

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG050522\  
 Data File : BG053436.D  
 Acq On : 4 May 2022 20:10  
 Operator : CG/JU  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICCC040

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 05/05/2022  
 Supervised By : Jagrut Upadhyay 05/05/2022

Quant Time: May 05 01:10:37 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG050522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 05 01:07:18 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.099  | 152  | 23479    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.913 | 136  | 96339    | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.719 | 164  | 75357    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.468 | 188  | 188384   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.745 | 240  | 190084   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 25.035 | 264  | 200805   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.667  | 112  | 111737   | 81.578 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.259  | 99   | 171658   | 81.270 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.262  | 82   | 185992   | 78.389 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.211 | 330  | 93896    | 78.318 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.345 | 172  | 414738   | 75.890 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.071 | 244  | 818675   | 72.740 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.546  | 88   | 28775    | 43.991 | ng    | 100      |
| 3) Pyridine                   | 3.951  | 79   | 74214    | 43.018 | ng    | 100      |
| 4) n-Nitrosodimethylamine     | 3.857  | 42   | 35385    | 41.419 | ng    | 100      |
| 6) Aniline                    | 7.417  | 93   | 95906    | 39.179 | ng    | 100      |
| 8) 2-Chlorophenol             | 7.664  | 128  | 58285    | 39.417 | ng    | 100      |
| 9) Benzaldehyde               | 7.235  | 77   | 50574m   | 40.056 | ng    |          |
| 10) Phenol                    | 7.288  | 94   | 84982    | 40.420 | ng    | 100      |
| 11) bis(2-Chloroethyl)ether   | 7.511  | 93   | 63499    | 41.897 | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 7.987  | 146  | 68384    | 39.798 | ng    | 100      |
| 13) 1,4-Dichlorobenzene       | 8.134  | 146  | 67663    | 38.626 | ng    | 100      |
| 14) 1,2-Dichlorobenzene       | 8.457  | 146  | 64920    | 38.431 | ng    | 100      |
| 15) Benzyl Alcohol            | 8.334  | 79   | 72323    | 38.522 | ng    | 100      |
| 16) 2,2'-oxybis(1-Chloropr... | 8.622  | 45   | 100778   | 39.828 | ng    | 100      |
| 17) 2-Methylphenol            | 8.545  | 107  | 56043    | 39.391 | ng    | 100      |
| 18) Hexachloroethane          | 9.185  | 117  | 25644    | 39.038 | ng    | 100      |
| 19) n-Nitroso-di-n-propyla... | 8.898  | 70   | 61139    | 39.537 | ng    | 100      |
| 20) 3+4-Methylphenols         | 8.868  | 107  | 81404    | 40.531 | ng    | 100      |
| 22) Acetophenone              | 8.921  | 105  | 105106   | 39.325 | ng    | 100      |
| 24) Nitrobenzene              | 9.303  | 77   | 90581    | 39.249 | ng    | 100      |
| 25) Isophorone                | 9.826  | 82   | 159013   | 39.429 | ng    | 100      |
| 26) 2-Nitrophenol             | 10.020 | 139  | 36618    | 37.944 | ng    | 100      |
| 27) 2,4-Dimethylphenol        | 10.072 | 122  | 54971    | 39.773 | ng    | 100      |
| 28) bis(2-Chloroethoxy)met... | 10.302 | 93   | 89126    | 39.338 | ng    | 100      |
| 29) 2,4-Dichlorophenol        | 10.560 | 162  | 68404    | 39.369 | ng    | 100      |
| 30) 1,2,4-Trichlorobenzene    | 10.772 | 180  | 73851    | 37.554 | ng    | 100      |
| 31) Naphthalene               | 10.960 | 128  | 197856   | 38.494 | ng    | 100      |
| 32) Benzoic acid              | 10.237 | 122  | 30608    | 40.899 | ng    | 100      |
| 33) 4-Chloroaniline           | 11.065 | 127  | 86604    | 39.346 | ng    | 100      |
| 34) Hexachlorobutadiene       | 11.247 | 225  | 55350    | 37.891 | ng    | 100      |
| 35) Caprolactam               | 11.835 | 113  | 24175    | 39.473 | ng    | 100      |
| 36) 4-Chloro-3-methylphenol   | 12.181 | 107  | 81480    | 40.280 | ng    | 100      |
| 37) 2-Methylnaphthalene       | 12.557 | 142  | 150099   | 39.466 | ng    | 100      |
| 38) 1-Methylnaphthalene       | 12.775 | 142  | 142203   | 38.305 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.927 | 216  | 97082    | 37.932 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.904 | 237  | 32216    | 24.384 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 13.162 | 196  | 66461    | 37.663 | ng    | 100      |

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 Operator : CG/JU  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICCC040

Manual Integrations  
 APPROVED

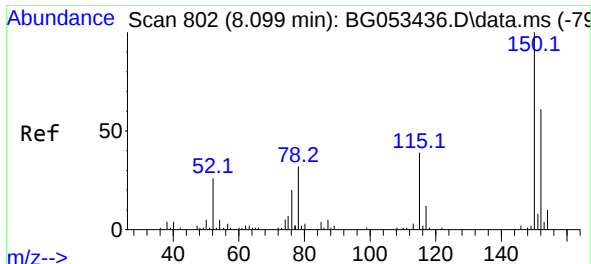
Reviewed By : Christian Giraldo 05/05/2022  
 Supervised By : Jagrut Upadhyay 05/05/2022

Quant Time: May 05 01:10:37 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG050522.M  
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 QLast Update : Thu May 05 01:07:18 2022  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.239 | 196  | 70388    | 37.432 | ng    | 100      |
| 46) 1,1'-Biphenyl             | 13.556 | 154  | 207816   | 38.295 | ng    | 100      |
| 47) 2-Chloronaphthalene       | 13.603 | 162  | 161242   | 37.242 | ng    | 100      |
| 48) 2-Nitroaniline            | 13.803 | 65   | 63302    | 38.527 | ng    | 100      |
| 49) Acenaphthylene            | 14.443 | 152  | 263938   | 38.943 | ng    | 100      |
| 50) Dimethylphthalate         | 14.167 | 163  | 234408   | 38.891 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.290 | 165  | 48749    | 38.769 | ng    | 100      |
| 52) Acenaphthene              | 14.784 | 154  | 157339   | 34.233 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.619 | 138  | 53109    | 39.944 | ng    | 100      |
| 54) 2,4-Dinitrophenol         | 14.837 | 184  | 26859    | 33.571 | ng    | 100      |
| 55) Dibenzofuran              | 15.119 | 168  | 275313   | 38.255 | ng    | 100      |
| 56) 4-Nitrophenol             | 14.937 | 139  | 38320    | 37.789 | ng    | 100      |
| 57) 2,4-Dinitrotoluene        | 15.083 | 165  | 71319    | 39.839 | ng    | 100      |
| 58) Fluorene                  | 15.771 | 166  | 225471   | 38.790 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.348 | 232  | 70263    | 38.477 | ng    | 100      |
| 60) Diethylphthalate          | 15.524 | 149  | 243941   | 38.628 | ng    | 100      |
| 61) 4-Chlorophenyl-phenyle... | 15.753 | 204  | 124847   | 37.889 | ng    | 100      |
| 62) 4-Nitroaniline            | 15.782 | 138  | 54179m   | 38.616 | ng    |          |
| 63) Azobenzene                | 16.047 | 77   | 244973   | 38.475 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylph... | 15.847 | 198  | 48197    | 36.671 | ng    | 100      |
| 66) n-Nitrosodiphenylamine    | 15.970 | 169  | 202455   | 37.372 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.652 | 248  | 91099    | 37.740 | ng    | 100      |
| 68) Hexachlorobenzene         | 16.781 | 284  | 96815    | 37.036 | ng    | 100      |
| 69) Atrazine                  | 16.910 | 200  | 83934    | 39.664 | ng    | 100      |
| 70) Pentachlorophenol         | 17.122 | 266  | 47682    | 33.375 | ng    | 100      |
| 71) Phenanthrene              | 17.509 | 178  | 384943   | 37.410 | ng    | 100      |
| 72) Anthracene                | 17.598 | 178  | 375793   | 36.864 | ng    | 100      |
| 73) Carbazole                 | 17.868 | 167  | 371927   | 37.533 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.414 | 149  | 422616   | 37.604 | ng    | 100      |
| 75) Fluoranthene              | 19.519 | 202  | 498264   | 37.776 | ng    | 100      |
| 77) Benzidine                 | 19.689 | 184  | 161182   | 29.720 | ng    | 100      |
| 78) Pyrene                    | 19.877 | 202  | 500376   | 36.961 | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.752 | 149  | 187105   | 37.072 | ng    | 100      |
| 81) Benzo(a)anthracene        | 21.727 | 228  | 485483   | 37.355 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.633 | 252  | 127387   | 26.652 | ng    | 100      |
| 83) Chrysene                  | 21.798 | 228  | 457599   | 37.938 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.616 | 149  | 255531   | 37.456 | ng    | 100      |
| 85) Di-n-octyl phthalate      | 22.843 | 149  | 433549   | 37.998 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 28.788 | 276  | 567982   | 38.072 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 23.989 | 252  | 488486   | 38.556 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 24.054 | 252  | 460649   | 36.994 | ng    | 100      |
| 90) Benzo(a)pyrene            | 24.876 | 252  | 410748   | 38.056 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 28.853 | 278  | 463548   | 37.752 | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 29.969 | 276  | 461366   | 38.122 | ng    | 100      |

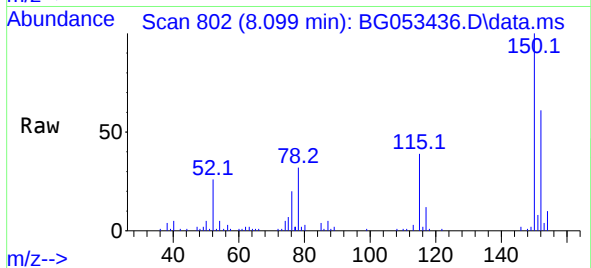
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.099 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

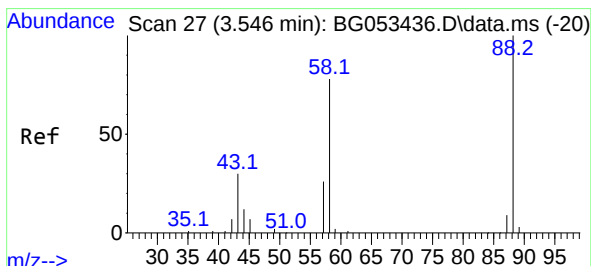
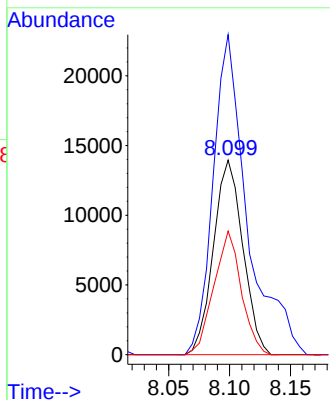
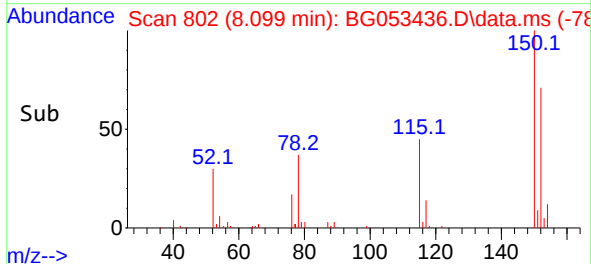
Instrument :  
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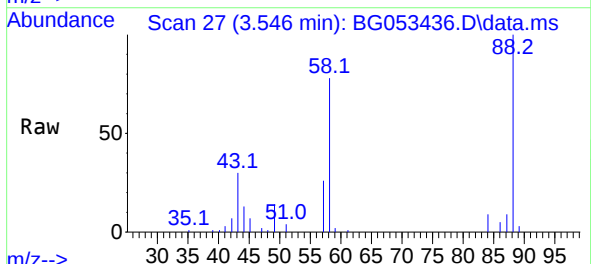
Tgt Ion:152 Resp: 23479  
Ion Ratio Lower Upper  
152 100  
150 164.5 131.6 197.4  
115 63.6 50.9 76.3

Manual Integrations  
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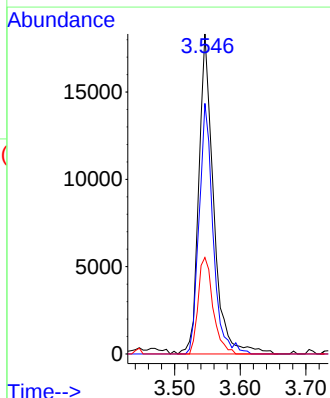
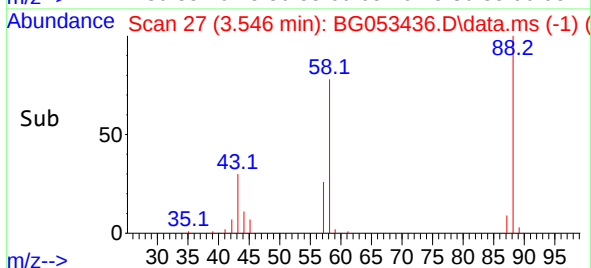
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022

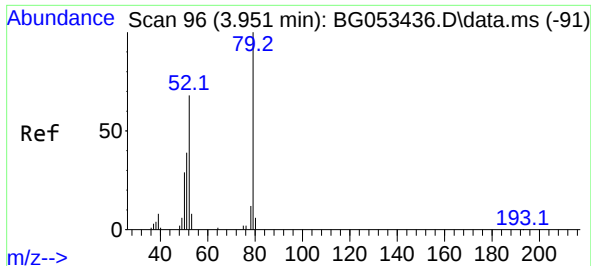


#2  
1,4-Dioxane  
Concen: 43.991 ng  
RT: 3.546 min Scan# 27  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10



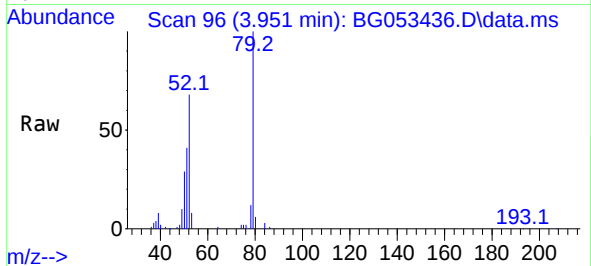
Tgt Ion: 88 Resp: 28775  
Ion Ratio Lower Upper  
88 100  
58 74.0 59.2 88.8  
43 30.4 24.3 36.5





#3  
Pyridine  
Concen: 43.018 ng  
RT: 3.951 min Scan# 90  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

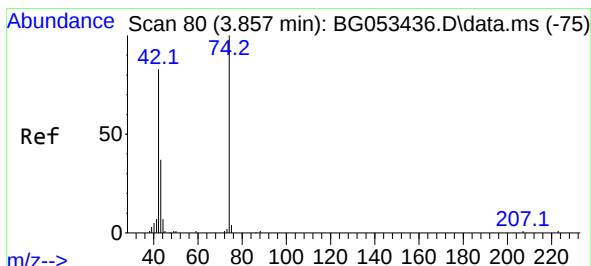
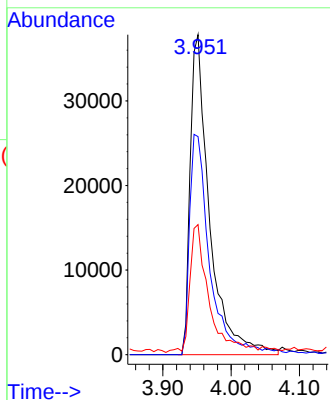
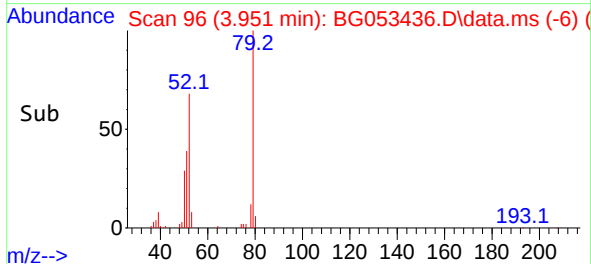
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



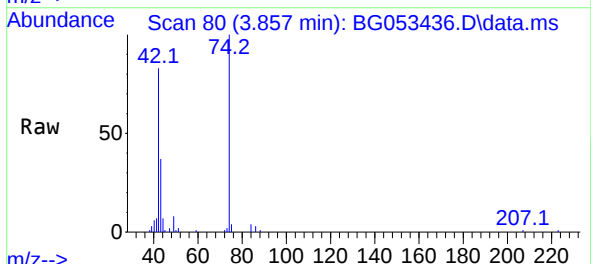
Tgt Ion: 79 Resp: 74214  
Ion Ratio Lower Upper  
79 100  
52 68.2 54.6 81.8  
51 40.6 32.5 48.7

Manual Integrations  
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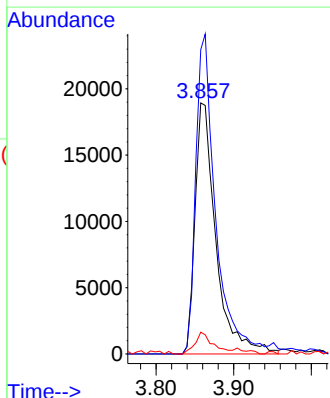
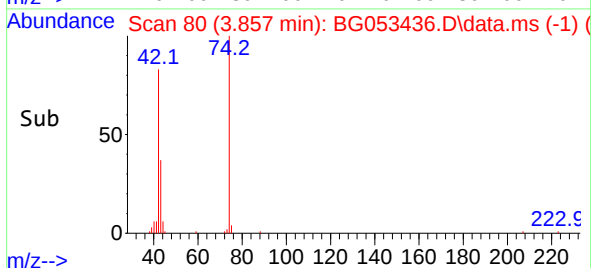
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022

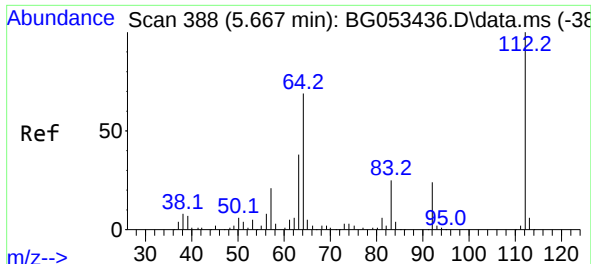


#4  
n-Nitrosodimethylamine  
Concen: 41.419 ng  
RT: 3.857 min Scan# 80  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10



Tgt Ion: 42 Resp: 35385  
Ion Ratio Lower Upper  
42 100  
74 121.2 97.0 145.4  
44 8.7 7.0 10.4





#5  
2-Fluorophenol  
Concen: 81.578 ng  
RT: 5.667 min Scan# 388  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

Instrument :

BNA\_G

ClientSampleId :

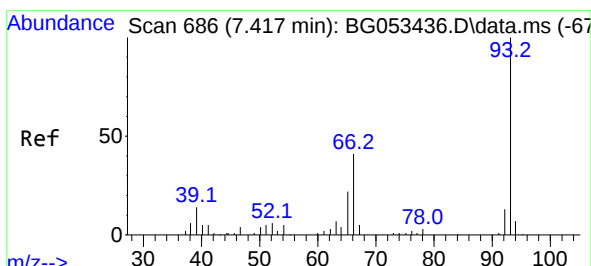
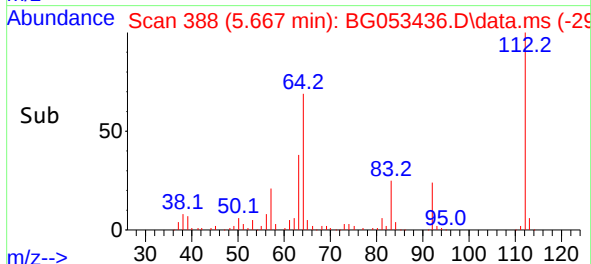
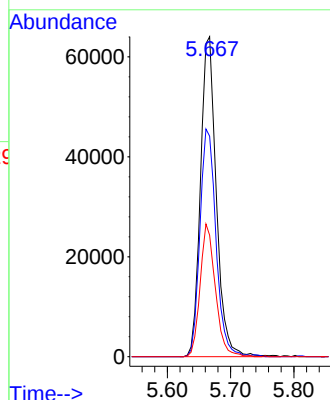
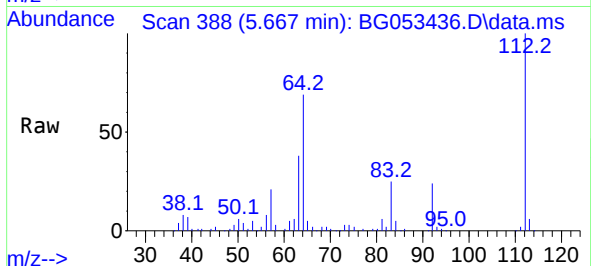
SSTDICCC040

Tgt Ion:112 Resp: 11173  
Ion Ratio Lower Upper  
112 100  
64 68.9 55.1 82.7  
63 38.0 30.4 45.6

Manual Integrations

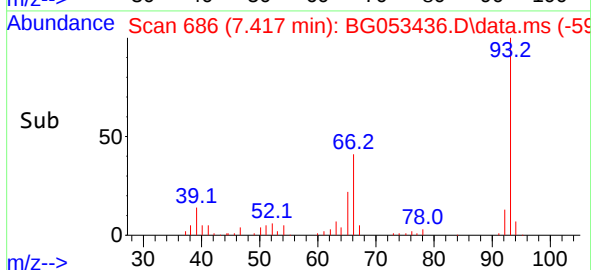
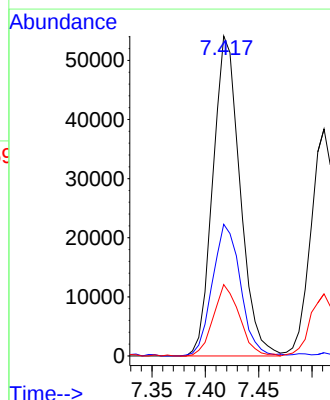
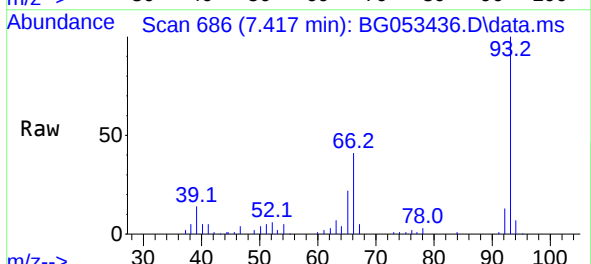
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Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022



#6  
Aniline  
Concen: 39.179 ng  
RT: 7.417 min Scan# 686  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

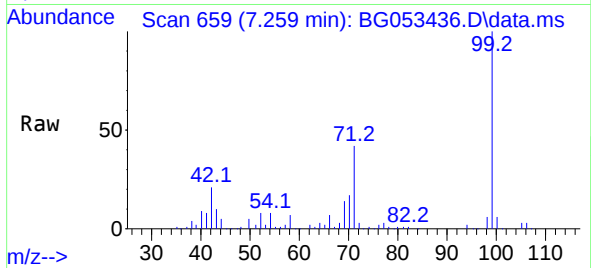
Tgt Ion: 93 Resp: 95906  
Ion Ratio Lower Upper  
93 100  
66 41.1 32.9 49.3  
65 22.3 17.8 26.8





#7  
Phenol-d6  
Concen: 81.270 ng  
RT: 7.259 min Scan# 659  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

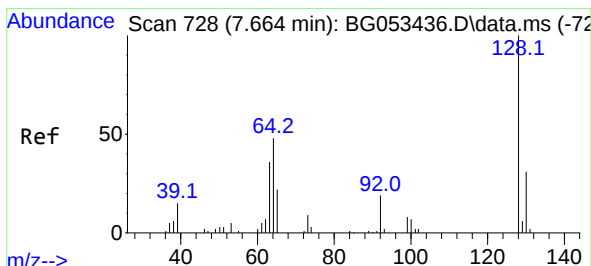
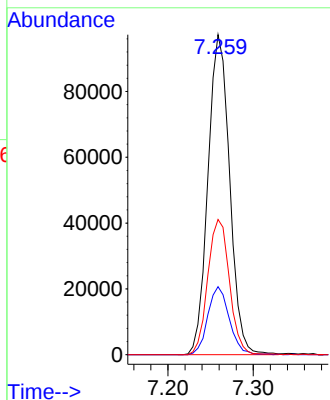
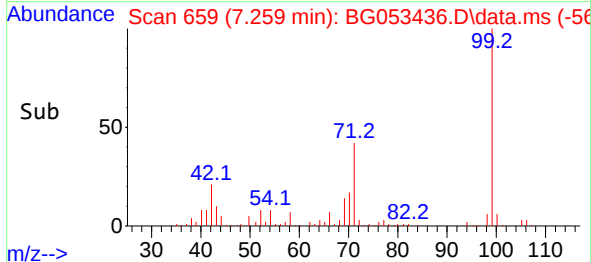
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



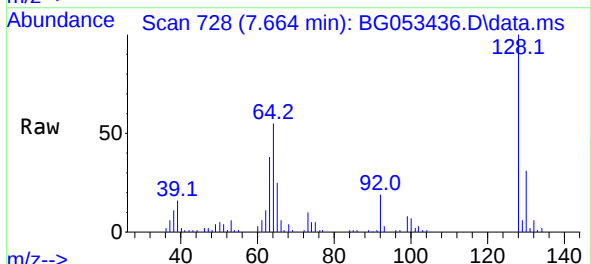
Tgt Ion: 99 Resp: 171658  
Ion Ratio Lower Upper  
99 100  
42 21.3 17.0 25.6  
71 42.3 33.8 50.8

Manual Integrations  
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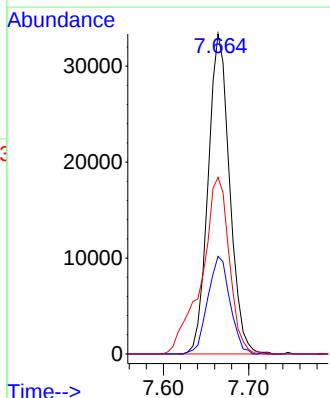
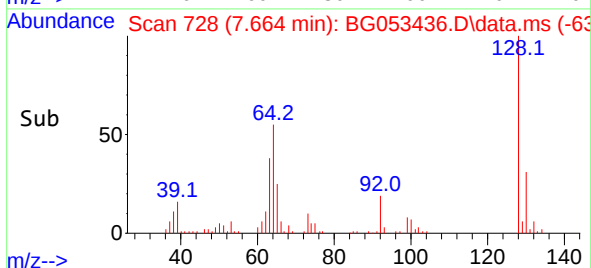
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022



#8  
2-Chlorophenol  
Concen: 39.417 ng  
RT: 7.664 min Scan# 728  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10



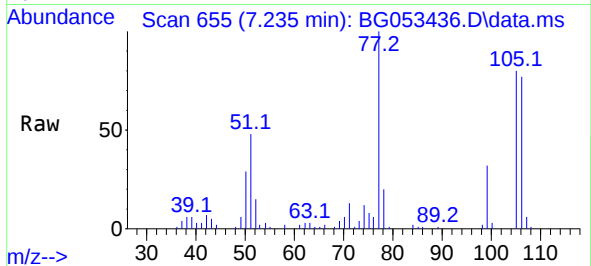
Tgt Ion:128 Resp: 58285  
Ion Ratio Lower Upper  
128 100  
130 30.5 10.5 50.5  
64 55.1 35.1 75.1





