

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062822\  
 Data File : BG054114.D  
 Acq On : 28 Jun 2022 11:09  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDCCC040

## Manual Integrations

## APPROVED

Reviewed By :Christian Giraldo 06/29/2022  
 Supervised By :Jagrut Upadhyay 06/29/2022

Quant Time: Jun 28 14:38:10 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG061322.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 27 00:27:54 2022

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.071  | 152  | 23471    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.886 | 136  | 99897    | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.699 | 164  | 77910    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.449 | 188  | 195250   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.726 | 240  | 180123   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.981 | 264  | 188463   | 20.000 | ng    | 0.02     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.639  | 112  | 100741   | 82.062 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.231  | 99   | 147774   | 88.734 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.235  | 82   | 146917   | 82.647 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.185 | 330  | 101882   | 81.391 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.324 | 172  | 425647   | 79.444 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.051 | 244  | 755034   | 84.426 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.524  | 88   | 18950    | 35.312 | ng    | 98       |
| 3) Pyridine                   | 3.923  | 79   | 57480    | 40.138 | ng    | 92       |
| 4) n-Nitrosodimethylamine     | 3.835  | 42   | 26104    | 41.441 | ng    | 94       |
| 6) Aniline                    | 7.396  | 93   | 85033    | 43.066 | ng    | 98       |
| 8) 2-Chlorophenol             | 7.636  | 128  | 56835    | 43.360 | ng    | 96       |
| 9) Benzaldehyde               | 7.208  | 77   | 39039    | 39.719 | ng    | # 76     |
| 10) Phenol                    | 7.260  | 94   | 75384    | 44.665 | ng    | 95       |
| 11) bis(2-Chloroethyl)ether   | 7.484  | 93   | 55145    | 42.569 | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.965  | 146  | 65190    | 39.690 | ng    | 95       |
| 13) 1,4-Dichlorobenzene       | 8.107  | 146  | 65682    | 39.810 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.430  | 146  | 63841    | 40.308 | ng    | 99       |
| 15) Benzyl Alcohol            | 8.306  | 79   | 58658    | 47.127 | ng    | 94       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.600  | 45   | 87662    | 45.267 | ng    | 98       |
| 17) 2-Methylphenol            | 8.512  | 107  | 54236    | 46.259 | ng    | 92       |
| 18) Hexachloroethane          | 9.158  | 117  | 22795    | 41.648 | ng    | # 83     |
| 19) n-Nitroso-di-n-propyla... | 8.876  | 70   | 52632    | 47.042 | ng    | 93       |
| 20) 3+4-Methylphenols         | 8.841  | 107  | 76128    | 46.300 | ng    | 93       |
| 22) Acetophenone              | 8.894  | 105  | 97511    | 40.157 | ng    | # 97     |
| 24) Nitrobenzene              | 9.276  | 77   | 74251    | 42.417 | ng    | # 87     |
| 25) Isophorone                | 9.799  | 82   | 140548   | 42.334 | ng    | 96       |
| 26) 2-Nitrophenol             | 9.993  | 139  | 35905    | 46.438 | ng    | # 83     |
| 27) 2,4-Dimethylphenol        | 10.045 | 122  | 53908    | 43.076 | ng    | 92       |
| 28) bis(2-Chloroethoxy)met... | 10.280 | 93   | 74419    | 41.609 | ng    | 96       |
| 29) 2,4-Dichlorophenol        | 10.533 | 162  | 73051    | 43.537 | ng    | 93       |
| 30) 1,2,4-Trichlorobenzene    | 10.745 | 180  | 81552    | 39.253 | ng    | 94       |
| 31) Naphthalene               | 10.933 | 128  | 205462   | 40.742 | ng    | 98       |
| 32) Benzoic acid              | 10.192 | 122  | 31310    | 55.211 | ng    | # 79     |
| 33) 4-Chloroaniline           | 11.033 | 127  | 91288    | 43.633 | ng    | 93       |
| 34) Hexachlorobutadiene       | 11.221 | 225  | 60115    | 37.635 | ng    | 97       |
| 35) Caprolactam               | 11.808 | 113  | 22066    | 47.771 | ng    | 94       |
| 36) 4-Chloro-3-methylphenol   | 12.155 | 107  | 75934    | 46.554 | ng    | 87       |
| 37) 2-Methylnaphthalene       | 12.537 | 142  | 157780   | 42.287 | ng    | 97       |
| 38) 1-Methylnaphthalene       | 12.754 | 142  | 151758   | 41.772 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.901 | 216  | 114205   | 38.042 | ng    | 96       |
| 41) Hexachlorocyclopentadiene | 12.883 | 237  | 58470    | 41.827 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 13.142 | 196  | 72181    | 42.804 | ng    | 98       |

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 Sample : SSTDCCC040  
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Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 06/29/2022  
 Supervised By : Jagrut Upadhyay 06/29/2022

Quant Time: Jun 28 14:38:10 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG061322.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 27 00:27:54 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.212 | 196  | 81672    | 43.376 | ng    | # 92     |
| 46) 1,1'-Biphenyl             | 13.535 | 154  | 219350   | 40.419 | ng    | 97       |
| 47) 2-Chloronaphthalene       | 13.582 | 162  | 178140   | 40.561 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.776 | 65   | 54592    | 46.728 | ng    | 92       |
| 49) Acenaphthylene            | 14.423 | 152  | 281316   | 41.192 | ng    | 99       |
| 50) Dimethylphthalate         | 14.152 | 163  | 242382   | 40.850 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.264 | 165  | 52717    | 43.974 | ng    | # 78     |
| 52) Acenaphthene              | 14.763 | 154  | 181647m  | 41.727 | ng    |          |
| 53) 3-Nitroaniline            | 14.599 | 138  | 51519    | 44.358 | ng    | 88       |
| 54) 2,4-Dinitrophenol         | 14.810 | 184  | 27742    | 45.293 | ng    | # 75     |
| 55) Dibenzofuran              | 15.098 | 168  | 287409   | 40.977 | ng    | 93       |
| 56) 4-Nitrophenol             | 14.904 | 139  | 35566    | 43.133 | ng    | # 84     |
| 57) 2,4-Dinitrotoluene        | 15.057 | 165  | 75907    | 44.834 | ng    | # 88     |
| 58) Fluorene                  | 15.745 | 166  | 237328   | 41.211 | ng    | 95       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.322 | 232  | 77752    | 42.225 | ng    | # 92     |
| 60) Diethylphthalate          | 15.510 | 149  | 237568   | 41.344 | ng    | 96       |
| 61) 4-Chlorophenyl-phenyle... | 15.733 | 204  | 136507   | 39.594 | ng    | 90       |
| 62) 4-Nitroaniline            | 15.762 | 138  | 51560    | 42.569 | ng    | # 76     |
| 63) Azobenzene                | 16.027 | 77   | 201598   | 43.585 | ng    | 93       |
| 65) 4,6-Dinitro-2-methylph... | 15.827 | 198  | 46096    | 47.321 | ng    | 83       |
| 66) n-Nitrosodiphenylamine    | 15.950 | 169  | 212593   | 41.778 | ng    | 95       |
| 67) 4-Bromophenyl-phenylether | 16.632 | 248  | 99284    | 40.714 | ng    | 93       |
| 68) Hexachlorobenzene         | 16.755 | 284  | 106543   | 38.195 | ng    | 93       |
| 69) Atrazine                  | 16.890 | 200  | 85497    | 40.559 | ng    | 97       |
| 70) Pentachlorophenol         | 17.096 | 266  | 54044    | 41.708 | ng    | 94       |
| 71) Phenanthrene              | 17.490 | 178  | 401667   | 40.041 | ng    | 98       |
| 72) Anthracene                | 17.578 | 178  | 395568   | 40.381 | ng    | 99       |
| 73) Carbazole                 | 17.842 | 167  | 333759   | 39.694 | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.400 | 149  | 406524   | 41.816 | ng    | # 98     |
| 75) Fluoranthene              | 19.493 | 202  | 480835   | 36.514 | ng    | 98       |
| 77) Benzidine                 | 19.664 | 184  | 136683   | 36.643 | ng    | 97       |
| 78) Pyrene                    | 19.857 | 202  | 479080   | 44.037 | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.733 | 149  | 162664   | 46.648 | ng    | 94       |
| 81) Benzo(a)anthracene        | 21.702 | 228  | 472671   | 40.529 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.614 | 252  | 142790   | 40.979 | ng    | 97       |
| 83) Chrysene                  | 21.767 | 228  | 447483   | 40.253 | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 21.602 | 149  | 228475   | 45.812 | ng    | 96       |
| 85) Di-n-octyl phthalate      | 22.830 | 149  | 393894   | 45.952 | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.724 | 276  | 561673   | 39.492 | ng    | # 95     |
| 88) Benzo(b)fluoranthene      | 23.947 | 252  | 451754   | 39.423 | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 24.017 | 252  | 453117   | 39.938 | ng    | 98       |
| 90) Benzo(a)pyrene            | 24.828 | 252  | 388611   | 40.194 | ng    | # 99     |
| 91) Dibenzo(a,h)anthracene    | 28.782 | 278  | 462398   | 39.317 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 29.893 | 276  | 456664   | 39.346 | ng    | 97       |

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





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.071 min Scan# 79  
Delta R.T. 0.001 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

Instrument :

BNA\_G

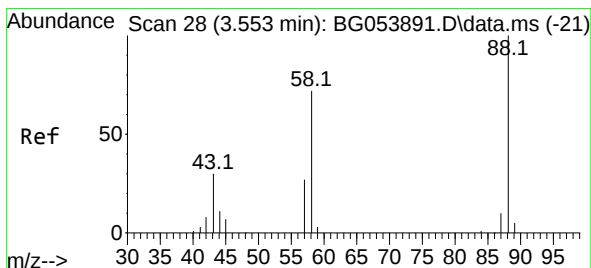
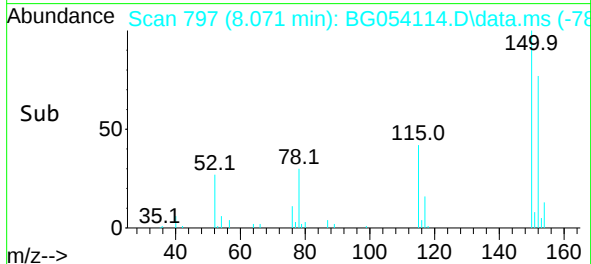
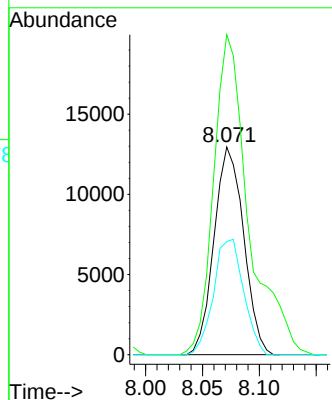
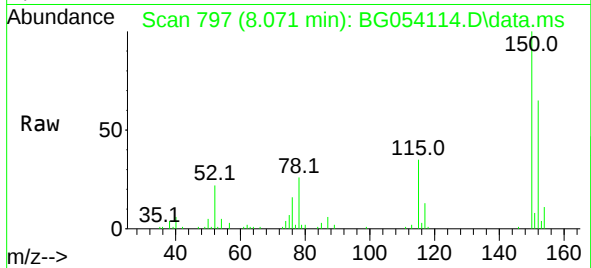
ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 2347  
Ion Ratio Lower Upper  
152 100  
150 154.1 131.6 197.4  
115 54.5 50.9 76.3

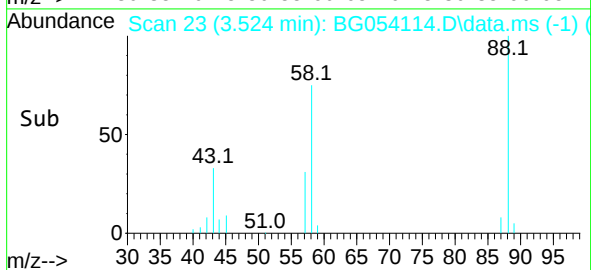
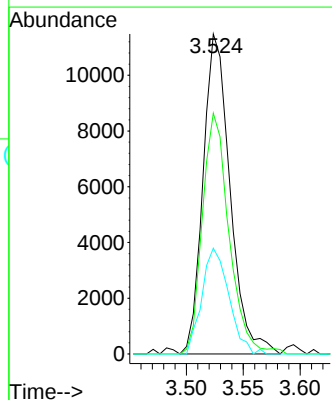
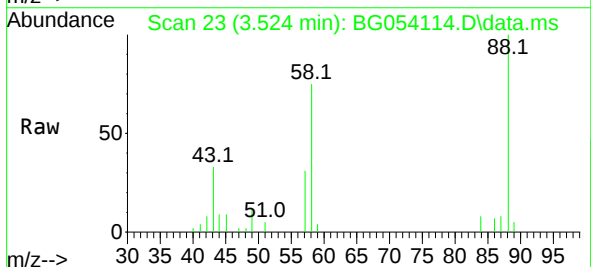
Manual Integrations  
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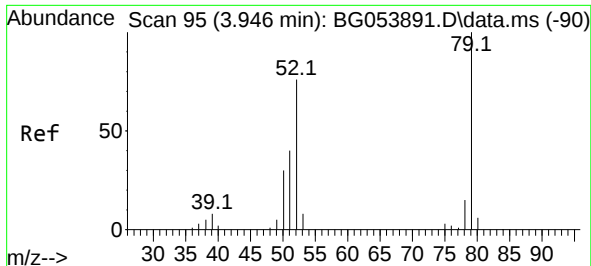
Reviewed By :Christian Giraldo 06/29/2022  
Supervised By :Jagrut Upadhyay 06/29/2022



#2  
1,4-Dioxane  
Concen: 35.312 ng  
RT: 3.524 min Scan# 23  
Delta R.T. -0.005 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

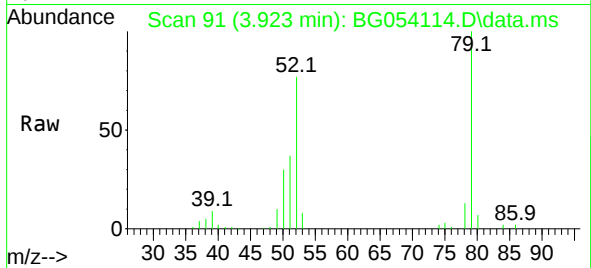
Tgt Ion: 88 Resp: 18950  
Ion Ratio Lower Upper  
88 100  
58 74.2 59.2 88.8  
43 33.1 24.3 36.5





#3  
Pyridine  
Concen: 40.138 ng  
RT: 3.923 min Scan# 91  
Delta R.T. -0.005 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

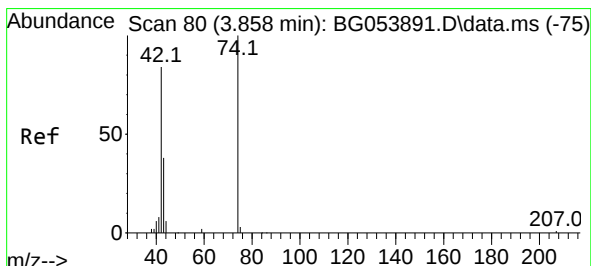
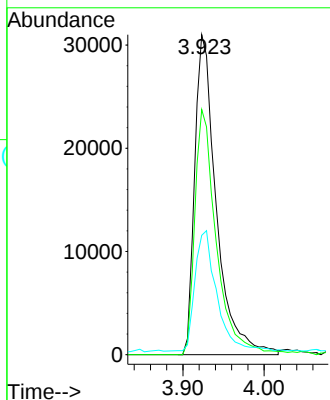
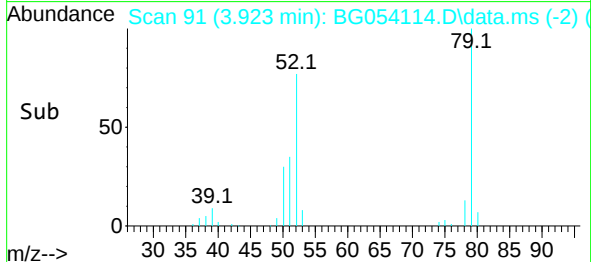
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 79 Resp: 57480  
Ion Ratio Lower Upper  
79 100  
52 76.6 54.6 81.8  
51 37.3 32.5 48.7

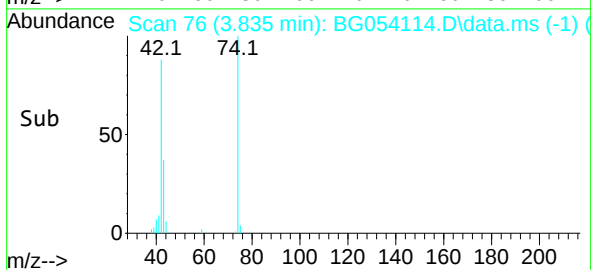
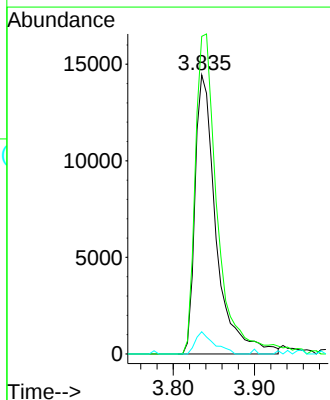
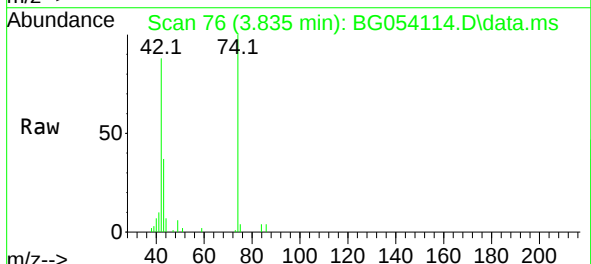
Manual Integrations  
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Supervised By :Jagrut Upadhyay 06/29/2022



#4  
n-Nitrosodimethylamine  
Concen: 41.441 ng  
RT: 3.835 min Scan# 76  
Delta R.T. -0.005 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

Tgt Ion: 42 Resp: 26104  
Ion Ratio Lower Upper  
42 100  
74 113.8 97.0 145.4  
44 7.9 7.0 10.4





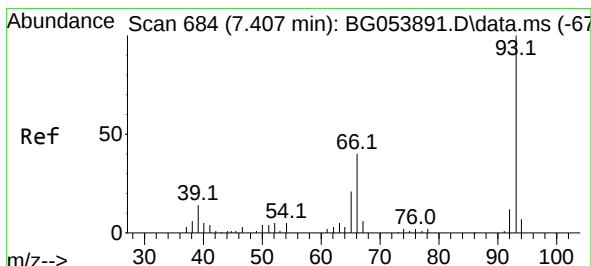
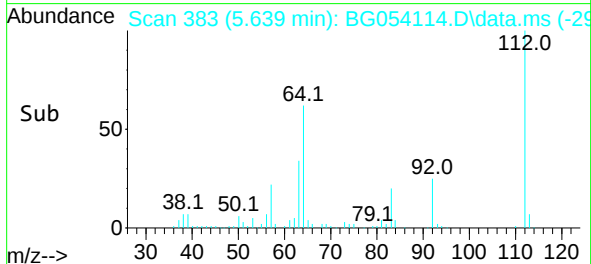
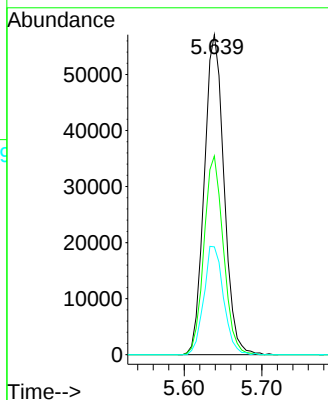
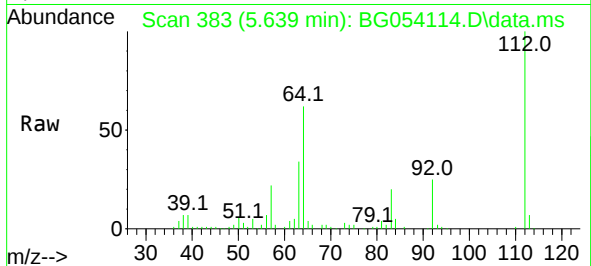
#5  
2-Fluorophenol  
Concen: 82.062 ng  
RT: 5.639 min Scan# 383  
Delta R.T. 0.001 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

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Tgt Ion:112 Resp: 10074  
Ion Ratio Lower Upper  
112 100  
64 62.1 55.1 82.7  
63 33.7 30.4 45.6

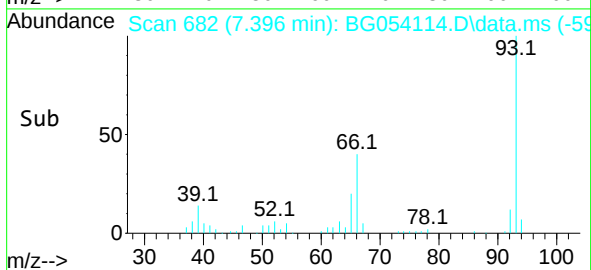
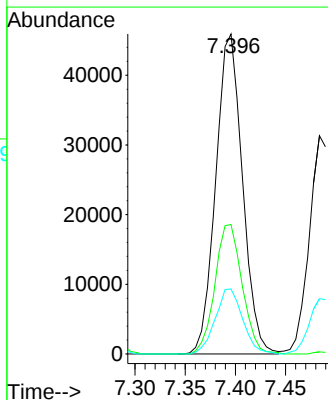
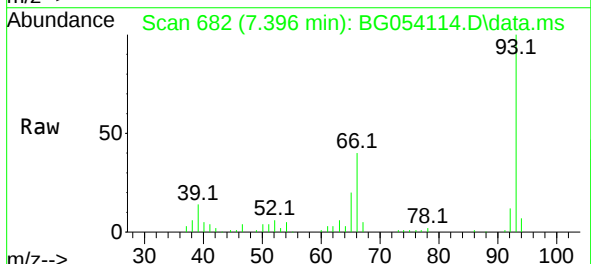
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#6  
Aniline  
Concen: 43.066 ng  
RT: 7.396 min Scan# 682  
Delta R.T. 0.007 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

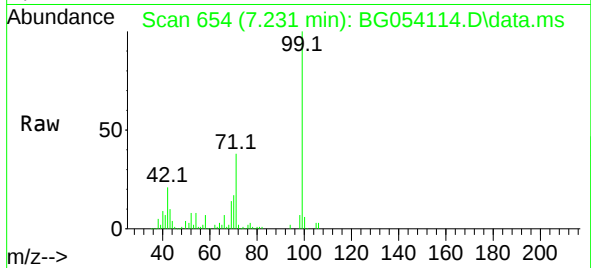
Tgt Ion: 93 Resp: 85033  
Ion Ratio Lower Upper  
93 100  
66 40.5 32.9 49.3  
65 20.3 17.8 26.8





#7  
Phenol-d6  
Concen: 88.734 ng  
RT: 7.231 min Scan# 61  
Delta R.T. 0.001 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

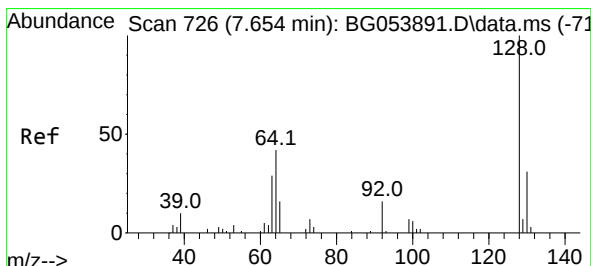
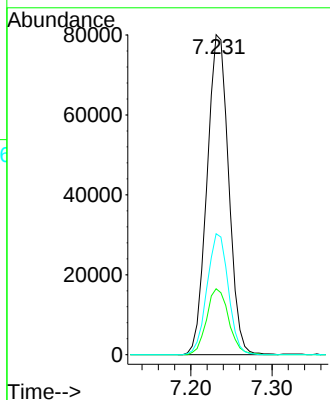
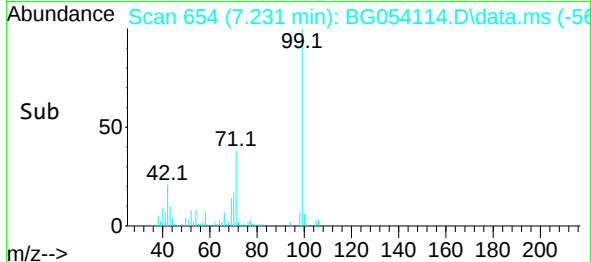
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



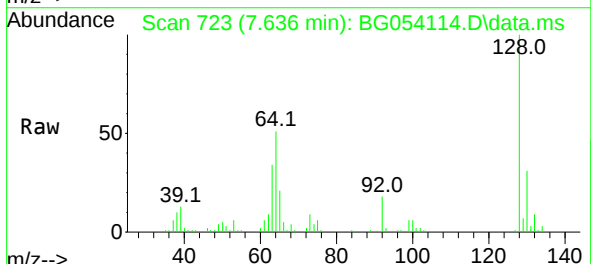
Tgt Ion: 99 Resp: 147774  
Ion Ratio Lower Upper  
99 100  
42 20.6 17.0 25.6  
71 37.8 33.8 50.8

Manual Integrations  
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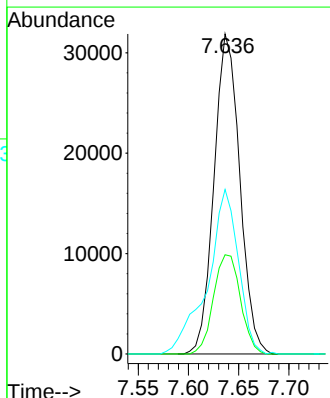
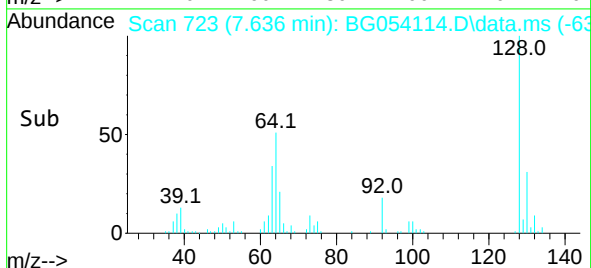
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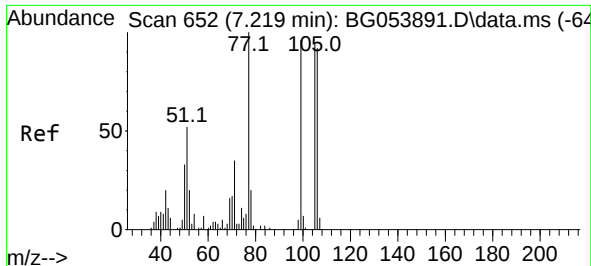


#8  
2-Chlorophenol  
Concen: 43.360 ng  
RT: 7.636 min Scan# 723  
Delta R.T. 0.001 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09



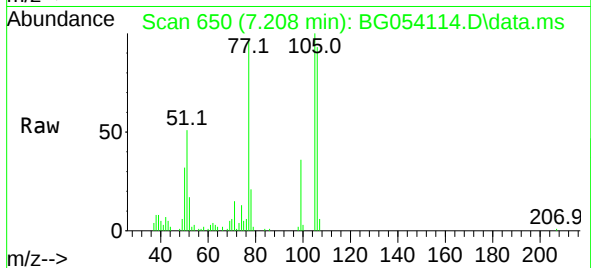
Tgt Ion:128 Resp: 56835  
Ion Ratio Lower Upper  
128 100  
130 31.0 10.5 50.5  
64 51.4 35.1 75.1





#9  
Benzaldehyde  
Concen: 39.719 ng  
RT: 7.208 min Scan# 61  
Delta R.T. 0.001 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

