

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060222\  
 Data File : BG053801.D  
 Acq On : 2 Jun 2022 21:37  
 Operator : CG/JU  
 Sample : N2987-04MSD  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 P033-SS001-1824-01MSD

Quant Time: Jun 03 02:28:22 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG060222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 02 23:22:27 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : Christian Giraldo 06/03/2022  
 Supervised By : Jagrut Upadhyay 06/03/2022

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.095  | 152  | 7695     | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.897 | 136  | 43279    | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.716 | 164  | 47211    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.454 | 188  | 171732   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.737 | 240  | 188606   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 24.998 | 264  | 183541   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.650  | 112  | 65123    | 155.411 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.237  | 99   | 102214   | 180.072 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.246  | 82   | 56178    | 85.240  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.197 | 330  | 98598    | 172.051 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.341 | 172  | 197193   | 62.486  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.063 | 244  | 854905   | 90.175  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.547  | 88   | 7528     | 37.153  | ng    | # 87     |
| 3) Pyridine                   | 3.946  | 79   | 20069    | 40.863  | ng    | # 86     |
| 4) n-Nitrosodimethylamine     | 3.858  | 42   | 12507    | 56.401  | ng    | 91       |
| 6) Aniline                    | 7.407  | 93   | 30180    | 43.685  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.654  | 128  | 31048    | 72.381  | ng    | 93       |
| 9) Benzaldehyde               | 7.225  | 77   | 18285    | 48.309  | ng    | 90       |
| 10) Phenol                    | 7.266  | 94   | 45681    | 77.883  | ng    | 95       |
| 11) bis(2-Chloroethyl)ether   | 7.501  | 93   | 26371    | 57.162  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.983  | 146  | 27548    | 50.467  | ng    | 94       |
| 13) 1,4-Dichlorobenzene       | 8.130  | 146  | 28079    | 50.581  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.447  | 146  | 28162    | 52.954  | ng    | 97       |
| 15) Benzyl Alcohol            | 8.318  | 79   | 33711    | 79.343  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.617  | 45   | 43576    | 53.837  | ng    | 99       |
| 17) 2-Methylphenol            | 8.523  | 107  | 32436    | 80.902  | ng    | 90       |
| 18) Hexachloroethane          | 9.187  | 117  | 9093     | 49.506  | ng    | 89       |
| 19) n-Nitroso-di-n-propyla... | 8.894  | 70   | 27068    | 67.329  | ng    | 92       |
| 20) 3+4-Methylphenols         | 8.847  | 107  | 45888    | 84.242  | ng    | 95       |
| 22) Acetophenone              | 8.911  | 105  | 50498    | 47.252  | ng    | # 97     |
| 24) Nitrobenzene              | 9.287  | 77   | 35543    | 48.490  | ng    | 93       |
| 25) Isophorone                | 9.816  | 82   | 82173    | 55.628  | ng    | 97       |
| 26) 2-Nitrophenol             | 10.004 | 139  | 14242    | 59.000  | ng    | # 74     |
| 27) 2,4-Dimethylphenol        | 10.057 | 122  | 38985    | 73.413  | ng    | 95       |
| 28) bis(2-Chloroethoxy)met... | 10.298 | 93   | 44609    | 55.573  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.539 | 162  | 44442    | 69.680  | ng    | 92       |
| 30) 1,2,4-Trichlorobenzene    | 10.762 | 180  | 36157    | 44.790  | ng    | 97       |
| 31) Naphthalene               | 10.950 | 128  | 102049   | 46.071  | ng    | 100      |
| 32) Benzoic acid              | 10.174 | 122  | 37028    | 91.289  | ng    | # 83     |
| 33) 4-Chloroaniline           | 11.044 | 127  | 28780    | 31.340  | ng    | 97       |
| 34) Hexachlorobutadiene       | 11.244 | 225  | 22472    | 39.293  | ng    | 95       |
| 35) Caprolactam               | 11.802 | 113  | 19926m   | 109.310 | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 12.160 | 107  | 56298    | 82.935  | ng    | 90       |
| 37) 2-Methylnaphthalene       | 12.548 | 142  | 86218    | 53.656  | ng    | 96       |
| 38) 1-Methylnaphthalene       | 12.766 | 142  | 86274    | 54.903  | ng    | 97       |
| 40) 1,2,4,5-Tetrachloroben... | 12.918 | 216  | 59769    | 37.701  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.901 | 237  | 61177    | 75.916  | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 13.147 | 196  | 47752    | 55.539  | ng    | 96       |

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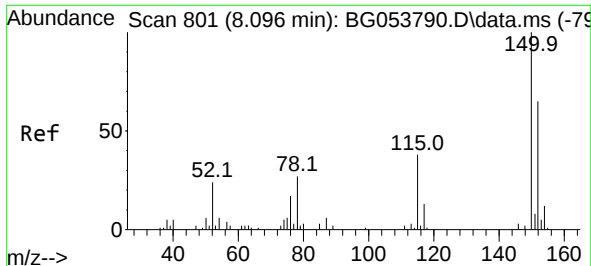
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 Supervised By : Jagrut Upadhyay 06/03/2022

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.218 | 196  | 57775    | 60.394  | ng    | 95       |
| 46) 1,1'-Biphenyl             | 13.553 | 154  | 139361   | 41.419  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.594 | 162  | 109386   | 41.788  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.782 | 65   | 39227    | 57.761  | ng    | 92       |
| 49) Acenaphthylene            | 14.434 | 152  | 207590   | 49.433  | ng    | 100      |
| 50) Dimethylphthalate         | 14.164 | 163  | 179956   | 52.013  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.275 | 165  | 36512    | 57.974  | ng    | # 83     |
| 52) Acenaphthene              | 14.781 | 154  | 144693   | 54.233  | ng    | 99       |
| 53) 3-Nitroaniline            | 14.605 | 138  | 26659    | 40.230  | ng    | 81       |
| 54) 2,4-Dinitrophenol         | 14.810 | 184  | 49063    | 155.510 | ng    | # 75     |
| 55) Dibenzofuran              | 15.110 | 168  | 210318   | 49.450  | ng    | 94       |
| 56) 4-Nitrophenol             | 14.904 | 139  | 96369    | 169.207 | ng    | # 84     |
| 57) 2,4-Dinitrotoluene        | 15.063 | 165  | 59033    | 67.907  | ng    | 90       |
| 58) Fluorene                  | 15.756 | 166  | 185723   | 52.739  | ng    | 95       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.333 | 232  | 65052    | 61.847  | ng    | # 97     |
| 60) Diethylphthalate          | 15.527 | 149  | 201748   | 57.576  | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 15.750 | 204  | 99344    | 52.328  | ng    | 93       |
| 62) 4-Nitroaniline            | 15.768 | 138  | 53283    | 72.100  | ng    | # 75     |
| 63) Azobenzene                | 16.044 | 77   | 175020   | 53.381  | ng    | 93       |
| 65) 4,6-Dinitro-2-methylph... | 15.827 | 198  | 35062    | 52.701  | ng    | 89       |
| 66) n-Nitrosodiphenylamine    | 15.962 | 169  | 186679   | 40.879  | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 16.643 | 248  | 76395    | 40.943  | ng    | 96       |
| 68) Hexachlorobenzene         | 16.767 | 284  | 88579    | 42.589  | ng    | 96       |
| 69) Atrazine                  | 16.908 | 200  | 98899    | 55.313  | ng    | 97       |
| 70) Pentachlorophenol         | 17.102 | 266  | 144254   | 107.298 | ng    | 97       |
| 71) Phenanthrene              | 17.501 | 178  | 416938   | 46.125  | ng    | 98       |
| 72) Anthracene                | 17.589 | 178  | 425473   | 48.094  | ng    | 99       |
| 73) Carbazole                 | 17.854 | 167  | 442612   | 55.427  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.418 | 149  | 499229   | 54.366  | ng    | # 98     |
| 75) Fluoranthene              | 19.505 | 202  | 659891   | 56.284  | ng    | 95       |
| 77) Benzidine                 | 19.675 | 184  | 216991   | 47.050  | ng    | 98       |
| 78) Pyrene                    | 19.869 | 202  | 669297   | 55.800  | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.756 | 149  | 234687   | 59.995  | ng    | 92       |
| 81) Benzo(a)anthracene        | 21.714 | 228  | 586583   | 46.847  | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.626 | 252  | 96756    | 27.416  | ng    | 97       |
| 83) Chrysene                  | 21.784 | 228  | 528685   | 44.731  | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 21.632 | 149  | 295413   | 52.516  | ng    | 95       |
| 85) Di-n-octyl phthalate      | 22.865 | 149  | 472670   | 50.528  | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.735 | 276  | 622379   | 46.005  | ng    | # 96     |
| 88) Benzo(b)fluoranthene      | 23.964 | 252  | 560600m  | 49.198  | ng    |          |
| 89) Benzo(k)fluoranthene      | 24.035 | 252  | 520012   | 46.169  | ng    | 98       |
| 90) Benzo(a)pyrene            | 24.845 | 252  | 528775   | 54.870  | ng    | # 98     |
| 91) Dibenzo(a,h)anthracene    | 28.806 | 278  | 537016   | 48.037  | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 29.898 | 276  | 533739   | 48.436  | ng    | 94       |

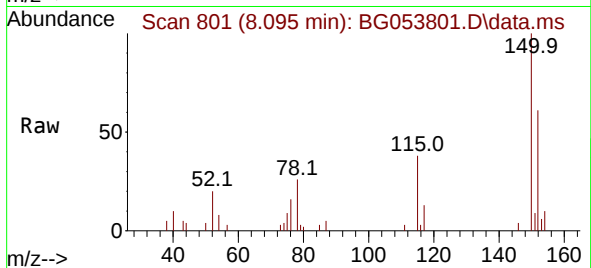
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.095 min Scan# 80  
Delta R.T. -0.002 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

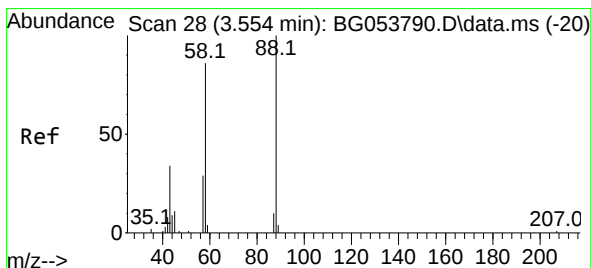
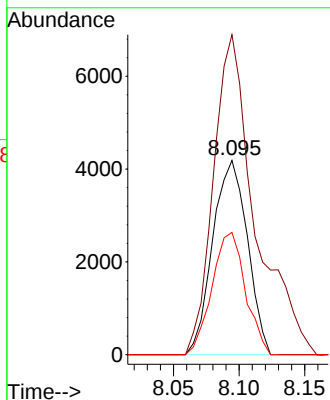
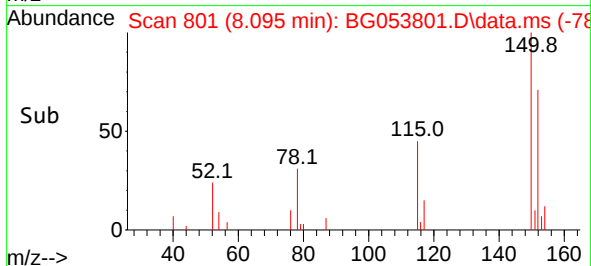
Instrument :  
BNA\_G  
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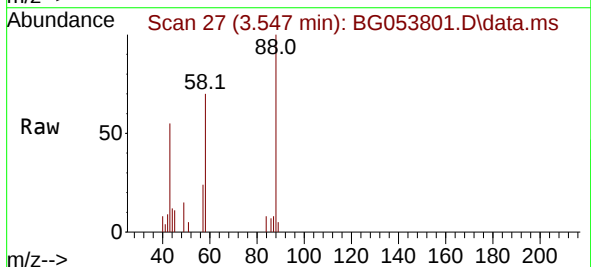
Tgt Ion:152 Resp: 769  
Ion Ratio Lower Upper  
152 100  
150 164.7 131.6 197.4  
115 62.9 50.9 76.3

Manual Integrations  
APPROVED

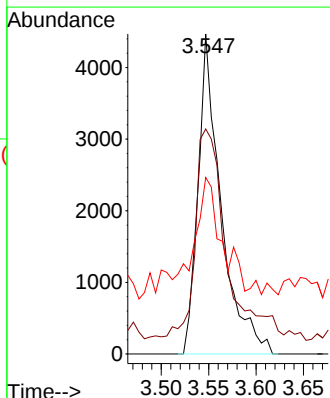
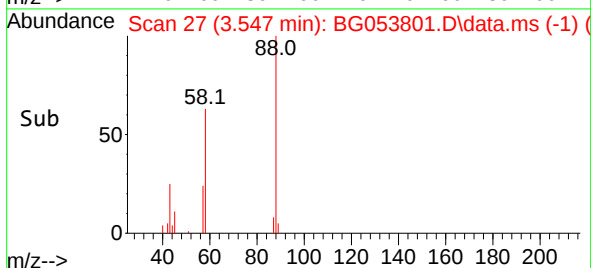
Reviewed By :Christian Giraldo 06/03/2022  
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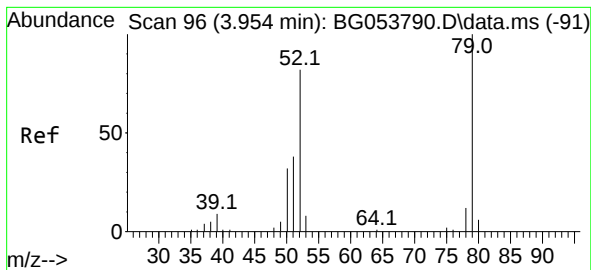


#2  
1,4-Dioxane  
Concen: 37.153 ng  
RT: 3.547 min Scan# 27  
Delta R.T. -0.007 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37



Tgt Ion: 88 Resp: 7528  
Ion Ratio Lower Upper  
88 100  
58 84.6 59.2 88.8  
43 37.2 24.3 36.5





#3

Pyridine

Concen: 40.863 ng

RT: 3.946 min Scan# 91

Delta R.T. -0.007 min

Lab File: BG053801.D

Acq: 2 Jun 2022 21:37

Instrument :

BNA\_G

ClientSampleId :

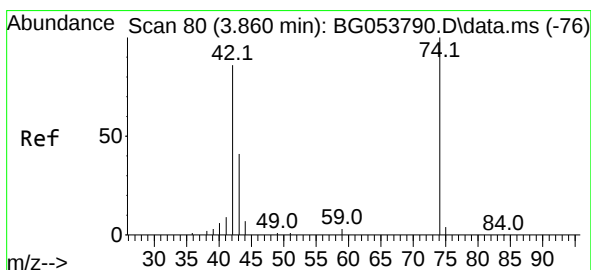
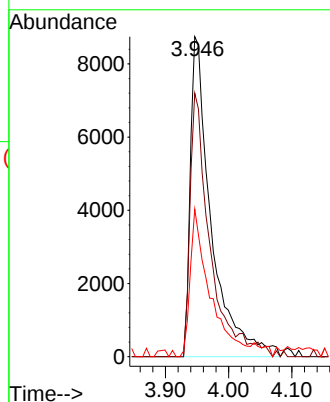
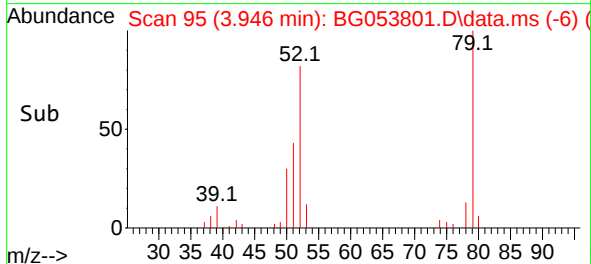
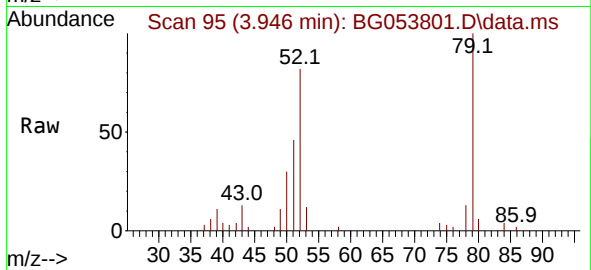
P033-SS001-1824-01MSD

Tgt Ion: 79 Resp: 2006

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 82.4  | 54.6  | 81.8  |
| 51  | 46.1  | 32.5  | 48.7  |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 56.401 ng

RT: 3.858 min Scan# 80

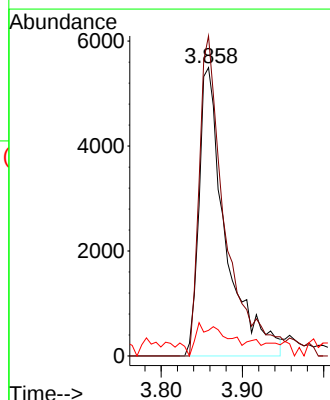
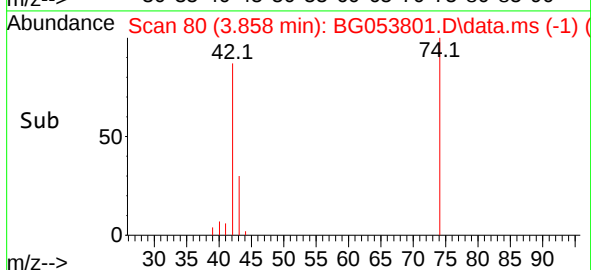
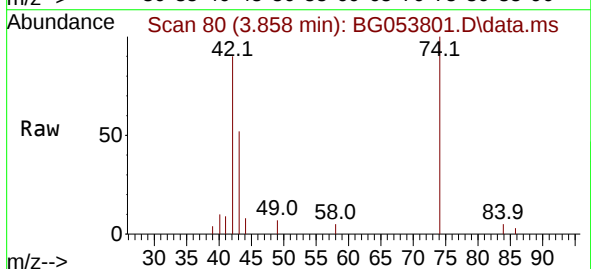
Delta R.T. -0.001 min

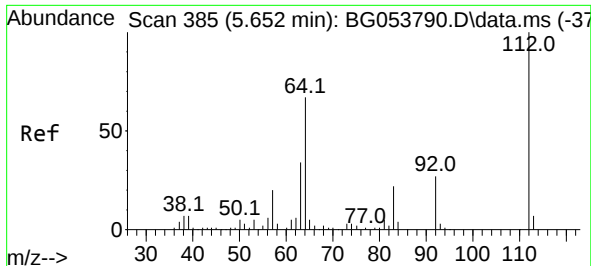
Lab File: BG053801.D

Acq: 2 Jun 2022 21:37

Tgt Ion: 42 Resp: 12507

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 111.0 | 97.0  | 145.4 |
| 44  | 8.9   | 7.0   | 10.4  |





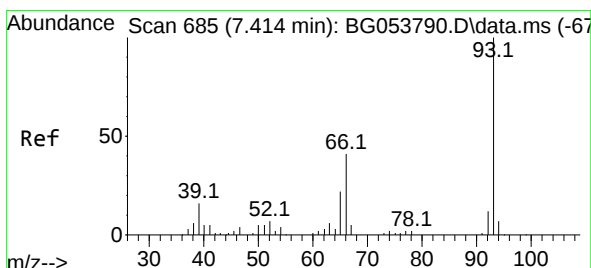
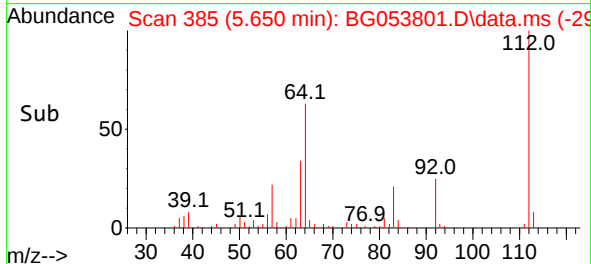
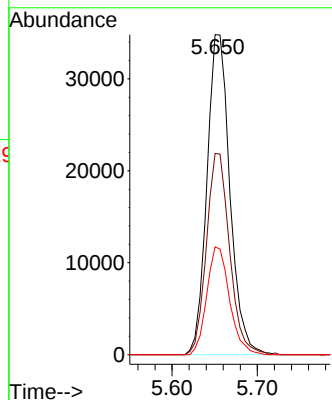
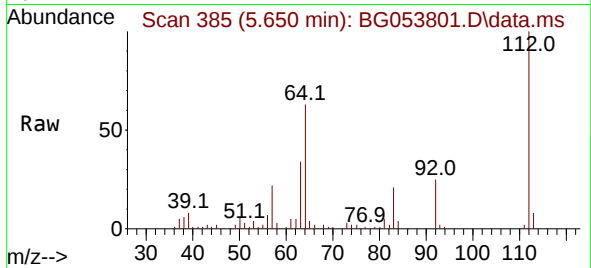
#5  
2-Fluorophenol  
Concen: 155.411 ng  
RT: 5.650 min Scan# 385  
Delta R.T. -0.002 min  
Lab File: BG053801.D  
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Instrument :  
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Tgt Ion:112 Resp: 6512  
Ion Ratio Lower Upper  
112 100  
64 62.8 55.1 82.7  
63 33.7 30.4 45.6