#9  
Benzaldehyde  
Concen: 40.056 ng m  
RT: 7.235 min Scan# 655  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

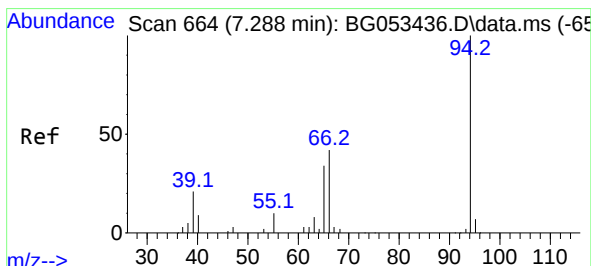
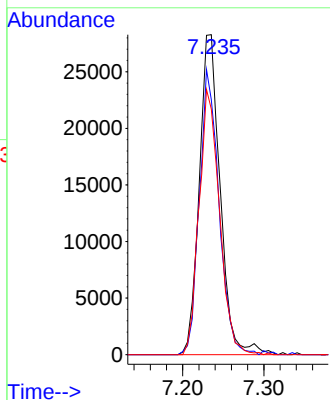
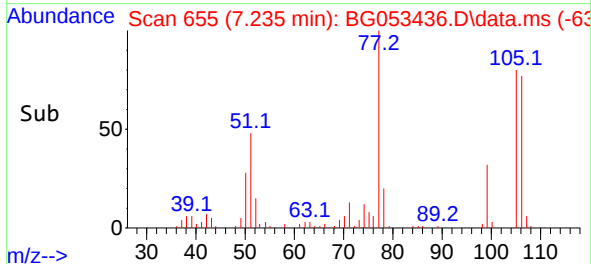
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion: 77 Resp: 50574  
Ion Ratio Lower Upper  
77 100  
105 79.6 59.6 99.6  
106 76.8 56.8 96.8

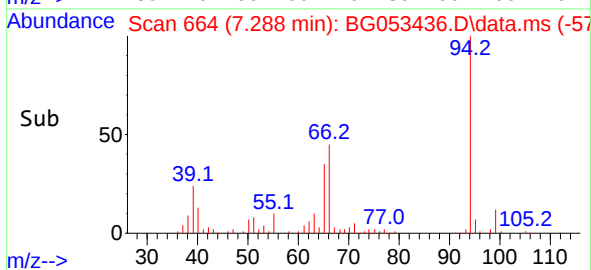
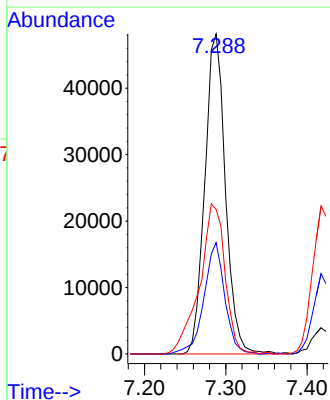
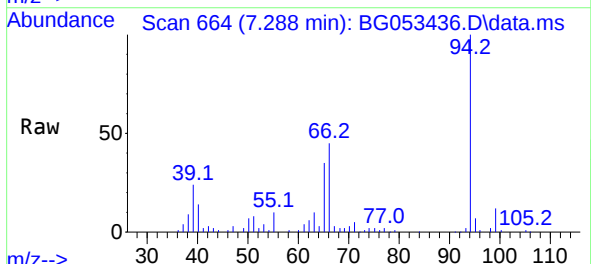
Manual Integrations  
APPROVED

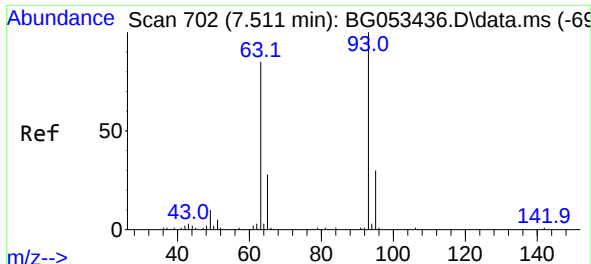
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022



#10  
Phenol  
Concen: 40.420 ng  
RT: 7.288 min Scan# 664  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

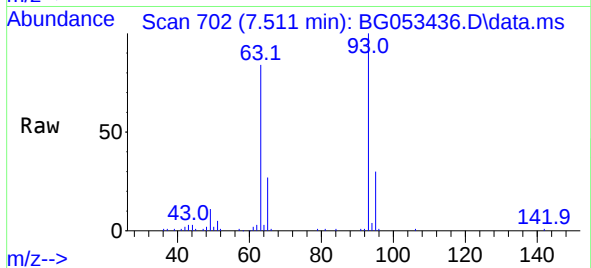
Tgt Ion: 94 Resp: 84982  
Ion Ratio Lower Upper  
94 100  
65 34.8 14.8 54.8  
66 45.2 25.2 65.2





#11  
bis(2-Chloroethyl)ether  
Concen: 41.897 ng  
RT: 7.511 min Scan# 702  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

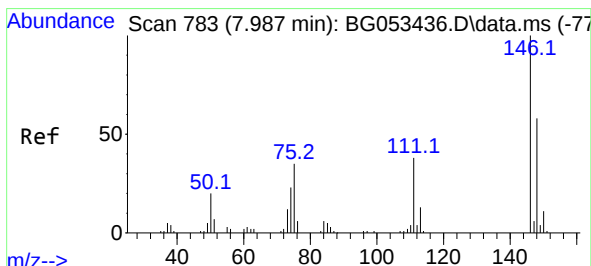
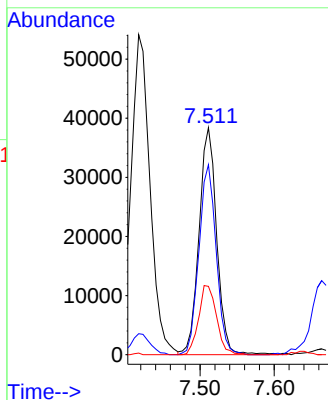
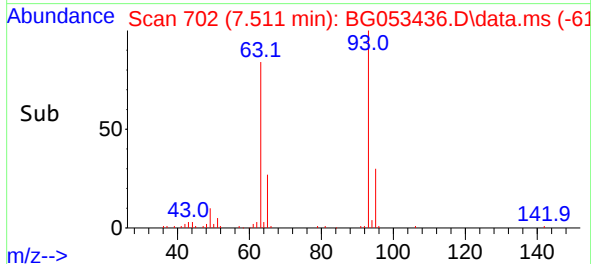
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



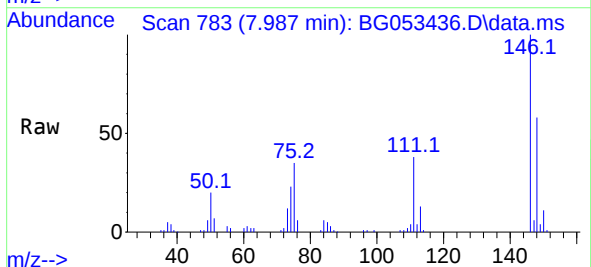
Tgt Ion: 93 Resp: 63498  
Ion Ratio Lower Upper  
93 100  
63 83.6 63.6 103.6  
95 30.1 10.1 50.1

Manual Integrations  
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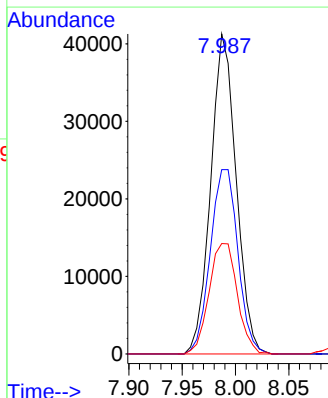
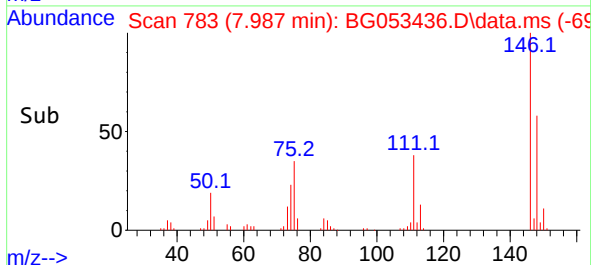
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022

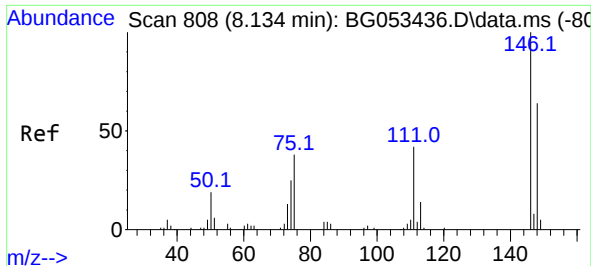


#12  
1,3-Dichlorobenzene  
Concen: 39.798 ng  
RT: 7.987 min Scan# 783  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10



Tgt Ion:146 Resp: 68384  
Ion Ratio Lower Upper  
146 100  
148 57.6 46.1 69.1  
75 34.5 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 38.626 ng

RT: 8.134 min Scan# 808

Delta R.T. 0.000 min

Lab File: BG053436.D

Acq: 4 May 2022 20:10

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

Tgt Ion:146 Resp: 6766

Ion Ratio Lower Upper

146 100

148 64.4 51.5 77.3

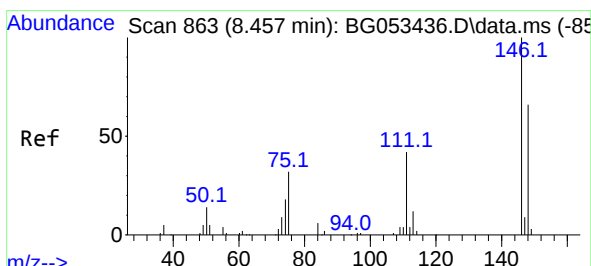
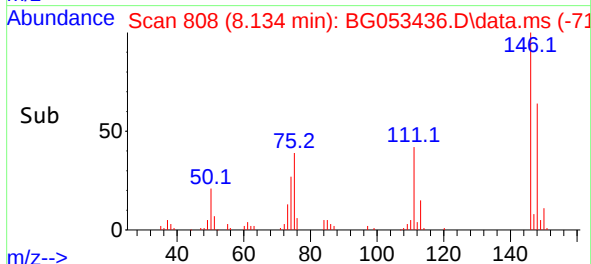
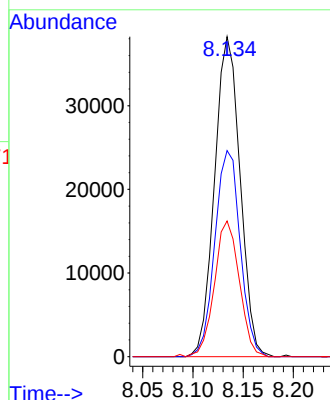
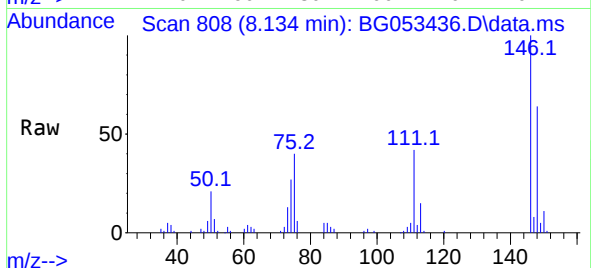
111 42.4 33.9 50.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2022

Supervised By :Jagrut Upadhyay 05/05/2022



#14

1,2-Dichlorobenzene

Concen: 38.431 ng

RT: 8.457 min Scan# 863

Delta R.T. 0.000 min

Lab File: BG053436.D

Acq: 4 May 2022 20:10

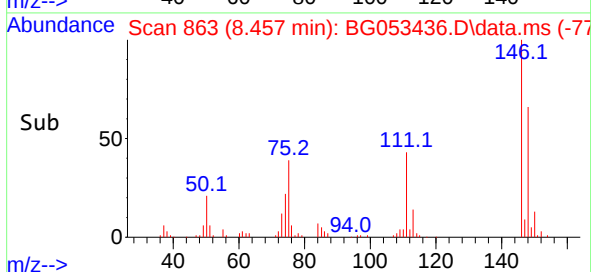
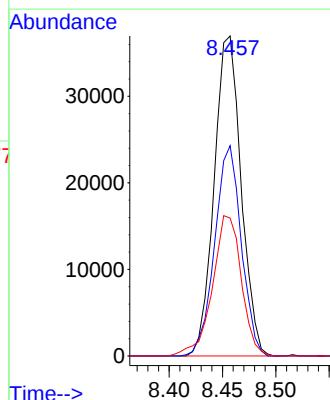
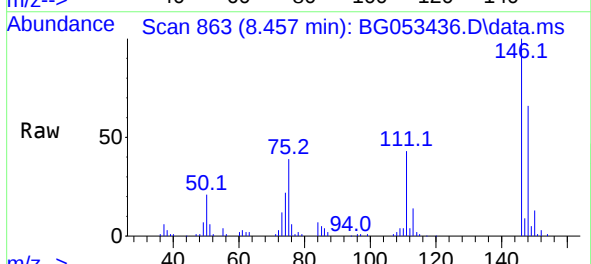
Tgt Ion:146 Resp: 64920

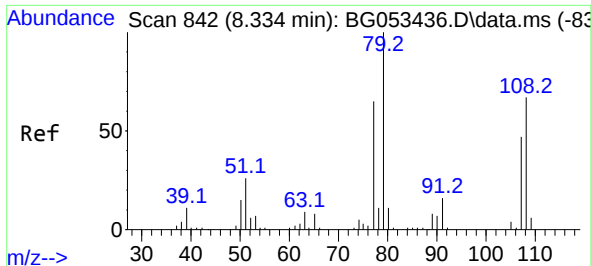
Ion Ratio Lower Upper

146 100

148 65.7 52.6 78.8

111 43.1 34.5 51.7





#15  
Benzyl Alcohol  
Concen: 38.522 ng  
RT: 8.334 min Scan# 842  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

Instrument :

BNA\_G

ClientSampleId :

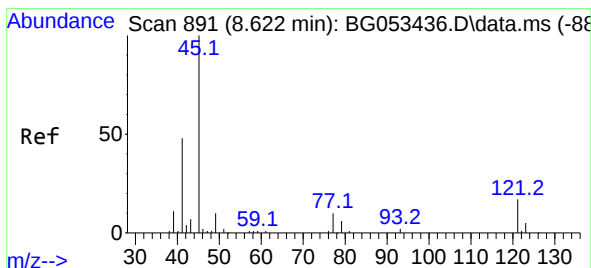
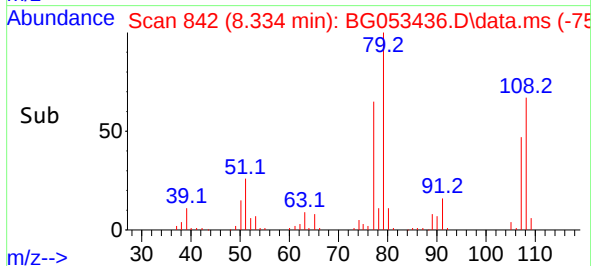
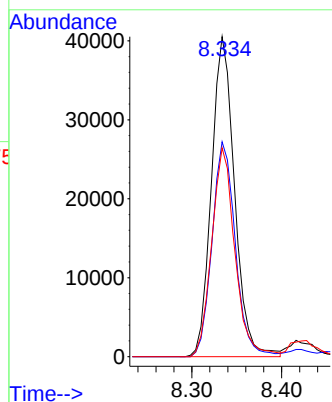
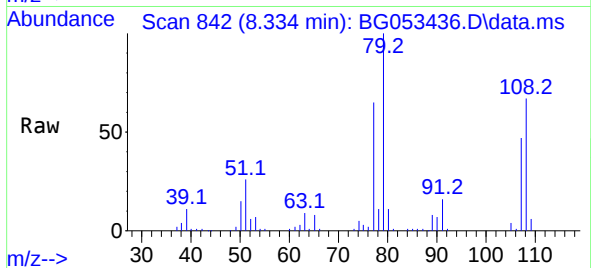
SSTDICCC040

Tgt Ion: 79 Resp: 7232  
Ion Ratio Lower Upper  
79 100  
108 67.1 53.7 80.5  
77 65.3 52.2 78.4

Manual Integrations

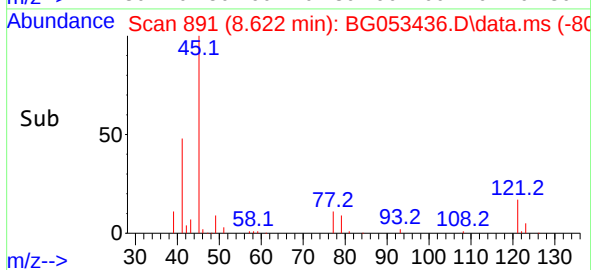
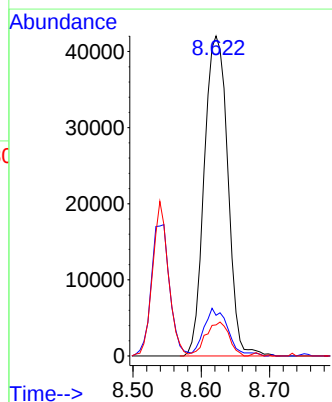
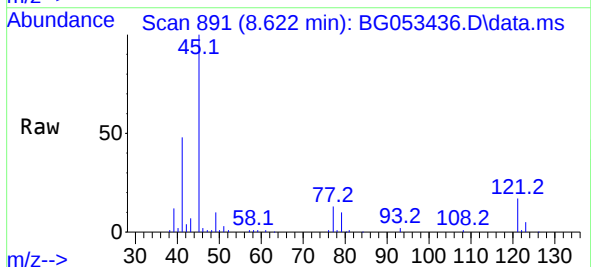
APPROVED

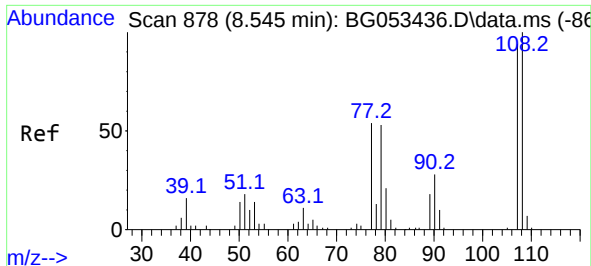
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.828 ng  
RT: 8.622 min Scan# 891  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

Tgt Ion: 45 Resp: 100778  
Ion Ratio Lower Upper  
45 100  
77 12.7 0.0 32.7  
79 9.7 0.0 29.7





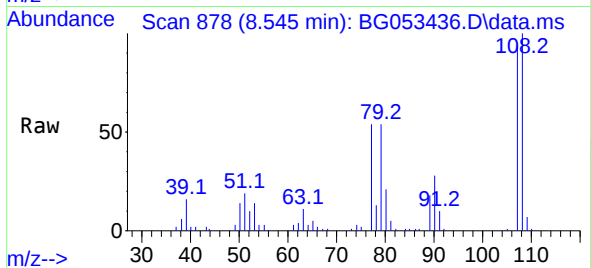
#17  
2-Methylphenol  
Concen: 39.391 ng  
RT: 8.545 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

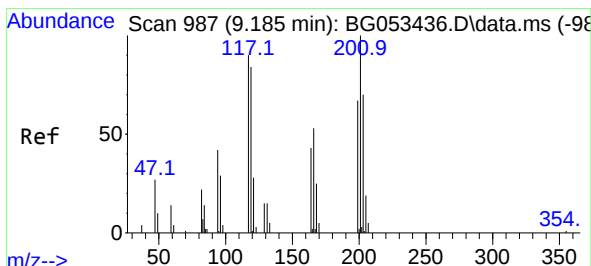
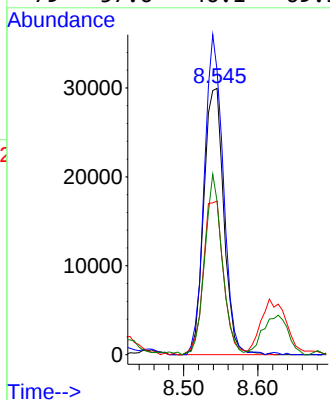
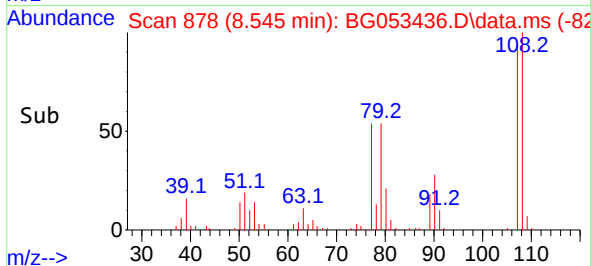


Tgt Ion:107 Resp: 5604  
Ion Ratio Lower Upper  
107 100  
108 106.7 85.4 128.0  
77 57.7 46.2 69.2  
79 57.6 46.1 69.1

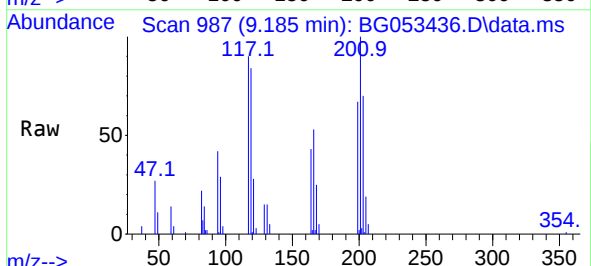
Manual Integrations

APPROVED

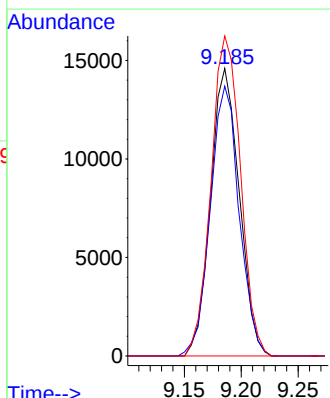
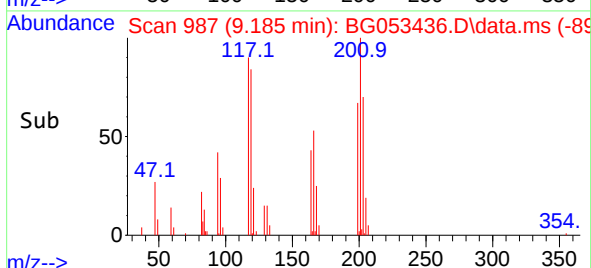
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022

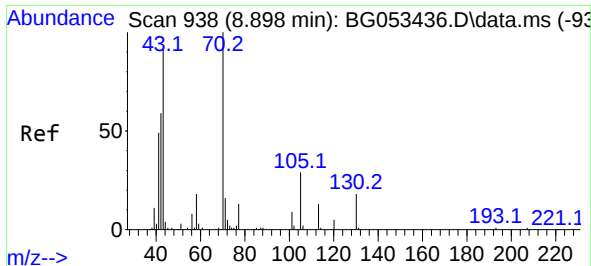


#18  
Hexachloroethane  
Concen: 39.038 ng  
RT: 9.185 min Scan# 987  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10



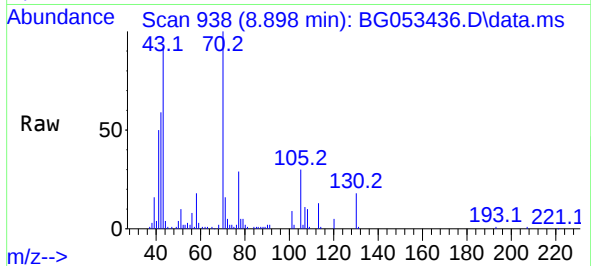
Tgt Ion:117 Resp: 25644  
Ion Ratio Lower Upper  
117 100  
119 93.8 75.0 112.6  
201 111.3 89.0 133.6





#19  
n-Nitroso-di-n-propylamine  
Concen: 39.537 ng  
RT: 8.898 min Scan# 913  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

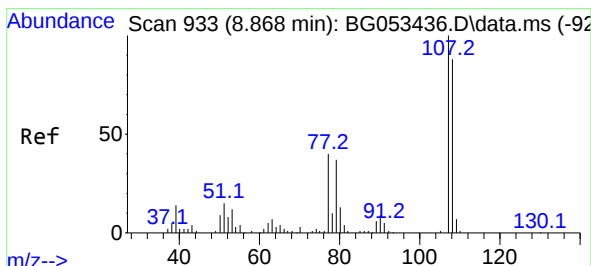
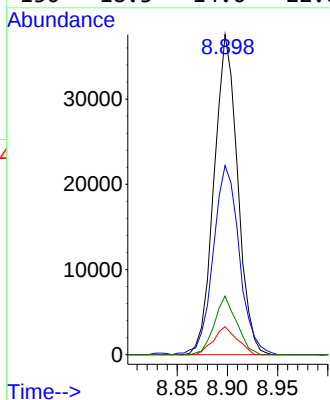
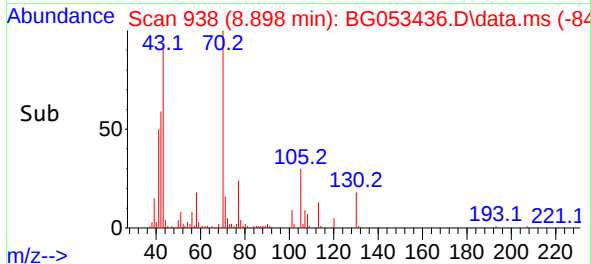
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



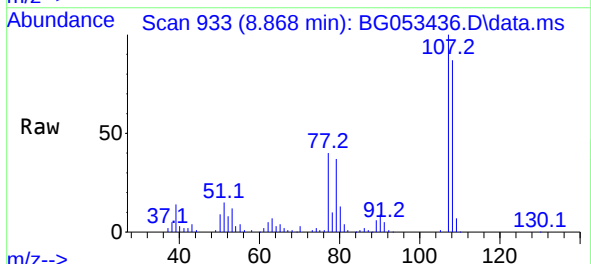
Tgt Ion: 70 Resp: 61139  
Ion Ratio Lower Upper  
70 100  
42 59.1 47.3 70.9  
101 8.7 7.0 10.4  
130 18.3 14.6 22.0

Manual Integrations  
APPROVED

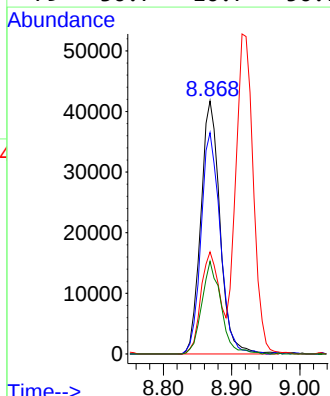
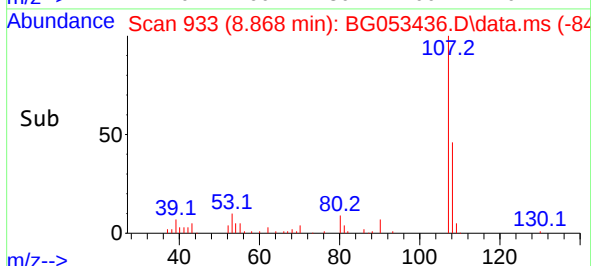
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022

