

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082222\  
 Data File : BG054696.D  
 Acq On : 23 Aug 2022 1:10  
 Operator : CG/JU  
 Sample : PB147112BS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB147112BS

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 08/23/2022  
 Supervised By : Jagrut Upadhyay 08/23/2022

Quant Time: Aug 23 05:23:25 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 23 03:09:46 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.159  | 152  | 62128    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.985 | 136  | 260964   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.792 | 164  | 166383   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.536 | 188  | 357084   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.825 | 240  | 330392   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 25.198 | 264  | 348260   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.697  | 112  | 480170   | 145.641 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.307  | 99   | 621525   | 134.539 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.334  | 82   | 363564   | 79.395  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.273 | 330  | 203096   | 152.421 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.417 | 172  | 835775   | 74.077  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.133 | 244  | 1335851  | 80.318  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.547  | 88   | 50738    | 29.932  | ng    | 97       |
| 3) Pyridine                   | 3.952  | 79   | 144831   | 30.517  | ng    | 99       |
| 4) n-Nitrosodimethylamine     | 3.864  | 42   | 86545    | 41.629  | ng    | 98       |
| 6) Aniline                    | 7.477  | 93   | 251442   | 43.627  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.718  | 128  | 174256   | 49.624  | ng    | 96       |
| 9) Benzaldehyde               | 7.289  | 77   | 132164   | 41.380  | ng    | 100      |
| 10) Phenol                    | 7.330  | 94   | 224331   | 46.881  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.571  | 93   | 173322   | 42.376  | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 8.047  | 146  | 189129   | 41.958  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 8.194  | 146  | 190135   | 41.858  | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.517  | 146  | 186308   | 43.490  | ng    | 98       |
| 15) Benzyl Alcohol            | 8.394  | 79   | 156448   | 48.596  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.688  | 45   | 281145   | 44.303  | ng    | 99       |
| 17) 2-Methylphenol            | 8.594  | 107  | 152404   | 47.239  | ng    | 98       |
| 18) Hexachloroethane          | 9.252  | 117  | 65941    | 43.956  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 8.970  | 70   | 141659   | 43.584  | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.923  | 107  | 202483   | 47.015  | ng    | 98       |
| 22) Acetophenone              | 8.987  | 105  | 266421   | 40.536  | ng    | 99       |
| 24) Nitrobenzene              | 9.375  | 77   | 193543   | 41.110  | ng    | 100      |
| 25) Isophorone                | 9.898  | 82   | 379724   | 43.508  | ng    | 100      |
| 26) 2-Nitrophenol             | 10.086 | 139  | 67249    | 48.048  | ng    | 95       |
| 27) 2,4-Dimethylphenol        | 10.133 | 122  | 166941   | 52.438  | ng    | 95       |
| 28) bis(2-Chloroethoxy)met... | 10.380 | 93   | 234201   | 45.426  | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.621 | 162  | 160837   | 47.085  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.838 | 180  | 175382   | 38.529  | ng    | 99       |
| 31) Naphthalene               | 11.038 | 128  | 541880   | 38.583  | ng    | 100      |
| 32) Benzoic acid              | 10.274 | 122  | 88106m   | 50.374  | ng    |          |
| 33) 4-Chloroaniline           | 11.138 | 127  | 177025   | 31.933  | ng    | 99       |
| 34) Hexachlorobutadiene       | 11.314 | 225  | 111429   | 38.775  | ng    | 97       |
| 35) Caprolactam               | 11.913 | 113  | 51263m   | 48.065  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 12.242 | 107  | 172721   | 47.584  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.630 | 142  | 380367   | 39.422  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.848 | 142  | 363065   | 38.910  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.989 | 216  | 199218   | 38.782  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.971 | 237  | 233388   | 109.307 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 13.224 | 196  | 127732   | 47.331  | ng    | 98       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082222\  
 Data File : BG054696.D  
 Acq On : 23 Aug 2022 1:10  
 Operator : CG/JU  
 Sample : PB147112BS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB147112BS

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 08/23/2022  
 Supervised By : Jagrut Upadhyay 08/23/2022

Quant Time: Aug 23 05:23:25 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 23 03:09:46 2022  
 Response via : Initial Calibration

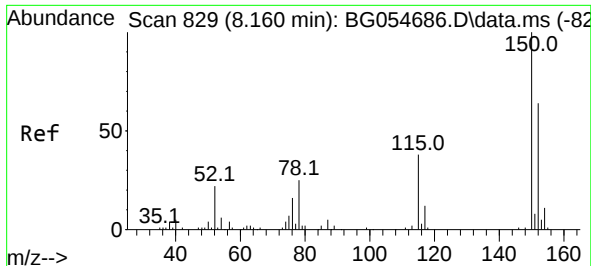
| Compound                          | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol         | 13.294 | 196  | 140609   | 46.036  | ng    | 98       |
| 46) 1,1'-Biphenyl                 | 13.629 | 154  | 498666   | 39.609  | ng    | 99       |
| 47) 2-Chloronaphthalene           | 13.670 | 162  | 369951   | 38.521  | ng    | 100      |
| 48) 2-Nitroaniline                | 13.870 | 65   | 103213   | 43.833  | ng    | 99       |
| 49) Acenaphthylene                | 14.516 | 152  | 609923   | 39.072  | ng    | 99       |
| 50) Dimethylphthalate             | 14.240 | 163  | 478673   | 42.724  | ng    | 99       |
| 51) 2,6-Dinitrotoluene            | 14.358 | 165  | 94439    | 46.346  | ng    | 97       |
| 52) Acenaphthene                  | 14.857 | 154  | 404063   | 42.219  | ng    | 99       |
| 53) 3-Nitroaniline                | 14.692 | 138  | 90559    | 38.539  | ng    | 100      |
| 54) 2,4-Dinitrophenol             | 14.892 | 184  | 77989    | 107.310 | ng    | 98       |
| 55) Dibenzofuran                  | 15.186 | 168  | 565032   | 38.957  | ng    | 99       |
| 56) 4-Nitrophenol                 | 14.980 | 139  | 177004   | 101.344 | ng    | 99       |
| 57) 2,4-Dinitrotoluene            | 15.139 | 165  | 129400   | 42.981  | ng    | 97       |
| 58) Fluorene                      | 15.832 | 166  | 467520   | 38.992  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol     | 15.403 | 232  | 119955   | 47.172  | ng    | 97       |
| 60) Diethylphthalate              | 15.597 | 149  | 478012   | 43.739  | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether    | 15.821 | 204  | 238033   | 40.090  | ng    | 99       |
| 62) 4-Nitroaniline                | 15.856 | 138  | 109210   | 42.648  | ng    | 96       |
| 63) Azobenzene                    | 16.114 | 77   | 473471   | 39.009  | ng    | 100      |
| 65) 4,6-Dinitro-2-methylphthalate | 15.903 | 198  | 51699    | 47.397  | ng    | 99       |
| 66) n-Nitrosodiphenylamine        | 16.038 | 169  | 417645   | 41.158  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether     | 16.719 | 248  | 137180   | 39.908  | ng    | 98       |
| 68) Hexachlorobenzene             | 16.831 | 284  | 174710   | 40.283  | ng    | 99       |
| 69) Atrazine                      | 16.978 | 200  | 151730   | 50.458  | ng    | 100      |
| 70) Pentachlorophenol             | 17.172 | 266  | 198797   | 82.252  | ng    | 99       |
| 71) Phenanthrene                  | 17.577 | 178  | 743609   | 39.068  | ng    | 99       |
| 72) Anthracene                    | 17.665 | 178  | 755336   | 40.953  | ng    | 99       |
| 73) Carbazole                     | 17.936 | 167  | 703707   | 42.885  | ng    | 100      |
| 74) Di-n-butylphthalate           | 18.482 | 149  | 825107   | 47.134  | ng    | 99       |
| 75) Fluoranthene                  | 19.581 | 202  | 911073   | 40.601  | ng    | 99       |
| 77) Benzidine                     | 19.757 | 184  | 555015   | 77.370  | ng    | 98       |
| 78) Pyrene                        | 19.939 | 202  | 920037   | 39.478  | ng    | 98       |
| 80) Butylbenzylphthalate          | 20.821 | 149  | 338045   | 44.537  | ng    | 99       |
| 81) Benzo(a)anthracene            | 21.808 | 228  | 899169   | 40.072  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine        | 21.719 | 252  | 283573   | 41.822  | ng    | 98       |
| 83) Chrysene                      | 21.878 | 228  | 837932   | 39.240  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate    | 21.702 | 149  | 517739   | 44.779  | ng    | 98       |
| 85) Di-n-octyl phthalate          | 22.965 | 149  | 849687   | 49.106  | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene        | 29.076 | 276  | 1073872  | 41.322  | ng    | 99       |
| 88) Benzo(b)fluoranthene          | 24.123 | 252  | 958860   | 44.341  | ng    | 100      |
| 89) Benzo(k)fluoranthene          | 24.199 | 252  | 934979   | 41.898  | ng    | 99       |
| 90) Benzo(a)pyrene                | 25.039 | 252  | 845051   | 45.529  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene        | 29.152 | 278  | 923155   | 43.241  | ng    | 99       |
| 92) Benzo(g,h,i)perylene          | 30.292 | 276  | 901660   | 43.201  | ng    | 99       |

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

## Manual Integrations

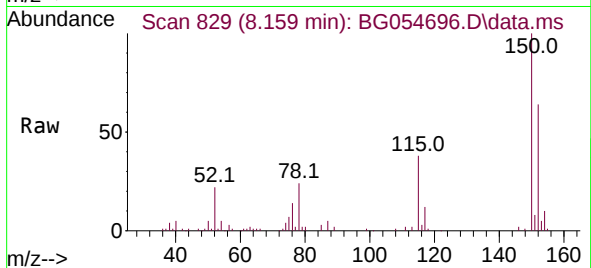
Quant Time: Aug 23 05:23:25 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082222.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Aug 23 03:09:46 2022  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.159 min Scan# 81  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10

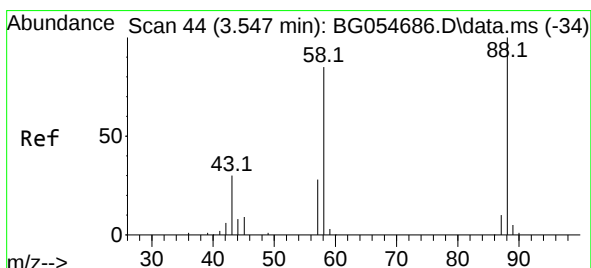
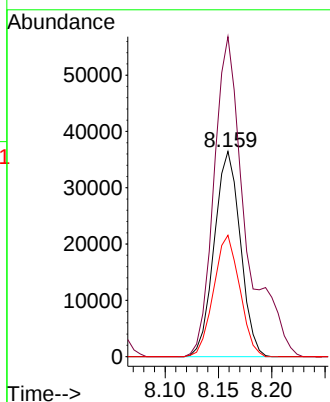
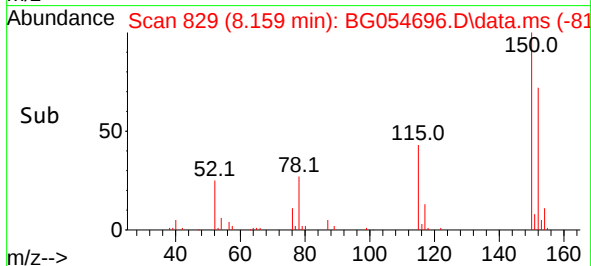
Instrument :  
BNA\_G  
ClientSampleId :  
PB147112BS



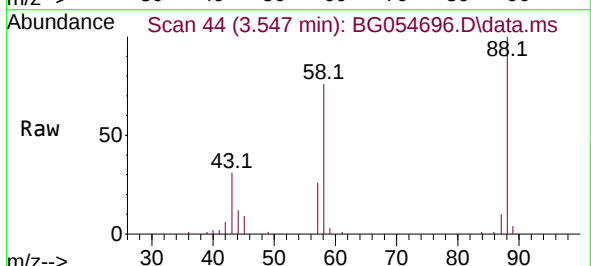
Tgt Ion:152 Resp: 62128  
Ion Ratio Lower Upper  
152 100  
150 156.0 125.2 187.8  
115 59.2 47.9 71.9

Manual Integrations  
APPROVED

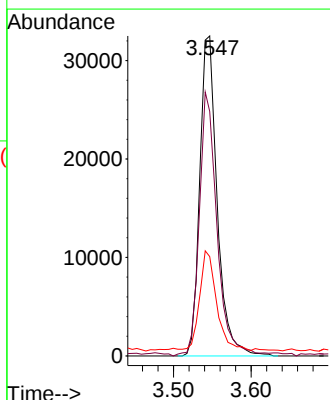
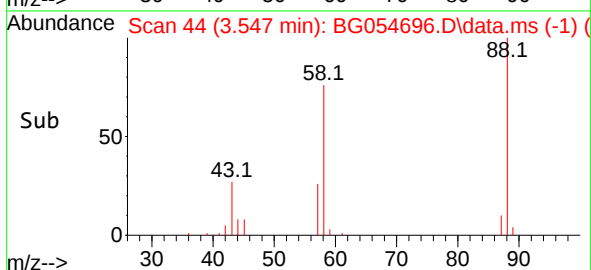
Reviewed By :Christian Giraldo 08/23/2022  
Supervised By :Jagrut Upadhyay 08/23/2022

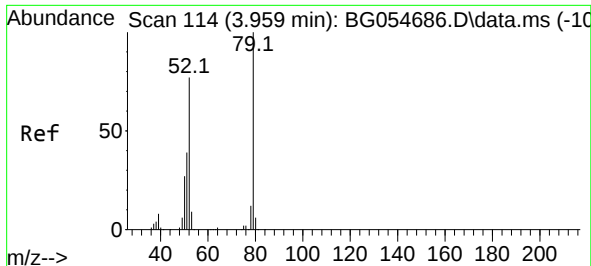


#2  
1,4-Dioxane  
Concen: 29.932 ng  
RT: 3.547 min Scan# 44  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10



Tgt Ion: 88 Resp: 50738  
Ion Ratio Lower Upper  
88 100  
58 84.9 65.9 98.9  
43 30.3 22.7 34.1





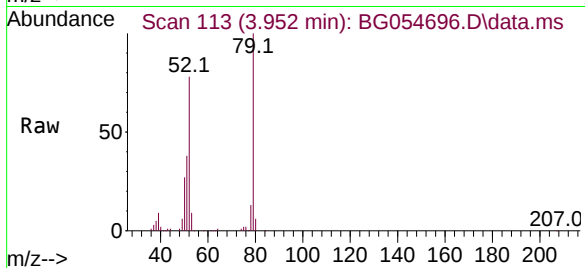
#3  
Pyridine  
Concen: 30.517 ng  
RT: 3.952 min Scan# 114  
Delta R.T. -0.007 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10

Instrument :

BNA\_G

ClientSampleId :

PB147112BS

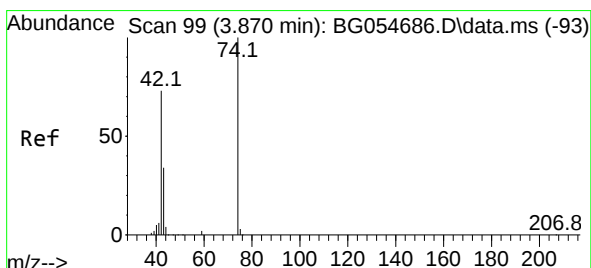
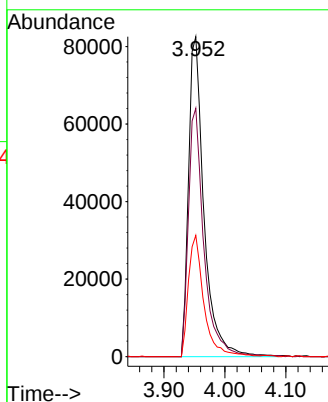
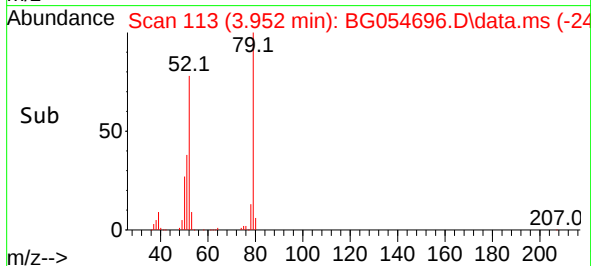


Tgt Ion: 79 Resp: 144831  
Ion Ratio Lower Upper  
79 100  
52 77.6 61.4 92.0  
51 37.9 31.4 47.0

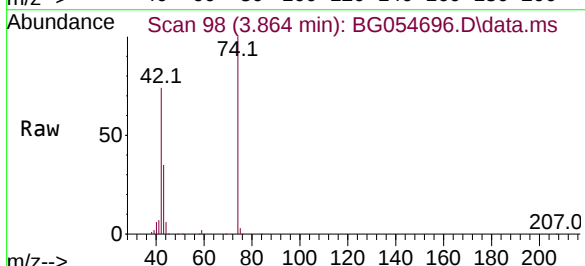
Manual Integrations

APPROVED

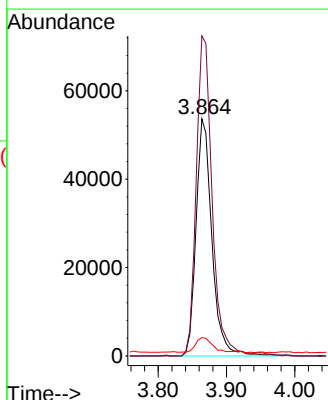
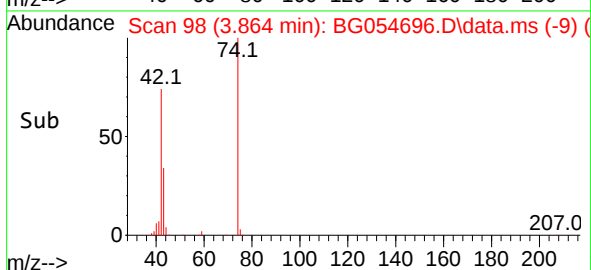
Reviewed By :Christian Giraldo 08/23/2022  
Supervised By :Jagrut Upadhyay 08/23/2022

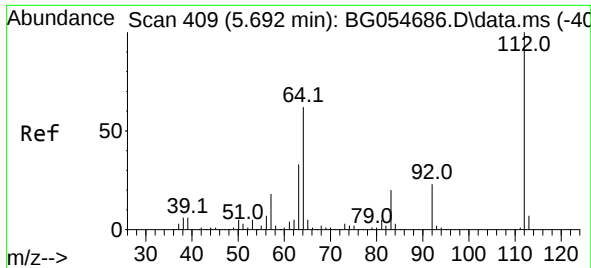


#4  
n-Nitrosodimethylamine  
Concen: 41.629 ng  
RT: 3.864 min Scan# 98  
Delta R.T. -0.007 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10



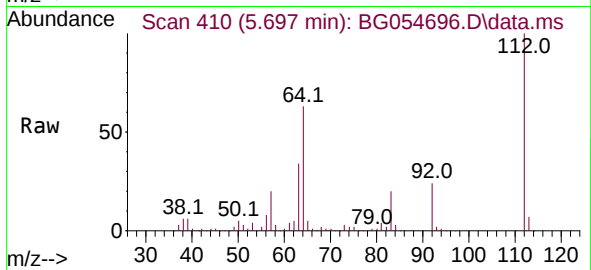
Tgt Ion: 42 Resp: 86545  
Ion Ratio Lower Upper  
42 100  
74 135.0 109.6 164.4  
44 7.7 5.5 8.3





#5  
2-Fluorophenol  
Concen: 145.641 ng  
RT: 5.697 min Scan# 410  
Delta R.T. 0.005 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10

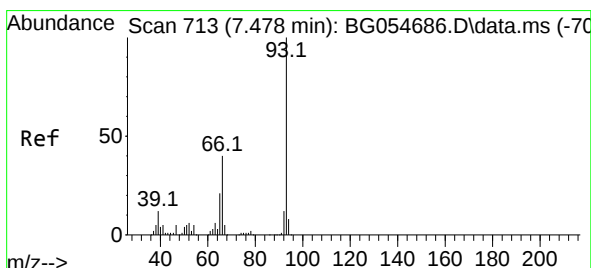
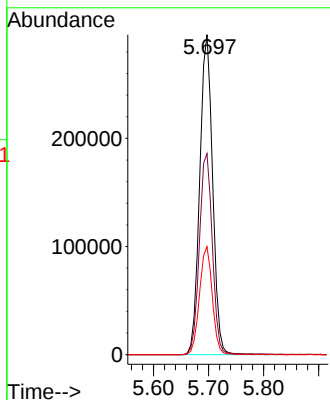
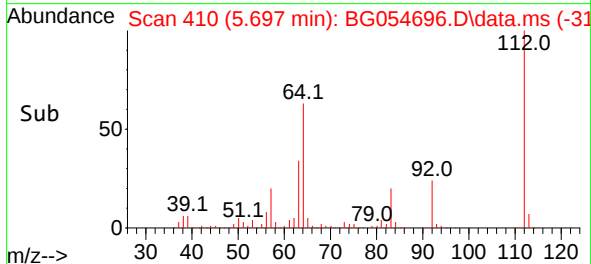
Instrument :  
BNA\_G  
ClientSampleId :  
PB147112BS



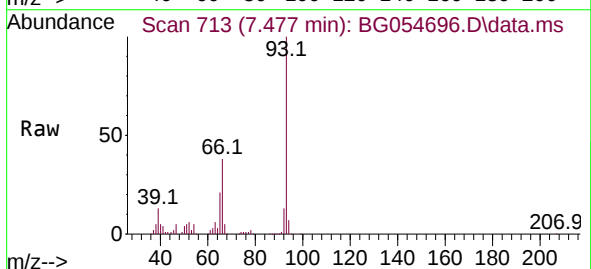
Tgt Ion:112 Resp: 480176  
Ion Ratio Lower Upper  
112 100  
64 62.8 49.3 73.9  
63 33.7 26.3 39.5

Manual Integrations  
APPROVED

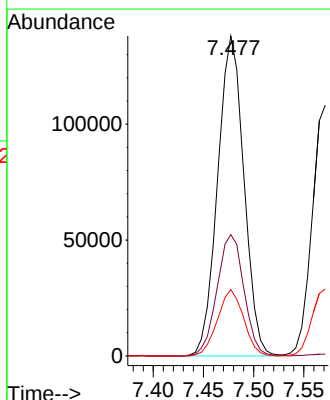
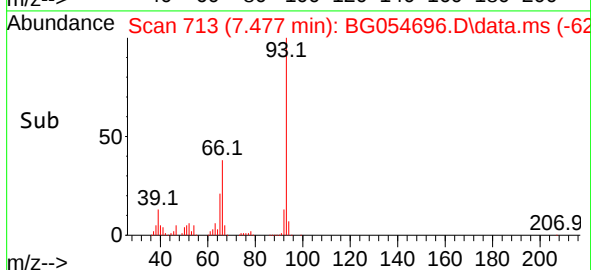
Reviewed By :Christian Giraldo 08/23/2022  
Supervised By :Jagrut Upadhyay 08/23/2022

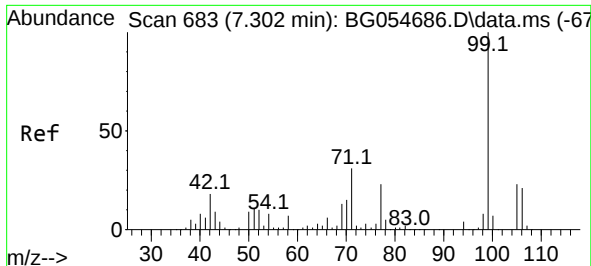


#6  
Aniline  
Concen: 43.627 ng  
RT: 7.477 min Scan# 713  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10



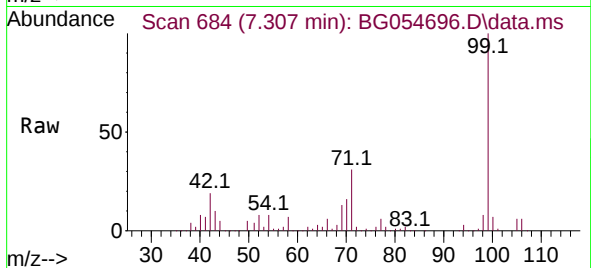
Tgt Ion: 93 Resp: 251442  
Ion Ratio Lower Upper  
93 100  
66 37.9 31.8 47.8  
65 20.8 16.6 25.0





#7  
Phenol-d6  
Concen: 134.539 ng  
RT: 7.307 min Scan# 683  
Delta R.T. 0.005 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10

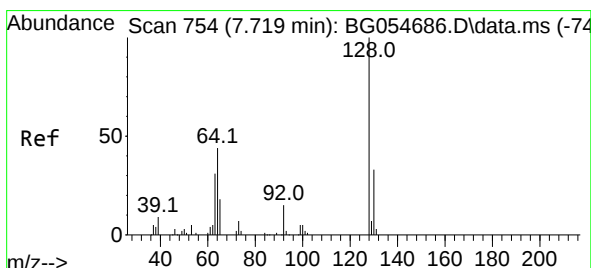
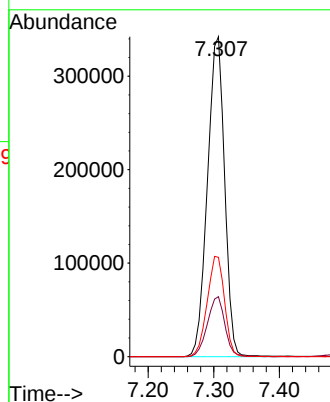
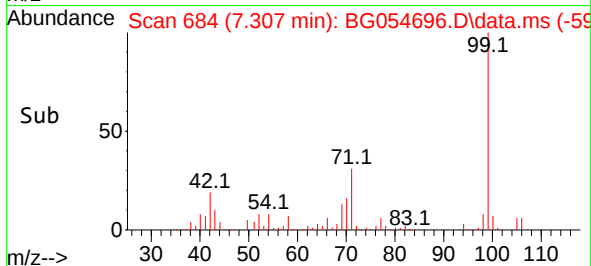
Instrument :  
BNA\_G  
ClientSampleId :  
PB147112BS



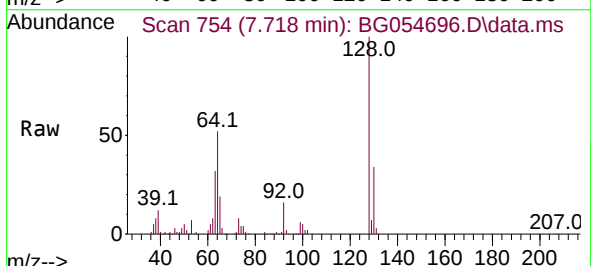
Tgt Ion: 99 Resp: 621525  
Ion Ratio Lower Upper  
99 100  
42 18.7 14.6 22.0  
71 31.0 24.6 37.0

Manual Integrations  
APPROVED

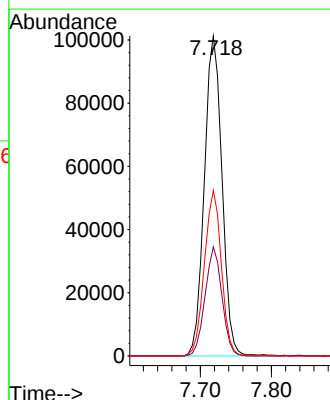
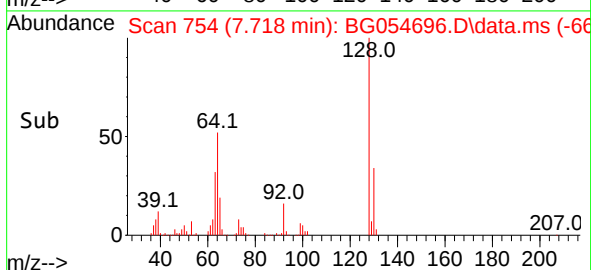
Reviewed By :Christian Giraldo 08/23/2022  
Supervised By :Jagrut Upadhyay 08/23/2022

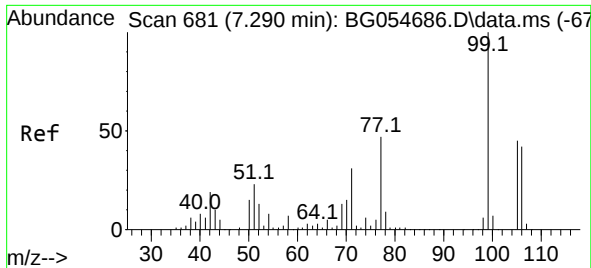


#8  
2-Chlorophenol  
Concen: 49.624 ng  
RT: 7.718 min Scan# 754  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10



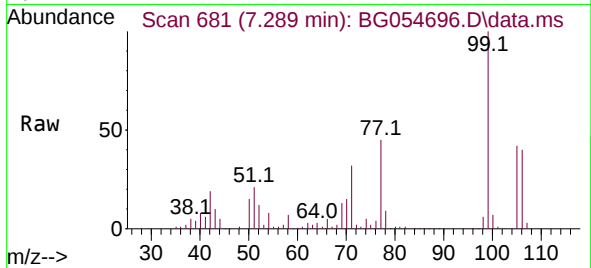
Tgt Ion:128 Resp: 174256  
Ion Ratio Lower Upper  
128 100  
130 34.1 12.5 52.5  
64 51.7 28.6 68.6