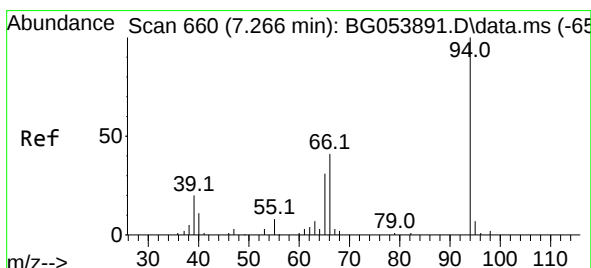
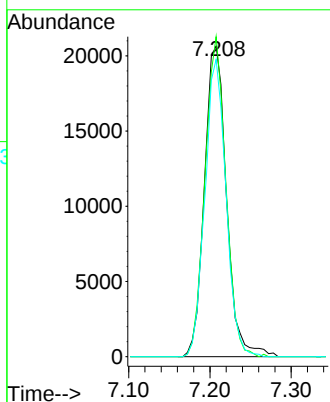
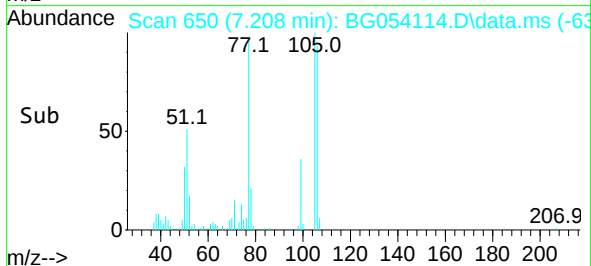
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



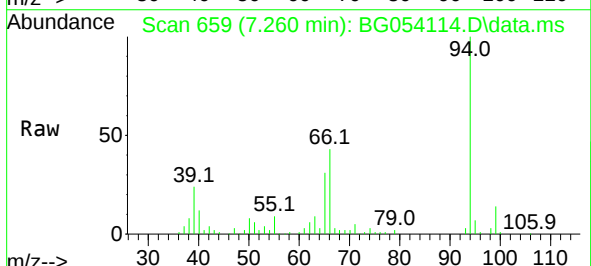
Tgt Ion: 77 Resp: 39039  
Ion Ratio Lower Upper  
77 100  
105 103.1 59.6 99.6  
106 95.7 56.8 96.8

Manual Integrations  
APPROVED

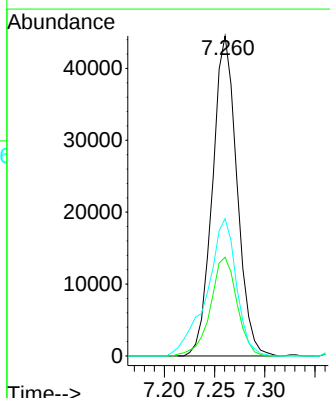
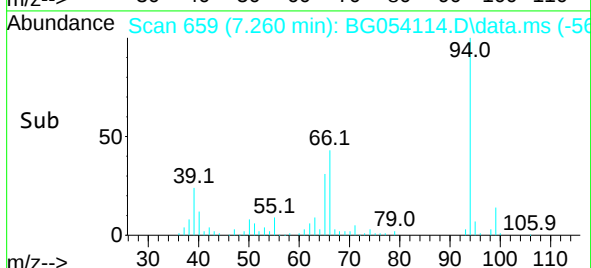
Reviewed By :Christian Giraldo 06/29/2022  
Supervised By :Jagrut Upadhyay 06/29/2022

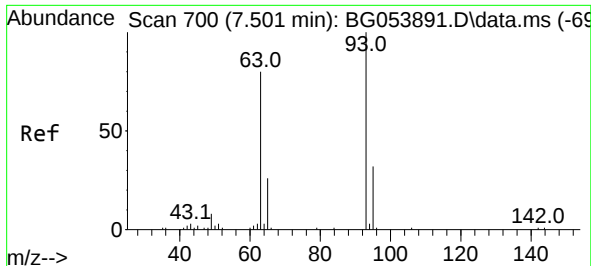


#10  
Phenol  
Concen: 44.665 ng  
RT: 7.260 min Scan# 659  
Delta R.T. 0.001 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09



Tgt Ion: 94 Resp: 75384  
Ion Ratio Lower Upper  
94 100  
65 30.8 14.8 54.8  
66 42.9 25.2 65.2





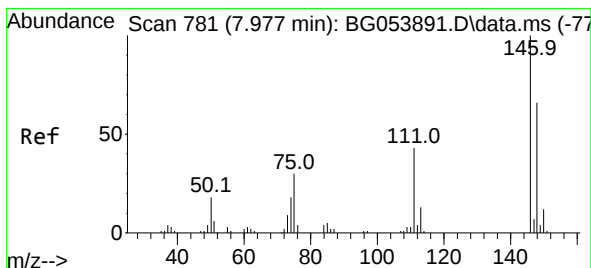
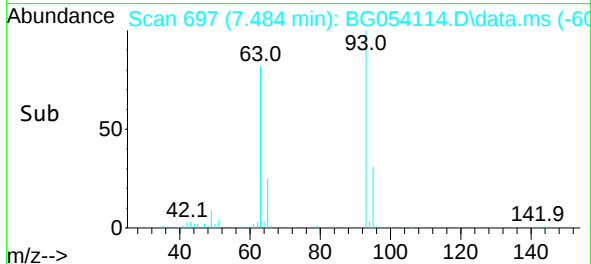
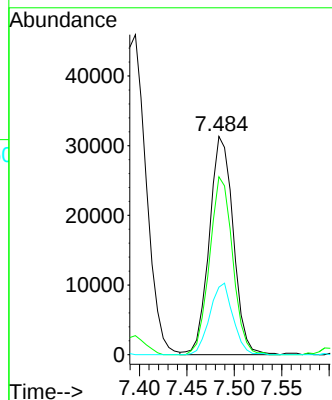
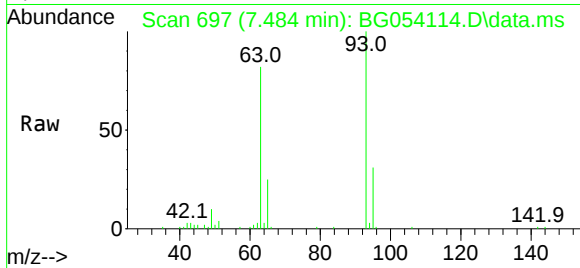
#11  
bis(2-Chloroethyl)ether  
Concen: 42.569 ng  
RT: 7.484 min Scan# 697  
Delta R.T. -0.005 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 93 Resp: 5514  
Ion Ratio Lower Upper  
93 100  
63 81.5 63.6 103.6  
95 30.9 10.1 50.1

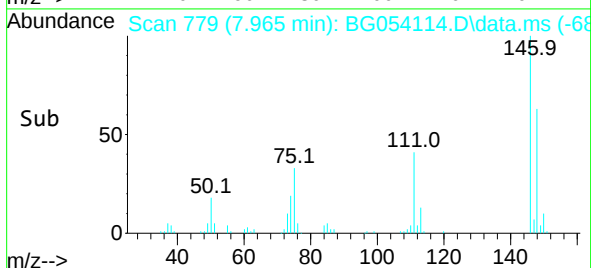
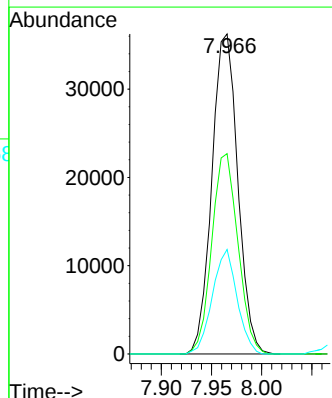
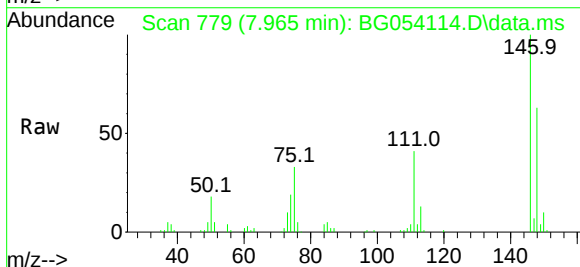
Manual Integrations  
APPROVED

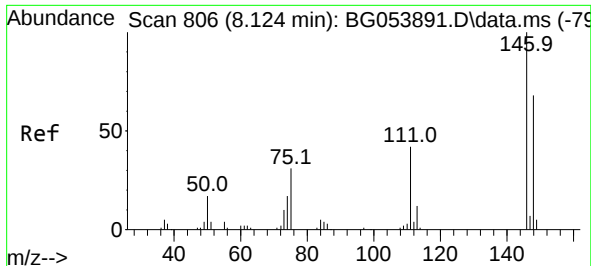
Reviewed By :Christian Giraldo 06/29/2022  
Supervised By :Jagrut Upadhyay 06/29/2022



#12  
1,3-Dichlorobenzene  
Concen: 39.690 ng  
RT: 7.965 min Scan# 779  
Delta R.T. 0.001 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

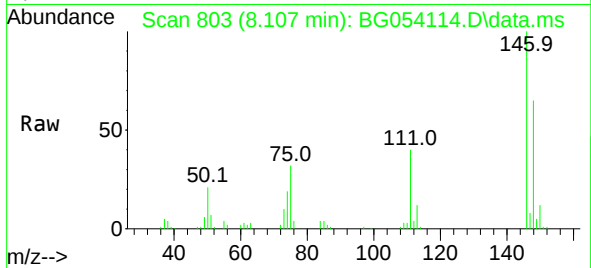
Tgt Ion:146 Resp: 65190  
Ion Ratio Lower Upper  
146 100  
148 62.6 46.1 69.1  
75 32.7 27.6 41.4





#13  
1,4-Dichlorobenzene  
Concen: 39.810 ng  
RT: 8.107 min Scan# 80  
Delta R.T. 0.001 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

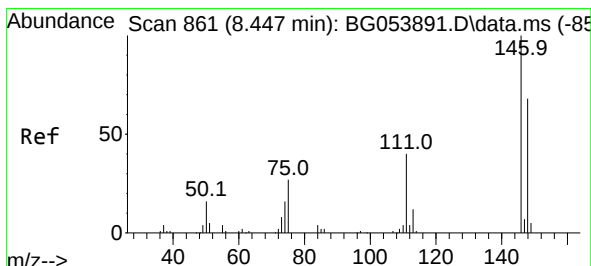
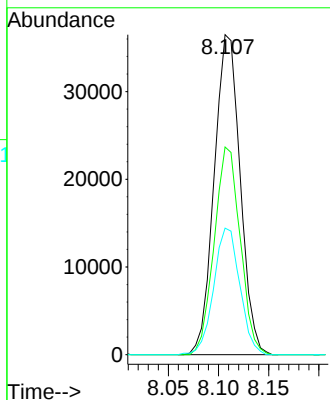
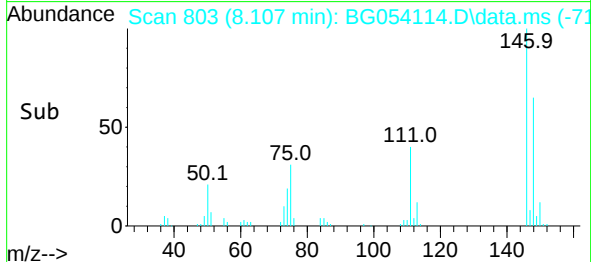
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



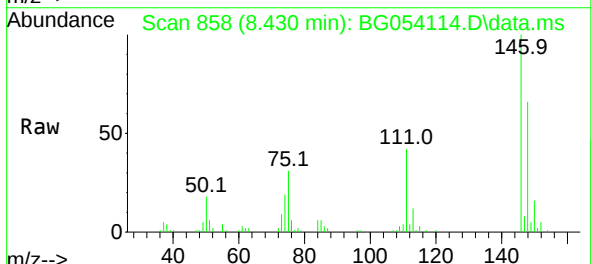
Tgt Ion:146 Resp: 6568  
Ion Ratio Lower Upper  
146 100  
148 64.9 51.5 77.3  
111 39.5 33.9 50.9

Manual Integrations  
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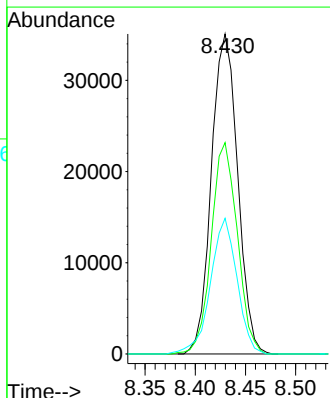
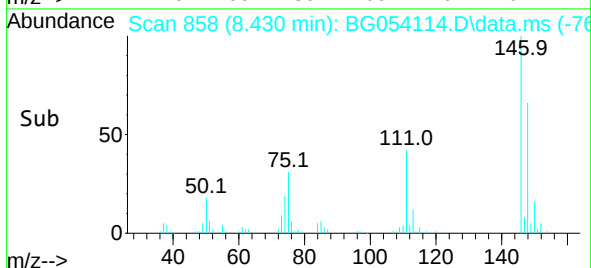
Reviewed By :Christian Giraldo 06/29/2022  
Supervised By :Jagrut Upadhyay 06/29/2022

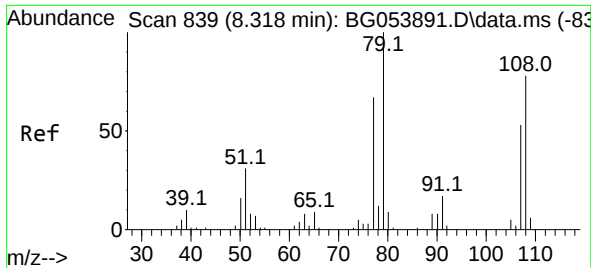


#14  
1,2-Dichlorobenzene  
Concen: 40.308 ng  
RT: 8.430 min Scan# 858  
Delta R.T. 0.001 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09



Tgt Ion:146 Resp: 63841  
Ion Ratio Lower Upper  
146 100  
148 66.1 52.6 78.8  
111 42.4 34.5 51.7





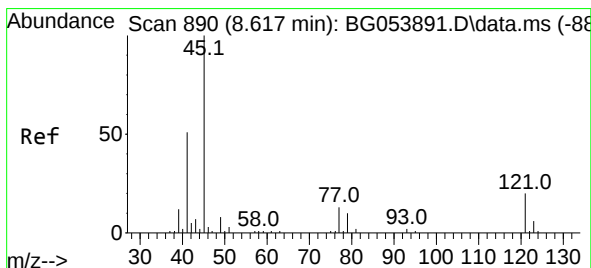
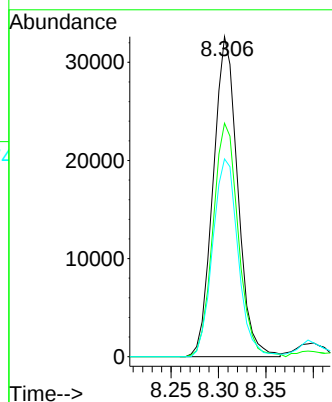
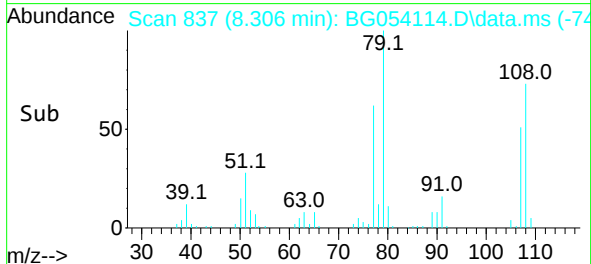
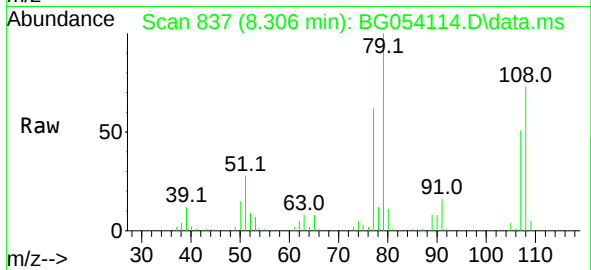
#15  
Benzyl Alcohol  
Concen: 47.127 ng  
RT: 8.306 min Scan# 81  
Delta R.T. 0.001 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 79 Resp: 5865  
Ion Ratio Lower Upper  
79 100  
108 72.9 53.7 80.5  
77 61.8 52.2 78.4

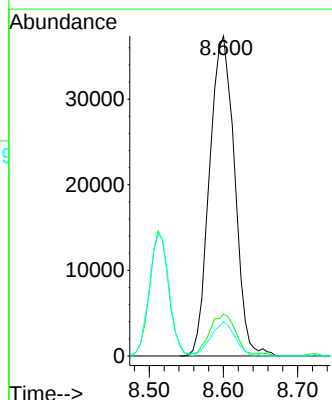
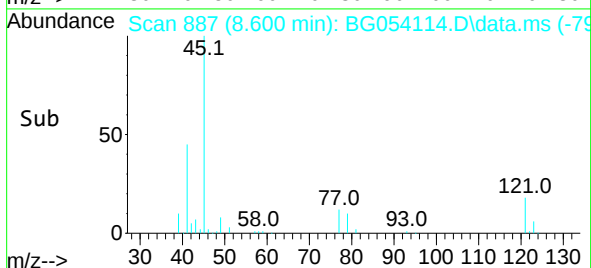
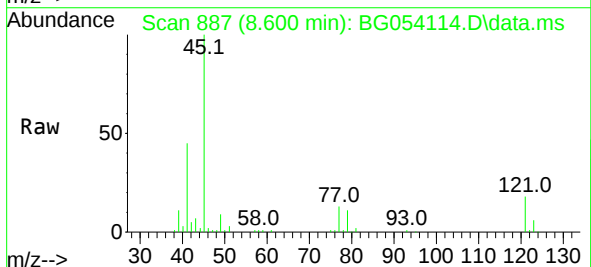
Manual Integrations  
APPROVED

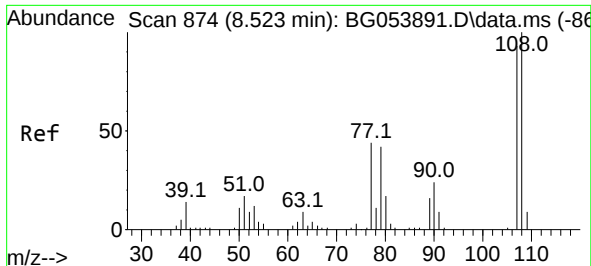
Reviewed By :Christian Giraldo 06/29/2022  
Supervised By :Jagrut Upadhyay 06/29/2022



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 45.267 ng  
RT: 8.600 min Scan# 887  
Delta R.T. 0.007 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

Tgt Ion: 45 Resp: 87662  
Ion Ratio Lower Upper  
45 100  
77 13.1 0.0 32.7  
79 10.8 0.0 29.7





#17  
2-Methylphenol  
Concen: 46.259 ng  
RT: 8.512 min Scan# 81  
Delta R.T. 0.001 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

Instrument :

BNA\_G

ClientSampleId :

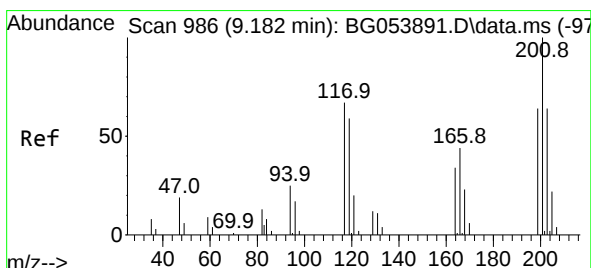
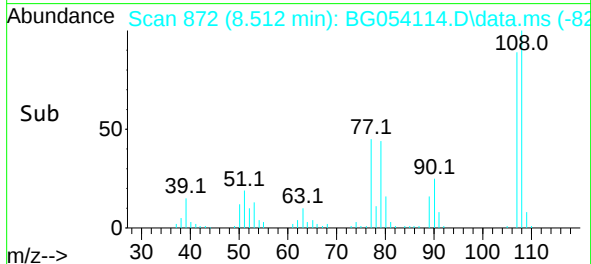
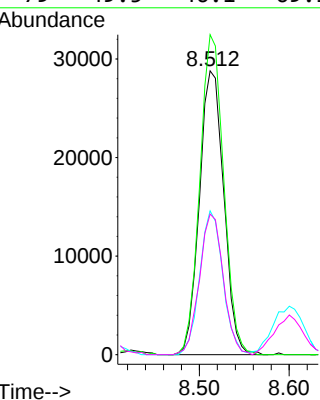
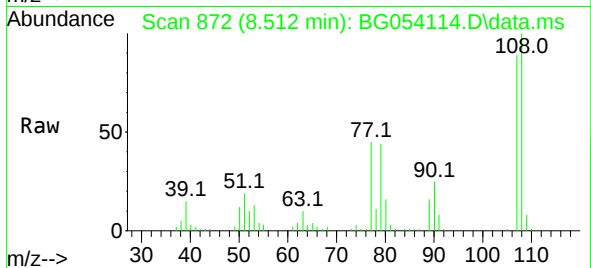
SSTDCCC040

Tgt Ion:107 Resp: 54230  
Ion Ratio Lower Upper  
107 100  
108 112.8 85.4 128.0  
77 50.7 46.2 69.2  
79 49.5 46.1 69.1

Manual Integrations

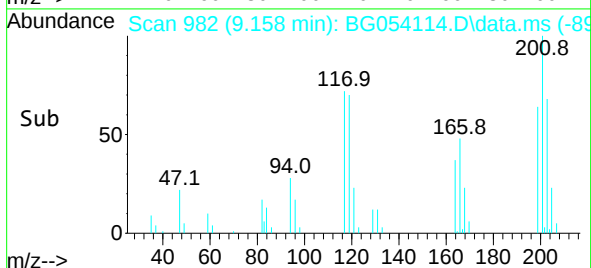
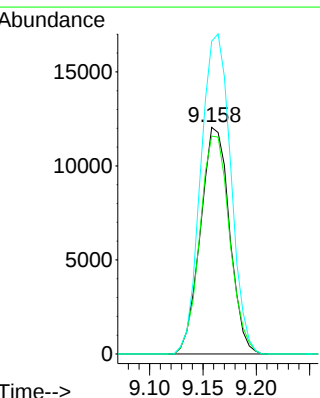
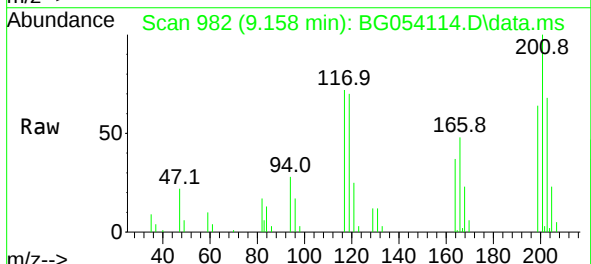
APPROVED

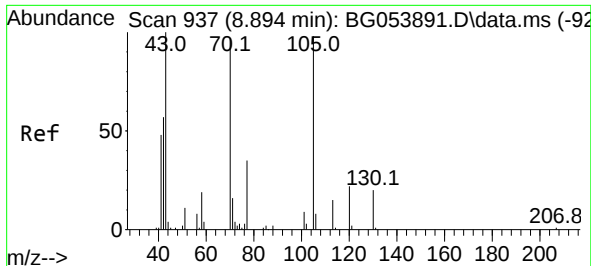
Reviewed By :Christian Giraldo 06/29/2022  
Supervised By :Jagrut Upadhyay 06/29/2022



#18  
Hexachloroethane  
Concen: 41.648 ng  
RT: 9.158 min Scan# 982  
Delta R.T. -0.005 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

Tgt Ion:117 Resp: 22795  
Ion Ratio Lower Upper  
117 100  
119 96.1 75.0 112.6  
201 141.6 89.0 133.6#





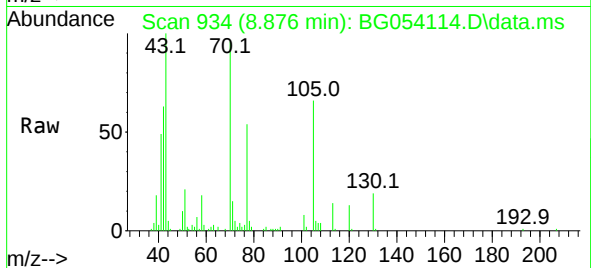
#19  
n-Nitroso-di-n-propylamine  
Concen: 47.042 ng  
RT: 8.876 min Scan# 91  
Delta R.T. 0.001 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

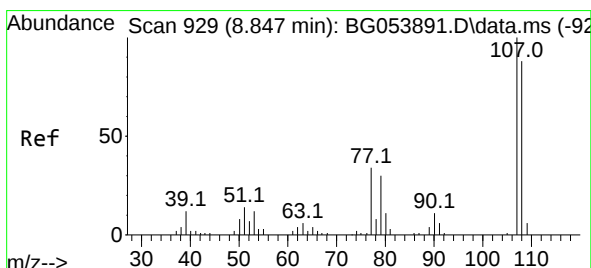
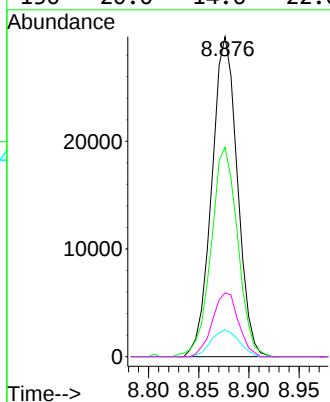
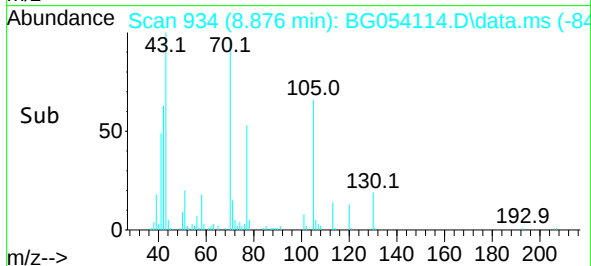


Tgt Ion: 70 Resp: 5263  
Ion Ratio Lower Upper  
70 100  
42 65.5 47.3 70.9  
101 8.5 7.0 10.4  
130 20.0 14.6 22.0

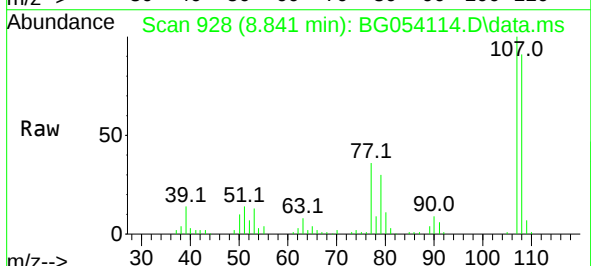
Manual Integrations

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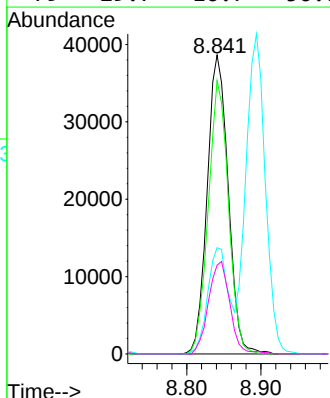
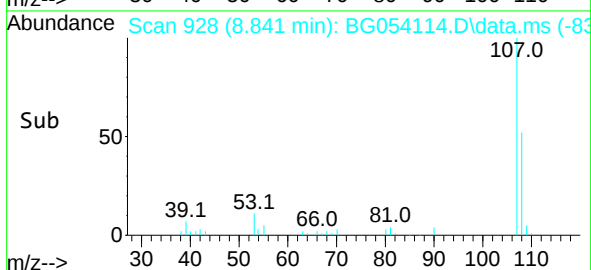
Reviewed By :Christian Giraldo 06/29/2022  
Supervised By :Jagrut Upadhyay 06/29/2022

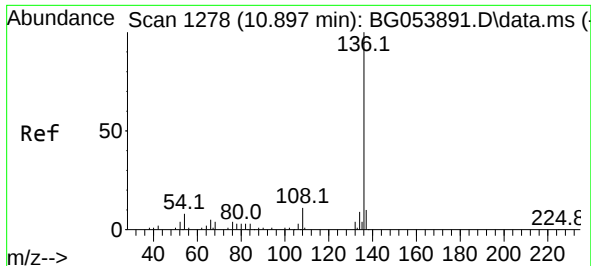


#20  
3+4-Methylphenols  
Concen: 46.300 ng  
RT: 8.841 min Scan# 928  
Delta R.T. 0.007 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09