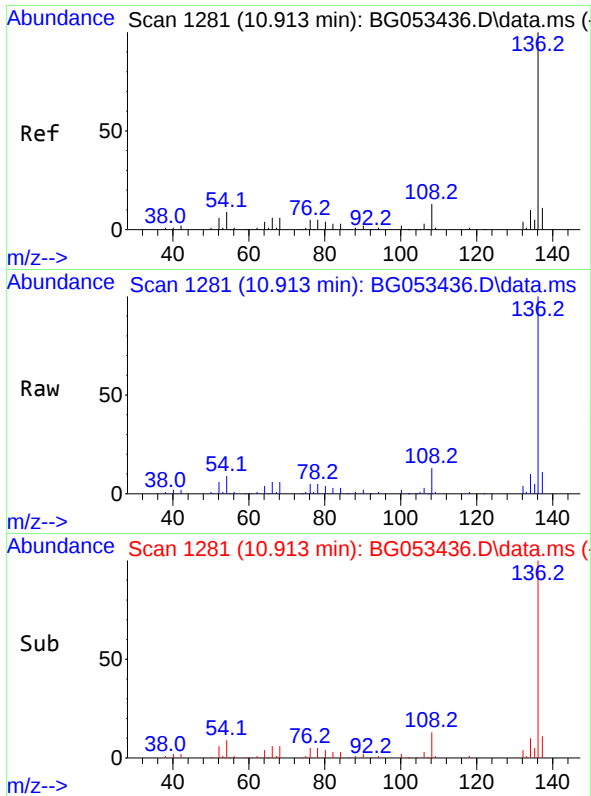


#20  
3+4-Methylphenols  
Concen: 40.531 ng  
RT: 8.868 min Scan# 933  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10



Tgt Ion:107 Resp: 81404  
Ion Ratio Lower Upper  
107 100  
108 87.5 67.5 107.5  
77 40.3 20.3 60.3  
79 36.7 16.7 56.7





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.913 min Scan# 1281  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

Instrument :

BNA\_G

ClientSampleId :

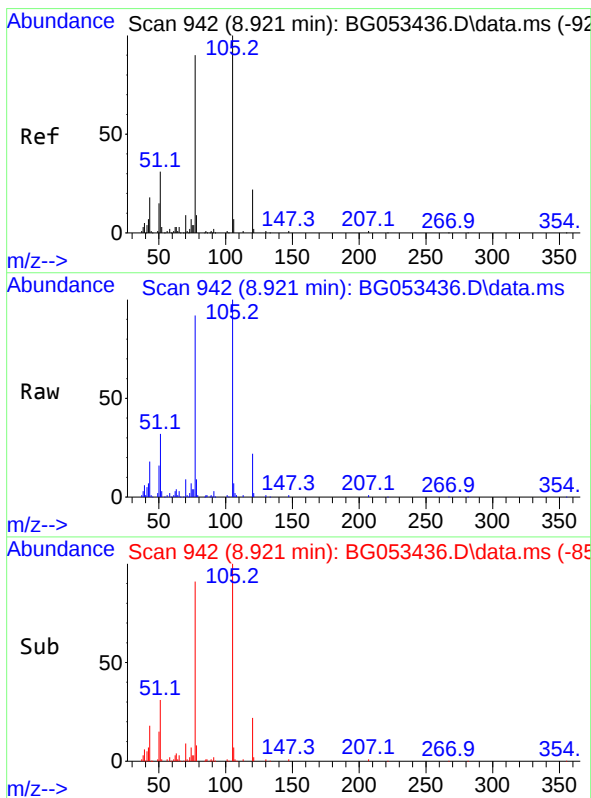
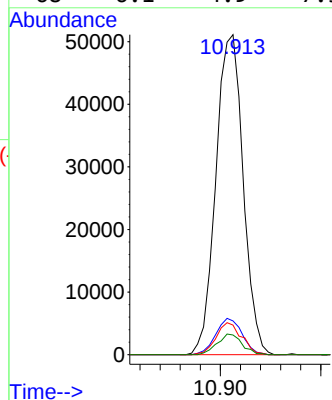
SSTDICCC040

Tgt Ion:136 Resp: 96339  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.5 12.7  
54 9.3 7.4 11.2  
68 6.1 4.9 7.3

Manual Integrations

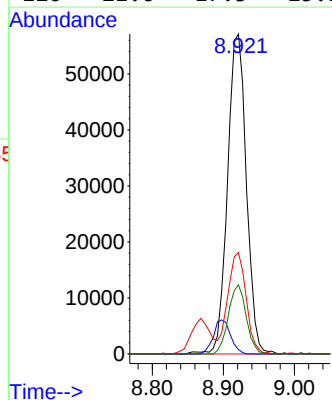
APPROVED

Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022



#22  
Acetophenone  
Concen: 39.325 ng  
RT: 8.921 min Scan# 942  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

Tgt Ion:105 Resp: 105106  
Ion Ratio Lower Upper  
105 100  
71 1.4 1.1 1.7  
51 31.7 25.4 38.0  
120 21.6 17.3 25.9





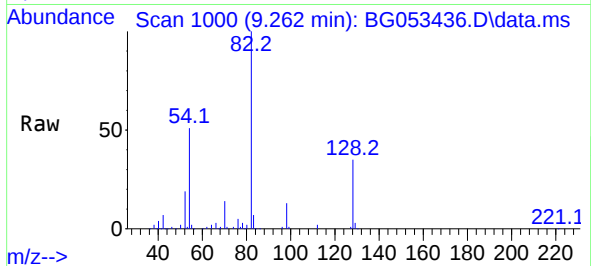
#23  
Nitrobenzene-d5  
Concen: 78.389 ng  
RT: 9.262 min Scan# 1000  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

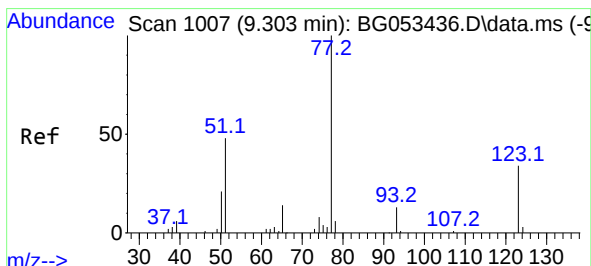
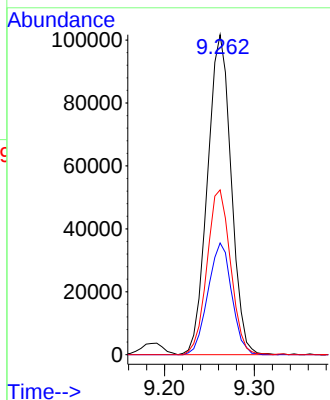
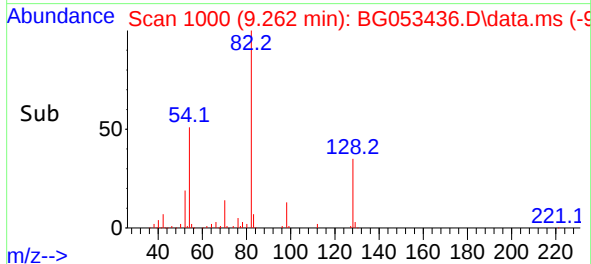


Tgt Ion: 82 Resp: 185992  
Ion Ratio Lower Upper  
82 100  
128 34.9 27.9 41.9  
54 51.5 41.2 61.8

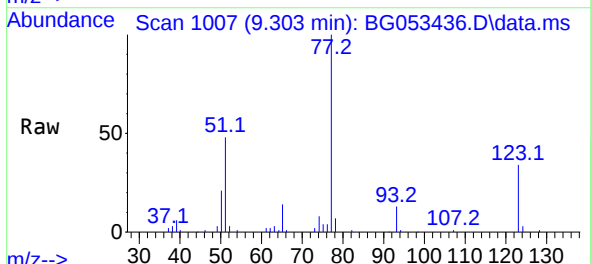
Manual Integrations

APPROVED

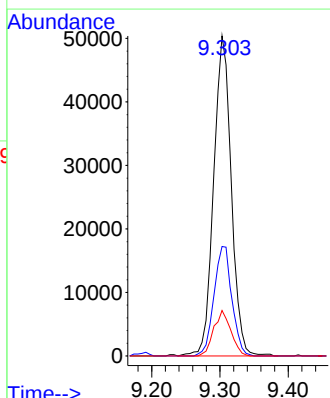
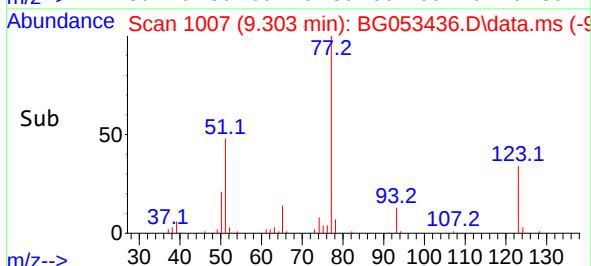
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022

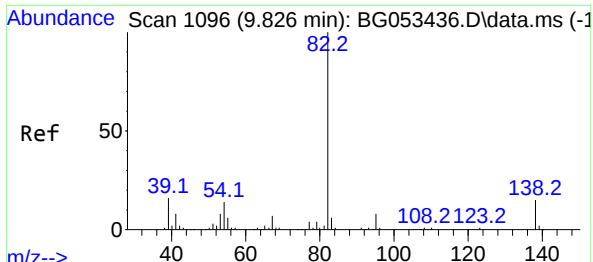


#24  
Nitrobenzene  
Concen: 39.249 ng  
RT: 9.303 min Scan# 1007  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10



Tgt Ion: 77 Resp: 90581  
Ion Ratio Lower Upper  
77 100  
123 34.2 27.4 41.0  
65 14.2 11.4 17.0





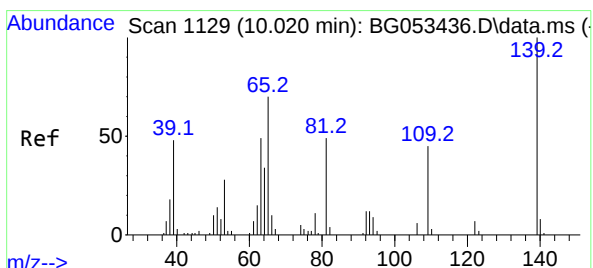
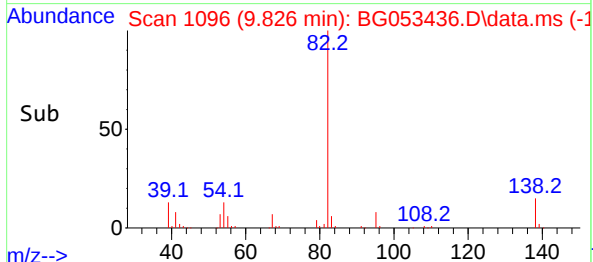
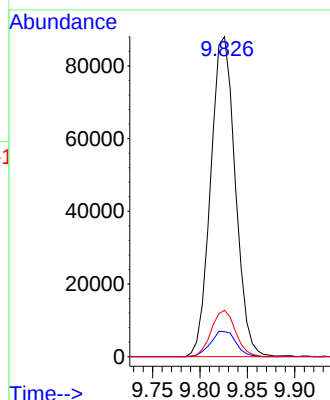
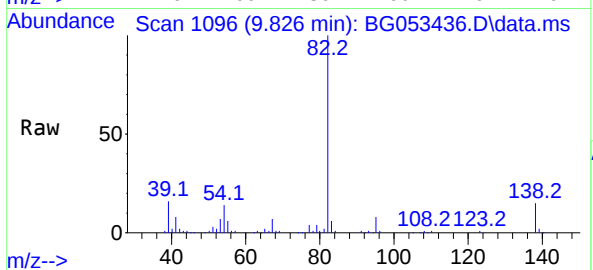
#25  
Isophorone  
Concen: 39.429 ng  
RT: 9.826 min Scan# 1096  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

Tgt Ion: 82 Resp: 15901  
Ion Ratio Lower Upper  
82 100  
95 7.8 6.2 9.4  
138 14.5 11.6 17.4

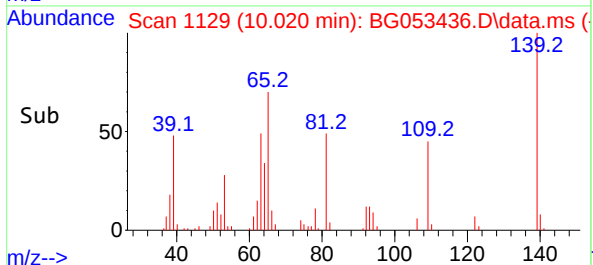
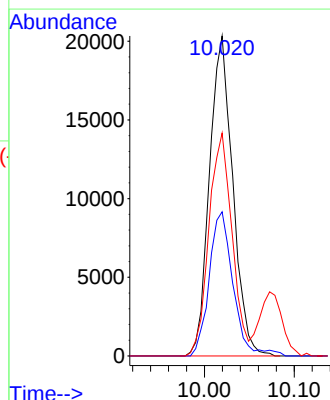
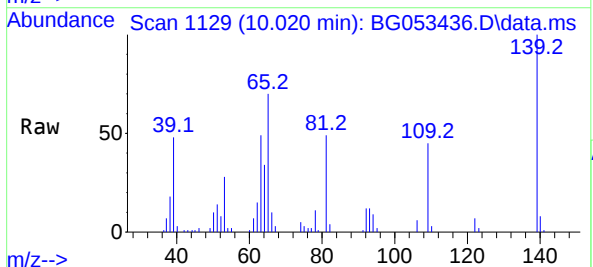
Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022



#26  
2-Nitrophenol  
Concen: 37.944 ng  
RT: 10.020 min Scan# 1129  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

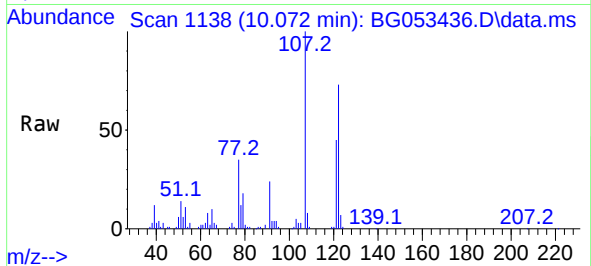
Tgt Ion:139 Resp: 36618  
Ion Ratio Lower Upper  
139 100  
109 45.1 36.1 54.1  
65 69.7 55.8 83.6





#27  
2,4-Dimethylphenol  
Concen: 39.773 ng  
RT: 10.072 min Scan# 1138  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

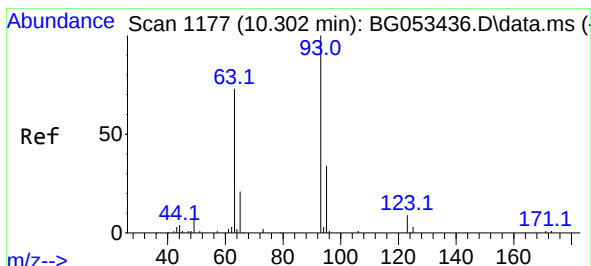
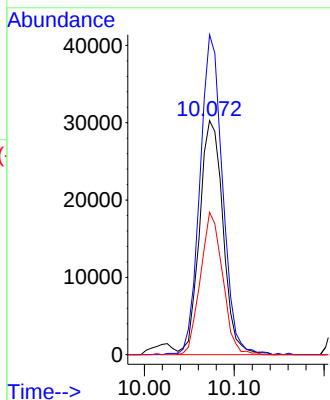
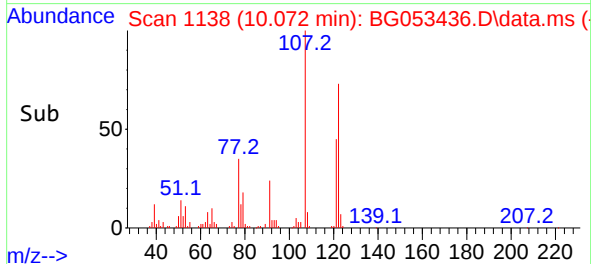
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:122 Resp: 5497  
Ion Ratio Lower Upper  
122 100  
107 136.7 109.4 164.0  
121 60.9 48.7 73.1

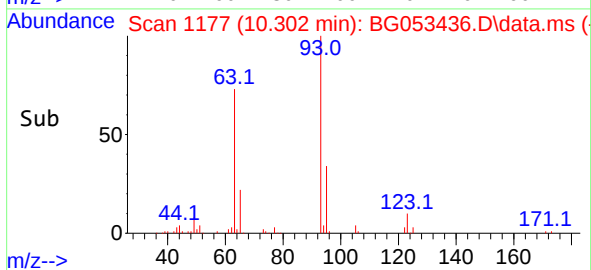
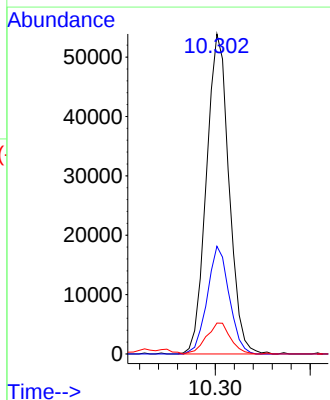
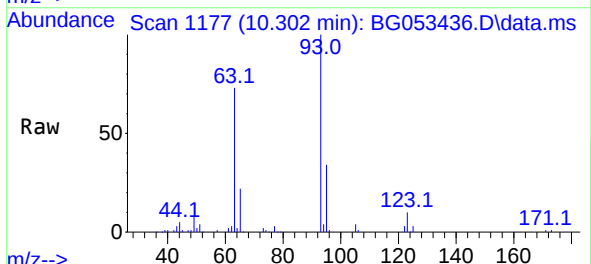
Manual Integrations  
APPROVED

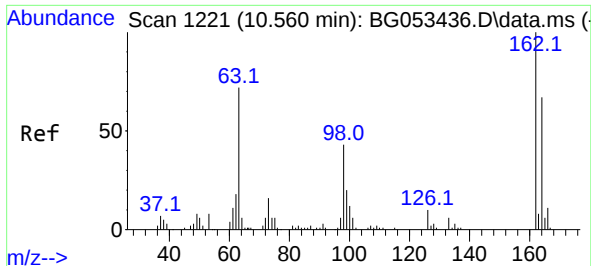
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022



#28  
bis(2-Chloroethoxy)methane  
Concen: 39.338 ng  
RT: 10.302 min Scan# 1177  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

Tgt Ion: 93 Resp: 89126  
Ion Ratio Lower Upper  
93 100  
95 33.6 26.9 40.3  
123 9.6 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 39.369 ng

RT: 10.560 min Scan# 1221

Delta R.T. 0.000 min

Lab File: BG053436.D

Acq: 4 May 2022 20:10

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

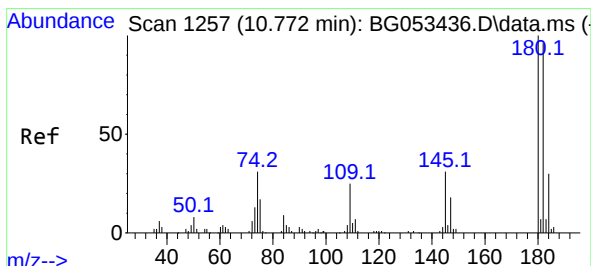
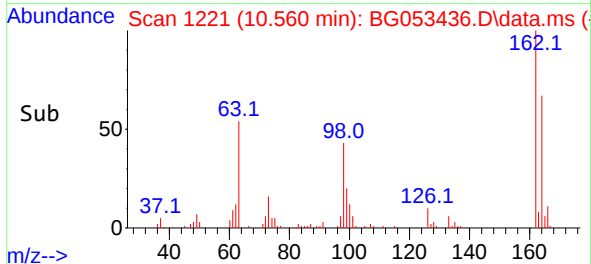
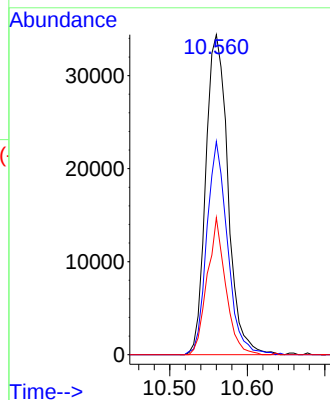
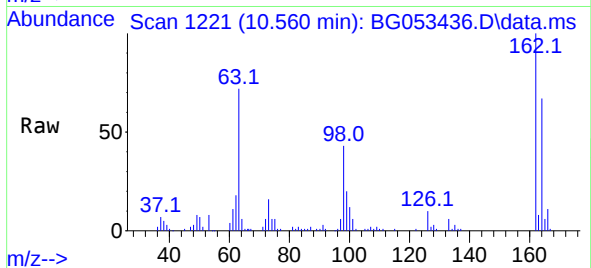
Tgt Ion:162 Resp: 68404

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 164 | 66.6  | 46.6  | 86.6  |
| 98  | 42.8  | 22.8  | 62.8  |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022



#30

1,2,4-Trichlorobenzene

Concen: 37.554 ng

RT: 10.772 min Scan# 1257

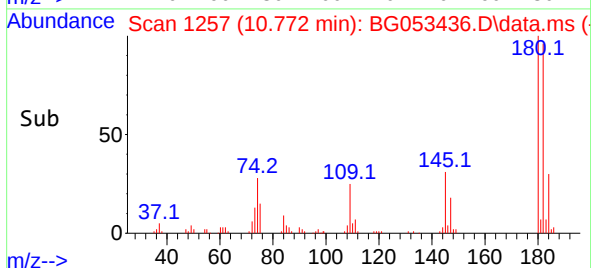
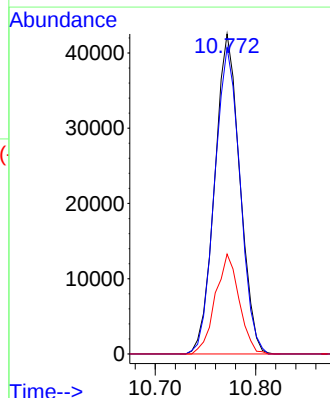
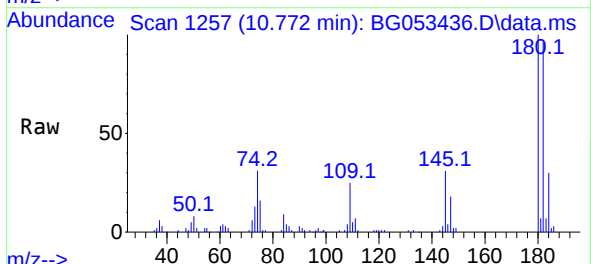
Delta R.T. 0.000 min

Lab File: BG053436.D

Acq: 4 May 2022 20:10

Tgt Ion:180 Resp: 73851

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 95.8  | 76.6  | 115.0 |
| 145 | 31.2  | 25.0  | 37.4  |





#31  
Naphthalene  
Concen: 38.494 ng  
RT: 10.960 min Scan# 1289  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

Instrument :

BNA\_G

ClientSampleId :

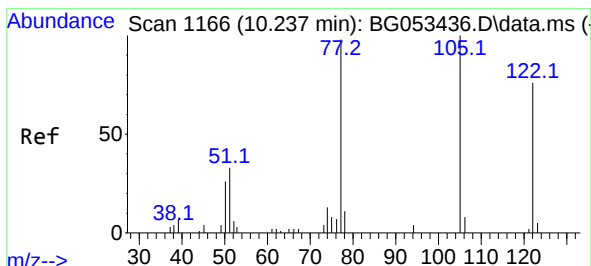
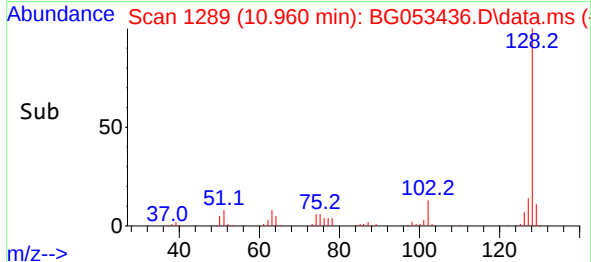
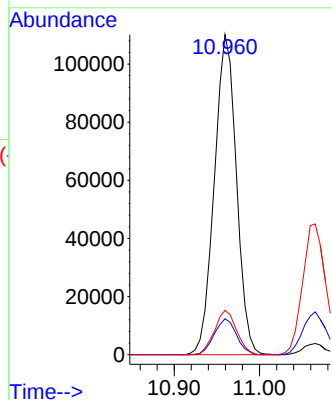
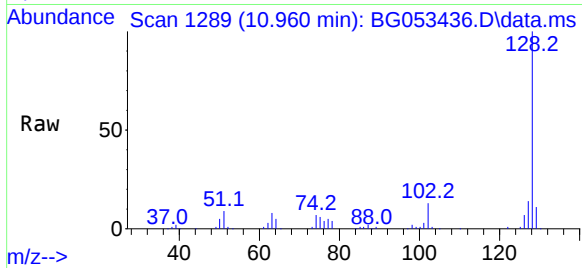
SSTDICCC040

Tgt Ion:128 Resp: 197850  
Ion Ratio Lower Upper  
128 100  
129 11.3 9.0 13.6  
127 13.9 11.1 16.7

Manual Integrations

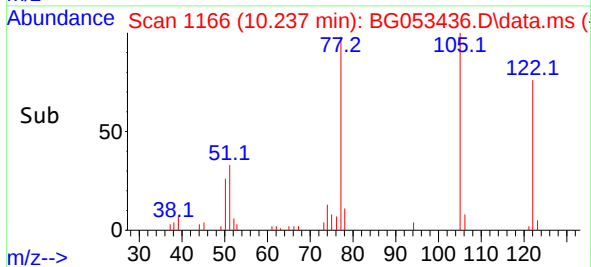
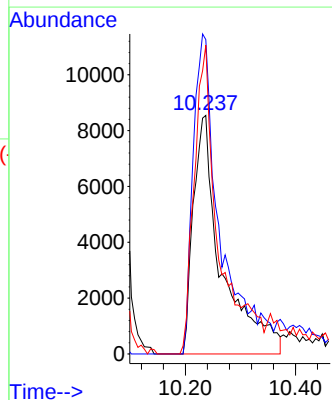
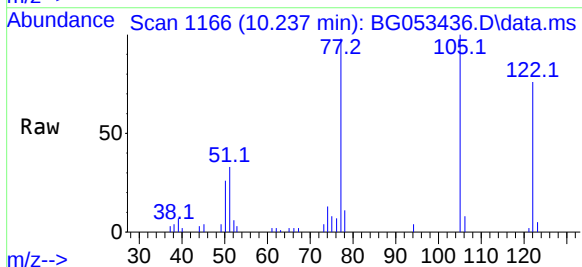
APPROVED

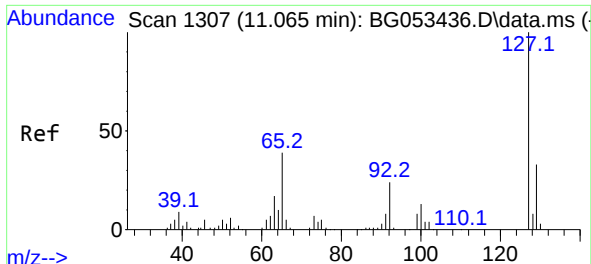
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022



#32  
Benzoic acid  
Concen: 40.899 ng  
RT: 10.237 min Scan# 1166  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

Tgt Ion:122 Resp: 30608  
Ion Ratio Lower Upper  
122 100  
105 131.8 111.8 151.8  
77 129.4 109.4 149.4





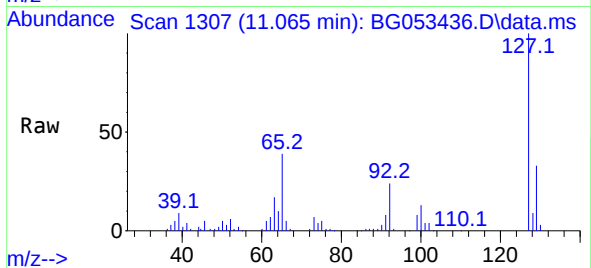
#33  
4-Chloroaniline  
Concen: 39.346 ng  
RT: 11.065 min Scan# 1106  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