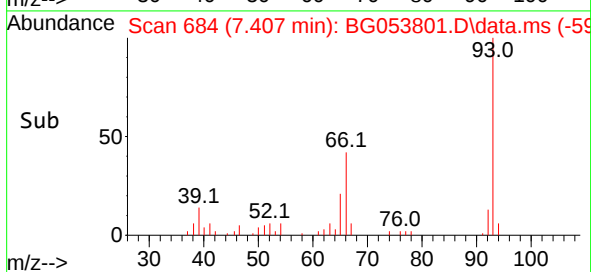
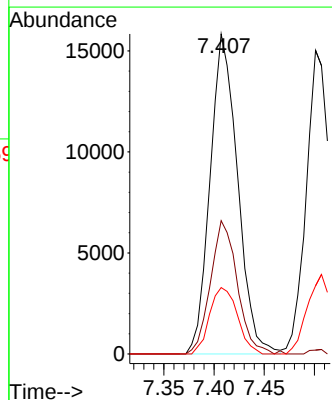
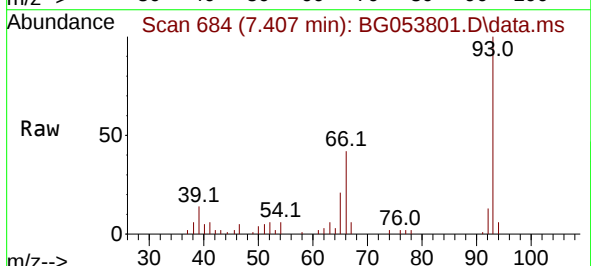
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Supervised By :Jagrut Upadhyay 06/03/2022



#6  
Aniline  
Concen: 43.685 ng  
RT: 7.407 min Scan# 684  
Delta R.T. -0.007 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

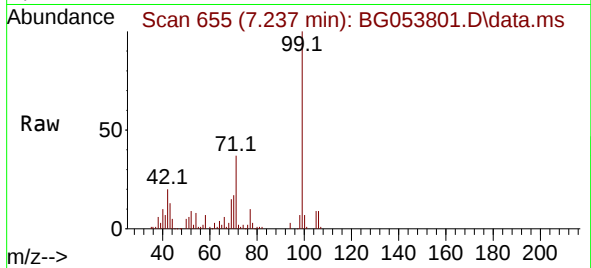
Tgt Ion: 93 Resp: 30180  
Ion Ratio Lower Upper  
93 100  
66 41.6 32.9 49.3  
65 20.8 17.8 26.8





#7  
Phenol-d6  
Concen: 180.072 ng  
RT: 7.237 min Scan# 611  
Delta R.T. -0.001 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

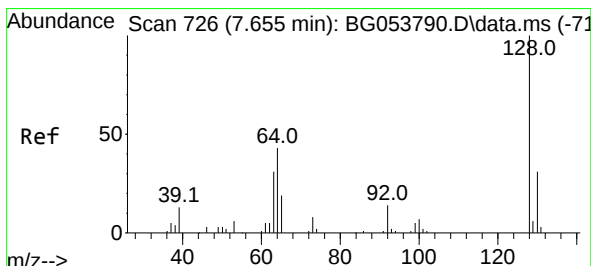
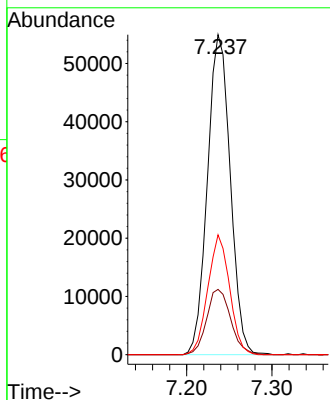
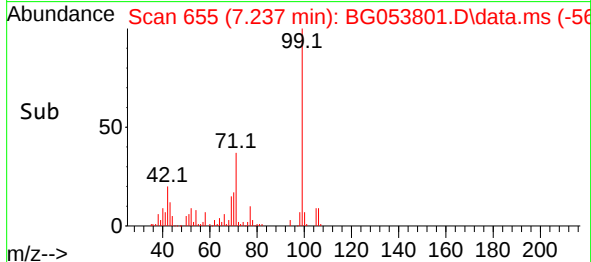
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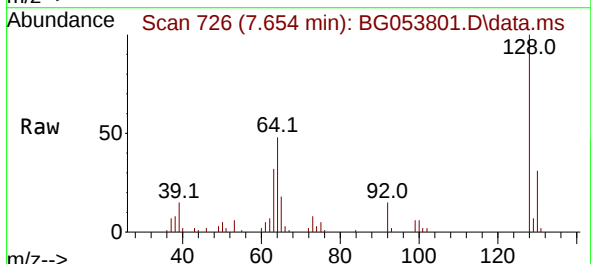
Tgt Ion: 99 Resp: 102214  
Ion Ratio Lower Upper  
99 100  
42 20.4 17.0 25.6  
71 37.4 33.8 50.8

Manual Integrations  
APPROVED

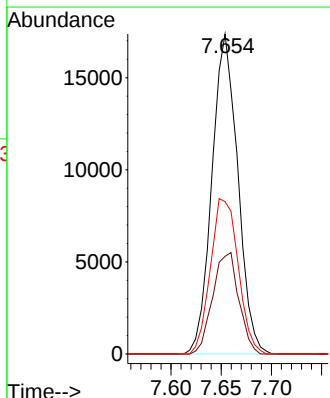
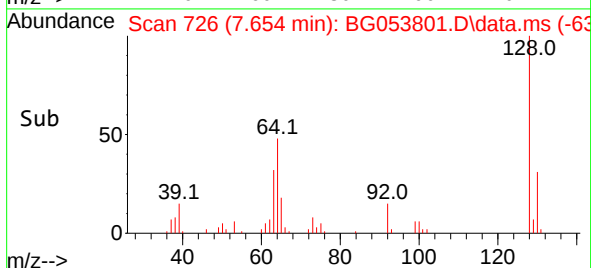
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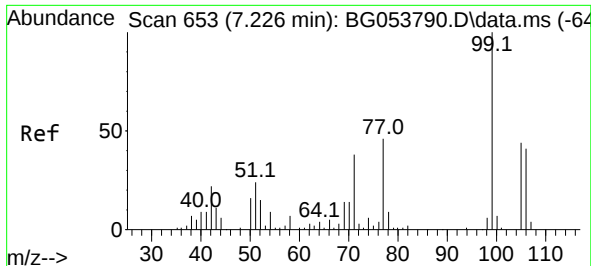


#8  
2-Chlorophenol  
Concen: 72.381 ng  
RT: 7.654 min Scan# 726  
Delta R.T. -0.001 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37



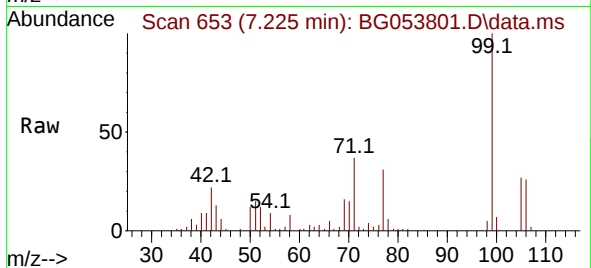
Tgt Ion:128 Resp: 31048  
Ion Ratio Lower Upper  
128 100  
130 30.5 10.5 50.5  
64 47.6 35.1 75.1





#9  
Benzaldehyde  
Concen: 48.309 ng  
RT: 7.225 min Scan# 61  
Delta R.T. -0.001 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

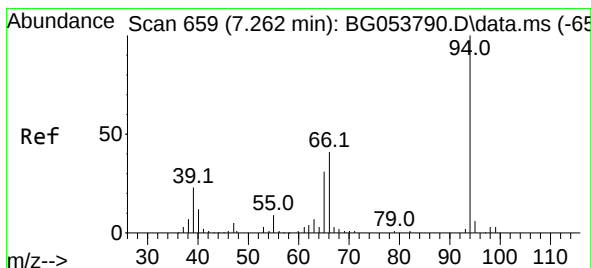
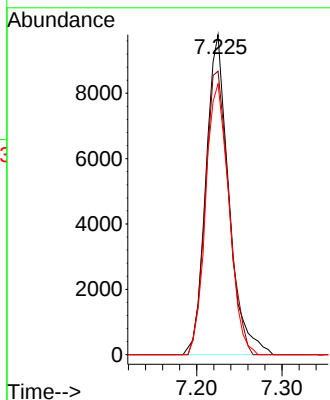
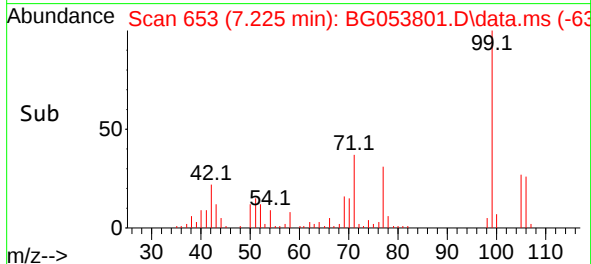
Instrument :  
BNA\_G  
ClientSampleId :  
P033-SS001-1824-01MSD



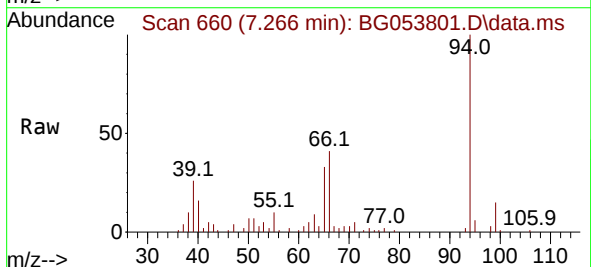
Tgt Ion: 77 Resp: 1828  
Ion Ratio Lower Upper  
77 100  
105 88.6 59.6 99.6  
106 84.7 56.8 96.8

Manual Integrations  
APPROVED

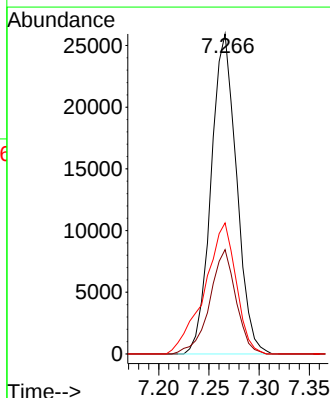
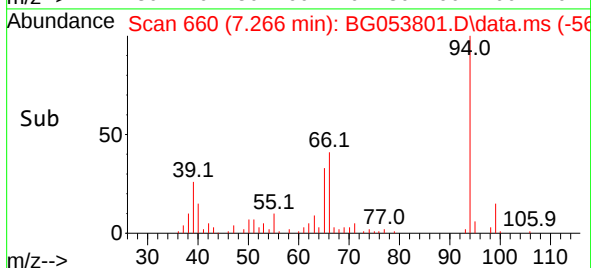
Reviewed By :Christian Giraldo 06/03/2022  
Supervised By :Jagrut Upadhyay 06/03/2022

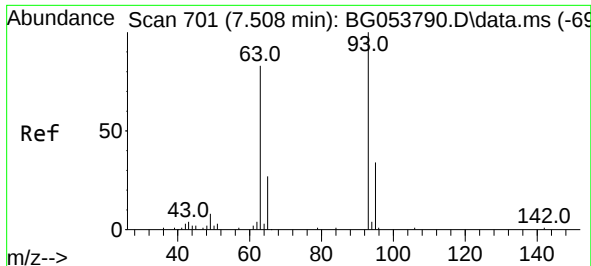


#10  
Phenol  
Concen: 77.883 ng  
RT: 7.266 min Scan# 660  
Delta R.T. 0.004 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37



Tgt Ion: 94 Resp: 45681  
Ion Ratio Lower Upper  
94 100  
65 32.6 14.8 54.8  
66 41.0 25.2 65.2





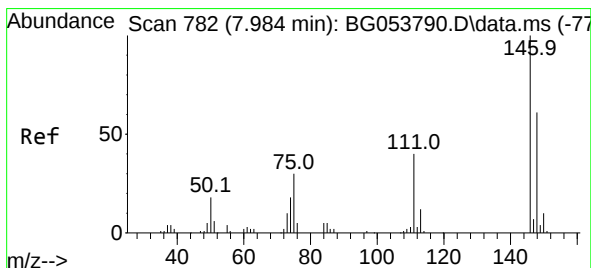
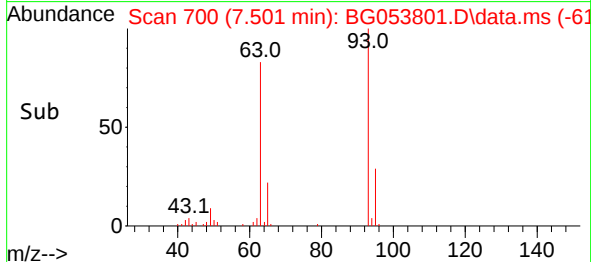
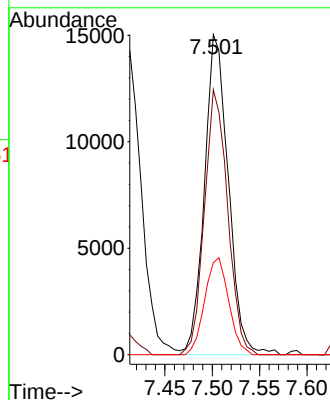
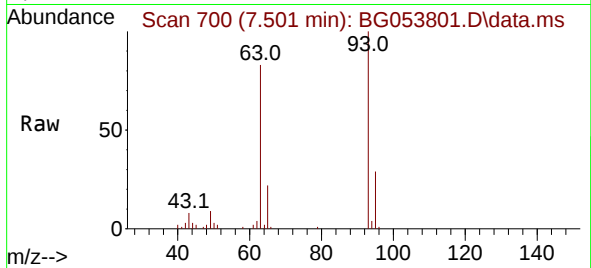
#11  
bis(2-Chloroethyl)ether  
Concen: 57.162 ng  
RT: 7.501 min Scan# 701  
Delta R.T. -0.007 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

Instrument :  
BNA\_G  
ClientSampleId :  
P033-SS001-1824-01MSD

Tgt Ion: 93 Resp: 2637  
Ion Ratio Lower Upper  
93 100  
63 82.8 63.6 103.6  
95 28.8 10.1 50.1

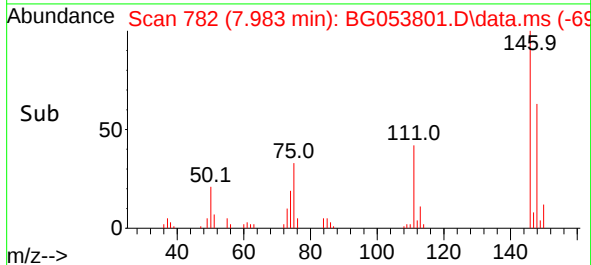
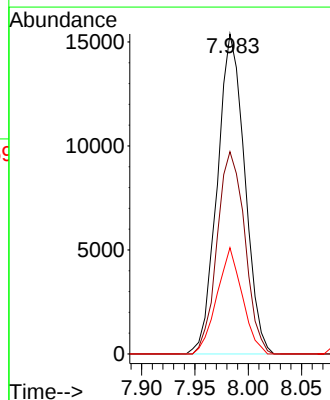
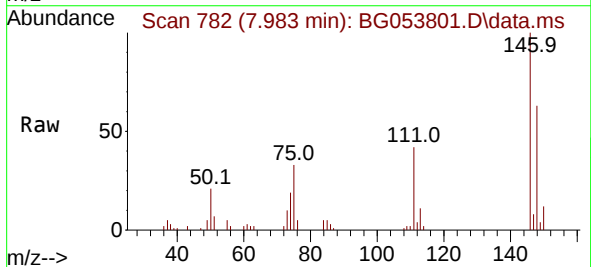
Manual Integrations  
APPROVED

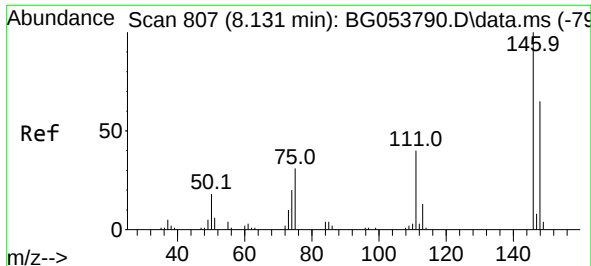
Reviewed By :Christian Giraldo 06/03/2022  
Supervised By :Jagrut Upadhyay 06/03/2022



#12  
1,3-Dichlorobenzene  
Concen: 50.467 ng  
RT: 7.983 min Scan# 782  
Delta R.T. -0.002 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

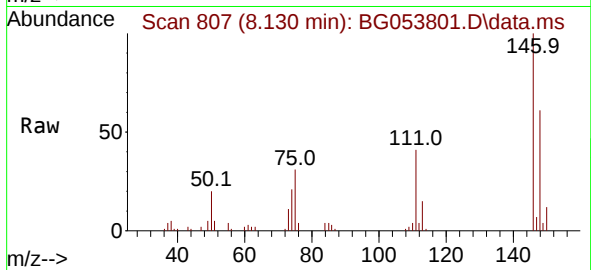
Tgt Ion:146 Resp: 27548  
Ion Ratio Lower Upper  
146 100  
148 63.2 46.1 69.1  
75 33.2 27.6 41.4





#13  
1,4-Dichlorobenzene  
Concen: 50.581 ng  
RT: 8.130 min Scan# 807  
Delta R.T. -0.001 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

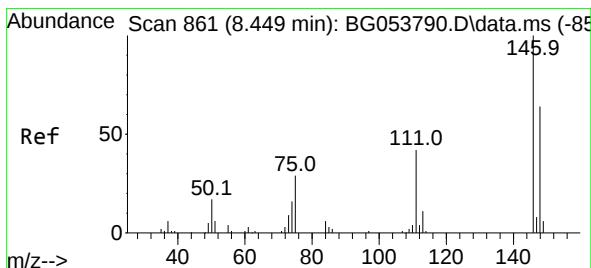
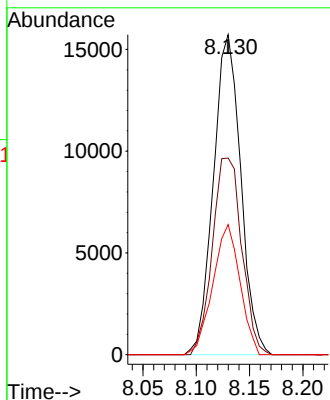
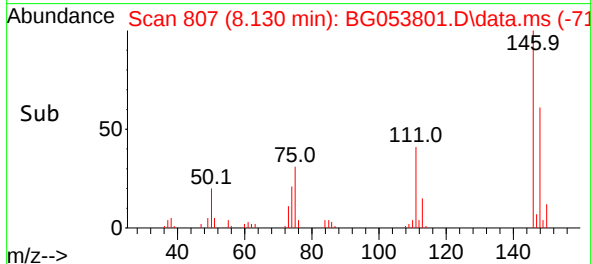
Instrument :  
BNA\_G  
ClientSampleId :  
P033-SS001-1824-01MSD



Tgt Ion:146 Resp: 28079  
Ion Ratio Lower Upper  
146 100  
148 61.5 51.5 77.3  
111 40.6 33.9 50.9

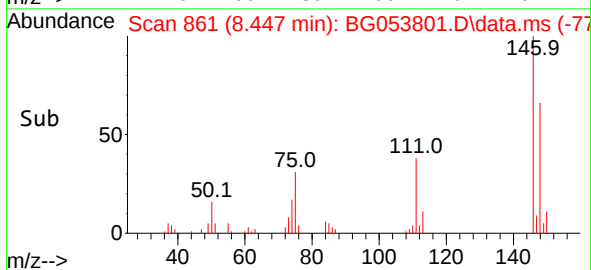
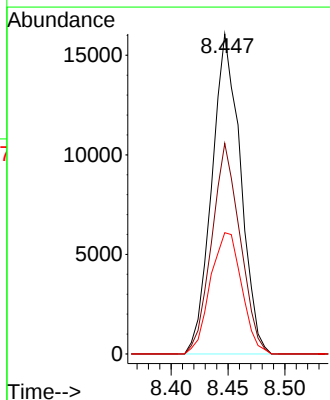
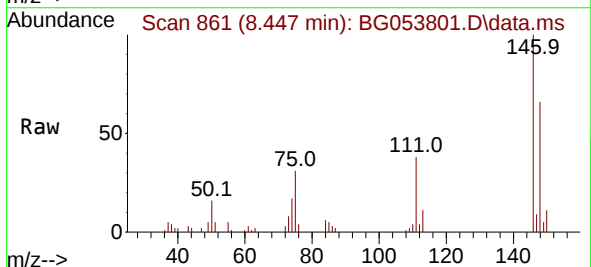
Manual Integrations  
APPROVED

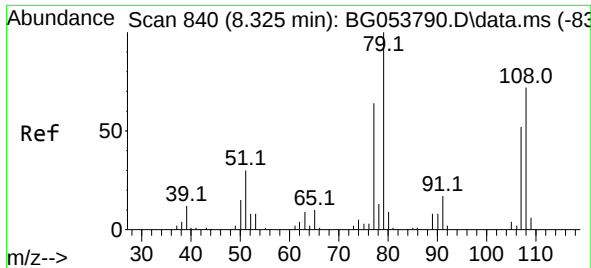
Reviewed By :Christian Giraldo 06/03/2022  
Supervised By :Jagrut Upadhyay 06/03/2022



#14  
1,2-Dichlorobenzene  
Concen: 52.954 ng  
RT: 8.447 min Scan# 861  
Delta R.T. -0.001 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

Tgt Ion:146 Resp: 28162  
Ion Ratio Lower Upper  
146 100  
148 65.8 52.6 78.8  
111 37.9 34.5 51.7