Tgt Ion:107 Resp: 76128  
Ion Ratio Lower Upper  
107 100  
108 91.5 67.5 107.5  
77 35.5 20.3 60.3  
79 29.7 16.7 56.7





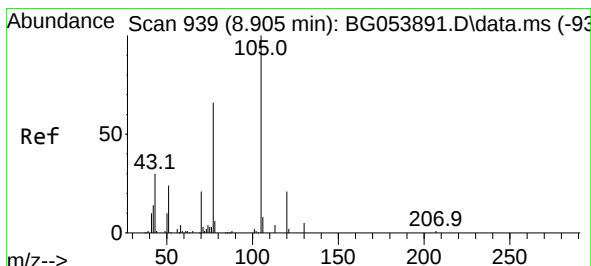
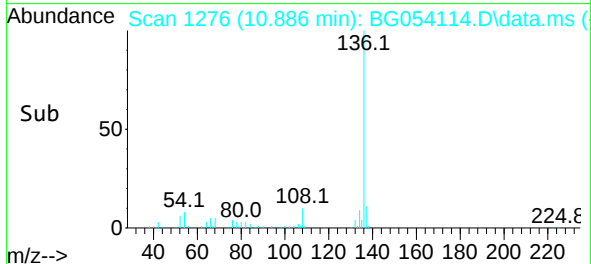
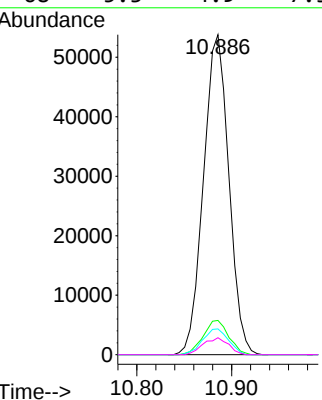
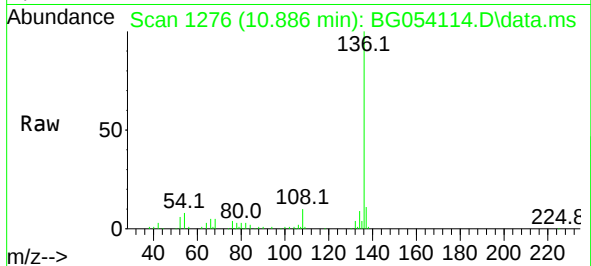
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.886 min Scan# 1086  
Delta R.T. 0.007 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 136   | Resp: | 9989 |
| Ion Ratio | Lower | Upper |      |
| 136       | 100   |       |      |
| 137       | 10.7  | 8.5   | 12.7 |
| 54        | 8.1   | 7.4   | 11.2 |
| 68        | 5.3   | 4.9   | 7.3  |

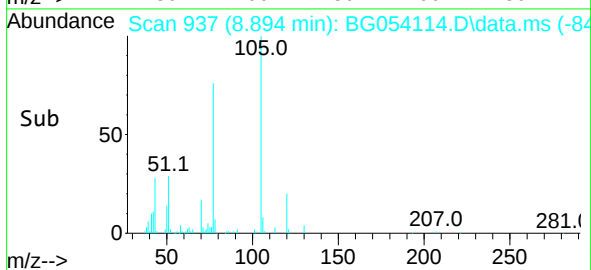
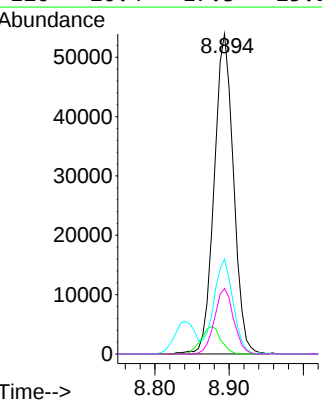
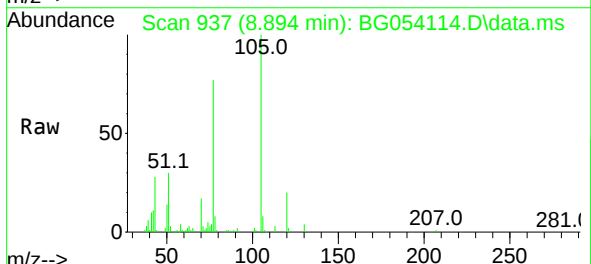
Manual Integrations  
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Reviewed By :Christian Giraldo 06/29/2022  
Supervised By :Jagrut Upadhyay 06/29/2022



#22  
Acetophenone  
Concen: 40.157 ng  
RT: 8.894 min Scan# 937  
Delta R.T. 0.001 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 97511 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 71        | 2.9   | 1.1   | 1.7#  |
| 51        | 29.6  | 25.4  | 38.0  |
| 120       | 20.4  | 17.3  | 25.9  |





#23  
Nitrobenzene-d5  
Concen: 82.647 ng  
RT: 9.235 min Scan# 995  
Delta R.T. 0.001 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

Instrument :

BNA\_G

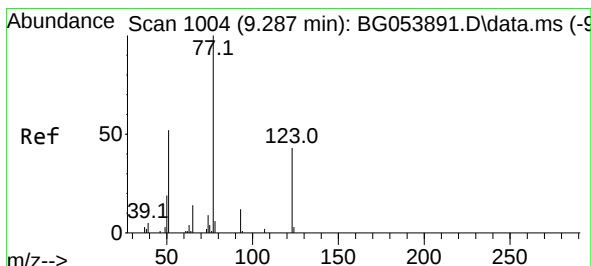
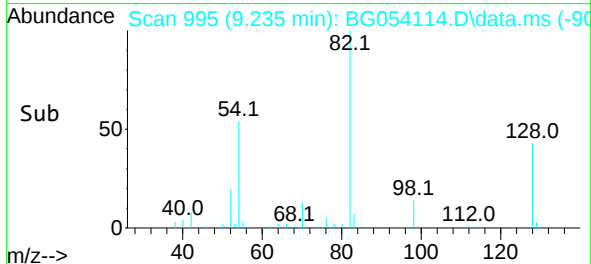
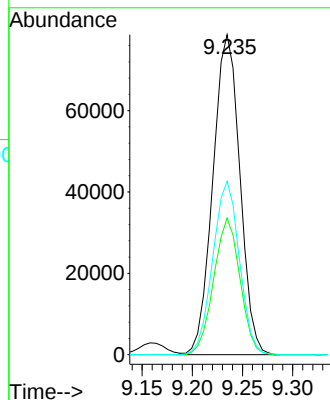
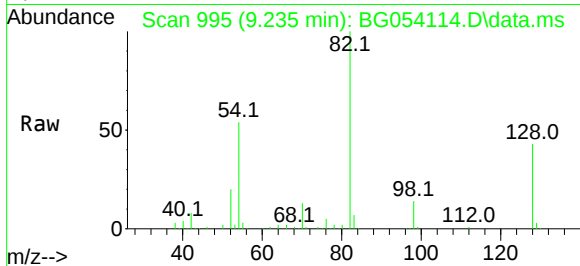
ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 146917  
Ion Ratio Lower Upper  
82 100  
128 42.7 27.9 41.9#  
54 54.2 41.2 61.8

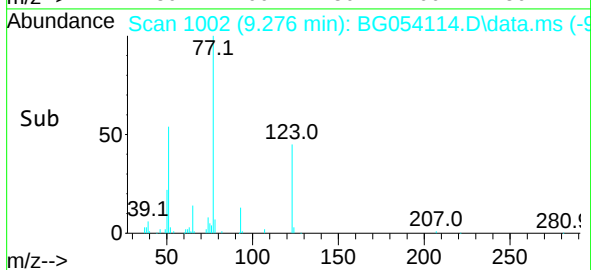
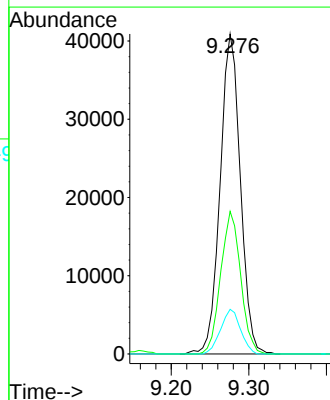
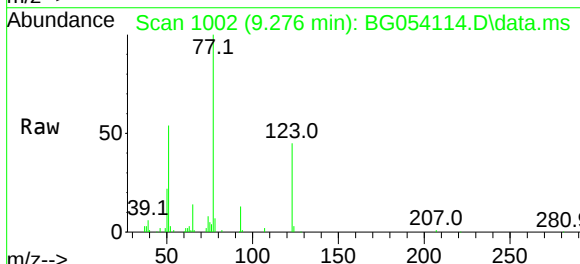
Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 06/29/2022  
Supervised By :Jagrut Upadhyay 06/29/2022



#24  
Nitrobenzene  
Concen: 42.417 ng  
RT: 9.276 min Scan# 1002  
Delta R.T. 0.001 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

Tgt Ion: 77 Resp: 74251  
Ion Ratio Lower Upper  
77 100  
123 44.6 27.4 41.0#  
65 14.0 11.4 17.0





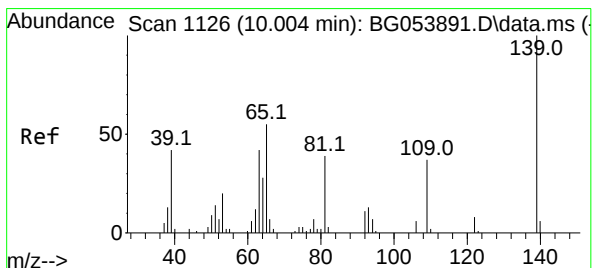
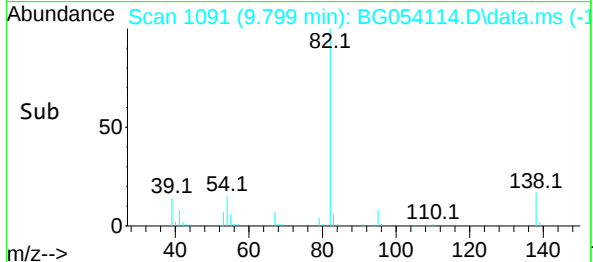
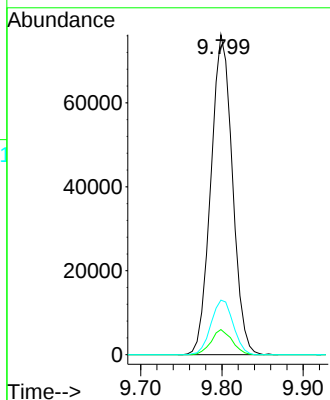
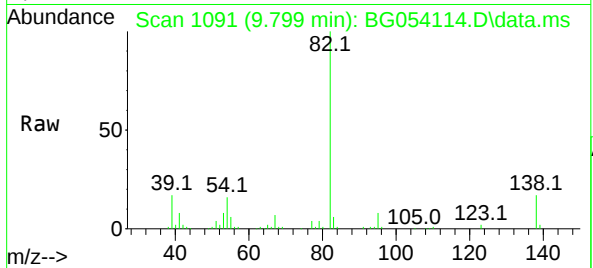
#25  
Isophorone  
Concen: 42.334 ng  
RT: 9.799 min Scan# 1093  
Delta R.T. 0.001 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 82 Resp: 140548  
Ion Ratio Lower Upper  
82 100  
95 7.9 6.2 9.4  
138 17.0 11.6 17.4

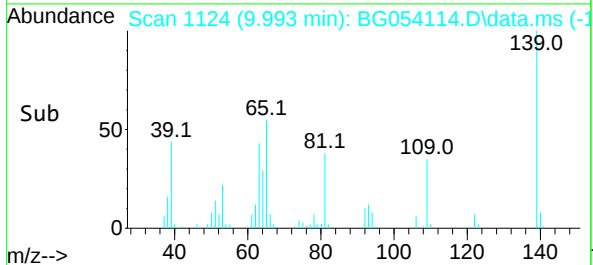
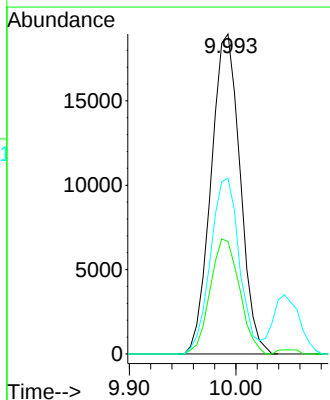
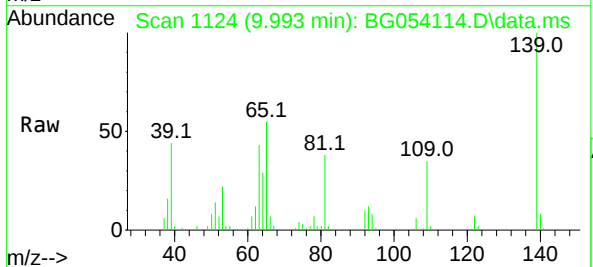
Manual Integrations  
APPROVED

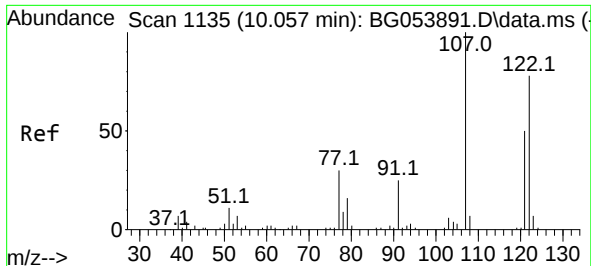
Reviewed By :Christian Giraldo 06/29/2022  
Supervised By :Jagrut Upadhyay 06/29/2022



#26  
2-Nitrophenol  
Concen: 46.438 ng  
RT: 9.993 min Scan# 1124  
Delta R.T. 0.001 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

Tgt Ion:139 Resp: 35905  
Ion Ratio Lower Upper  
139 100  
109 35.2 36.1 54.1#  
65 55.0 55.8 83.6#





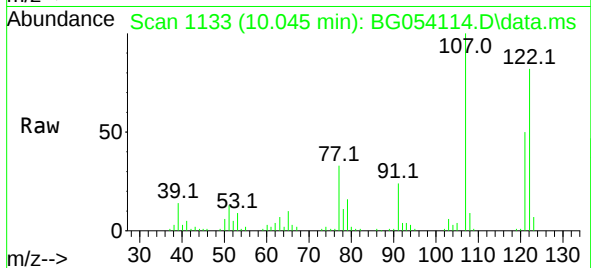
#27  
2,4-Dimethylphenol  
Concen: 43.076 ng  
RT: 10.045 min Scan# 1135  
Delta R.T. 0.001 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

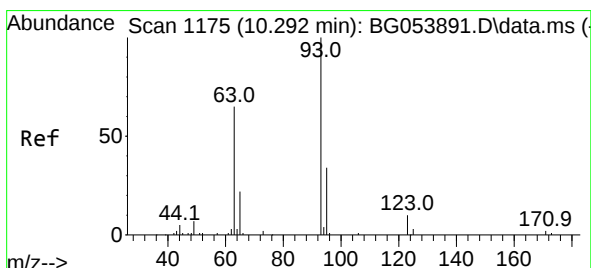
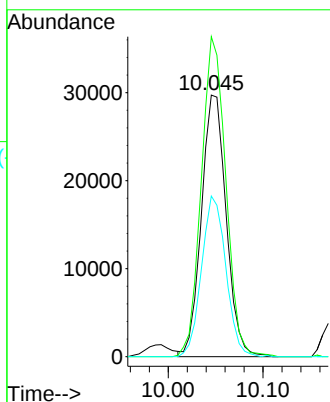
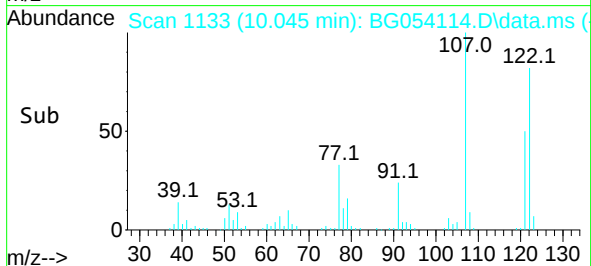


Tgt Ion:122 Resp: 53908  
Ion Ratio Lower Upper  
122 100  
107 122.3 109.4 164.0  
121 61.4 48.7 73.1

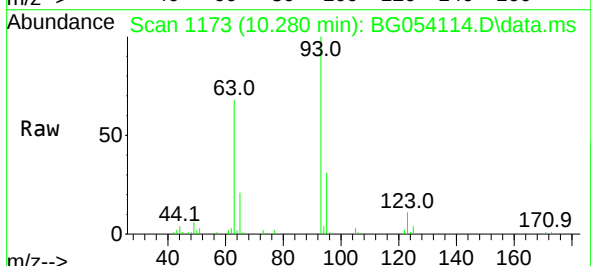
Manual Integrations

APPROVED

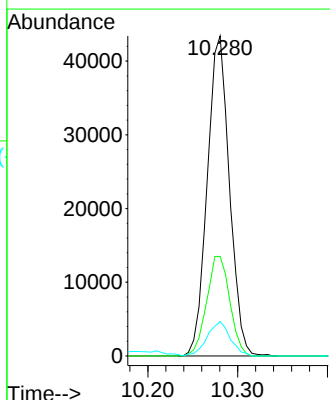
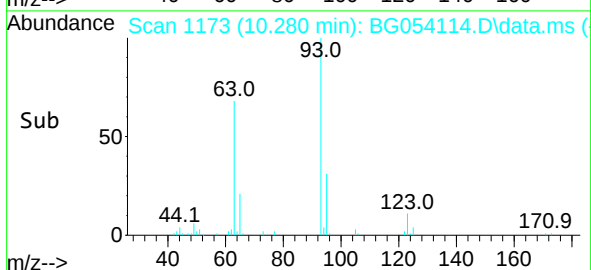
Reviewed By :Christian Giraldo 06/29/2022  
Supervised By :Jagrut Upadhyay 06/29/2022



#28  
bis(2-Chloroethoxy)methane  
Concen: 41.609 ng  
RT: 10.280 min Scan# 1173  
Delta R.T. 0.001 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09



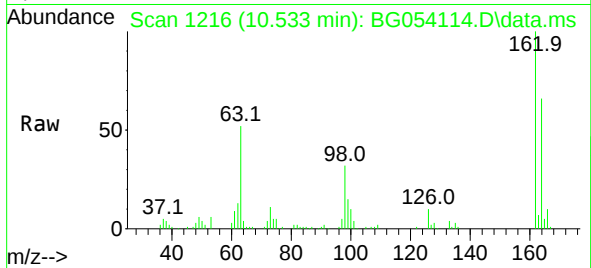
Tgt Ion: 93 Resp: 74419  
Ion Ratio Lower Upper  
93 100  
95 31.1 26.9 40.3  
123 10.8 7.7 11.5





#29  
2,4-Dichlorophenol  
Concen: 43.537 ng  
RT: 10.533 min Scan# 1053  
Delta R.T. 0.007 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

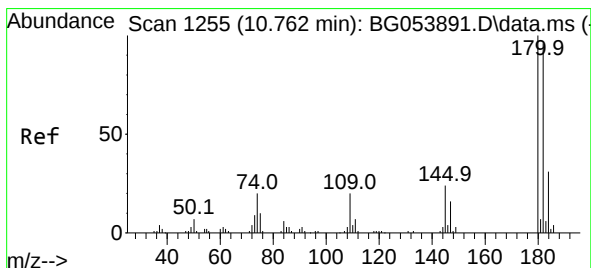
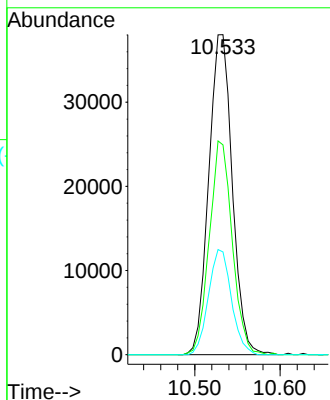
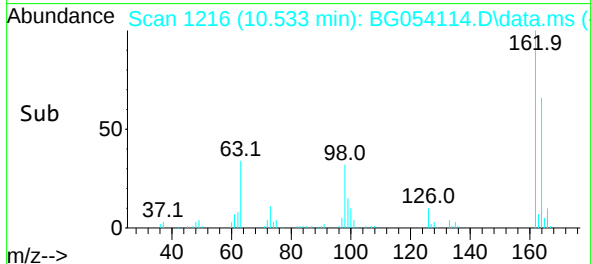
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



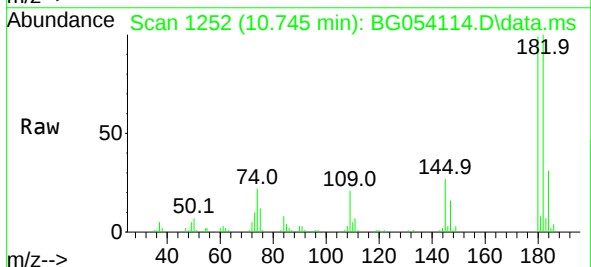
Tgt Ion:162 Resp: 7305  
Ion Ratio Lower Upper  
162 100  
164 65.5 46.6 86.6  
98 32.1 22.8 62.8

Manual Integrations  
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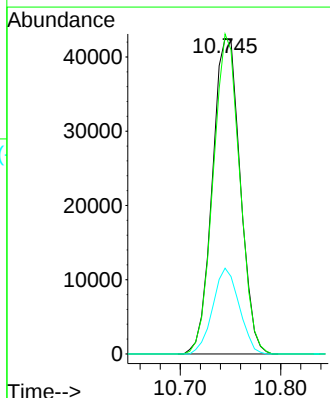
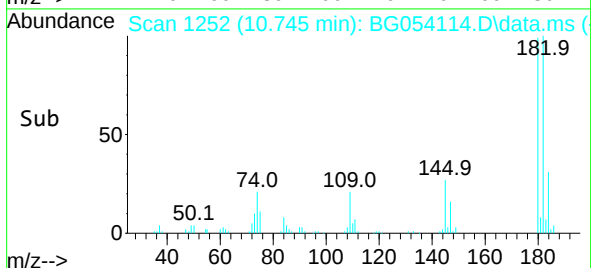
Reviewed By :Christian Giraldo 06/29/2022  
Supervised By :Jagrut Upadhyay 06/29/2022

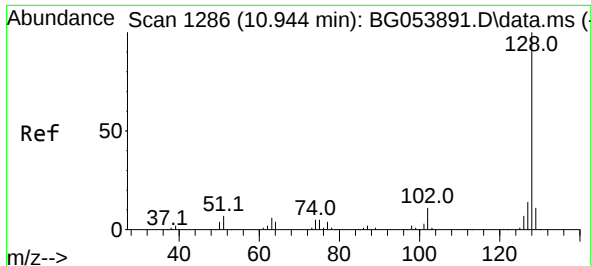


#30  
1,2,4-Trichlorobenzene  
Concen: 39.253 ng  
RT: 10.745 min Scan# 1252  
Delta R.T. 0.001 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09



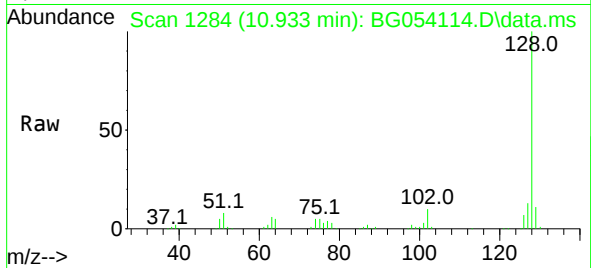
Tgt Ion:180 Resp: 81552  
Ion Ratio Lower Upper  
180 100  
182 101.5 76.6 115.0  
145 27.2 25.0 37.4





#31  
Naphthalene  
Concen: 40.742 ng  
RT: 10.933 min Scan# 1157  
Delta R.T. 0.001 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

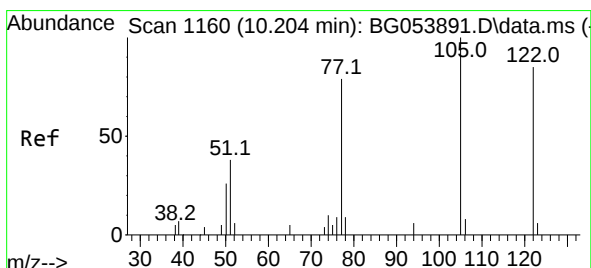
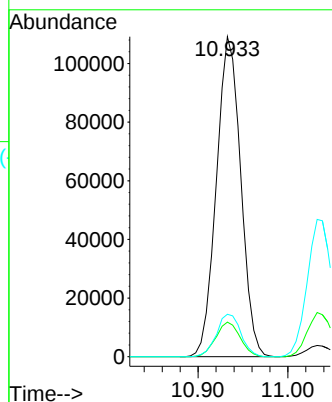
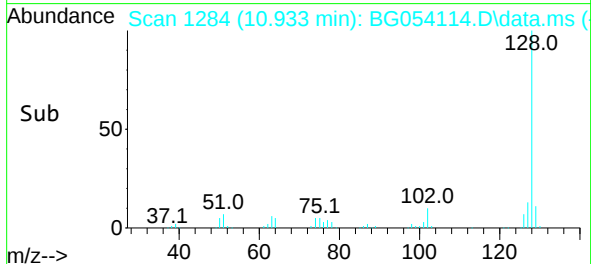
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



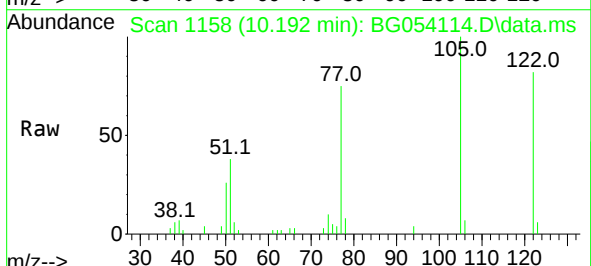
Tgt Ion:128 Resp: 205462  
Ion Ratio Lower Upper  
128 100  
129 10.8 9.0 13.6  
127 13.2 11.1 16.7

Manual Integrations  
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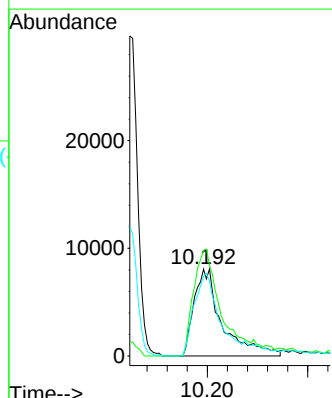
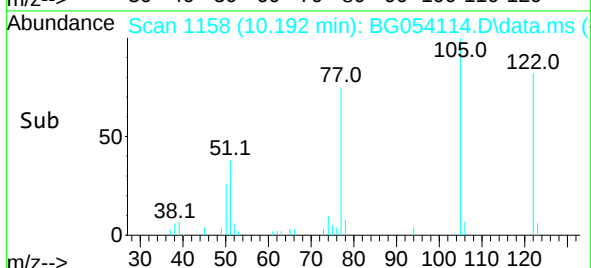
Reviewed By :Christian Giraldo 06/29/2022  
Supervised By :Jagrut Upadhyay 06/29/2022

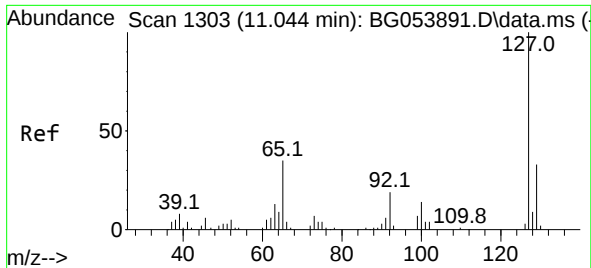


#32  
Benzoic acid  
Concen: 55.211 ng  
RT: 10.192 min Scan# 1158  
Delta R.T. -0.005 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09



Tgt Ion:122 Resp: 31310  
Ion Ratio Lower Upper  
122 100  
105 121.4 111.8 151.8  
77 91.4 109.4 149.4#





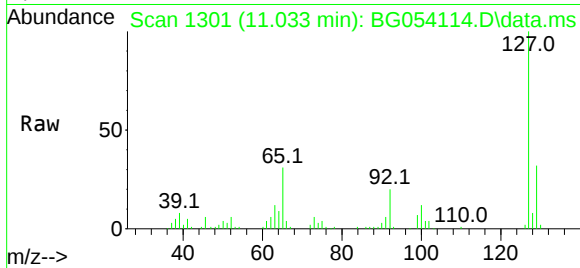
#33  
4-Chloroaniline  
Concen: 43.633 ng  
RT: 11.033 min Scan# 11033  
Delta R.T. 0.001 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