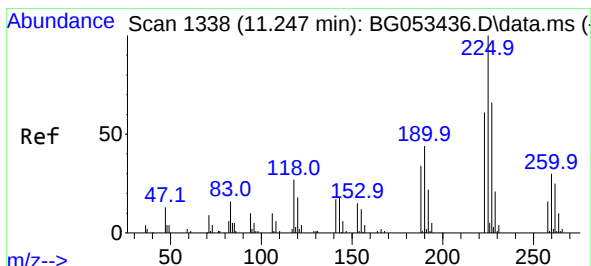
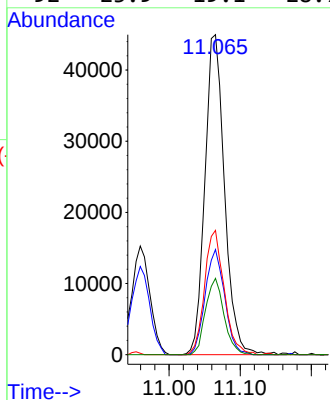
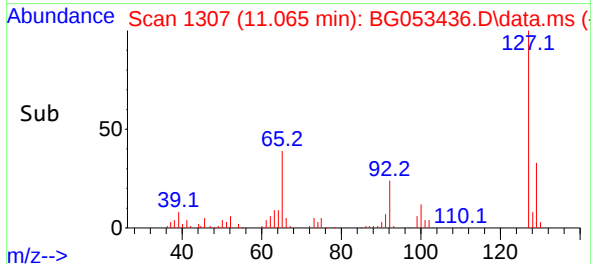


|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 86604 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 32.9  | 26.3  | 39.5  |
| 65        | 38.9  | 31.1  | 46.7  |
| 92        | 23.9  | 19.1  | 28.7  |

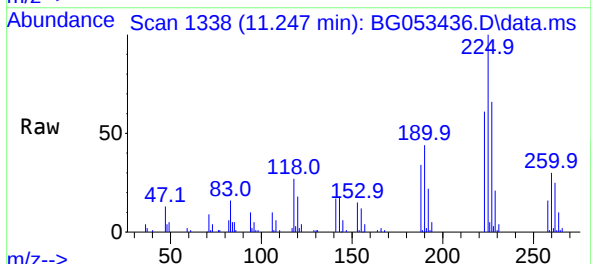
Manual Integrations

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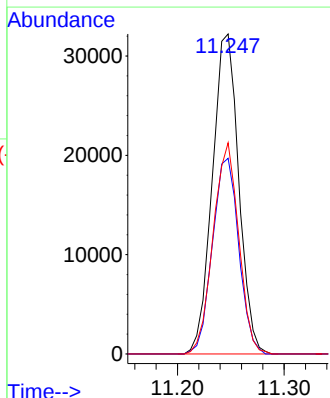
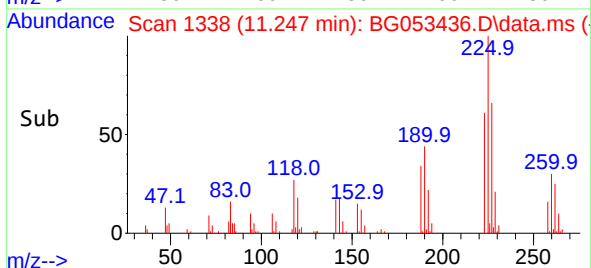
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022

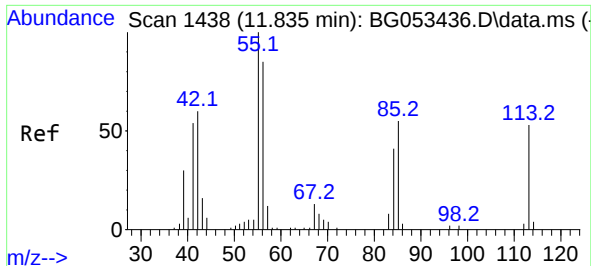


#34  
Hexachlorobutadiene  
Concen: 37.891 ng  
RT: 11.247 min Scan# 1338  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 55350 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 61.1  | 48.9  | 73.3  |
| 227       | 66.0  | 52.8  | 79.2  |





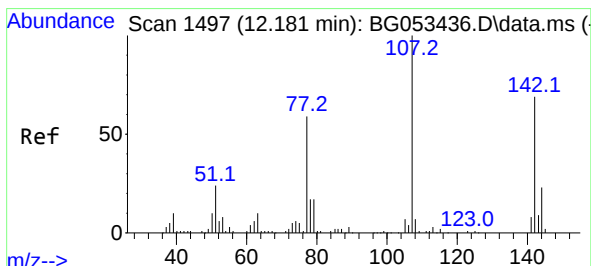
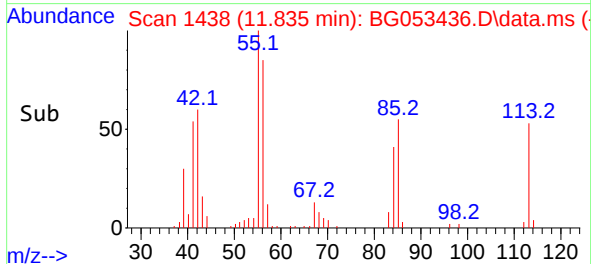
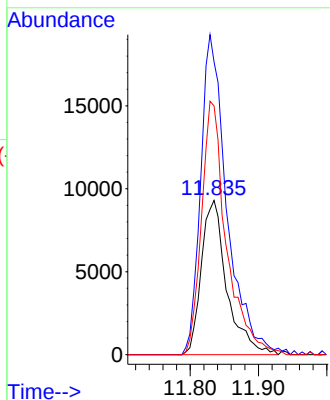
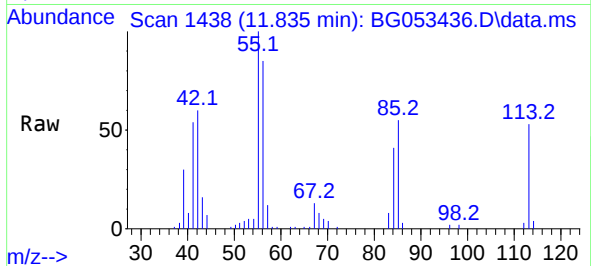
#35  
Caprolactam  
Concen: 39.473 ng  
RT: 11.835 min Scan# 1438  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

Tgt Ion:113 Resp: 2417  
Ion Ratio Lower Upper  
113 100  
55 189.8 169.8 209.8  
56 161.2 141.2 181.2

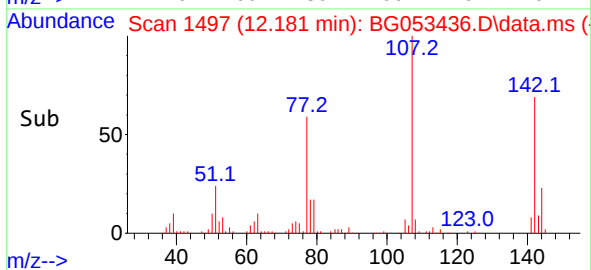
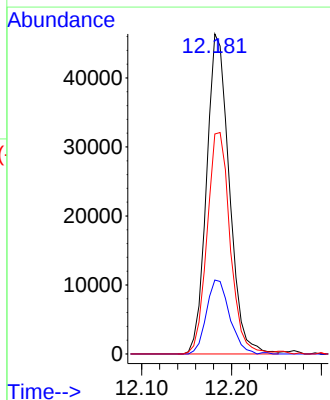
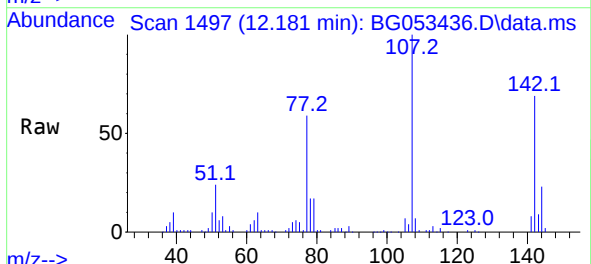
Manual Integrations  
APPROVED

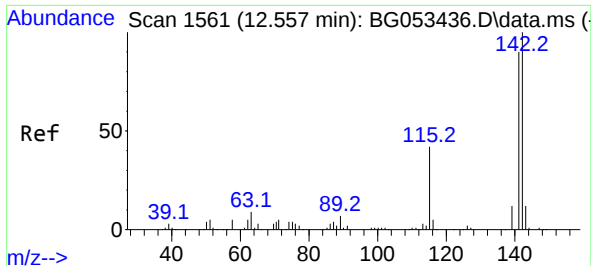
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022



#36  
4-Chloro-3-methylphenol  
Concen: 40.280 ng  
RT: 12.181 min Scan# 1497  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

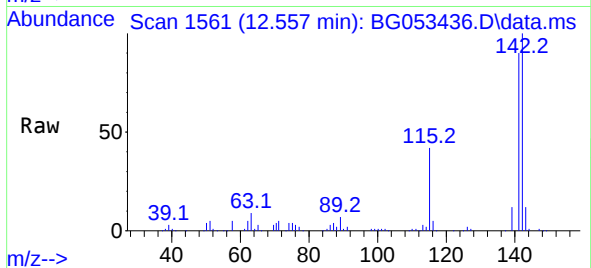
Tgt Ion:107 Resp: 81480  
Ion Ratio Lower Upper  
107 100  
144 23.1 18.5 27.7  
142 68.7 55.0 82.4





#37  
2-Methylnaphthalene  
Concen: 39.466 ng  
RT: 12.557 min Scan# 1561  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

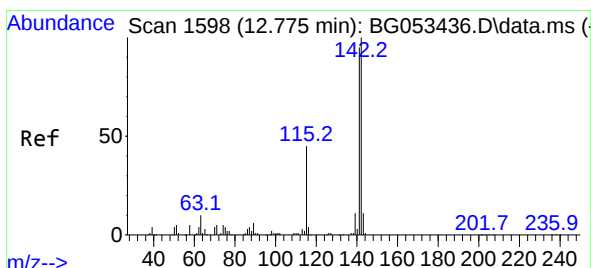
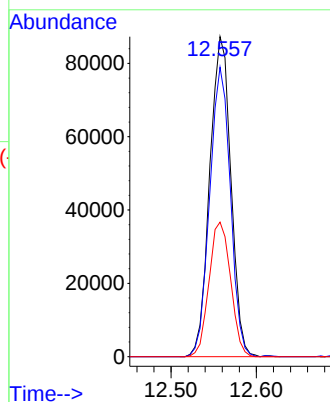
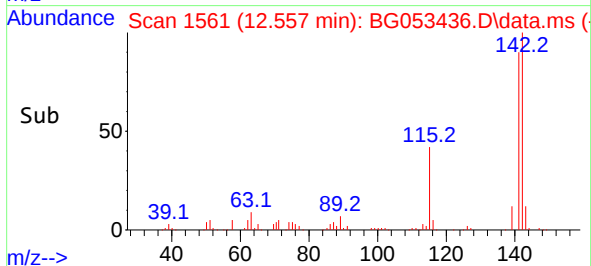
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



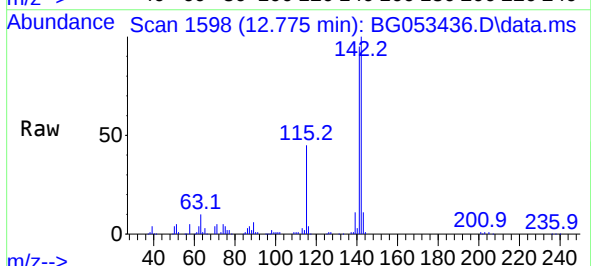
Tgt Ion:142 Resp: 150099  
Ion Ratio Lower Upper  
142 100  
141 90.4 72.3 108.5  
115 42.1 33.7 50.5

Manual Integrations  
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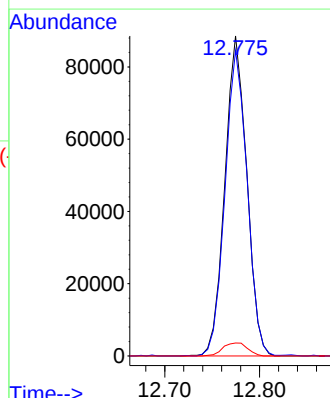
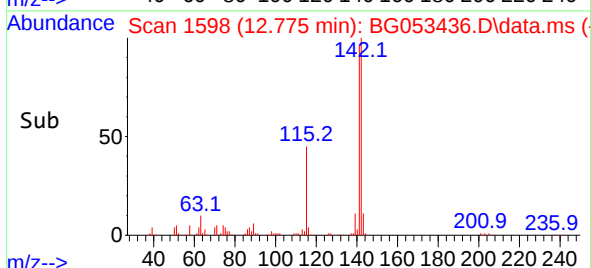
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022

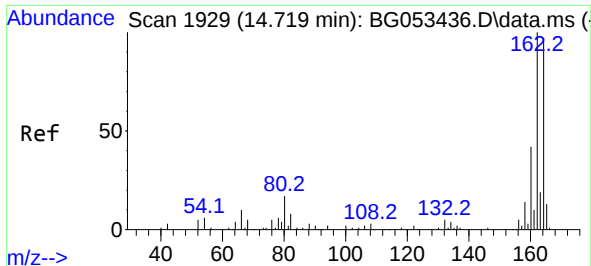


#38  
1-Methylnaphthalene  
Concen: 38.305 ng  
RT: 12.775 min Scan# 1598  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10



Tgt Ion:142 Resp: 142203  
Ion Ratio Lower Upper  
142 100  
141 95.5 76.4 114.6  
116 4.1 3.3 4.9





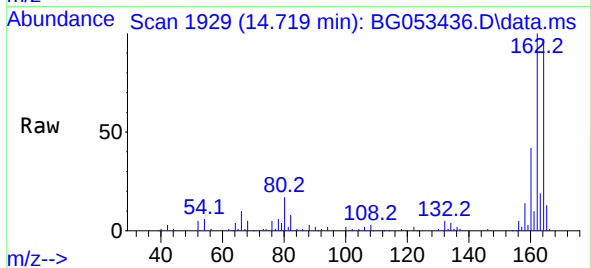
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.719 min Scan# 1929  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

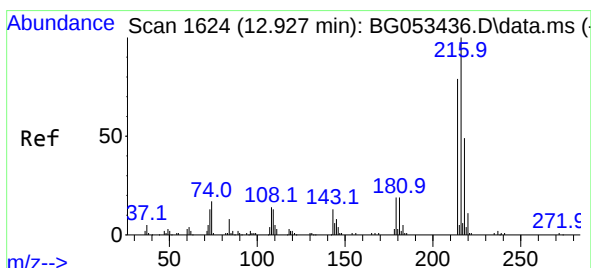
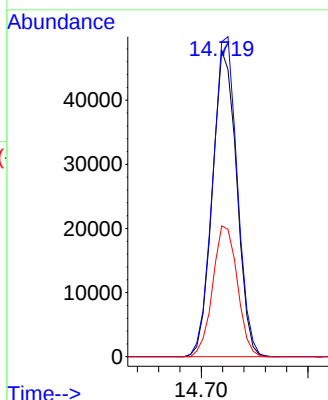
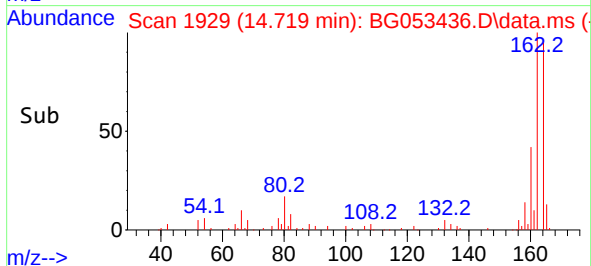


Tgt Ion:164 Resp: 7535  
Ion Ratio Lower Upper  
164 100  
162 102.9 82.3 123.5  
160 42.7 34.2 51.2

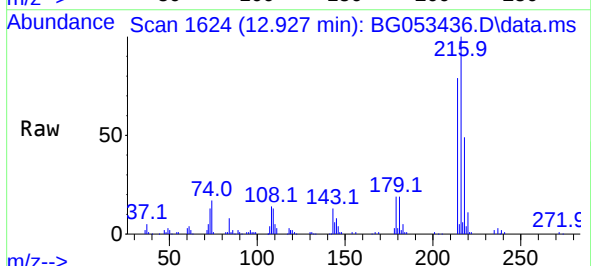
Manual Integrations

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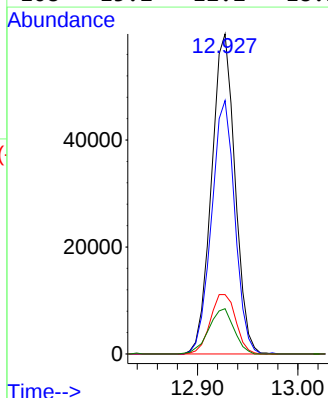
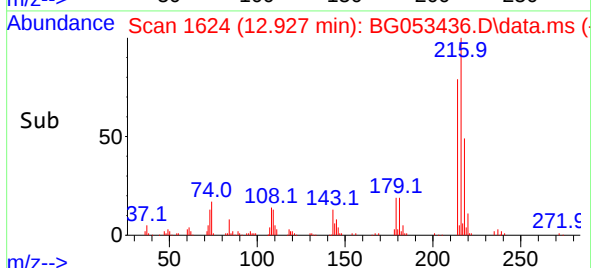
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022

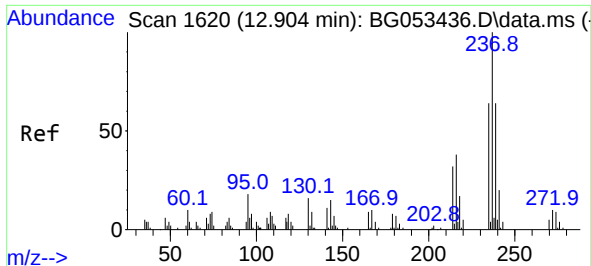


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 37.932 ng  
RT: 12.927 min Scan# 1624  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10



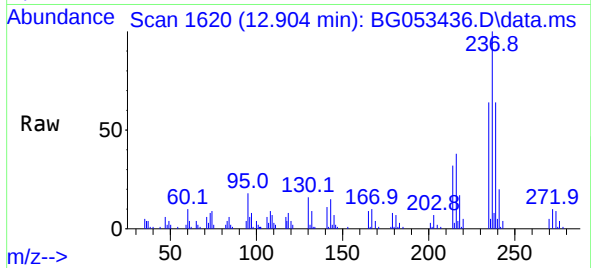
Tgt Ion:216 Resp: 97082  
Ion Ratio Lower Upper  
216 100  
214 78.6 62.9 94.3  
179 20.1 16.1 24.1  
108 15.2 12.2 18.2





#41  
Hexachlorocyclopentadiene  
Concen: 24.384 ng  
RT: 12.904 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

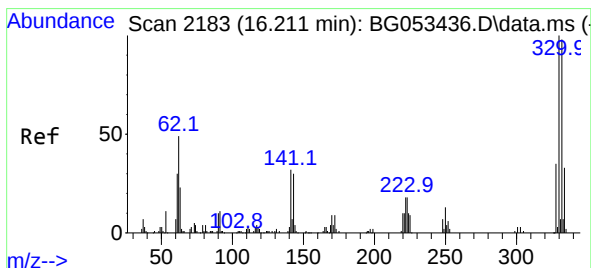
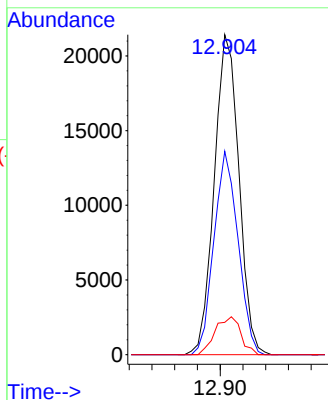
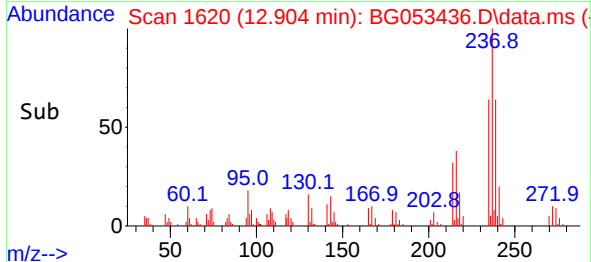
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



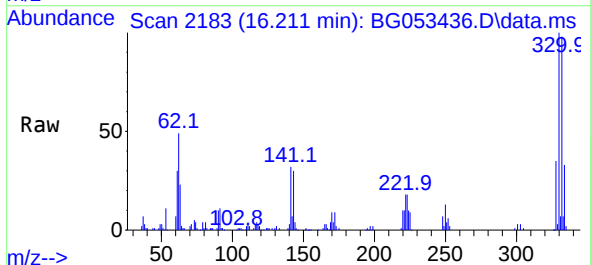
Tgt Ion:237 Resp: 32210  
Ion Ratio Lower Upper  
237 100  
235 63.5 43.5 83.5  
272 10.1 0.0 30.1

Manual Integrations  
APPROVED

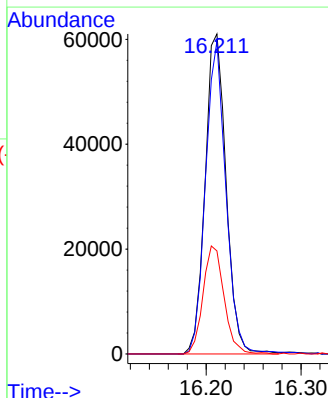
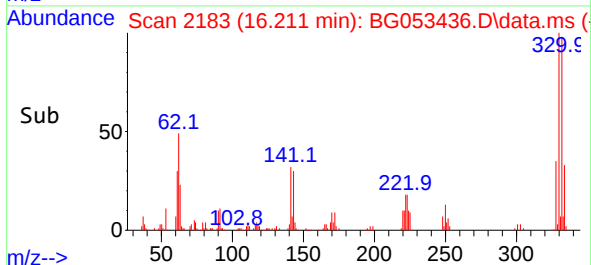
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022

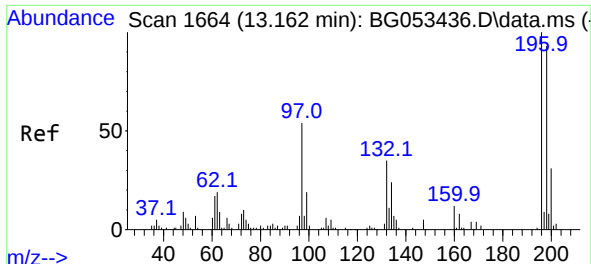


#42  
2,4,6-Tribromophenol  
Concen: 78.318 ng  
RT: 16.211 min Scan# 2183  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10



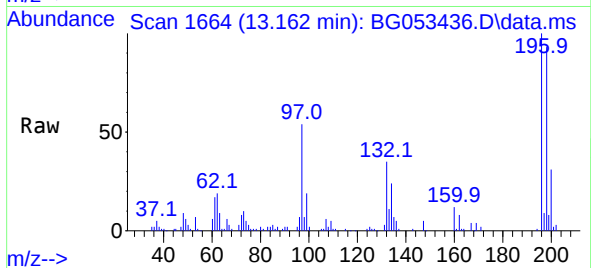
Tgt Ion:330 Resp: 93896  
Ion Ratio Lower Upper  
330 100  
332 95.0 76.0 114.0  
141 33.9 27.1 40.7





#43  
2,4,6-Trichlorophenol  
Concen: 37.663 ng  
RT: 13.162 min Scan# 1664  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

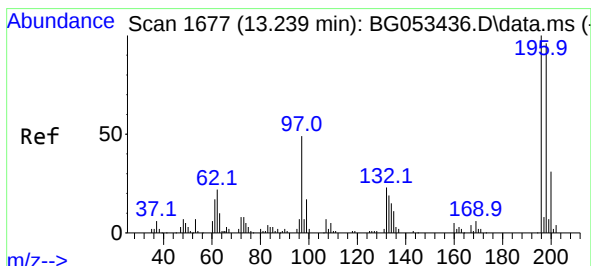
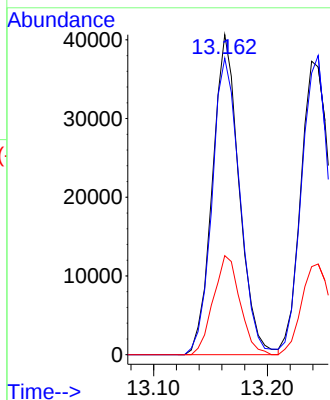
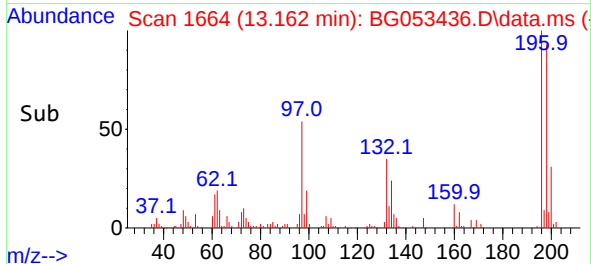
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



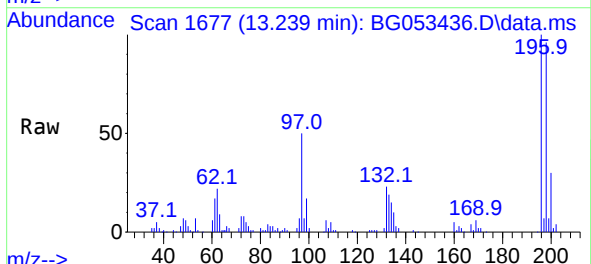
Tgt Ion:196 Resp: 6646  
Ion Ratio Lower Upper  
196 100  
198 92.6 74.1 111.1  
200 30.9 24.7 37.1

Manual Integrations  
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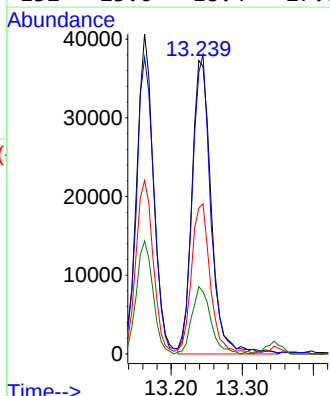
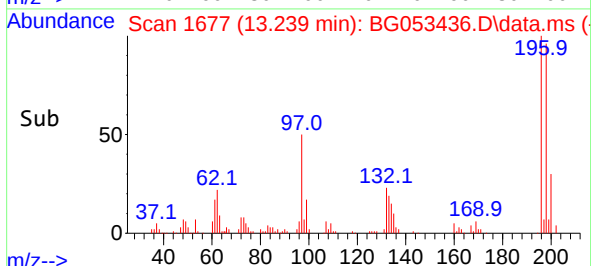
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022

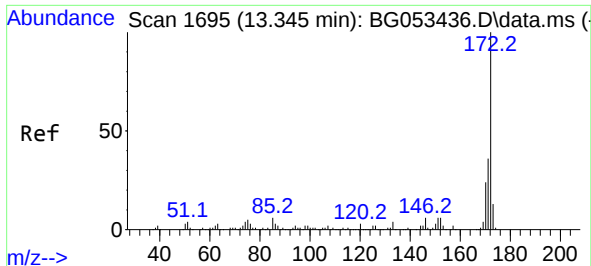


#44  
2,4,5-Trichlorophenol  
Concen: 37.432 ng  
RT: 13.239 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10