#9  
Benzaldehyde  
Concen: 41.380 ng  
RT: 7.289 min Scan# 681  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10

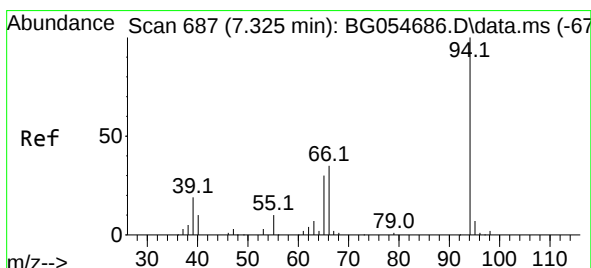
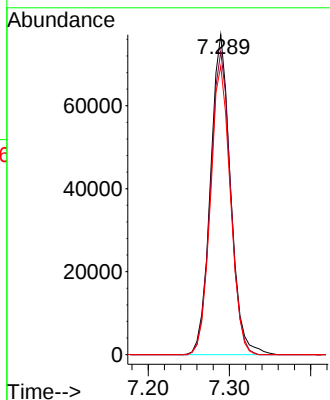
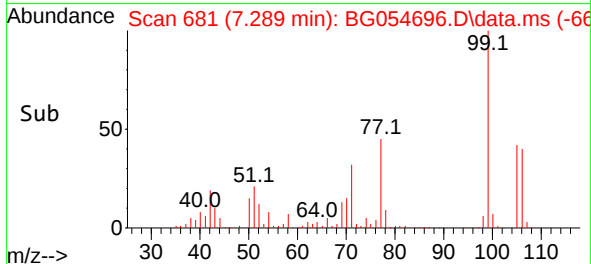
Instrument :  
BNA\_G  
ClientSampleId :  
PB147112BS



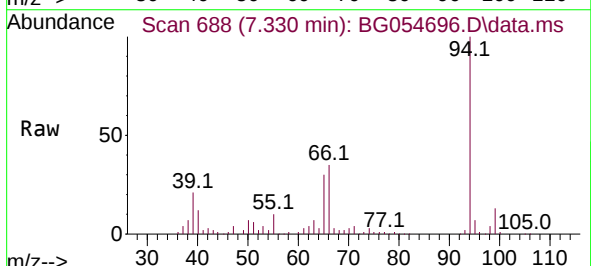
Tgt Ion: 77 Resp: 132164  
Ion Ratio Lower Upper  
77 100  
105 94.7 75.3 115.3  
106 90.2 70.2 110.2

Manual Integrations  
APPROVED

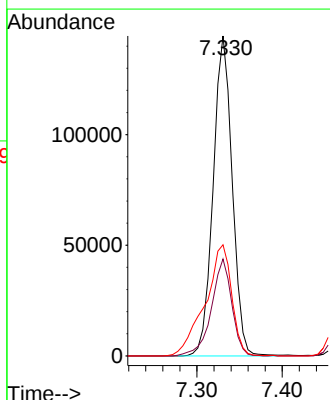
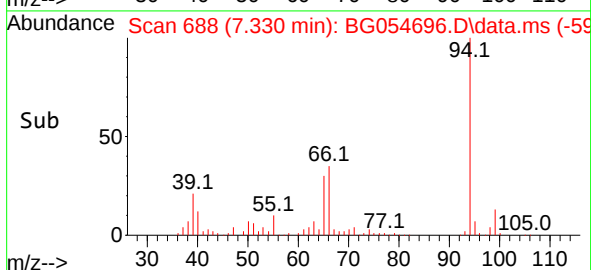
Reviewed By :Christian Giraldo 08/23/2022  
Supervised By :Jagrut Upadhyay 08/23/2022

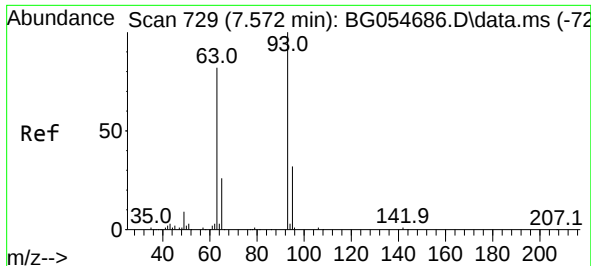


#10  
Phenol  
Concen: 46.881 ng  
RT: 7.330 min Scan# 688  
Delta R.T. 0.005 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10



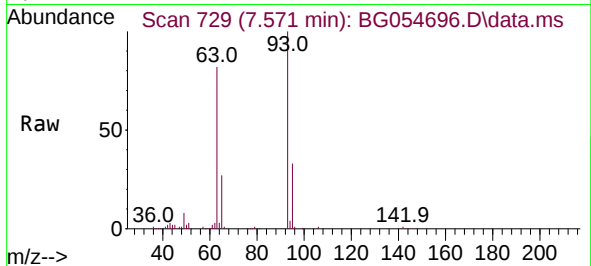
Tgt Ion: 94 Resp: 224331  
Ion Ratio Lower Upper  
94 100  
65 30.3 9.9 49.9  
66 34.7 16.4 56.4





#11  
bis(2-Chloroethyl)ether  
Concen: 42.376 ng  
RT: 7.571 min Scan# 729  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10

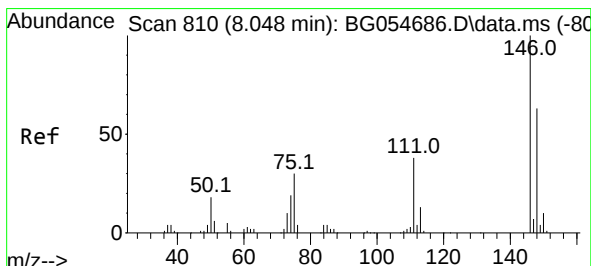
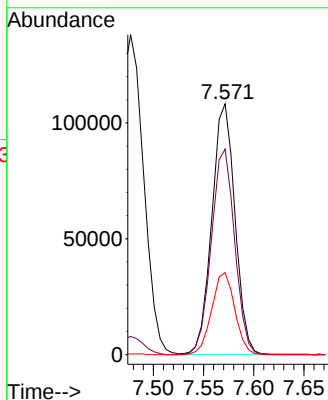
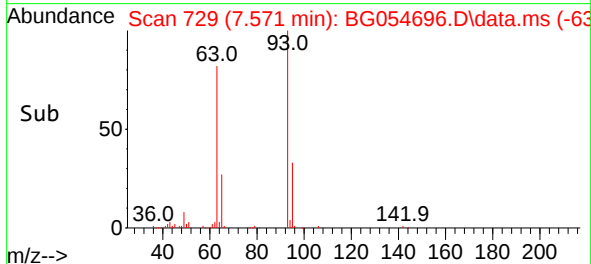
Instrument :  
BNA\_G  
ClientSampleId :  
PB147112BS



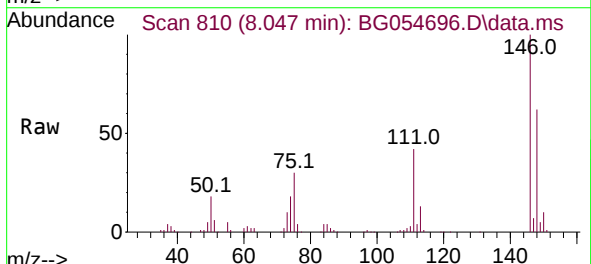
Tgt Ion: 93 Resp: 173322  
Ion Ratio Lower Upper  
93 100  
63 82.0 62.1 102.1  
95 32.7 12.1 52.1

Manual Integrations  
APPROVED

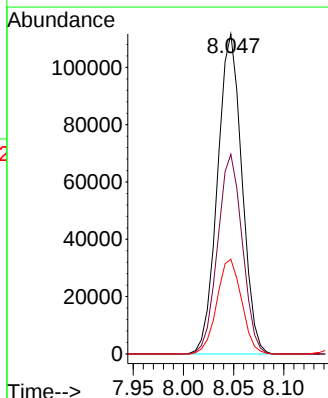
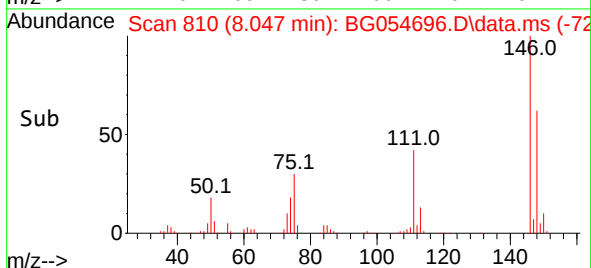
Reviewed By :Christian Giraldo 08/23/2022  
Supervised By :Jagrut Upadhyay 08/23/2022

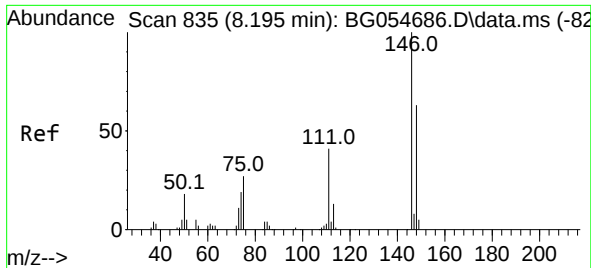


#12  
1,3-Dichlorobenzene  
Concen: 41.958 ng  
RT: 8.047 min Scan# 810  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10



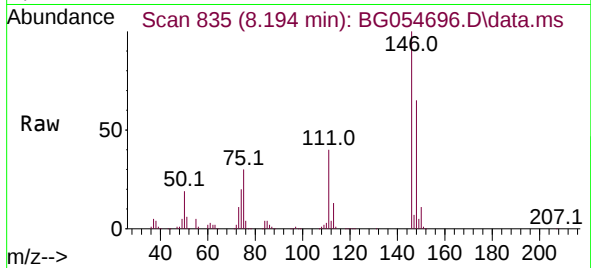
Tgt Ion:146 Resp: 189129  
Ion Ratio Lower Upper  
146 100  
148 62.4 50.6 76.0  
75 29.6 24.3 36.5





#13  
1,4-Dichlorobenzene  
Concen: 41.858 ng  
RT: 8.194 min Scan# 81  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10

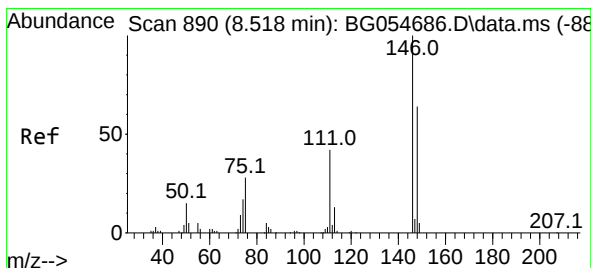
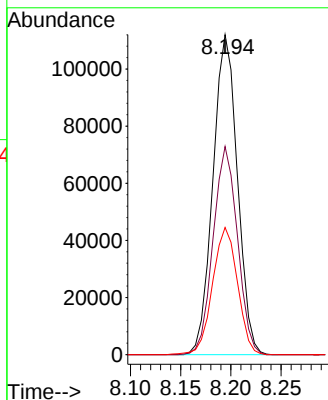
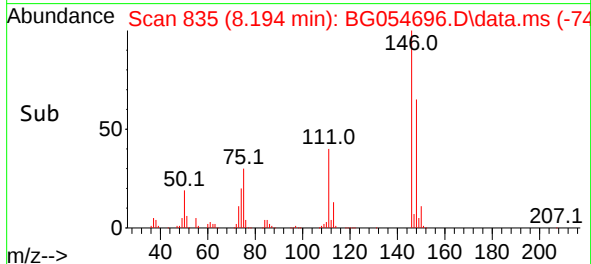
Instrument :  
BNA\_G  
ClientSampleId :  
PB147112BS



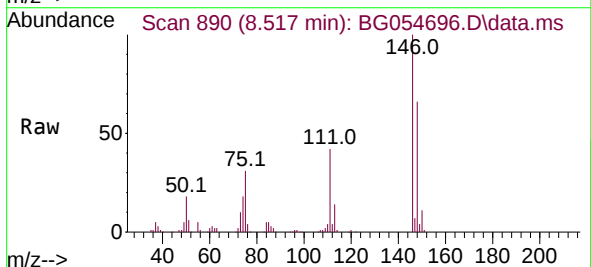
Tgt Ion:146 Resp: 190135  
Ion Ratio Lower Upper  
146 100  
148 65.0 50.4 75.6  
111 39.7 33.0 49.4

Manual Integrations  
APPROVED

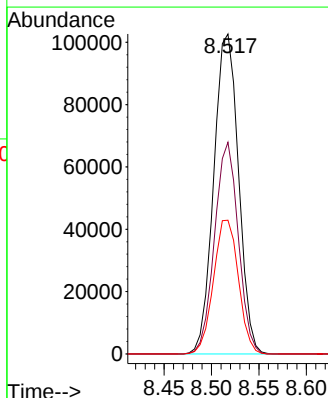
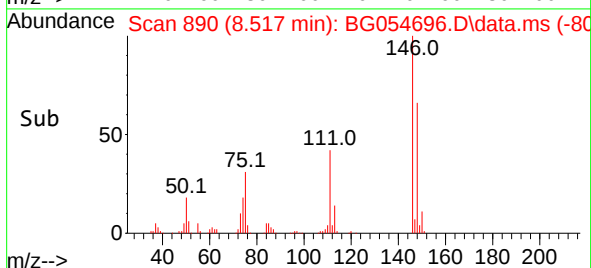
Reviewed By :Christian Giraldo 08/23/2022  
Supervised By :Jagrut Upadhyay 08/23/2022

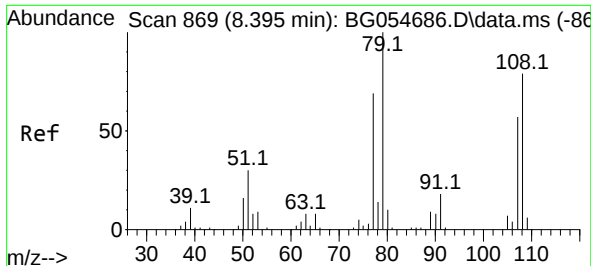


#14  
1,2-Dichlorobenzene  
Concen: 43.490 ng  
RT: 8.517 min Scan# 890  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10



Tgt Ion:146 Resp: 186308  
Ion Ratio Lower Upper  
146 100  
148 66.1 51.2 76.8  
111 41.8 34.3 51.5





#15

Benzyl Alcohol

Concen: 48.596 ng

RT: 8.394 min Scan# 869

Delta R.T. -0.001 min

Lab File: BG054696.D

Acq: 23 Aug 2022 1:10

Instrument :

BNA\_G

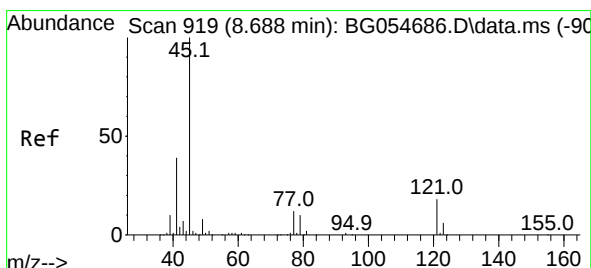
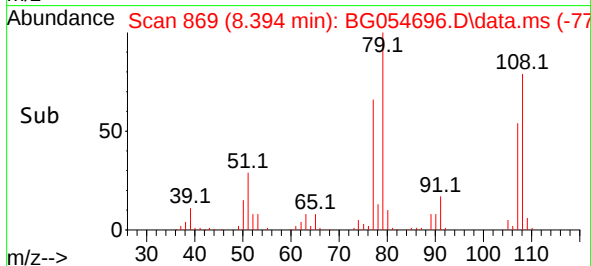
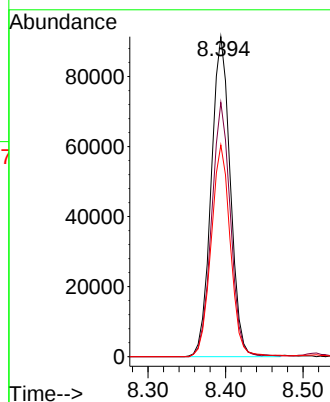
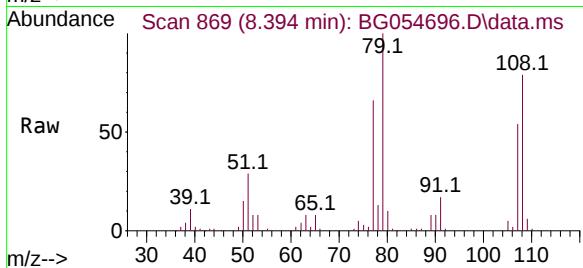
ClientSampleId :

PB147112BS

Tgt Ion: 79 Resp: 156448  
 Ion Ratio Lower Upper  
 79 100  
 108 79.4 63.4 95.0  
 77 66.1 55.0 82.4

Manual Integrations  
 APPROVED

Reviewed By :Christian Giraldo 08/23/2022  
 Supervised By :Jagrut Upadhyay 08/23/2022



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.303 ng

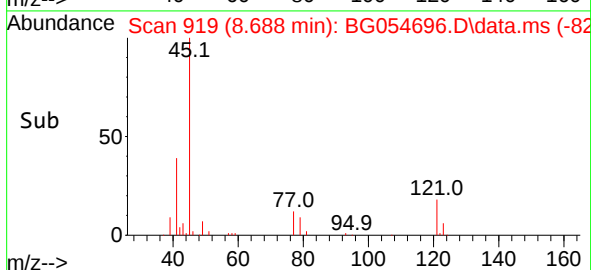
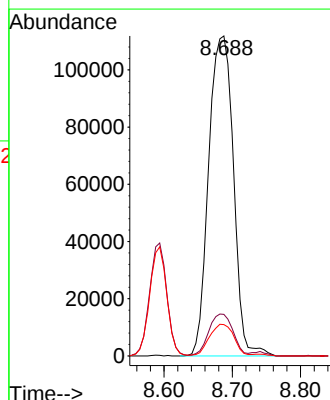
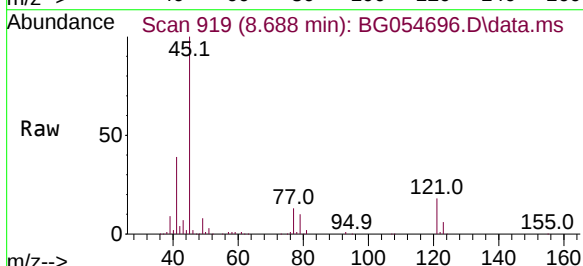
RT: 8.688 min Scan# 919

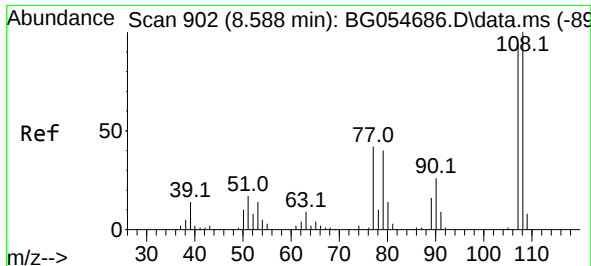
Delta R.T. -0.001 min

Lab File: BG054696.D

Acq: 23 Aug 2022 1:10

Tgt Ion: 45 Resp: 281145  
 Ion Ratio Lower Upper  
 45 100  
 77 13.0 0.0 32.8  
 79 9.8 0.0 30.4





#17  
2-Methylphenol  
Concen: 47.239 ng  
RT: 8.594 min Scan# 902  
Delta R.T. 0.005 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10

Instrument :

BNA\_G

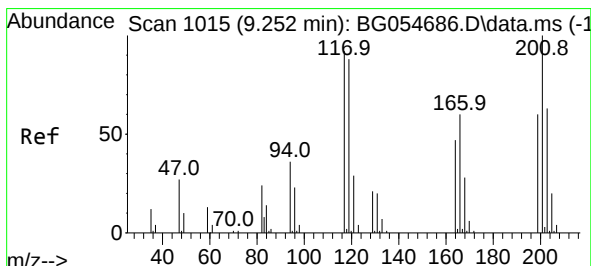
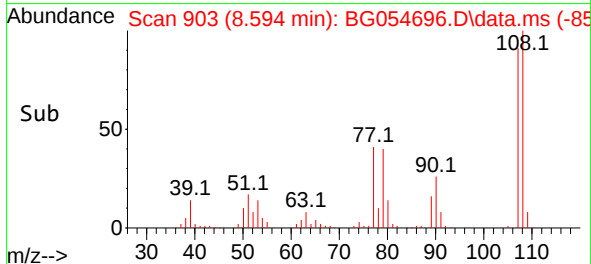
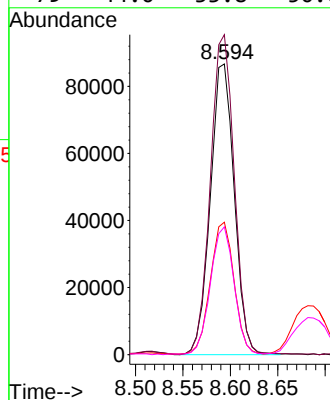
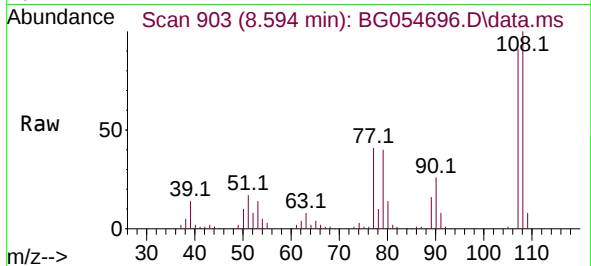
ClientSampleId :

PB147112BS

Tgt Ion:107 Resp: 152404  
Ion Ratio Lower Upper  
107 100  
108 110.1 85.6 128.4  
77 45.5 35.8 53.8  
79 44.0 33.8 50.6

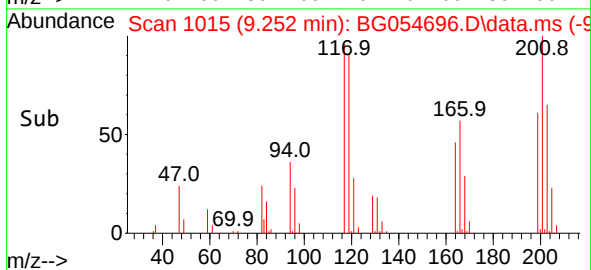
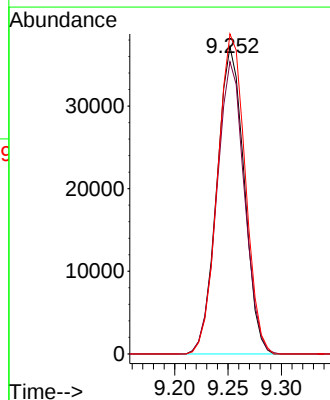
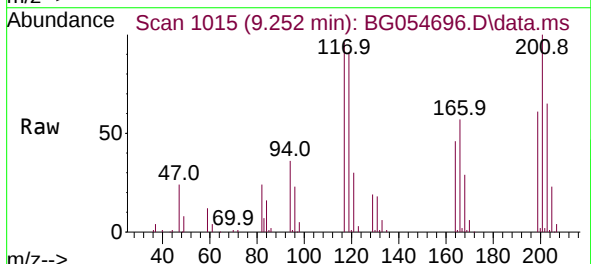
Manual Integrations  
APPROVED

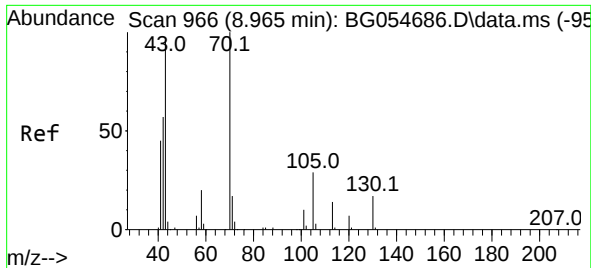
Reviewed By :Christian Giraldo 08/23/2022  
Supervised By :Jagrut Upadhyay 08/23/2022



#18  
Hexachloroethane  
Concen: 43.956 ng  
RT: 9.252 min Scan# 1015  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10

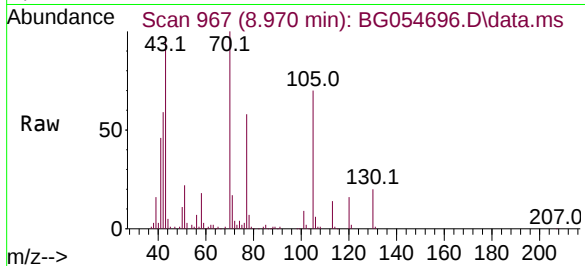
Tgt Ion:117 Resp: 65941  
Ion Ratio Lower Upper  
117 100  
119 95.1 77.0 115.6  
201 104.1 87.2 130.8





#19  
n-Nitroso-di-n-propylamine  
Concen: 43.584 ng  
RT: 8.970 min Scan# 966  
Delta R.T. 0.005 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10

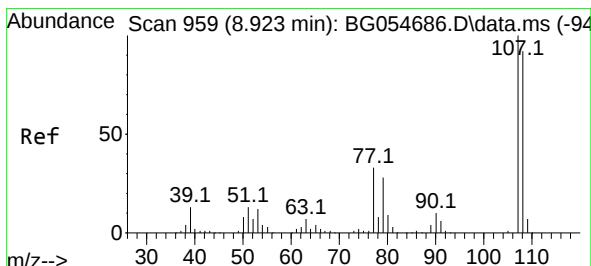
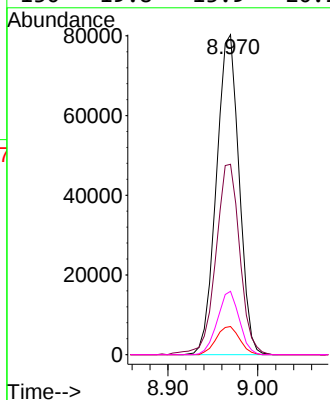
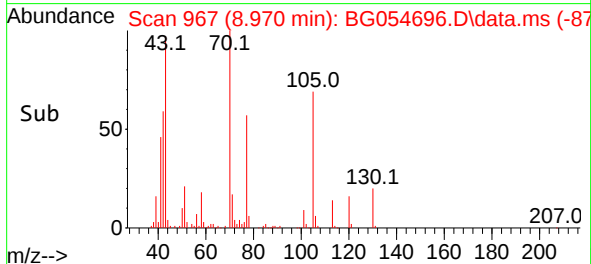
Instrument :  
BNA\_G  
ClientSampleId :  
PB147112BS



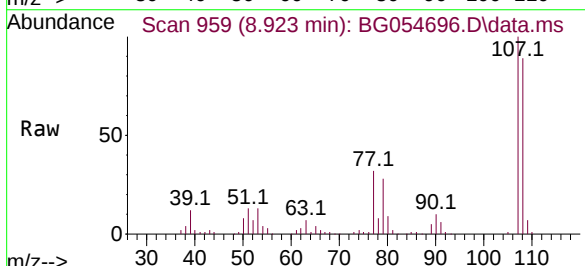
Tgt Ion: 70 Resp: 141659  
Ion Ratio Lower Upper  
70 100  
42 59.5 46.6 69.8  
101 8.8 7.7 11.5  
130 19.8 13.9 20.9

Manual Integrations  
APPROVED

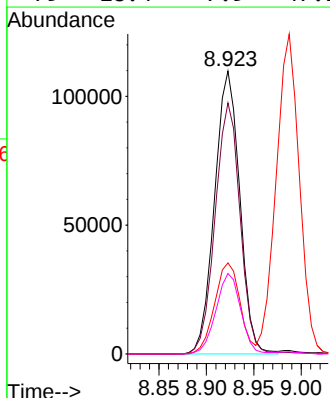
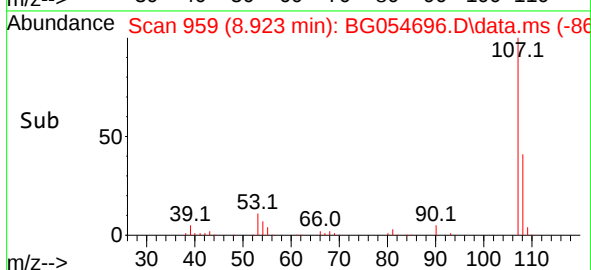
Reviewed By :Christian Giraldo 08/23/2022  
Supervised By :Jagrut Upadhyay 08/23/2022

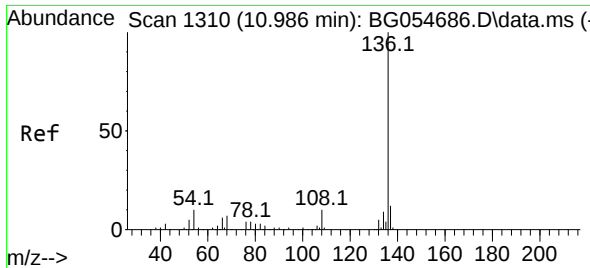


#20  
3+4-Methylphenols  
Concen: 47.015 ng  
RT: 8.923 min Scan# 959  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10