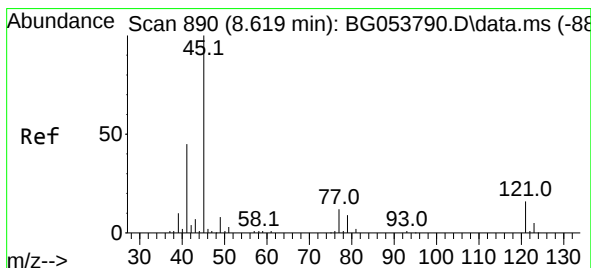
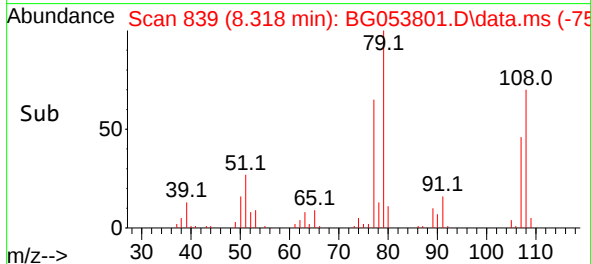
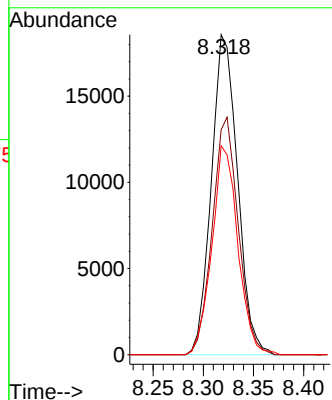
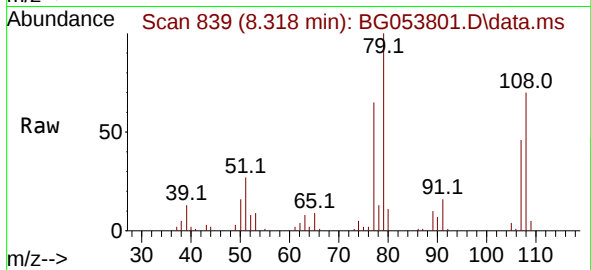
#15  
Benzyl Alcohol  
Concen: 79.343 ng  
RT: 8.318 min Scan# 81  
Delta R.T. -0.007 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

Instrument :  
BNA\_G  
ClientSampleId :  
P033-SS001-1824-01MSD

Tgt Ion: 79 Resp: 3371  
Ion Ratio Lower Upper  
79 100  
108 70.3 53.7 80.5  
77 65.3 52.2 78.4

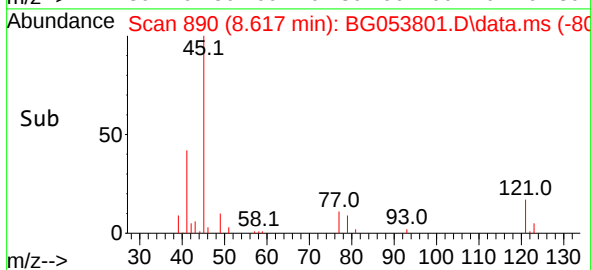
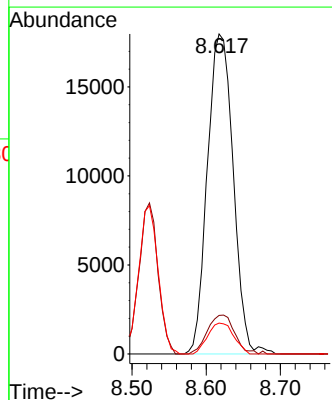
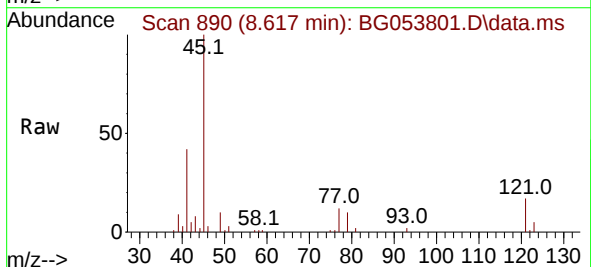
Manual Integrations  
APPROVED

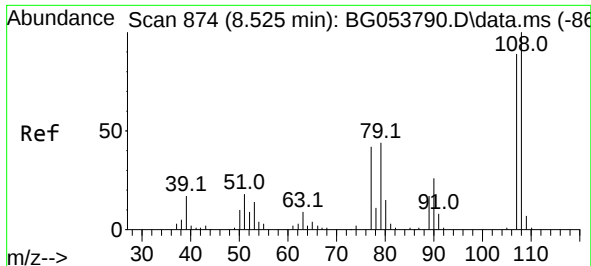
Reviewed By :Christian Giraldo 06/03/2022  
Supervised By :Jagrut Upadhyay 06/03/2022



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 53.837 ng  
RT: 8.617 min Scan# 890  
Delta R.T. -0.001 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

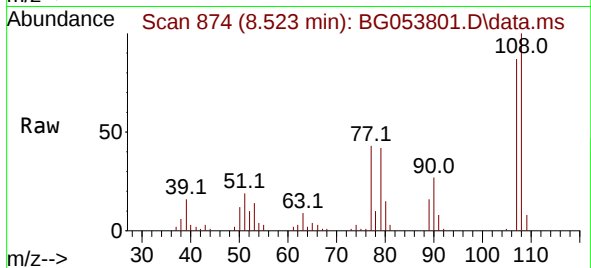
Tgt Ion: 45 Resp: 43576  
Ion Ratio Lower Upper  
45 100  
77 12.0 0.0 32.7  
79 9.7 0.0 29.7





#17  
2-Methylphenol  
Concen: 80.902 ng  
RT: 8.523 min Scan# 81  
Delta R.T. -0.001 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

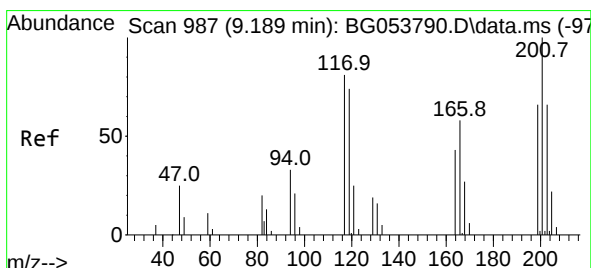
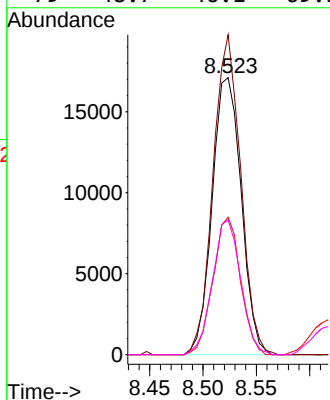
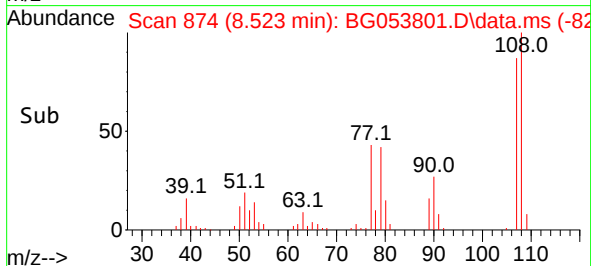
Instrument :  
BNA\_G  
ClientSampleId :  
P033-SS001-1824-01MSD



Tgt Ion:107 Resp: 32430  
Ion Ratio Lower Upper  
107 100  
108 115.5 85.4 128.0  
77 49.6 46.2 69.2  
79 48.7 46.1 69.1

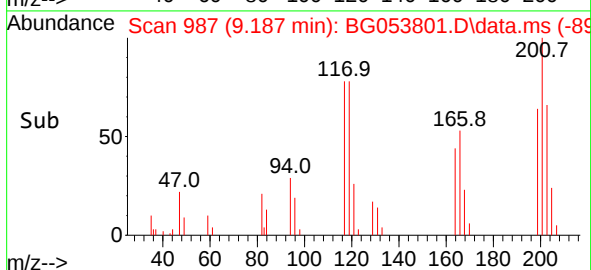
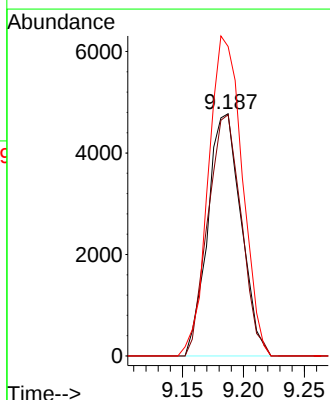
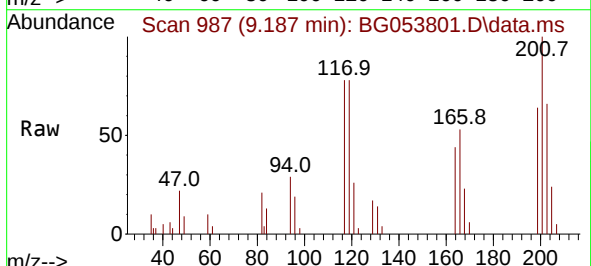
Manual Integrations  
APPROVED

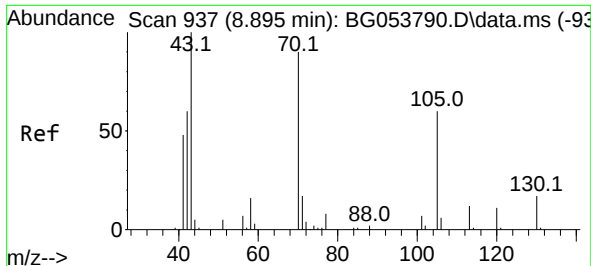
Reviewed By :Christian Giraldo 06/03/2022  
Supervised By :Jagrut Upadhyay 06/03/2022



#18  
Hexachloroethane  
Concen: 49.506 ng  
RT: 9.187 min Scan# 987  
Delta R.T. -0.001 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

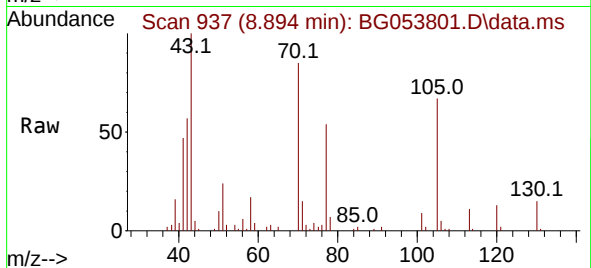
Tgt Ion:117 Resp: 9093  
Ion Ratio Lower Upper  
117 100  
119 99.6 75.0 112.6  
201 127.8 89.0 133.6





#19  
n-Nitroso-di-n-propylamine  
Concen: 67.329 ng  
RT: 8.894 min Scan# 910  
Delta R.T. -0.001 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

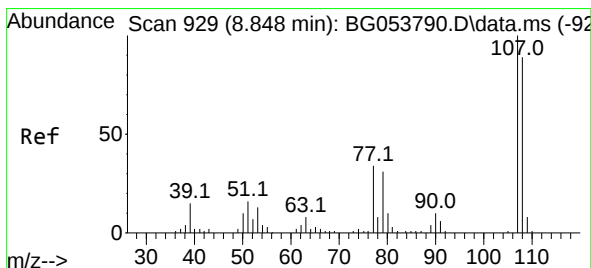
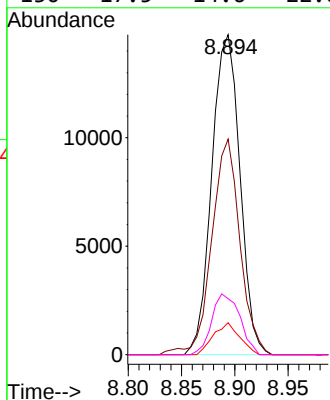
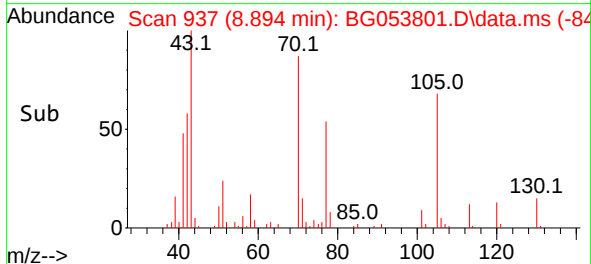
Instrument :  
BNA\_G  
ClientSampleId :  
P033-SS001-1824-01MSD



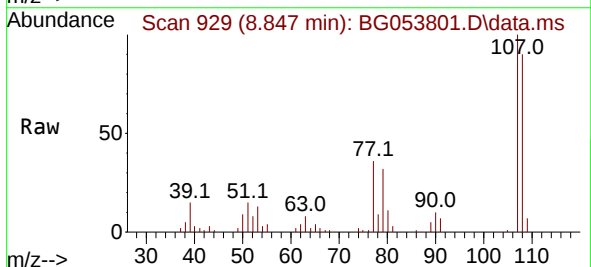
Tgt Ion: 70 Resp: 27068  
Ion Ratio Lower Upper  
70 100  
42 67.4 47.3 70.9  
101 10.0 7.0 10.4  
130 17.5 14.6 22.0

Manual Integrations  
APPROVED

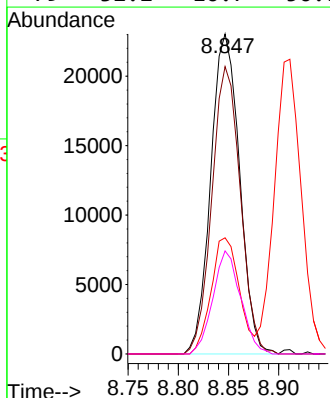
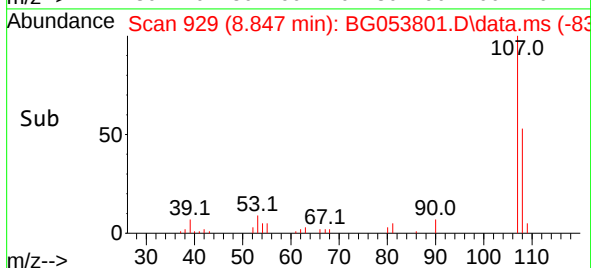
Reviewed By :Christian Giraldo 06/03/2022  
Supervised By :Jagrut Upadhyay 06/03/2022

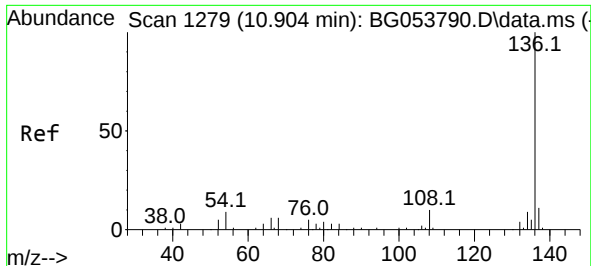


#20  
3+4-Methylphenols  
Concen: 84.242 ng  
RT: 8.847 min Scan# 929  
Delta R.T. -0.001 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37



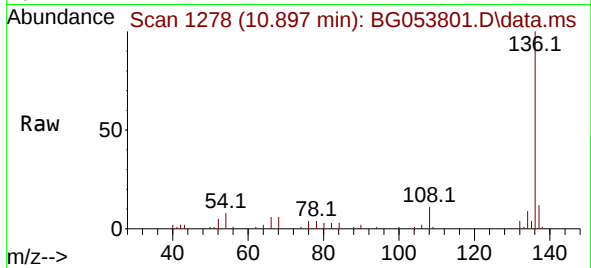
Tgt Ion:107 Resp: 45888  
Ion Ratio Lower Upper  
107 100  
108 89.8 67.5 107.5  
77 36.3 20.3 60.3  
79 32.2 16.7 56.7





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.897 min Scan# 1089  
Delta R.T. -0.007 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

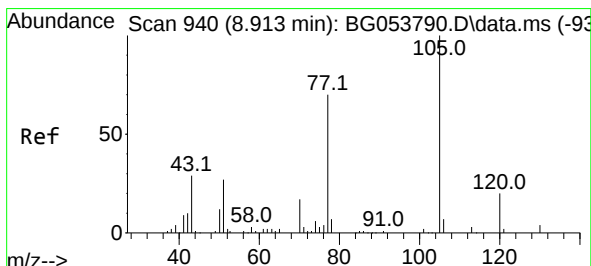
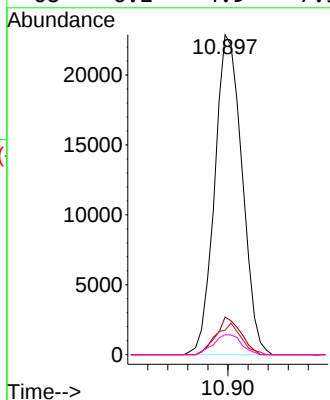
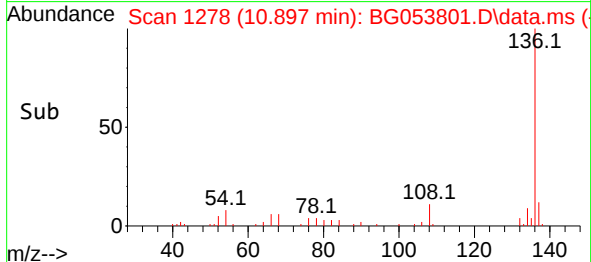
Instrument :  
BNA\_G  
ClientSampleId :  
P033-SS001-1824-01MSD



Tgt Ion:136 Resp: 43279  
Ion Ratio Lower Upper  
136 100  
137 11.8 8.5 12.7  
54 7.6 7.4 11.2  
68 6.2 4.9 7.3

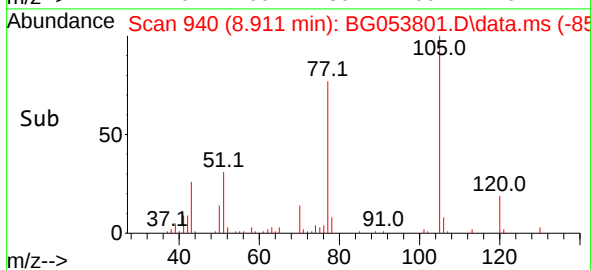
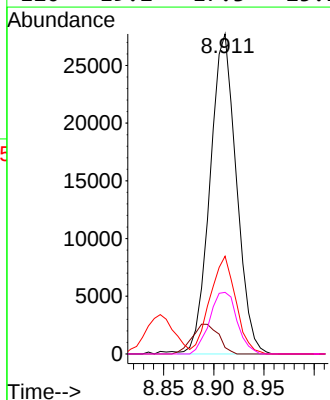
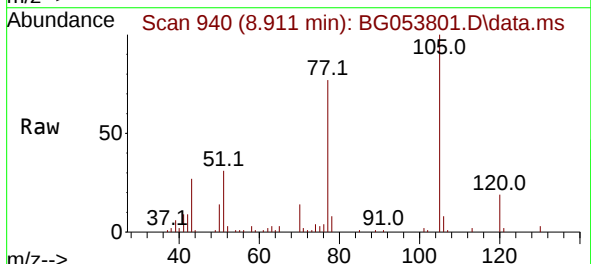
Manual Integrations  
APPROVED

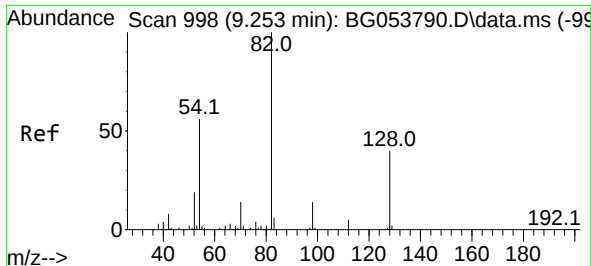
Reviewed By :Christian Giraldo 06/03/2022  
Supervised By :Jagrut Upadhyay 06/03/2022



#22  
Acetophenone  
Concen: 47.252 ng  
RT: 8.911 min Scan# 940  
Delta R.T. -0.002 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

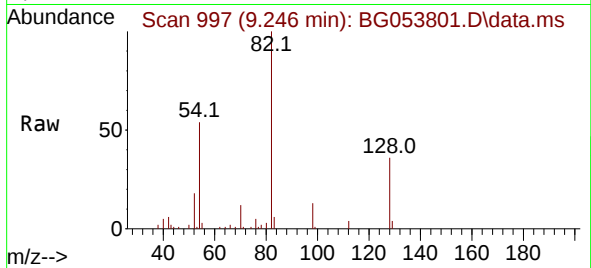
Tgt Ion:105 Resp: 50498  
Ion Ratio Lower Upper  
105 100  
71 2.0 1.1 1.7#  
51 30.6 25.4 38.0  
120 19.2 17.3 25.9





#23  
Nitrobenzene-d5  
Concen: 85.240 ng  
RT: 9.246 min Scan# 998  
Delta R.T. -0.007 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

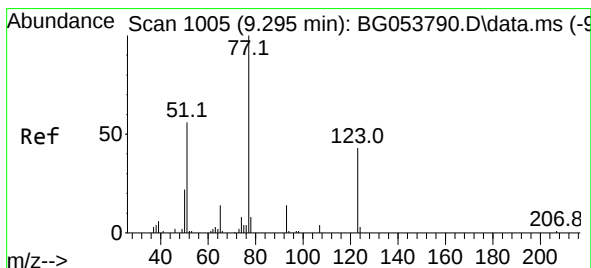
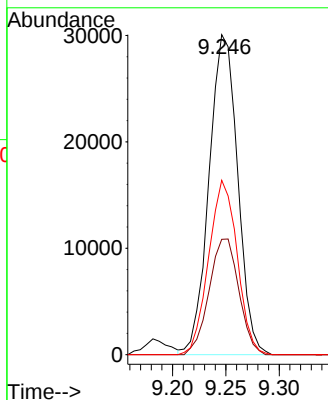
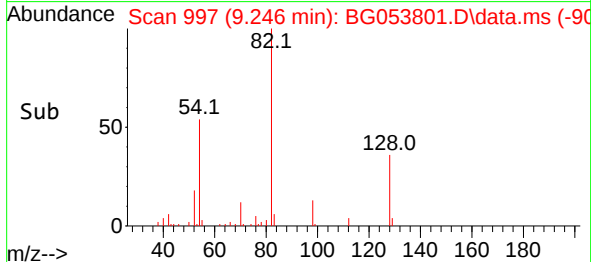
Instrument :  
BNA\_G  
ClientSampleId :  
P033-SS001-1824-01MSD