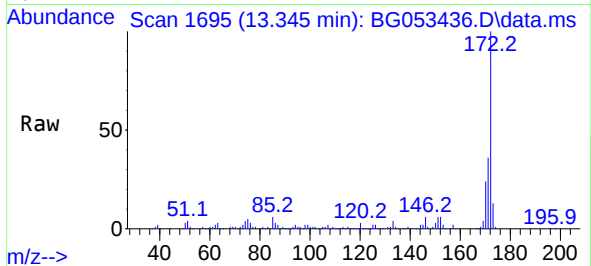
Tgt Ion:196 Resp: 70388  
Ion Ratio Lower Upper  
196 100  
198 96.0 76.8 115.2  
97 49.7 39.8 59.6  
132 23.0 18.4 27.6





#45  
2-Fluorobiphenyl  
Concen: 75.890 ng  
RT: 13.345 min Scan# 1695  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

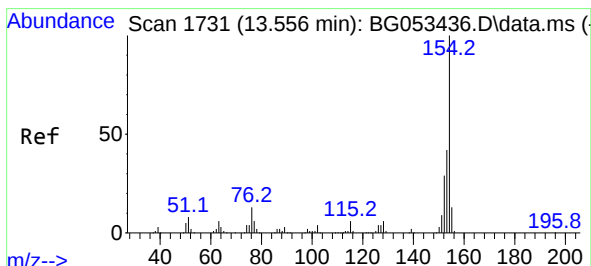
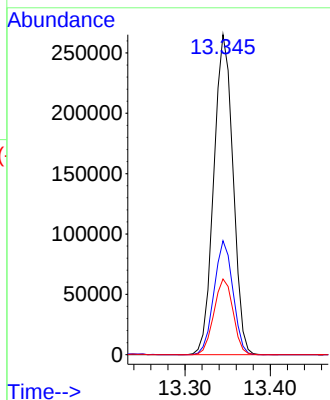
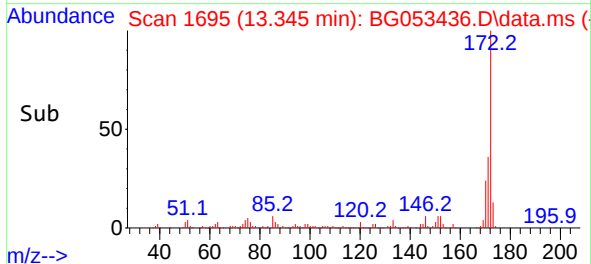
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



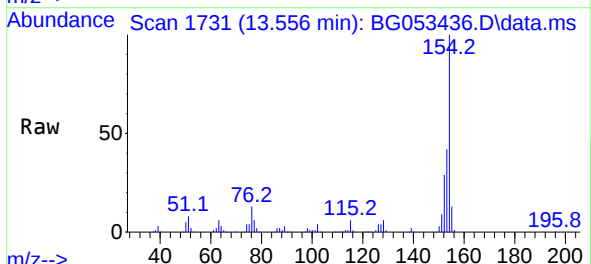
Tgt Ion:172 Resp: 414738  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.5 42.7  
170 23.6 18.9 28.3

Manual Integrations  
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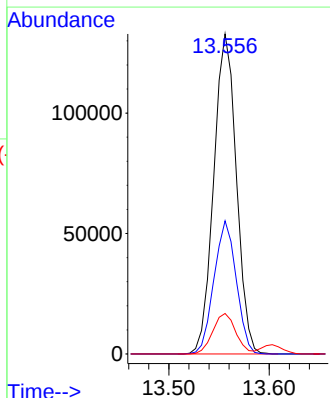
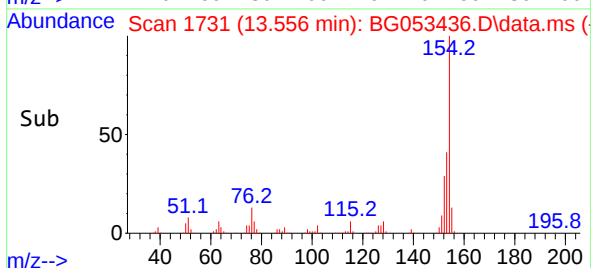
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022

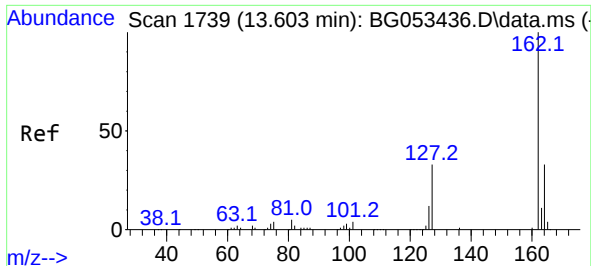


#46  
1,1'-Biphenyl  
Concen: 38.295 ng  
RT: 13.556 min Scan# 1731  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10



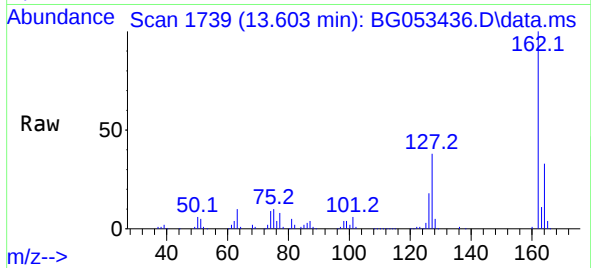
Tgt Ion:154 Resp: 207816  
Ion Ratio Lower Upper  
154 100  
153 41.6 21.6 61.6  
76 12.6 0.0 32.6





#47  
2-Chloronaphthalene  
Concen: 37.242 ng  
RT: 13.603 min Scan# 1739  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

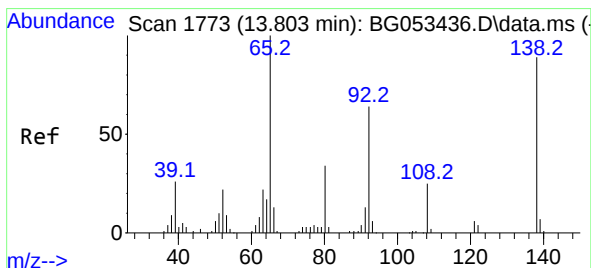
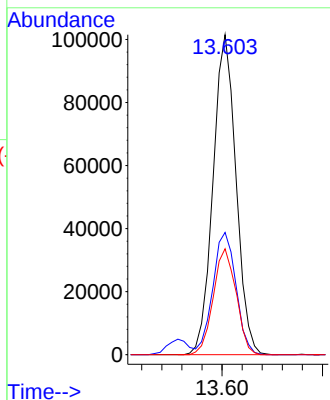
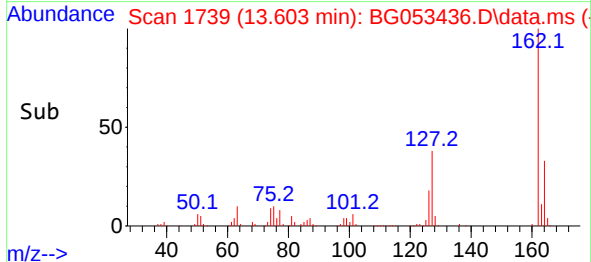
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



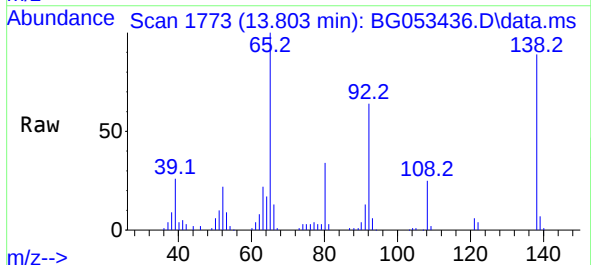
Tgt Ion:162 Resp: 16124  
Ion Ratio Lower Upper  
162 100  
127 38.2 30.6 45.8  
164 33.1 26.5 39.7

Manual Integrations  
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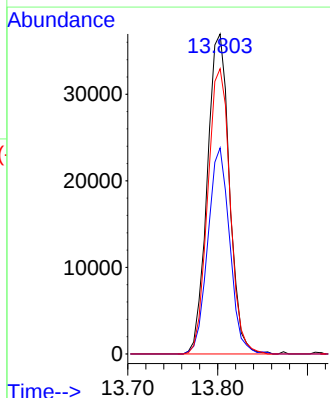
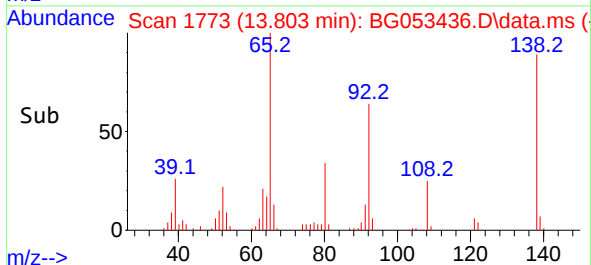
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022



#48  
2-Nitroaniline  
Concen: 38.527 ng  
RT: 13.803 min Scan# 1773  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10



Tgt Ion: 65 Resp: 63302  
Ion Ratio Lower Upper  
65 100  
92 64.4 51.5 77.3  
138 89.1 71.3 106.9





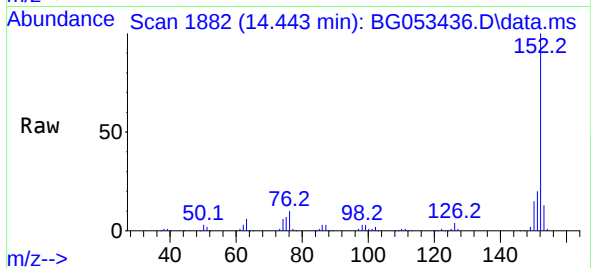
#49  
Acenaphthylene  
Concen: 38.943 ng  
RT: 14.443 min Scan# 1882  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

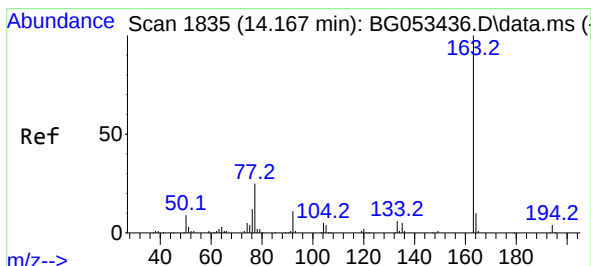
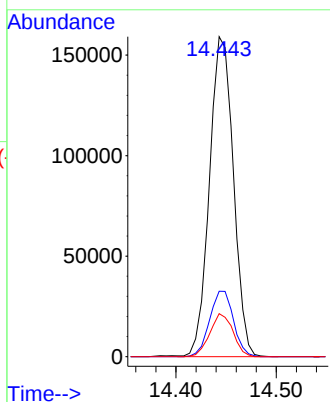
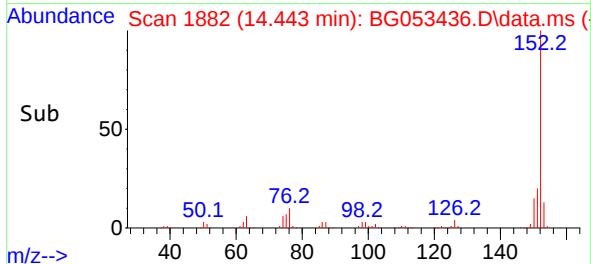


Tgt Ion:152 Resp: 263938  
Ion Ratio Lower Upper  
152 100  
151 20.5 16.4 24.6  
153 13.5 10.8 16.2

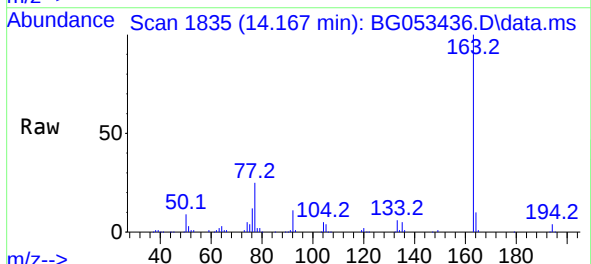
Manual Integrations

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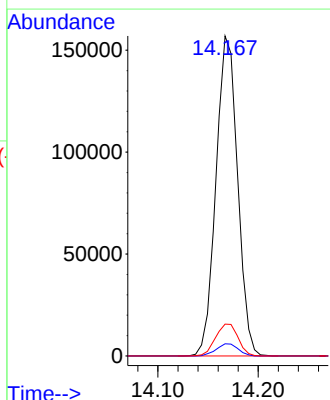
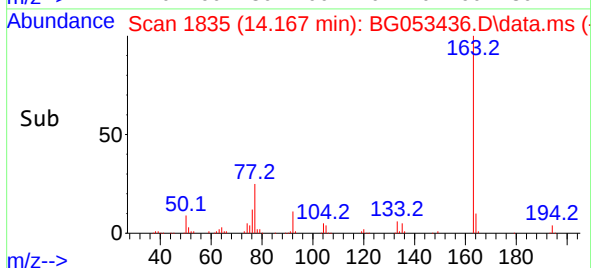
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022

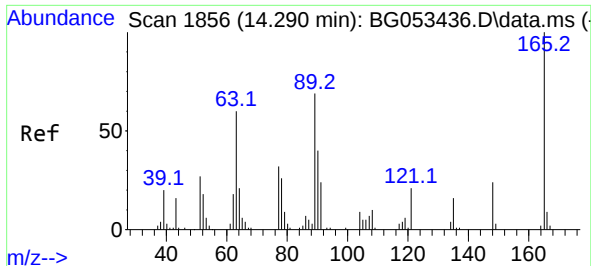


#50  
Dimethylphthalate  
Concen: 38.891 ng  
RT: 14.167 min Scan# 1835  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10



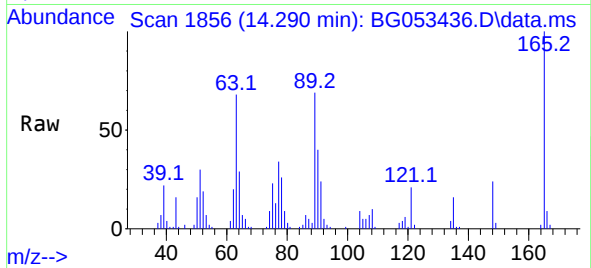
Tgt Ion:163 Resp: 234408  
Ion Ratio Lower Upper  
163 100  
194 3.8 3.0 4.6  
164 10.0 8.0 12.0





#51  
2,6-Dinitrotoluene  
Concen: 38.769 ng  
RT: 14.290 min Scan# 1856  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

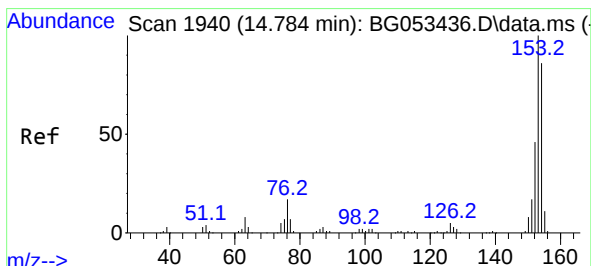
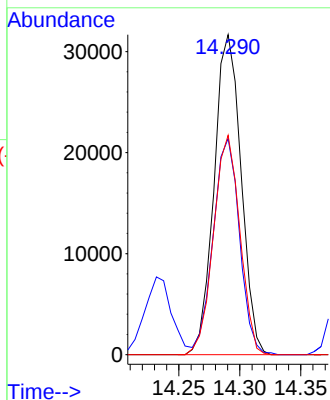
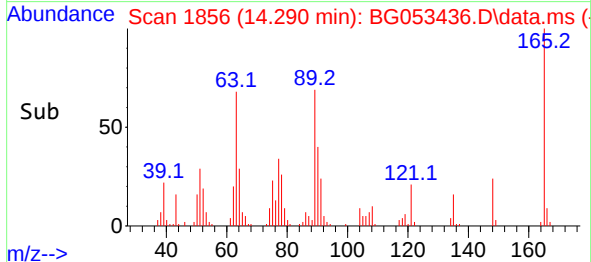
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



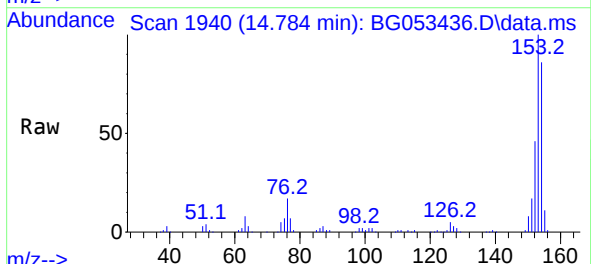
Tgt Ion:165 Resp: 48749  
Ion Ratio Lower Upper  
165 100  
63 67.6 54.1 81.1  
89 68.5 54.8 82.2

Manual Integrations  
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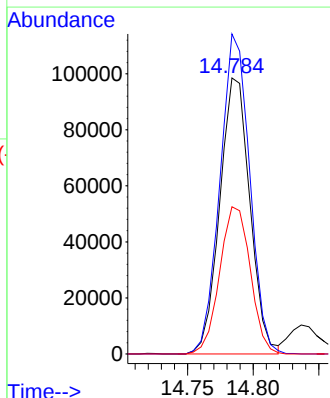
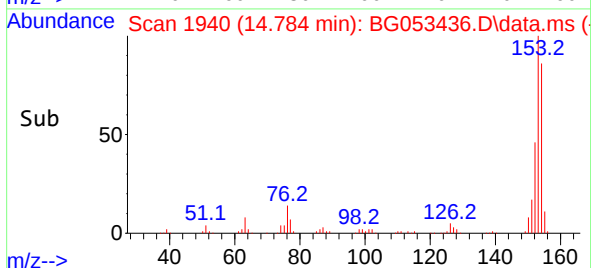
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022

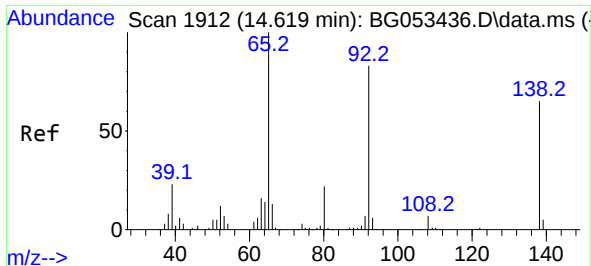


#52  
Acenaphthene  
Concen: 34.233 ng  
RT: 14.784 min Scan# 1940  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10



Tgt Ion:154 Resp: 157339  
Ion Ratio Lower Upper  
154 100  
153 115.9 92.7 139.1  
152 53.3 42.6 64.0





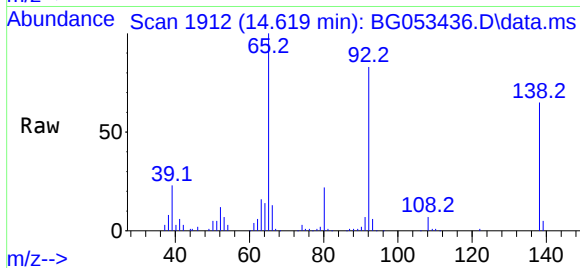
#53  
3-Nitroaniline  
Concen: 39.944 ng  
RT: 14.619 min Scan# 1912  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

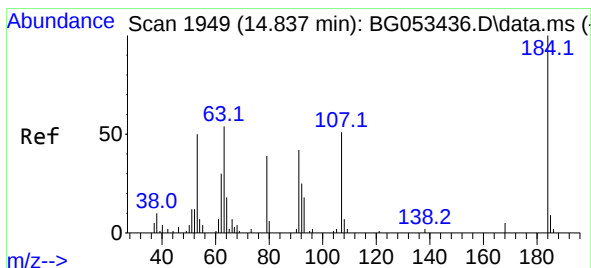
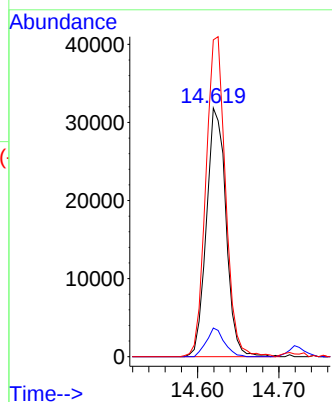
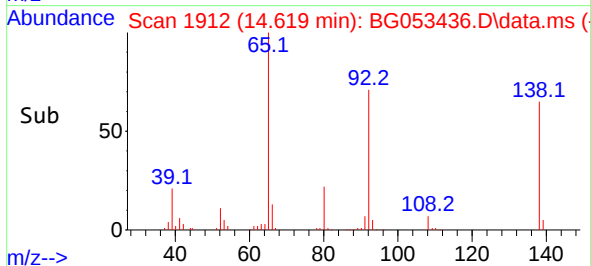


Tgt Ion:138 Resp: 53109  
Ion Ratio Lower Upper  
138 100  
108 11.5 9.2 13.8  
92 127.4 101.9 152.9

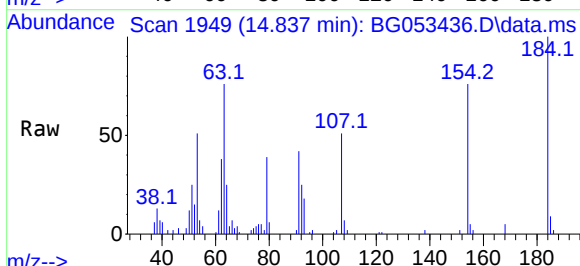
Manual Integrations

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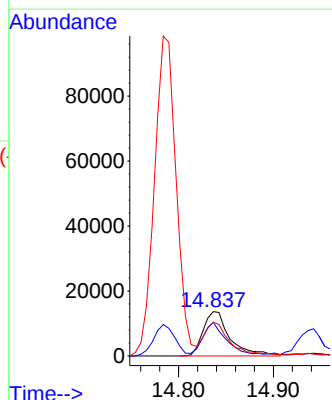
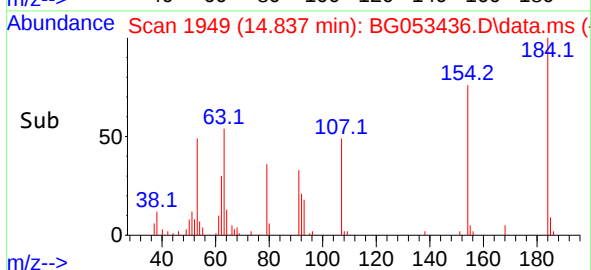
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022

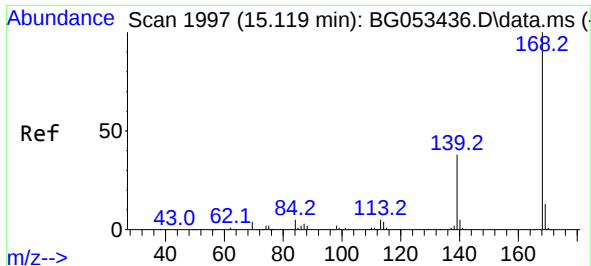


#54  
2,4-Dinitrophenol  
Concen: 33.571 ng  
RT: 14.837 min Scan# 1949  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10



Tgt Ion:184 Resp: 26859  
Ion Ratio Lower Upper  
184 100  
63 76.4 61.1 91.7  
154 75.8 60.6 91.0





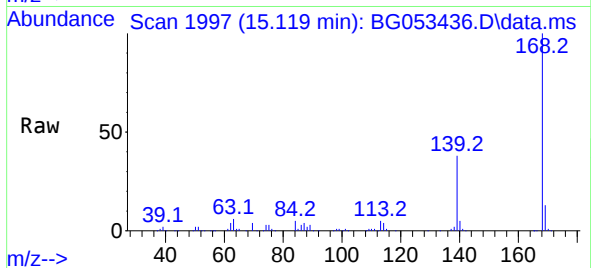
#55  
Dibenzenofuran  
Concen: 38.255 ng  
RT: 15.119 min Scan# 1997  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

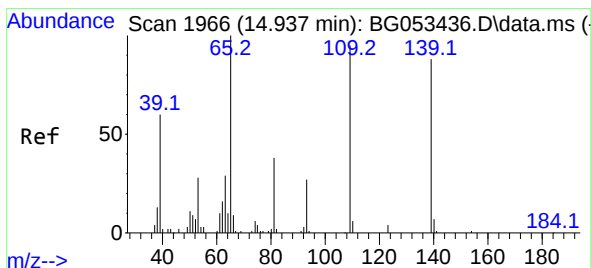
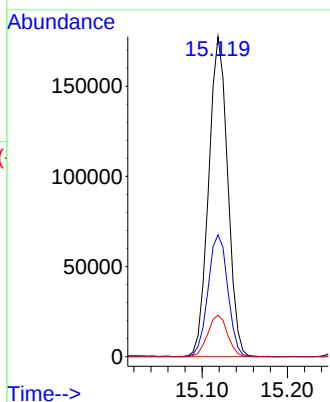
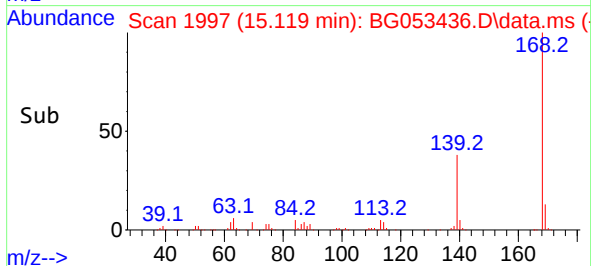


Tgt Ion:168 Resp: 27531  
Ion Ratio Lower Upper  
168 100  
139 38.1 30.5 45.7  
169 12.9 10.3 15.5

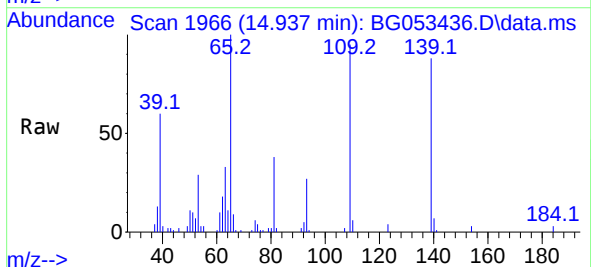
Manual Integrations

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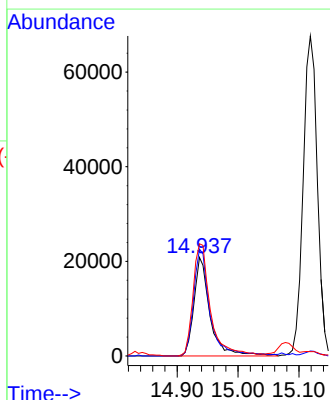
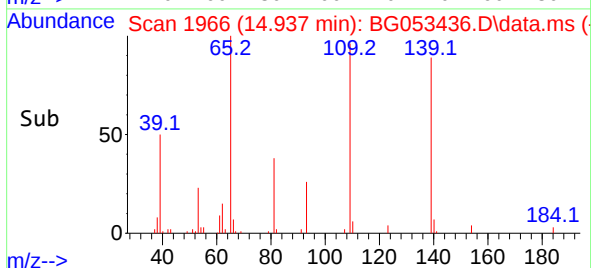
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022

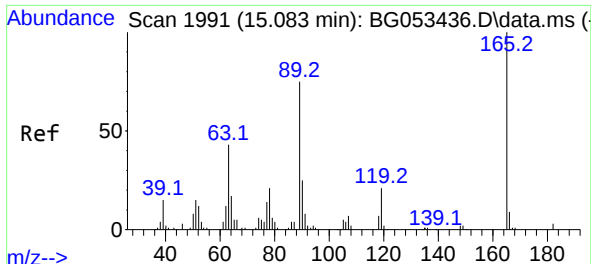


#56  
4-Nitrophenol  
Concen: 37.789 ng  
RT: 14.937 min Scan# 1966  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10