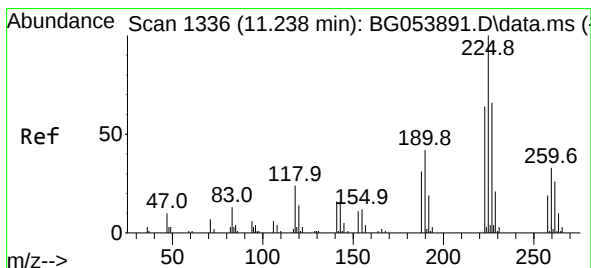
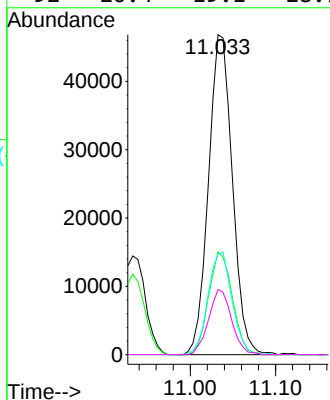
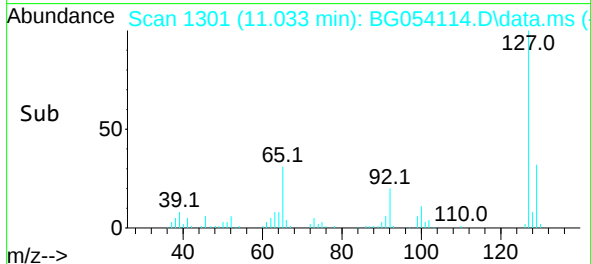


Tgt Ion:127 Resp: 9128  
Ion Ratio Lower Upper  
127 100  
129 32.1 26.3 39.5  
65 31.3 31.1 46.7  
92 20.4 19.1 28.7

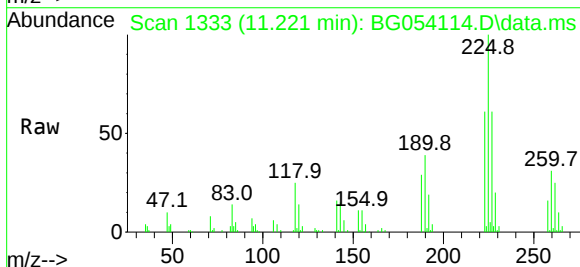
Manual Integrations

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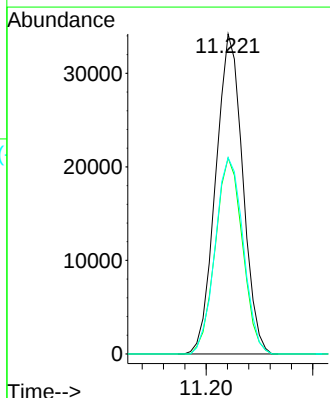
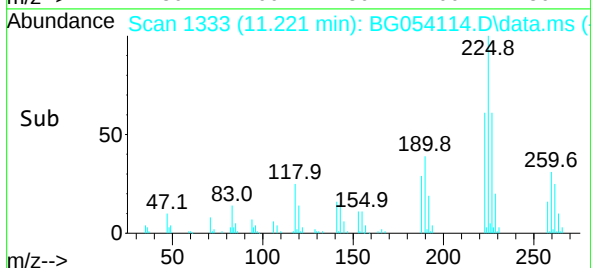
Reviewed By :Christian Giraldo 06/29/2022  
Supervised By :Jagrut Upadhyay 06/29/2022

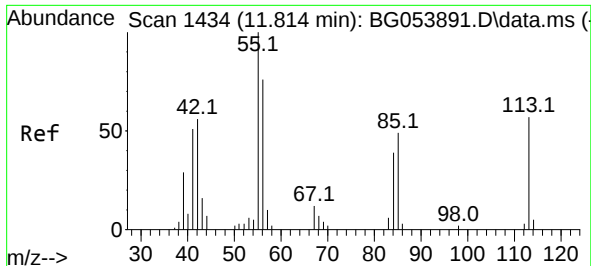


#34  
Hexachlorobutadiene  
Concen: 37.635 ng  
RT: 11.221 min Scan# 1333  
Delta R.T. 0.001 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09



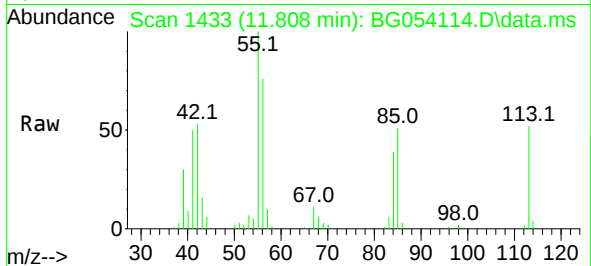
Tgt Ion:225 Resp: 60115  
Ion Ratio Lower Upper  
225 100  
223 64.4 48.9 73.3  
227 64.4 52.8 79.2





#35  
Caprolactam  
Concen: 47.771 ng  
RT: 11.808 min Scan# 1433  
Delta R.T. 0.019 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

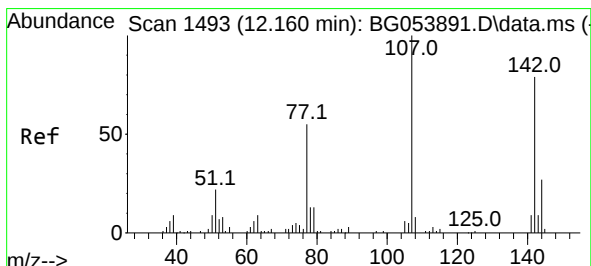
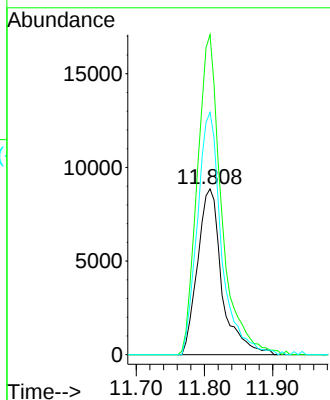
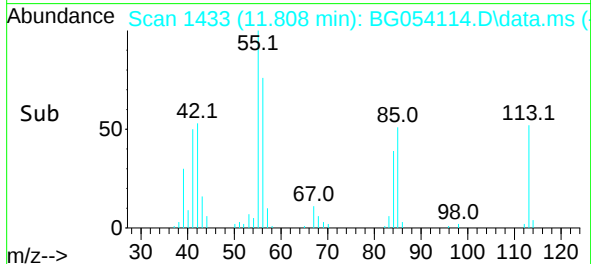
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



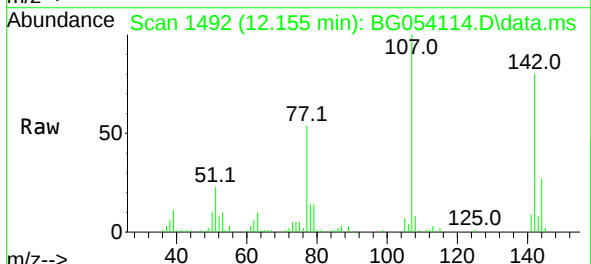
Tgt Ion:113 Resp: 22060  
Ion Ratio Lower Upper  
113 100  
55 193.1 169.8 209.8  
56 146.1 141.2 181.2

Manual Integrations  
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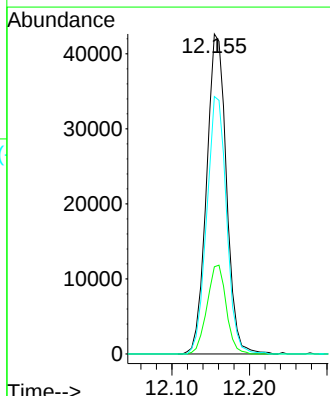
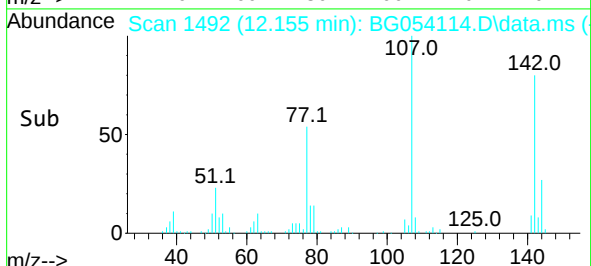
Reviewed By :Christian Giraldo 06/29/2022  
Supervised By :Jagrut Upadhyay 06/29/2022



#36  
4-Chloro-3-methylphenol  
Concen: 46.554 ng  
RT: 12.155 min Scan# 1492  
Delta R.T. 0.001 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09



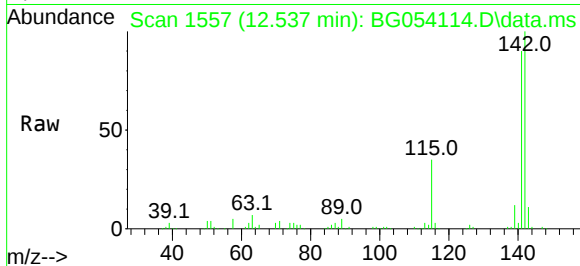
Tgt Ion:107 Resp: 75934  
Ion Ratio Lower Upper  
107 100  
144 27.3 18.5 27.7  
142 80.5 55.0 82.4





#37  
2-Methylnaphthalene  
Concen: 42.287 ng  
RT: 12.537 min Scan# 1557  
Delta R.T. 0.007 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

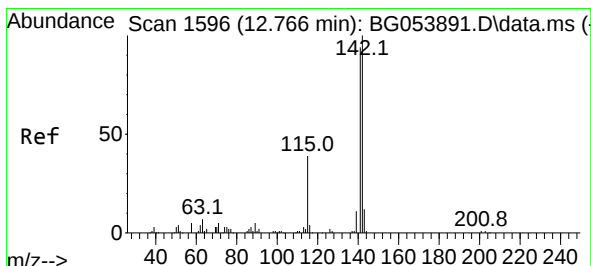
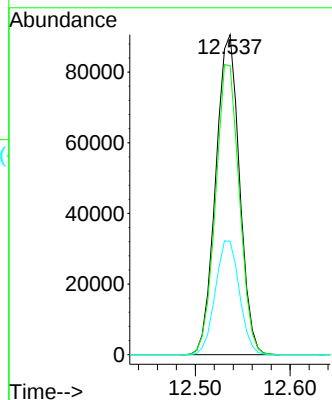
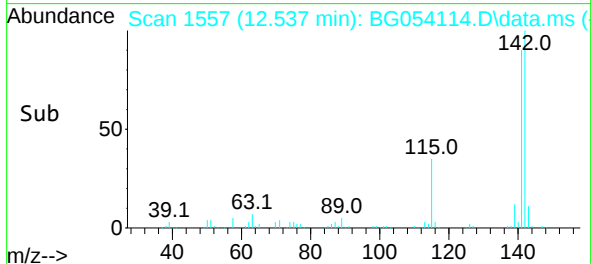
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



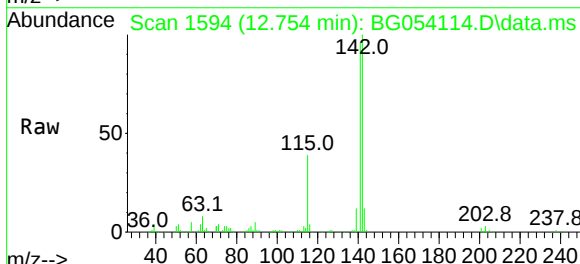
Tgt Ion:142 Resp: 157780  
Ion Ratio Lower Upper  
142 100  
141 90.3 72.3 108.5  
115 35.4 33.7 50.5

Manual Integrations  
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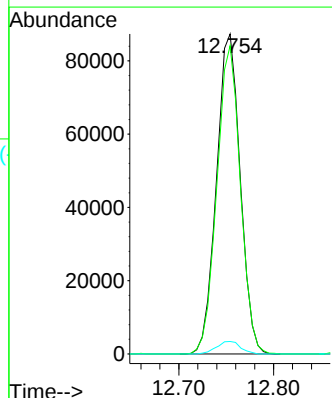
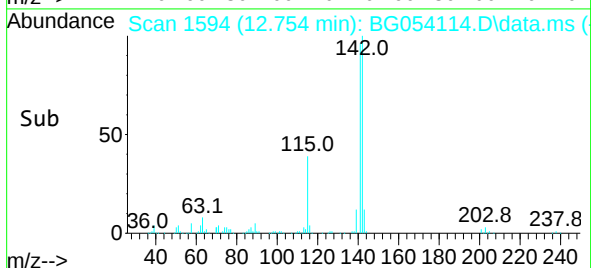
Reviewed By :Christian Giraldo 06/29/2022  
Supervised By :Jagrut Upadhyay 06/29/2022

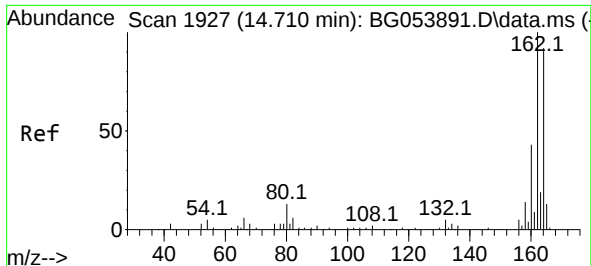


#38  
1-Methylnaphthalene  
Concen: 41.772 ng  
RT: 12.754 min Scan# 1594  
Delta R.T. 0.007 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09



Tgt Ion:142 Resp: 151758  
Ion Ratio Lower Upper  
142 100  
141 96.4 76.4 114.6  
116 3.9 3.3 4.9





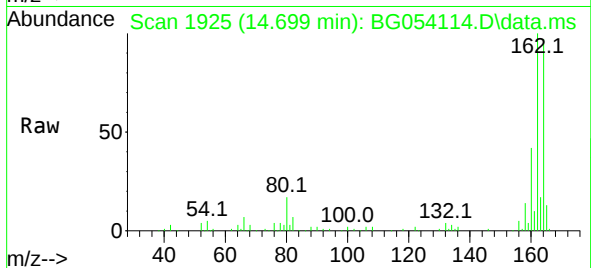
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.699 min Scan# 1619  
Delta R.T. 0.001 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

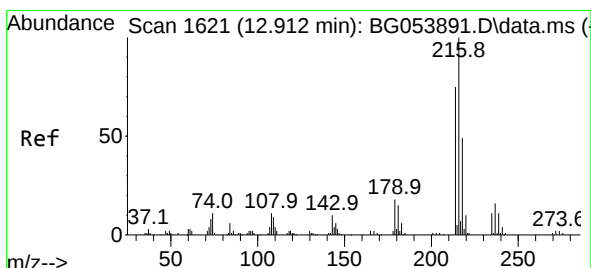
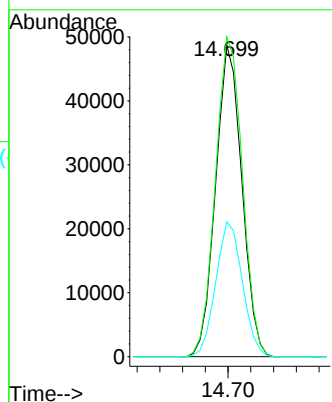
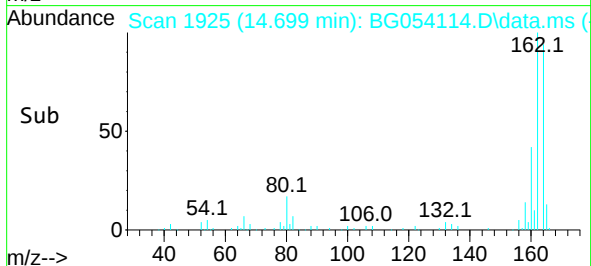


Tgt Ion:164 Resp: 77910  
Ion Ratio Lower Upper  
164 100  
162 102.7 82.3 123.5  
160 43.3 34.2 51.2

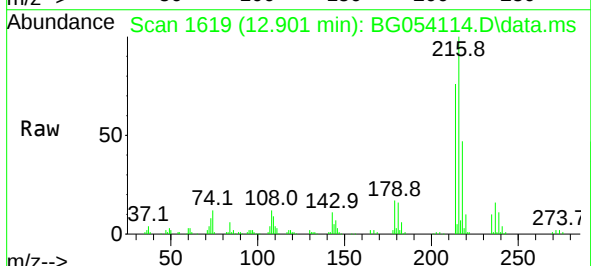
Manual Integrations

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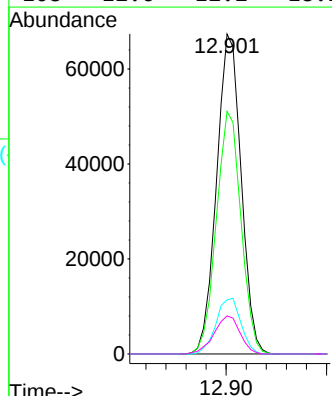
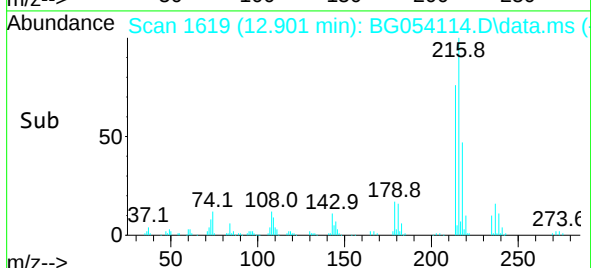
Reviewed By :Christian Giraldo 06/29/2022  
Supervised By :Jagrut Upadhyay 06/29/2022



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 38.042 ng  
RT: 12.901 min Scan# 1619  
Delta R.T. 0.001 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09



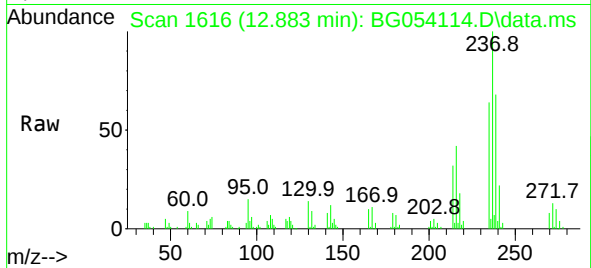
Tgt Ion:216 Resp: 114205  
Ion Ratio Lower Upper  
216 100  
214 76.1 62.9 94.3  
179 17.7 16.1 24.1  
108 12.6 12.2 18.2





#41  
Hexachlorocyclopentadiene  
Concen: 41.827 ng  
RT: 12.883 min Scan# 1616  
Delta R.T. 0.001 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

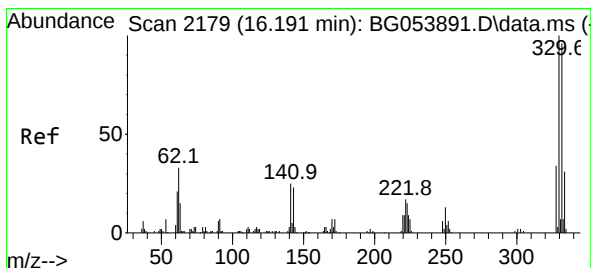
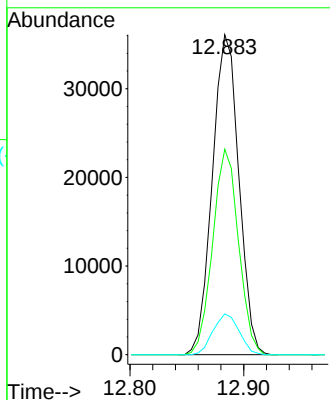
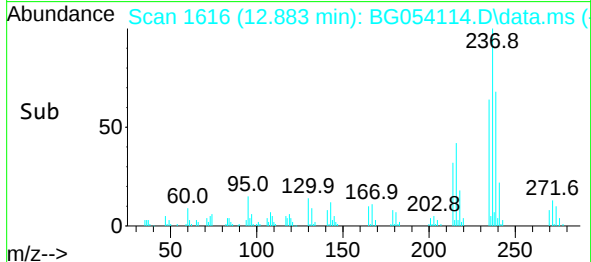
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



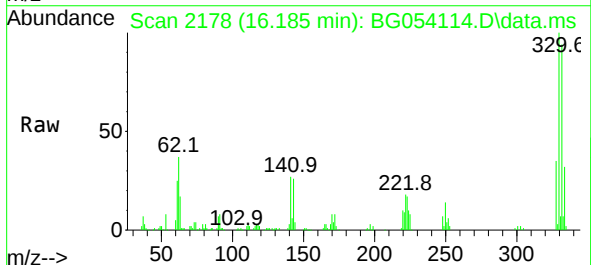
Tgt Ion:237 Resp: 58470  
Ion Ratio Lower Upper  
237 100  
235 64.2 43.5 83.5  
272 12.8 0.0 30.1

Manual Integrations  
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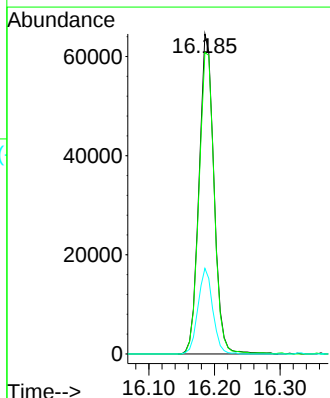
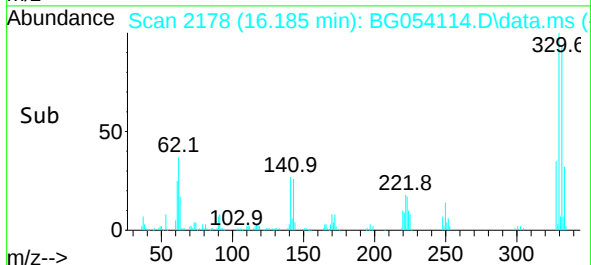
Reviewed By :Christian Giraldo 06/29/2022  
Supervised By :Jagrut Upadhyay 06/29/2022

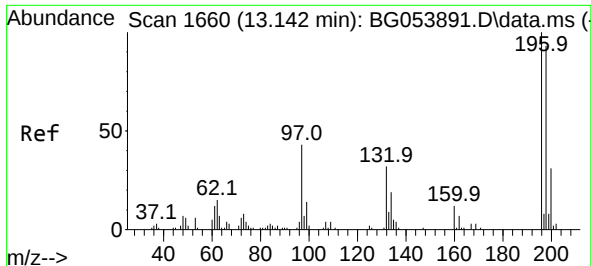


#42  
2,4,6-Tribromophenol  
Concen: 81.391 ng  
RT: 16.185 min Scan# 2178  
Delta R.T. 0.001 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09



Tgt Ion:330 Resp: 101882  
Ion Ratio Lower Upper  
330 100  
332 96.3 76.0 114.0  
141 26.4 27.1 40.7#





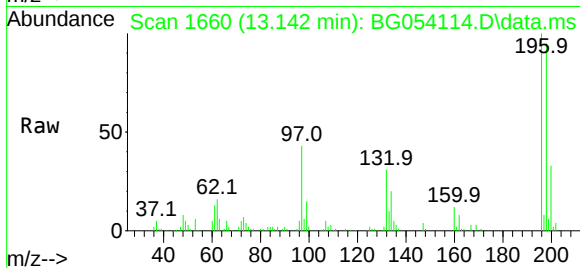
#43  
2,4,6-Trichlorophenol  
Concen: 42.804 ng  
RT: 13.142 min Scan# 1660  
Delta R.T. 0.007 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

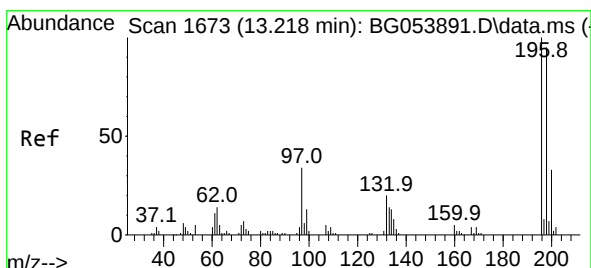
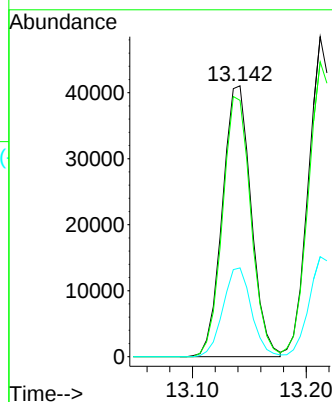


Tgt Ion:196 Resp: 7218  
Ion Ratio Lower Upper  
196 100  
198 94.6 74.1 111.1  
200 32.8 24.7 37.1

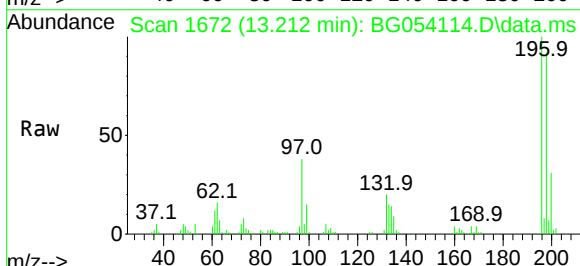
Manual Integrations

APPROVED

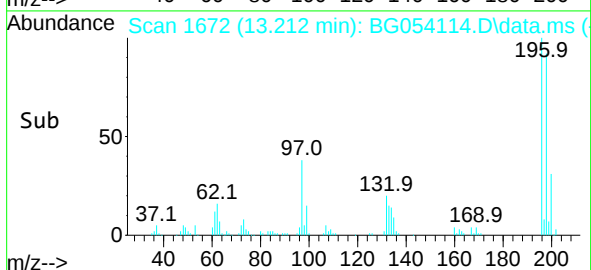
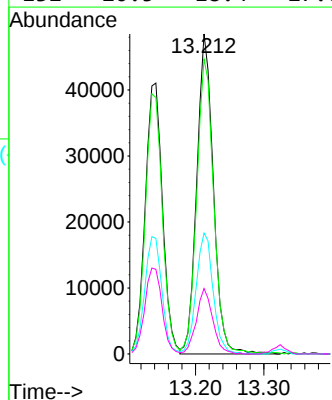
Reviewed By :Christian Giraldo 06/29/2022  
Supervised By :Jagrut Upadhyay 06/29/2022

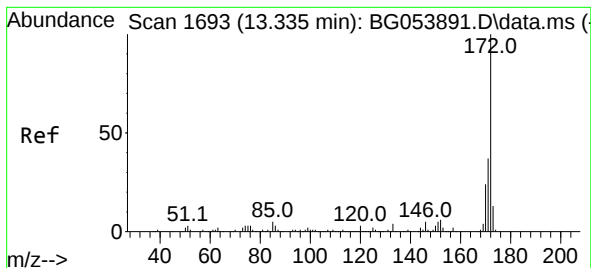


#44  
2,4,5-Trichlorophenol  
Concen: 43.376 ng  
RT: 13.212 min Scan# 1672  
Delta R.T. 0.007 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09



Tgt Ion:196 Resp: 81672  
Ion Ratio Lower Upper  
196 100  
198 92.1 76.8 115.2  
97 37.8 39.8 59.6#  
132 20.5 18.4 27.6