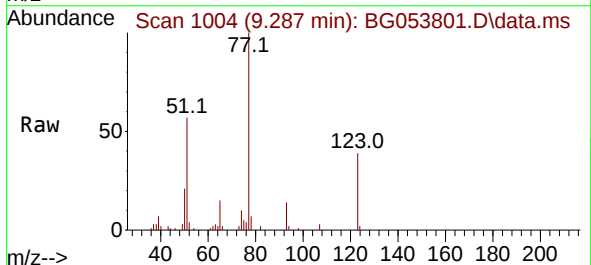
Tgt Ion: 82 Resp: 56178  
Ion Ratio Lower Upper  
82 100  
128 36.0 27.9 41.9  
54 54.5 41.2 61.8

Manual Integrations  
APPROVED

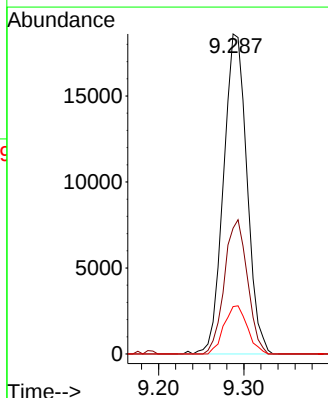
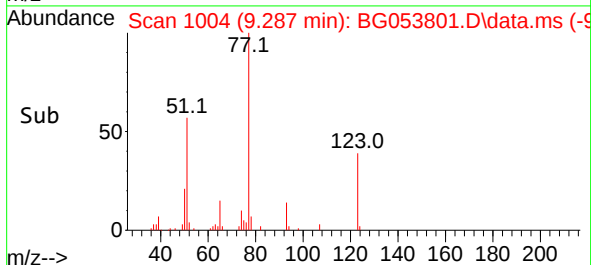
Reviewed By :Christian Giraldo 06/03/2022  
Supervised By :Jagrut Upadhyay 06/03/2022

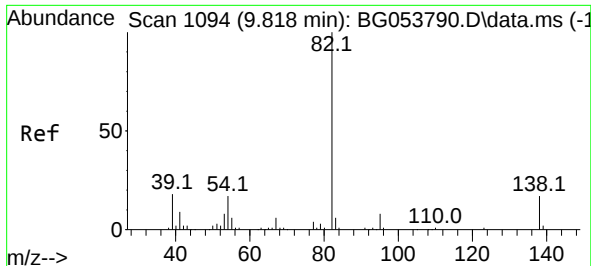


#24  
Nitrobenzene  
Concen: 48.490 ng  
RT: 9.287 min Scan# 1004  
Delta R.T. -0.008 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37



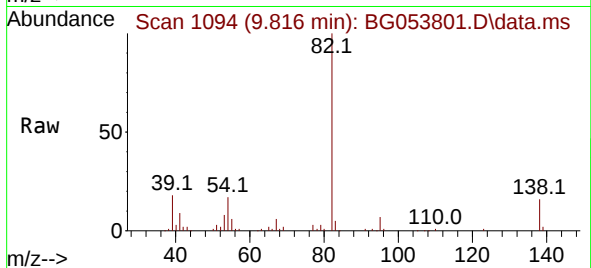
Tgt Ion: 77 Resp: 35543  
Ion Ratio Lower Upper  
77 100  
123 39.3 27.4 41.0  
65 14.8 11.4 17.0





#25  
Isophorone  
Concen: 55.628 ng  
RT: 9.816 min Scan# 1094  
Delta R.T. -0.001 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

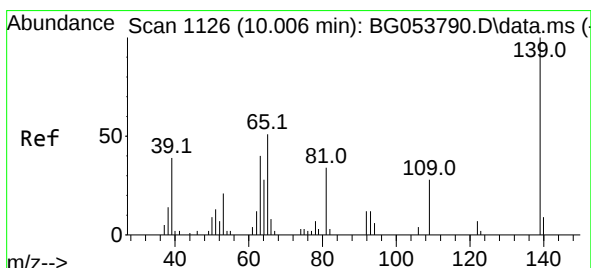
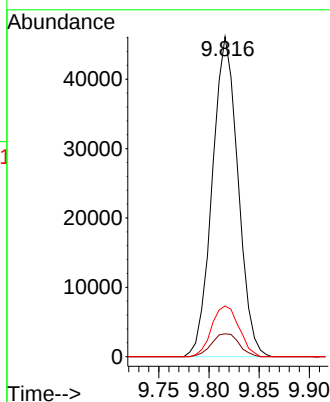
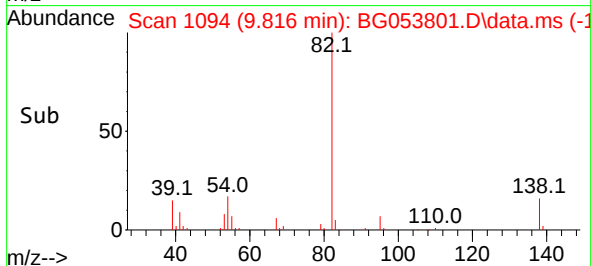
Instrument :  
BNA\_G  
ClientSampleId :  
P033-SS001-1824-01MSD



Tgt Ion: 82 Resp: 8217  
Ion Ratio Lower Upper  
82 100  
95 7.2 6.2 9.4  
138 15.8 11.6 17.4

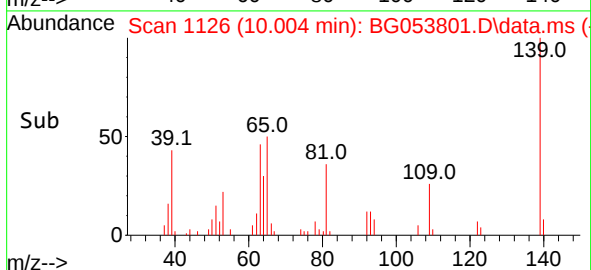
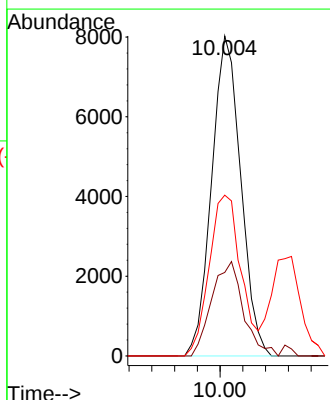
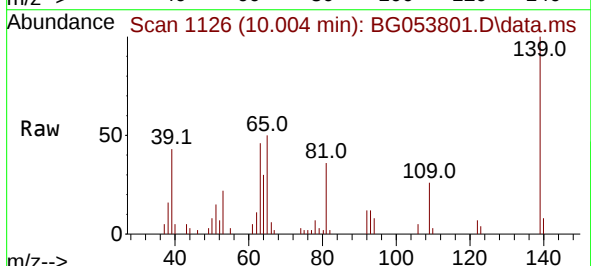
Manual Integrations  
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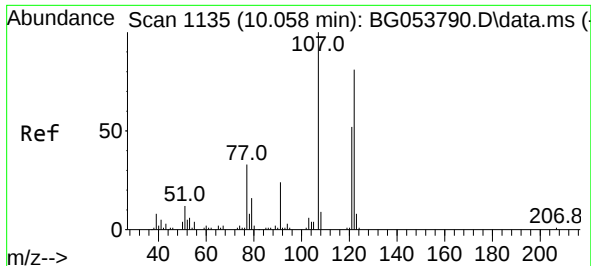
Reviewed By :Christian Giraldo 06/03/2022  
Supervised By :Jagrut Upadhyay 06/03/2022



#26  
2-Nitrophenol  
Concen: 59.000 ng  
RT: 10.004 min Scan# 1126  
Delta R.T. -0.002 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

Tgt Ion:139 Resp: 14242  
Ion Ratio Lower Upper  
139 100  
109 26.1 36.1 54.1#  
65 50.2 55.8 83.6#





#27

2,4-Dimethylphenol

Concen: 73.413 ng

RT: 10.057 min Scan# 1135

Delta R.T. -0.001 min

Lab File: BG053801.D

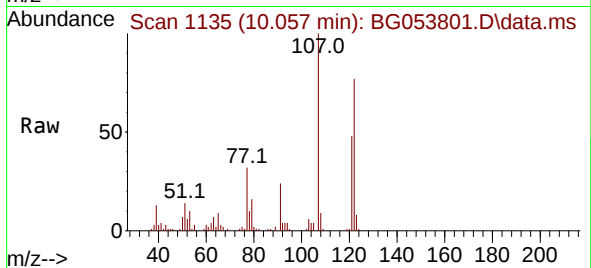
Acq: 2 Jun 2022 21:37

Instrument :

BNA\_G

ClientSampleId :

P033-SS001-1824-01MSD



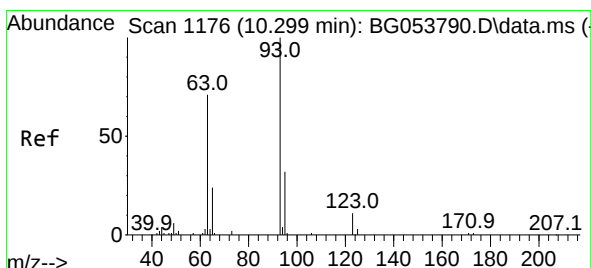
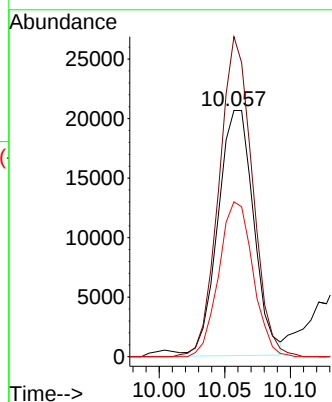
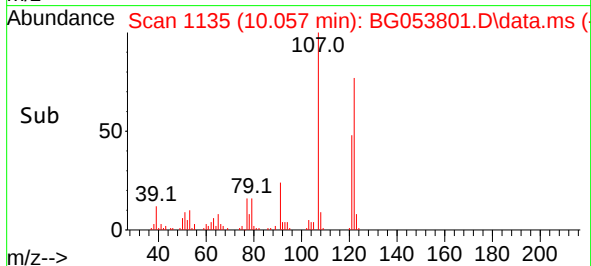
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 122   | Resp: | 3898  |
| Ion      | Ratio | Lower | Upper |
| 122      | 100   |       |       |
| 107      | 130.0 | 109.4 | 164.0 |
| 121      | 62.9  | 48.7  | 73.1  |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/03/2022

Supervised By :Jagrut Upadhyay 06/03/2022



#28

bis(2-Chloroethoxy)methane

Concen: 55.573 ng

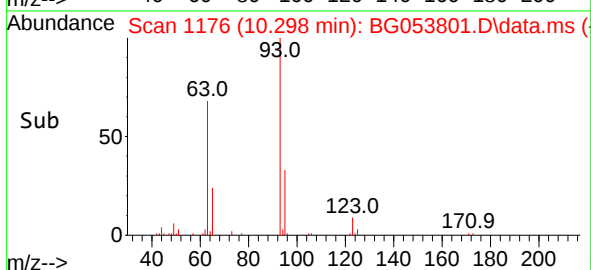
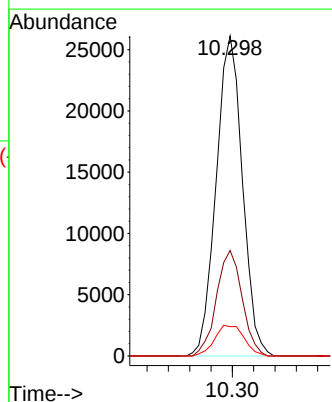
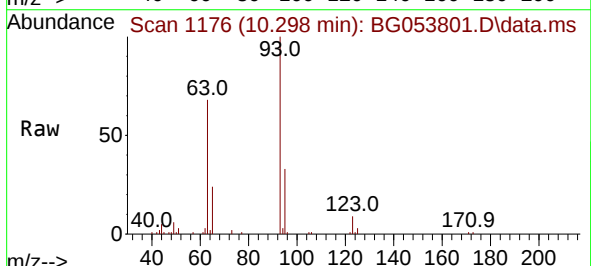
RT: 10.298 min Scan# 1176

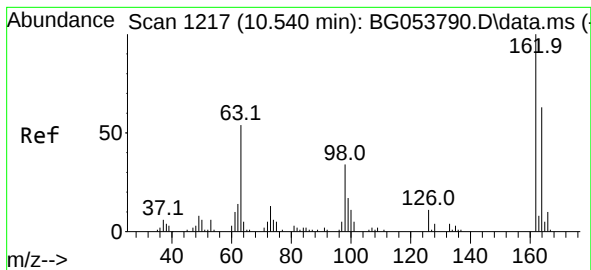
Delta R.T. -0.001 min

Lab File: BG053801.D

Acq: 2 Jun 2022 21:37

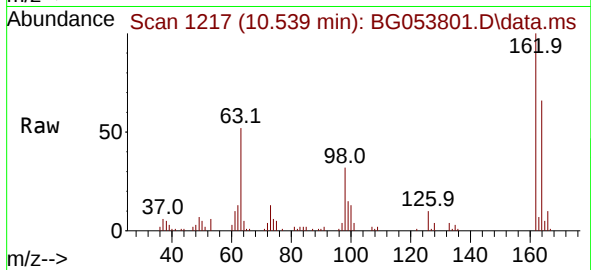
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 44609 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 95       | 33.0  | 26.9  | 40.3  |
| 123      | 9.1   | 7.7   | 11.5  |





#29  
2,4-Dichlorophenol  
Concen: 69.680 ng  
RT: 10.539 min Scan# 1217  
Delta R.T. -0.001 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

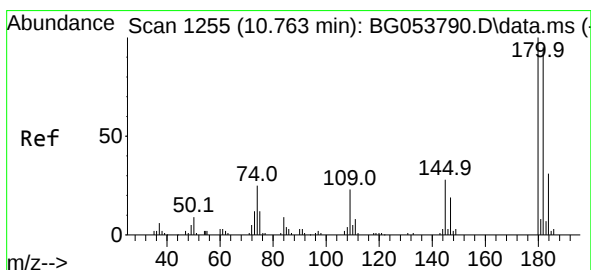
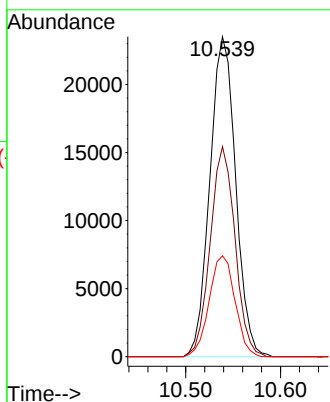
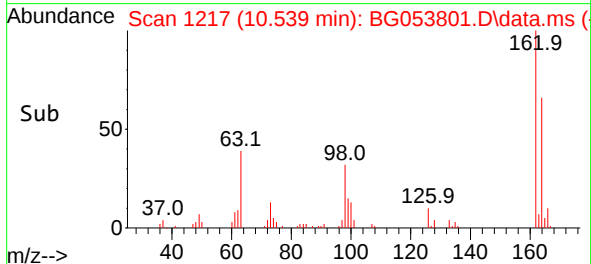
Instrument :  
BNA\_G  
ClientSampleId :  
P033-SS001-1824-01MSD



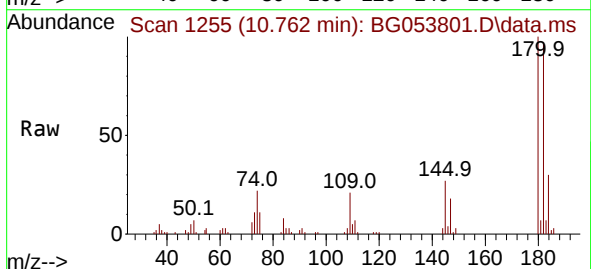
Tgt Ion:162 Resp: 4444  
Ion Ratio Lower Upper  
162 100  
164 65.7 46.6 86.6  
98 31.6 22.8 62.8

Manual Integrations  
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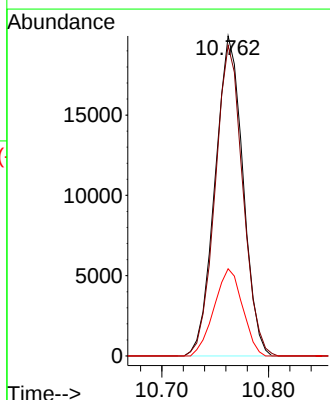
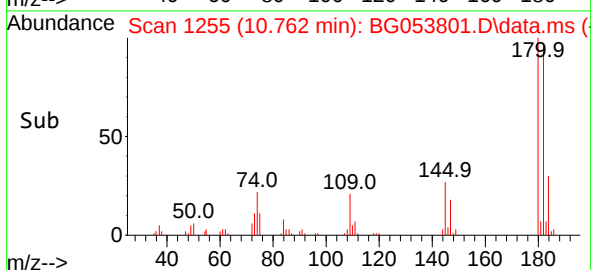
Reviewed By :Christian Giraldo 06/03/2022  
Supervised By :Jagrut Upadhyay 06/03/2022

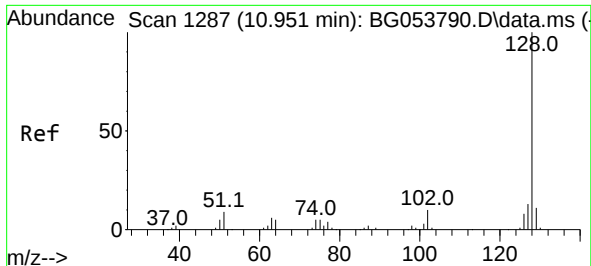


#30  
1,2,4-Trichlorobenzene  
Concen: 44.790 ng  
RT: 10.762 min Scan# 1255  
Delta R.T. -0.001 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37



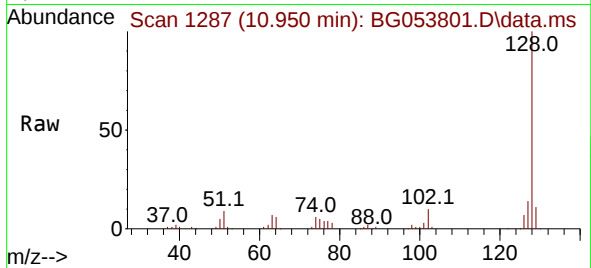
Tgt Ion:180 Resp: 36157  
Ion Ratio Lower Upper  
180 100  
182 97.1 76.6 115.0  
145 27.3 25.0 37.4





#31  
Naphthalene  
Concen: 46.071 ng  
RT: 10.950 min Scan# 1128  
Delta R.T. -0.001 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

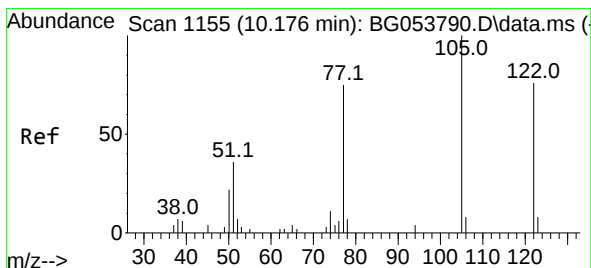
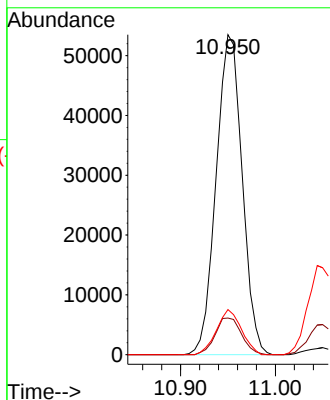
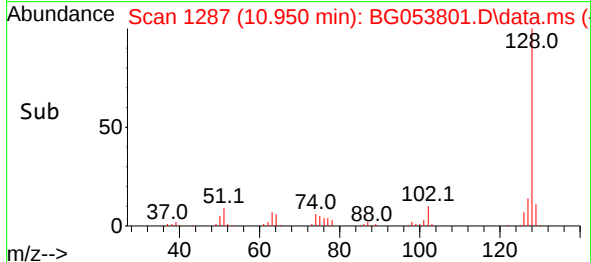
Instrument :  
BNA\_G  
ClientSampleId :  
P033-SS001-1824-01MSD



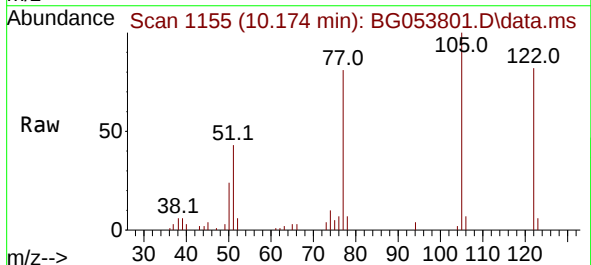
Tgt Ion:128 Resp: 102049  
Ion Ratio Lower Upper  
128 100  
129 11.4 9.0 13.6  
127 14.1 11.1 16.7