Tgt Ion:139 Resp: 38320  
Ion Ratio Lower Upper  
139 100  
109 108.5 88.5 128.5  
65 113.9 93.9 133.9





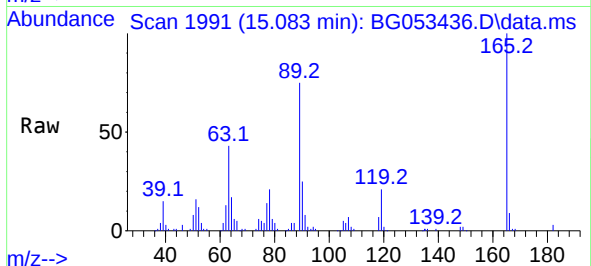
#57  
2,4-Dinitrotoluene  
Concen: 39.839 ng  
RT: 15.083 min Scan# 1991  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

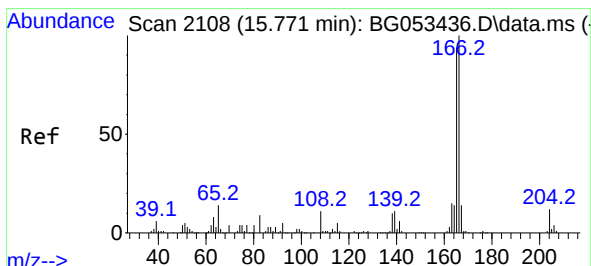
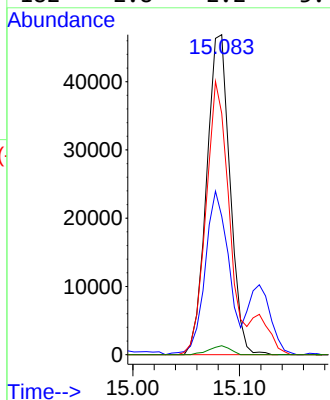
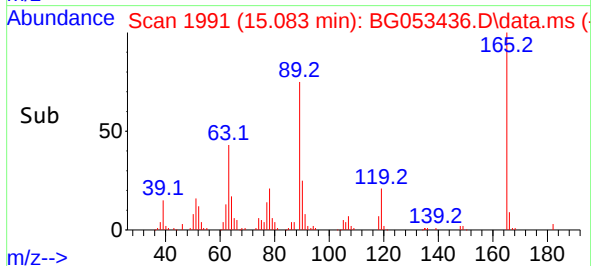


Tgt Ion:165 Resp: 71319  
Ion Ratio Lower Upper  
165 100  
63 43.3 34.6 52.0  
89 75.4 60.3 90.5  
182 2.8 2.2 3.4

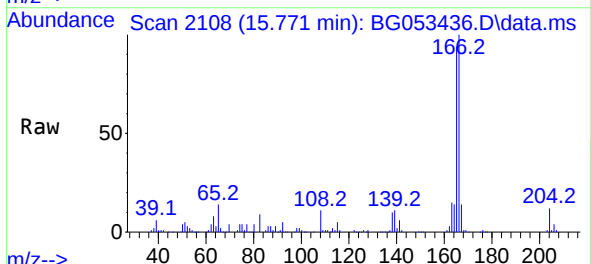
Manual Integrations

APPROVED

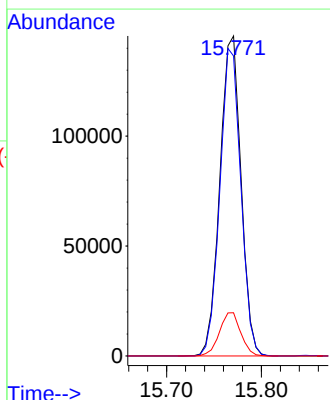
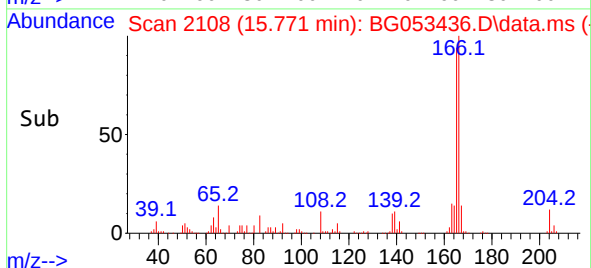
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022

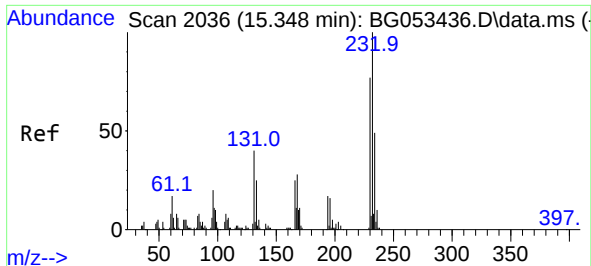


#58  
Fluorene  
Concen: 38.790 ng  
RT: 15.771 min Scan# 2108  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10



Tgt Ion:166 Resp: 225471  
Ion Ratio Lower Upper  
166 100  
165 93.8 75.0 112.6  
167 13.5 10.8 16.2





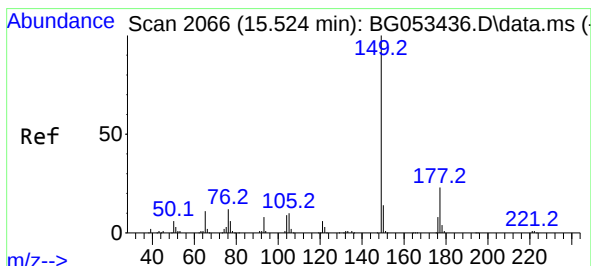
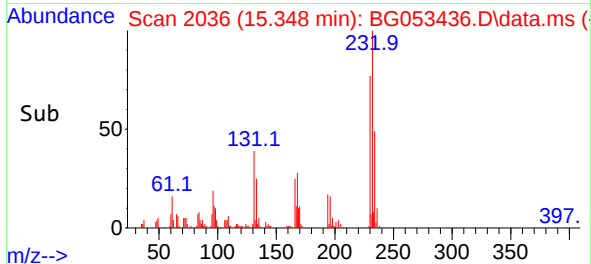
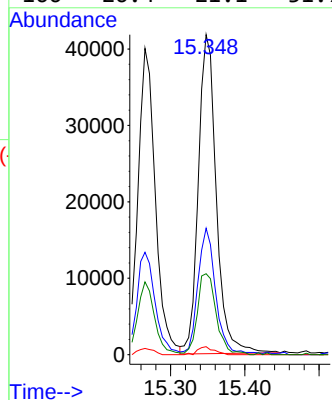
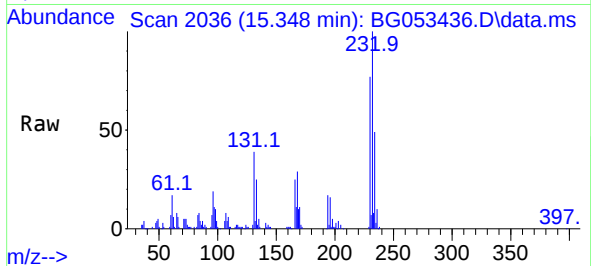
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 38.477 ng  
RT: 15.348 min Scan# 2036  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

Tgt Ion:232 Resp: 7026  
Ion Ratio Lower Upper  
232 100  
131 38.3 30.6 46.0  
130 2.3 1.8 2.8  
166 26.4 21.1 31.7

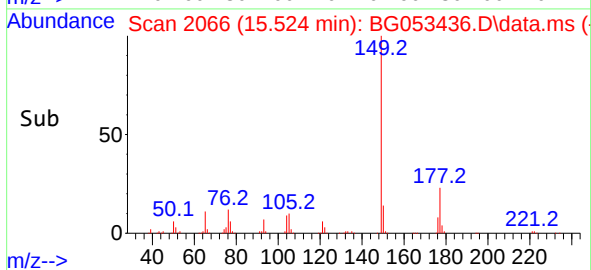
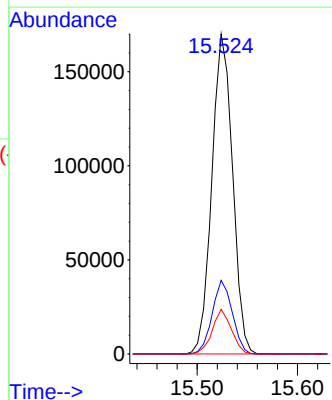
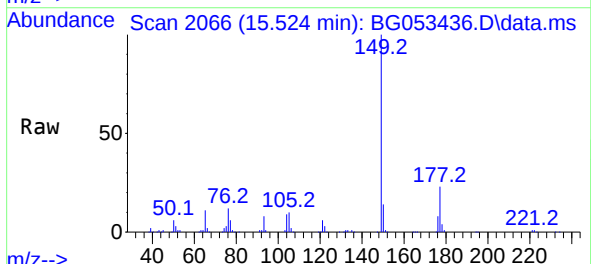
Manual Integrations  
APPROVED

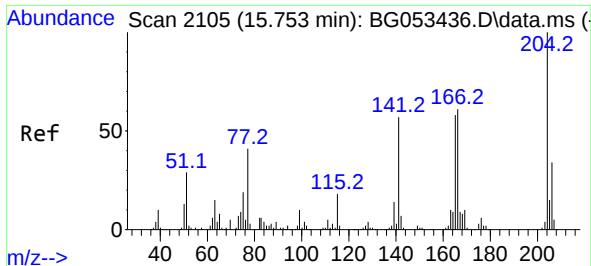
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022



#60  
Diethylphthalate  
Concen: 38.628 ng  
RT: 15.524 min Scan# 2066  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

Tgt Ion:149 Resp: 243941  
Ion Ratio Lower Upper  
149 100  
177 23.0 18.4 27.6  
150 14.0 11.2 16.8





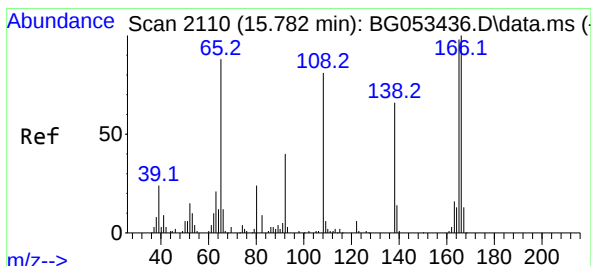
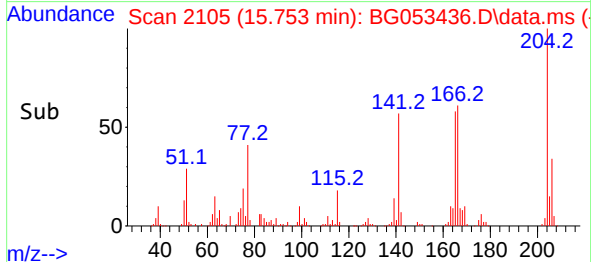
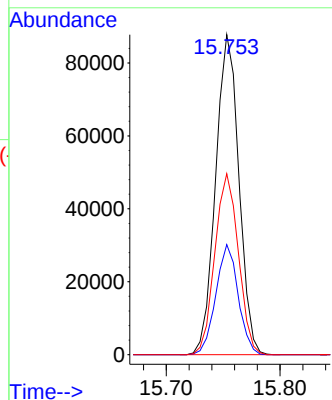
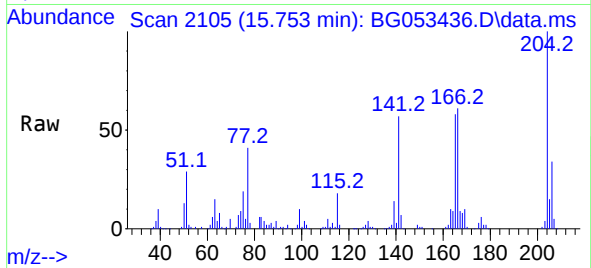
#61  
4-Chlorophenyl-phenylether  
Concen: 37.889 ng  
RT: 15.753 min Scan# 2105  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040

Tgt Ion:204 Resp: 12484  
Ion Ratio Lower Upper  
204 100  
206 34.4 27.5 41.3  
141 56.6 45.3 67.9

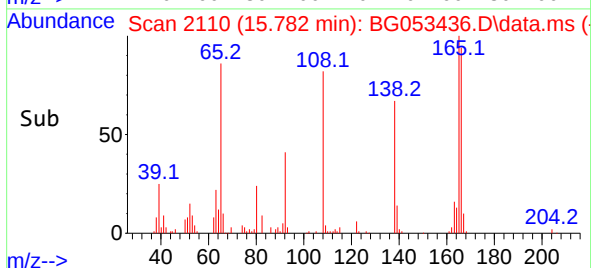
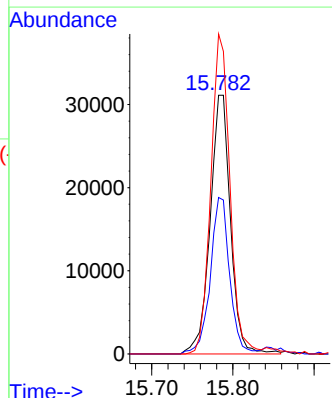
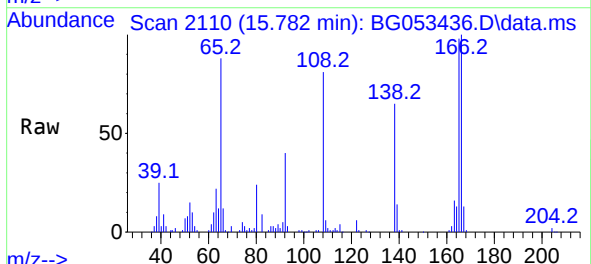
Manual Integrations  
APPROVED

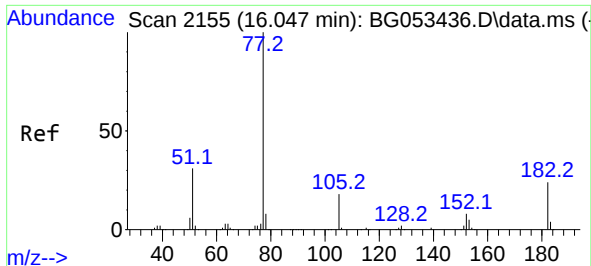
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022



#62  
4-Nitroaniline  
Concen: 38.616 ng m  
RT: 15.782 min Scan# 2110  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

Tgt Ion:138 Resp: 54179  
Ion Ratio Lower Upper  
138 100  
92 60.5 40.5 80.5  
108 123.7 103.7 143.7





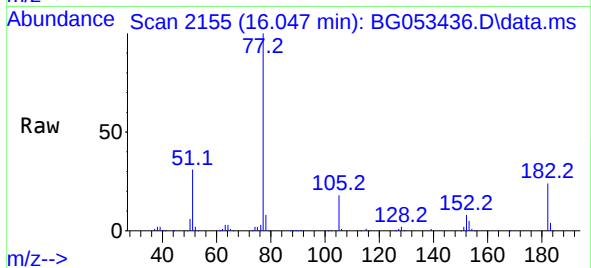
#63  
Azobenzene  
Concen: 38.475 ng  
RT: 16.047 min Scan# 2155  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

Instrument :

BNA\_G

ClientSampleId :

SSTDICCC040

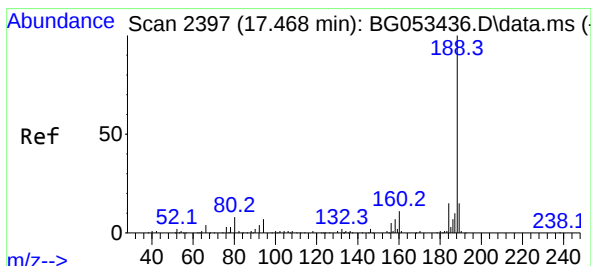
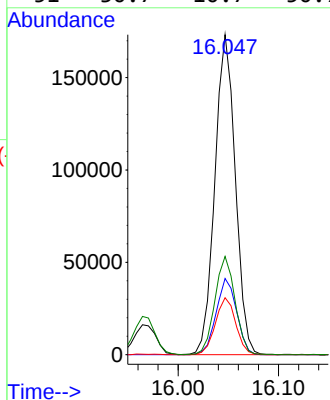
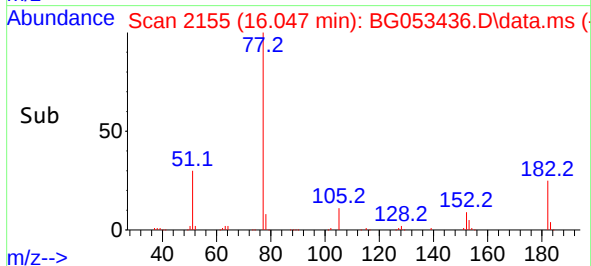


Tgt Ion: 77 Resp: 24497  
Ion Ratio Lower Upper  
77 100  
182 23.8 3.8 43.8  
105 17.8 0.0 37.8  
51 30.7 10.7 50.7

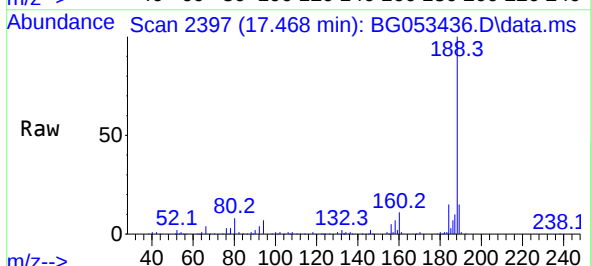
Manual Integrations

APPROVED

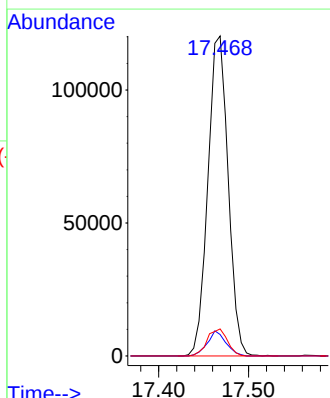
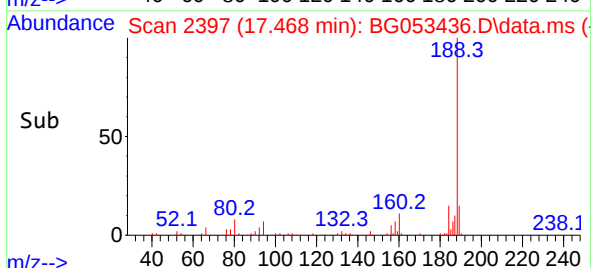
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022

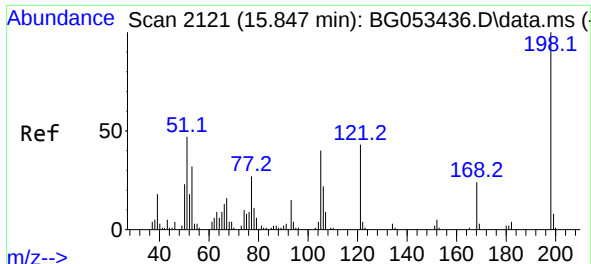


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.468 min Scan# 2397  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10



Tgt Ion:188 Resp: 188384  
Ion Ratio Lower Upper  
188 100  
94 6.7 5.4 8.0  
80 8.5 6.8 10.2





#65  
4,6-Dinitro-2-methylphenol  
Concen: 36.671 ng  
RT: 15.847 min Scan# 2121  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

Instrument :

BNA\_G

ClientSampleId :

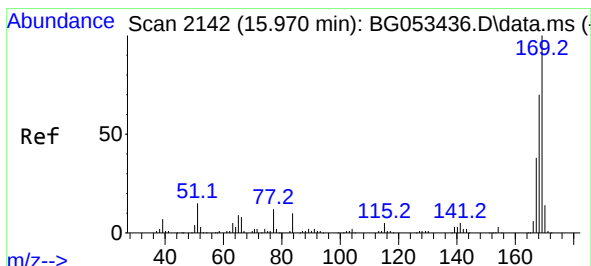
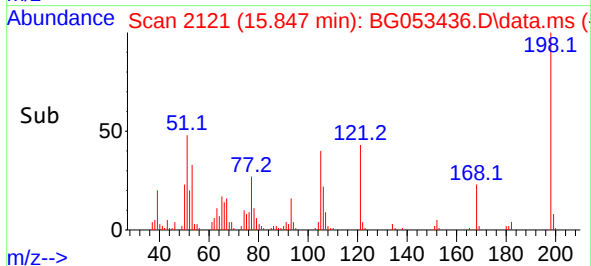
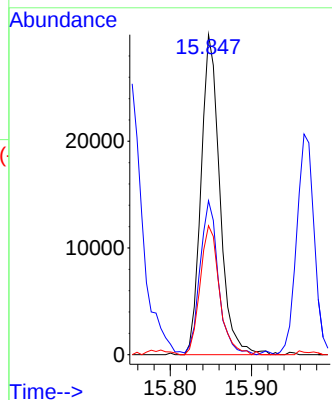
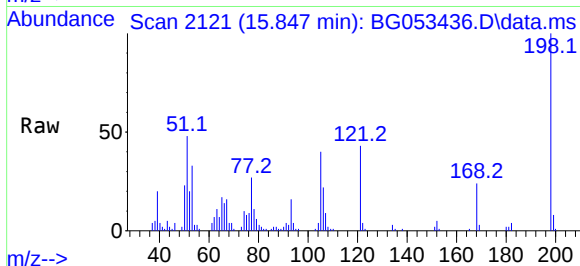
SSTDICCC040

Tgt Ion:198 Resp: 4819  
Ion Ratio Lower Upper  
198 100  
51 48.1 28.1 68.1  
105 40.3 20.3 60.3

Manual Integrations

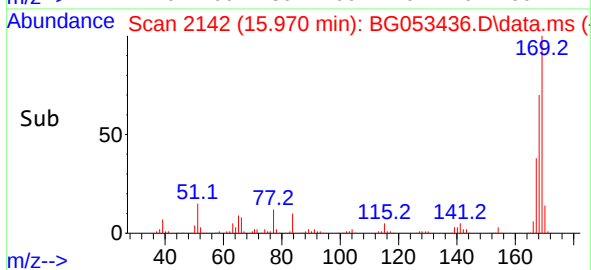
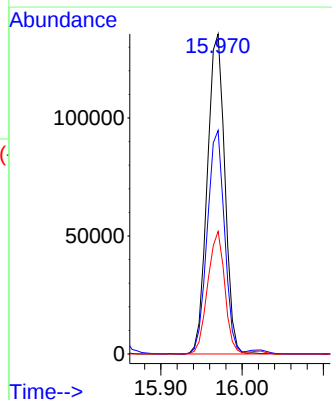
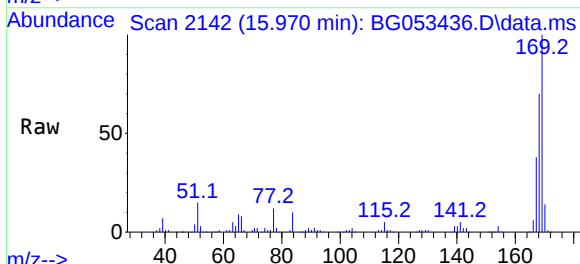
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Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022



#66  
n-Nitrosodiphenylamine  
Concen: 37.372 ng  
RT: 15.970 min Scan# 2142  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

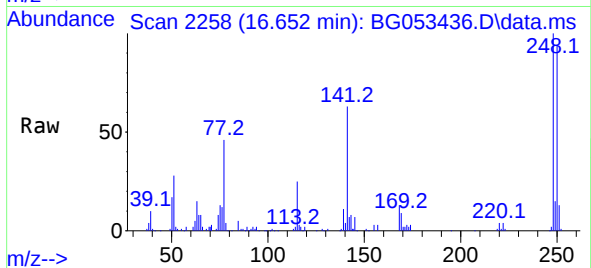
Tgt Ion:169 Resp: 202455  
Ion Ratio Lower Upper  
169 100  
168 69.9 55.9 83.9  
167 38.3 30.6 46.0





#67  
4-Bromophenyl-phenylether  
Concen: 37.740 ng  
RT: 16.652 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

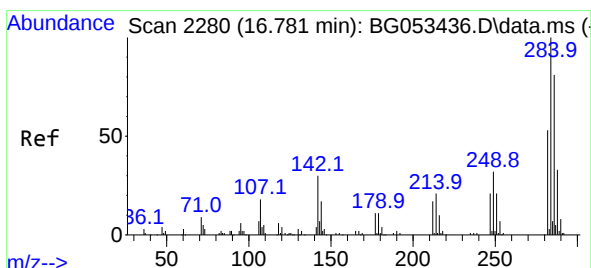
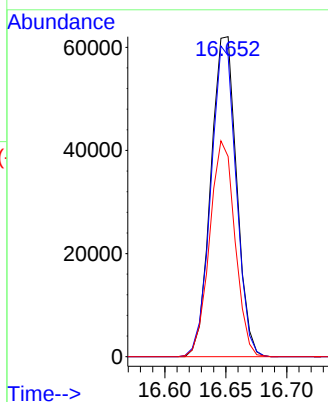
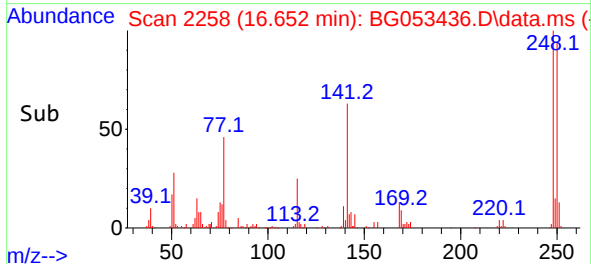
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



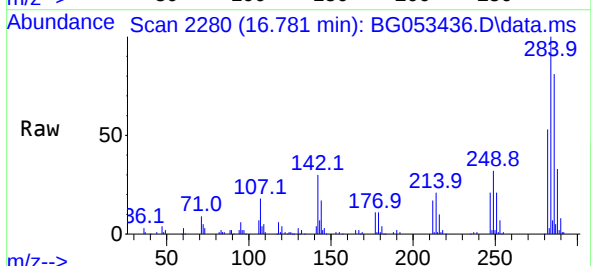
Tgt Ion:248 Resp: 91099  
Ion Ratio Lower Upper  
248 100  
250 94.0 75.2 112.8  
141 62.5 50.0 75.0

Manual Integrations  
APPROVED

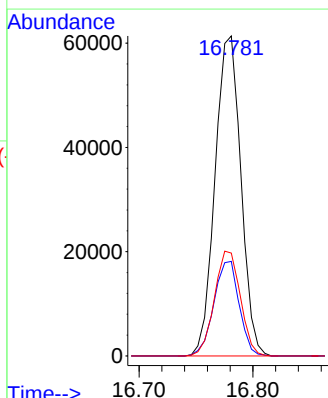
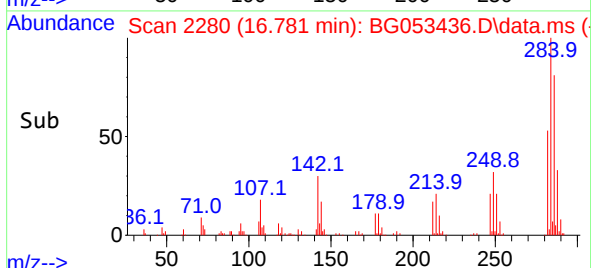
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022



#68  
Hexachlorobenzene  
Concen: 37.036 ng  
RT: 16.781 min Scan# 2280  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10