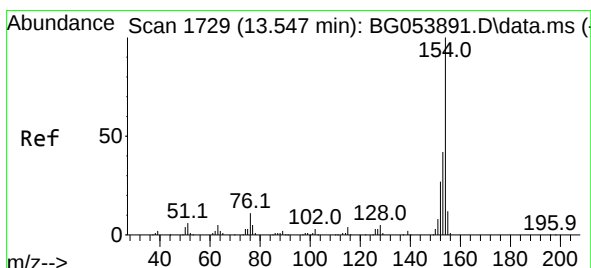
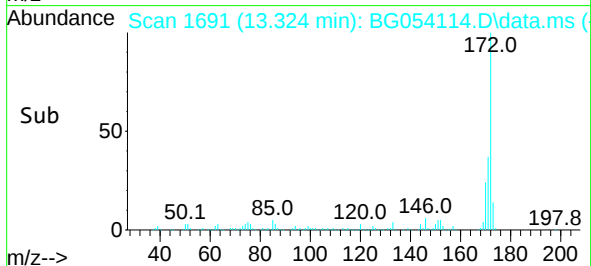
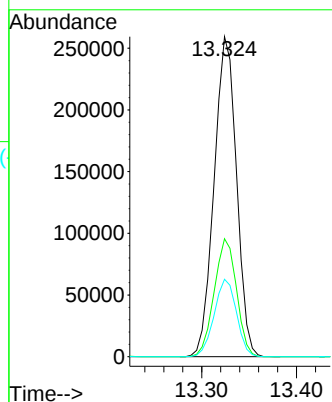
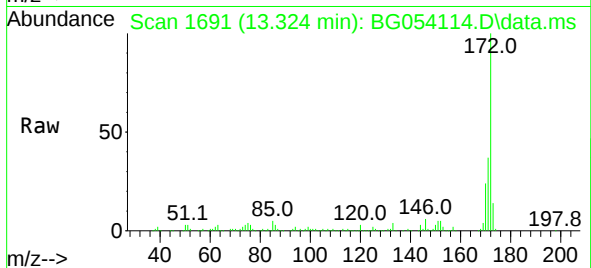
#45  
2-Fluorobiphenyl  
Concen: 79.444 ng  
RT: 13.324 min Scan# 1  
Delta R.T. 0.001 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:172 Resp: 42564  
Ion Ratio Lower Upper  
172 100  
171 36.9 28.5 42.7  
170 24.2 18.9 28.3

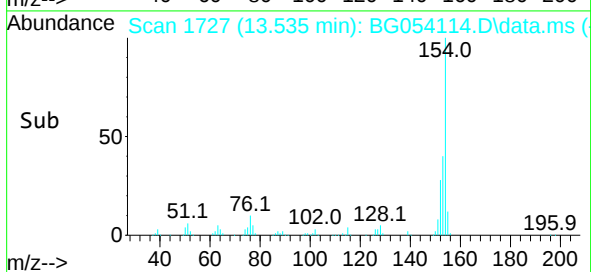
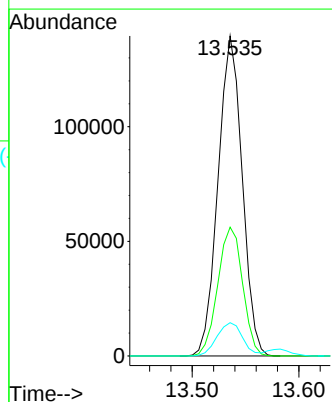
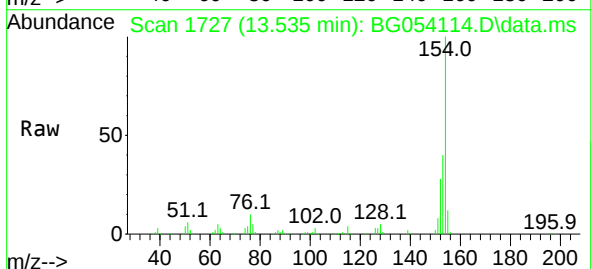
Manual Integrations  
APPROVED

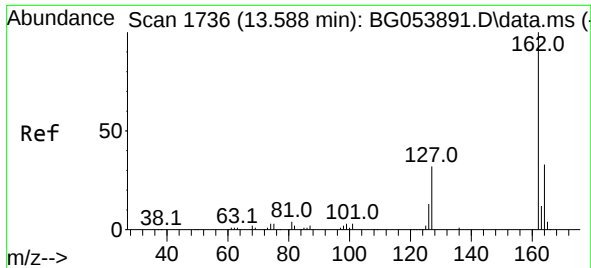
Reviewed By :Christian Giraldo 06/29/2022  
Supervised By :Jagrut Upadhyay 06/29/2022



#46  
1,1'-Biphenyl  
Concen: 40.419 ng  
RT: 13.535 min Scan# 1727  
Delta R.T. 0.001 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

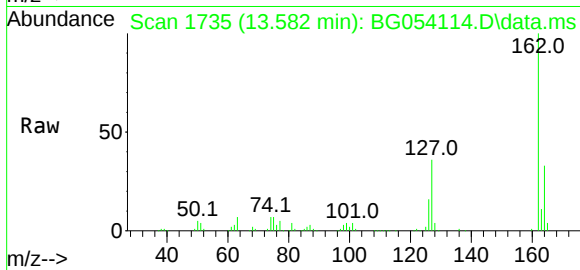
Tgt Ion:154 Resp: 219350  
Ion Ratio Lower Upper  
154 100  
153 40.2 21.6 61.6  
76 10.4 0.0 32.6





#47  
2-Chloronaphthalene  
Concen: 40.561 ng  
RT: 13.582 min Scan# 1735  
Delta R.T. 0.007 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

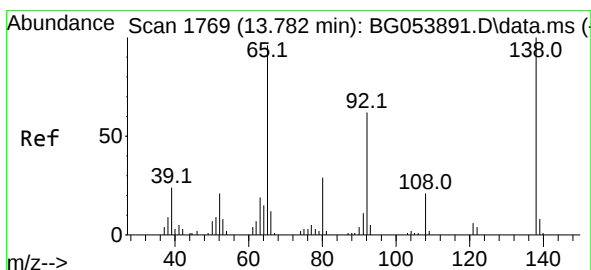
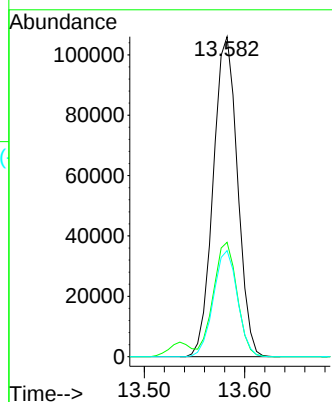
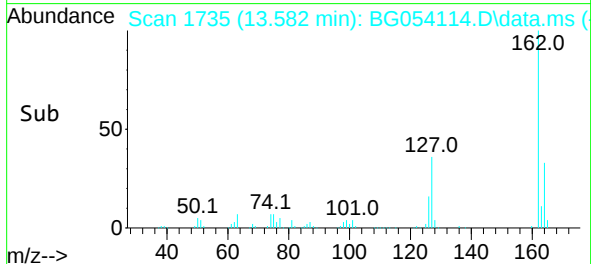
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



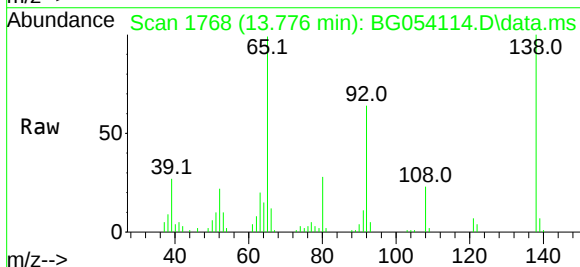
Tgt Ion:162 Resp: 178140  
Ion Ratio Lower Upper  
162 100  
127 35.8 30.6 45.8  
164 33.2 26.5 39.7

Manual Integrations  
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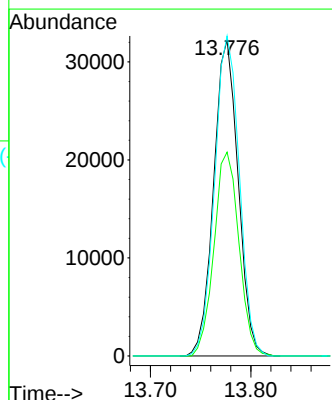
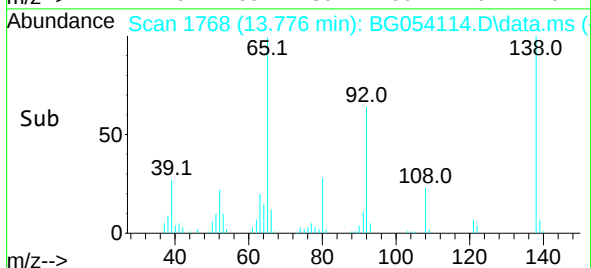
Reviewed By :Christian Giraldo 06/29/2022  
Supervised By :Jagrut Upadhyay 06/29/2022



#48  
2-Nitroaniline  
Concen: 46.728 ng  
RT: 13.776 min Scan# 1768  
Delta R.T. 0.007 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09



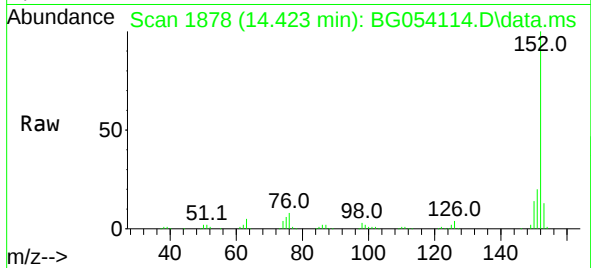
Tgt Ion: 65 Resp: 54592  
Ion Ratio Lower Upper  
65 100  
92 64.5 51.5 77.3  
138 101.2 71.3 106.9





#49  
Acenaphthylene  
Concen: 41.192 ng  
RT: 14.423 min Scan# 1878  
Delta R.T. 0.001 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

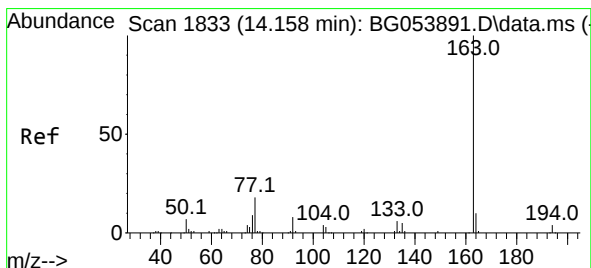
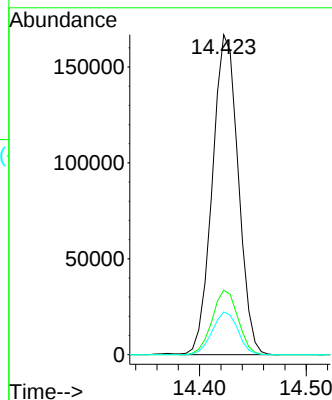
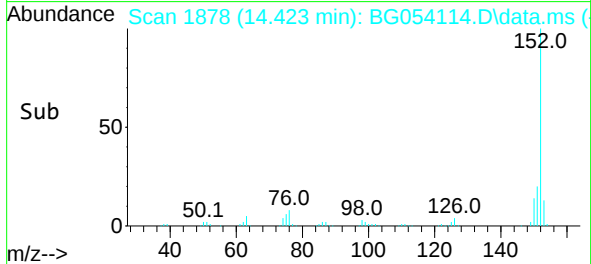
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



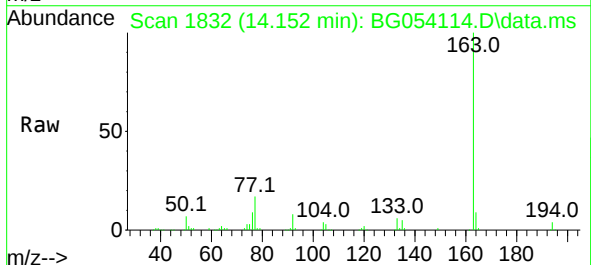
Tgt Ion:152 Resp: 281310  
Ion Ratio Lower Upper  
152 100  
151 20.2 16.4 24.6  
153 13.4 10.8 16.2

Manual Integrations  
APPROVED

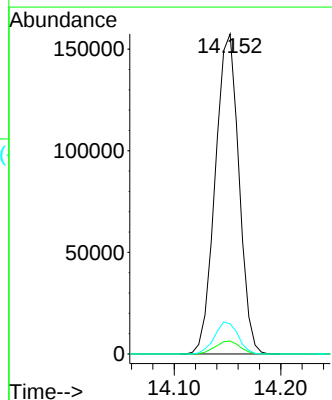
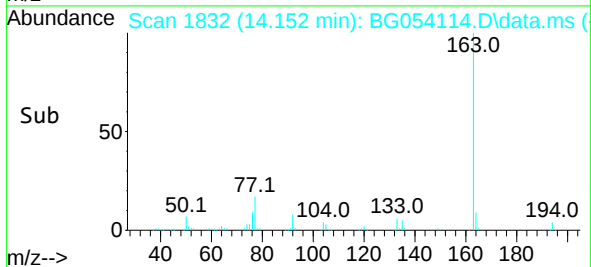
Reviewed By :Christian Giraldo 06/29/2022  
Supervised By :Jagrut Upadhyay 06/29/2022

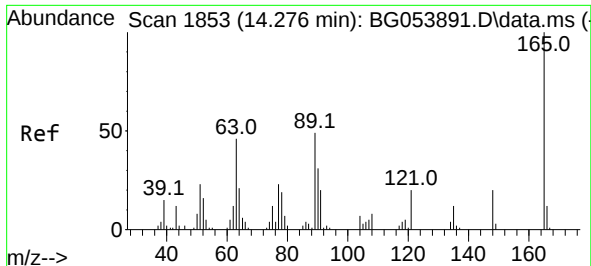


#50  
Dimethylphthalate  
Concen: 40.850 ng  
RT: 14.152 min Scan# 1832  
Delta R.T. 0.007 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09



Tgt Ion:163 Resp: 242382  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.0 4.6  
164 9.4 8.0 12.0





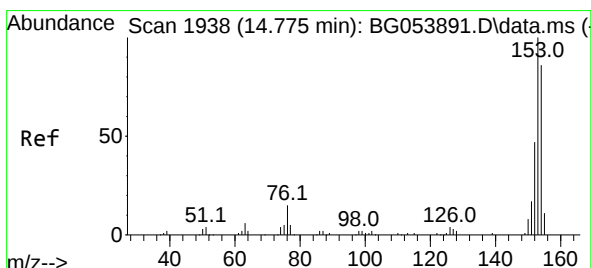
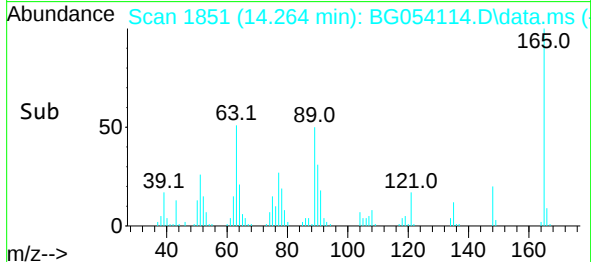
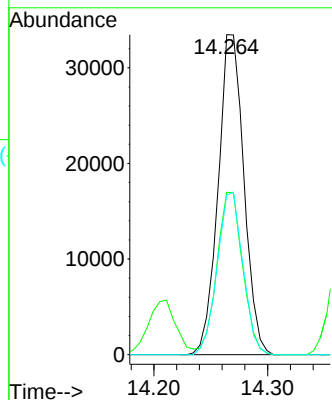
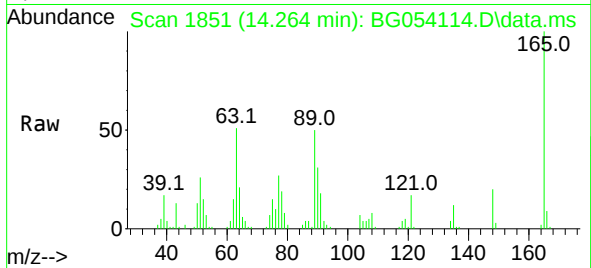
#51  
2,6-Dinitrotoluene  
Concen: 43.974 ng  
RT: 14.264 min Scan# 1851  
Delta R.T. 0.001 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:165 Resp: 5271  
Ion Ratio Lower Upper  
165 100  
63 50.7 54.1 81.1  
89 49.9 54.8 82.2

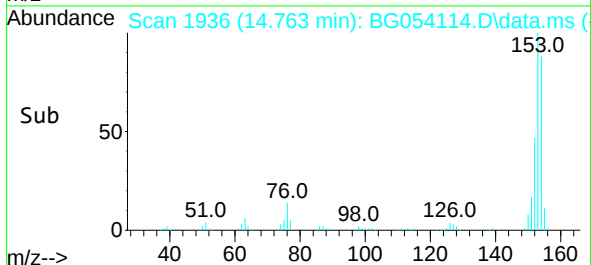
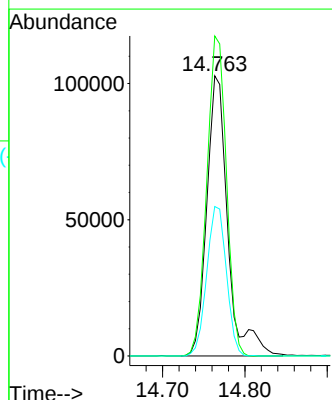
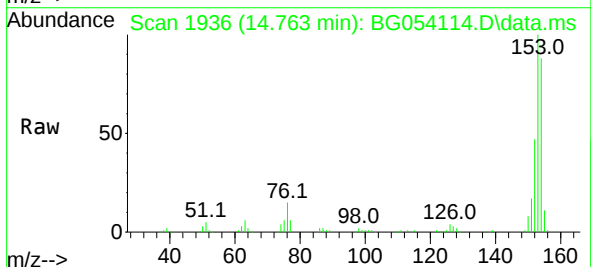
Manual Integrations  
APPROVED

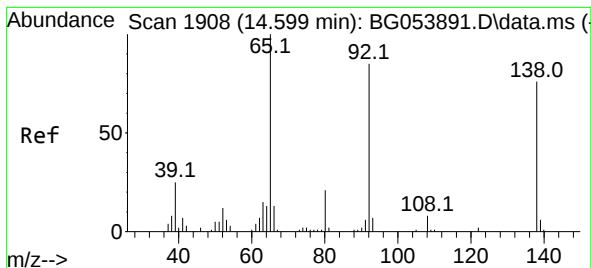
Reviewed By :Christian Giraldo 06/29/2022  
Supervised By :Jagrut Upadhyay 06/29/2022



#52  
Acenaphthene  
Concen: 41.727 ng m  
RT: 14.763 min Scan# 1936  
Delta R.T. 0.001 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

Tgt Ion:154 Resp: 181647  
Ion Ratio Lower Upper  
154 100  
153 114.2 92.7 139.1  
152 53.3 42.6 64.0





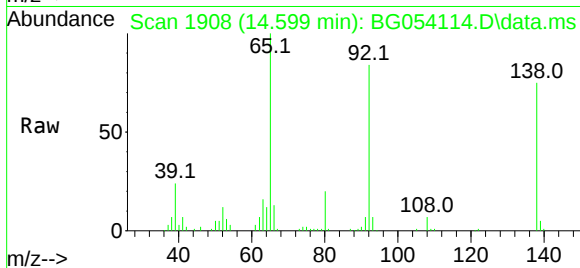
#53  
3-Nitroaniline  
Concen: 44.358 ng  
RT: 14.599 min Scan# 1908  
Delta R.T. 0.007 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

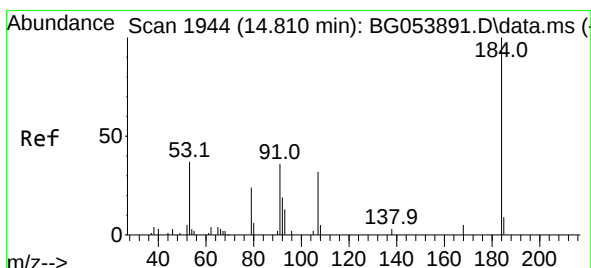
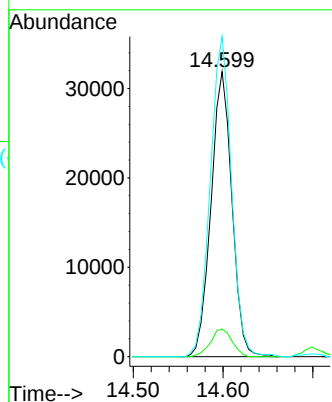
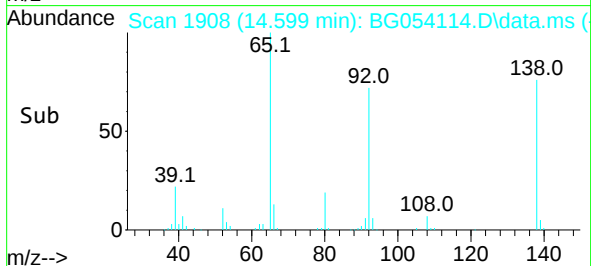


Tgt Ion:138 Resp: 51519  
Ion Ratio Lower Upper  
138 100  
108 9.7 9.2 13.8  
92 112.3 101.9 152.9

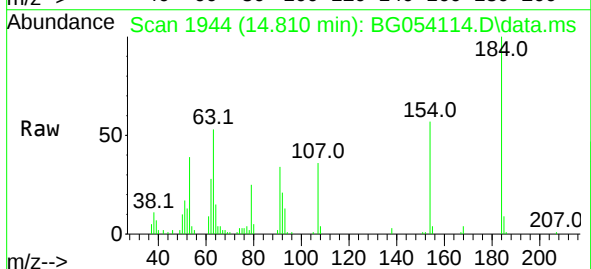
Manual Integrations

APPROVED

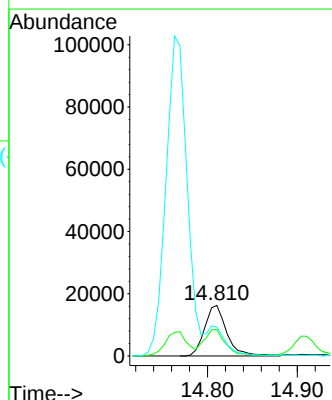
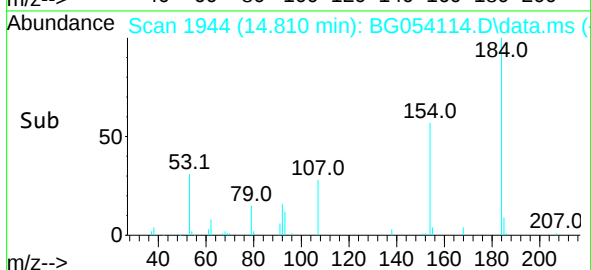
Reviewed By :Christian Giraldo 06/29/2022  
Supervised By :Jagrut Upadhyay 06/29/2022

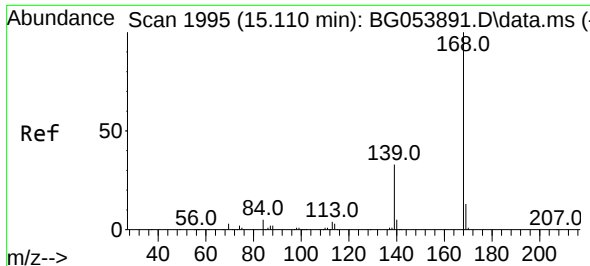


#54  
2,4-Dinitrophenol  
Concen: 45.293 ng  
RT: 14.810 min Scan# 1944  
Delta R.T. 0.007 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09



Tgt Ion:184 Resp: 27742  
Ion Ratio Lower Upper  
184 100  
63 52.7 61.1 91.7#  
154 57.3 60.6 91.0#





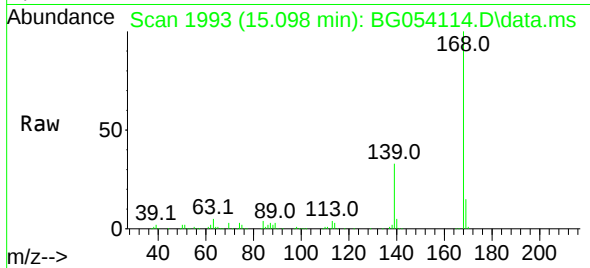
#55  
Dibenzenofuran  
Concen: 40.977 ng  
RT: 15.098 min Scan# 1995  
Delta R.T. 0.007 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

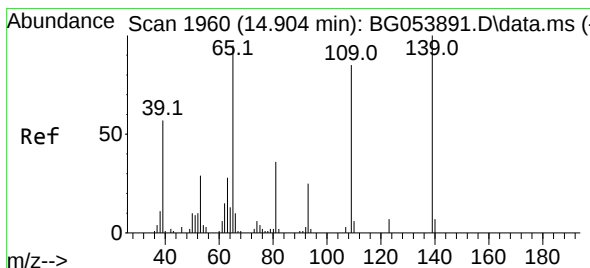
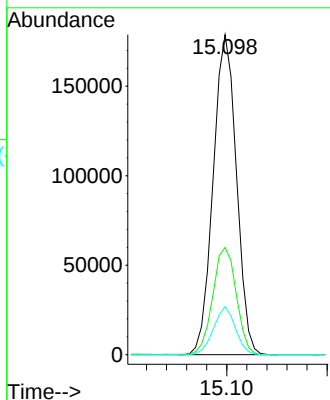
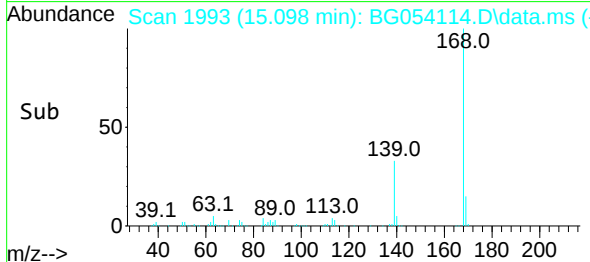


Tgt Ion:168 Resp: 287409  
Ion Ratio Lower Upper  
168 100  
139 33.5 30.5 45.7  
169 15.0 10.3 15.5

Manual Integrations

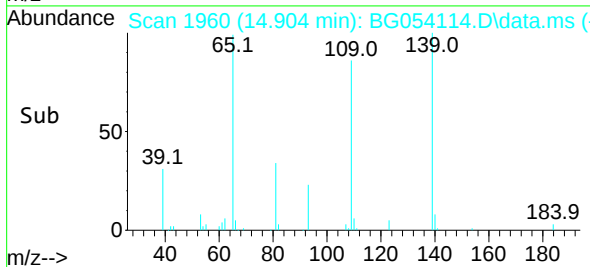
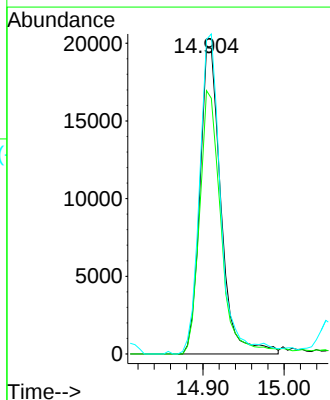
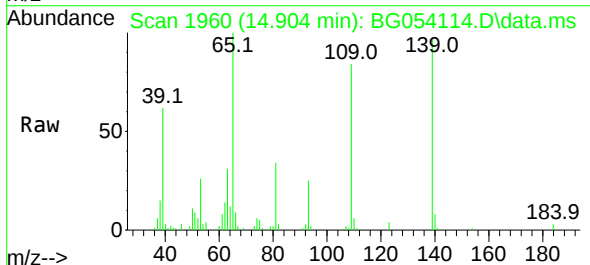
APPROVED

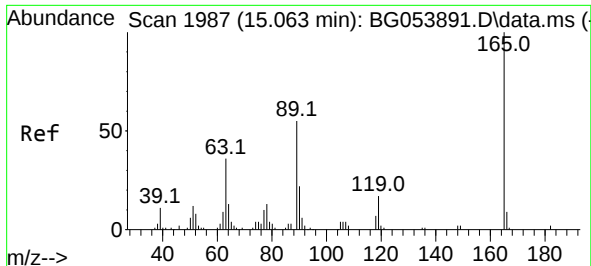
Reviewed By :Christian Giraldo 06/29/2022  
Supervised By :Jagrut Upadhyay 06/29/2022



#56  
4-Nitrophenol  
Concen: 43.133 ng  
RT: 14.904 min Scan# 1960  
Delta R.T. 0.007 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

Tgt Ion:139 Resp: 35566  
Ion Ratio Lower Upper  
139 100  
109 86.0 88.5 128.5#  
65 102.7 93.9 133.9





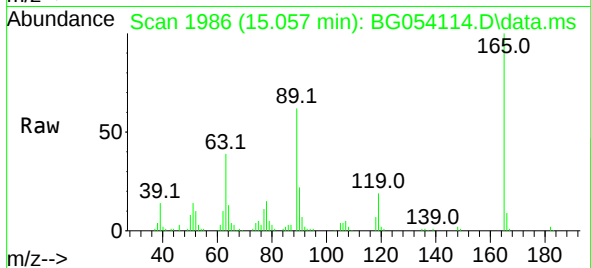
#57  
2,4-Dinitrotoluene  
Concen: 44.834 ng  
RT: 15.057 min Scan# 1987  
Delta R.T. 0.007 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