Manual Integrations  
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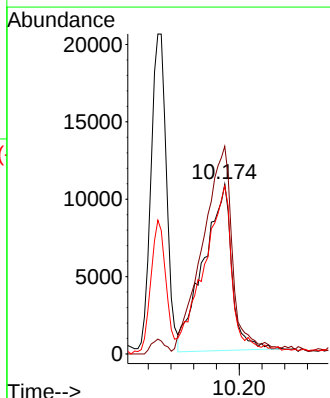
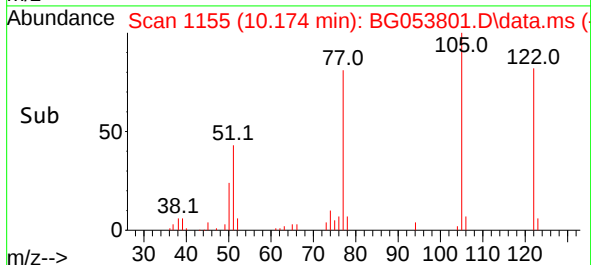
Reviewed By :Christian Giraldo 06/03/2022  
Supervised By :Jagrut Upadhyay 06/03/2022

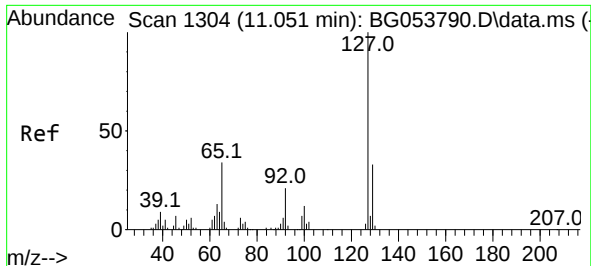


#32  
Benzoic acid  
Concen: 91.289 ng  
RT: 10.174 min Scan# 1155  
Delta R.T. -0.002 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37



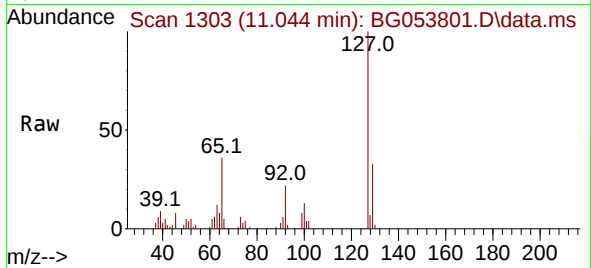
Tgt Ion:122 Resp: 37028  
Ion Ratio Lower Upper  
122 100  
105 122.3 111.8 151.8  
77 99.1 109.4 149.4#





#33  
4-Chloroaniline  
Concen: 31.340 ng  
RT: 11.044 min Scan# 1104  
Delta R.T. -0.007 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

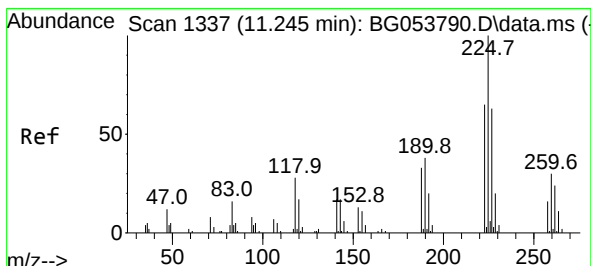
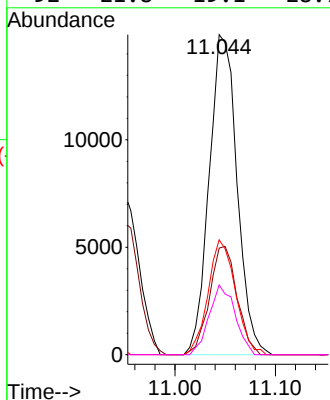
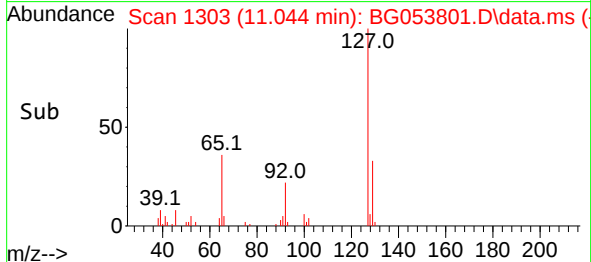
Instrument :  
BNA\_G  
ClientSampleId :  
P033-SS001-1824-01MSD



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 28780 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 33.3  | 26.3  | 39.5  |
| 65        | 35.9  | 31.1  | 46.7  |
| 92        | 21.8  | 19.1  | 28.7  |

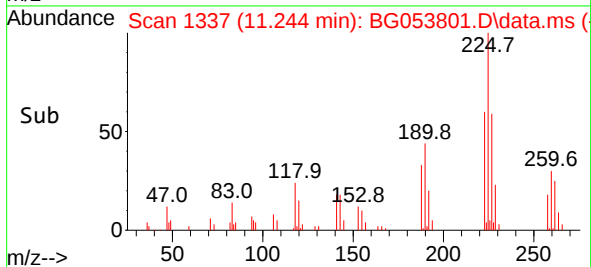
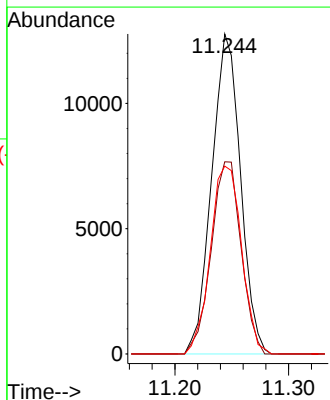
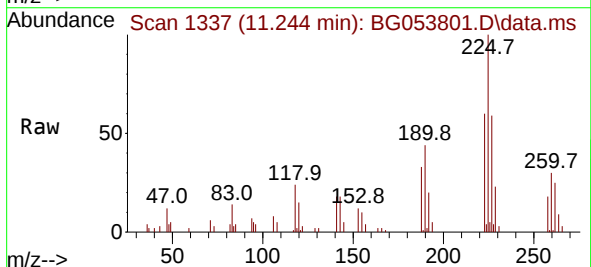
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APPROVED

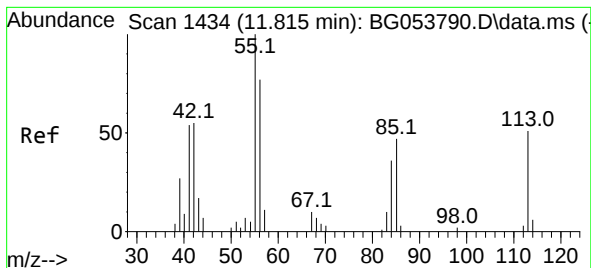
Reviewed By :Christian Giraldo 06/03/2022  
Supervised By :Jagrut Upadhyay 06/03/2022



#34  
Hexachlorobutadiene  
Concen: 39.293 ng  
RT: 11.244 min Scan# 1337  
Delta R.T. -0.001 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

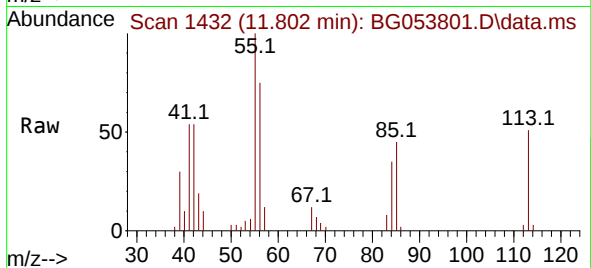
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 22472 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 61.5  | 48.9  | 73.3  |
| 227       | 59.5  | 52.8  | 79.2  |





#35  
Caprolactam  
Concen: 109.310 ng m  
RT: 11.802 min Scan# 1434  
Delta R.T. -0.013 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

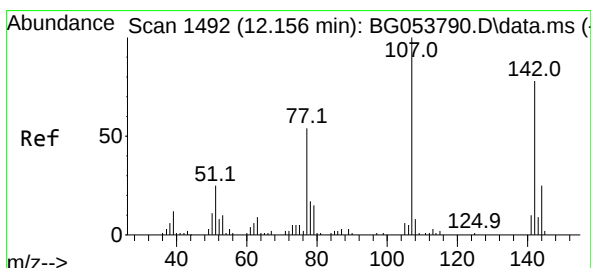
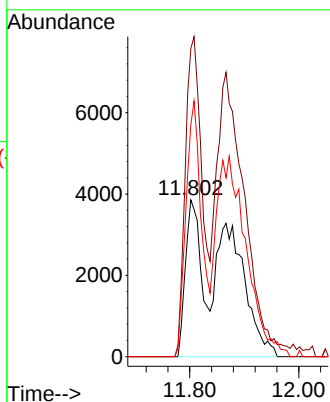
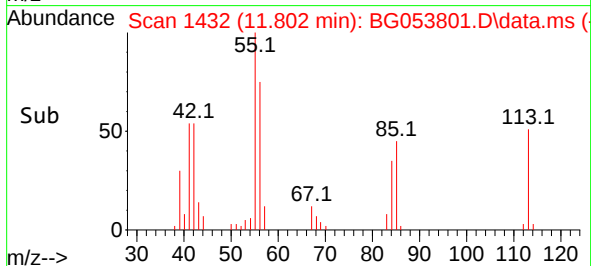
Instrument :  
BNA\_G  
ClientSampleId :  
P033-SS001-1824-01MSD



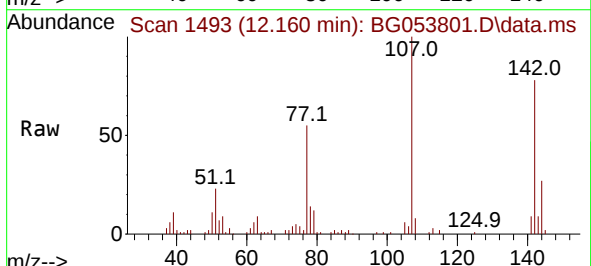
Tgt Ion:113 Resp: 19920  
Ion Ratio Lower Upper  
113 100  
55 196.6 169.8 209.8  
56 148.0 141.2 181.2

Manual Integrations  
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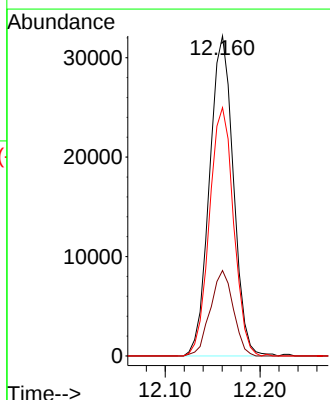
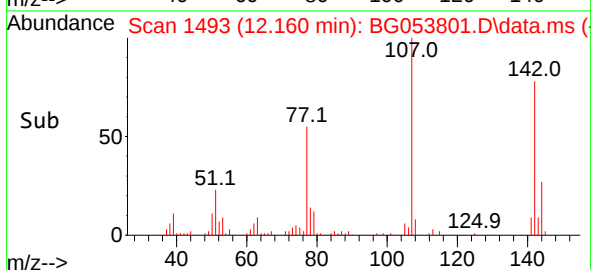
Reviewed By :Christian Giraldo 06/03/2022  
Supervised By :Jagrut Upadhyay 06/03/2022

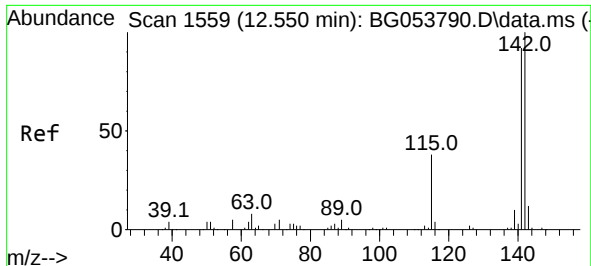


#36  
4-Chloro-3-methylphenol  
Concen: 82.935 ng  
RT: 12.160 min Scan# 1493  
Delta R.T. 0.004 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37



Tgt Ion:107 Resp: 56298  
Ion Ratio Lower Upper  
107 100  
144 26.7 18.5 27.7  
142 77.6 55.0 82.4





#37

2-Methylnaphthalene

Concen: 53.656 ng

RT: 12.548 min Scan# 1559

Delta R.T. -0.001 min

Lab File: BG053801.D

Acq: 2 Jun 2022 21:37

Instrument :

BNA\_G

ClientSampleId :

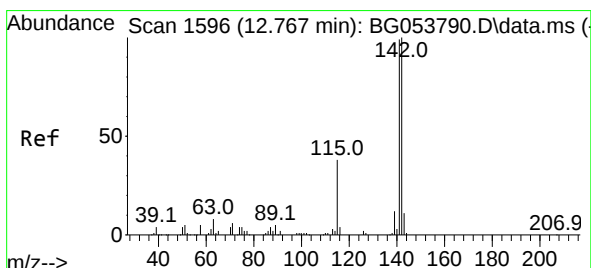
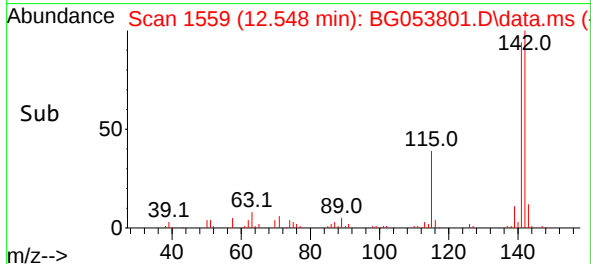
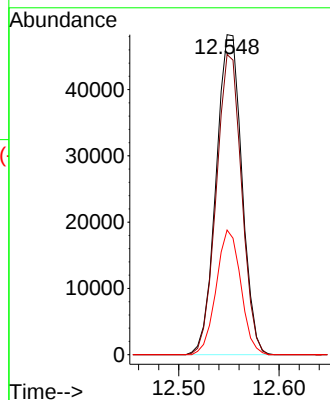
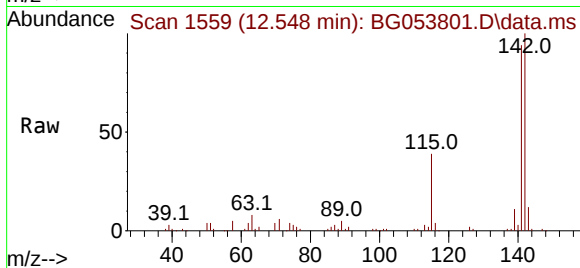
P033-SS001-1824-01MSD

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:142 | Resp: | 86218      |
| Ion Ratio   | Lower | Upper      |
| 142         | 100   |            |
| 141         | 93.8  | 72.3 108.5 |
| 115         | 38.9  | 33.7 50.5  |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 06/03/2022  
Supervised By :Jagrut Upadhyay 06/03/2022



#38

1-Methylnaphthalene

Concen: 54.903 ng

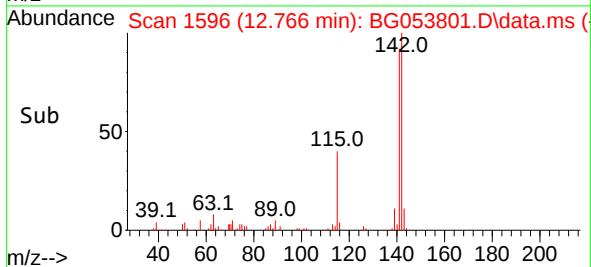
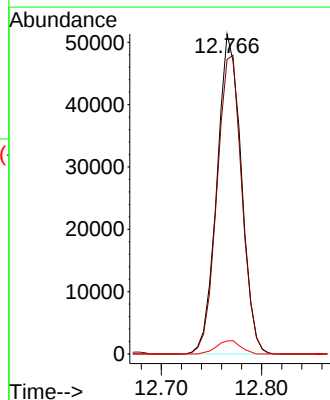
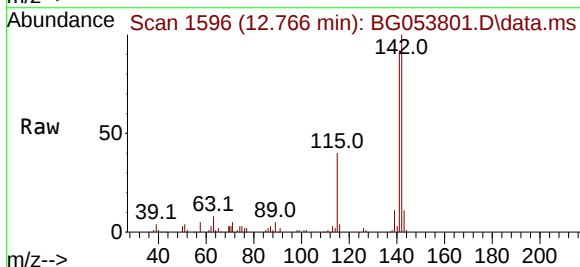
RT: 12.766 min Scan# 1596

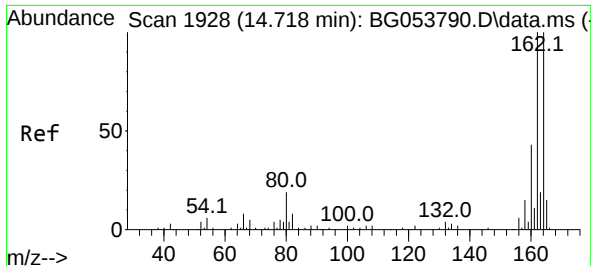
Delta R.T. -0.001 min

Lab File: BG053801.D

Acq: 2 Jun 2022 21:37

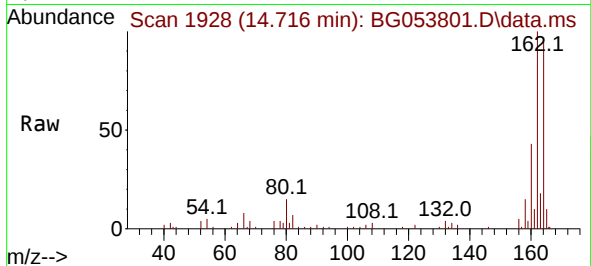
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:142 | Resp: | 86274      |
| Ion Ratio   | Lower | Upper      |
| 142         | 100   |            |
| 141         | 92.1  | 76.4 114.6 |
| 116         | 4.0   | 3.3 4.9    |





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.716 min Scan# 1928  
Delta R.T. -0.002 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

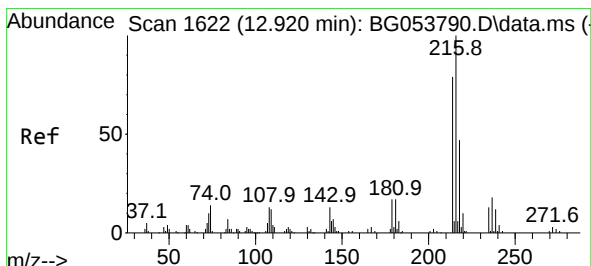
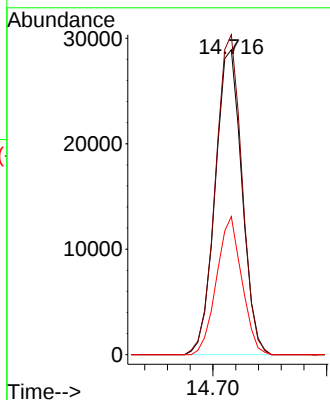
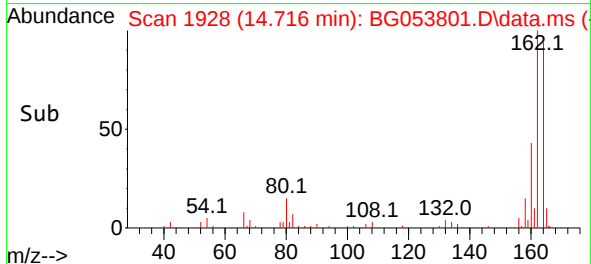
Instrument :  
BNA\_G  
ClientSampleId :  
P033-SS001-1824-01MSD



Tgt Ion:164 Resp: 4721  
Ion Ratio Lower Upper  
164 100  
162 104.9 82.3 123.5  
160 45.3 34.2 51.2

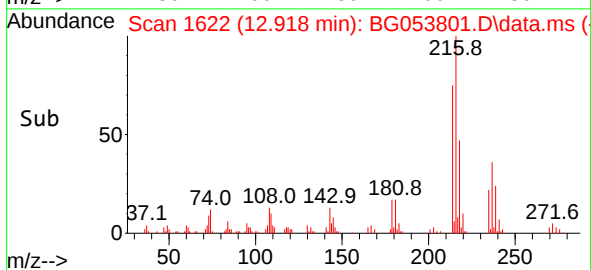
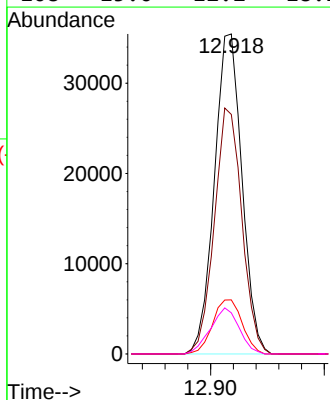
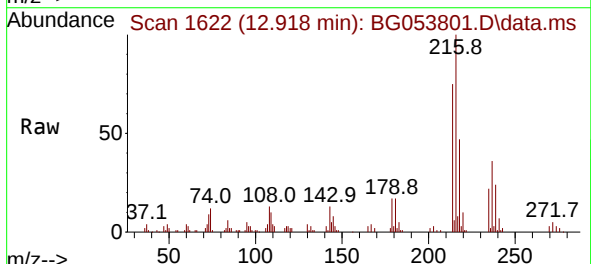
Manual Integrations  
APPROVED

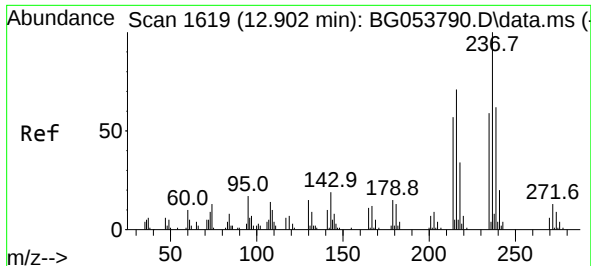
Reviewed By :Christian Giraldo 06/03/2022  
Supervised By :Jagrut Upadhyay 06/03/2022