Tgt Ion:107 Resp: 202483  
Ion Ratio Lower Upper  
107 100  
108 88.8 71.6 111.6  
77 32.2 13.1 53.1  
79 28.4 7.9 47.9





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.985 min Scan# 1310  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10

Instrument :

BNA\_G

ClientSampleId :

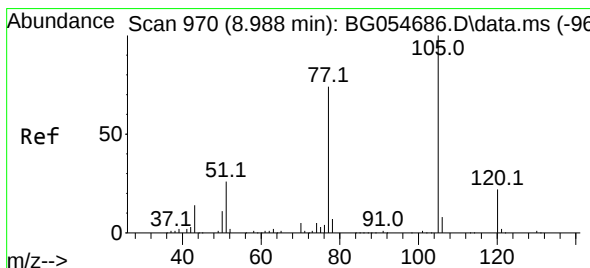
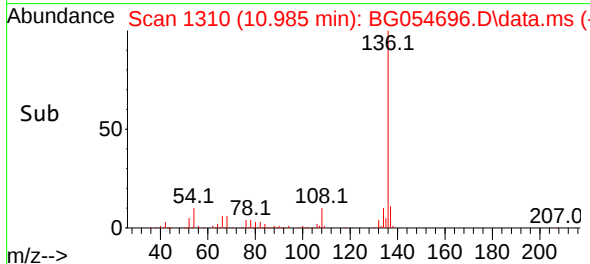
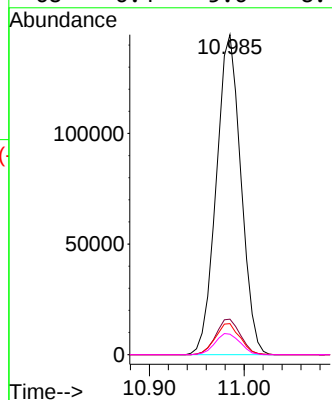
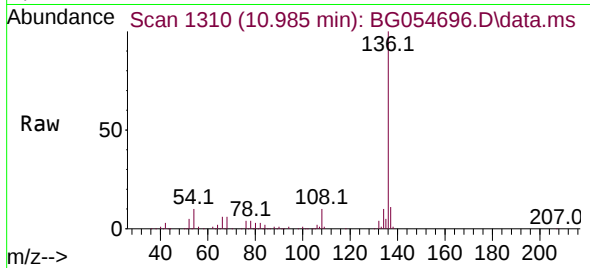
PB147112BS

Tgt Ion:136 Resp: 260964  
Ion Ratio Lower Upper  
136 100  
137 11.1 9.2 13.8  
54 9.7 7.7 11.5  
68 6.4 5.6 8.4

Manual Integrations

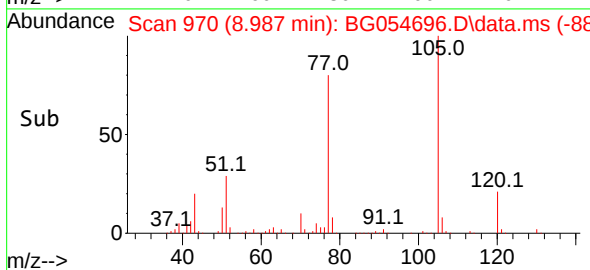
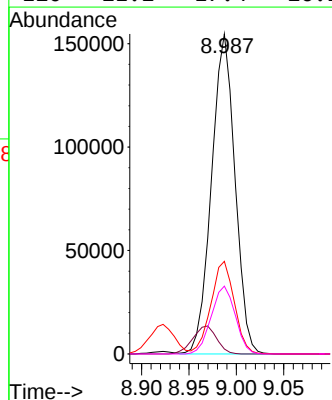
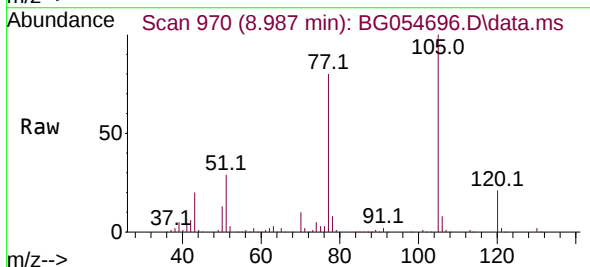
APPROVED

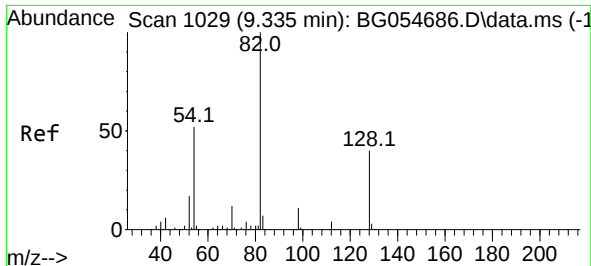
Reviewed By :Christian Giraldo 08/23/2022  
Supervised By :Jagrut Upadhyay 08/23/2022



#22  
Acetophenone  
Concen: 40.536 ng  
RT: 8.987 min Scan# 970  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10

Tgt Ion:105 Resp: 266421  
Ion Ratio Lower Upper  
105 100  
71 1.5 1.2 1.8  
51 28.9 22.9 34.3  
120 21.2 17.4 26.2





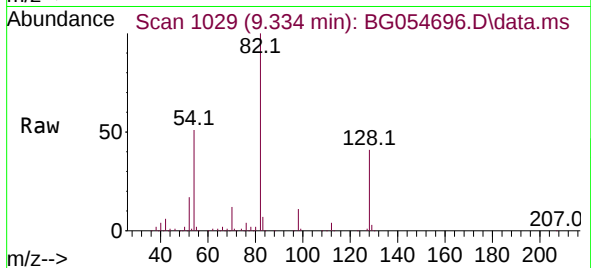
#23  
Nitrobenzene-d5  
Concen: 79.395 ng  
RT: 9.334 min Scan# 1029  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10

Instrument :

BNA\_G

ClientSampleId :

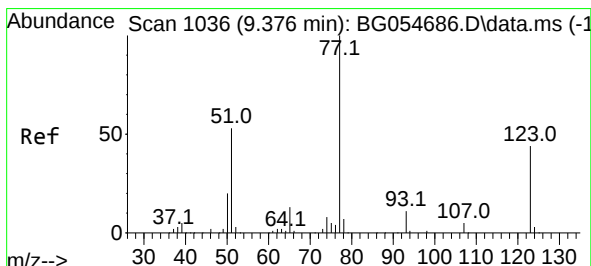
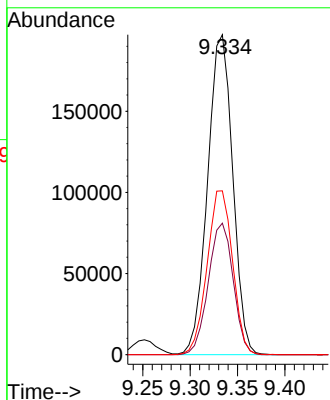
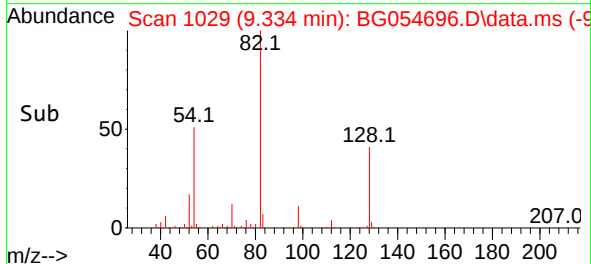
PB147112BS



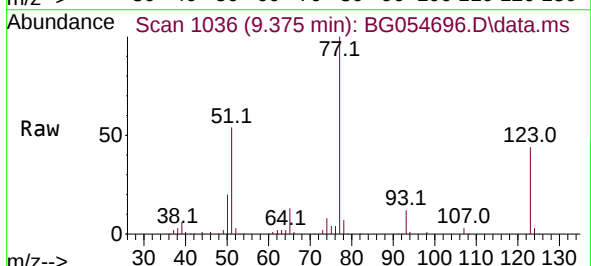
Tgt Ion: 82 Resp: 363564  
Ion Ratio Lower Upper  
82 100  
128 41.1 32.2 48.2  
54 51.2 41.4 62.0

Manual Integrations  
APPROVED

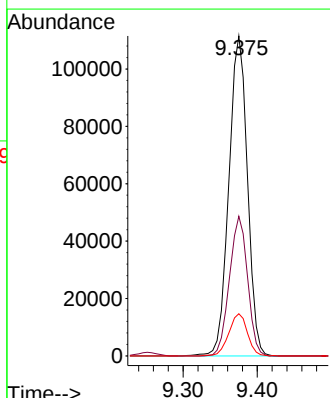
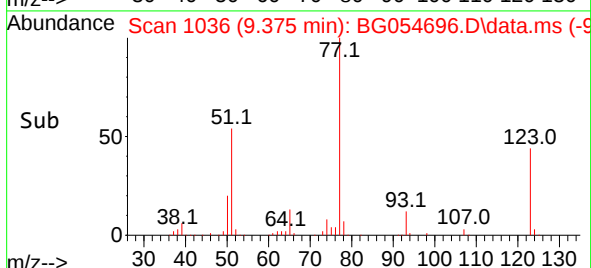
Reviewed By :Christian Giraldo 08/23/2022  
Supervised By :Jagrut Upadhyay 08/23/2022

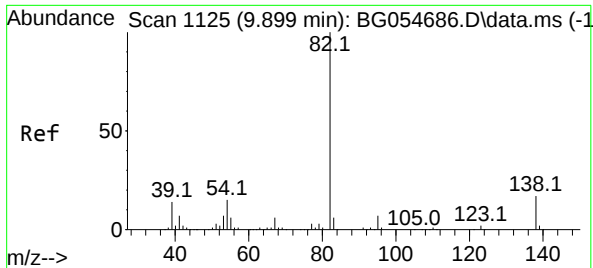


#24  
Nitrobenzene  
Concen: 41.110 ng  
RT: 9.375 min Scan# 1036  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10



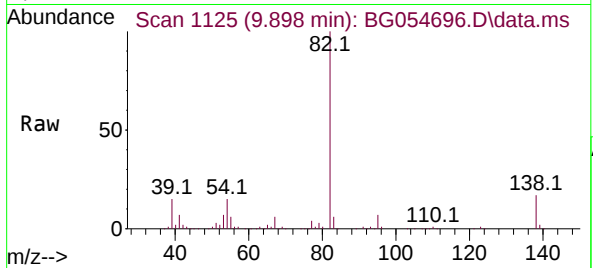
Tgt Ion: 77 Resp: 193543  
Ion Ratio Lower Upper  
77 100  
123 43.6 35.0 52.6  
65 13.2 10.2 15.2





#25  
Isophorone  
Concen: 43.508 ng  
RT: 9.898 min Scan# 1125  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10

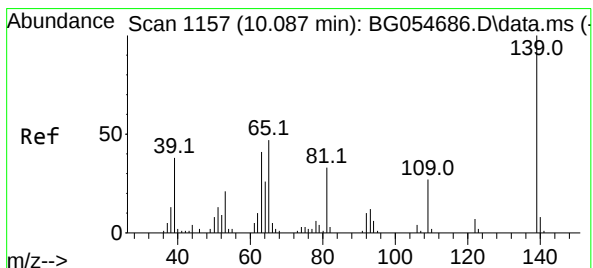
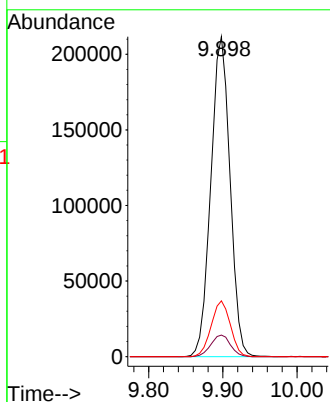
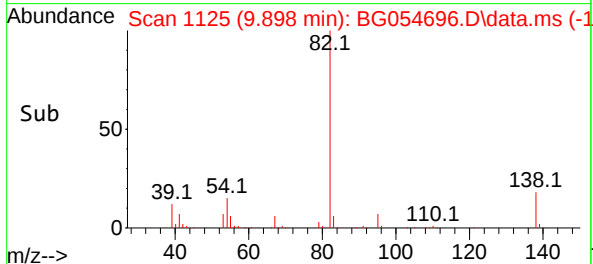
Instrument :  
BNA\_G  
ClientSampleId :  
PB147112BS



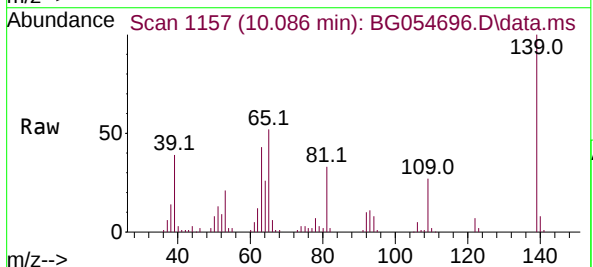
Tgt Ion: 82 Resp: 379724  
Ion Ratio Lower Upper  
82 100  
95 6.7 5.6 8.4  
138 17.4 13.9 20.9

Manual Integrations  
APPROVED

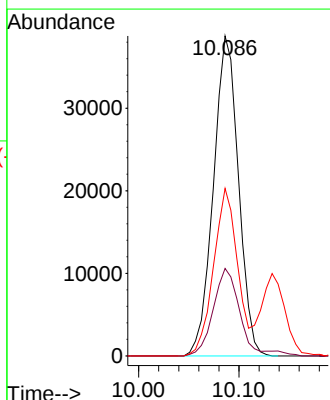
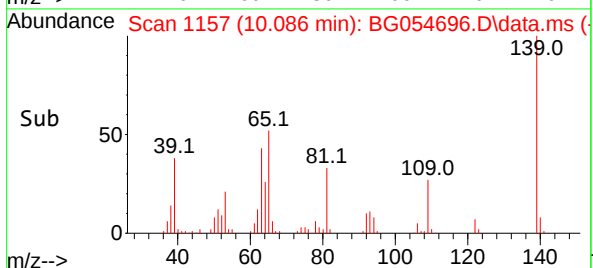
Reviewed By :Christian Giraldo 08/23/2022  
Supervised By :Jagrut Upadhyay 08/23/2022

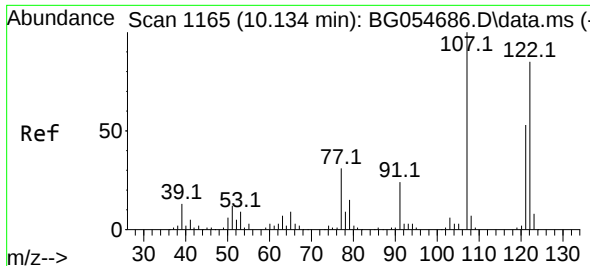


#26  
2-Nitrophenol  
Concen: 48.048 ng  
RT: 10.086 min Scan# 1157  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10



Tgt Ion:139 Resp: 67249  
Ion Ratio Lower Upper  
139 100  
109 27.3 21.8 32.6  
65 52.3 37.4 56.0





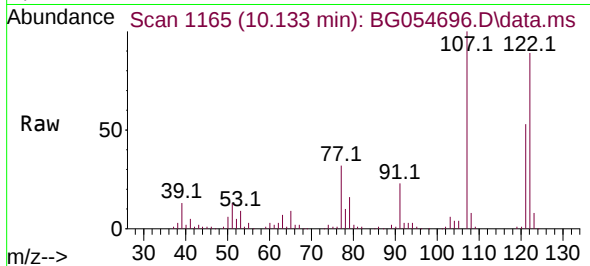
#27  
2,4-Dimethylphenol  
Concen: 52.438 ng  
RT: 10.133 min Scan# 1165  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10

Instrument :

BNA\_G

ClientSampleId :

PB147112BS

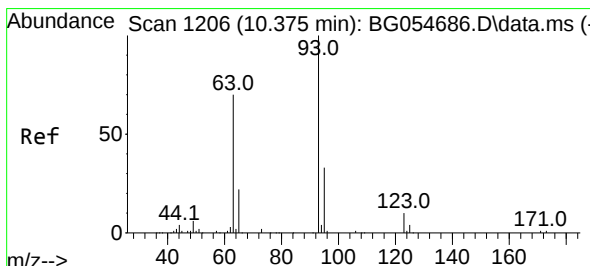
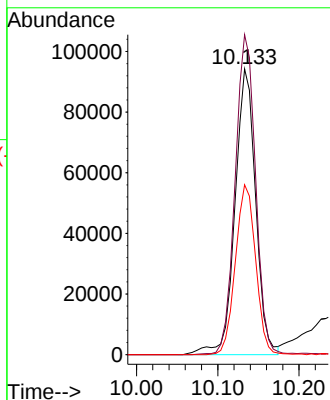
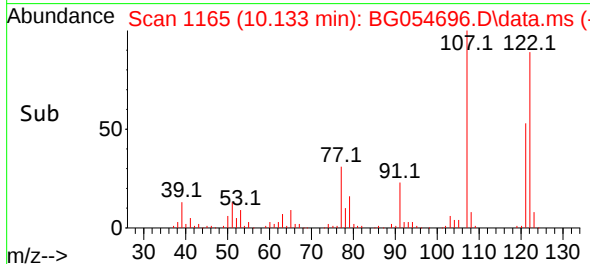


Tgt Ion:122 Resp: 16694  
Ion Ratio Lower Upper  
122 100  
107 112.0 94.6 142.0  
121 59.5 49.8 74.6

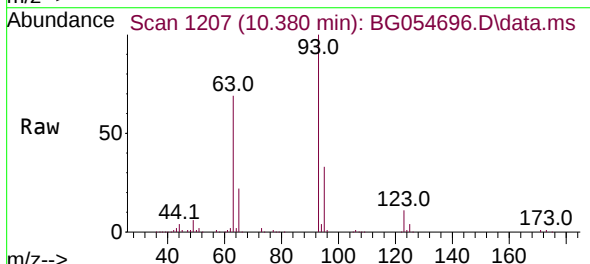
Manual Integrations

APPROVED

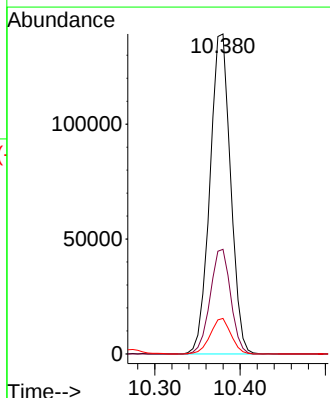
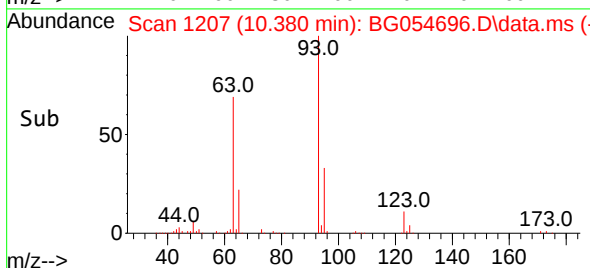
Reviewed By :Christian Giraldo 08/23/2022  
Supervised By :Jagrut Upadhyay 08/23/2022

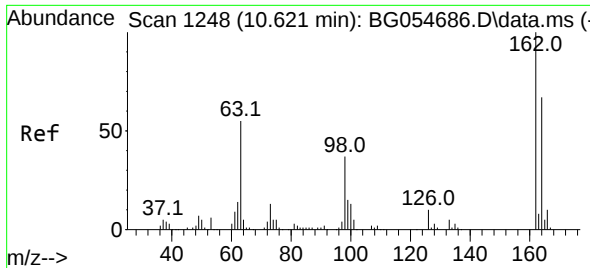


#28  
bis(2-Chloroethoxy)methane  
Concen: 45.426 ng  
RT: 10.380 min Scan# 1207  
Delta R.T. 0.005 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10



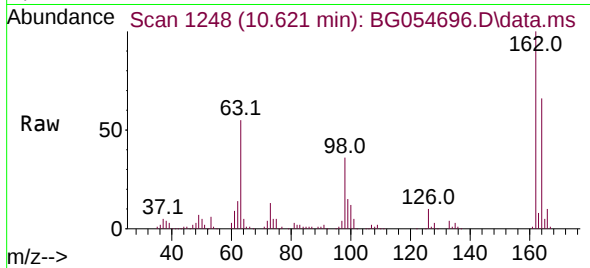
Tgt Ion: 93 Resp: 234201  
Ion Ratio Lower Upper  
93 100  
95 32.7 26.2 39.2  
123 11.1 8.4 12.6





#29  
2,4-Dichlorophenol  
Concen: 47.085 ng  
RT: 10.621 min Scan# 1248  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10

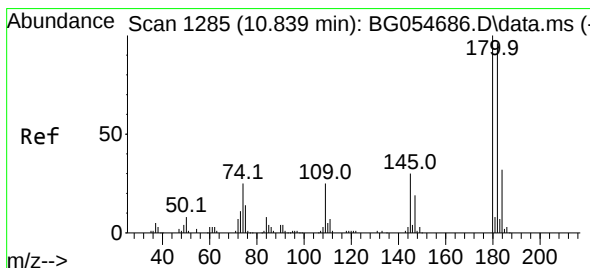
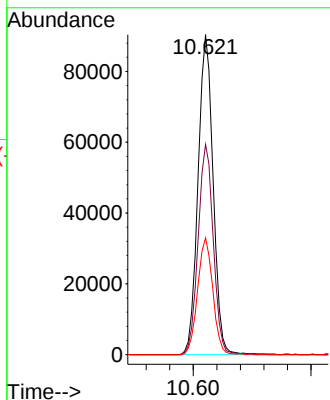
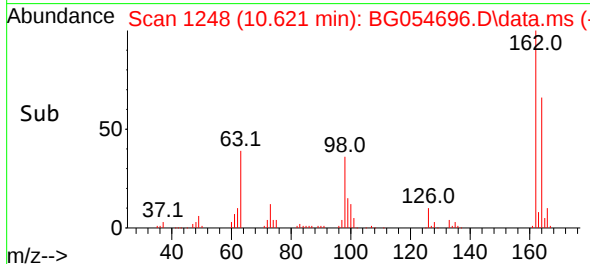
Instrument :  
BNA\_G  
ClientSampleId :  
PB147112BS



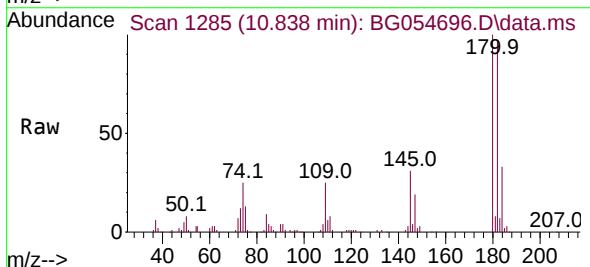
Tgt Ion:162 Resp: 16083  
Ion Ratio Lower Upper  
162 100  
164 65.7 47.2 87.2  
98 36.5 16.6 56.6

Manual Integrations  
APPROVED

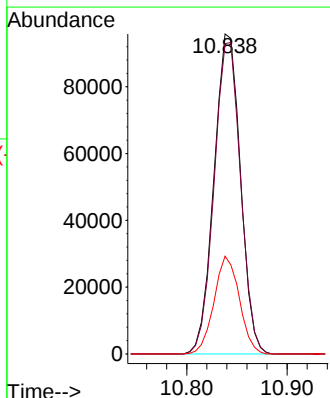
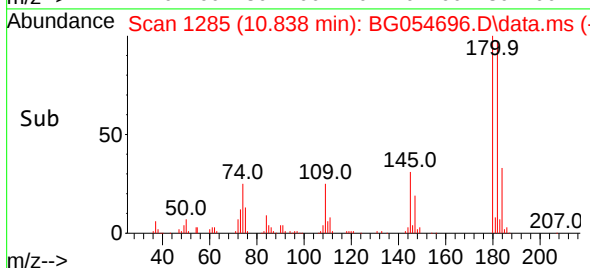
Reviewed By :Christian Giraldo 08/23/2022  
Supervised By :Jagrut Upadhyay 08/23/2022

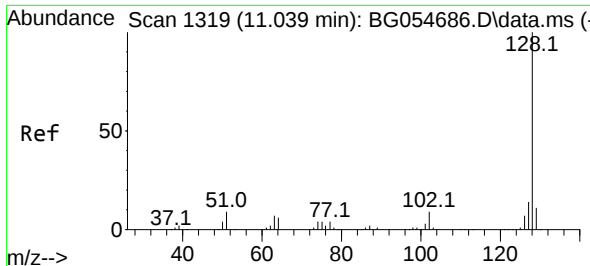


#30  
1,2,4-Trichlorobenzene  
Concen: 38.529 ng  
RT: 10.838 min Scan# 1285  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10



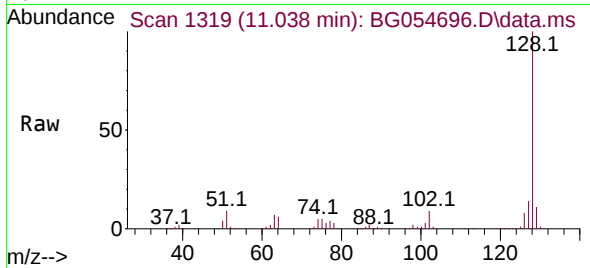
Tgt Ion:180 Resp: 175382  
Ion Ratio Lower Upper  
180 100  
182 96.9 77.0 115.6  
145 30.5 24.0 36.0





#31  
Naphthalene  
Concen: 38.583 ng  
RT: 11.038 min Scan# 1319  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10

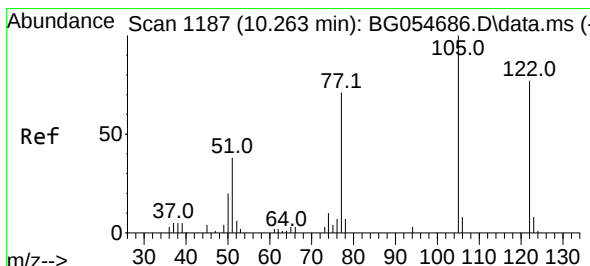
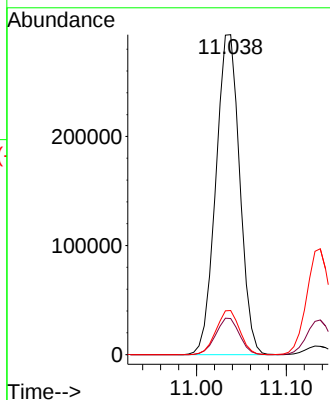
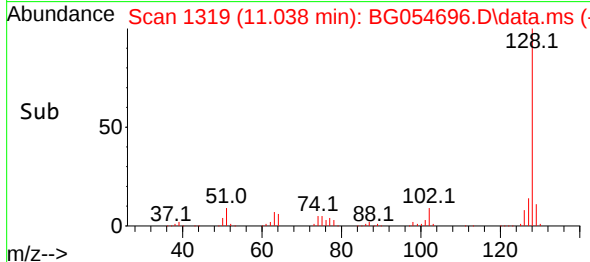
Instrument :  
BNA\_G  
ClientSampleId :  
PB147112BS



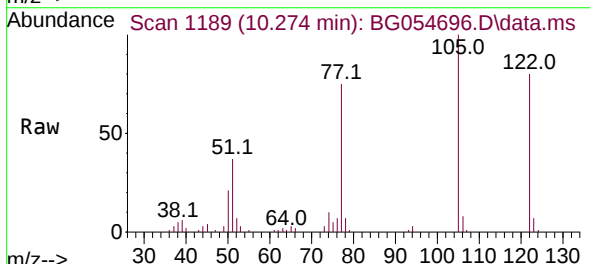
Tgt Ion:128 Resp: 541886  
Ion Ratio Lower Upper  
128 100  
129 11.3 9.0 13.4  
127 13.8 11.1 16.7

Manual Integrations  
APPROVED

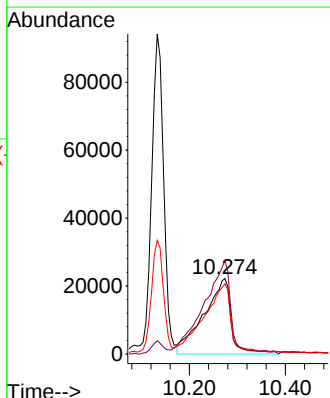
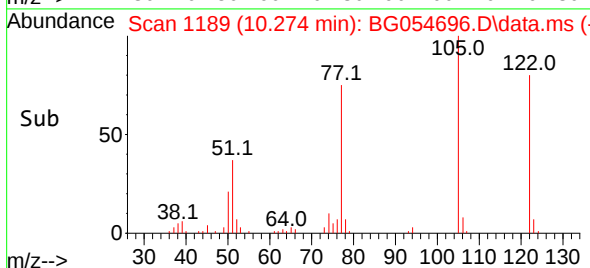
Reviewed By :Christian Giraldo 08/23/2022  
Supervised By :Jagrut Upadhyay 08/23/2022

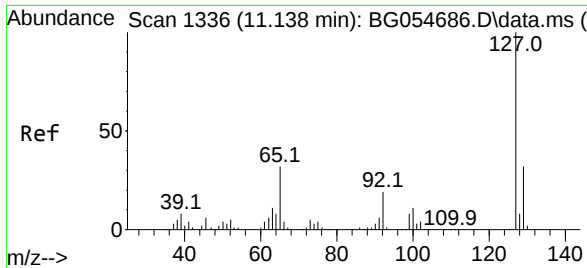


#32  
Benzoic acid  
Concen: 50.374 ng m  
RT: 10.274 min Scan# 1189  
Delta R.T. 0.011 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10