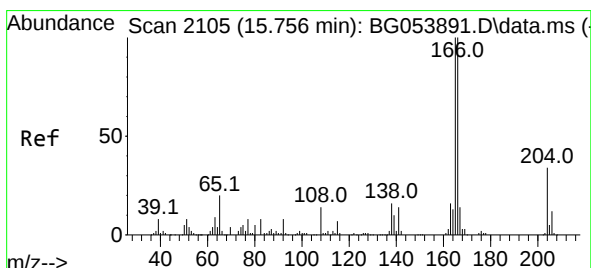
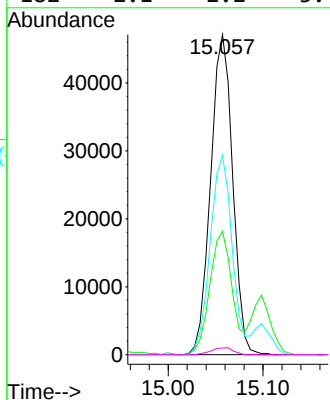
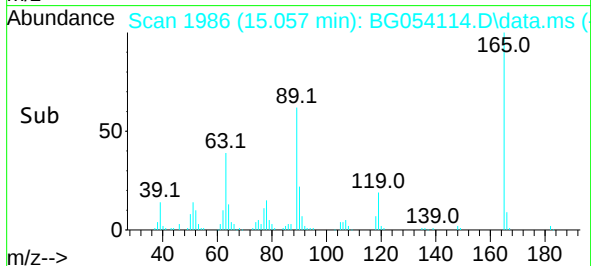


Tgt Ion:165 Resp: 7590  
Ion Ratio Lower Upper  
165 100  
63 38.6 34.6 52.0  
89 62.3 60.3 90.5  
182 2.1 2.2 3.4#

Manual Integrations

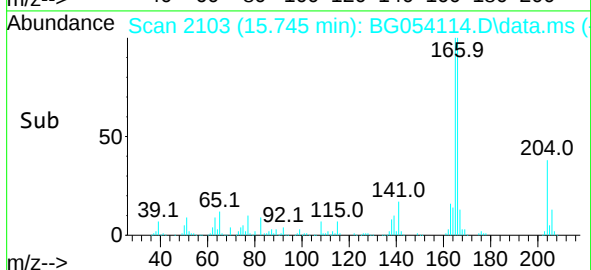
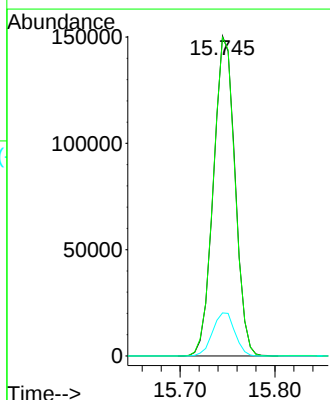
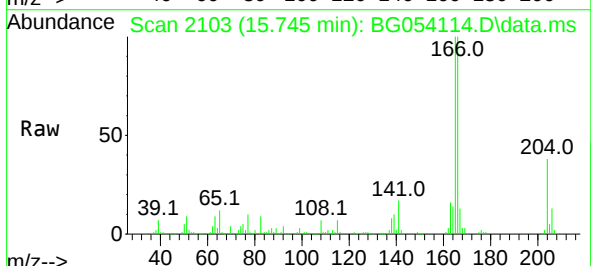
APPROVED

Reviewed By :Christian Giraldo 06/29/2022  
Supervised By :Jagrut Upadhyay 06/29/2022



#58  
Fluorene  
Concen: 41.211 ng  
RT: 15.745 min Scan# 2103  
Delta R.T. 0.001 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

Tgt Ion:166 Resp: 237328  
Ion Ratio Lower Upper  
166 100  
165 99.5 75.0 112.6  
167 13.5 10.8 16.2





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.225 ng  
RT: 15.322 min Scan# 2032  
Delta R.T. 0.001 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

Instrument :

BNA\_G

ClientSampleId :

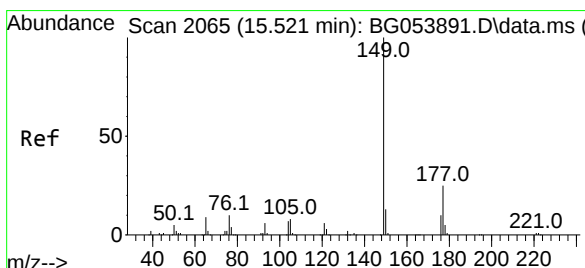
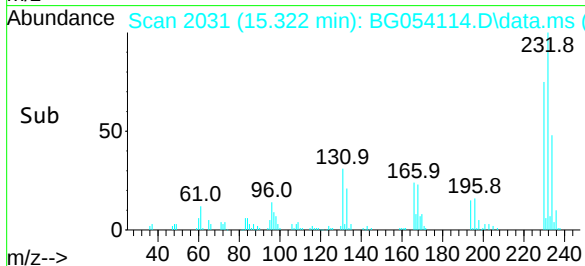
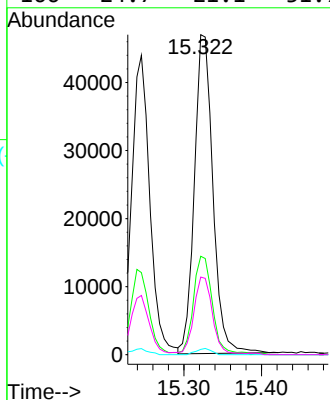
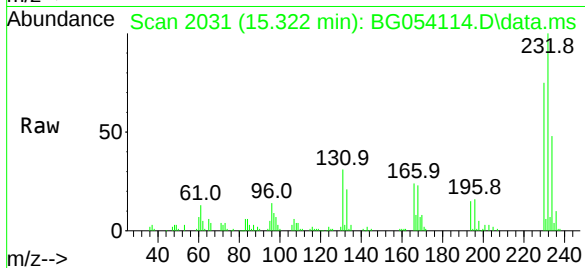
SSTDCCC040

Tgt Ion:232 Resp: 7775  
Ion Ratio Lower Upper  
232 100  
131 31.5 30.6 46.0  
130 1.6 1.8 2.8  
166 24.7 21.1 31.7

Manual Integrations

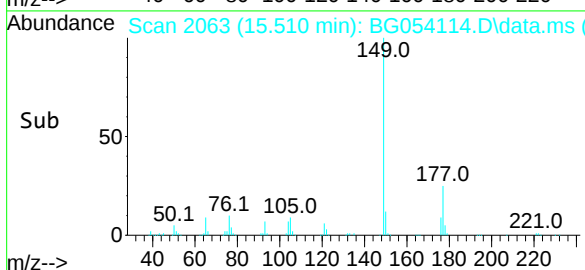
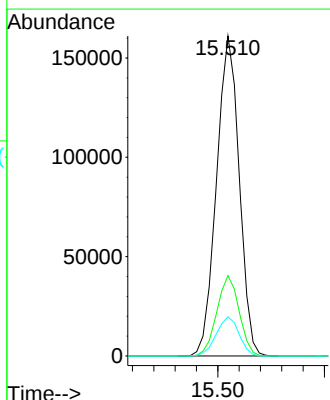
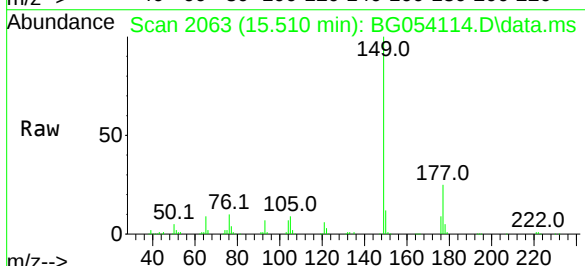
APPROVED

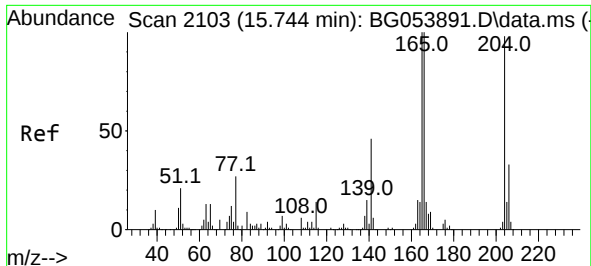
Reviewed By :Christian Giraldo 06/29/2022  
Supervised By :Jagrut Upadhyay 06/29/2022



#60  
Diethylphthalate  
Concen: 41.344 ng  
RT: 15.510 min Scan# 2063  
Delta R.T. 0.001 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

Tgt Ion:149 Resp: 237568  
Ion Ratio Lower Upper  
149 100  
177 25.1 18.4 27.6  
150 12.2 11.2 16.8





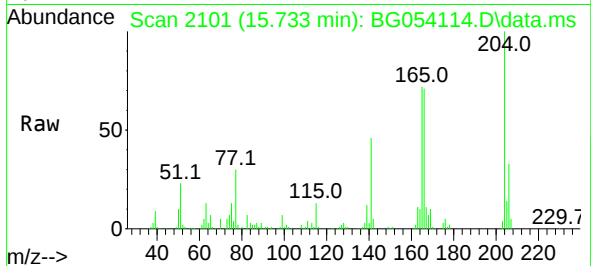
#61  
4-Chlorophenyl-phenylether  
Concen: 39.594 ng  
RT: 15.733 min Scan# 2101  
Delta R.T. 0.001 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

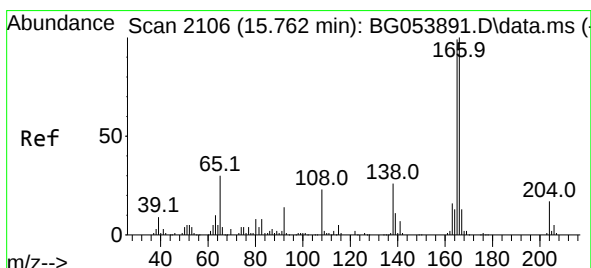
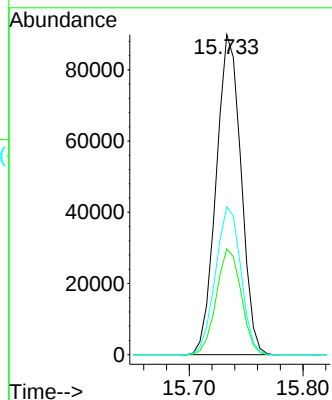
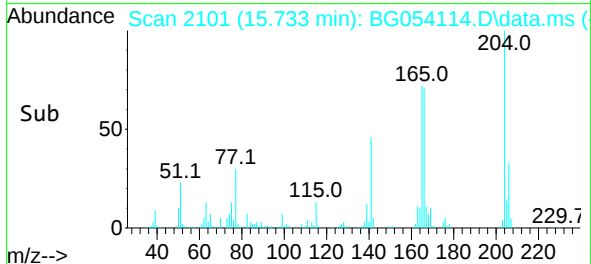


Tgt Ion:204 Resp: 13650  
Ion Ratio Lower Upper  
204 100  
206 33.1 27.5 41.3  
141 46.2 45.3 67.9

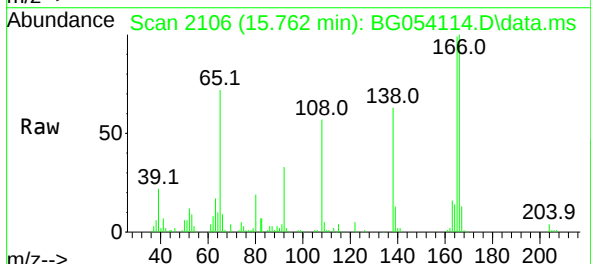
Manual Integrations

APPROVED

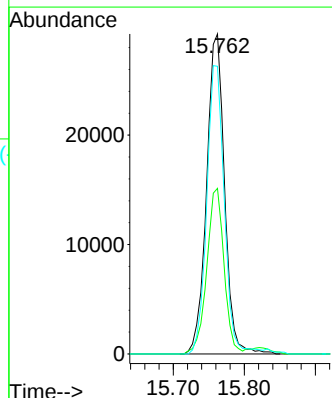
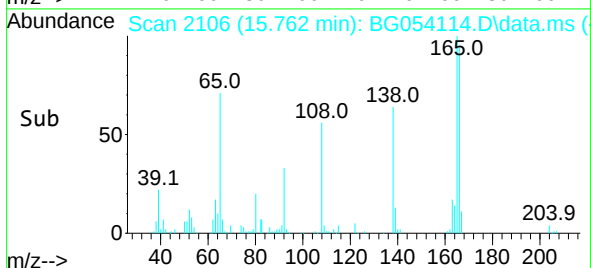
Reviewed By :Christian Giraldo 06/29/2022  
Supervised By :Jagrut Upadhyay 06/29/2022

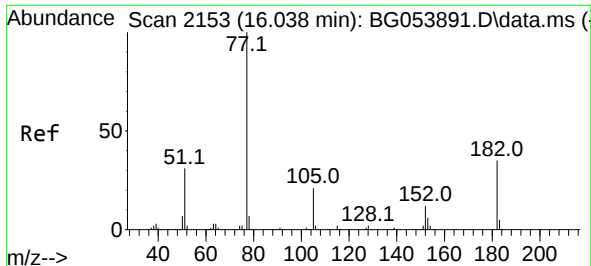


#62  
4-Nitroaniline  
Concen: 42.569 ng  
RT: 15.762 min Scan# 2106  
Delta R.T. 0.007 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09



Tgt Ion:138 Resp: 51560  
Ion Ratio Lower Upper  
138 100  
92 51.7 40.5 80.5  
108 89.9 103.7 143.7#





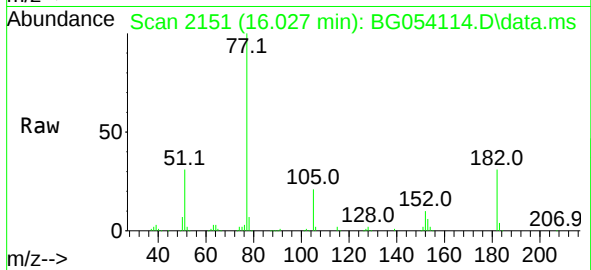
#63  
Azobenzene  
Concen: 43.585 ng  
RT: 16.027 min Scan# 2153  
Delta R.T. 0.001 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

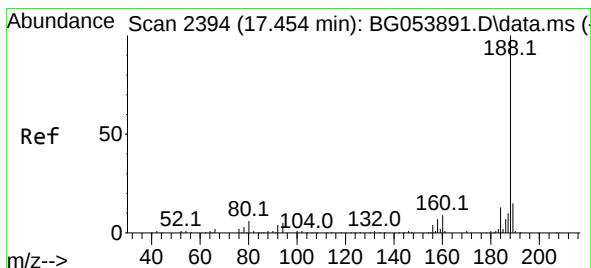
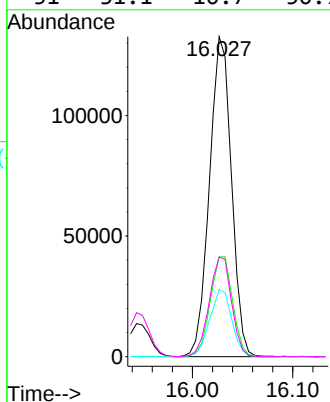
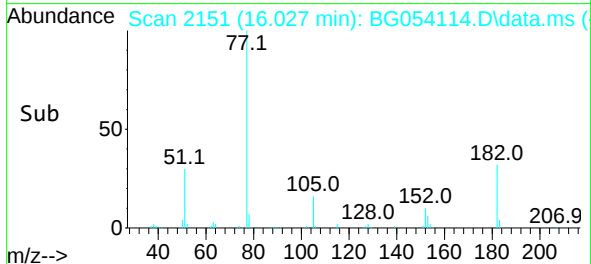


Tgt Ion: 77 Resp: 201598  
Ion Ratio Lower Upper  
77 100  
182 31.2 3.8 43.8  
105 20.9 0.0 37.8  
51 31.1 10.7 50.7

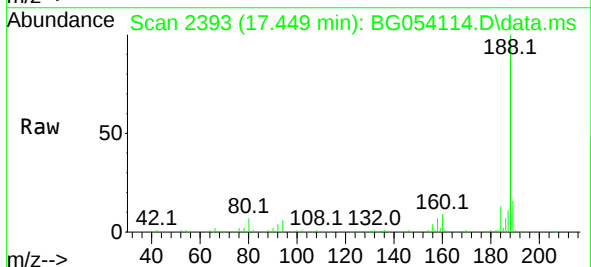
Manual Integrations

APPROVED

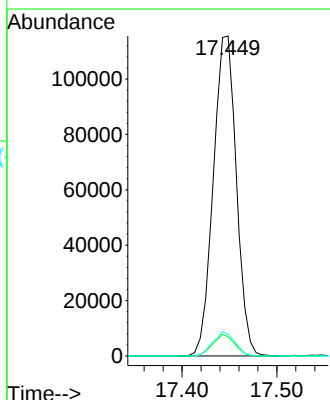
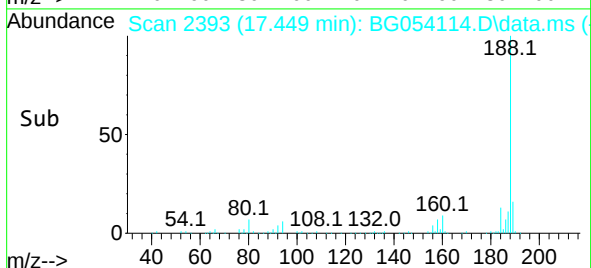
Reviewed By :Christian Giraldo 06/29/2022  
Supervised By :Jagrut Upadhyay 06/29/2022



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.449 min Scan# 2393  
Delta R.T. 0.007 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09



Tgt Ion:188 Resp: 195250  
Ion Ratio Lower Upper  
188 100  
94 6.0 5.4 8.0  
80 6.8 6.8 10.2#





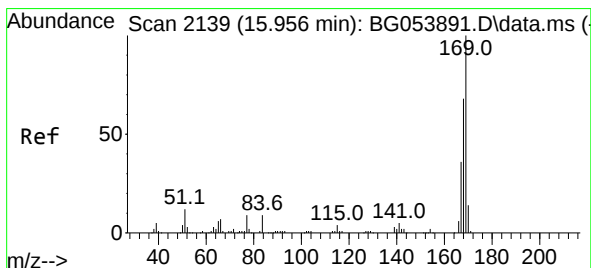
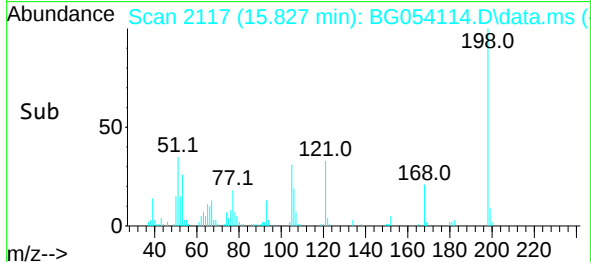
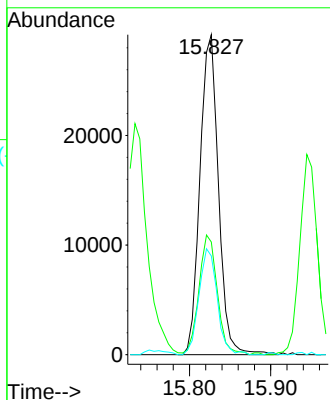
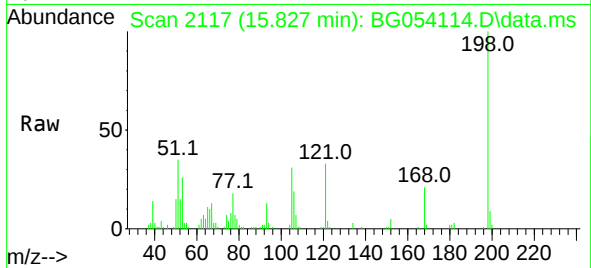
#65  
4,6-Dinitro-2-methylphenol  
Concen: 47.321 ng  
RT: 15.827 min Scan# 2117  
Delta R.T. 0.013 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:198 Resp: 46090  
Ion Ratio Lower Upper  
198 100  
51 35.2 28.1 68.1  
105 30.9 20.3 60.3

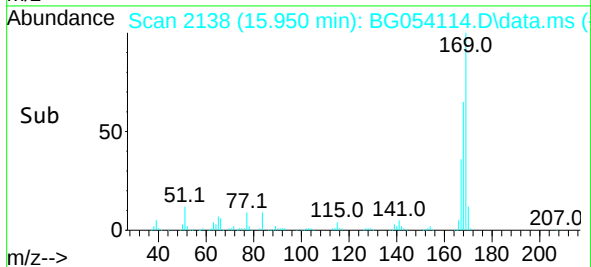
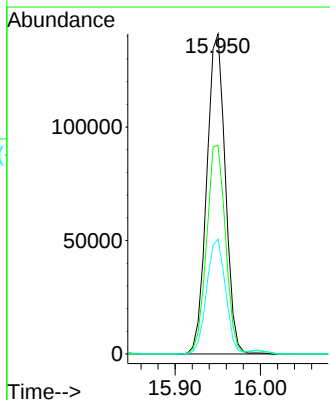
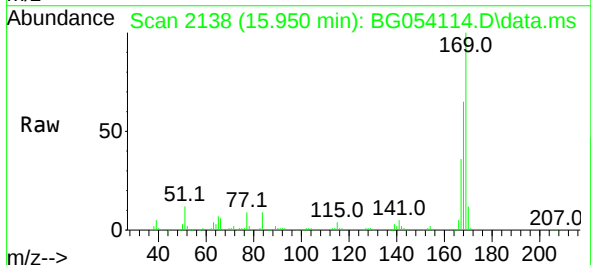
Manual Integrations  
APPROVED

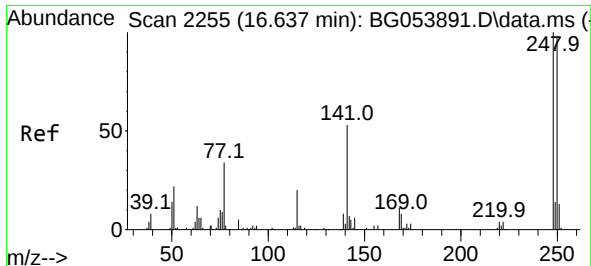
Reviewed By :Christian Giraldo 06/29/2022  
Supervised By :Jagrut Upadhyay 06/29/2022



#66  
n-Nitrosodiphenylamine  
Concen: 41.778 ng  
RT: 15.950 min Scan# 2138  
Delta R.T. 0.007 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

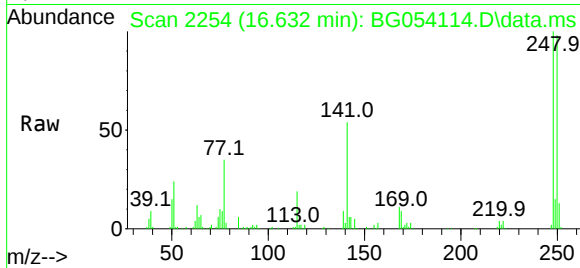
Tgt Ion:169 Resp: 212593  
Ion Ratio Lower Upper  
169 100  
168 65.2 55.9 83.9  
167 35.8 30.6 46.0





#67  
4-Bromophenyl-phenylether  
Concen: 40.714 ng  
RT: 16.632 min Scan# 21  
Delta R.T. 0.007 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

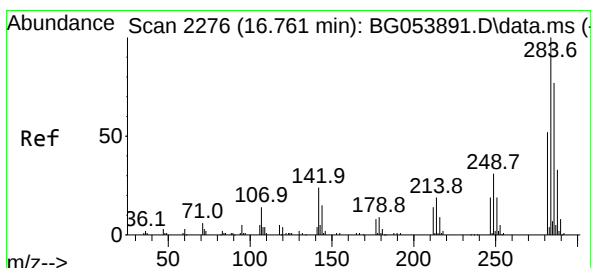
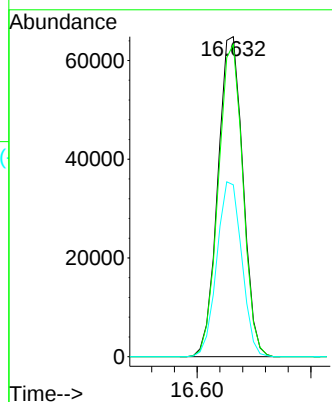
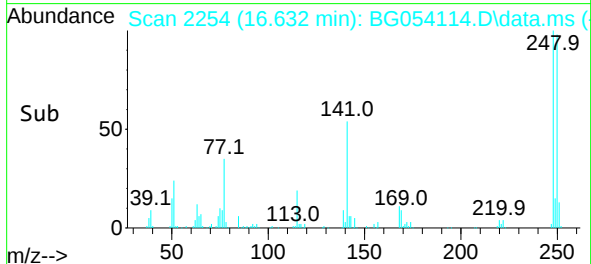
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



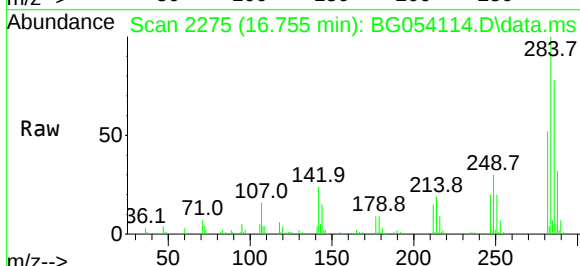
Tgt Ion:248 Resp: 99284  
Ion Ratio Lower Upper  
248 100  
250 97.5 75.2 112.8  
141 53.7 50.0 75.0

Manual Integrations  
APPROVED

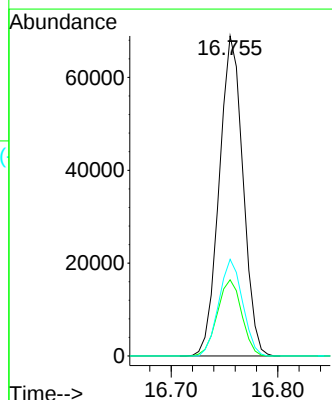
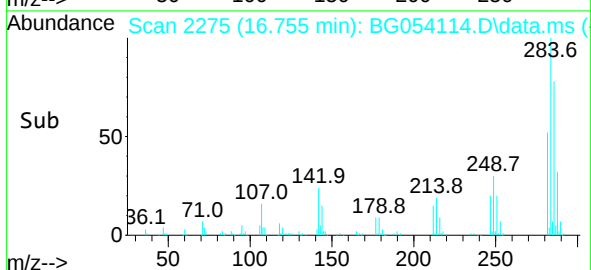
Reviewed By :Christian Giraldo 06/29/2022  
Supervised By :Jagrut Upadhyay 06/29/2022

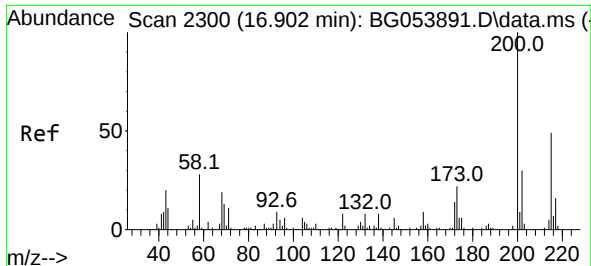


#68  
Hexachlorobenzene  
Concen: 38.195 ng  
RT: 16.755 min Scan# 2275  
Delta R.T. 0.001 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09



Tgt Ion:284 Resp: 106543  
Ion Ratio Lower Upper  
284 100  
142 23.8 23.6 35.4  
249 30.2 25.8 38.6





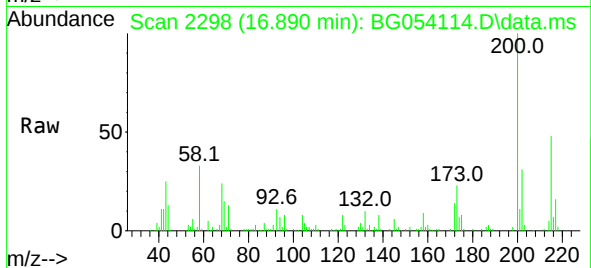
#69  
 Atrazine  
 Concen: 40.559 ng  
 RT: 16.890 min Scan# 21  
 Delta R.T. 0.001 min  
 Lab File: BG054114.D  
 Acq: 28 Jun 2022 11:09