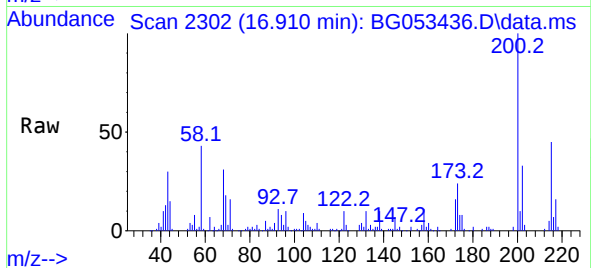
Tgt Ion:284 Resp: 96815  
Ion Ratio Lower Upper  
284 100  
142 29.5 23.6 35.4  
249 32.2 25.8 38.6





#69  
 Atrazine  
 Concen: 39.664 ng  
 RT: 16.910 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BG053436.D  
 Acq: 4 May 2022 20:10

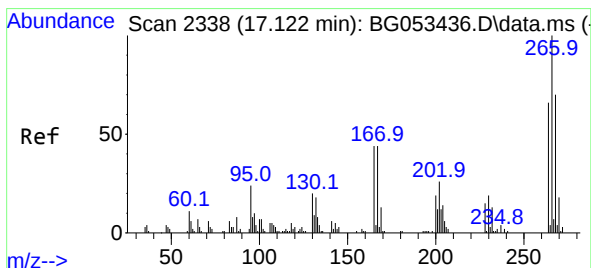
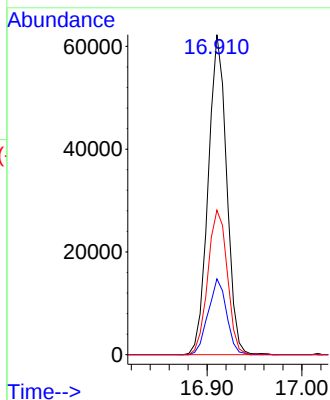
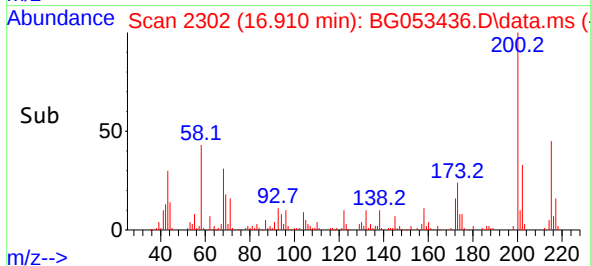
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC040



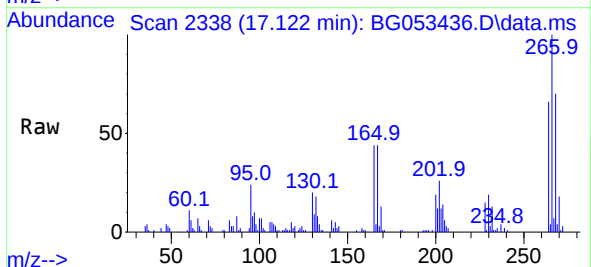
Tgt Ion:200 Resp: 83934  
 Ion Ratio Lower Upper  
 200 100  
 173 23.7 3.7 43.7  
 215 45.2 25.2 65.2

Manual Integrations  
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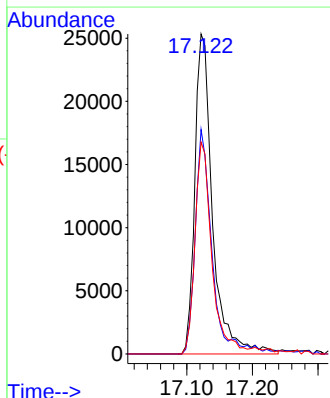
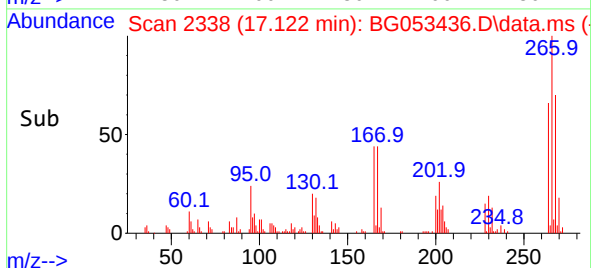
Reviewed By :Christian Giraldo 05/05/2022  
 Supervised By :Jagrut Upadhyay 05/05/2022

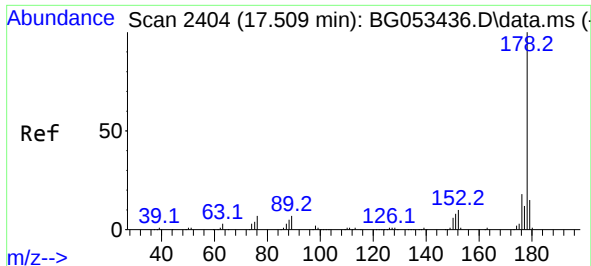


#70  
 Pentachlorophenol  
 Concen: 33.375 ng  
 RT: 17.122 min Scan# 2338  
 Delta R.T. 0.000 min  
 Lab File: BG053436.D  
 Acq: 4 May 2022 20:10



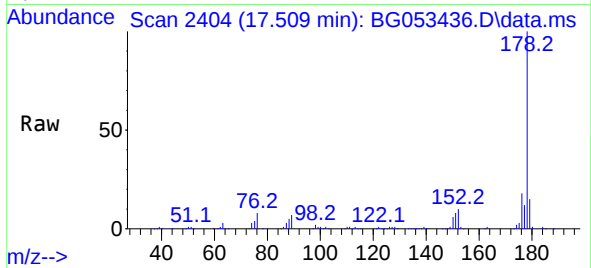
Tgt Ion:266 Resp: 47682  
 Ion Ratio Lower Upper  
 266 100  
 268 70.2 56.2 84.2  
 264 66.2 53.0 79.4





#71  
Phenanthrene  
Concen: 37.410 ng  
RT: 17.509 min Scan# 2404  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

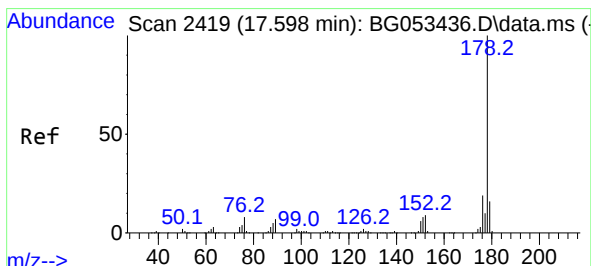
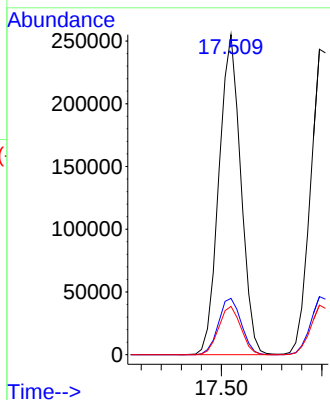
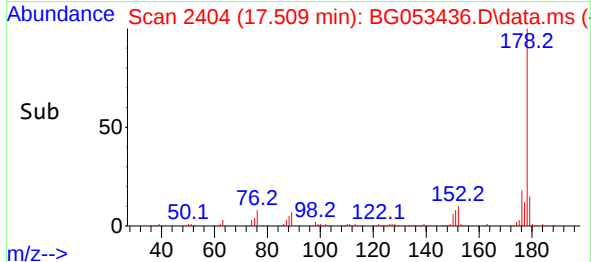
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



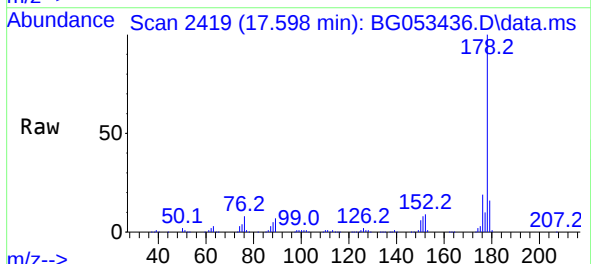
Tgt Ion:178 Resp: 38494  
Ion Ratio Lower Upper  
178 100  
176 17.6 14.1 21.1  
179 15.1 12.1 18.1

Manual Integrations  
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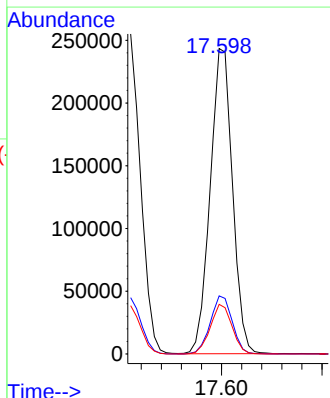
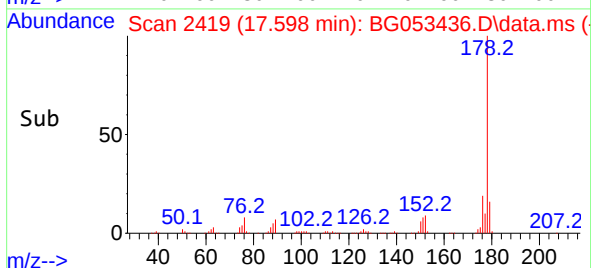
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022

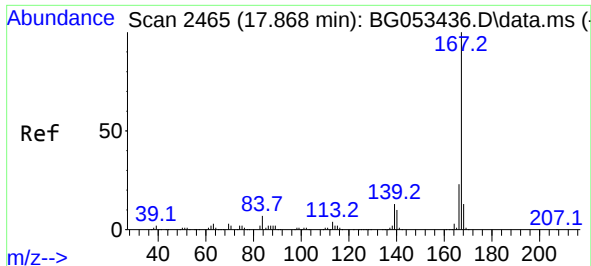


#72  
Anthracene  
Concen: 36.864 ng  
RT: 17.598 min Scan# 2419  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10



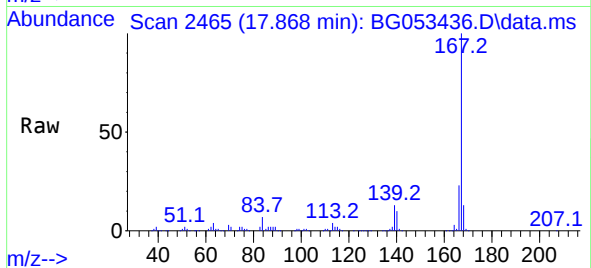
Tgt Ion:178 Resp: 375793  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.2 22.8  
179 16.2 13.0 19.4





#73  
 Carbazole  
 Concen: 37.533 ng  
 RT: 17.868 min Scan# 2465  
 Delta R.T. 0.000 min  
 Lab File: BG053436.D  
 Acq: 4 May 2022 20:10

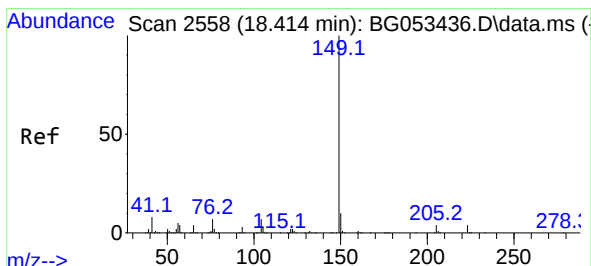
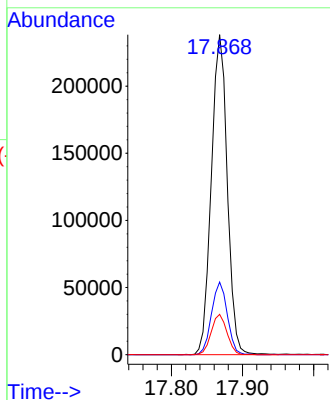
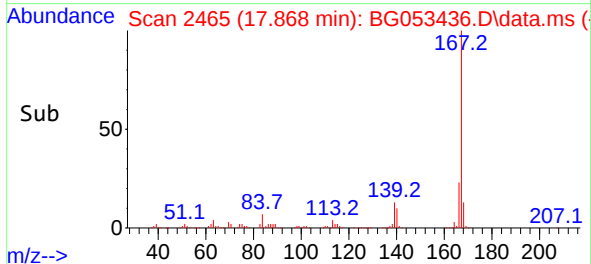
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC040



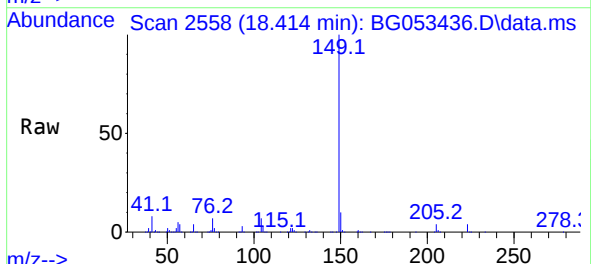
Tgt Ion:167 Resp: 37192  
 Ion Ratio Lower Upper  
 167 100  
 166 22.7 18.2 27.2  
 139 12.6 10.1 15.1

Manual Integrations  
 APPROVED

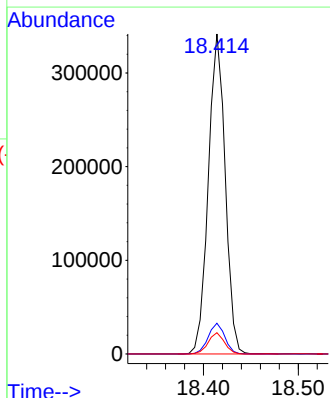
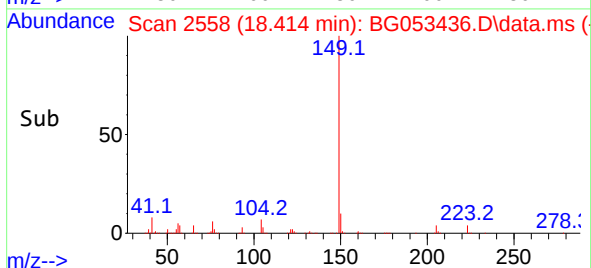
Reviewed By :Christian Giraldo 05/05/2022  
 Supervised By :Jagrut Upadhyay 05/05/2022

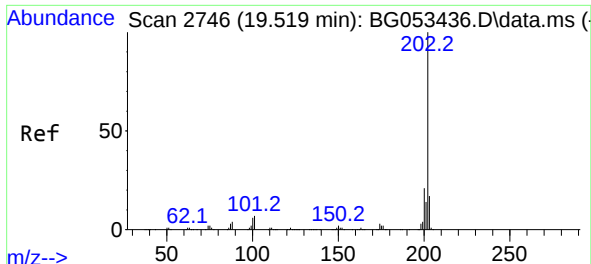


#74  
 Di-n-butylphthalate  
 Concen: 37.604 ng  
 RT: 18.414 min Scan# 2558  
 Delta R.T. 0.000 min  
 Lab File: BG053436.D  
 Acq: 4 May 2022 20:10



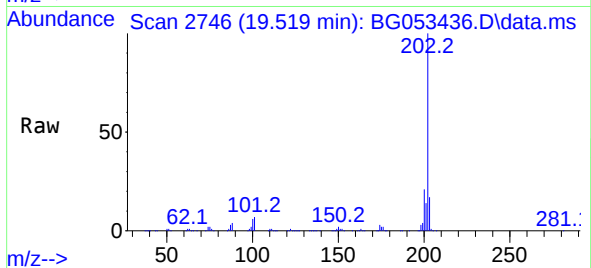
Tgt Ion:149 Resp: 422616  
 Ion Ratio Lower Upper  
 149 100  
 150 9.6 7.7 11.5  
 104 6.7 5.4 8.0





#75  
Fluoranthene  
Concen: 37.776 ng  
RT: 19.519 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

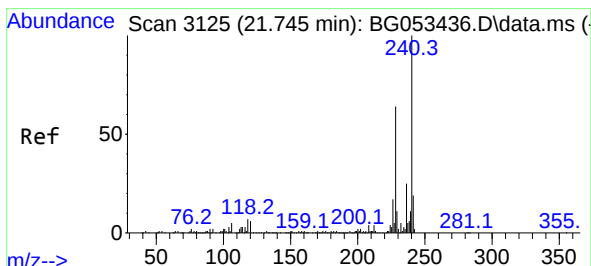
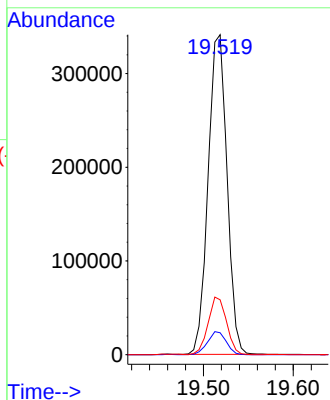
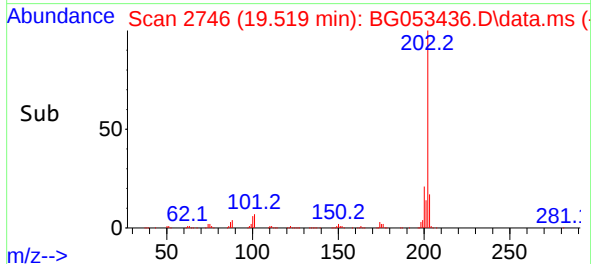
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



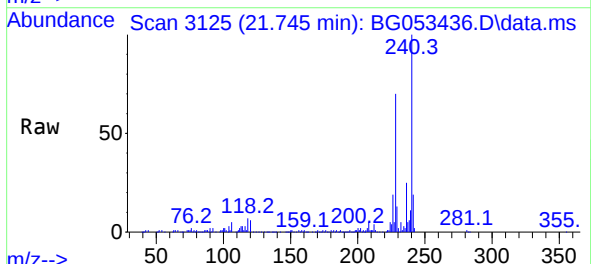
Tgt Ion:202 Resp: 498264  
Ion Ratio Lower Upper  
202 100  
101 6.9 0.0 26.9  
203 17.2 0.0 37.2

Manual Integrations  
APPROVED

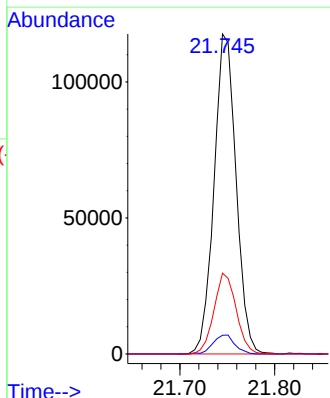
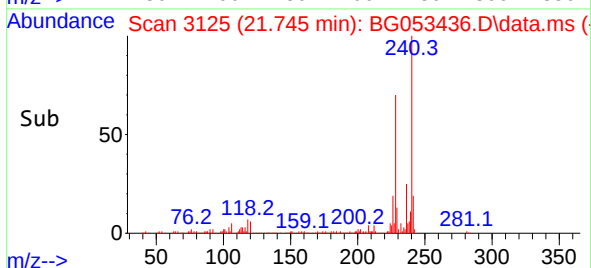
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022

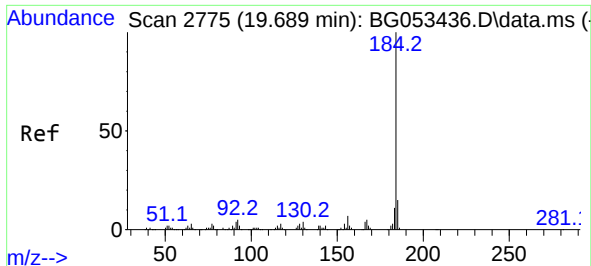


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.745 min Scan# 3125  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10



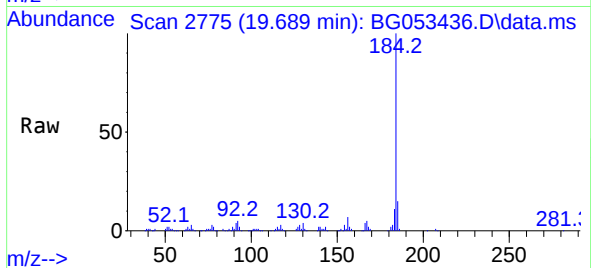
Tgt Ion:240 Resp: 190084  
Ion Ratio Lower Upper  
240 100  
120 5.8 4.6 7.0  
236 25.3 20.2 30.4





#77  
Benzidine  
Concen: 29.720 ng  
RT: 19.689 min Scan# 2775  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

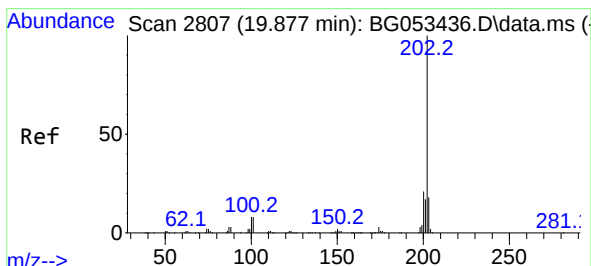
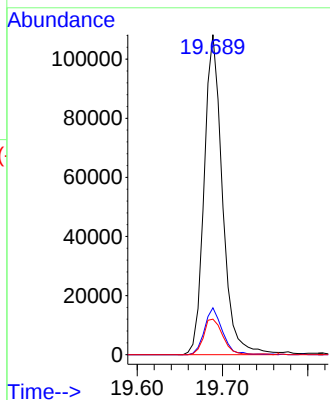
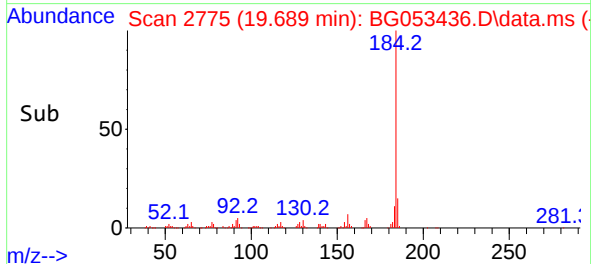
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



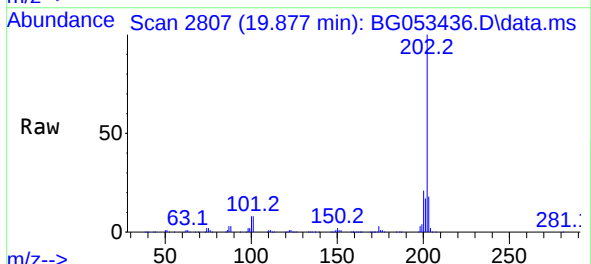
Tgt Ion:184 Resp: 16118  
Ion Ratio Lower Upper  
184 100  
185 14.7 11.8 17.6  
183 11.1 8.9 13.3

Manual Integrations  
APPROVED

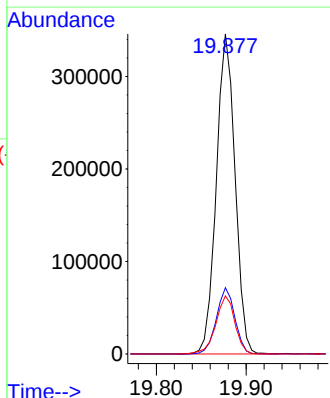
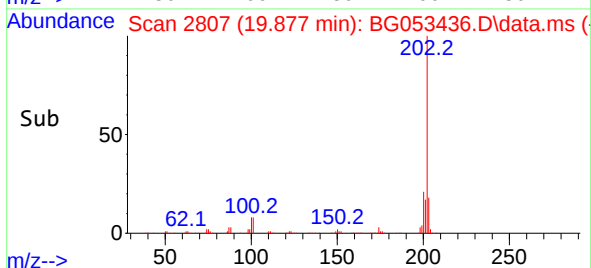
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022

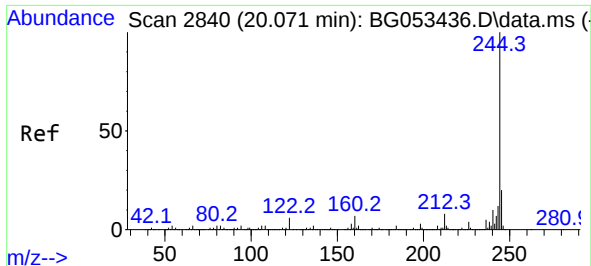


#78  
Pyrene  
Concen: 36.961 ng  
RT: 19.877 min Scan# 2807  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10



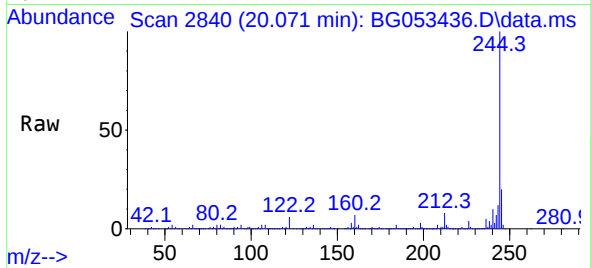
Tgt Ion:202 Resp: 500376  
Ion Ratio Lower Upper  
202 100  
200 20.7 16.6 24.8  
203 18.2 14.6 21.8





#79  
Terphenyl-d14  
Concen: 72.740 ng  
RT: 20.071 min Scan# 2840  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

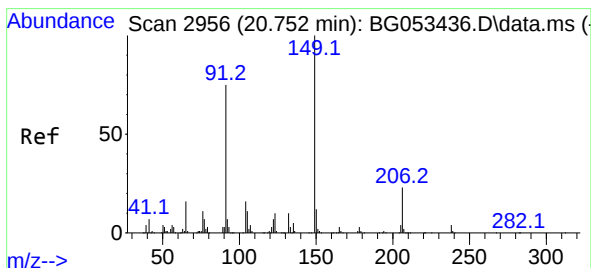
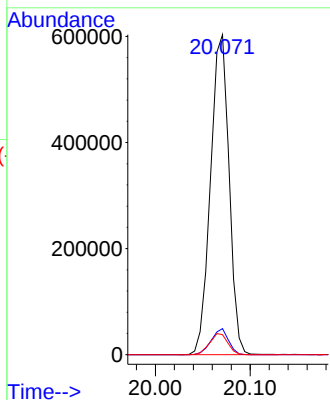
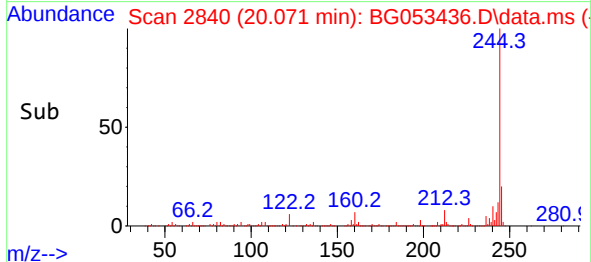
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



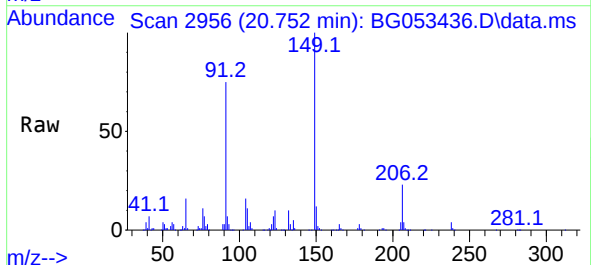
Tgt Ion:244 Resp: 81867  
Ion Ratio Lower Upper  
244 100  
212 8.1 6.5 9.7  
122 6.2 5.0 7.4

Manual Integrations  
APPROVED

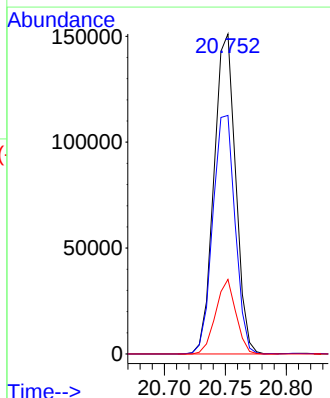
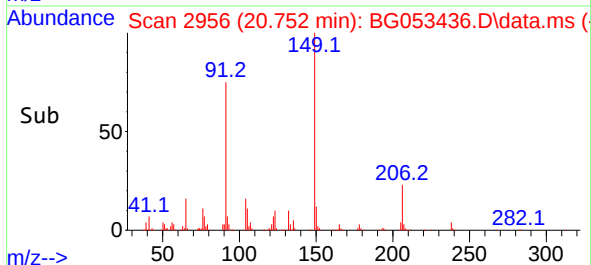
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022