Tgt Ion:122 Resp: 88106  
Ion Ratio Lower Upper  
122 100  
105 124.2 101.5 141.5  
77 93.3 69.3 109.3





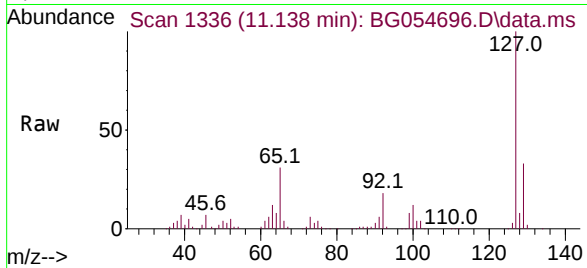
#33  
4-Chloroaniline  
Concen: 31.933 ng  
RT: 11.138 min Scan# 1336  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10

Instrument :

BNA\_G

ClientSampleId :

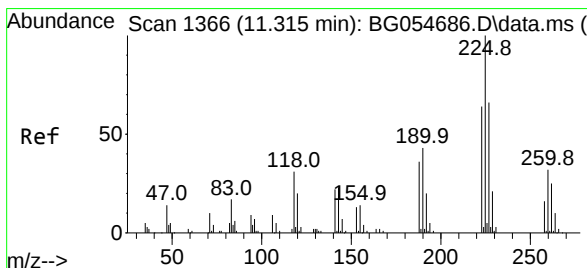
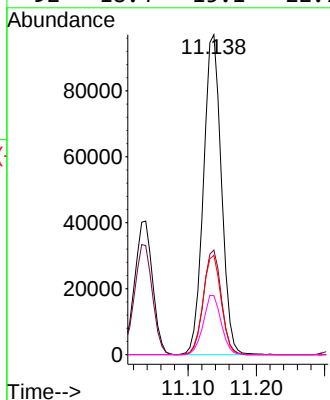
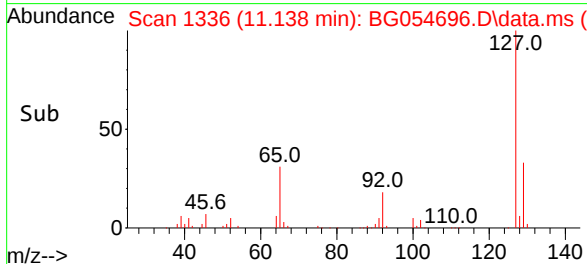
PB147112BS



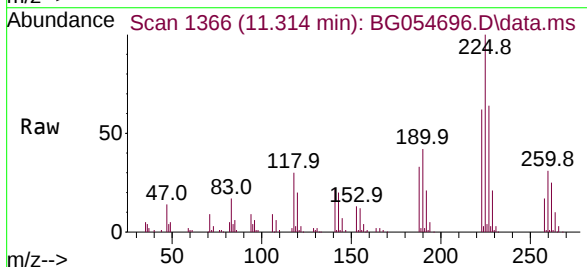
Tgt Ion:127 Resp: 177025  
Ion Ratio Lower Upper  
127 100  
129 32.7 26.0 39.0  
65 31.0 25.8 38.8  
92 18.4 15.1 22.7

Manual Integrations  
APPROVED

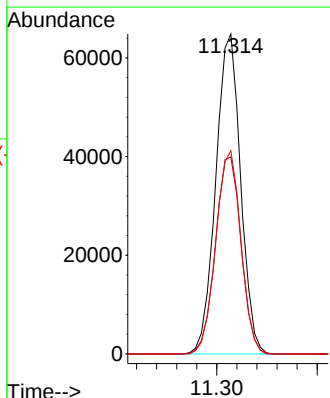
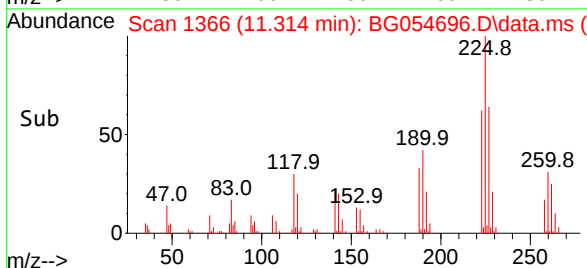
Reviewed By :Christian Giraldo 08/23/2022  
Supervised By :Jagrut Upadhyay 08/23/2022

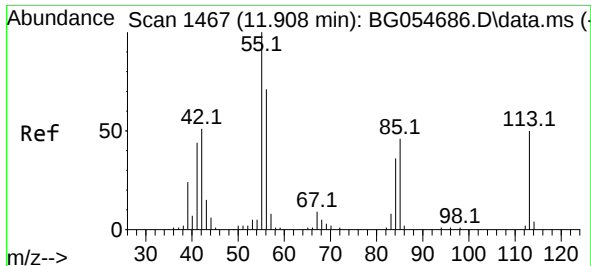


#34  
Hexachlorobutadiene  
Concen: 38.775 ng  
RT: 11.314 min Scan# 1366  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10



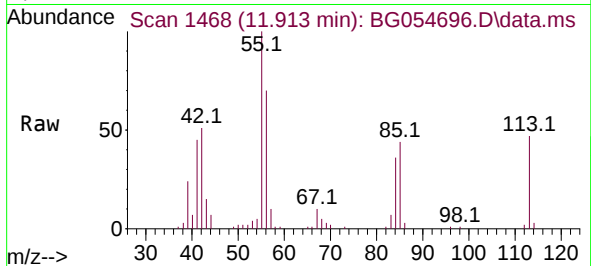
Tgt Ion:225 Resp: 111429  
Ion Ratio Lower Upper  
225 100  
223 61.5 51.4 77.0  
227 63.5 52.6 79.0





#35  
Caprolactam  
Concen: 48.065 ng m  
RT: 11.913 min Scan# 1467  
Delta R.T. 0.005 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10

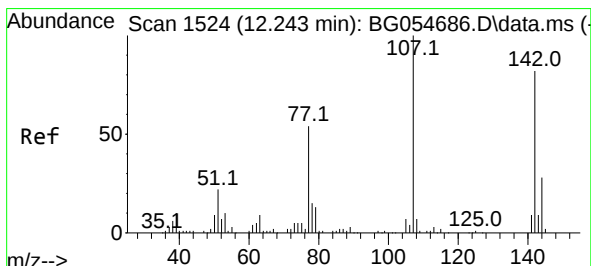
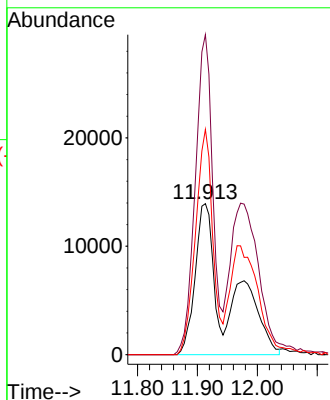
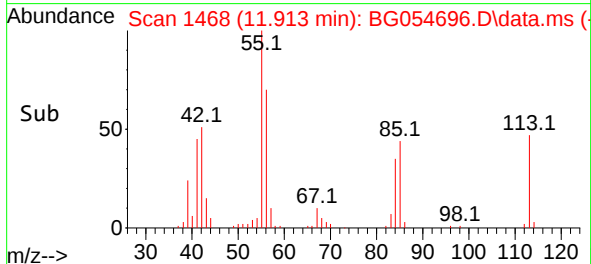
Instrument :  
BNA\_G  
ClientSampleId :  
PB147112BS



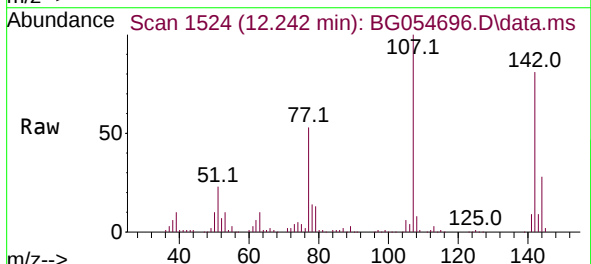
Tgt Ion:113 Resp: 51263  
Ion Ratio Lower Upper  
113 100  
55 212.0 179.1 219.1  
56 149.3 120.8 160.8

Manual Integrations  
APPROVED

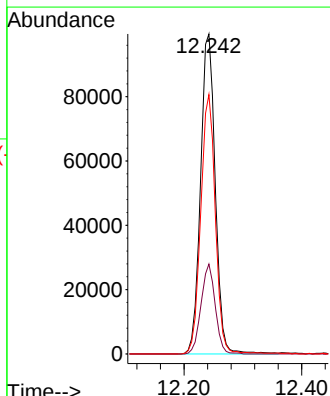
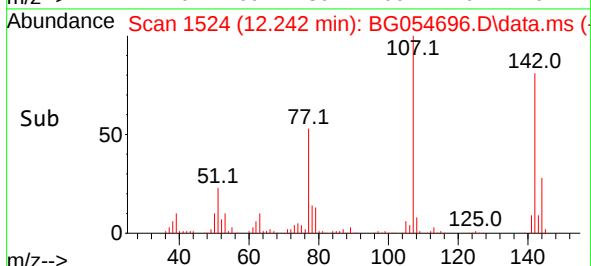
Reviewed By :Christian Giraldo 08/23/2022  
Supervised By :Jagrut Upadhyay 08/23/2022

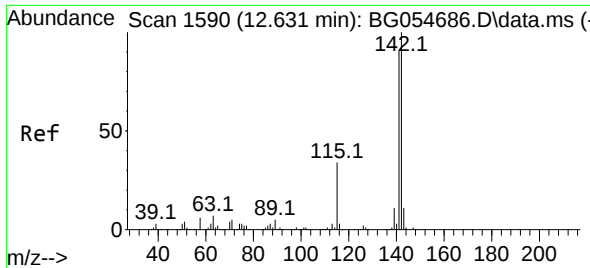


#36  
4-Chloro-3-methylphenol  
Concen: 47.584 ng  
RT: 12.242 min Scan# 1524  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10



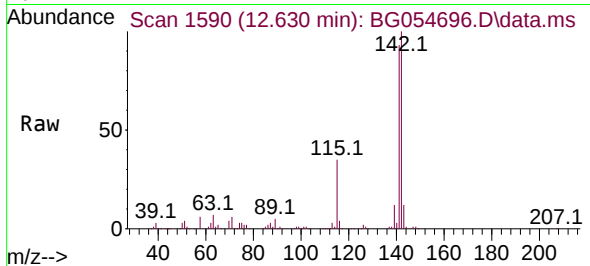
Tgt Ion:107 Resp: 172721  
Ion Ratio Lower Upper  
107 100  
144 28.1 22.4 33.6  
142 81.0 65.8 98.8





#37  
2-Methylnaphthalene  
Concen: 39.422 ng  
RT: 12.630 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10

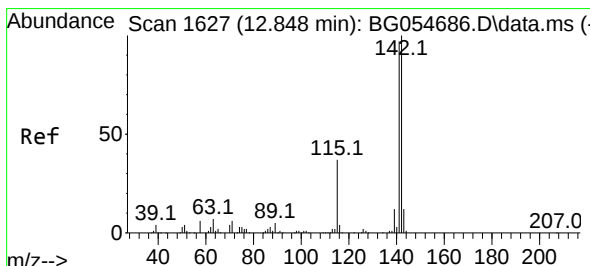
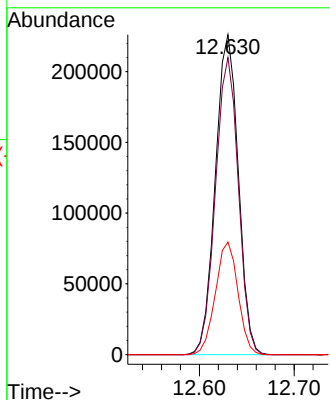
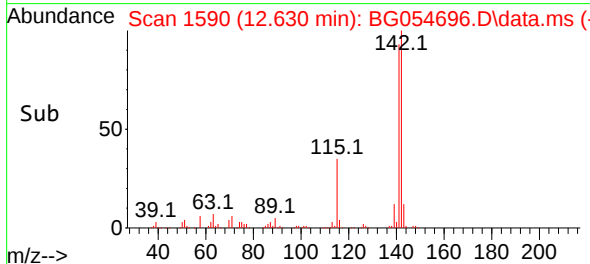
Instrument :  
BNA\_G  
ClientSampleId :  
PB147112BS



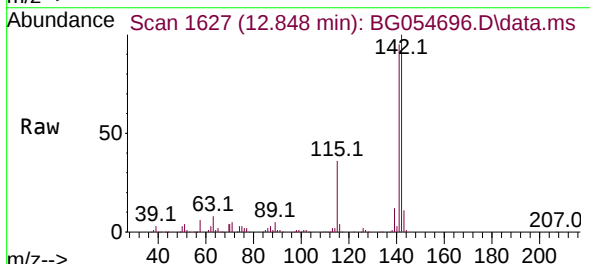
Tgt Ion:142 Resp: 380362  
Ion Ratio Lower Upper  
142 100  
141 92.8 73.0 109.4  
115 35.2 27.3 40.9

Manual Integrations  
APPROVED

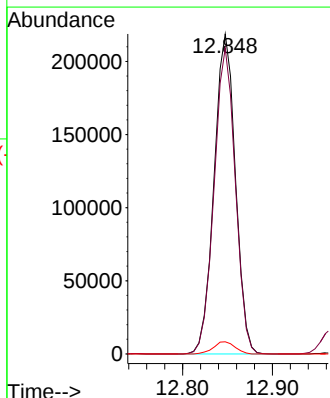
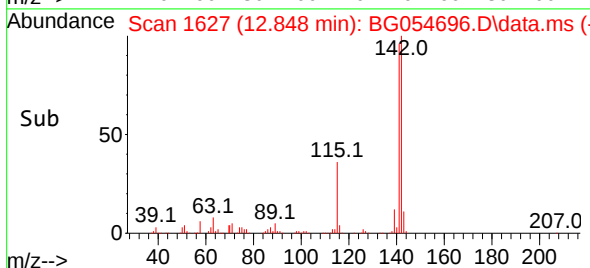
Reviewed By :Christian Giraldo 08/23/2022  
Supervised By :Jagrut Upadhyay 08/23/2022

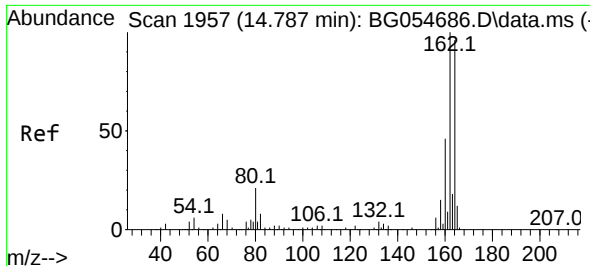


#38  
1-Methylnaphthalene  
Concen: 38.910 ng  
RT: 12.848 min Scan# 1627  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10



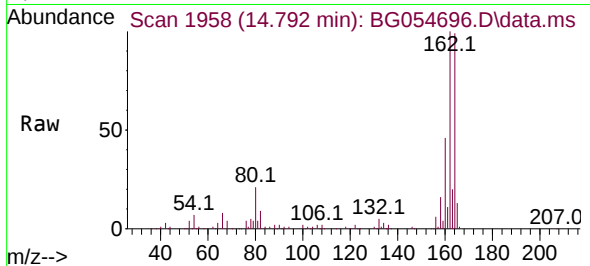
Tgt Ion:142 Resp: 363065  
Ion Ratio Lower Upper  
142 100  
141 95.5 77.4 116.0  
116 3.8 3.0 4.4





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.792 min Scan# 1957  
Delta R.T. 0.005 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10

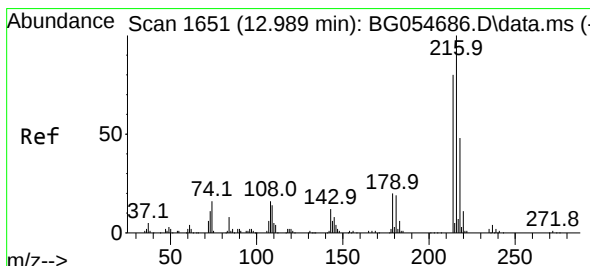
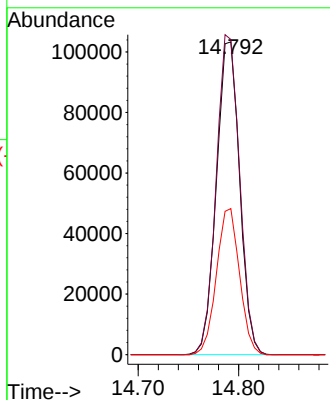
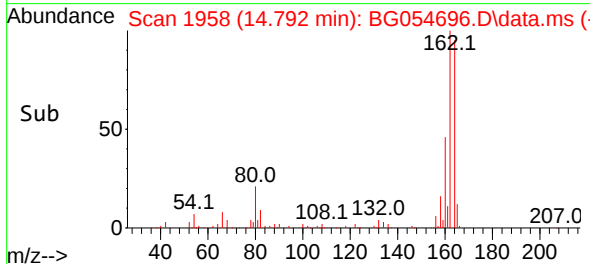
Instrument :  
BNA\_G  
ClientSampleId :  
PB147112BS



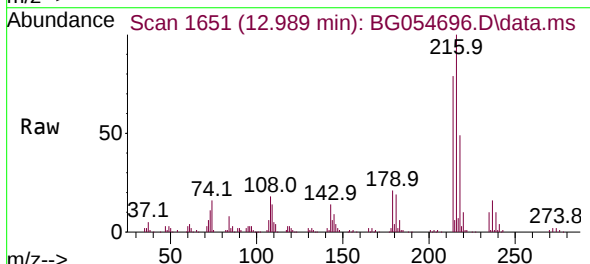
Tgt Ion:164 Resp: 166383  
Ion Ratio Lower Upper  
164 100  
162 100.8 83.0 124.4  
160 46.7 38.0 57.0

Manual Integrations  
APPROVED

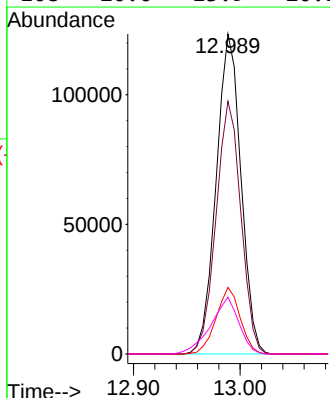
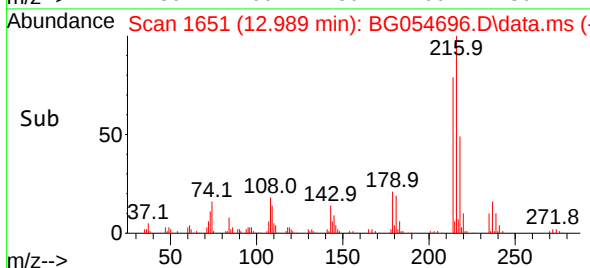
Reviewed By :Christian Giraldo 08/23/2022  
Supervised By :Jagrut Upadhyay 08/23/2022

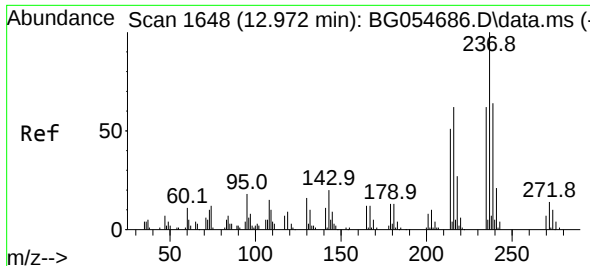


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 38.782 ng  
RT: 12.989 min Scan# 1651  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10



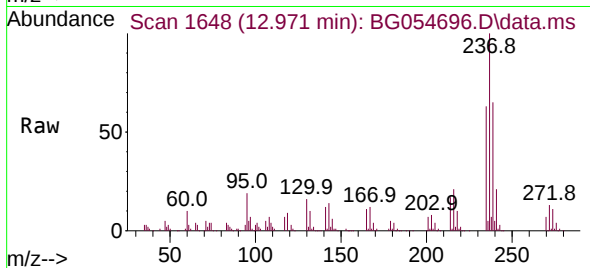
Tgt Ion:216 Resp: 199218  
Ion Ratio Lower Upper  
216 100  
214 79.1 63.2 94.8  
179 20.2 16.5 24.7  
108 20.0 13.9 20.9





#41  
Hexachlorocyclopentadiene  
Concen: 109.307 ng  
RT: 12.971 min Scan# 1648  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10

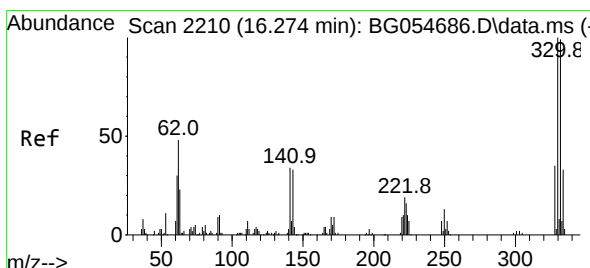
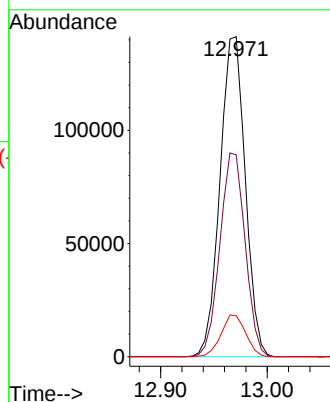
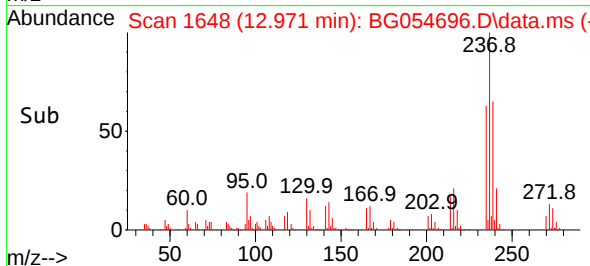
Instrument :  
BNA\_G  
ClientSampleId :  
PB147112BS



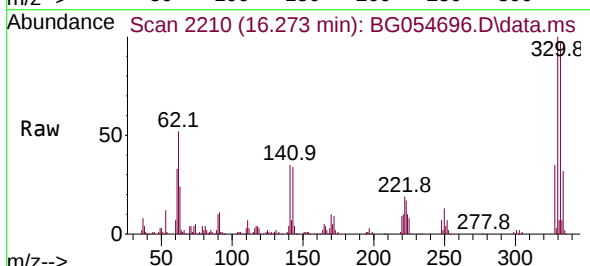
Tgt Ion:237 Resp: 233388  
Ion Ratio Lower Upper  
237 100  
235 63.1 42.2 82.2  
272 12.8 0.0 34.0

Manual Integrations  
APPROVED

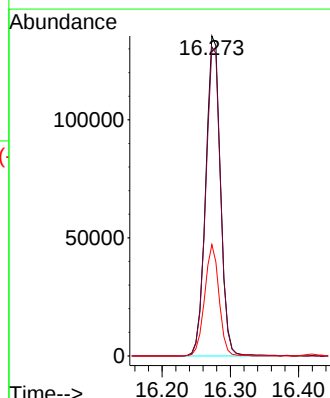
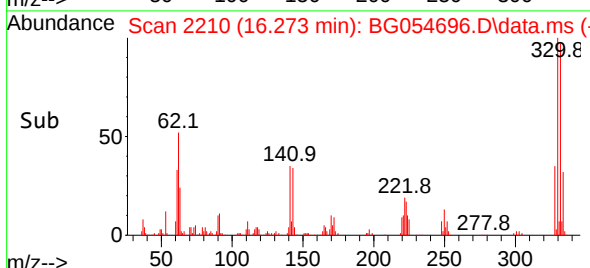
Reviewed By :Christian Giraldo 08/23/2022  
Supervised By :Jagrut Upadhyay 08/23/2022

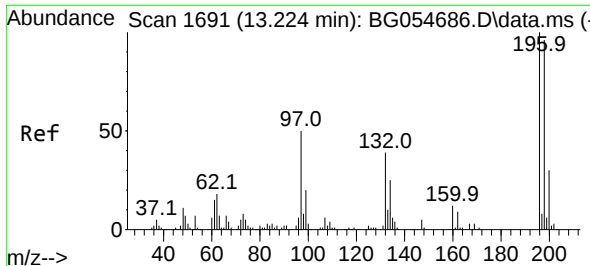


#42  
2,4,6-Tribromophenol  
Concen: 152.421 ng  
RT: 16.273 min Scan# 2210  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10



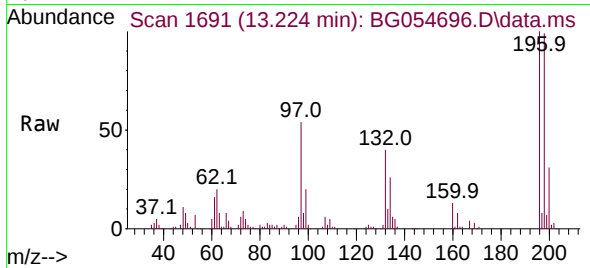
Tgt Ion:330 Resp: 203096  
Ion Ratio Lower Upper  
330 100  
332 97.0 79.8 119.6  
141 33.8 26.8 40.2





#43  
2,4,6-Trichlorophenol  
Concen: 47.331 ng  
RT: 13.224 min Scan# 1691  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10

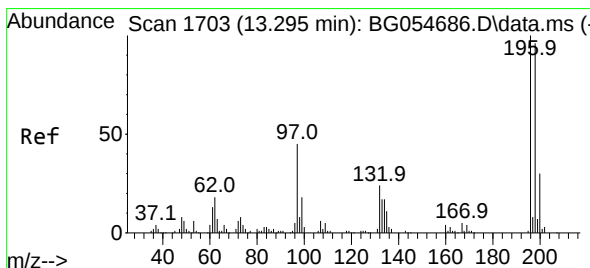
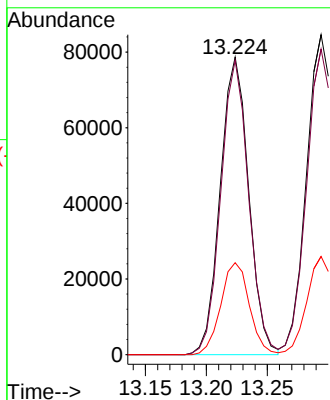
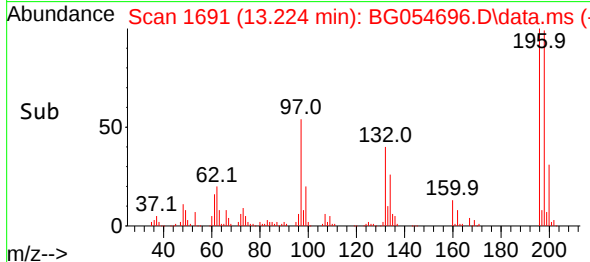
Instrument :  
BNA\_G  
ClientSampleId :  
PB147112BS



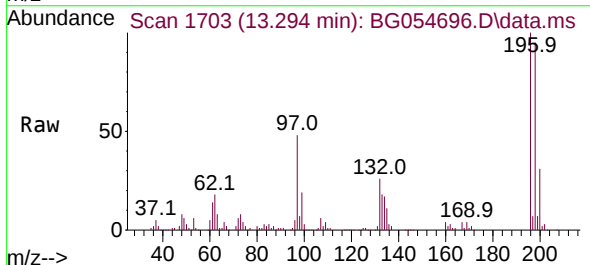
Tgt Ion:196 Resp: 127732  
Ion Ratio Lower Upper  
196 100  
198 98.9 77.1 115.7  
200 30.9 24.2 36.4

Manual Integrations  
APPROVED

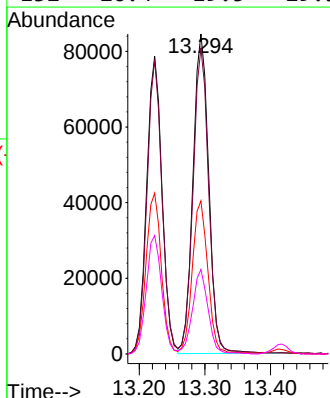
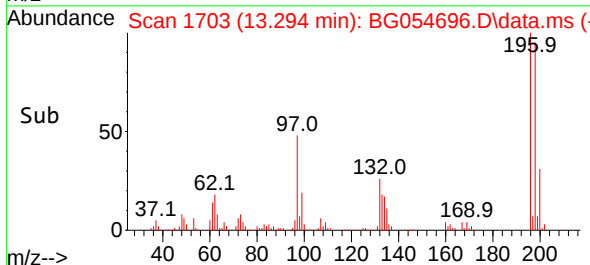
Reviewed By :Christian Giraldo 08/23/2022  
Supervised By :Jagrut Upadhyay 08/23/2022