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

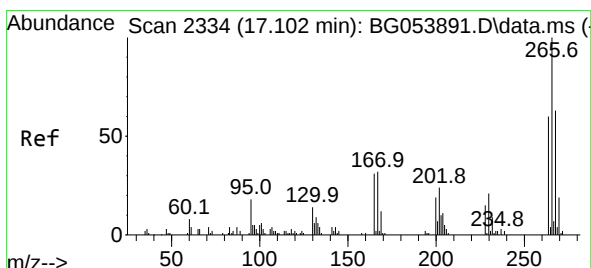
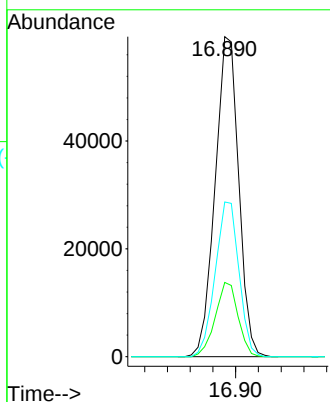
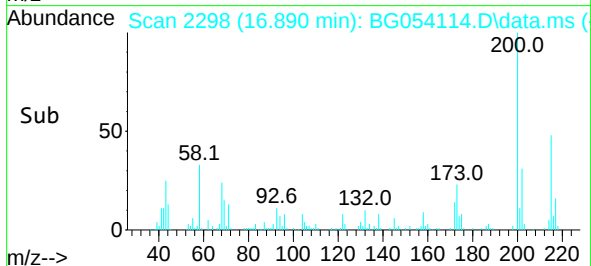


Tgt Ion:200 Resp: 8549  
 Ion Ratio Lower Upper  
 200 100  
 173 23.2 3.7 43.7  
 215 48.3 25.2 65.2

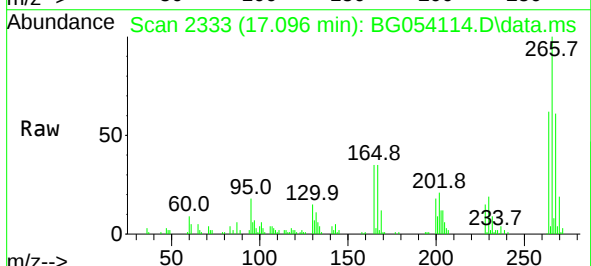
Manual Integrations

APPROVED

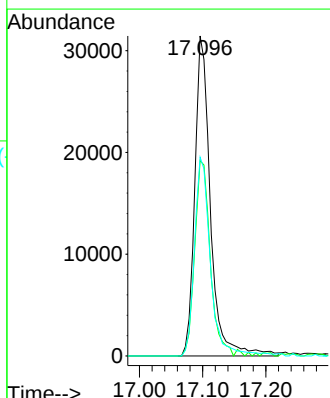
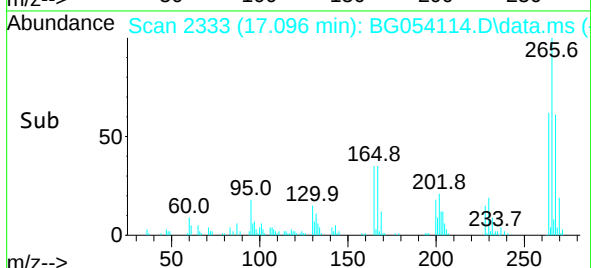
Reviewed By :Christian Giraldo 06/29/2022  
 Supervised By :Jagrut Upadhyay 06/29/2022

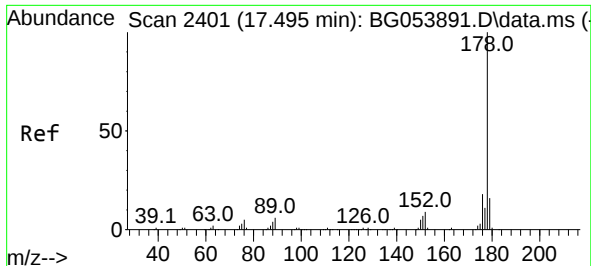


#70  
 Pentachlorophenol  
 Concen: 41.708 ng  
 RT: 17.096 min Scan# 2333  
 Delta R.T. 0.001 min  
 Lab File: BG054114.D  
 Acq: 28 Jun 2022 11:09



Tgt Ion:266 Resp: 54044  
 Ion Ratio Lower Upper  
 266 100  
 268 65.2 56.2 84.2  
 264 62.1 53.0 79.4





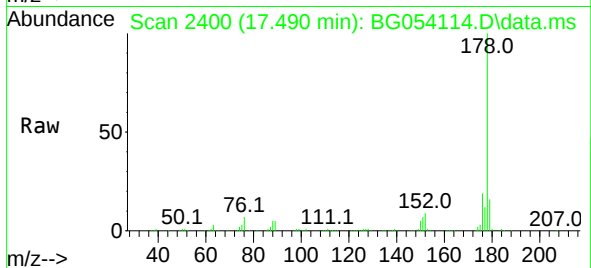
#71  
Phenanthrene  
Concen: 40.041 ng  
RT: 17.490 min Scan# 2401  
Delta R.T. 0.007 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

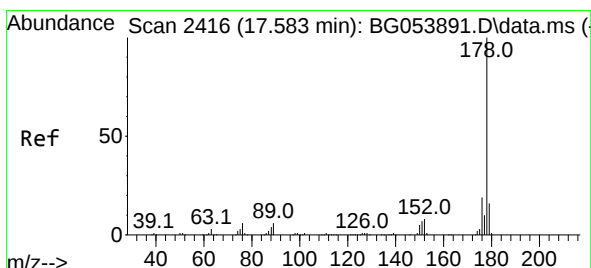
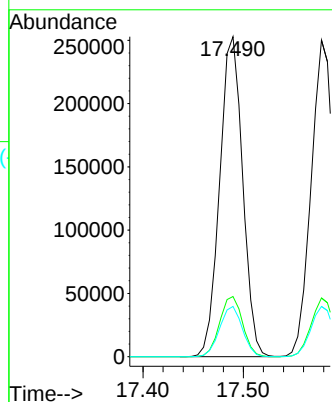
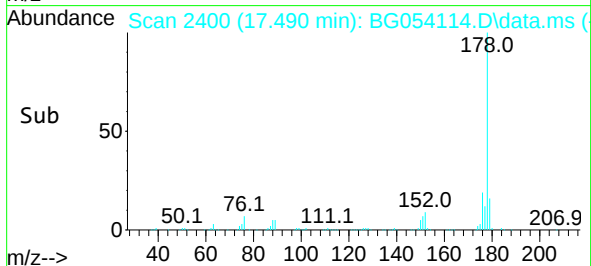


Tgt Ion:178 Resp: 40166  
Ion Ratio Lower Upper  
178 100  
176 18.8 14.1 21.1  
179 15.7 12.1 18.1

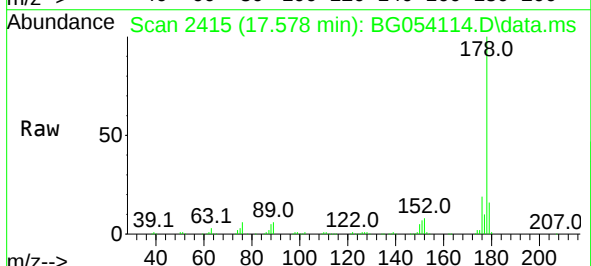
Manual Integrations

APPROVED

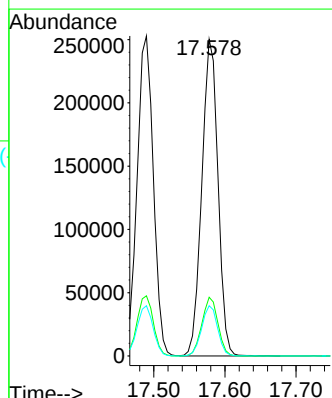
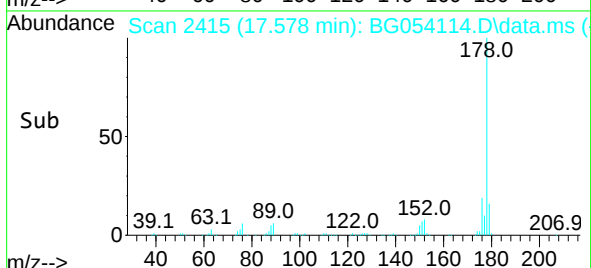
Reviewed By :Christian Giraldo 06/29/2022  
Supervised By :Jagrut Upadhyay 06/29/2022

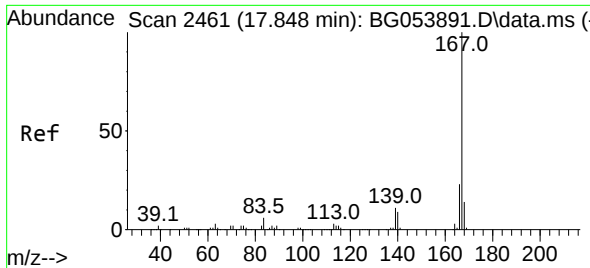


#72  
Anthracene  
Concen: 40.381 ng  
RT: 17.578 min Scan# 2415  
Delta R.T. 0.001 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09



Tgt Ion:178 Resp: 395568  
Ion Ratio Lower Upper  
178 100  
176 18.6 15.2 22.8  
179 15.9 13.0 19.4





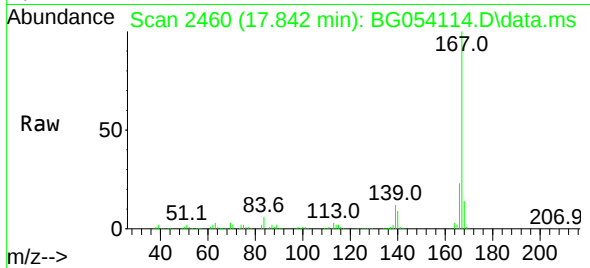
#73  
Carbazole  
Concen: 39.694 ng  
RT: 17.842 min Scan# 2461  
Delta R.T. 0.001 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

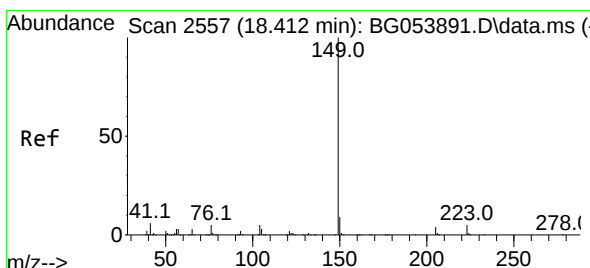
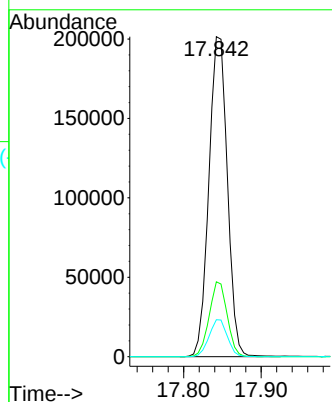
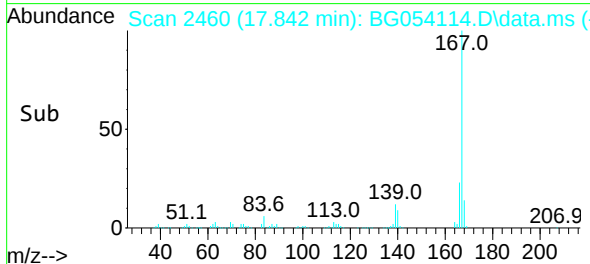


Tgt Ion:167 Resp: 333759  
Ion Ratio Lower Upper  
167 100  
166 23.4 18.2 27.2  
139 11.6 10.1 15.1

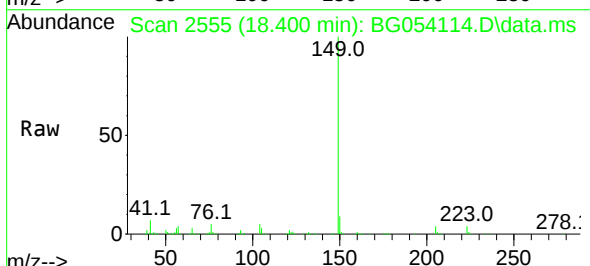
Manual Integrations

APPROVED

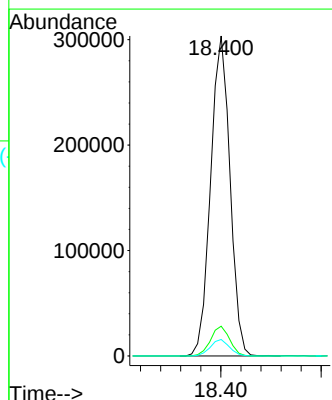
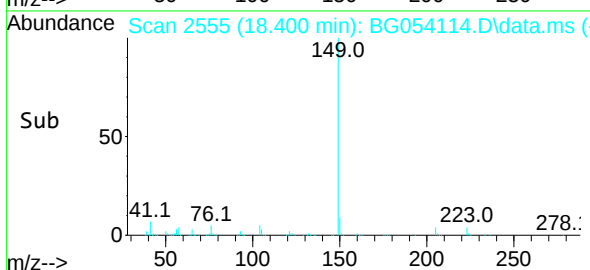
Reviewed By :Christian Giraldo 06/29/2022  
Supervised By :Jagrut Upadhyay 06/29/2022

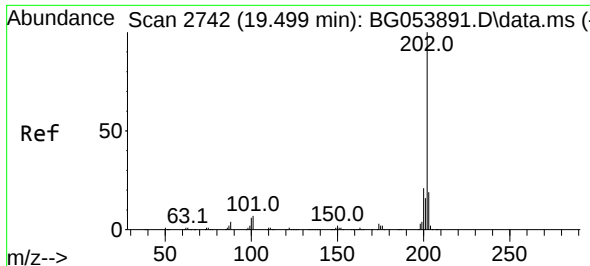


#74  
Di-n-butylphthalate  
Concen: 41.816 ng  
RT: 18.400 min Scan# 2555  
Delta R.T. 0.001 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09



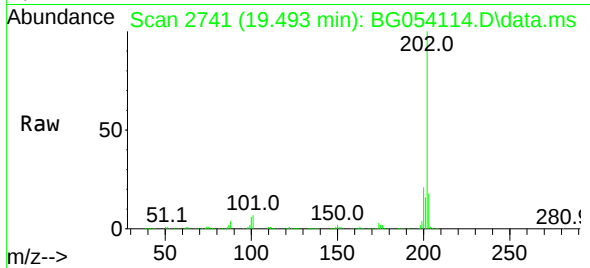
Tgt Ion:149 Resp: 406524  
Ion Ratio Lower Upper  
149 100  
150 9.3 7.7 11.5  
104 5.2 5.4 8.0#





#75  
Fluoranthene  
Concen: 36.514 ng  
RT: 19.493 min Scan# 21  
Delta R.T. 0.001 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

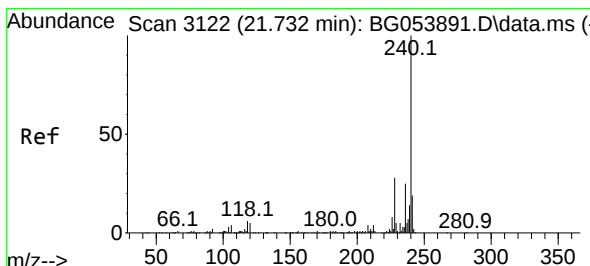
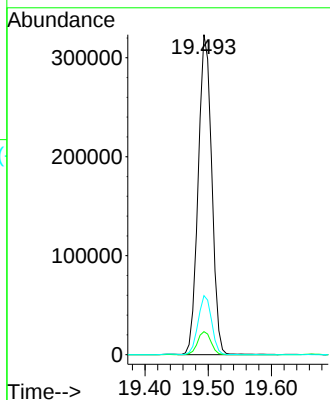
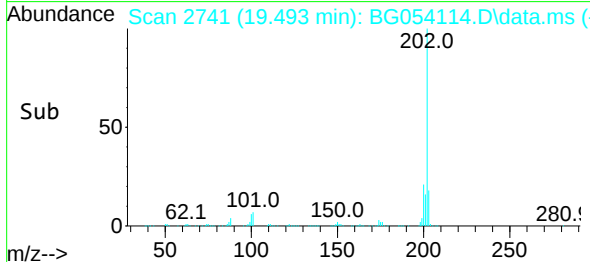
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:202 Resp: 48083  
Ion Ratio Lower Upper  
202 100  
101 7.2 0.0 26.9  
203 18.4 0.0 37.2

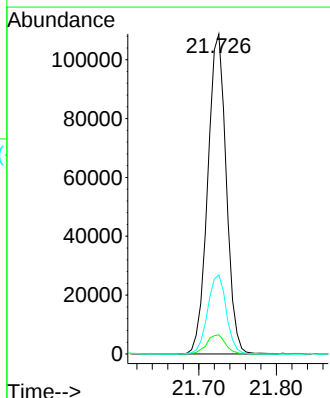
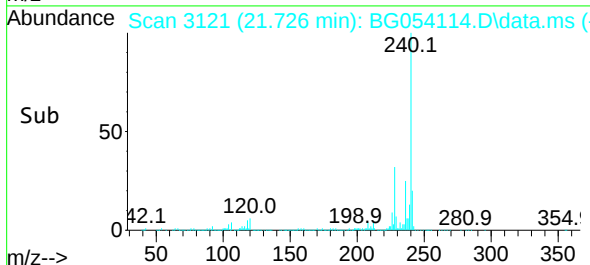
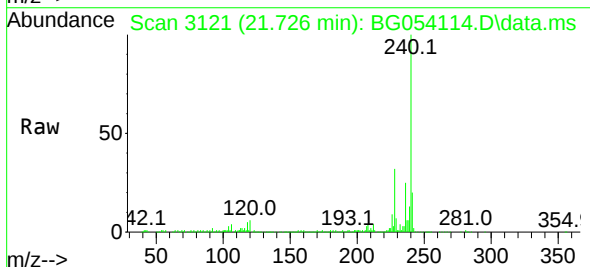
Manual Integrations  
APPROVED

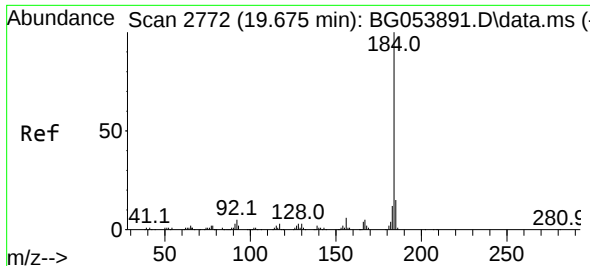
Reviewed By :Christian Giraldo 06/29/2022  
Supervised By :Jagrut Upadhyay 06/29/2022



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.726 min Scan# 3121  
Delta R.T. 0.007 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

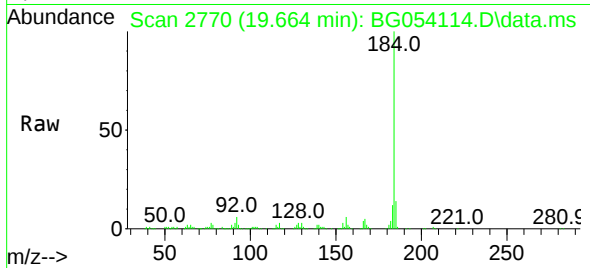
Tgt Ion:240 Resp: 180123  
Ion Ratio Lower Upper  
240 100  
120 6.0 4.6 7.0  
236 24.7 20.2 30.4





#77  
Benzidine  
Concen: 36.643 ng  
RT: 19.664 min Scan# 21  
Delta R.T. 0.001 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

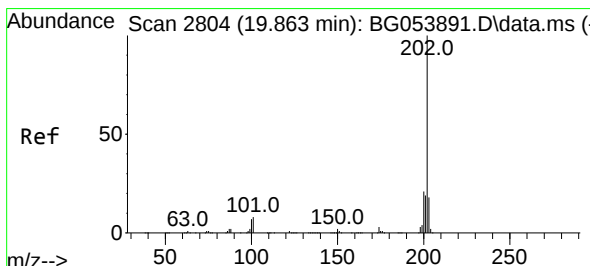
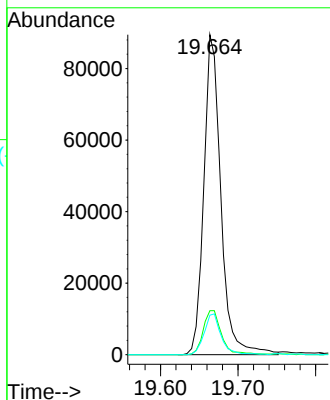
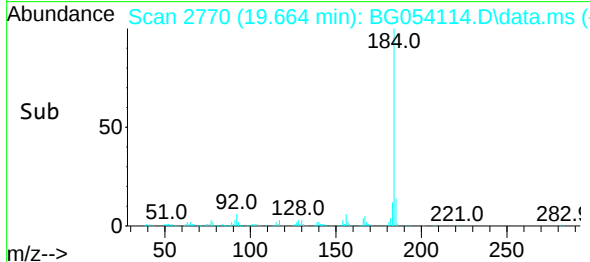
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



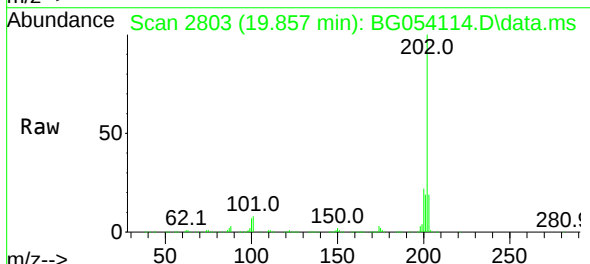
Tgt Ion:184 Resp: 13668  
Ion Ratio Lower Upper  
184 100  
185 13.7 11.8 17.6  
183 12.4 8.9 13.3

Manual Integrations  
APPROVED

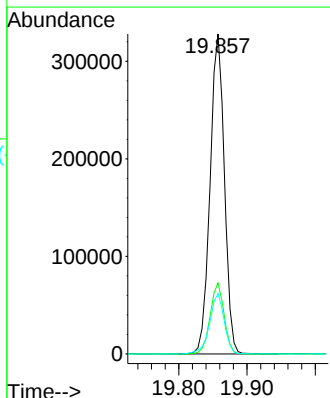
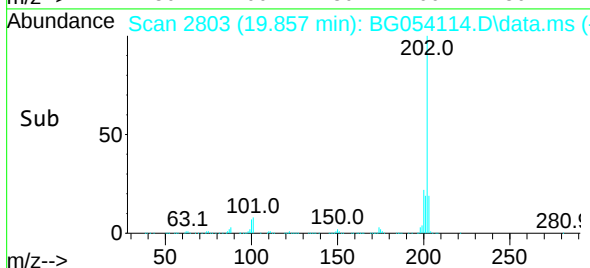
Reviewed By :Christian Giraldo 06/29/2022  
Supervised By :Jagrut Upadhyay 06/29/2022

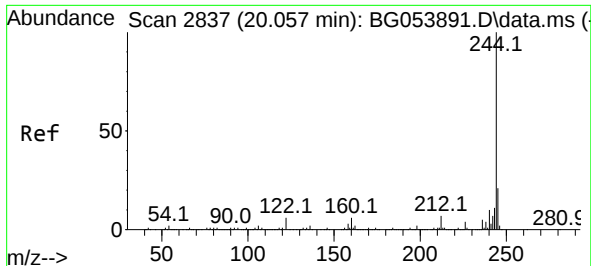


#78  
Pyrene  
Concen: 44.037 ng  
RT: 19.857 min Scan# 2803  
Delta R.T. 0.007 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09



Tgt Ion:202 Resp: 479080  
Ion Ratio Lower Upper  
202 100  
200 22.2 16.6 24.8  
203 18.9 14.6 21.8





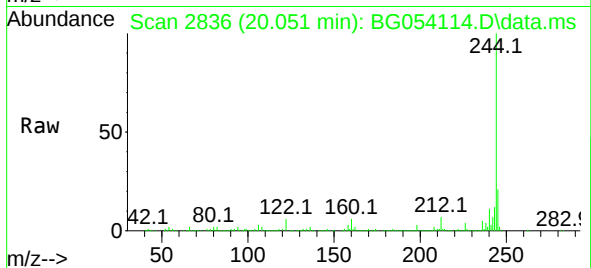
#79  
 Terphenyl-d14  
 Concen: 84.426 ng  
 RT: 20.051 min Scan# 21  
 Delta R.T. 0.007 min  
 Lab File: BG054114.D  
 Acq: 28 Jun 2022 11:09

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

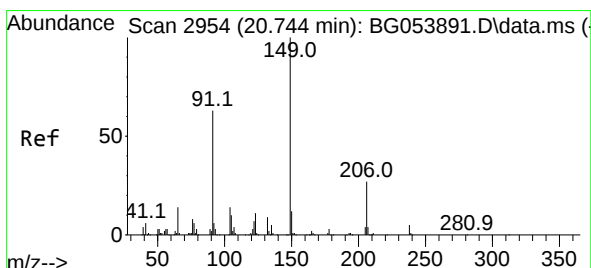
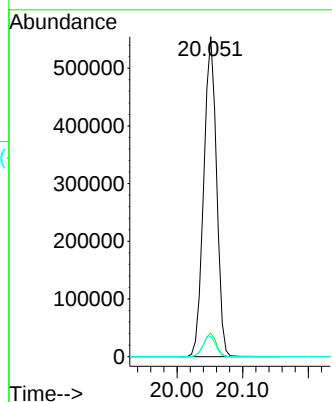
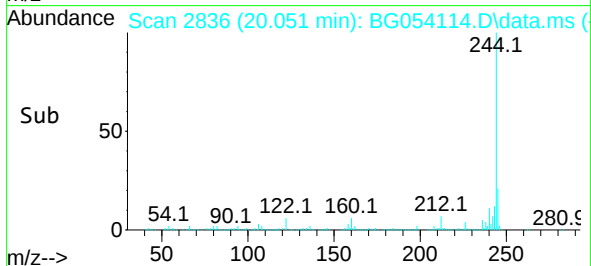


Tgt Ion:244 Resp: 755034  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 6.5 9.7  
 122 6.3 5.0 7.4

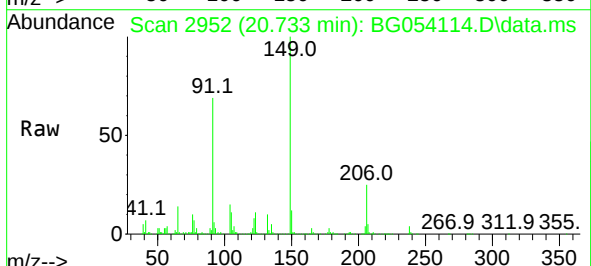
Manual Integrations

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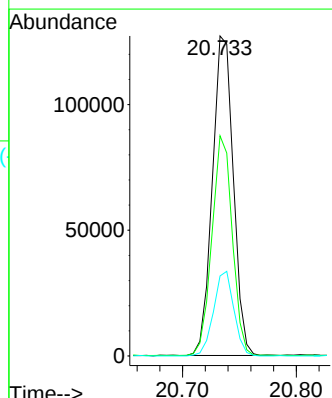
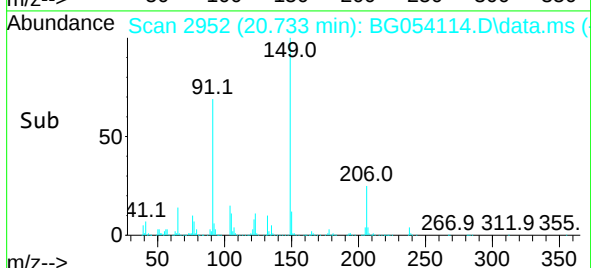
Reviewed By :Christian Giraldo 06/29/2022  
 Supervised By :Jagrut Upadhyay 06/29/2022