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 37.701 ng  
RT: 12.918 min Scan# 1622  
Delta R.T. -0.001 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

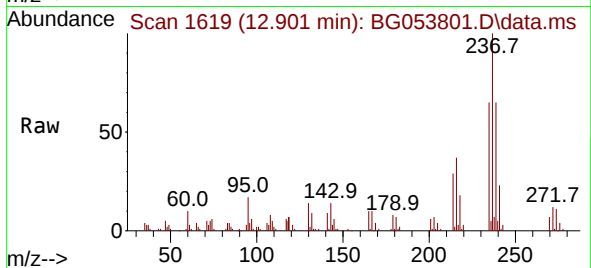
Tgt Ion:216 Resp: 59769  
Ion Ratio Lower Upper  
216 100  
214 76.6 62.9 94.3  
179 18.1 16.1 24.1  
108 15.0 12.2 18.2





#41  
Hexachlorocyclopentadiene  
Concen: 75.916 ng  
RT: 12.901 min Scan# 1619  
Delta R.T. -0.001 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

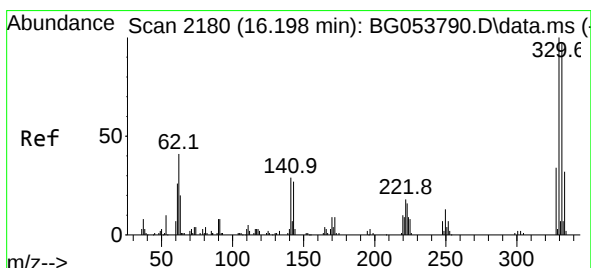
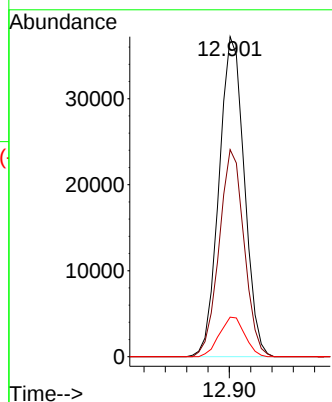
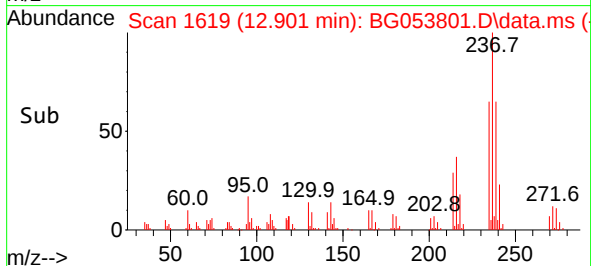
Instrument :  
BNA\_G  
ClientSampleId :  
P033-SS001-1824-01MSD



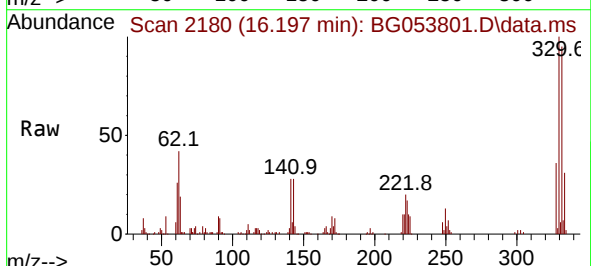
Tgt Ion:237 Resp: 6117  
Ion Ratio Lower Upper  
237 100  
235 64.7 43.5 83.5  
272 12.3 0.0 30.1

Manual Integrations  
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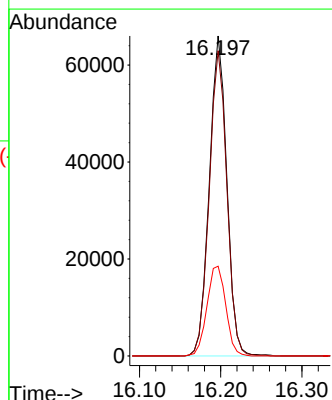
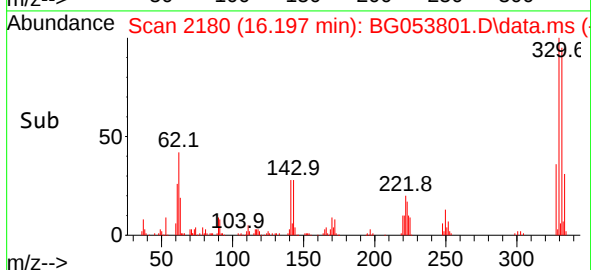
Reviewed By :Christian Giraldo 06/03/2022  
Supervised By :Jagrut Upadhyay 06/03/2022

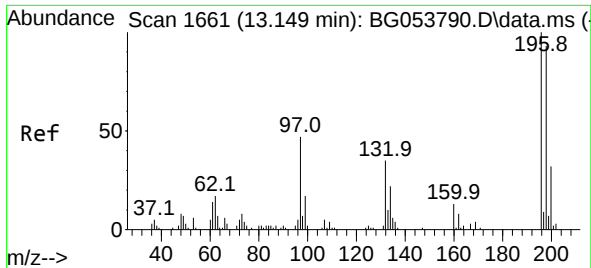


#42  
2,4,6-Tribromophenol  
Concen: 172.051 ng  
RT: 16.197 min Scan# 2180  
Delta R.T. -0.001 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37



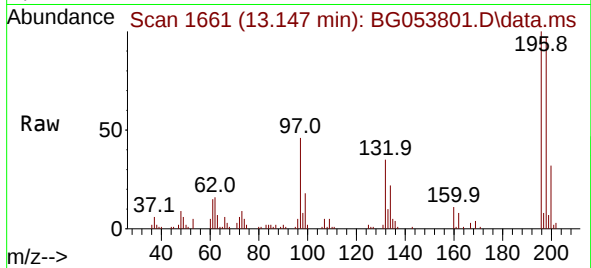
Tgt Ion:330 Resp: 98598  
Ion Ratio Lower Upper  
330 100  
332 96.1 76.0 114.0  
141 30.1 27.1 40.7





#43  
2,4,6-Trichlorophenol  
Concen: 55.539 ng  
RT: 13.147 min Scan# 1661  
Delta R.T. -0.002 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

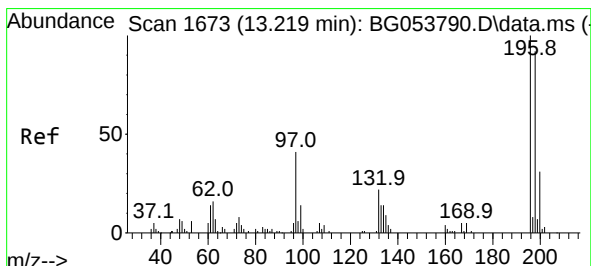
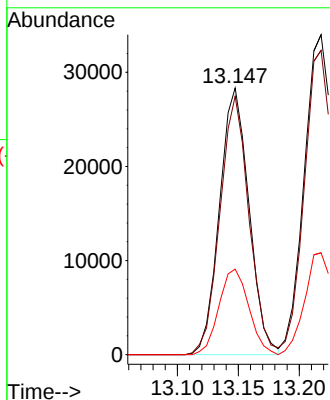
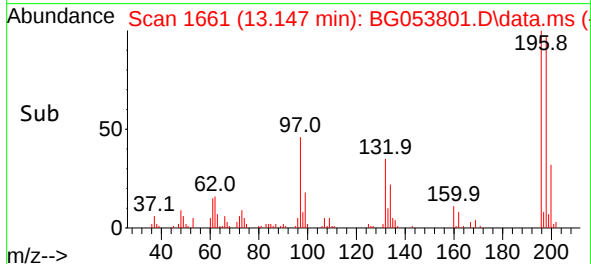
Instrument :  
BNA\_G  
ClientSampleId :  
P033-SS001-1824-01MSD



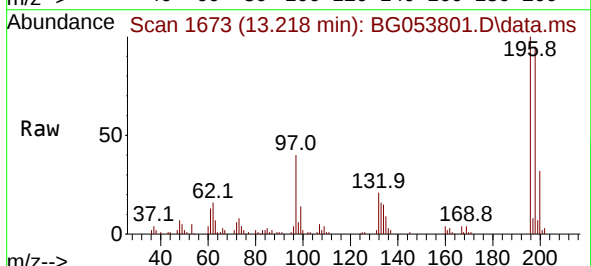
Tgt Ion:196 Resp: 47752  
Ion Ratio Lower Upper  
196 100  
198 96.9 74.1 111.1  
200 32.1 24.7 37.1

Manual Integrations  
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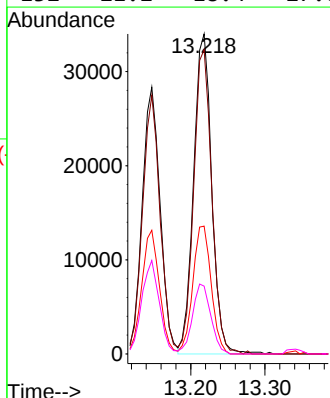
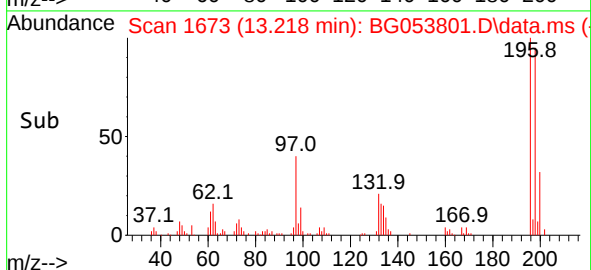
Reviewed By :Christian Giraldo 06/03/2022  
Supervised By :Jagrut Upadhyay 06/03/2022

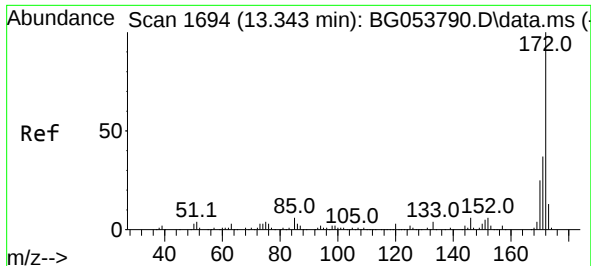


#44  
2,4,5-Trichlorophenol  
Concen: 60.394 ng  
RT: 13.218 min Scan# 1673  
Delta R.T. -0.001 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37



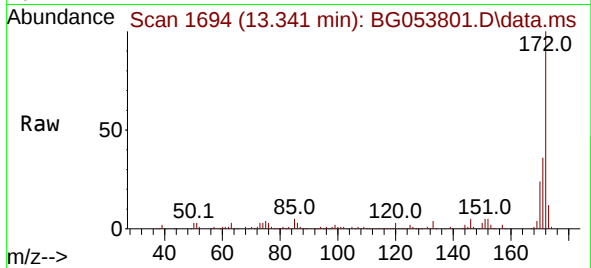
Tgt Ion:196 Resp: 57775  
Ion Ratio Lower Upper  
196 100  
198 95.1 76.8 115.2  
97 39.9 39.8 59.6  
132 21.2 18.4 27.6





#45  
2-Fluorobiphenyl  
Concen: 62.486 ng  
RT: 13.341 min Scan# 1694  
Delta R.T. -0.002 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

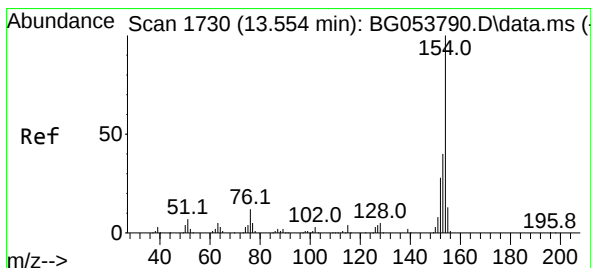
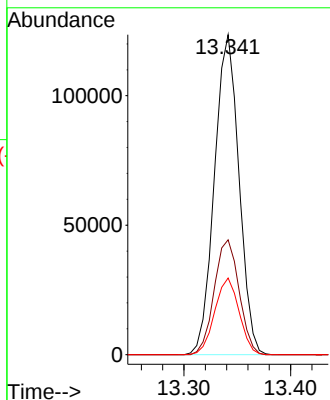
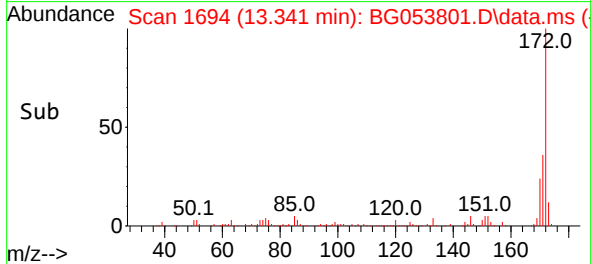
Instrument :  
BNA\_G  
ClientSampleId :  
P033-SS001-1824-01MSD



Tgt Ion:172 Resp: 19719  
Ion Ratio Lower Upper  
172 100  
171 35.9 28.5 42.7  
170 23.9 18.9 28.3

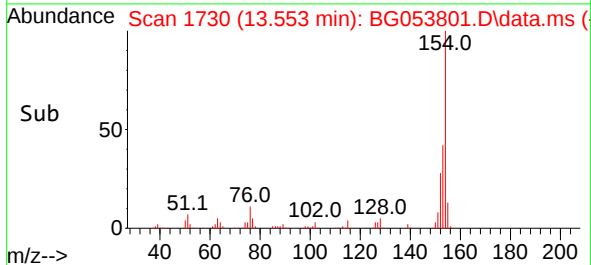
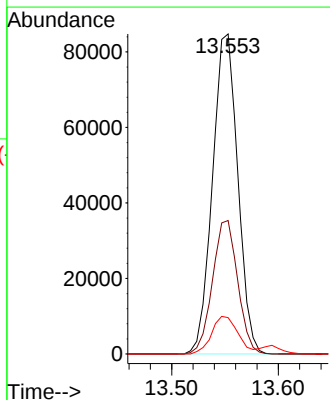
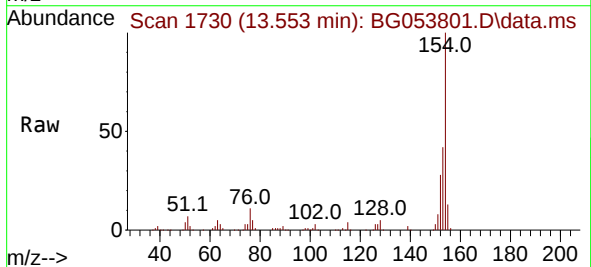
Manual Integrations  
APPROVED

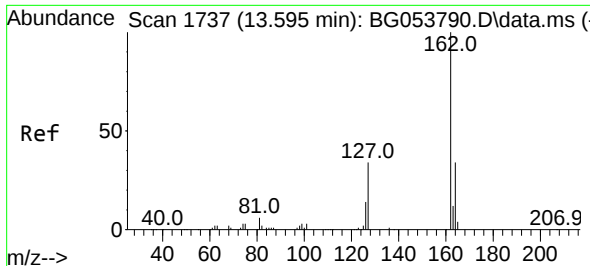
Reviewed By :Christian Giraldo 06/03/2022  
Supervised By :Jagrut Upadhyay 06/03/2022



#46  
1,1'-Biphenyl  
Concen: 41.419 ng  
RT: 13.553 min Scan# 1730  
Delta R.T. -0.001 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

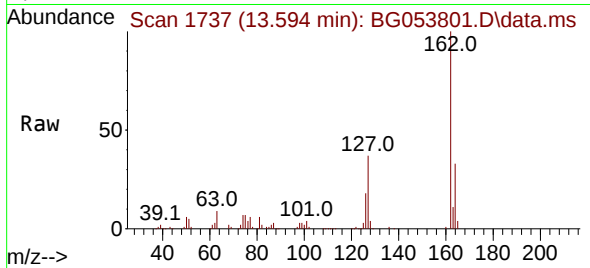
Tgt Ion:154 Resp: 139361  
Ion Ratio Lower Upper  
154 100  
153 41.7 21.6 61.6  
76 11.4 0.0 32.6





#47  
2-Chloronaphthalene  
Concen: 41.788 ng  
RT: 13.594 min Scan# 1737  
Delta R.T. -0.001 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

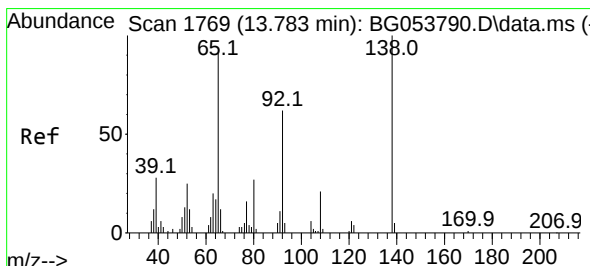
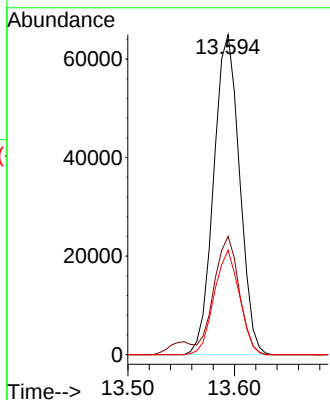
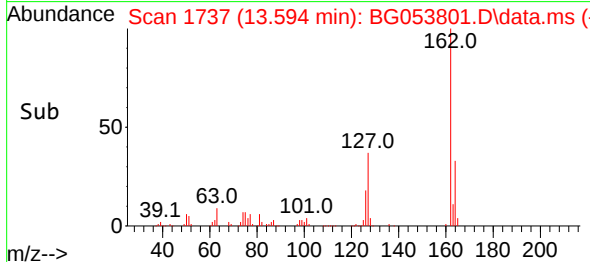
Instrument :  
BNA\_G  
ClientSampleId :  
P033-SS001-1824-01MSD



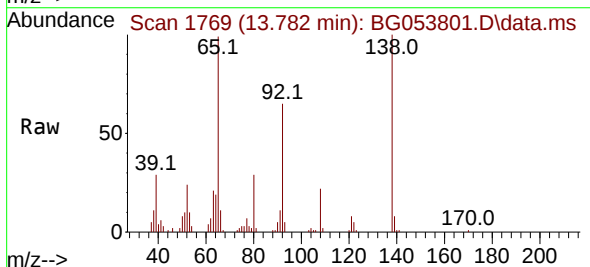
Tgt Ion:162 Resp: 109380  
Ion Ratio Lower Upper  
162 100  
127 37.0 30.6 45.8  
164 32.7 26.5 39.7

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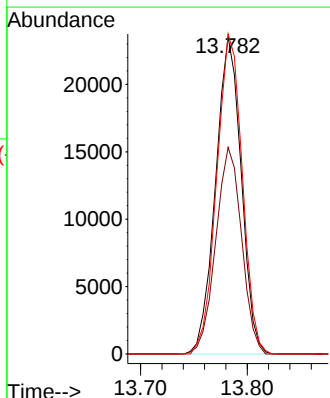
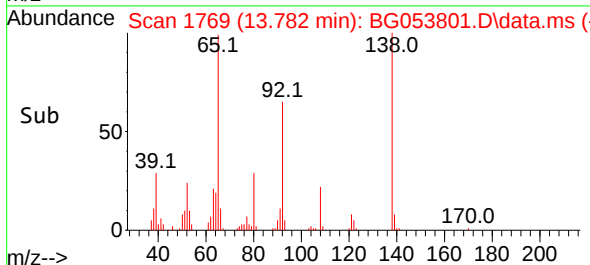
Reviewed By :Christian Giraldo 06/03/2022  
Supervised By :Jagrut Upadhyay 06/03/2022

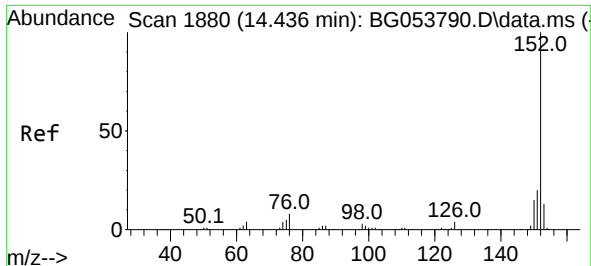


#48  
2-Nitroaniline  
Concen: 57.761 ng  
RT: 13.782 min Scan# 1769  
Delta R.T. -0.001 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37



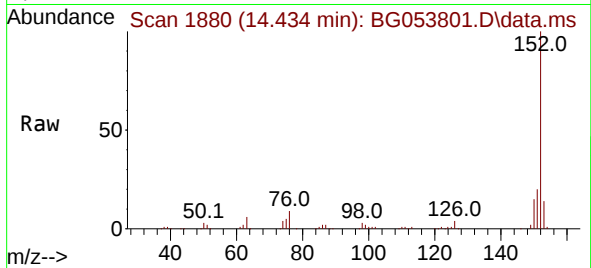
Tgt Ion: 65 Resp: 39227  
Ion Ratio Lower Upper  
65 100  
92 65.1 51.5 77.3  
138 100.9 71.3 106.9





#49  
Acenaphthylene  
Concen: 49.433 ng  
RT: 14.434 min Scan# 1880  
Delta R.T. -0.001 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