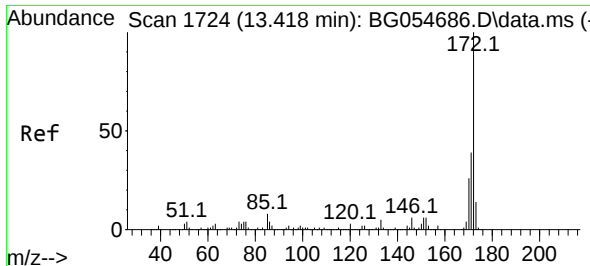


#44  
2,4,5-Trichlorophenol  
Concen: 46.036 ng  
RT: 13.294 min Scan# 1703  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10



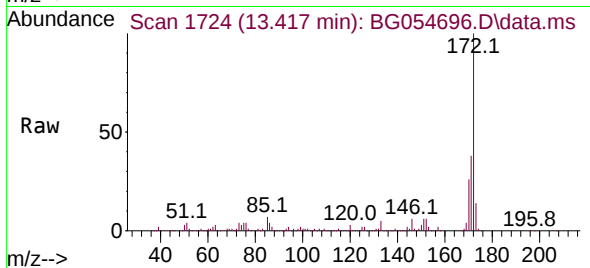
Tgt Ion:196 Resp: 140609  
Ion Ratio Lower Upper  
196 100  
198 95.5 76.7 115.1  
97 47.8 36.6 55.0  
132 26.4 19.5 29.3





#45  
2-Fluorobiphenyl  
Concen: 74.077 ng  
RT: 13.417 min Scan# 1724  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10

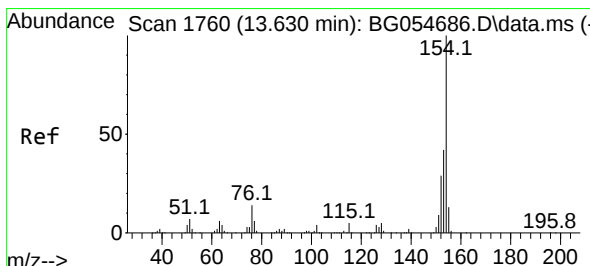
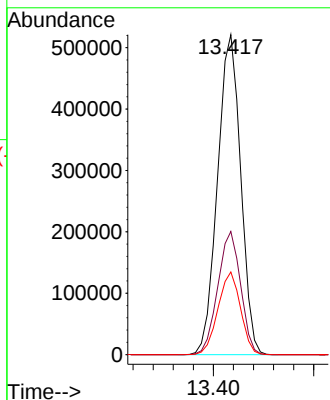
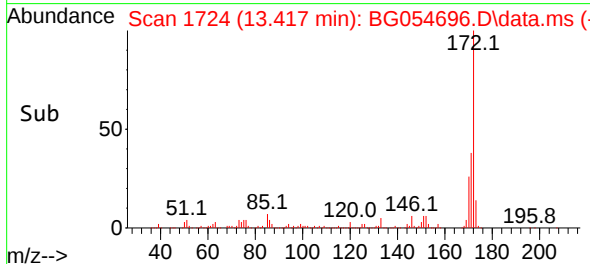
Instrument :  
BNA\_G  
ClientSampleId :  
PB147112BS



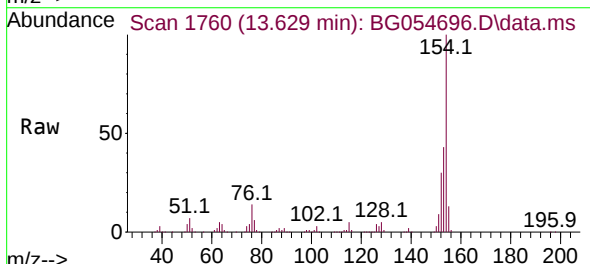
Tgt Ion:172 Resp: 835775  
Ion Ratio Lower Upper  
172 100  
171 38.5 31.2 46.8  
170 25.8 20.6 30.8

Manual Integrations  
APPROVED

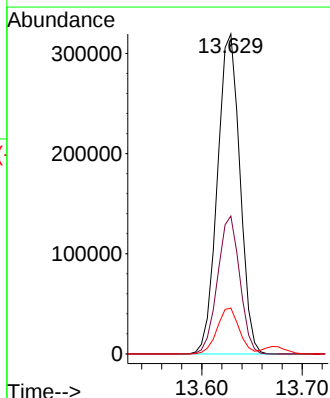
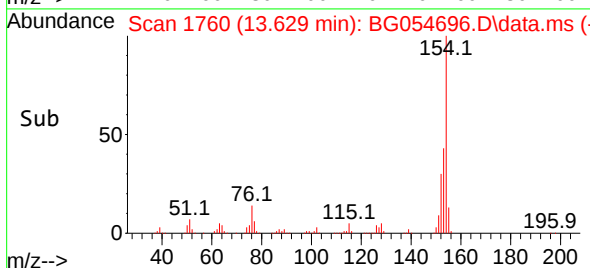
Reviewed By :Christian Giraldo 08/23/2022  
Supervised By :Jagrut Upadhyay 08/23/2022

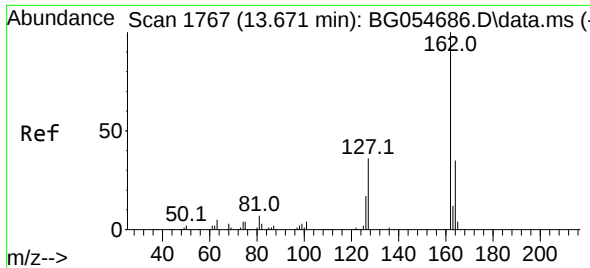


#46  
1,1'-Biphenyl  
Concen: 39.609 ng  
RT: 13.629 min Scan# 1760  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10



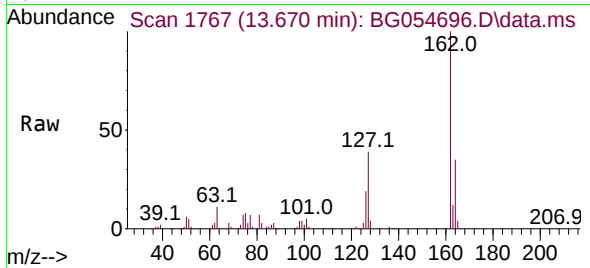
Tgt Ion:154 Resp: 498666  
Ion Ratio Lower Upper  
154 100  
153 43.1 22.2 62.2  
76 14.3 0.0 34.0





#47  
2-Chloronaphthalene  
Concen: 38.521 ng  
RT: 13.670 min Scan# 1767  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10

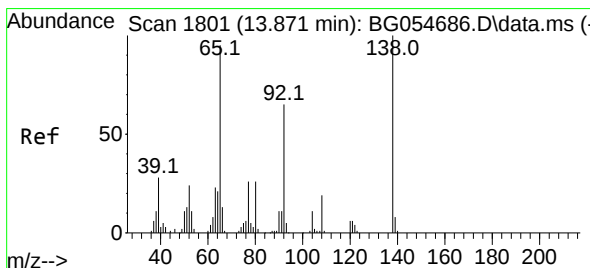
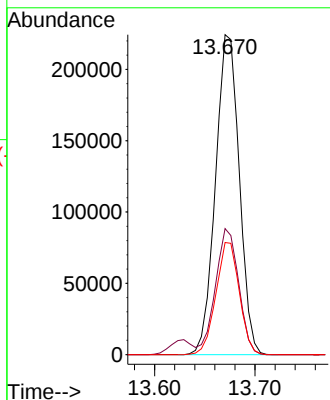
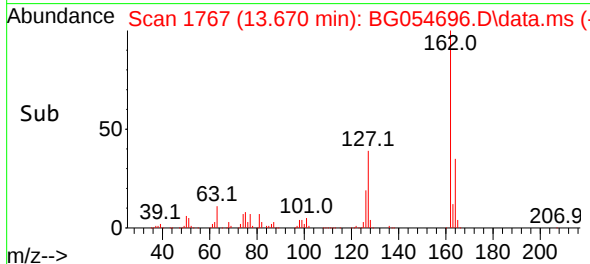
Instrument :  
BNA\_G  
ClientSampleId :  
PB147112BS



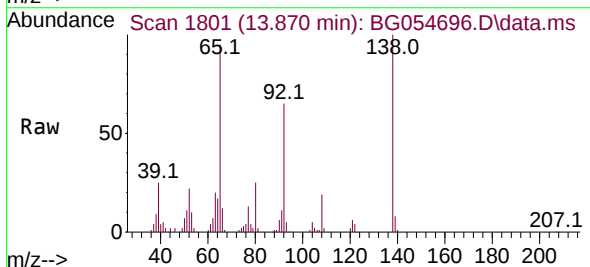
Tgt Ion:162 Resp: 36995  
Ion Ratio Lower Upper  
162 100  
127 39.4 31.5 47.3  
164 35.0 27.8 41.6

Manual Integrations  
APPROVED

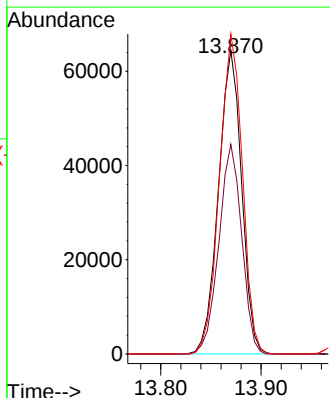
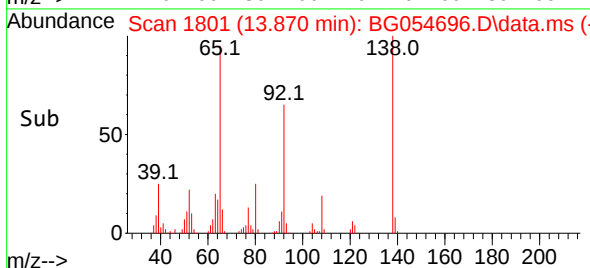
Reviewed By :Christian Giraldo 08/23/2022  
Supervised By :Jagrut Upadhyay 08/23/2022

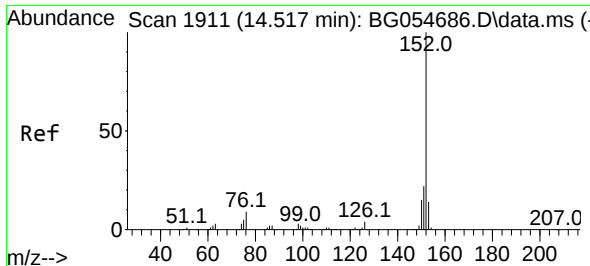


#48  
2-Nitroaniline  
Concen: 43.833 ng  
RT: 13.870 min Scan# 1801  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10



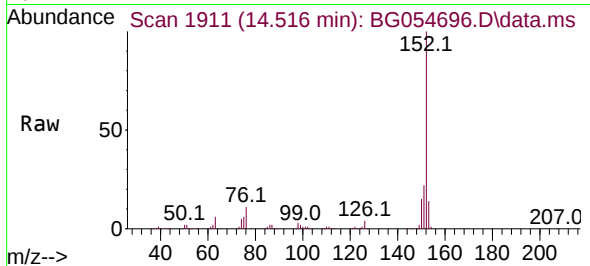
Tgt Ion: 65 Resp: 103213  
Ion Ratio Lower Upper  
65 100  
92 69.1 54.7 82.1  
138 105.5 84.1 126.1





#49  
Acenaphthylene  
Concen: 39.072 ng  
RT: 14.516 min Scan# 1911  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10

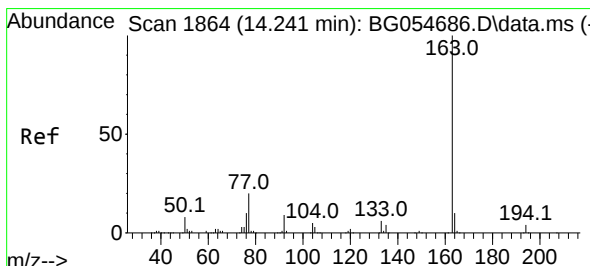
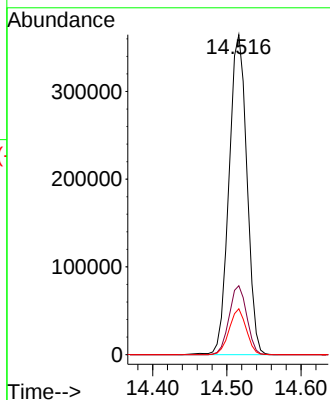
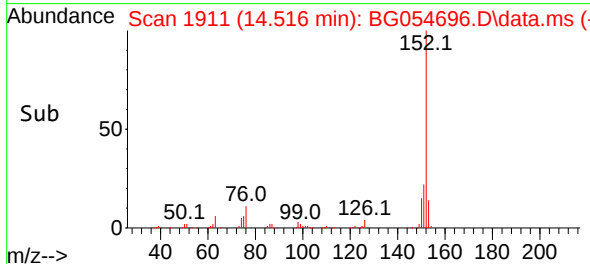
Instrument :  
BNA\_G  
ClientSampleId :  
PB147112BS



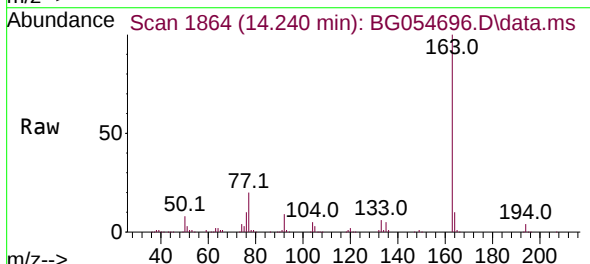
Tgt Ion:152 Resp: 609923  
Ion Ratio Lower Upper  
152 100  
151 21.5 17.3 25.9  
153 14.3 10.8 16.2

Manual Integrations  
APPROVED

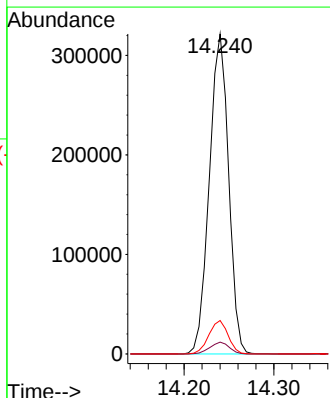
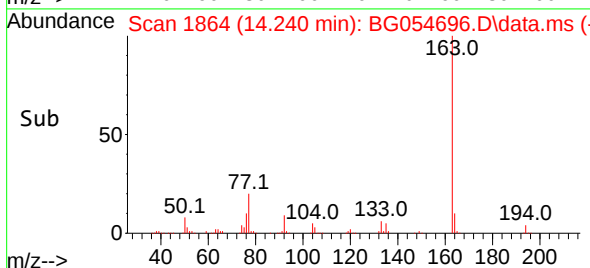
Reviewed By :Christian Giraldo 08/23/2022  
Supervised By :Jagrut Upadhyay 08/23/2022

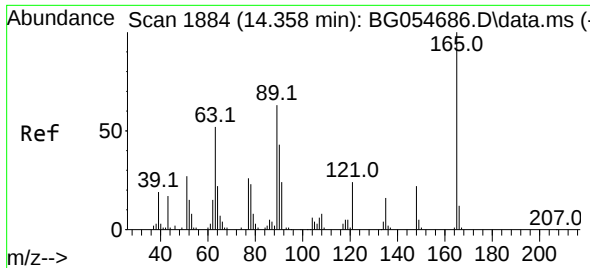


#50  
Dimethylphthalate  
Concen: 42.724 ng  
RT: 14.240 min Scan# 1864  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10



Tgt Ion:163 Resp: 478673  
Ion Ratio Lower Upper  
163 100  
194 3.7 3.0 4.4  
164 10.4 8.0 12.0





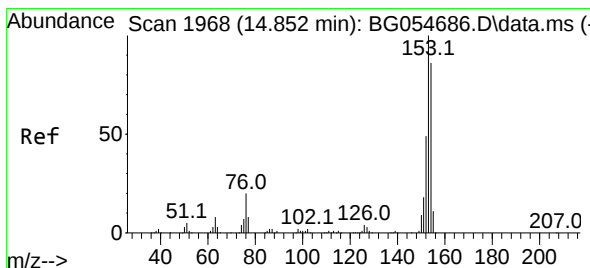
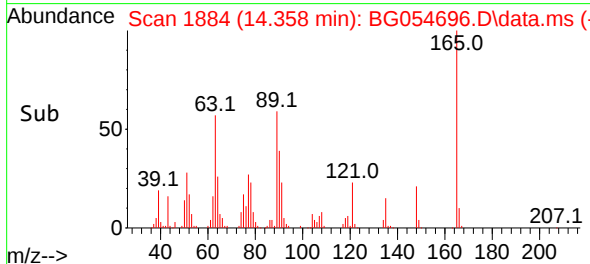
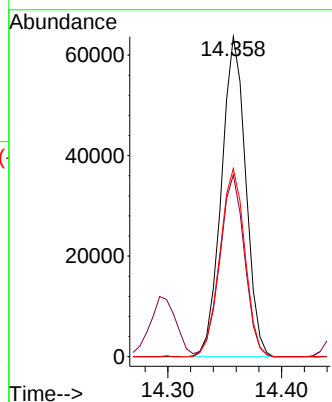
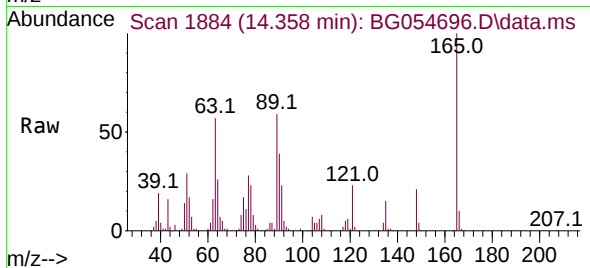
#51  
2,6-Dinitrotoluene  
Concen: 46.346 ng  
RT: 14.358 min Scan# 1884  
Delta R.T. -0.000 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10

Instrument :  
BNA\_G  
ClientSampleId :  
PB147112BS

Tgt Ion:165 Resp: 94439  
Ion Ratio Lower Upper  
165 100  
63 56.8 46.0 69.0  
89 58.8 50.3 75.5

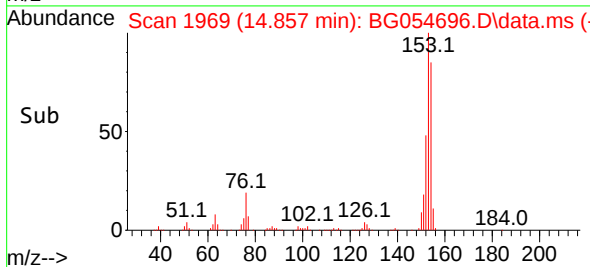
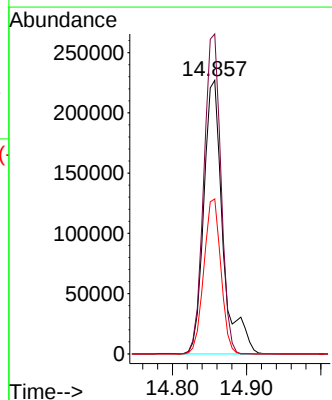
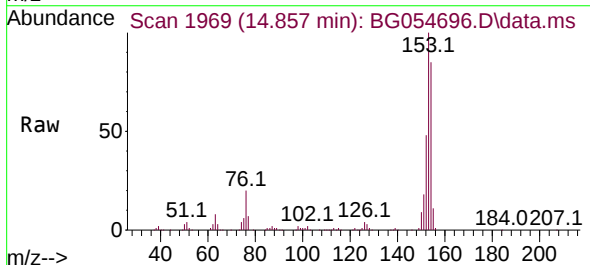
Manual Integrations  
APPROVED

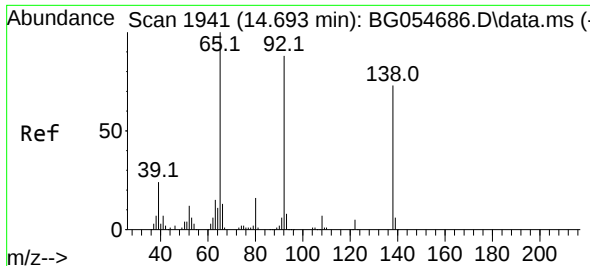
Reviewed By :Christian Giraldo 08/23/2022  
Supervised By :Jagrut Upadhyay 08/23/2022



#52  
Acenaphthene  
Concen: 42.219 ng  
RT: 14.857 min Scan# 1969  
Delta R.T. 0.005 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10

Tgt Ion:154 Resp: 404063  
Ion Ratio Lower Upper  
154 100  
153 117.0 92.8 139.2  
152 56.7 45.4 68.2





#53  
3-Nitroaniline  
Concen: 38.539 ng  
RT: 14.692 min Scan# 1941  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10

Instrument :

BNA\_G

ClientSampleId :

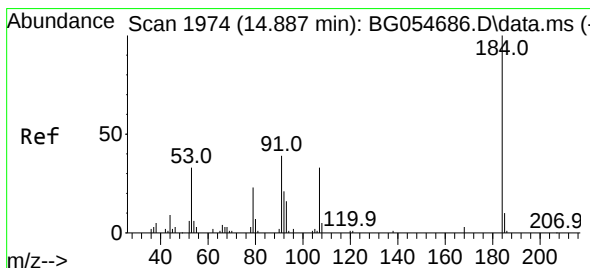
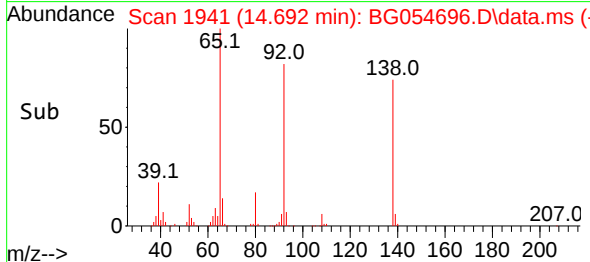
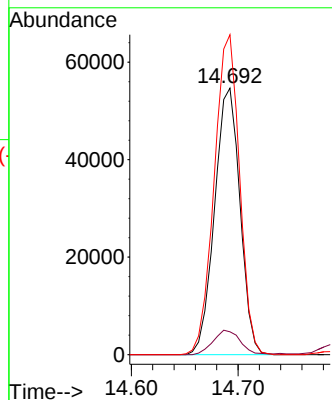
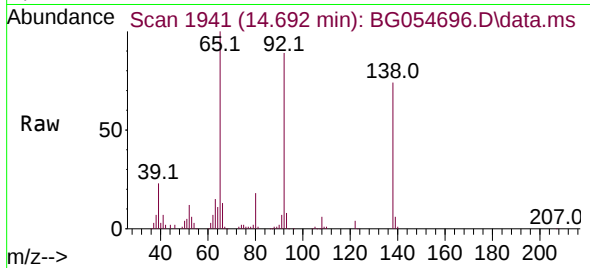
PB147112BS

Tgt Ion:138 Resp: 90559  
Ion Ratio Lower Upper  
138 100  
108 8.6 7.6 11.4  
92 120.1 96.0 144.0

Manual Integrations

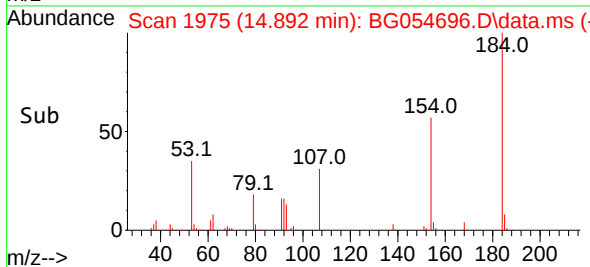
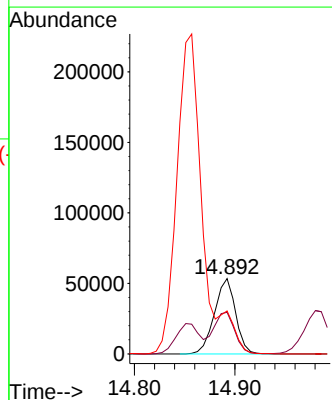
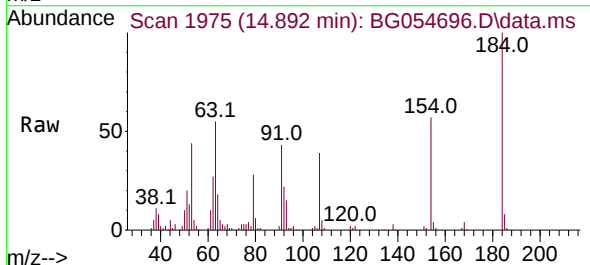
APPROVED

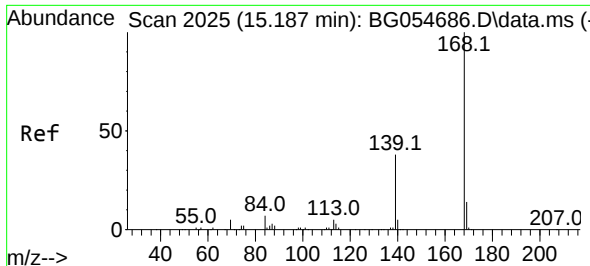
Reviewed By :Christian Giraldo 08/23/2022  
Supervised By :Jagrut Upadhyay 08/23/2022



#54  
2,4-Dinitrophenol  
Concen: 107.310 ng  
RT: 14.892 min Scan# 1975  
Delta R.T. 0.005 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10

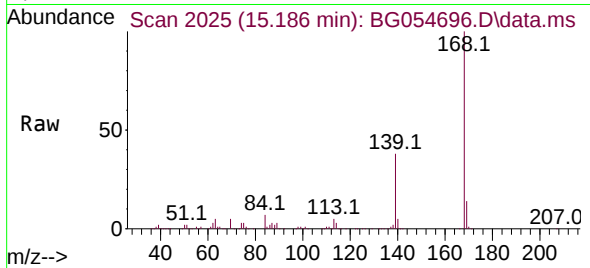
Tgt Ion:184 Resp: 77989  
Ion Ratio Lower Upper  
184 100  
63 55.1 41.8 62.8  
154 57.0 45.2 67.8





#55  
Dibenzofuran  
Concen: 38.957 ng  
RT: 15.186 min Scan# 20  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10

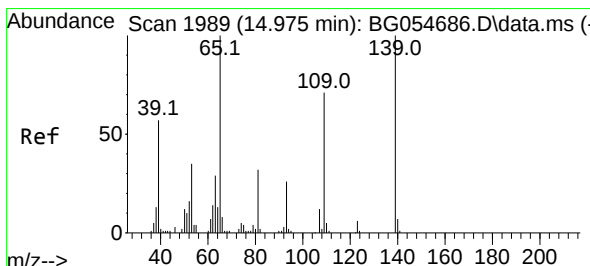
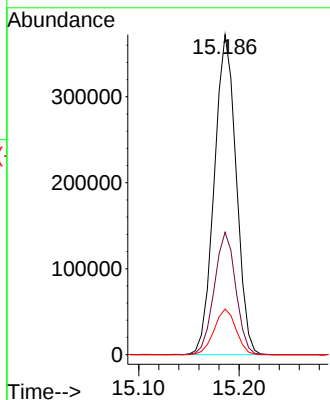
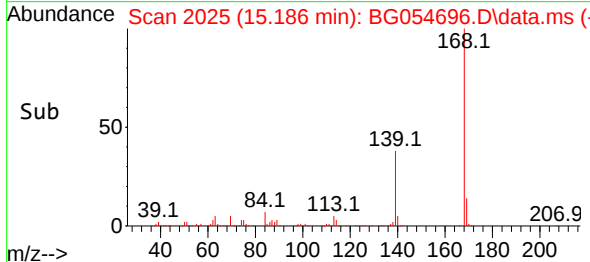
Instrument :  
BNA\_G  
ClientSampleId :  
PB147112BS



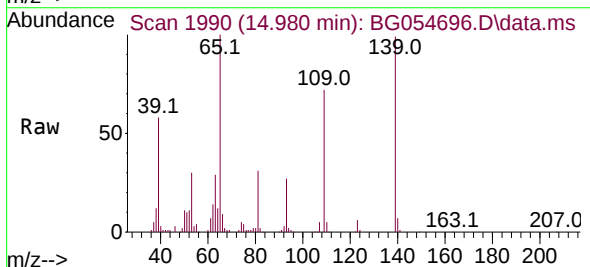
Tgt Ion:168 Resp: 565032  
Ion Ratio Lower Upper  
168 100  
139 38.2 30.2 45.2  
169 14.2 11.3 16.9

Manual Integrations  
APPROVED

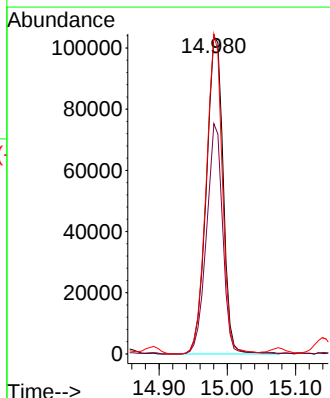
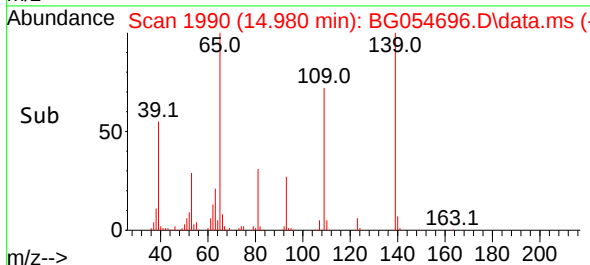
Reviewed By :Christian Giraldo 08/23/2022  
Supervised By :Jagrut Upadhyay 08/23/2022

