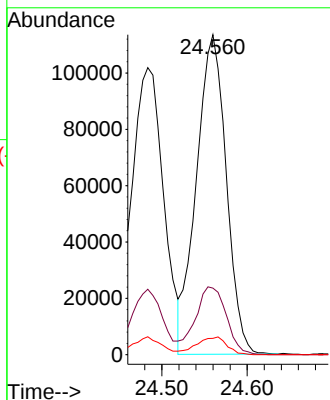
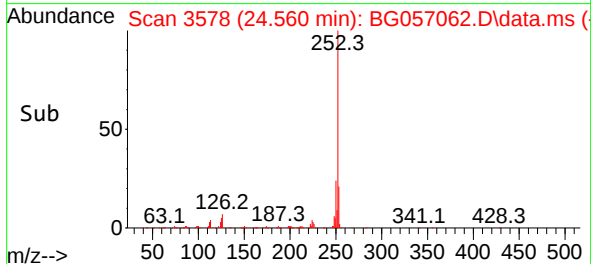
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:252 Resp: 276110  
Ion Ratio Lower Upper  
252 100  
253 20.8 17.1 25.7  
125 5.1 3.8 5.6

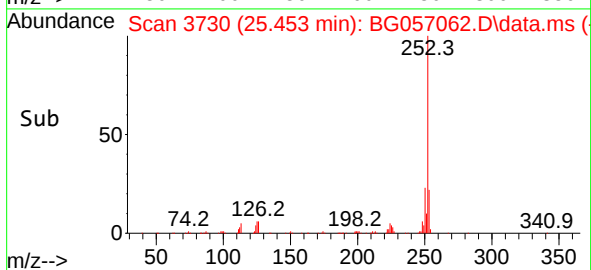
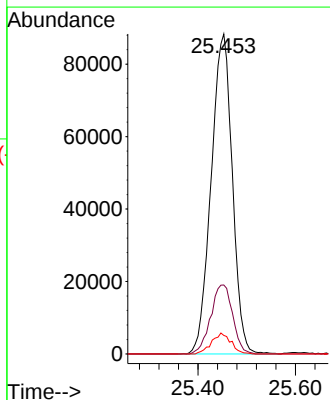
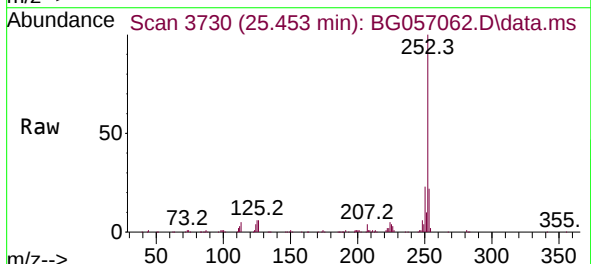
Manual Integrations  
APPROVED

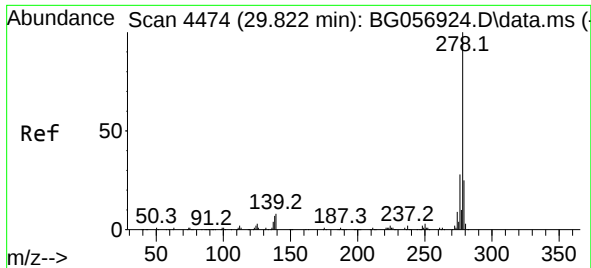
Reviewed By :Christian Giraldo 04/13/2023  
Supervised By :Jagrut Upadhyay 04/13/2023



#90  
Benzo(a)pyrene  
Concen: 40.386 ng  
RT: 25.453 min Scan# 3730  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

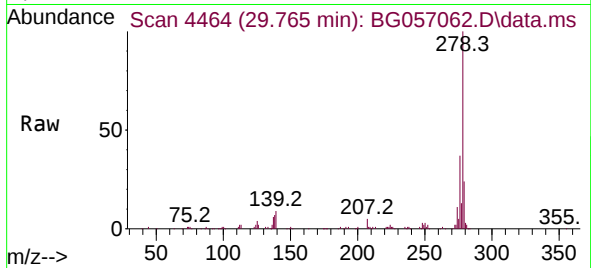
Tgt Ion:252 Resp: 266328  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.6 26.4  
125 5.8 4.5 6.7





#91  
Dibenzo(a,h)anthracene  
Concen: 41.528 ng  
RT: 29.765 min Scan# 4474  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27

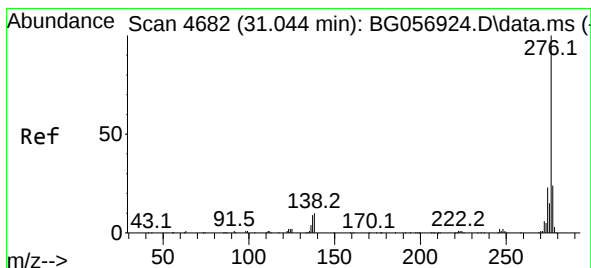
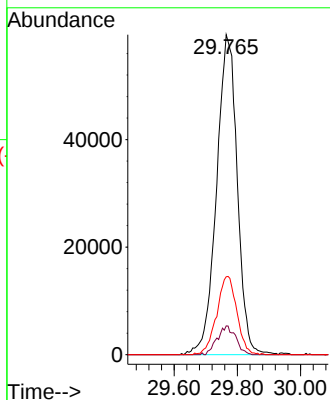
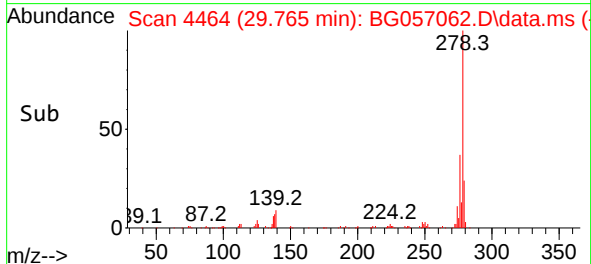
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



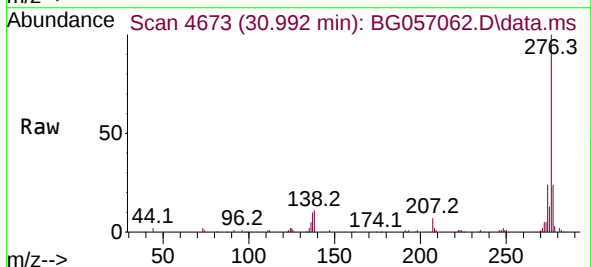
Tgt Ion:278 Resp: 27074  
Ion Ratio Lower Upper  
278 100  
139 9.0 6.4 9.6  
279 24.4 20.2 30.2

Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 04/13/2023  
Supervised By :Jagrut Upadhyay 04/13/2023



#92  
Benzo(g,h,i)perylene  
Concen: 40.408 ng  
RT: 30.992 min Scan# 4673  
Delta R.T. 0.000 min  
Lab File: BG057062.D  
Acq: 12 Apr 2023 13:27



Tgt Ion:276 Resp: 257955  
Ion Ratio Lower Upper  
276 100  
277 23.5 19.1 28.7  
138 11.2 8.2 12.2