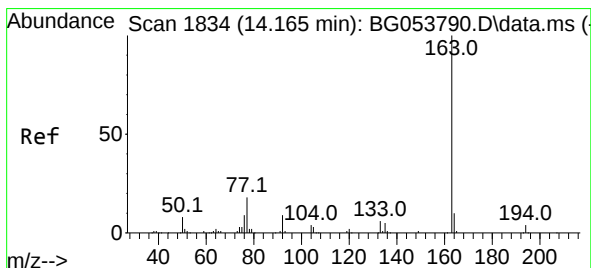
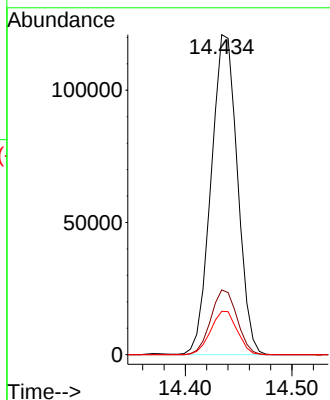
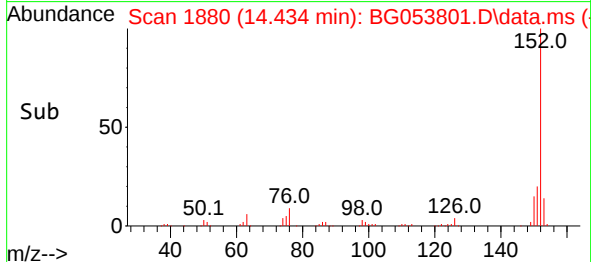
Instrument :  
BNA\_G  
ClientSampleId :  
P033-SS001-1824-01MSD



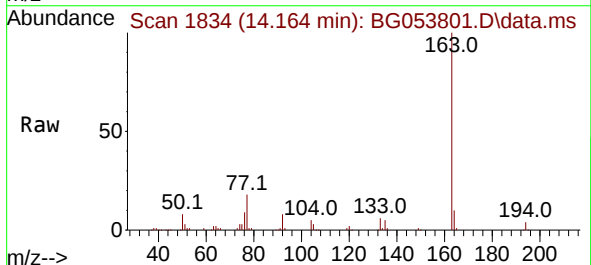
Tgt Ion:152 Resp: 207590  
Ion Ratio Lower Upper  
152 100  
151 20.3 16.4 24.6  
153 13.6 10.8 16.2

Manual Integrations  
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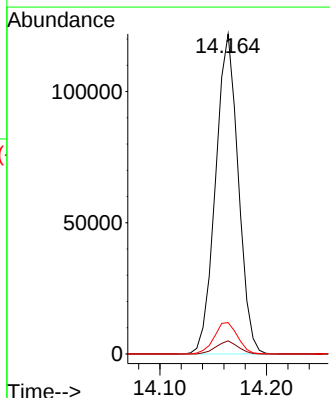
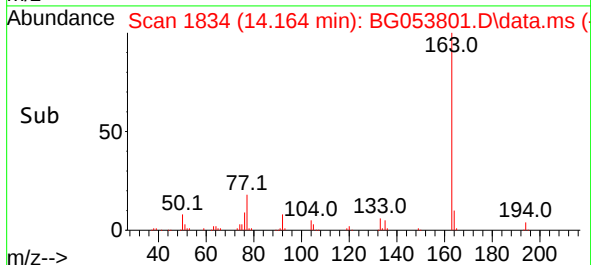
Reviewed By :Christian Giraldo 06/03/2022  
Supervised By :Jagrut Upadhyay 06/03/2022

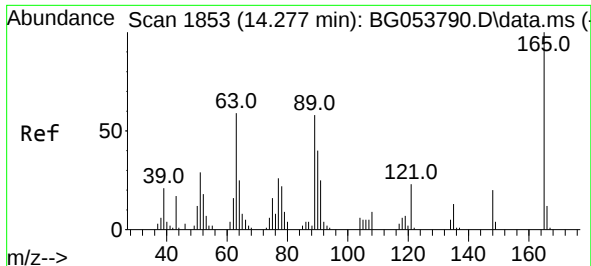


#50  
Dimethylphthalate  
Concen: 52.013 ng  
RT: 14.164 min Scan# 1834  
Delta R.T. -0.001 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37



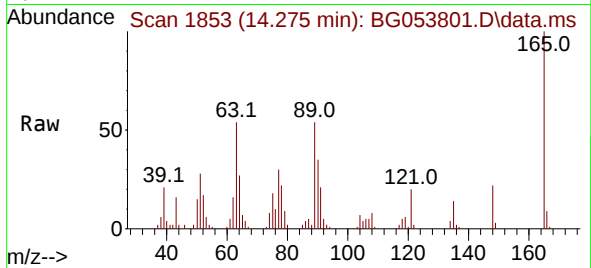
Tgt Ion:163 Resp: 179956  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.0 4.6  
164 9.8 8.0 12.0





#51  
2,6-Dinitrotoluene  
Concen: 57.974 ng  
RT: 14.275 min Scan# 1853  
Delta R.T. -0.002 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

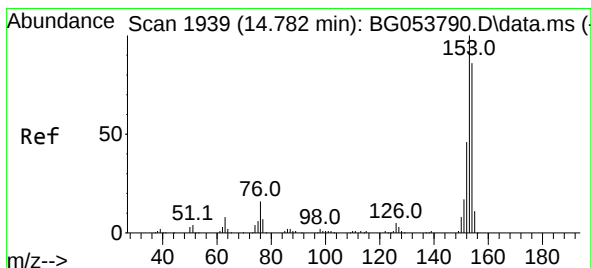
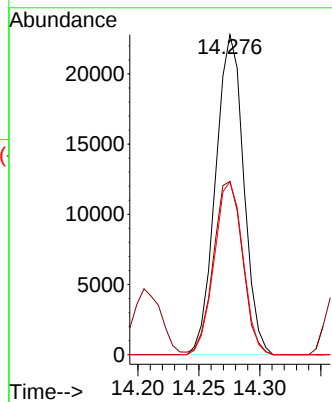
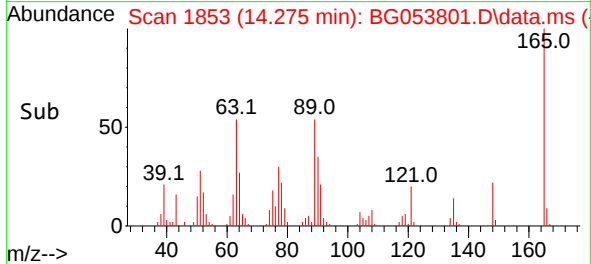
Instrument :  
BNA\_G  
ClientSampleId :  
P033-SS001-1824-01MSD



Tgt Ion:165 Resp: 36512  
Ion Ratio Lower Upper  
165 100  
63 54.1 54.1 81.1  
89 54.1 54.8 82.2

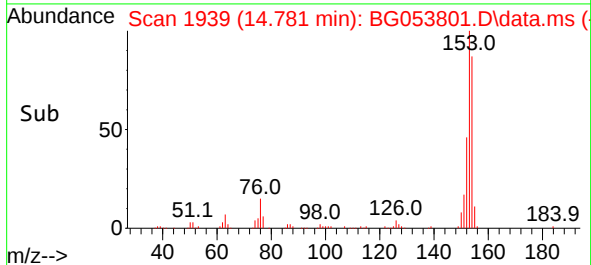
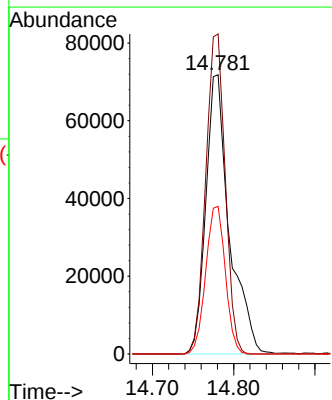
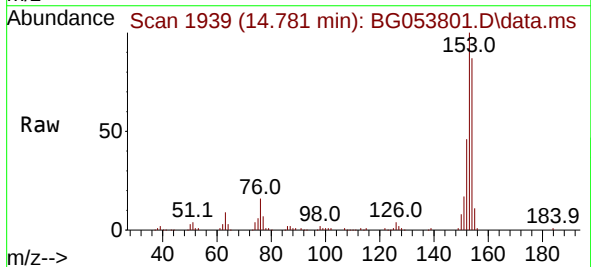
Manual Integrations  
APPROVED

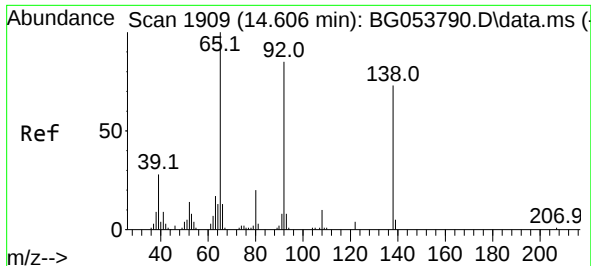
Reviewed By :Christian Giraldo 06/03/2022  
Supervised By :Jagrut Upadhyay 06/03/2022



#52  
Acenaphthene  
Concen: 54.233 ng  
RT: 14.781 min Scan# 1939  
Delta R.T. -0.001 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

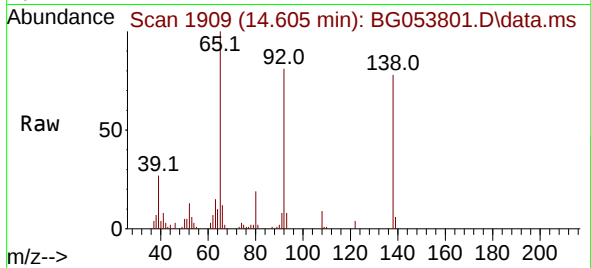
Tgt Ion:154 Resp: 144693  
Ion Ratio Lower Upper  
154 100  
153 114.6 92.7 139.1  
152 52.9 42.6 64.0





#53  
3-Nitroaniline  
Concen: 40.230 ng  
RT: 14.605 min Scan# 1909  
Delta R.T. -0.001 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

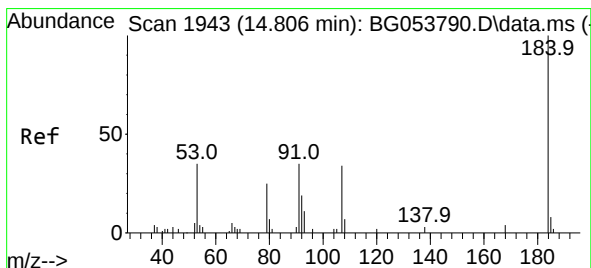
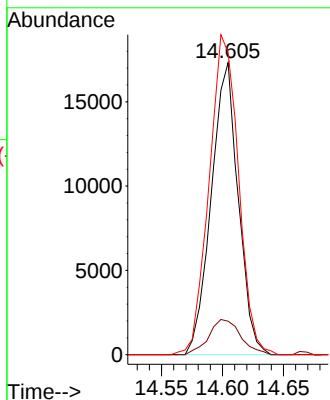
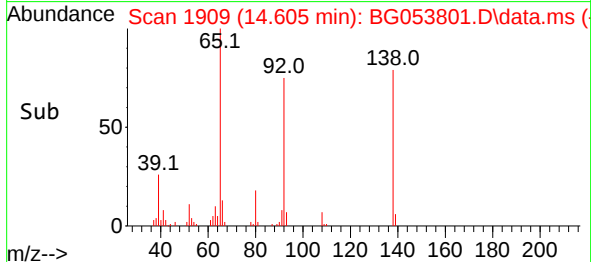
Instrument :  
BNA\_G  
ClientSampleId :  
P033-SS001-1824-01MSD



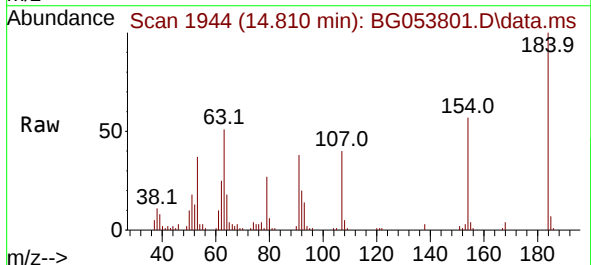
Tgt Ion:138 Resp: 26659  
Ion Ratio Lower Upper  
138 100  
108 11.4 9.2 13.8  
92 103.4 101.9 152.9

Manual Integrations  
APPROVED

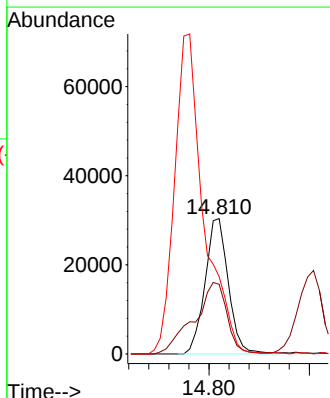
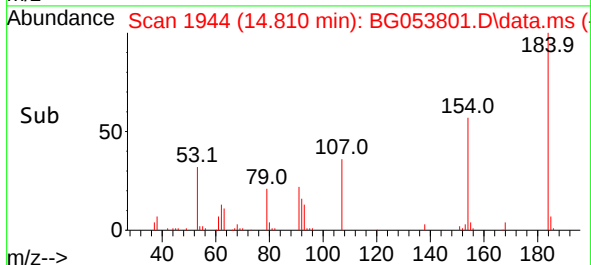
Reviewed By :Christian Giraldo 06/03/2022  
Supervised By :Jagrut Upadhyay 06/03/2022

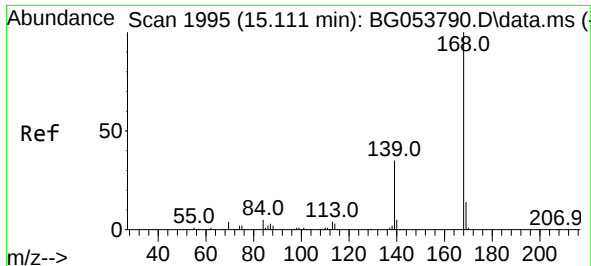


#54  
2,4-Dinitrophenol  
Concen: 155.510 ng  
RT: 14.810 min Scan# 1944  
Delta R.T. 0.004 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37



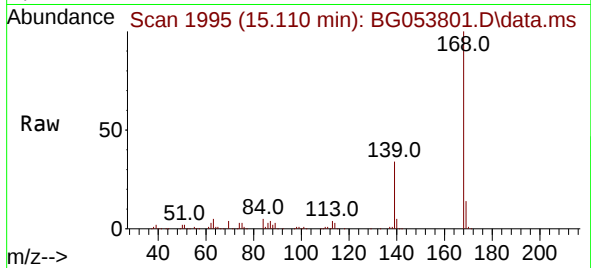
Tgt Ion:184 Resp: 49063  
Ion Ratio Lower Upper  
184 100  
63 51.5 61.1 91.7#  
154 57.1 60.6 91.0#





#55  
Dibenzofuran  
Concen: 49.450 ng  
RT: 15.110 min Scan# 1995  
Delta R.T. -0.001 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

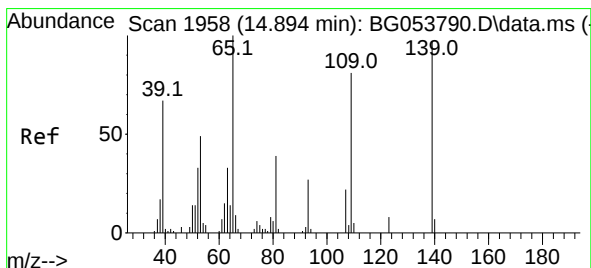
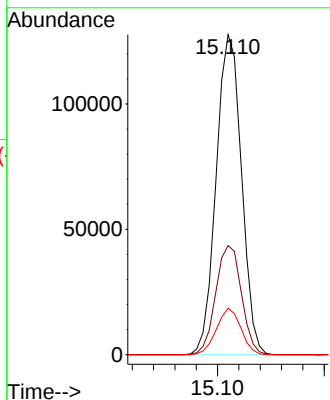
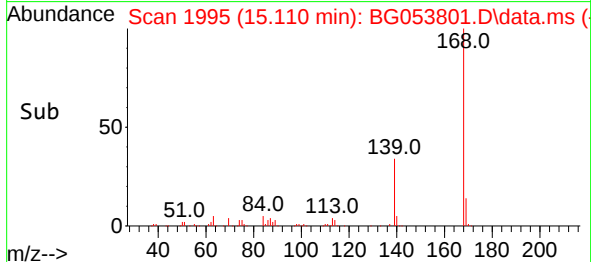
Instrument :  
BNA\_G  
ClientSampleId :  
P033-SS001-1824-01MSD



Tgt Ion:168 Resp: 210318  
Ion Ratio Lower Upper  
168 100  
139 34.1 30.5 45.7  
169 14.5 10.3 15.5

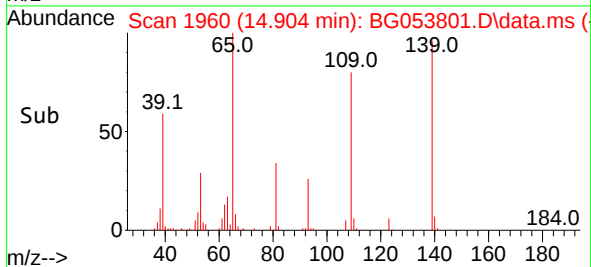
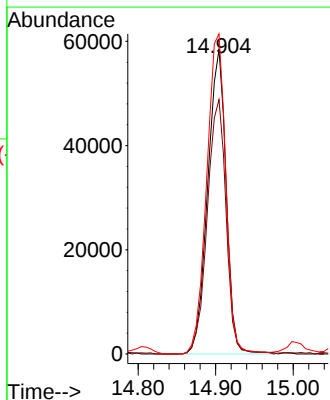
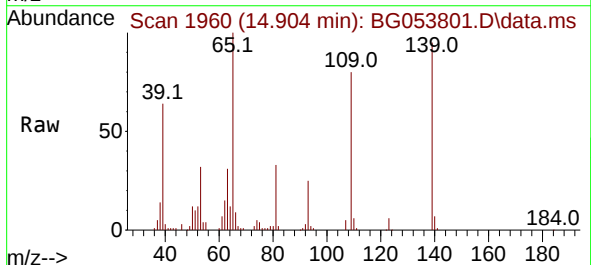
Manual Integrations  
APPROVED

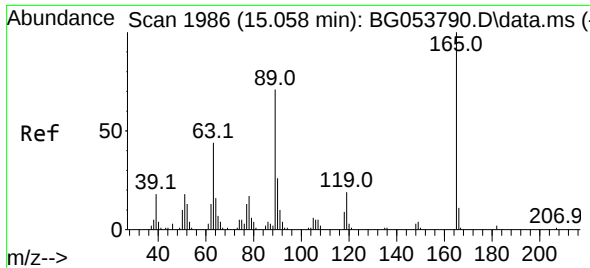
Reviewed By :Christian Giraldo 06/03/2022  
Supervised By :Jagrut Upadhyay 06/03/2022



#56  
4-Nitrophenol  
Concen: 169.207 ng  
RT: 14.904 min Scan# 1960  
Delta R.T. 0.010 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

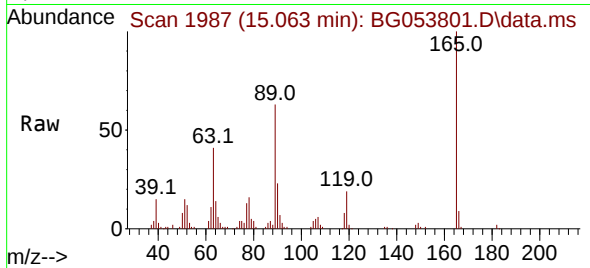
Tgt Ion:139 Resp: 96369  
Ion Ratio Lower Upper  
139 100  
109 83.5 88.5 128.5#  
65 105.0 93.9 133.9





#57  
2,4-Dinitrotoluene  
Concen: 67.907 ng  
RT: 15.063 min Scan# 1986  
Delta R.T. 0.005 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

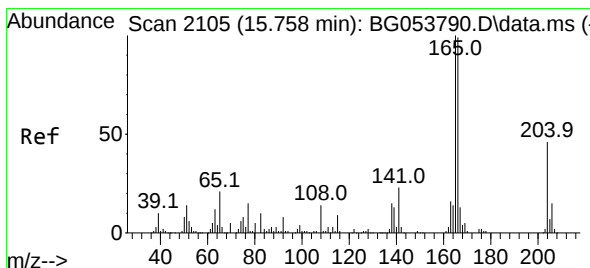
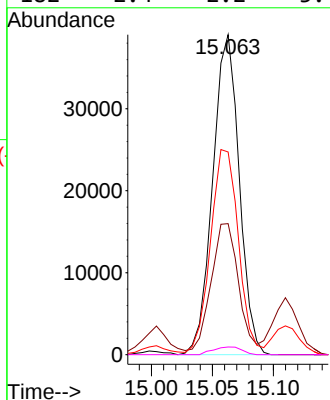
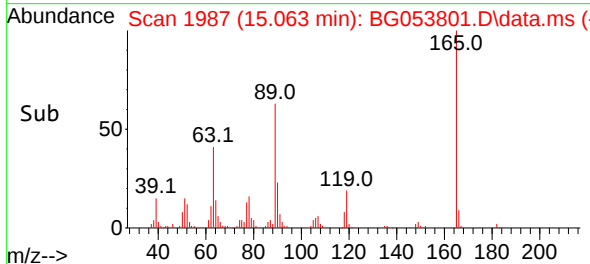
Instrument :  
BNA\_G  
ClientSampleId :  
P033-SS001-1824-01MSD



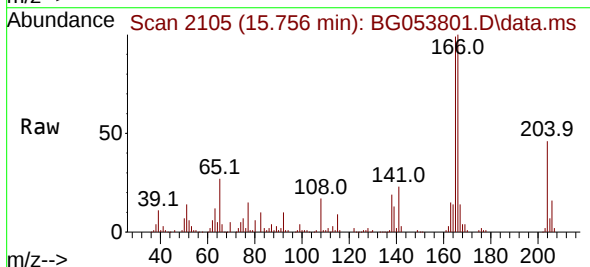
Tgt Ion:165 Resp: 5903  
Ion Ratio Lower Upper  
165 100  
63 41.0 34.6 52.0  
89 63.3 60.3 90.5  
182 2.4 2.2 3.4