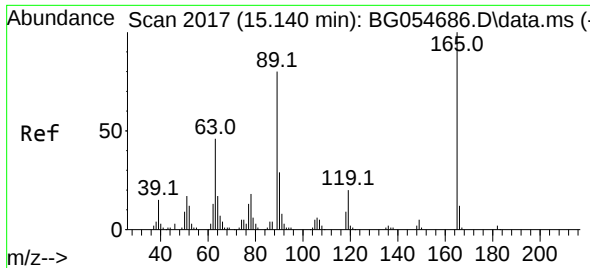


#56  
4-Nitrophenol  
Concen: 101.344 ng  
RT: 14.980 min Scan# 1990  
Delta R.T. 0.005 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10



Tgt Ion:139 Resp: 177004  
Ion Ratio Lower Upper  
139 100  
109 72.5 50.5 90.5  
65 100.7 79.9 119.9





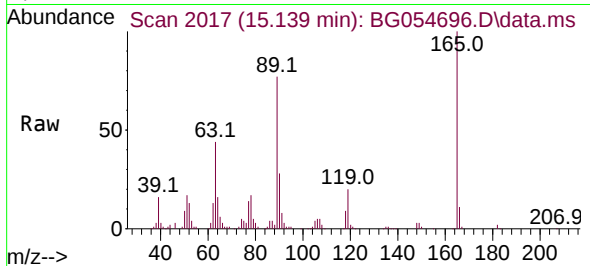
#57  
2,4-Dinitrotoluene  
Concen: 42.981 ng  
RT: 15.139 min Scan# 2017  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10

Instrument :

BNA\_G

ClientSampleId :

PB147112BS

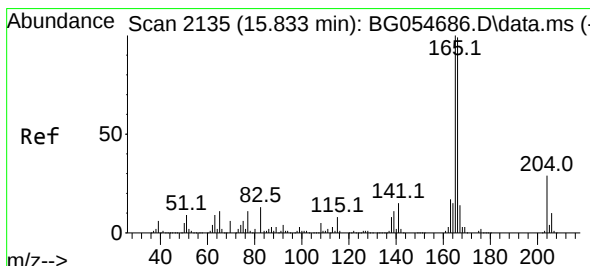
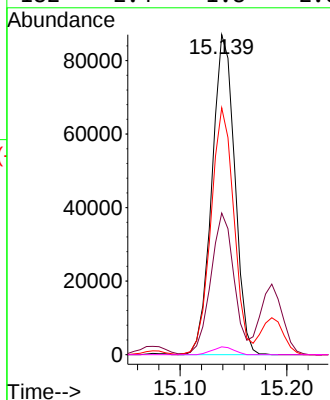
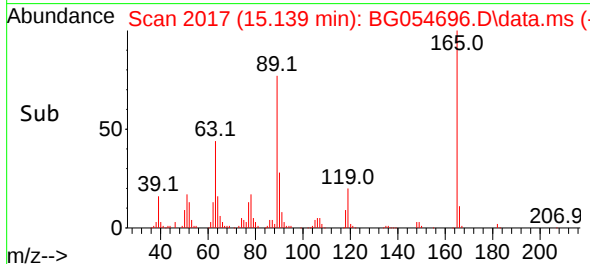


Tgt Ion:165 Resp: 129400  
Ion Ratio Lower Upper  
165 100  
63 44.2 36.8 55.2  
89 77.1 64.3 96.5  
182 2.4 1.8 2.6

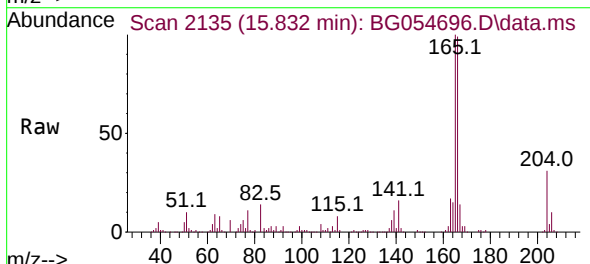
Manual Integrations

APPROVED

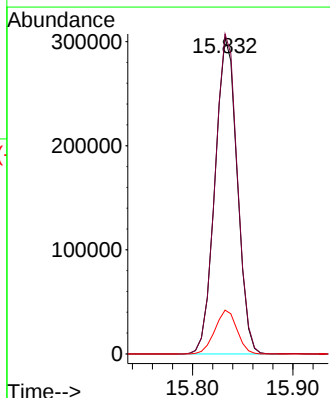
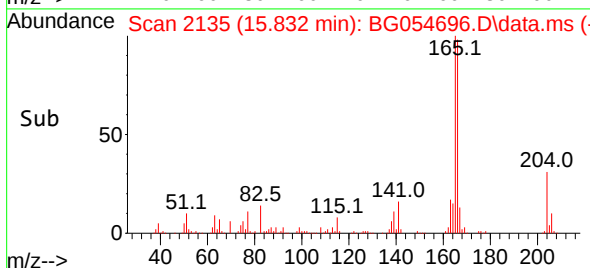
Reviewed By :Christian Giraldo 08/23/2022  
Supervised By :Jagrut Upadhyay 08/23/2022

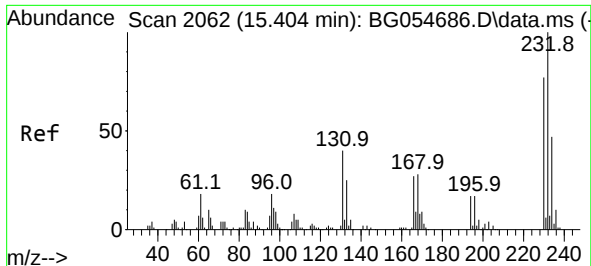


#58  
Fluorene  
Concen: 38.992 ng  
RT: 15.832 min Scan# 2135  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10



Tgt Ion:166 Resp: 467520  
Ion Ratio Lower Upper  
166 100  
165 101.0 80.8 121.2  
167 13.8 11.4 17.0





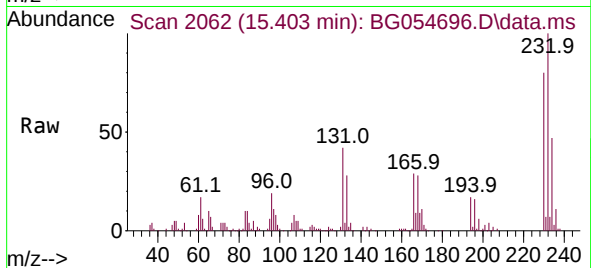
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 47.172 ng  
RT: 15.403 min Scan# 2062  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10

Instrument :

BNA\_G

ClientSampleId :

PB147112BS

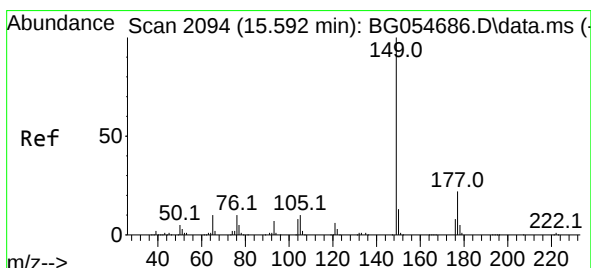
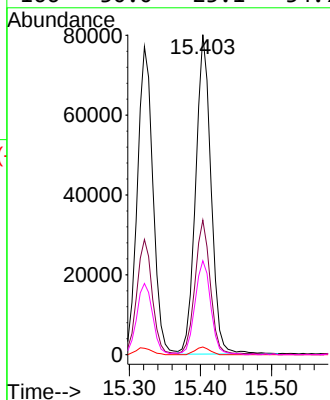
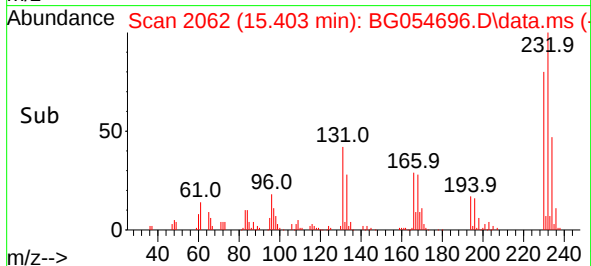


Tgt Ion:232 Resp: 11995  
Ion Ratio Lower Upper  
232 100  
131 41.2 31.3 46.9  
130 2.2 1.8 2.6  
166 30.0 23.1 34.7

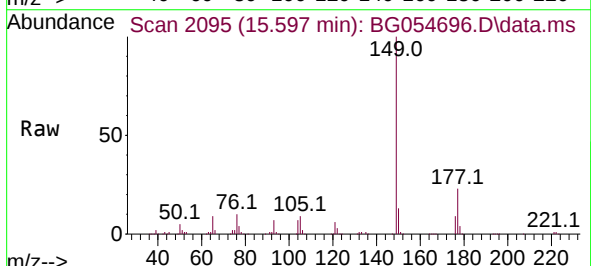
Manual Integrations

APPROVED

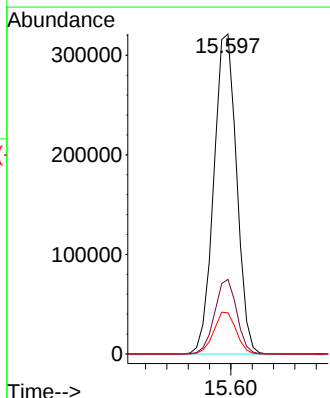
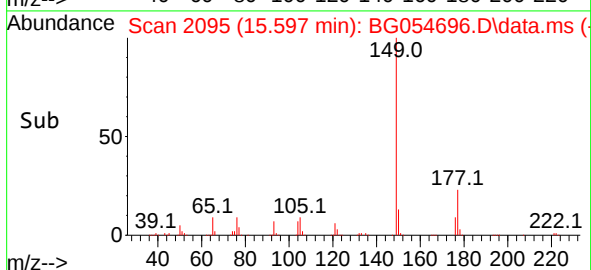
Reviewed By :Christian Giraldo 08/23/2022  
Supervised By :Jagrut Upadhyay 08/23/2022

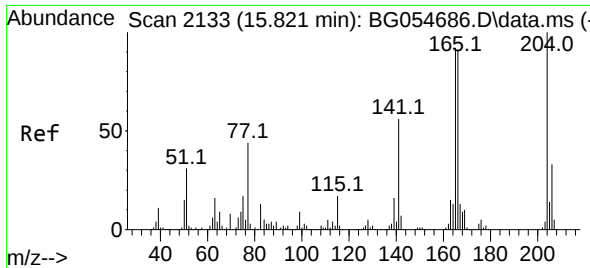


#60  
Diethylphthalate  
Concen: 43.739 ng  
RT: 15.597 min Scan# 2095  
Delta R.T. 0.005 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10



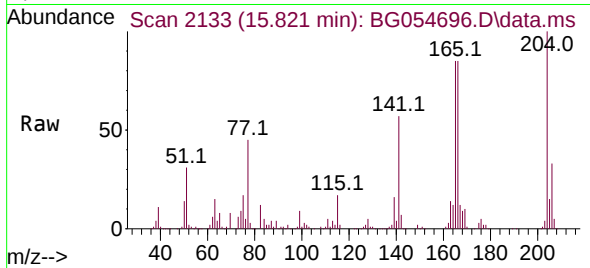
Tgt Ion:149 Resp: 478012  
Ion Ratio Lower Upper  
149 100  
177 23.3 17.8 26.6  
150 12.8 10.1 15.1





#61  
4-Chlorophenyl-phenylether  
Concen: 40.090 ng  
RT: 15.821 min Scan# 2133  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10

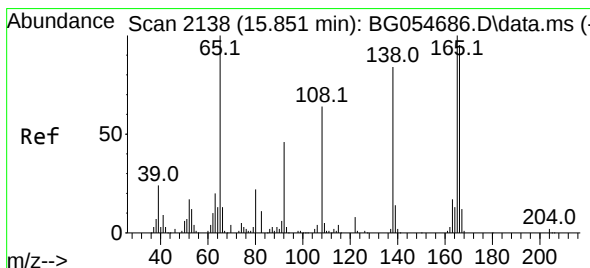
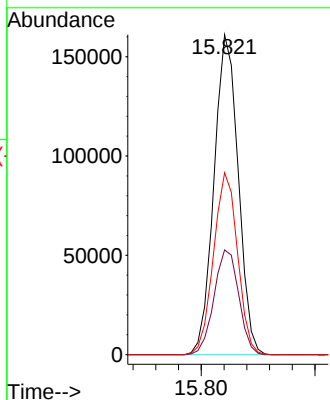
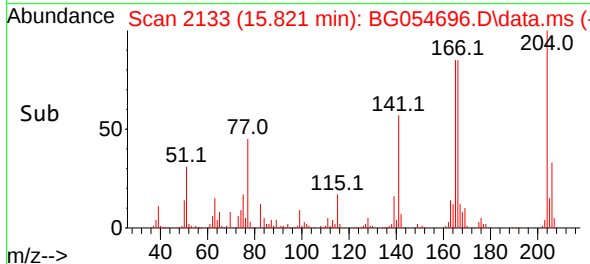
Instrument :  
BNA\_G  
ClientSampleId :  
PB147112BS



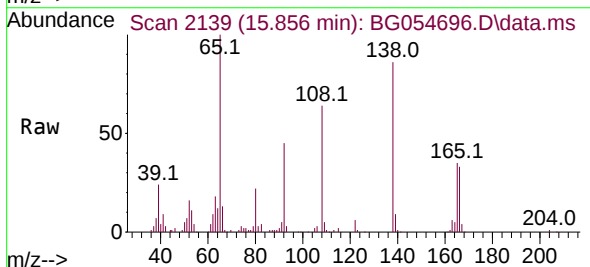
Tgt Ion:204 Resp: 238033  
Ion Ratio Lower Upper  
204 100  
206 32.7 26.6 39.8  
141 56.8 44.9 67.3

Manual Integrations  
APPROVED

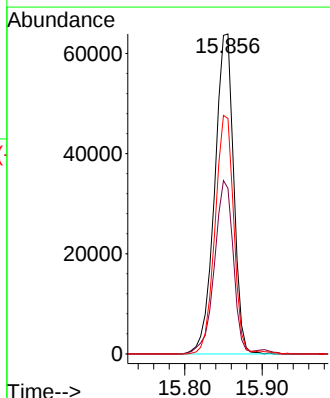
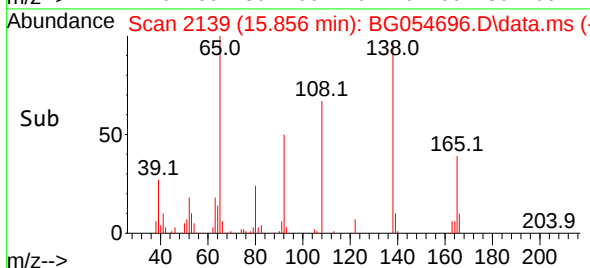
Reviewed By :Christian Giraldo 08/23/2022  
Supervised By :Jagrut Upadhyay 08/23/2022

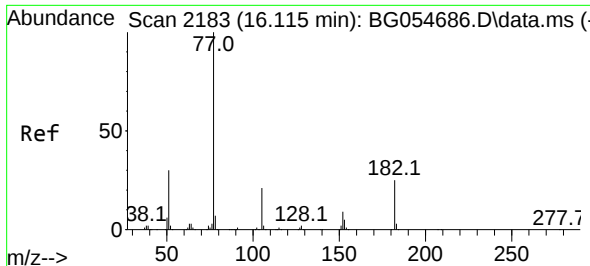


#62  
4-Nitroaniline  
Concen: 42.648 ng  
RT: 15.856 min Scan# 2139  
Delta R.T. 0.005 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10



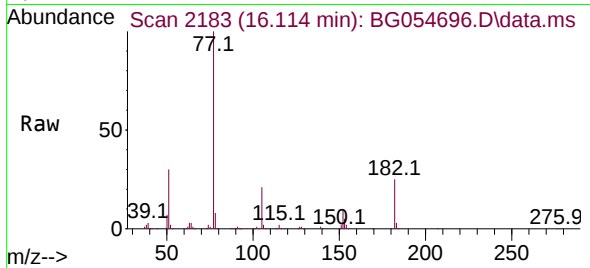
Tgt Ion:138 Resp: 109210  
Ion Ratio Lower Upper  
138 100  
92 51.8 34.7 74.7  
108 73.6 56.2 96.2





#63  
Azobenzene  
Concen: 39.009 ng  
RT: 16.114 min Scan# 2183  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10

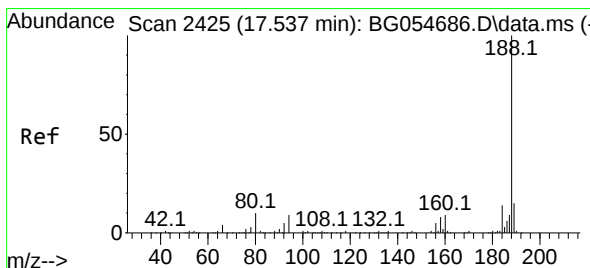
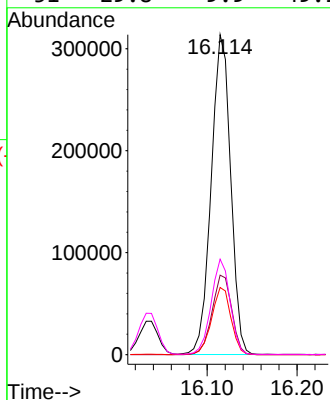
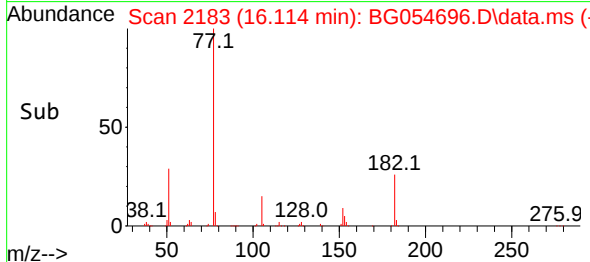
Instrument :  
BNA\_G  
ClientSampleId :  
PB147112BS



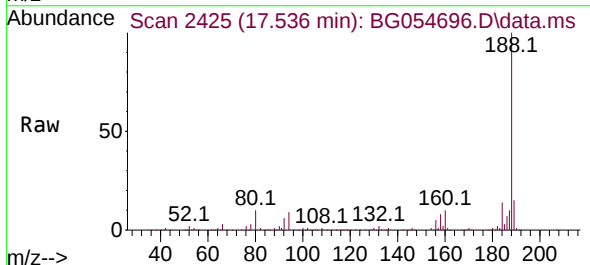
Tgt Ion: 77 Resp: 47347  
Ion Ratio Lower Upper  
77 100  
182 24.8 5.1 45.1  
105 21.0 0.7 40.7  
51 29.8 9.9 49.9

Manual Integrations  
APPROVED

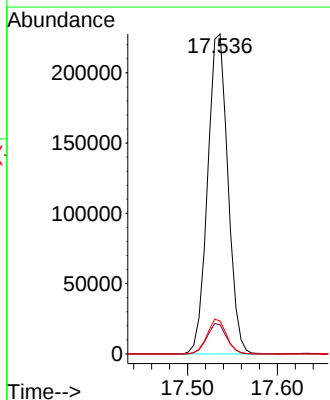
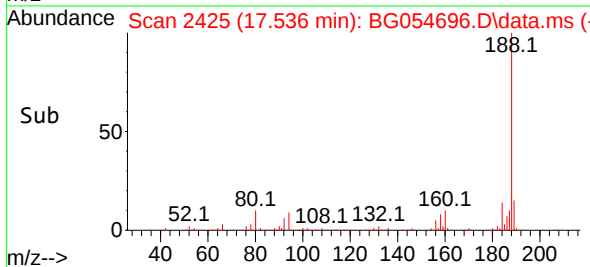
Reviewed By :Christian Giraldo 08/23/2022  
Supervised By :Jagrut Upadhyay 08/23/2022

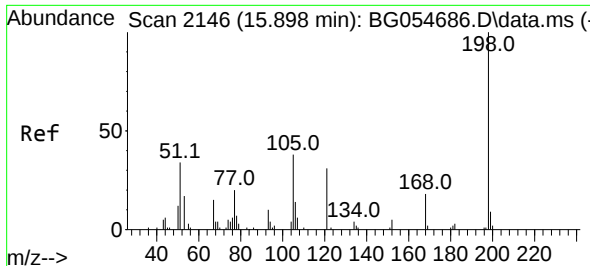


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.536 min Scan# 2425  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10



Tgt Ion:188 Resp: 357084  
Ion Ratio Lower Upper  
188 100  
94 9.1 7.0 10.4  
80 10.2 7.9 11.9





#65  
4,6-Dinitro-2-methylphenol  
Concen: 47.397 ng  
RT: 15.903 min Scan# 2146  
Delta R.T. 0.005 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10

Instrument :

BNA\_G

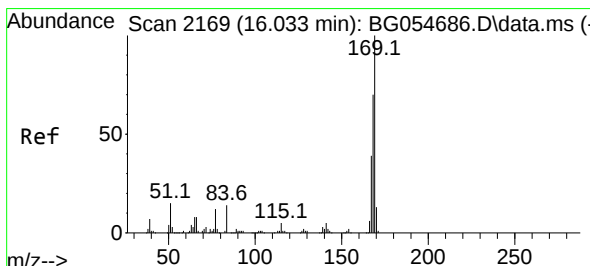
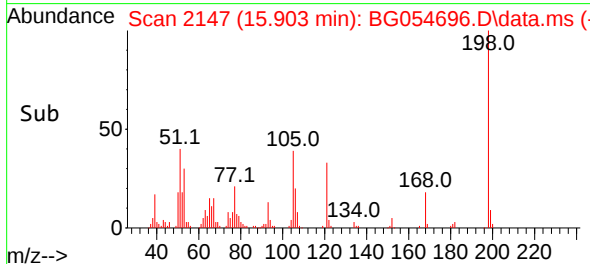
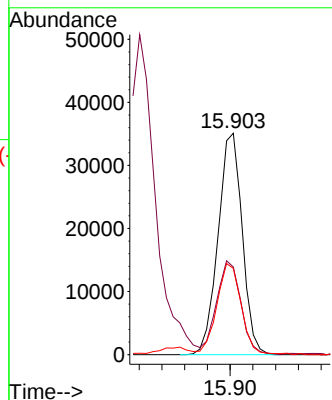
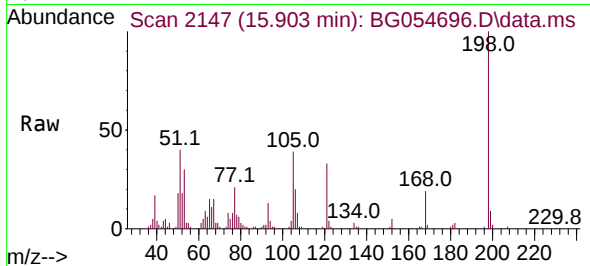
ClientSampleId :

PB147112BS

Tgt Ion:198 Resp: 51699  
Ion Ratio Lower Upper  
198 100  
51 39.6 19.9 59.9  
105 38.9 20.3 60.3

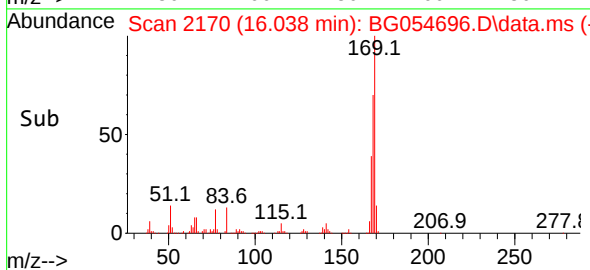
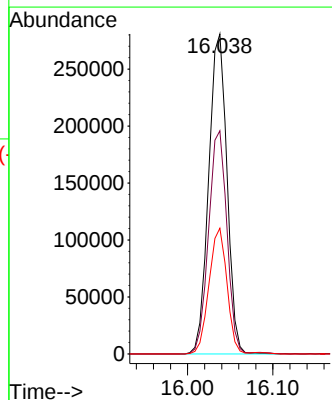
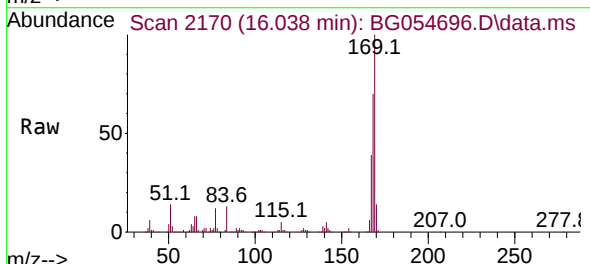
Manual Integrations  
APPROVED

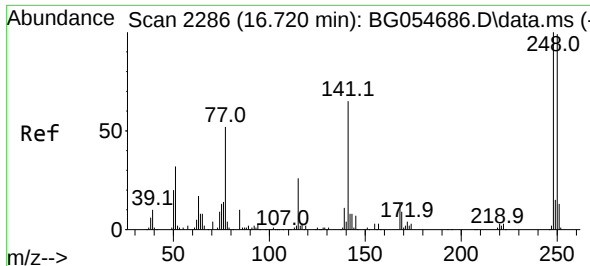
Reviewed By :Christian Giraldo 08/23/2022  
Supervised By :Jagrut Upadhyay 08/23/2022



#66  
n-Nitrosodiphenylamine  
Concen: 41.158 ng  
RT: 16.038 min Scan# 2170  
Delta R.T. 0.005 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10

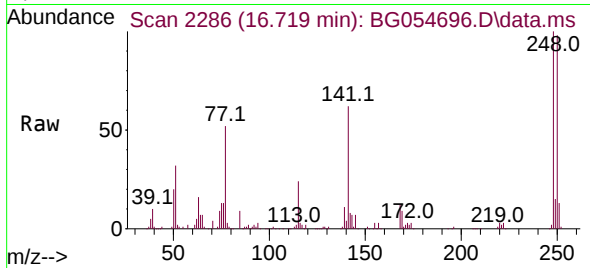
Tgt Ion:169 Resp: 417645  
Ion Ratio Lower Upper  
169 100  
168 69.7 55.6 83.4  
167 39.3 30.9 46.3





#67  
4-Bromophenyl-phenylether  
Concen: 39.908 ng  
RT: 16.719 min Scan# 2286  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10

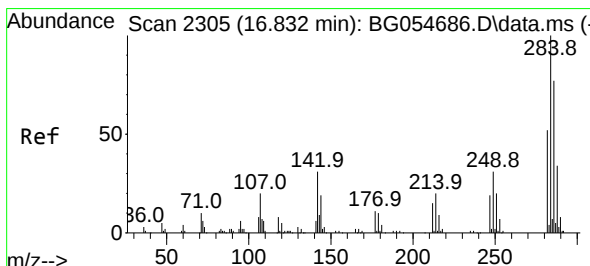
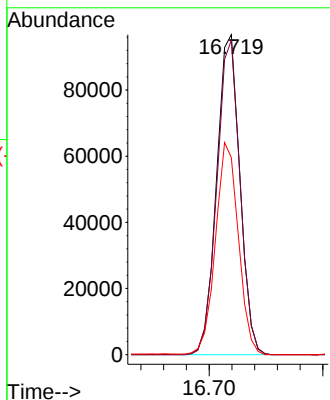
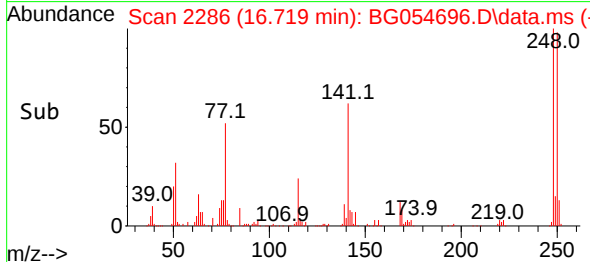
Instrument :  
BNA\_G  
ClientSampleId :  
PB147112BS



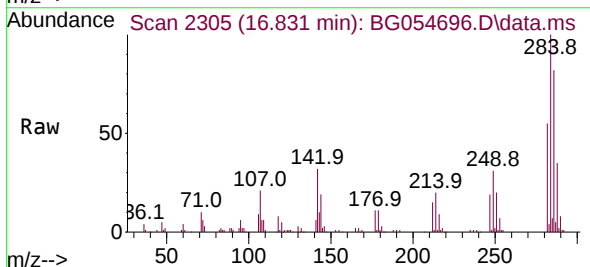
Tgt Ion:248 Resp: 137180  
Ion Ratio Lower Upper  
248 100  
250 98.2 78.8 118.2  
141 61.6 51.9 77.9

Manual Integrations  
APPROVED

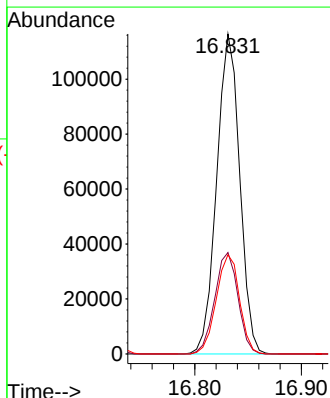
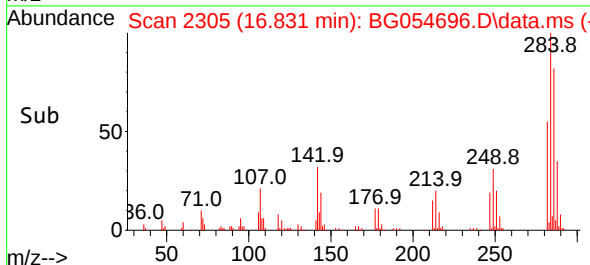
Reviewed By :Christian Giraldo 08/23/2022  
Supervised By :Jagrut Upadhyay 08/23/2022