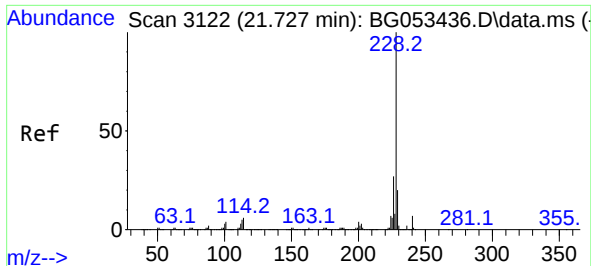


#80  
Butylbenzylphthalate  
Concen: 37.072 ng  
RT: 20.752 min Scan# 2956  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10



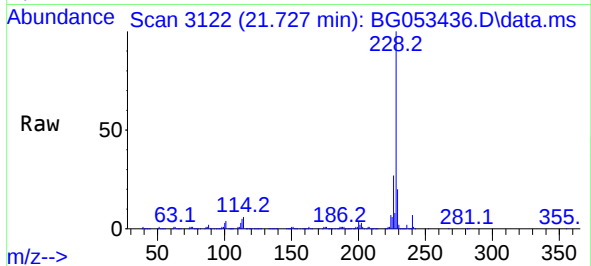
Tgt Ion:149 Resp: 187105  
Ion Ratio Lower Upper  
149 100  
91 74.5 59.6 89.4  
206 23.3 18.6 28.0





#81  
Benzo(a)anthracene  
Concen: 37.355 ng  
RT: 21.727 min Scan# 3122  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

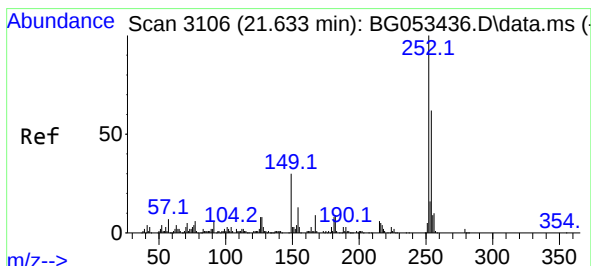
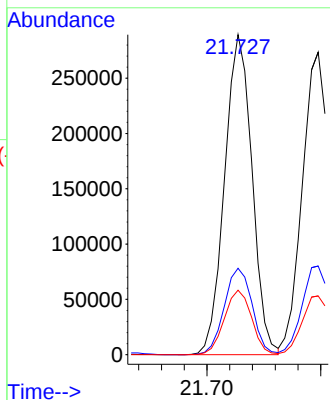
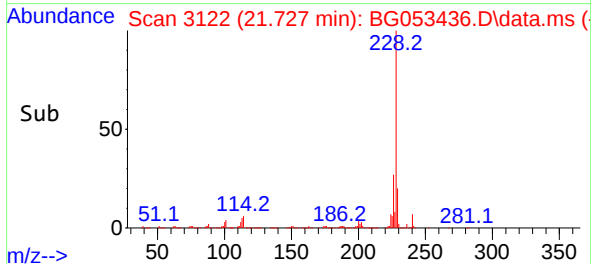
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



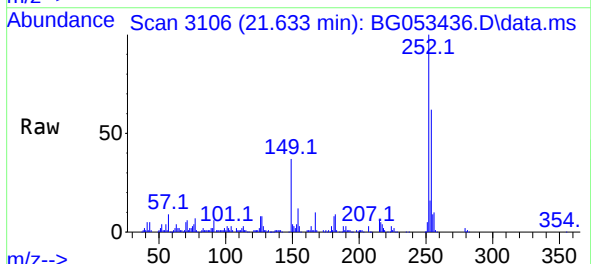
Tgt Ion:228 Resp: 48548  
Ion Ratio Lower Upper  
228 100  
226 27.0 21.6 32.4  
229 20.2 16.2 24.2

Manual Integrations  
APPROVED

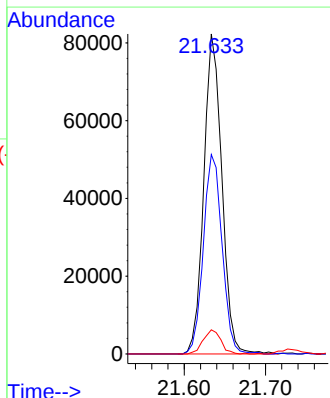
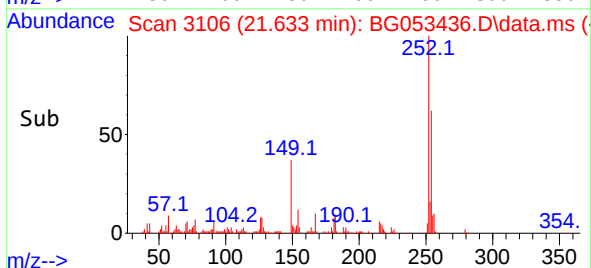
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022

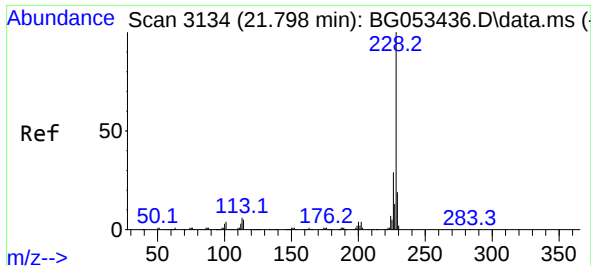


#82  
3,3'-Dichlorobenzidine  
Concen: 26.652 ng  
RT: 21.633 min Scan# 3106  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10



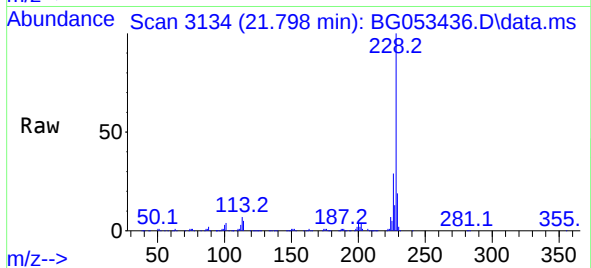
Tgt Ion:252 Resp: 127387  
Ion Ratio Lower Upper  
252 100  
254 62.3 49.8 74.8  
126 7.5 6.0 9.0





#83  
Chrysene  
Concen: 37.938 ng  
RT: 21.798 min Scan# 3134  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

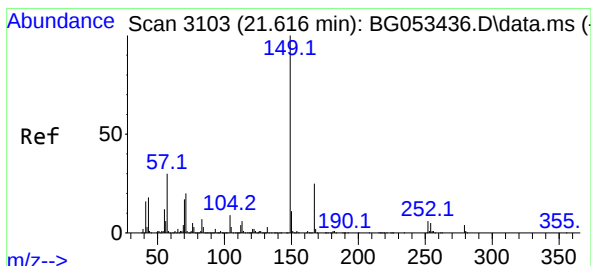
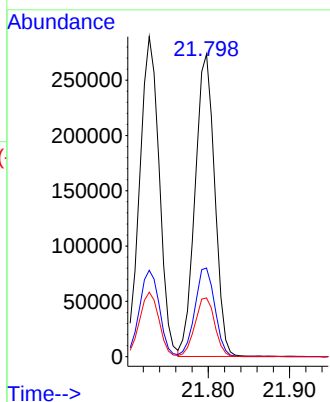
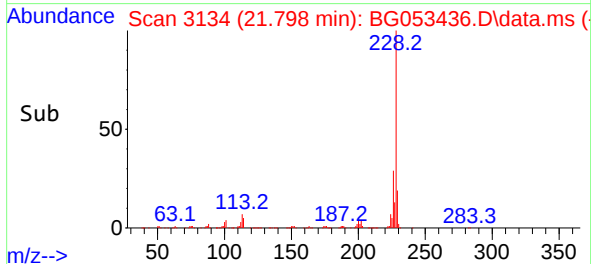
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



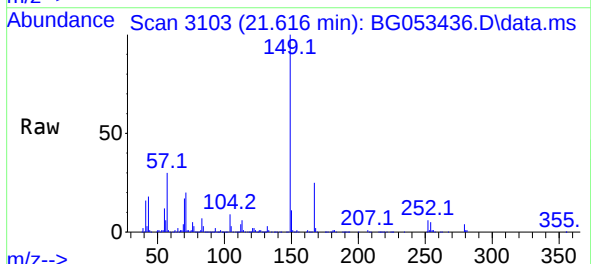
Tgt Ion:228 Resp: 457599  
Ion Ratio Lower Upper  
228 100  
226 29.3 23.4 35.2  
229 19.4 15.5 23.3

Manual Integrations  
APPROVED

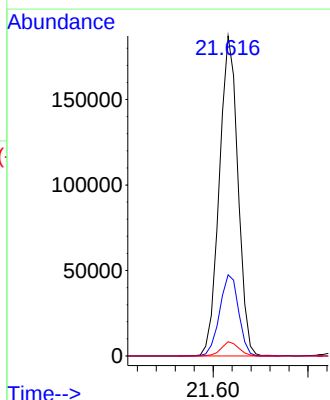
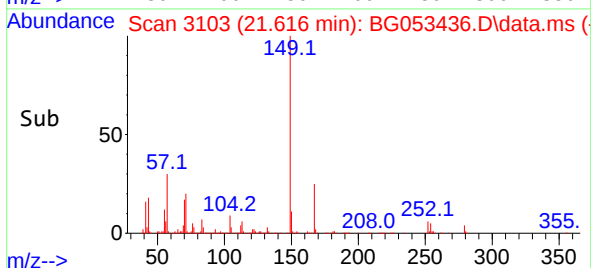
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022

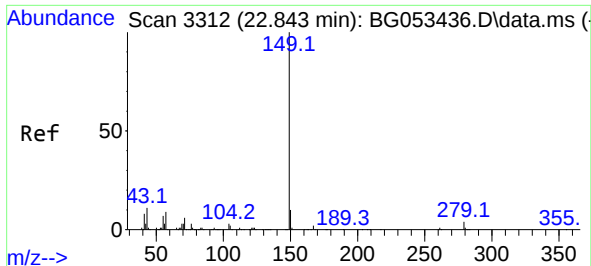


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 37.456 ng  
RT: 21.616 min Scan# 3103  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10



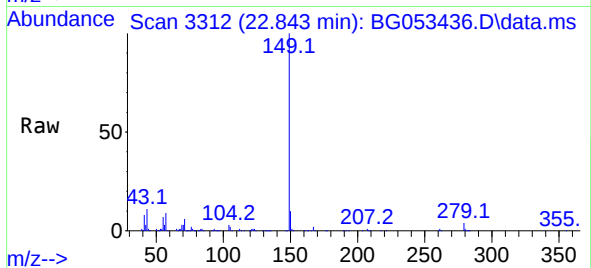
Tgt Ion:149 Resp: 255531  
Ion Ratio Lower Upper  
149 100  
167 25.3 20.2 30.4  
279 4.5 3.6 5.4





#85  
Di-n-octyl phthalate  
Concen: 37.998 ng  
RT: 22.843 min Scan# 3312  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

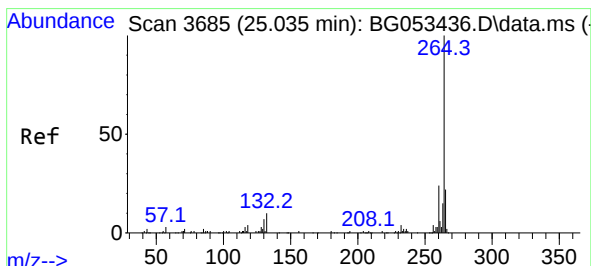
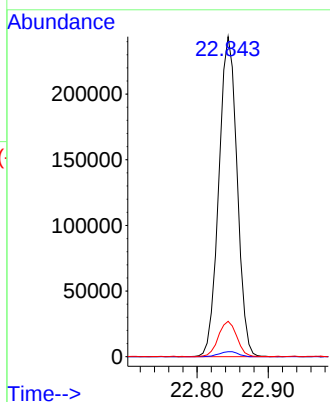
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



Tgt Ion:149 Resp: 433549  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 11.2 9.0 13.4

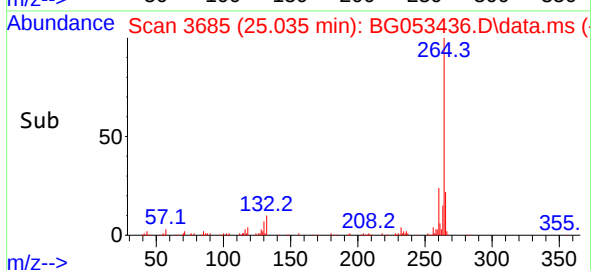
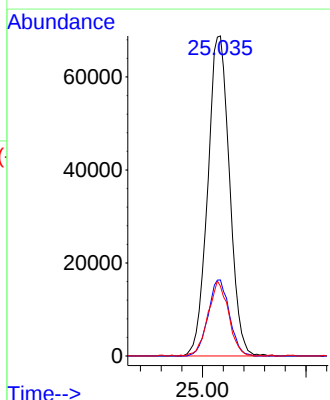
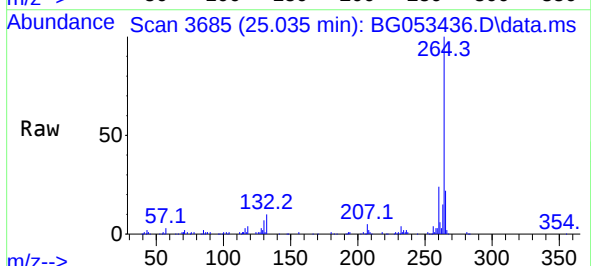
Manual Integrations  
APPROVED

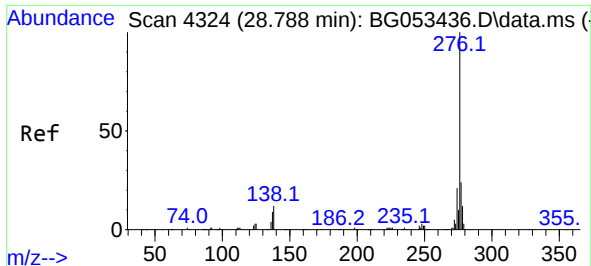
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.035 min Scan# 3685  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

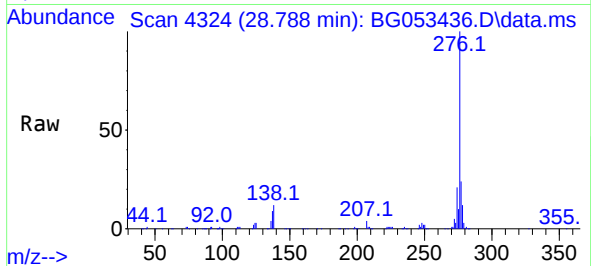
Tgt Ion:264 Resp: 200805  
Ion Ratio Lower Upper  
264 100  
260 23.8 19.0 28.6  
265 21.8 17.4 26.2





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 38.072 ng  
RT: 28.788 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

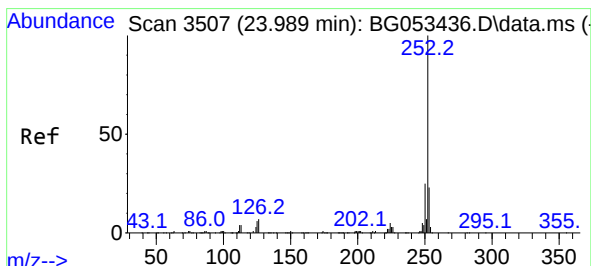
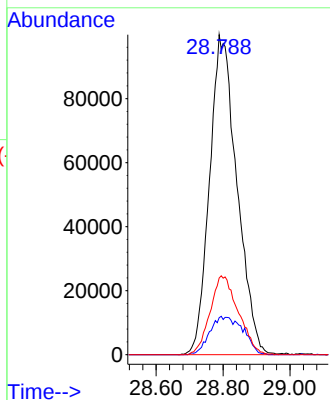
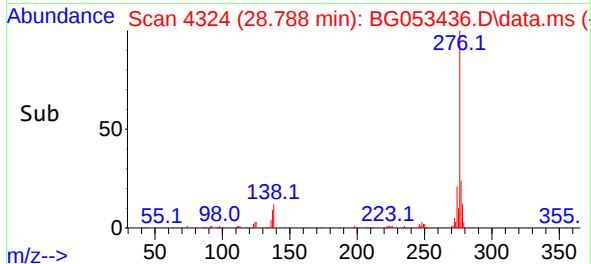
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



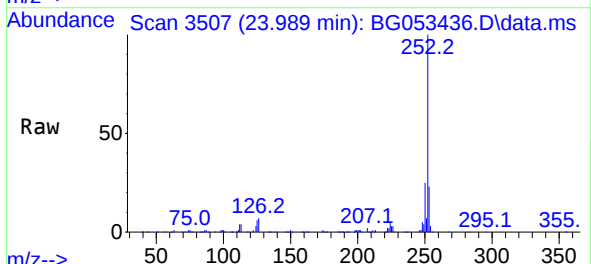
Tgt Ion:276 Resp: 56798  
Ion Ratio Lower Upper  
276 100  
138 6.2 5.0 7.4  
277 25.4 20.3 30.5

Manual Integrations  
APPROVED

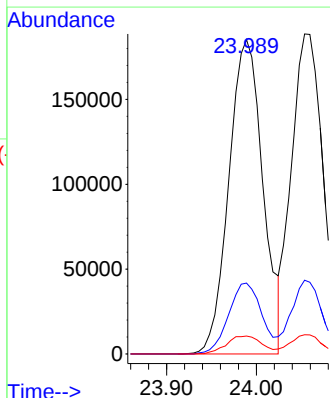
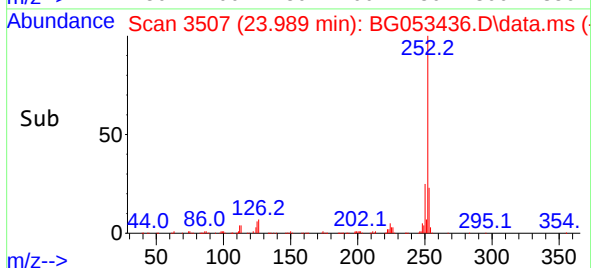
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022

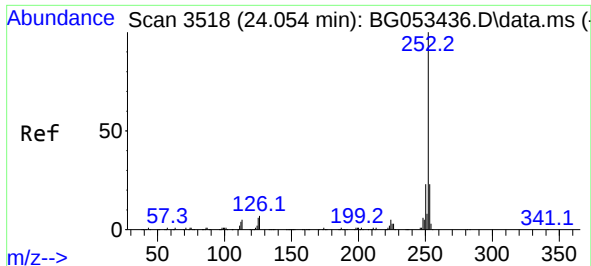


#88  
Benzo(b)fluoranthene  
Concen: 38.556 ng  
RT: 23.989 min Scan# 3507  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10



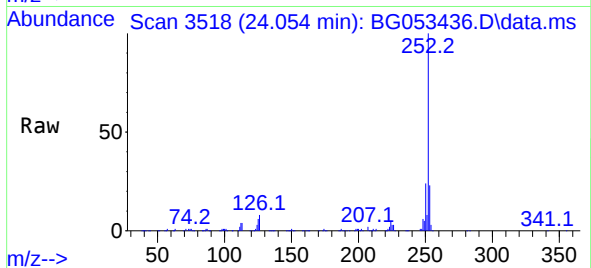
Tgt Ion:252 Resp: 488486  
Ion Ratio Lower Upper  
252 100  
253 22.5 18.0 27.0  
125 5.7 4.6 6.8





#89  
Benzo(k)fluoranthene  
Concen: 36.994 ng  
RT: 24.054 min Scan# 3518  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

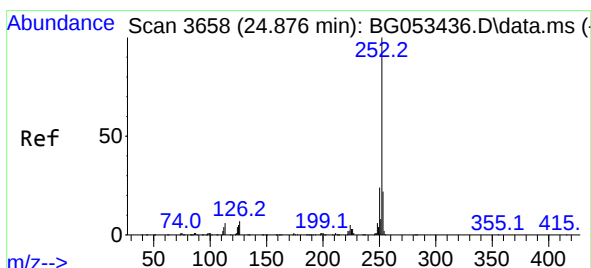
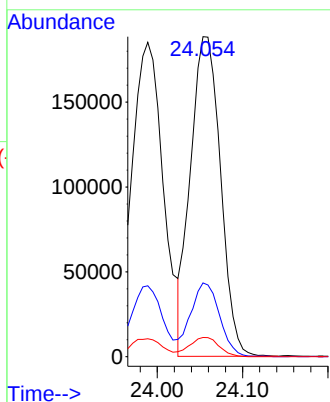
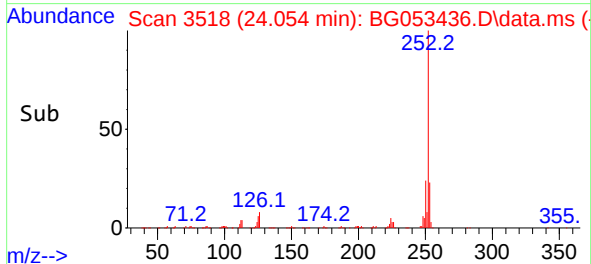
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



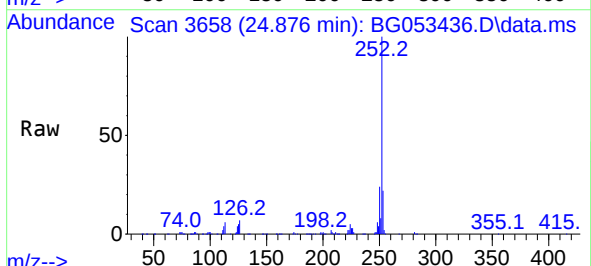
Tgt Ion:252 Resp: 460649  
Ion Ratio Lower Upper  
252 100  
253 23.0 18.4 27.6  
125 6.0 4.8 7.2

Manual Integrations  
APPROVED

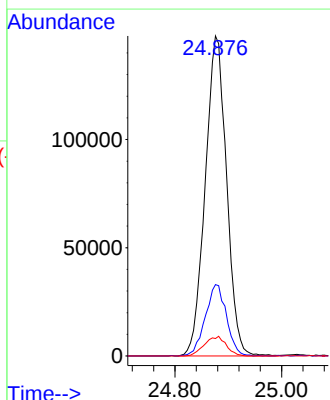
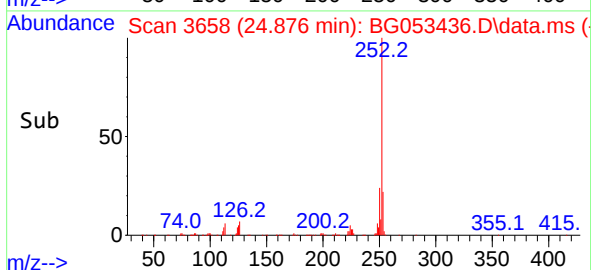
Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022

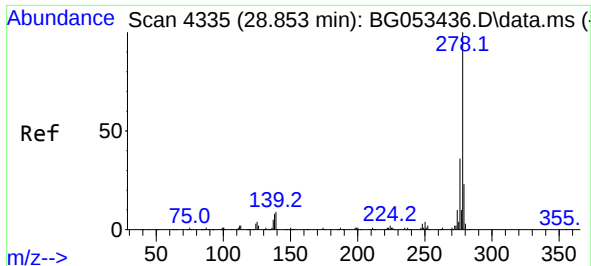


#90  
Benzo(a)pyrene  
Concen: 38.056 ng  
RT: 24.876 min Scan# 3658  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10



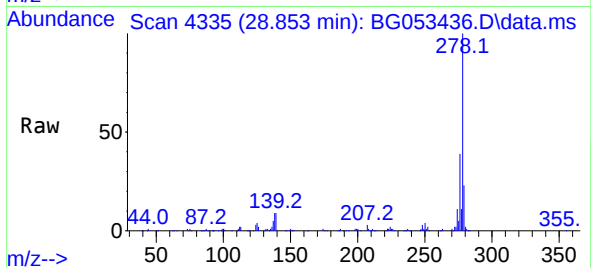
Tgt Ion:252 Resp: 410748  
Ion Ratio Lower Upper  
252 100  
253 22.3 17.8 26.8  
125 5.4 4.3 6.5





#91  
Dibenzo(a,h)anthracene  
Concen: 37.752 ng  
RT: 28.853 min Scan# 4335  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10

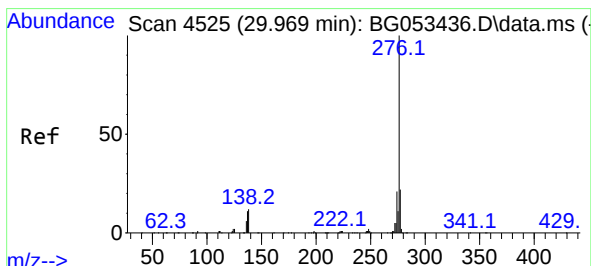
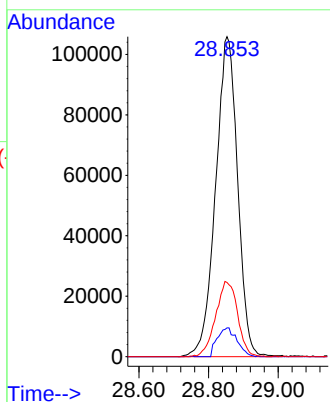
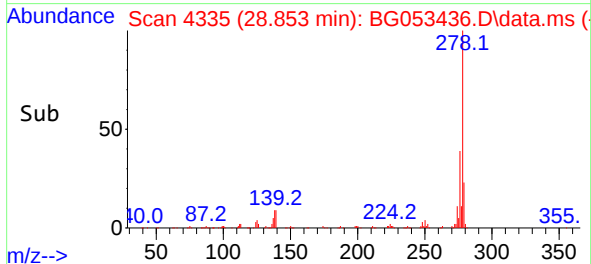
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICCC040



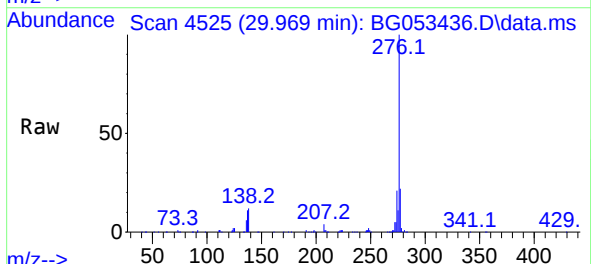
Tgt Ion:278 Resp: 46354  
Ion Ratio Lower Upper  
278 100  
139 9.0 7.2 10.8  
279 23.2 18.6 27.8

Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 05/05/2022  
Supervised By :Jagrut Upadhyay 05/05/2022



#92  
Benzo(g,h,i)perylene  
Concen: 38.122 ng  
RT: 29.969 min Scan# 4525  
Delta R.T. 0.000 min  
Lab File: BG053436.D  
Acq: 4 May 2022 20:10



Tgt Ion:276 Resp: 461366  
Ion Ratio Lower Upper  
276 100  
277 21.6 17.3 25.9  
138 12.0 9.6 14.4