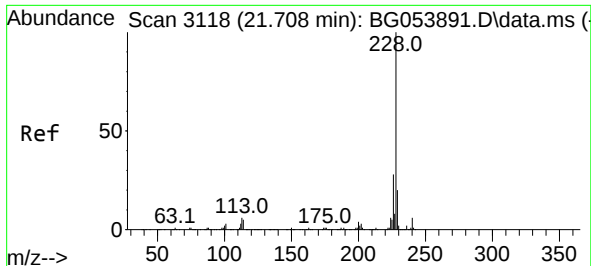


#80  
 Butylbenzylphthalate  
 Concen: 46.648 ng  
 RT: 20.733 min Scan# 2952  
 Delta R.T. 0.001 min  
 Lab File: BG054114.D  
 Acq: 28 Jun 2022 11:09



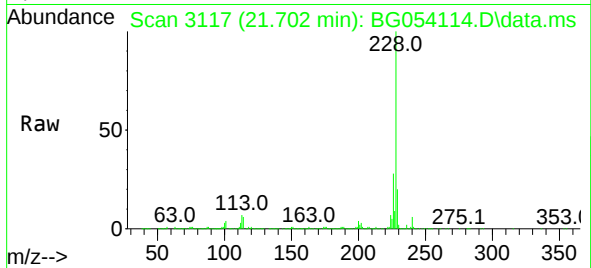
Tgt Ion:149 Resp: 162664  
 Ion Ratio Lower Upper  
 149 100  
 91 68.8 59.6 89.4  
 206 25.0 18.6 28.0





#81  
Benzo(a)anthracene  
Concen: 40.529 ng  
RT: 21.702 min Scan# 3118  
Delta R.T. 0.007 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

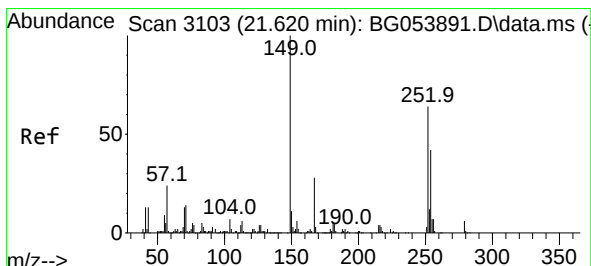
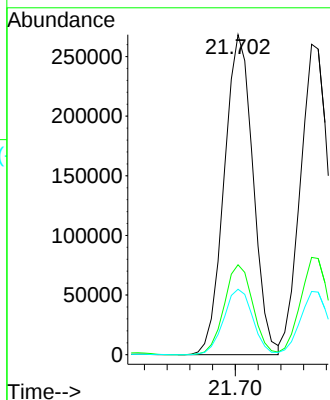
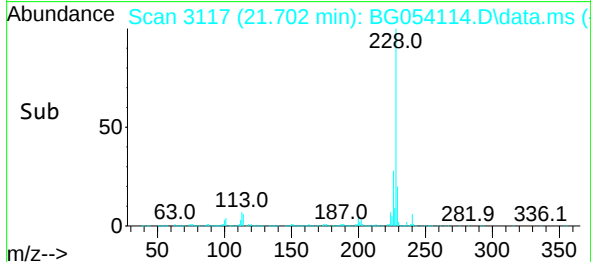
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:228 Resp: 47267  
Ion Ratio Lower Upper  
228 100  
226 28.1 21.6 32.4  
229 20.5 16.2 24.2

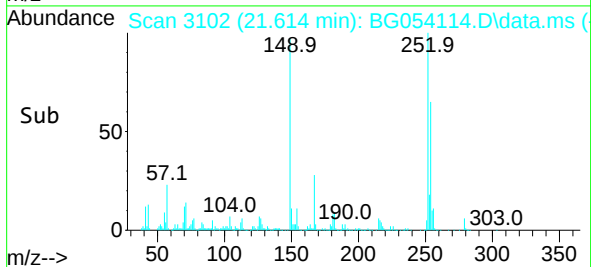
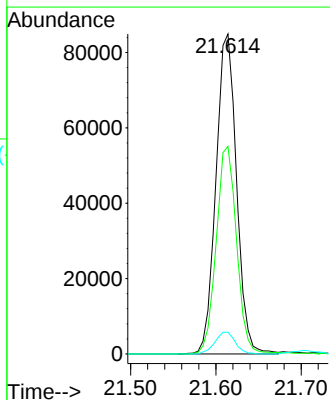
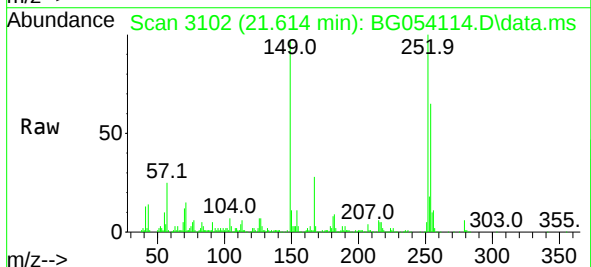
Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 06/29/2022  
Supervised By :Jagrut Upadhyay 06/29/2022



#82  
3,3'-Dichlorobenzidine  
Concen: 40.979 ng  
RT: 21.614 min Scan# 3102  
Delta R.T. 0.007 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

Tgt Ion:252 Resp: 142790  
Ion Ratio Lower Upper  
252 100  
254 64.9 49.8 74.8  
126 6.8 6.0 9.0





#83

Chrysene

Concen: 40.253 ng

RT: 21.767 min Scan# 31

Delta R.T. 0.007 min

Lab File: BG054114.D

Acq: 28 Jun 2022 11:09

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 44748

Ion Ratio Lower Upper

228 100

226 31.3 23.4 35.2

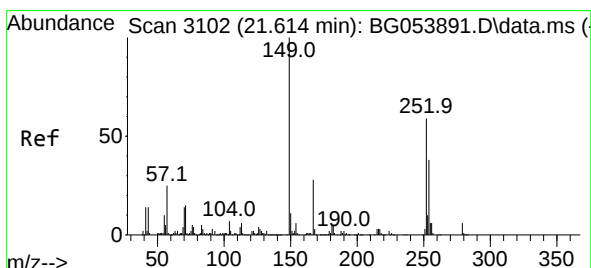
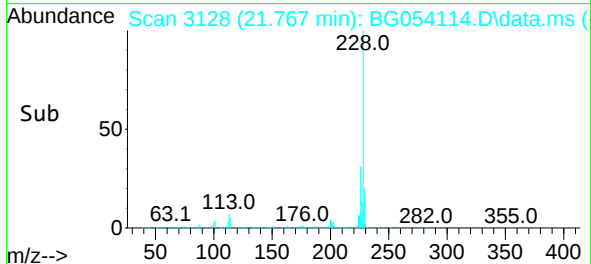
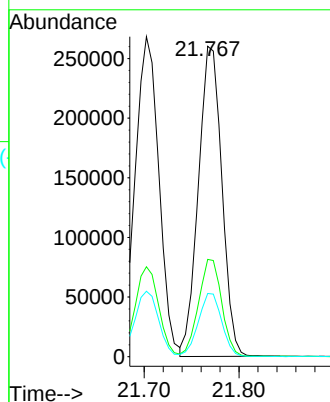
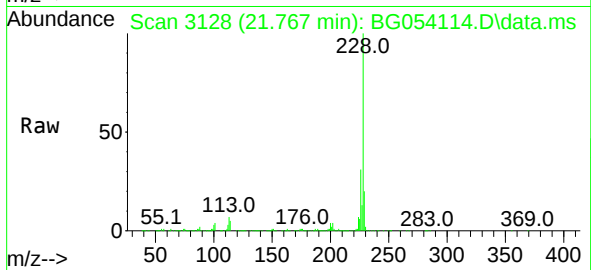
229 20.4 15.5 23.3

Manual Integrations

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Reviewed By :Christian Giraldo 06/29/2022

Supervised By :Jagrut Upadhyay 06/29/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.812 ng

RT: 21.602 min Scan# 3100

Delta R.T. 0.001 min

Lab File: BG054114.D

Acq: 28 Jun 2022 11:09

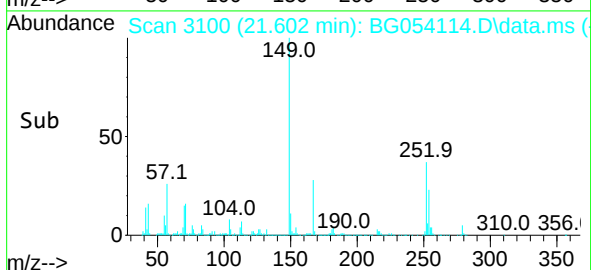
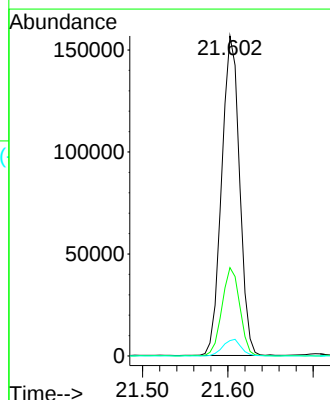
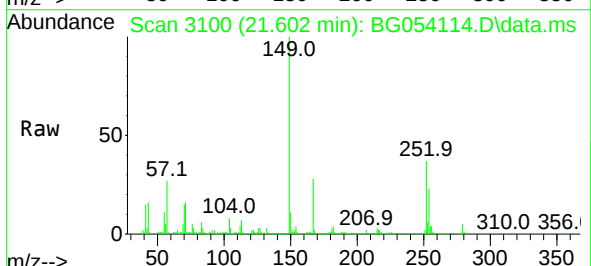
Tgt Ion:149 Resp: 228475

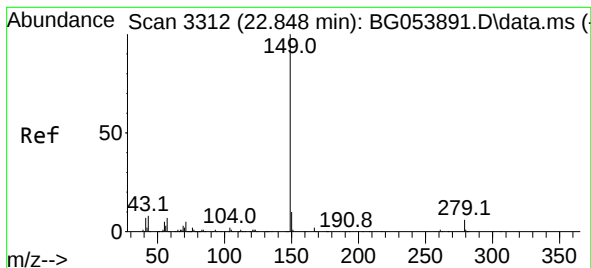
Ion Ratio Lower Upper

149 100

167 27.6 20.2 30.4

279 4.8 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 45.952 ng

RT: 22.830 min Scan# 31

Delta R.T. 0.007 min

Lab File: BG054114.D

Acq: 28 Jun 2022 11:09

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 393894

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

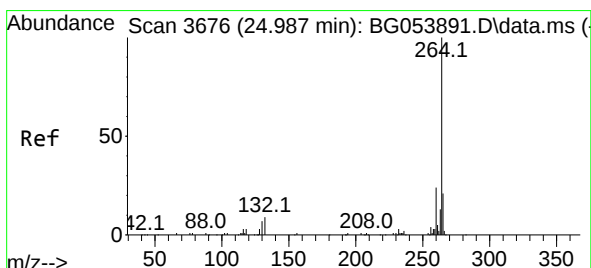
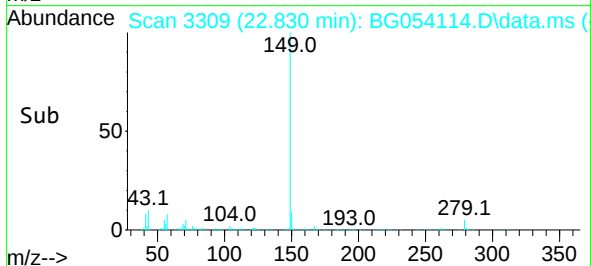
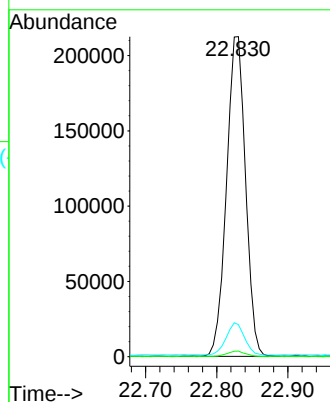
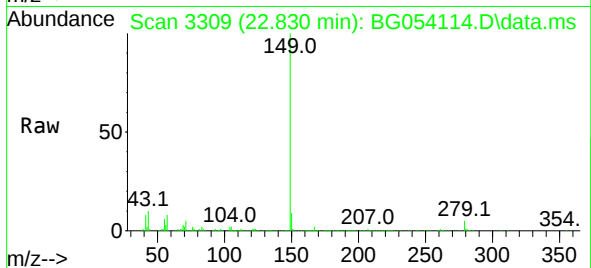
43 9.7 9.0 13.4

Manual Integrations

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Reviewed By :Christian Giraldo 06/29/2022

Supervised By :Jagrut Upadhyay 06/29/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.981 min Scan# 3675

Delta R.T. 0.019 min

Lab File: BG054114.D

Acq: 28 Jun 2022 11:09

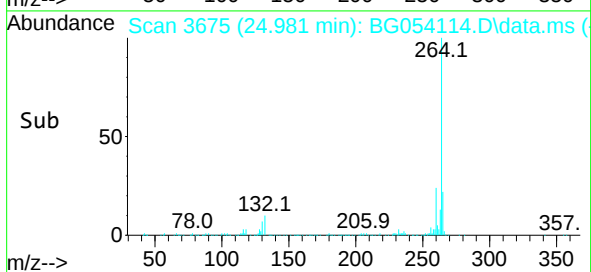
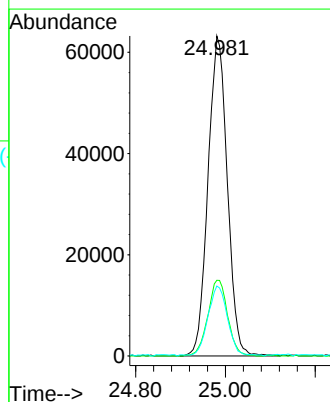
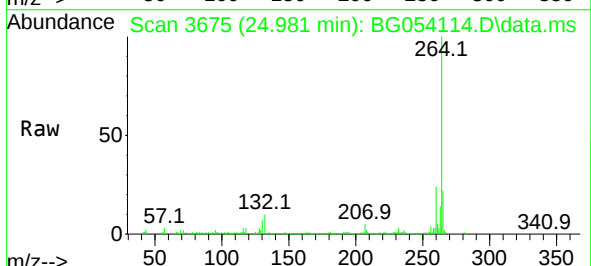
Tgt Ion:264 Resp: 188463

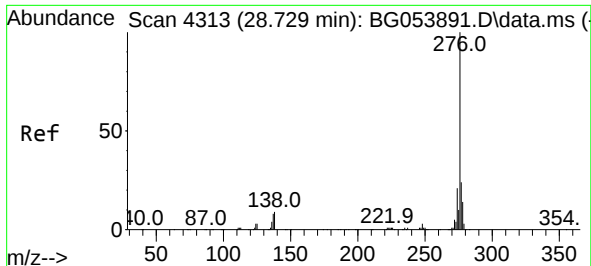
Ion Ratio Lower Upper

264 100

260 23.7 19.0 28.6

265 21.8 17.4 26.2





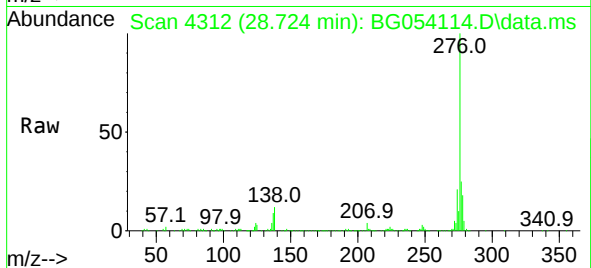
#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 39.492 ng  
 RT: 28.724 min Scan# 41  
 Delta R.T. 0.036 min  
 Lab File: BG054114.D  
 Acq: 28 Jun 2022 11:09

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

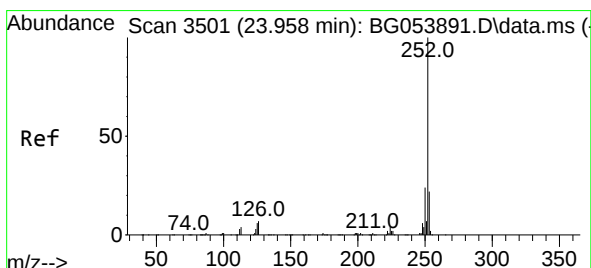
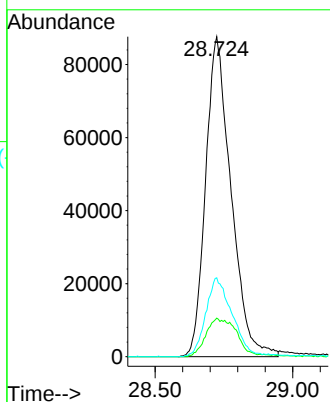
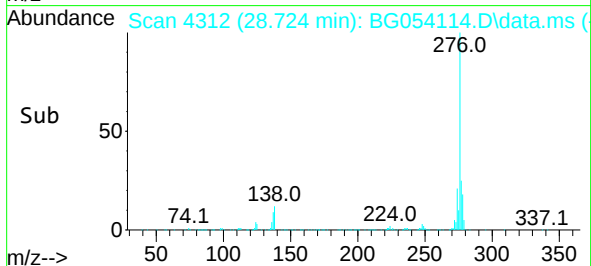


Tgt Ion:276 Resp: 56167  
 Ion Ratio Lower Upper  
 276 100  
 138 14.3 5.0 7.4  
 277 25.5 20.3 30.5

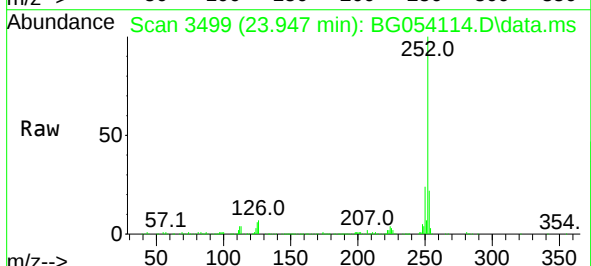
Manual Integrations

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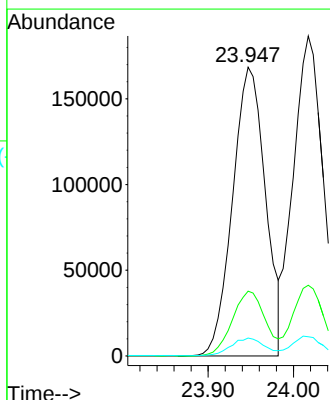
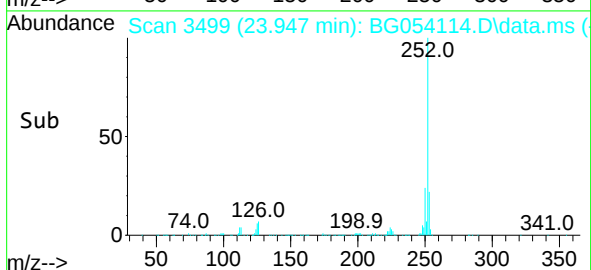
Reviewed By :Christian Giraldo 06/29/2022  
 Supervised By :Jagrut Upadhyay 06/29/2022

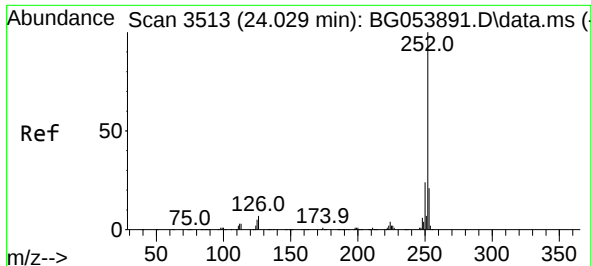


#88  
 Benzo(b)fluoranthene  
 Concen: 39.423 ng  
 RT: 23.947 min Scan# 3499  
 Delta R.T. 0.013 min  
 Lab File: BG054114.D  
 Acq: 28 Jun 2022 11:09



Tgt Ion:252 Resp: 451754  
 Ion Ratio Lower Upper  
 252 100  
 253 22.4 18.0 27.0  
 125 6.2 4.6 6.8





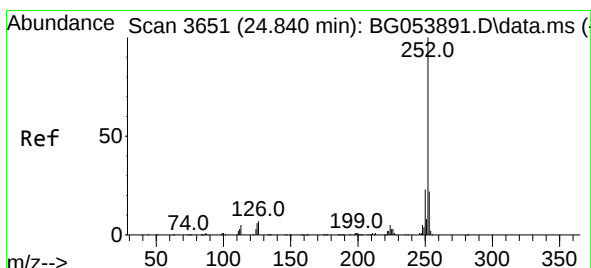
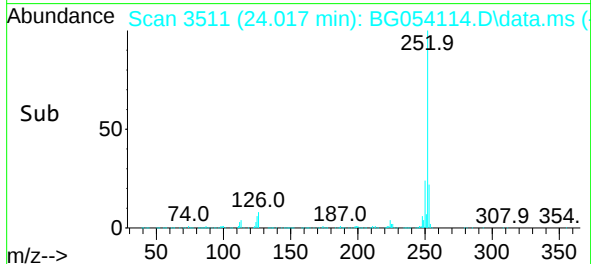
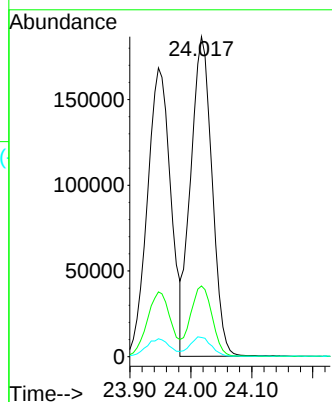
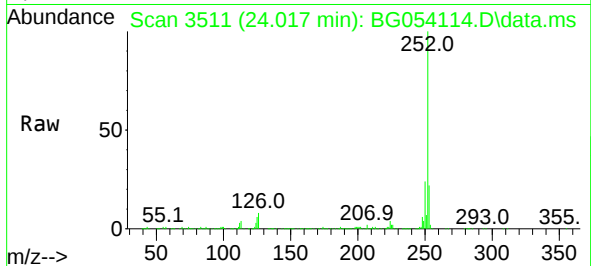
#89  
Benzo(k)fluoranthene  
Concen: 39.938 ng  
RT: 24.017 min Scan# 31  
Delta R.T. 0.013 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:252 Resp: 45311  
Ion Ratio Lower Upper  
252 100  
253 22.1 18.4 27.6  
125 6.0 4.8 7.2

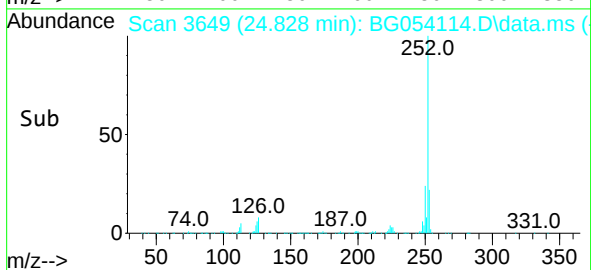
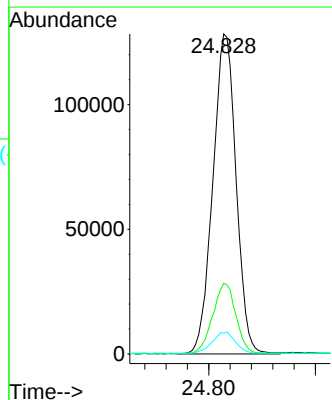
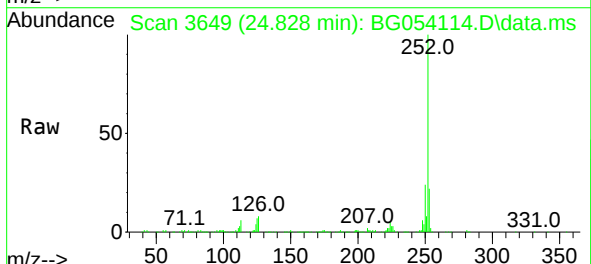
Manual Integrations  
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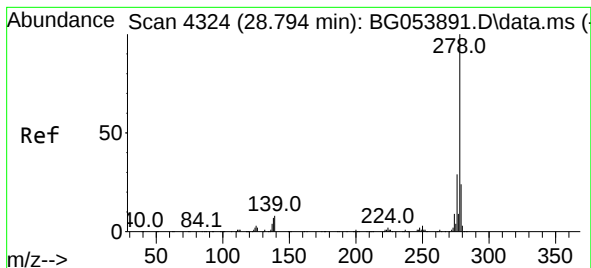
Reviewed By :Christian Giraldo 06/29/2022  
Supervised By :Jagrut Upadhyay 06/29/2022



#90  
Benzo(a)pyrene  
Concen: 40.194 ng  
RT: 24.828 min Scan# 3649  
Delta R.T. 0.013 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

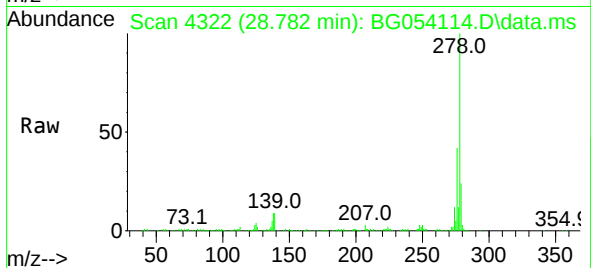
Tgt Ion:252 Resp: 388611  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.8 26.8  
125 6.5 4.3 6.5#





#91  
Dibenzo(a,h)anthracene  
Concen: 39.317 ng  
RT: 28.782 min Scan# 4111  
Delta R.T. 0.036 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09

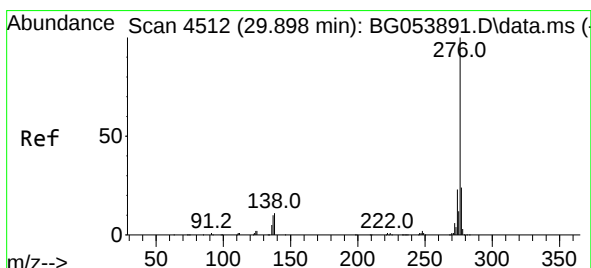
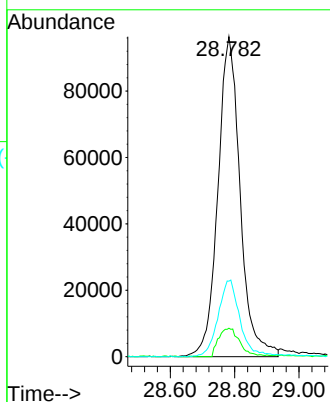
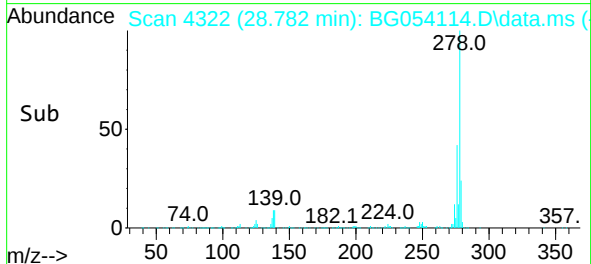
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



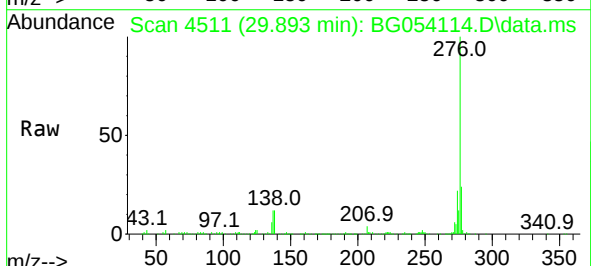
Tgt Ion:278 Resp: 462398  
Ion Ratio Lower Upper  
278 100  
139 8.9 7.2 10.8  
279 23.6 18.6 27.8

Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 06/29/2022  
Supervised By :Jagrut Upadhyay 06/29/2022



#92  
Benzo(g,h,i)perylene  
Concen: 39.346 ng  
RT: 29.893 min Scan# 4511  
Delta R.T. 0.030 min  
Lab File: BG054114.D  
Acq: 28 Jun 2022 11:09



Tgt Ion:276 Resp: 456664  
Ion Ratio Lower Upper  
276 100  
277 24.0 17.3 25.9  
138 11.8 9.6 14.4