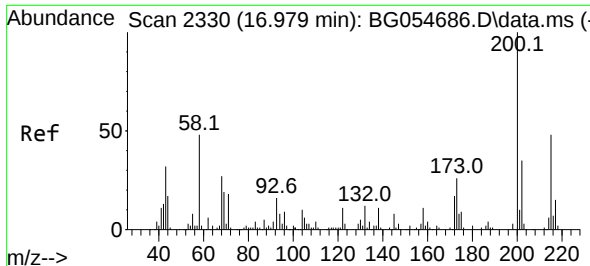


#68  
Hexachlorobenzene  
Concen: 40.283 ng  
RT: 16.831 min Scan# 2305  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10



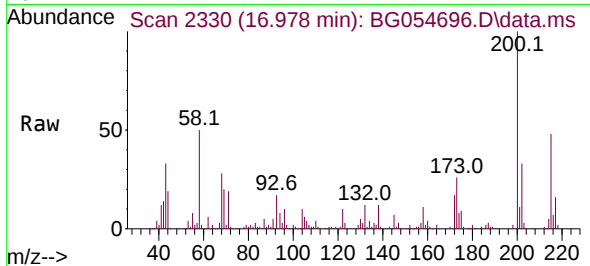
Tgt Ion:284 Resp: 174710  
Ion Ratio Lower Upper  
284 100  
142 31.7 25.0 37.6  
249 31.0 24.5 36.7





#69  
 Atrazine  
 Concen: 50.458 ng  
 RT: 16.978 min Scan# 2330  
 Delta R.T. -0.001 min  
 Lab File: BG054696.D  
 Acq: 23 Aug 2022 1:10

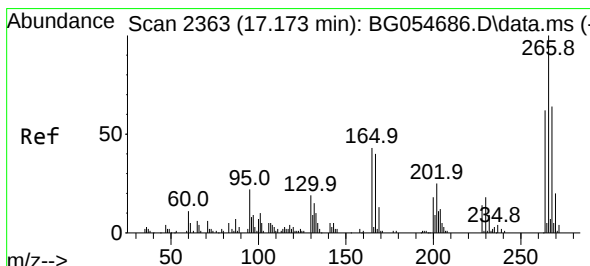
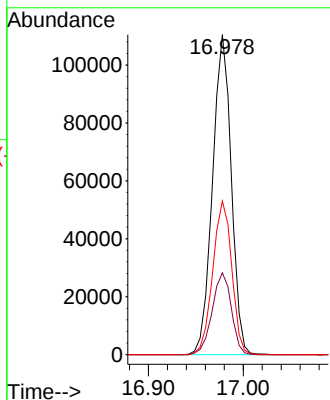
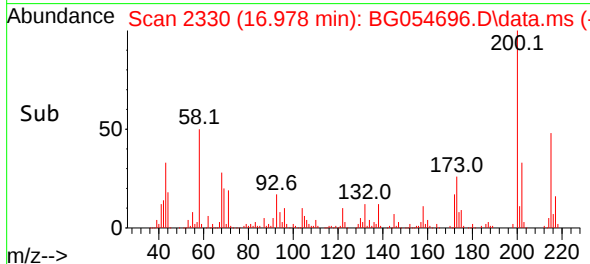
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB147112BS



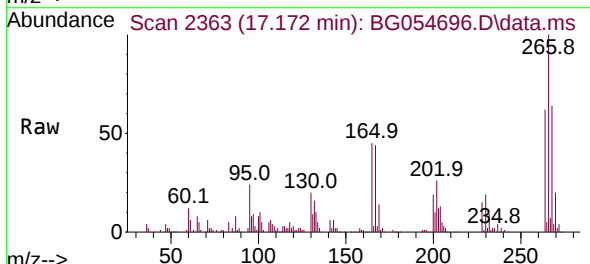
Tgt Ion:200 Resp: 151730  
 Ion Ratio Lower Upper  
 200 100  
 173 25.6 5.6 45.6  
 215 48.0 28.2 68.2

Manual Integrations  
 APPROVED

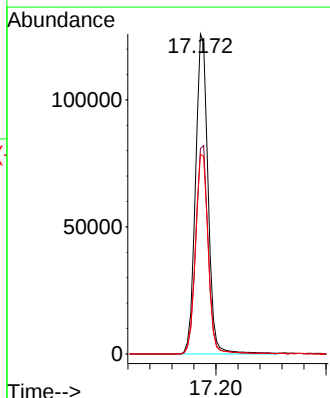
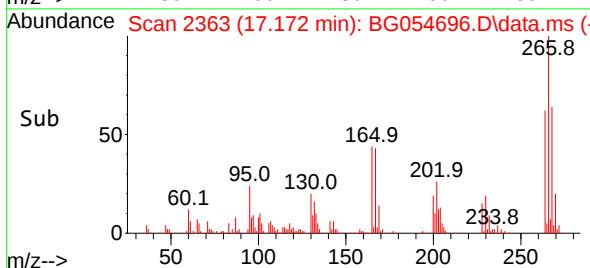
Reviewed By :Christian Giraldo 08/23/2022  
 Supervised By :Jagrut Upadhyay 08/23/2022

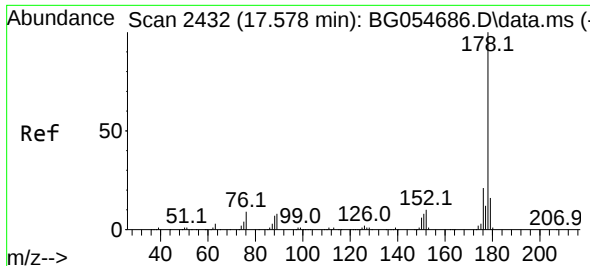


#70  
 Pentachlorophenol  
 Concen: 82.252 ng  
 RT: 17.172 min Scan# 2363  
 Delta R.T. -0.001 min  
 Lab File: BG054696.D  
 Acq: 23 Aug 2022 1:10



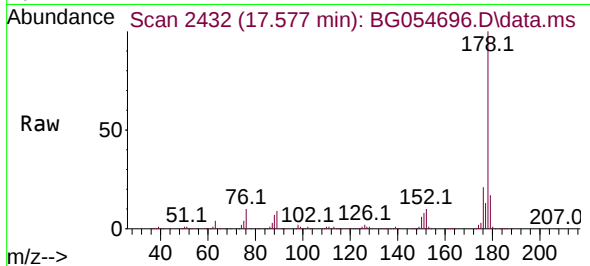
Tgt Ion:266 Resp: 198797  
 Ion Ratio Lower Upper  
 266 100  
 268 64.2 51.2 76.8  
 264 62.4 49.4 74.0





#71  
Phenanthrene  
Concen: 39.068 ng  
RT: 17.577 min Scan# 2432  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10

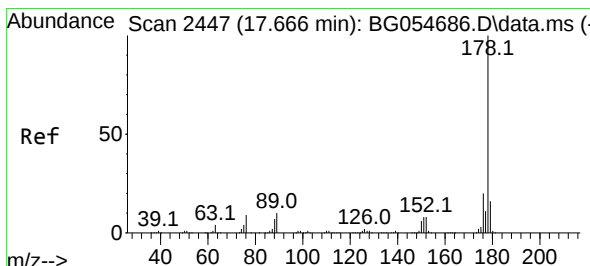
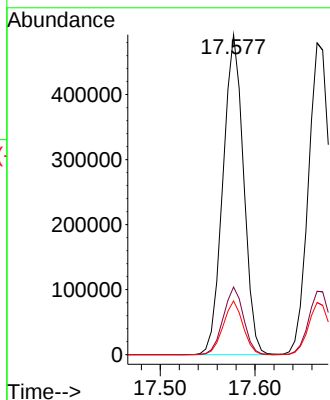
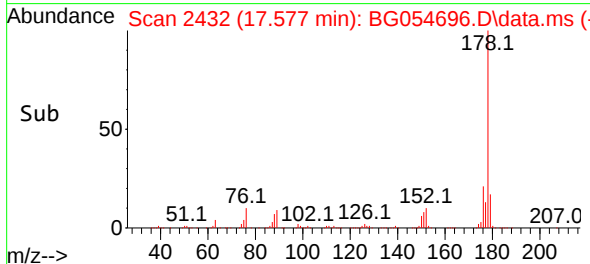
Instrument :  
BNA\_G  
ClientSampleId :  
PB147112BS



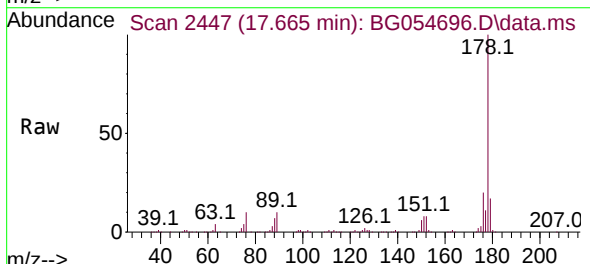
Tgt Ion:178 Resp: 743609  
Ion Ratio Lower Upper  
178 100  
176 21.1 16.6 25.0  
179 16.8 12.8 19.2

Manual Integrations  
APPROVED

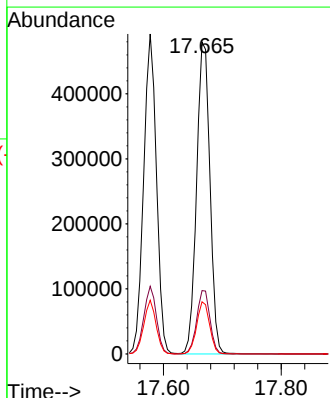
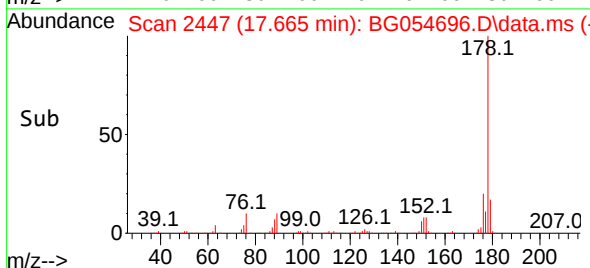
Reviewed By :Christian Giraldo 08/23/2022  
Supervised By :Jagrut Upadhyay 08/23/2022

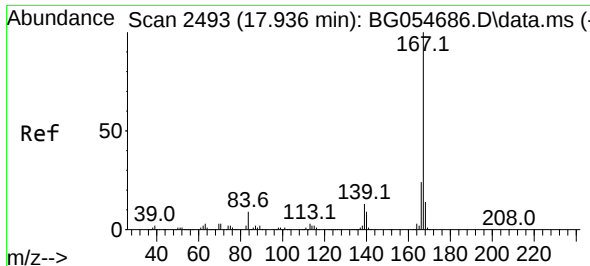


#72  
Anthracene  
Concen: 40.953 ng  
RT: 17.665 min Scan# 2447  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10



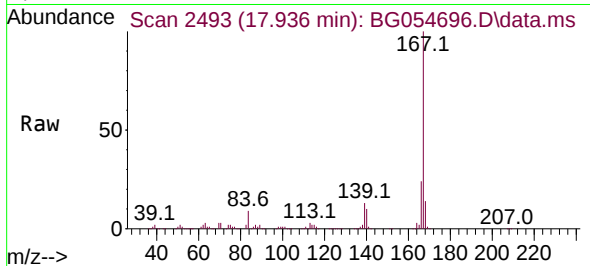
Tgt Ion:178 Resp: 755336  
Ion Ratio Lower Upper  
178 100  
176 20.3 16.2 24.4  
179 16.7 12.9 19.3





#73  
 Carbazole  
 Concen: 42.885 ng  
 RT: 17.936 min Scan# 2493  
 Delta R.T. -0.001 min  
 Lab File: BG054696.D  
 Acq: 23 Aug 2022 1:10

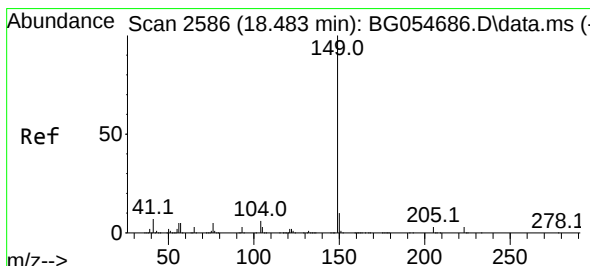
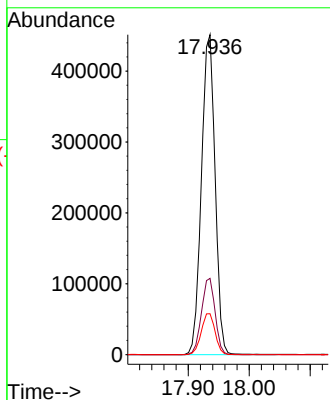
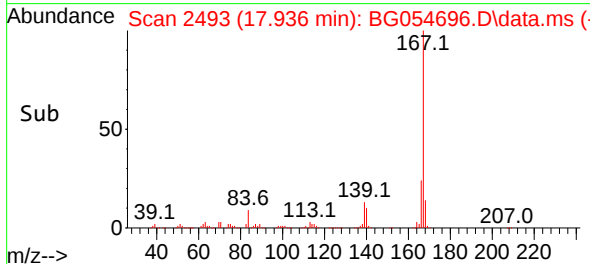
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB147112BS



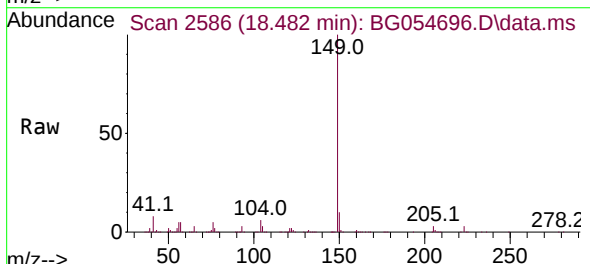
Tgt Ion:167 Resp: 703707  
 Ion Ratio Lower Upper  
 167 100  
 166 23.8 18.8 28.2  
 139 12.8 10.2 15.4

Manual Integrations  
 APPROVED

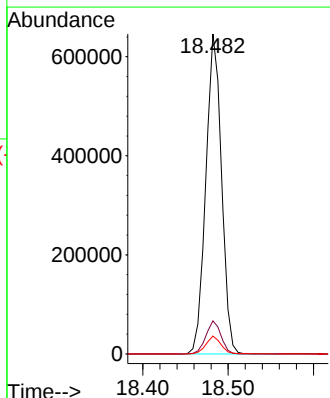
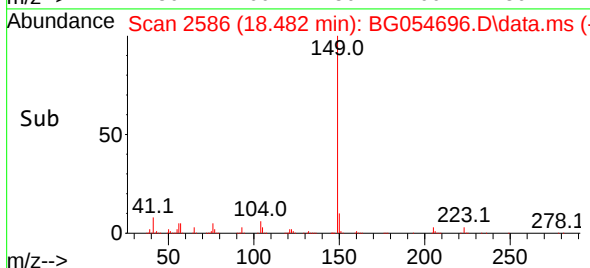
Reviewed By :Christian Giraldo 08/23/2022  
 Supervised By :Jagrut Upadhyay 08/23/2022

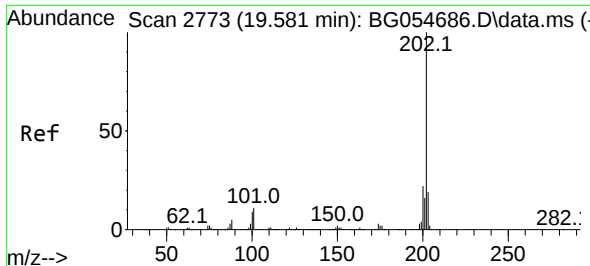


#74  
 Di-n-butylphthalate  
 Concen: 47.134 ng  
 RT: 18.482 min Scan# 2586  
 Delta R.T. -0.001 min  
 Lab File: BG054696.D  
 Acq: 23 Aug 2022 1:10



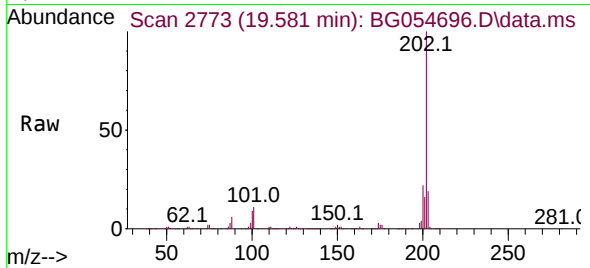
Tgt Ion:149 Resp: 825107  
 Ion Ratio Lower Upper  
 149 100  
 150 10.3 8.0 12.0  
 104 5.6 4.4 6.6





#75  
Fluoranthene  
Concen: 40.601 ng  
RT: 19.581 min Scan# 2110  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10

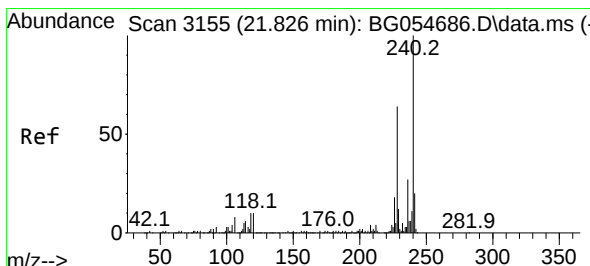
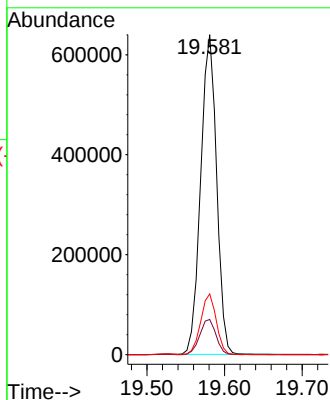
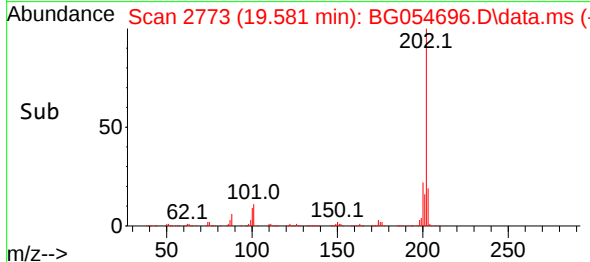
Instrument :  
BNA\_G  
ClientSampleId :  
PB147112BS



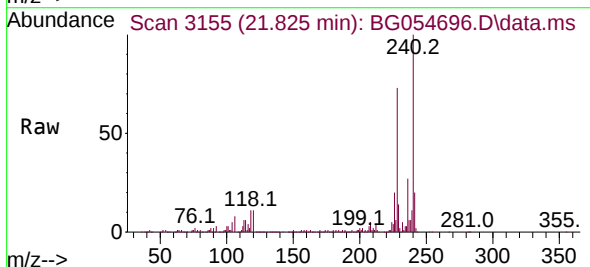
Tgt Ion:202 Resp: 911073  
Ion Ratio Lower Upper  
202 100  
101 11.0 0.0 31.4  
203 19.0 0.0 38.6

Manual Integrations  
APPROVED

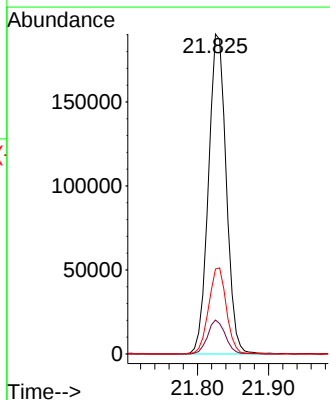
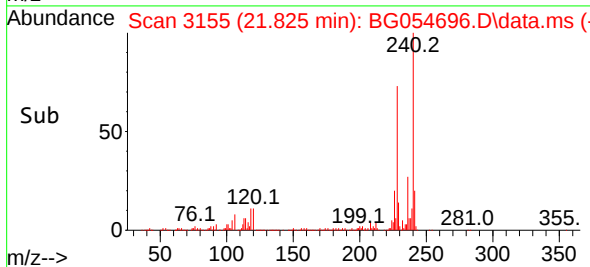
Reviewed By :Christian Giraldo 08/23/2022  
Supervised By :Jagrut Upadhyay 08/23/2022

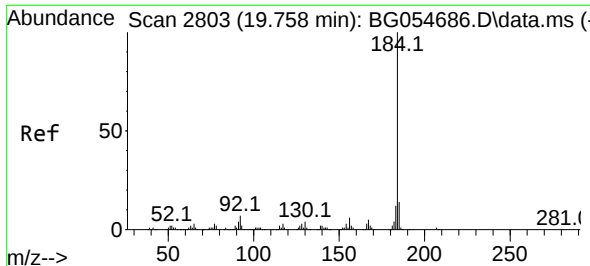


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.825 min Scan# 3155  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10



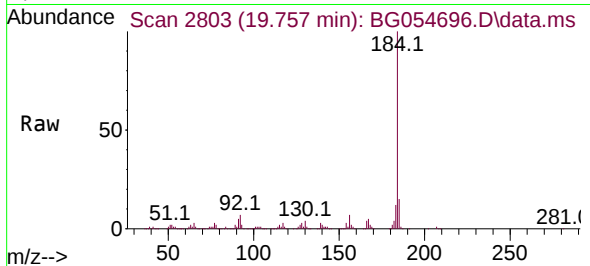
Tgt Ion:240 Resp: 330392  
Ion Ratio Lower Upper  
240 100  
120 10.6 8.2 12.4  
236 26.5 21.2 31.8





#77  
Benzidine  
Concen: 77.370 ng  
RT: 19.757 min Scan# 2803  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10

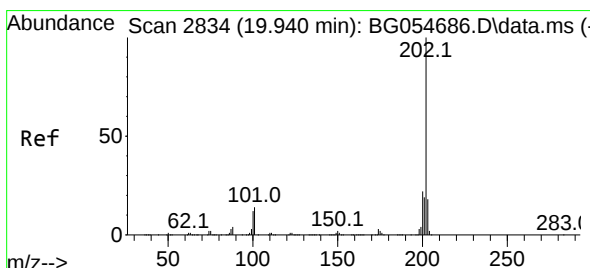
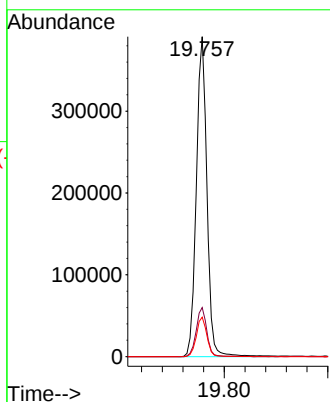
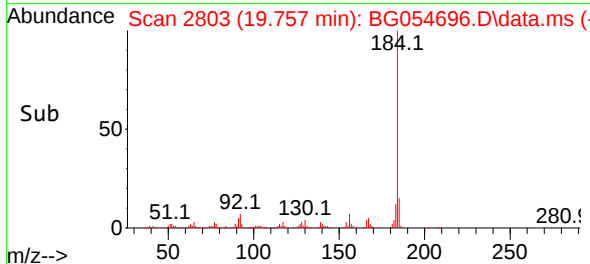
Instrument :  
BNA\_G  
ClientSampleId :  
PB147112BS



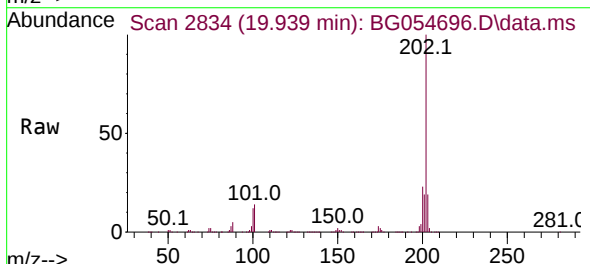
Tgt Ion:184 Resp: 555015  
Ion Ratio Lower Upper  
184 100  
185 15.3 11.4 17.0  
183 12.3 9.8 14.8

Manual Integrations  
APPROVED

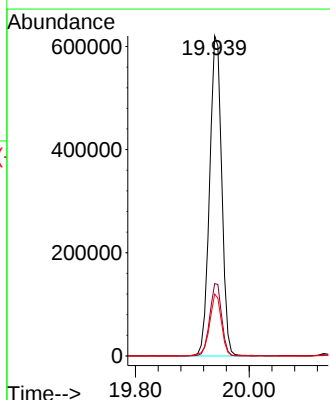
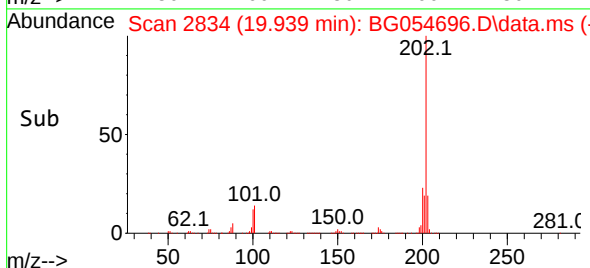
Reviewed By :Christian Giraldo 08/23/2022  
Supervised By :Jagrut Upadhyay 08/23/2022

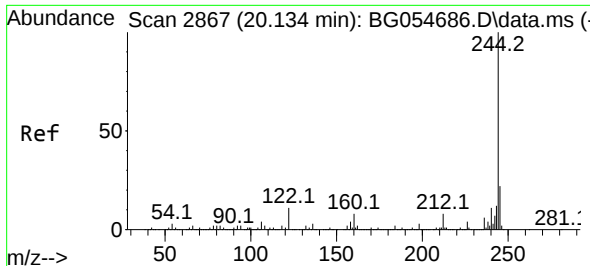


#78  
Pyrene  
Concen: 39.478 ng  
RT: 19.939 min Scan# 2834  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10



Tgt Ion:202 Resp: 920037  
Ion Ratio Lower Upper  
202 100  
200 22.6 17.8 26.6  
203 19.3 14.6 21.8





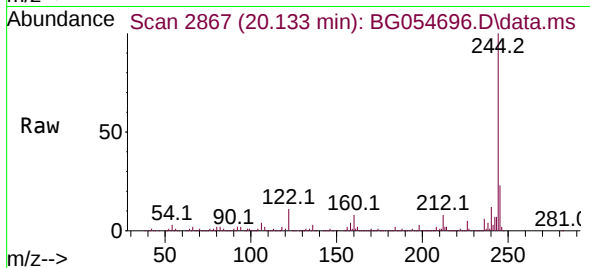
#79  
 Terphenyl-d14  
 Concen: 80.318 ng  
 RT: 20.133 min Scan# 2867  
 Delta R.T. -0.001 min  
 Lab File: BG054696.D  
 Acq: 23 Aug 2022 1:10

Instrument :

BNA\_G

ClientSampleId :

PB147112BS

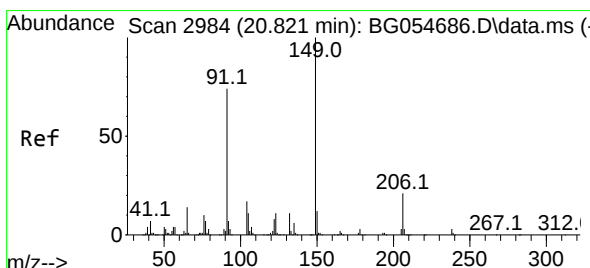
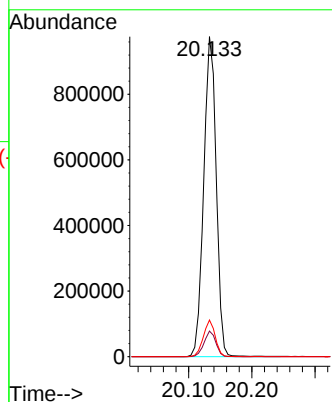
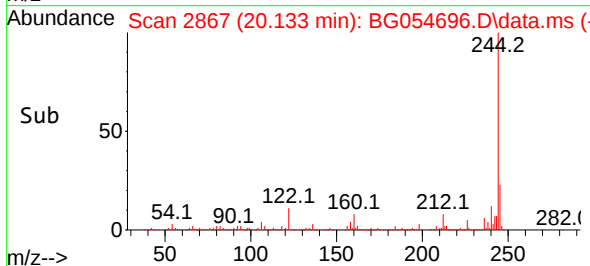


Tgt Ion:244 Resp: 133585  
 Ion Ratio Lower Upper  
 244 100  
 212 8.0 6.2 9.2  
 122 11.4 9.0 13.6

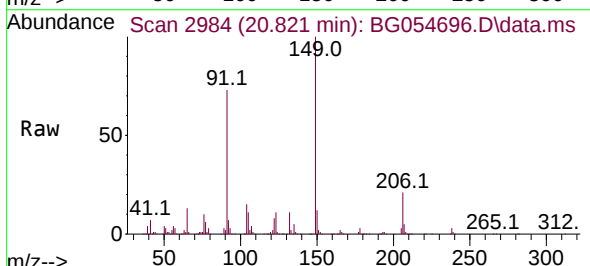
Manual Integrations

APPROVED

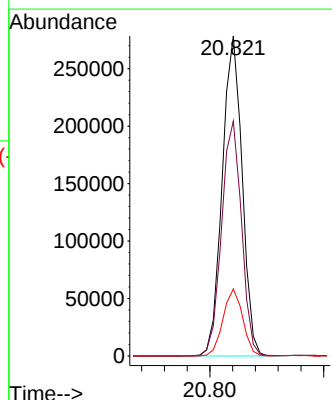
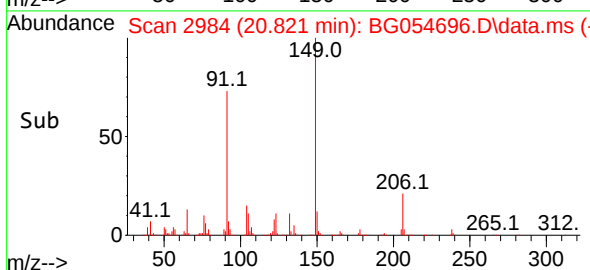
Reviewed By :Christian Giraldo 08/23/2022  
 Supervised By :Jagrut Upadhyay 08/23/2022

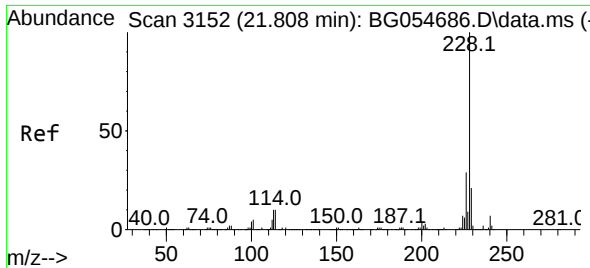


#80  
 Butylbenzylphthalate  
 Concen: 44.537 ng  
 RT: 20.821 min Scan# 2984  
 Delta R.T. -0.000 min  
 Lab File: BG054696.D  
 Acq: 23 Aug 2022 1:10



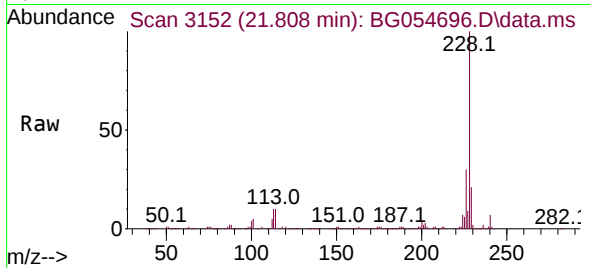
Tgt Ion:149 Resp: 338045  
 Ion Ratio Lower Upper  
 149 100  
 91 73.4 59.5 89.3  
 206 21.0 16.6 25.0





#81  
Benzo(a)anthracene  
Concen: 40.072 ng  
RT: 21.808 min Scan# 3152  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10

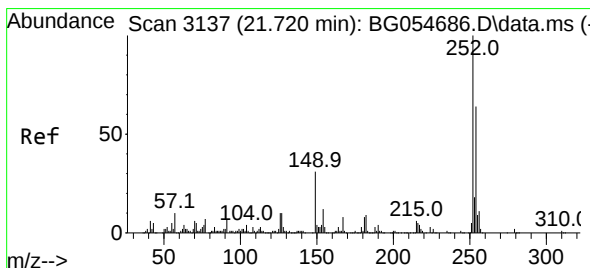
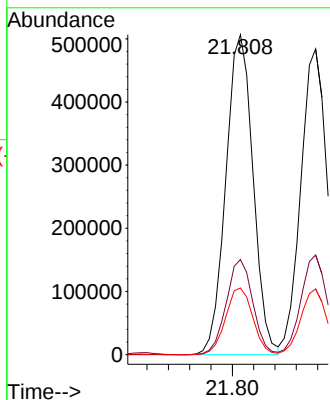
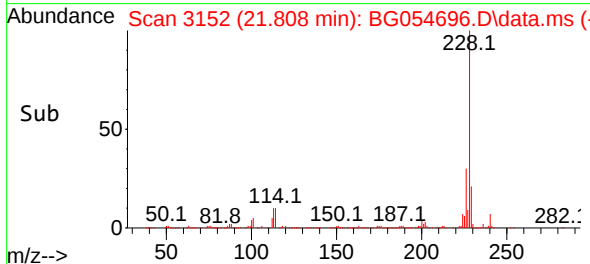
Instrument :  
BNA\_G  
ClientSampleId :  
PB147112BS



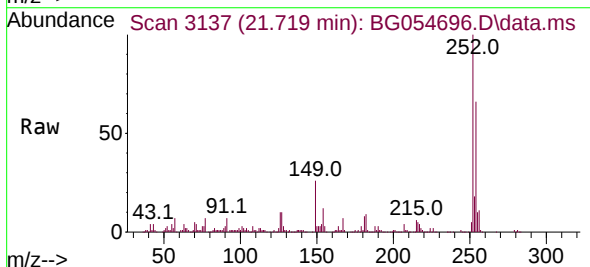
Tgt Ion:228 Resp: 899169  
Ion Ratio Lower Upper  
228 100  
226 29.7 23.4 35.2  
229 20.8 16.5 24.7

Manual Integrations  
APPROVED

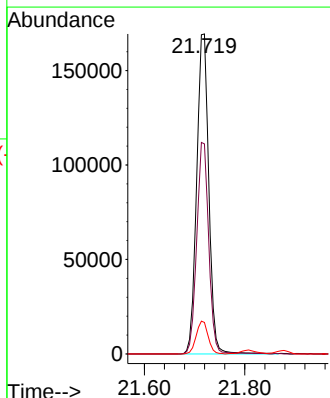
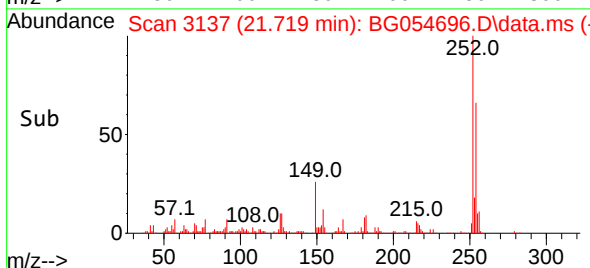
Reviewed By :Christian Giraldo 08/23/2022  
Supervised By :Jagrut Upadhyay 08/23/2022

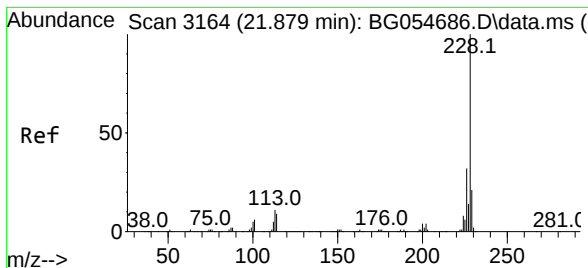


#82  
3,3'-Dichlorobenzidine  
Concen: 41.822 ng  
RT: 21.719 min Scan# 3137  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10



Tgt Ion:252 Resp: 283573  
Ion Ratio Lower Upper  
252 100  
254 65.6 51.4 77.2  
126 9.9 8.2 12.2





#83

Chrysene

Concen: 39.240 ng

RT: 21.878 min Scan# 3164

Delta R.T. -0.001 min

Lab File: BG054696.D

Acq: 23 Aug 2022 1:10

Instrument :

BNA\_G

ClientSampleId :

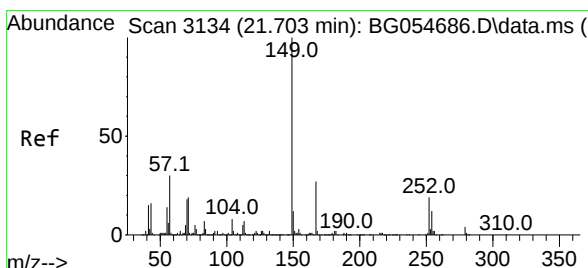
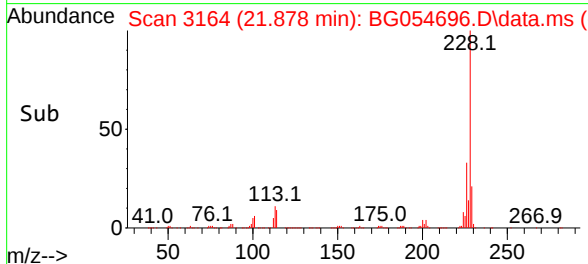
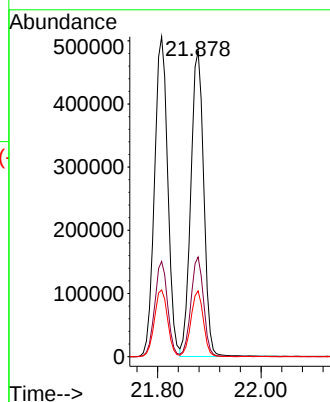
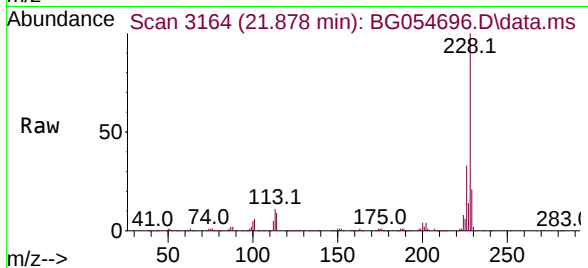
PB147112BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 837932 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 32.6  | 25.5  | 38.3   |
| 229       | 21.5  | 16.8  | 25.2   |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/23/2022  
Supervised By :Jagrut Upadhyay 08/23/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.779 ng

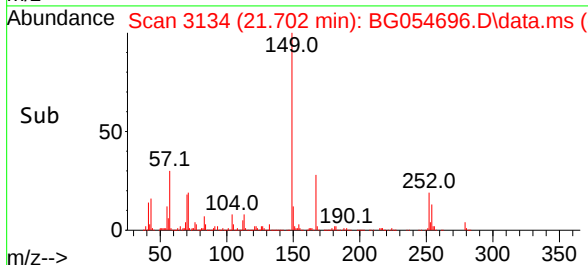
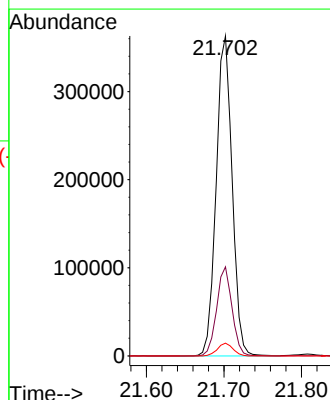
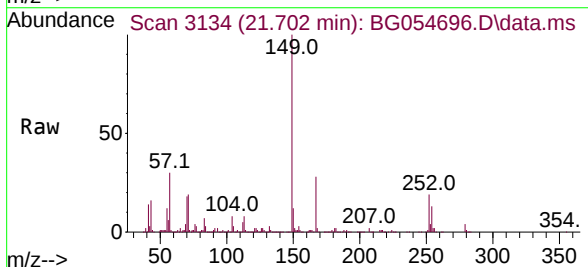
RT: 21.702 min Scan# 3134

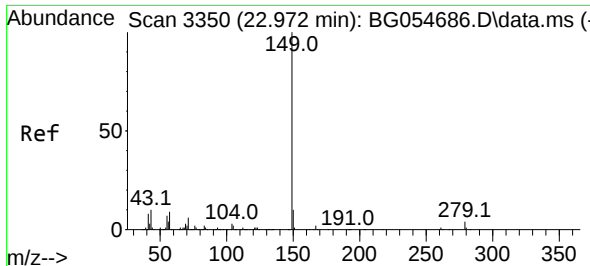
Delta R.T. -0.001 min

Lab File: BG054696.D

Acq: 23 Aug 2022 1:10

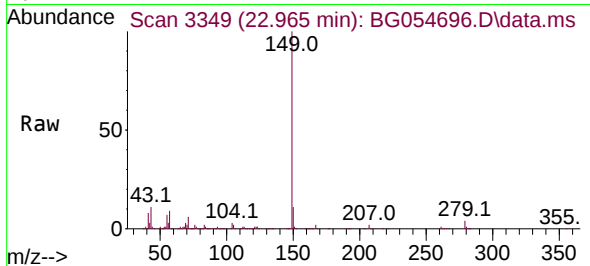
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 517739 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 27.8  | 21.4  | 32.0   |
| 279       | 4.0   | 3.1   | 4.7    |





#85  
Di-n-octyl phthalate  
Concen: 49.106 ng  
RT: 22.965 min Scan# 3350  
Delta R.T. -0.007 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10

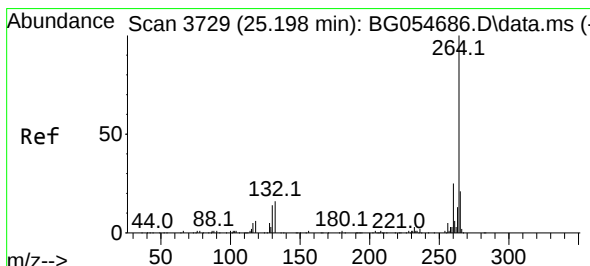
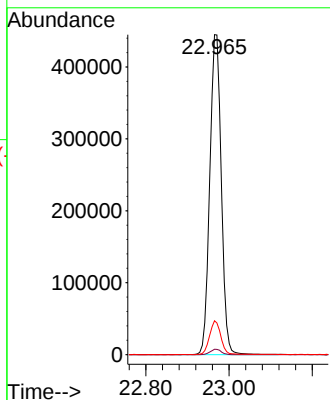
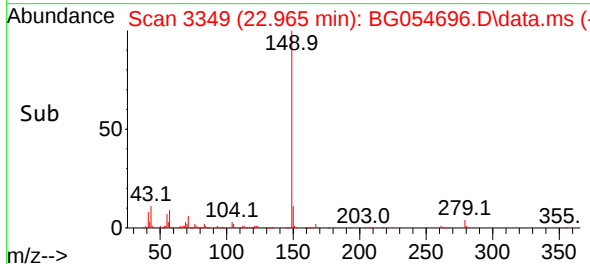
Instrument :  
BNA\_G  
ClientSampleId :  
PB147112BS



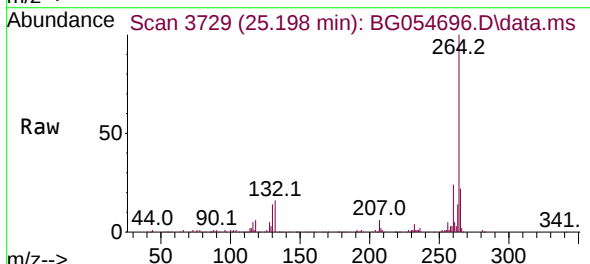
Tgt Ion:149 Resp: 849682  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 10.4 9.0 13.6

Manual Integrations  
APPROVED

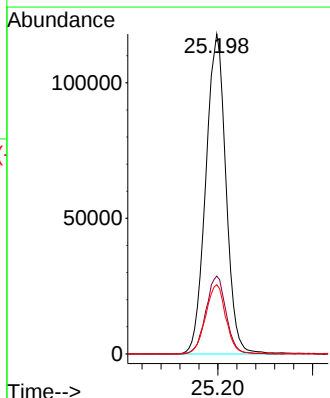
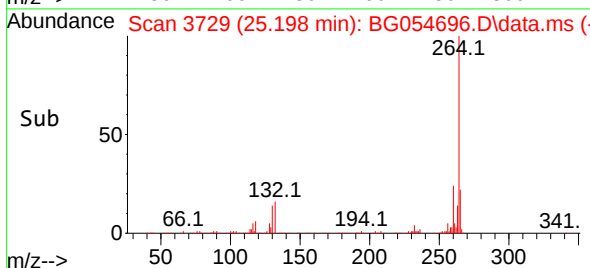
Reviewed By :Christian Giraldo 08/23/2022  
Supervised By :Jagrut Upadhyay 08/23/2022

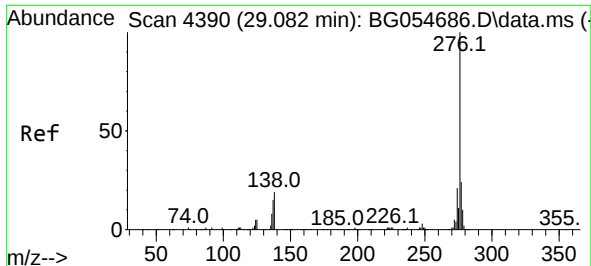


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.198 min Scan# 3729  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10



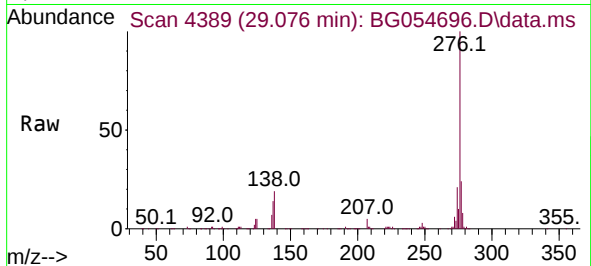
Tgt Ion:264 Resp: 348260  
Ion Ratio Lower Upper  
264 100  
260 24.3 19.9 29.9  
265 21.6 16.9 25.3





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 41.322 ng  
RT: 29.076 min Scan# 4390  
Delta R.T. -0.007 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10

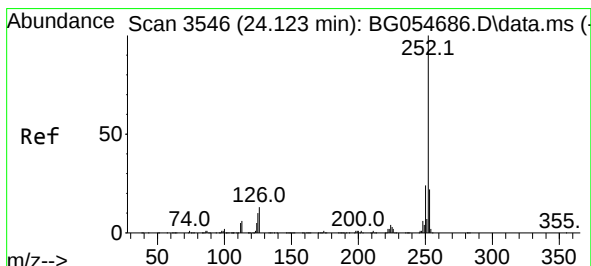
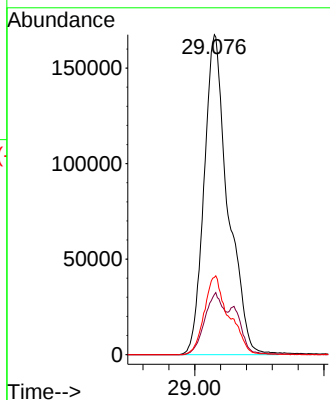
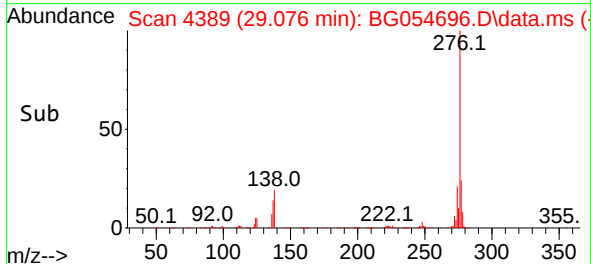
Instrument :  
BNA\_G  
ClientSampleId :  
PB147112BS



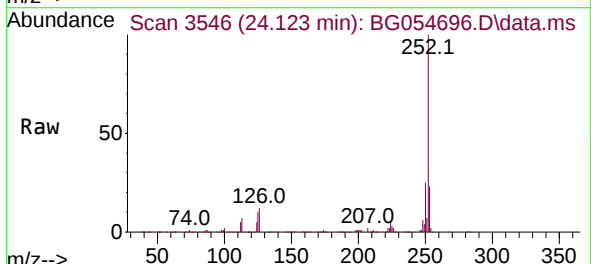
Tgt Ion:276 Resp: 1073872  
Ion Ratio Lower Upper  
276 100  
138 16.1 12.0 18.0  
277 25.5 20.2 30.4

Manual Integrations  
APPROVED

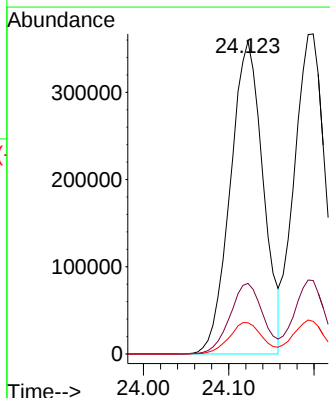
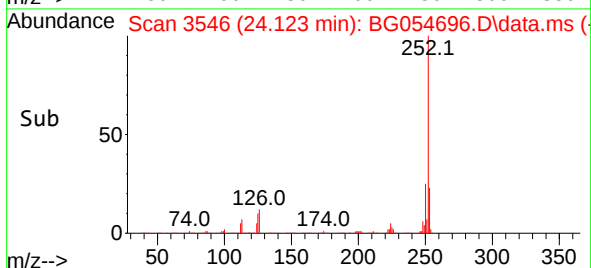
Reviewed By :Christian Giraldo 08/23/2022  
Supervised By :Jagrut Upadhyay 08/23/2022

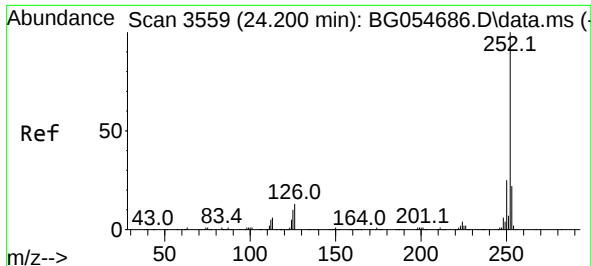


#88  
Benzo(b)fluoranthene  
Concen: 44.341 ng  
RT: 24.123 min Scan# 3546  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10



Tgt Ion:252 Resp: 958860  
Ion Ratio Lower Upper  
252 100  
253 22.5 18.0 27.0  
125 10.0 8.1 12.1





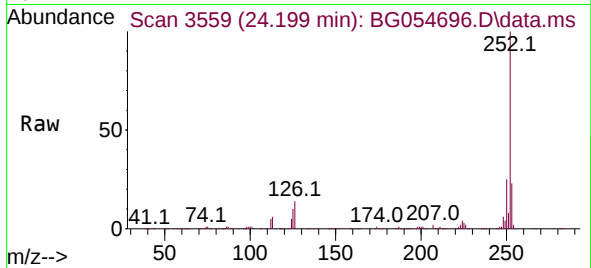
#89  
Benzo(k)fluoranthene  
Concen: 41.898 ng  
RT: 24.199 min Scan# 3559  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10

Instrument :

BNA\_G

ClientSampleId :

PB147112BS

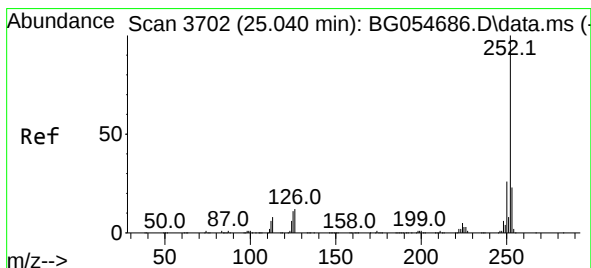
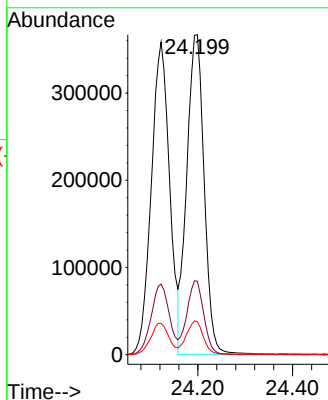
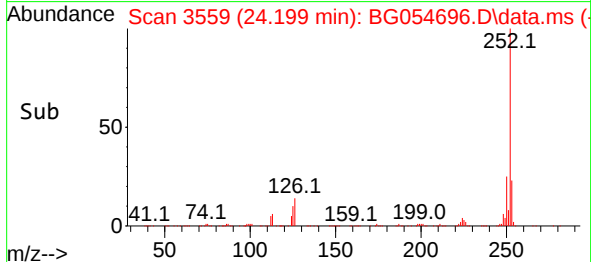


Tgt Ion:252 Resp: 934979  
Ion Ratio Lower Upper  
252 100  
253 22.9 17.8 26.8  
125 10.2 8.2 12.4

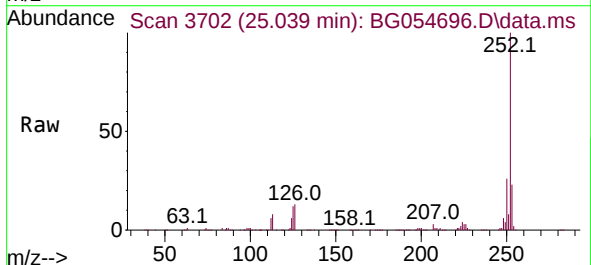
Manual Integrations

APPROVED

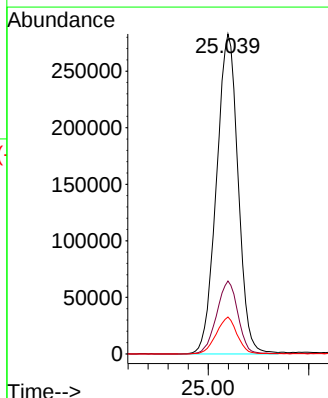
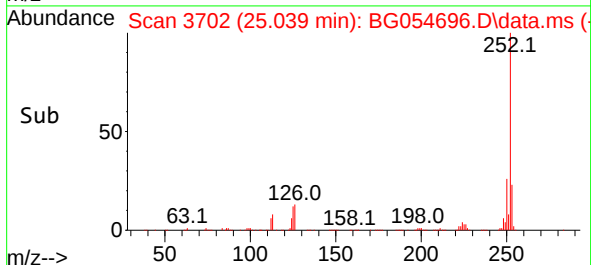
Reviewed By :Christian Giraldo 08/23/2022  
Supervised By :Jagrut Upadhyay 08/23/2022

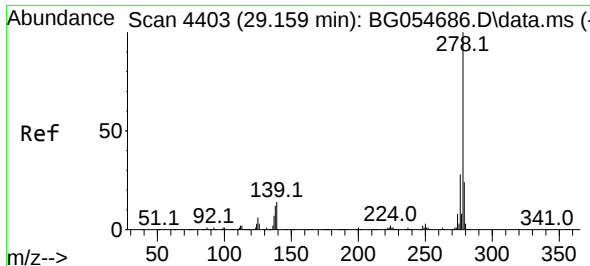


#90  
Benzo(a)pyrene  
Concen: 45.529 ng  
RT: 25.039 min Scan# 3702  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10



Tgt Ion:252 Resp: 845051  
Ion Ratio Lower Upper  
252 100  
253 22.8 18.3 27.5  
125 11.5 8.8 13.2





#91  
Dibenzo(a,h)anthracene  
Concen: 43.241 ng  
RT: 29.152 min Scan# 4403  
Delta R.T. -0.007 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10

Instrument :

BNA\_G

ClientSampleId :

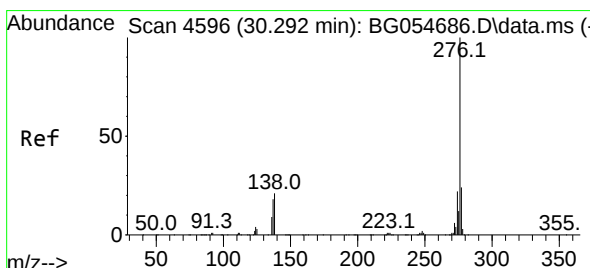
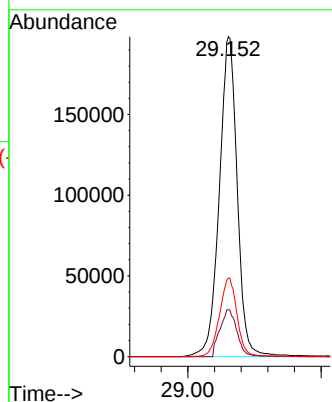
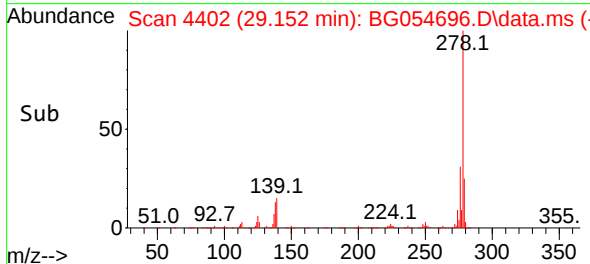
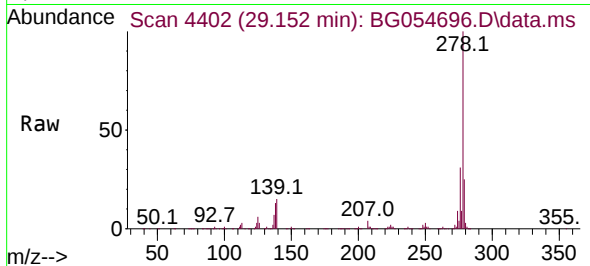
PB147112BS

Tgt Ion:278 Resp: 92315  
Ion Ratio Lower Upper  
278 100  
139 14.8 11.4 17.2  
279 24.5 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 08/23/2022  
Supervised By :Jagrut Upadhyay 08/23/2022



#92  
Benzo(g,h,i)perylene  
Concen: 43.201 ng  
RT: 30.292 min Scan# 4596  
Delta R.T. -0.001 min  
Lab File: BG054696.D  
Acq: 23 Aug 2022 1:10

Tgt Ion:276 Resp: 901660  
Ion Ratio Lower Upper  
276 100  
277 24.7 19.4 29.0  
138 20.9 16.6 25.0