Manual Integrations  
APPROVED

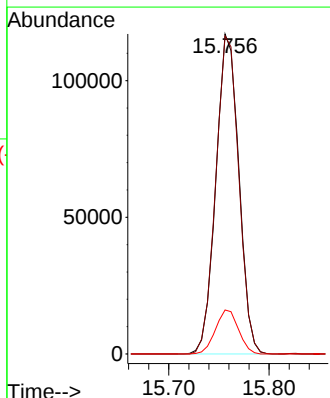
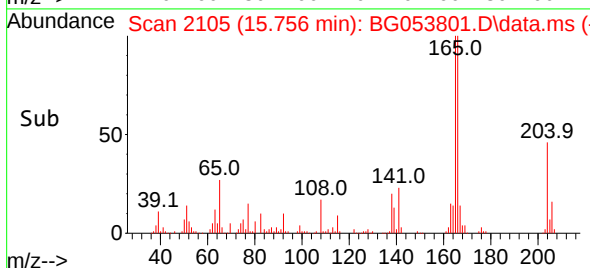
Reviewed By :Christian Giraldo 06/03/2022  
Supervised By :Jagrut Upadhyay 06/03/2022

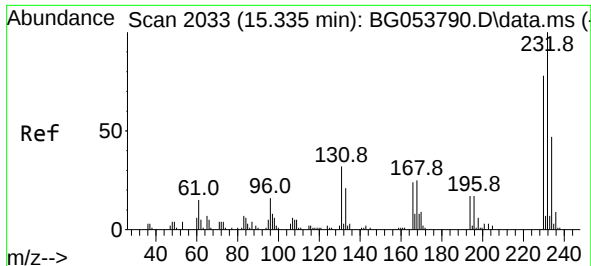


#58  
Fluorene  
Concen: 52.739 ng  
RT: 15.756 min Scan# 2105  
Delta R.T. -0.001 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37



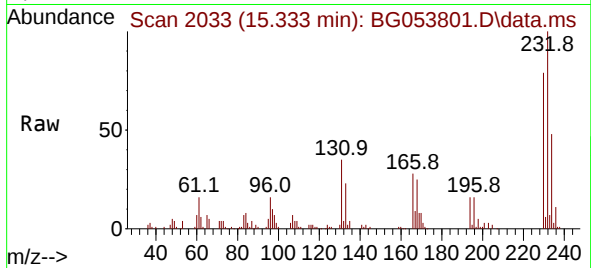
Tgt Ion:166 Resp: 185723  
Ion Ratio Lower Upper  
166 100  
165 99.4 75.0 112.6  
167 13.8 10.8 16.2





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 61.847 ng  
RT: 15.333 min Scan# 2033  
Delta R.T. -0.002 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

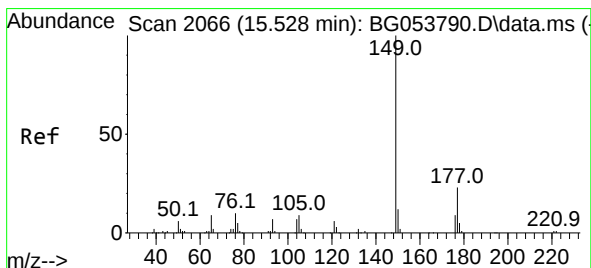
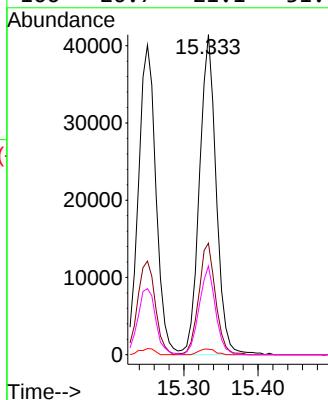
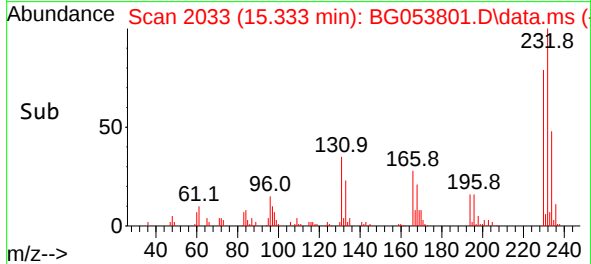
Instrument :  
BNA\_G  
ClientSampleId :  
P033-SS001-1824-01MSD



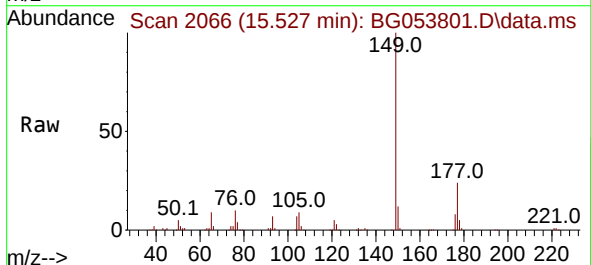
Tgt Ion:232 Resp: 65052  
Ion Ratio Lower Upper  
232 100  
131 35.0 30.6 46.0  
130 1.7 1.8 2.8  
166 26.7 21.1 31.7

Manual Integrations  
APPROVED

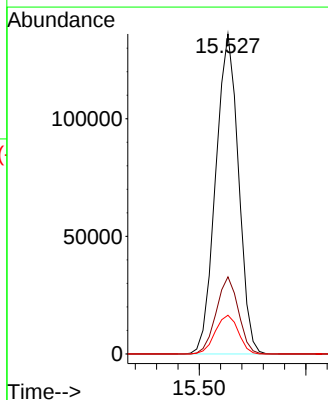
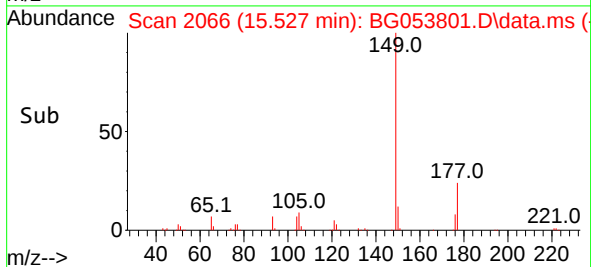
Reviewed By :Christian Giraldo 06/03/2022  
Supervised By :Jagrut Upadhyay 06/03/2022

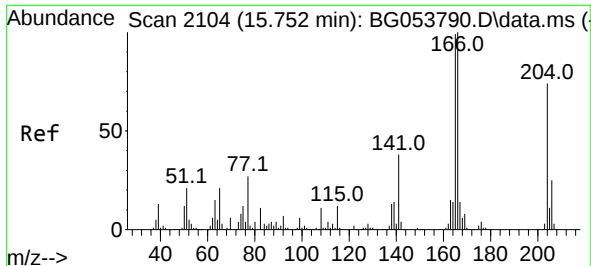


#60  
Diethylphthalate  
Concen: 57.576 ng  
RT: 15.527 min Scan# 2066  
Delta R.T. -0.001 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37



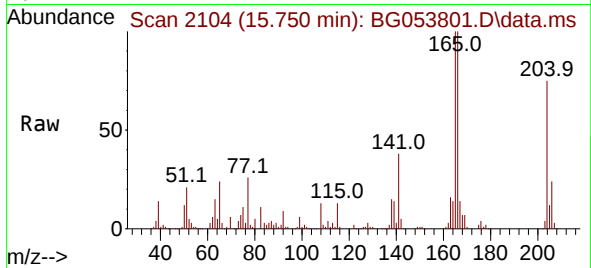
Tgt Ion:149 Resp: 201748  
Ion Ratio Lower Upper  
149 100  
177 24.1 18.4 27.6  
150 12.1 11.2 16.8





#61  
4-Chlorophenyl-phenylether  
Concen: 52.328 ng  
RT: 15.750 min Scan# 2104  
Delta R.T. -0.001 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

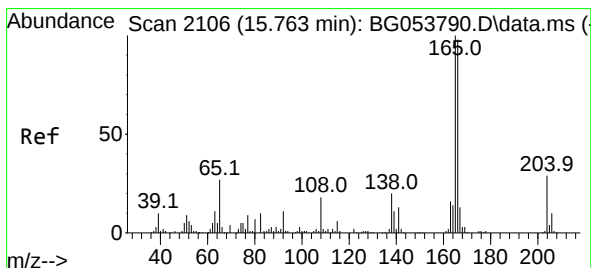
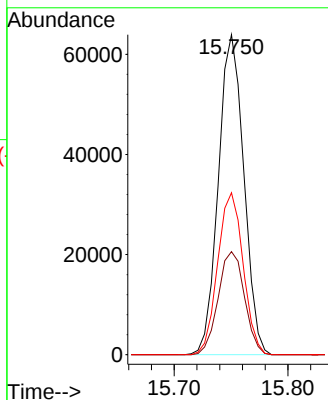
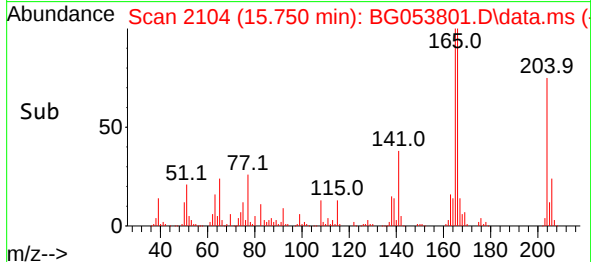
Instrument :  
BNA\_G  
ClientSampleId :  
P033-SS001-1824-01MSD



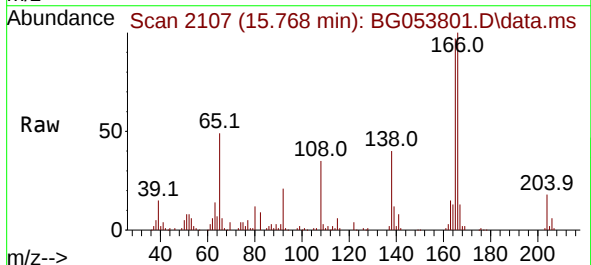
Tgt Ion:204 Resp: 99344  
Ion Ratio Lower Upper  
204 100  
206 32.2 27.5 41.3  
141 50.6 45.3 67.9

Manual Integrations  
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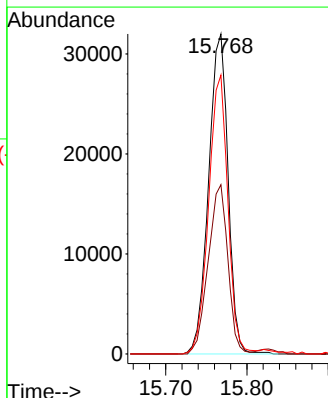
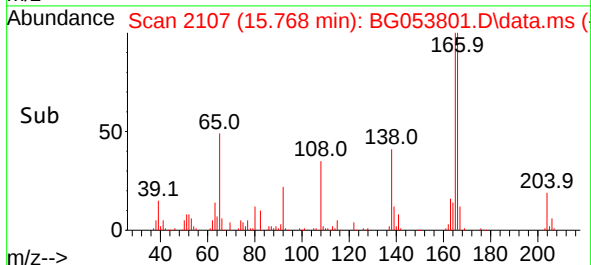
Reviewed By :Christian Giraldo 06/03/2022  
Supervised By :Jagrut Upadhyay 06/03/2022



#62  
4-Nitroaniline  
Concen: 72.100 ng  
RT: 15.768 min Scan# 2107  
Delta R.T. 0.005 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37



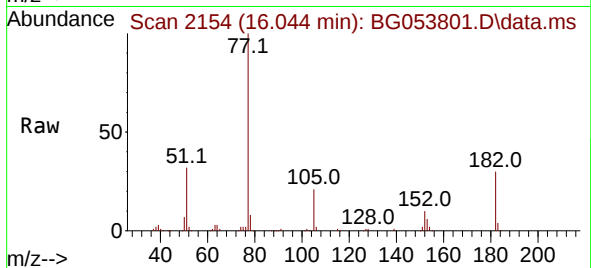
Tgt Ion:138 Resp: 53283  
Ion Ratio Lower Upper  
138 100  
92 52.9 40.5 80.5  
108 87.1 103.7 143.7#





#63  
Azobenzene  
Concen: 53.381 ng  
RT: 16.044 min Scan# 2154  
Delta R.T. -0.001 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

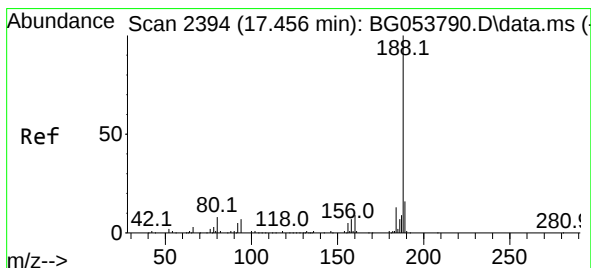
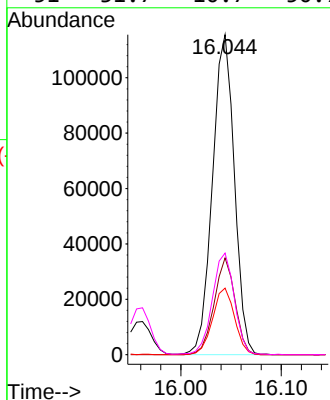
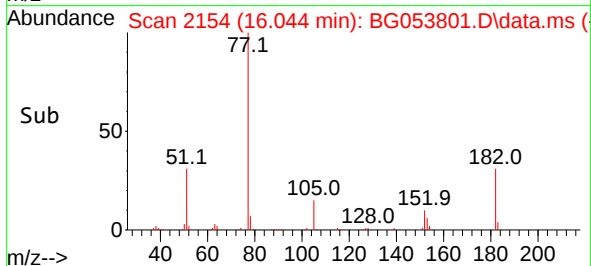
Instrument :  
BNA\_G  
ClientSampleId :  
P033-SS001-1824-01MSD



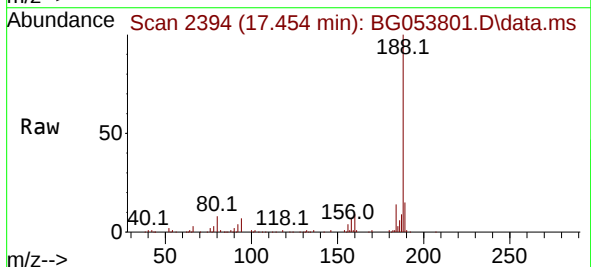
Tgt Ion: 77 Resp: 175020  
Ion Ratio Lower Upper  
77 100  
182 30.3 3.8 43.8  
105 20.8 0.0 37.8  
51 31.7 10.7 50.7

Manual Integrations  
APPROVED

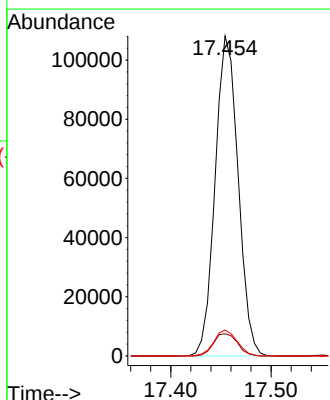
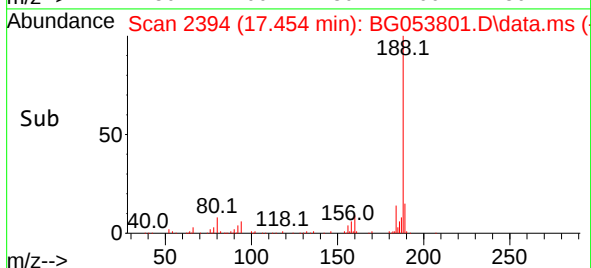
Reviewed By :Christian Giraldo 06/03/2022  
Supervised By :Jagrut Upadhyay 06/03/2022

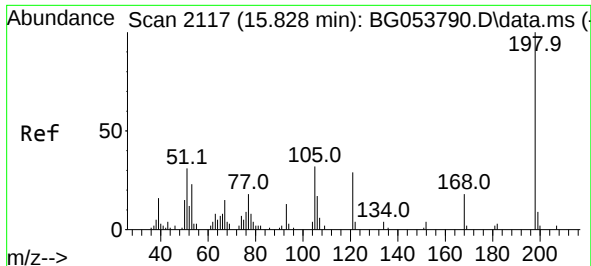


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.454 min Scan# 2394  
Delta R.T. -0.002 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37



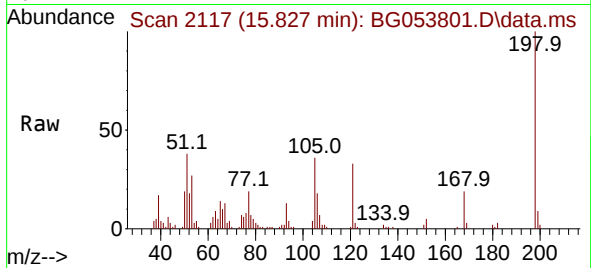
Tgt Ion:188 Resp: 171732  
Ion Ratio Lower Upper  
188 100  
94 6.9 5.4 8.0  
80 8.1 6.8 10.2





#65  
4,6-Dinitro-2-methylphenol  
Concen: 52.701 ng  
RT: 15.827 min Scan# 2117  
Delta R.T. -0.001 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

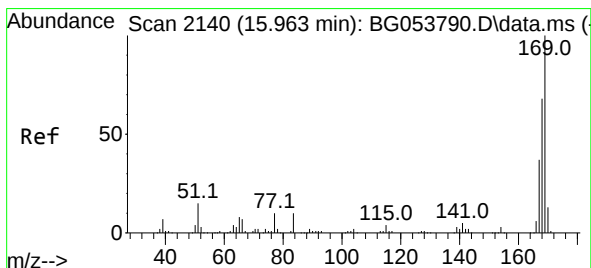
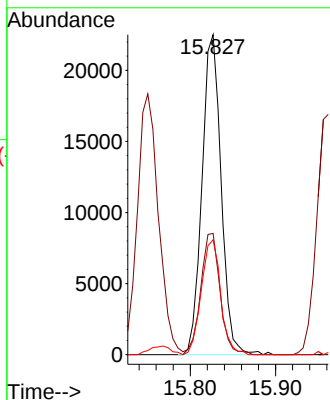
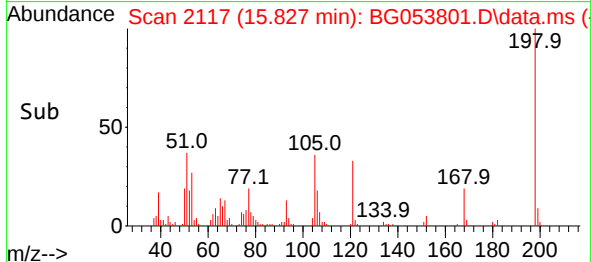
Instrument :  
BNA\_G  
ClientSampleId :  
P033-SS001-1824-01MSD



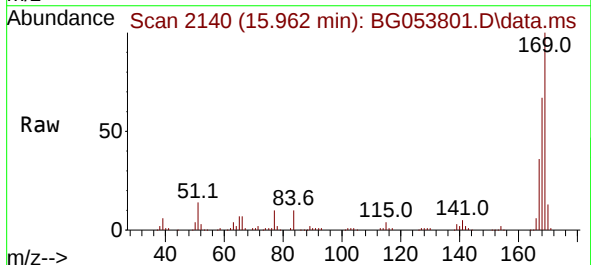
Tgt Ion:198 Resp: 35062  
Ion Ratio Lower Upper  
198 100  
51 37.9 28.1 68.1  
105 35.9 20.3 60.3

Manual Integrations  
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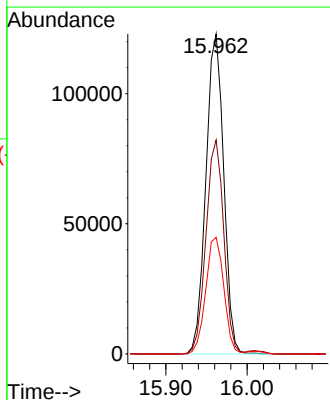
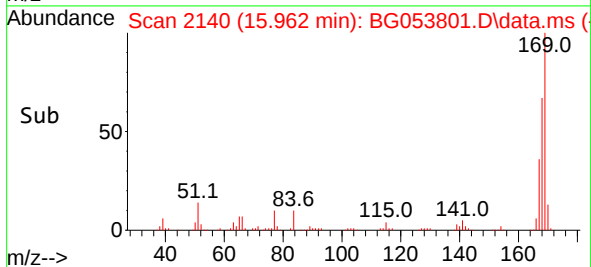
Reviewed By :Christian Giraldo 06/03/2022  
Supervised By :Jagrut Upadhyay 06/03/2022

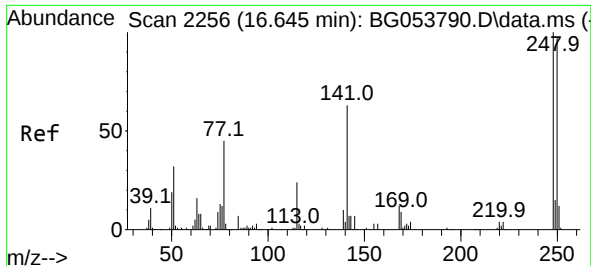


#66  
n-Nitrosodiphenylamine  
Concen: 40.879 ng  
RT: 15.962 min Scan# 2140  
Delta R.T. -0.001 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37



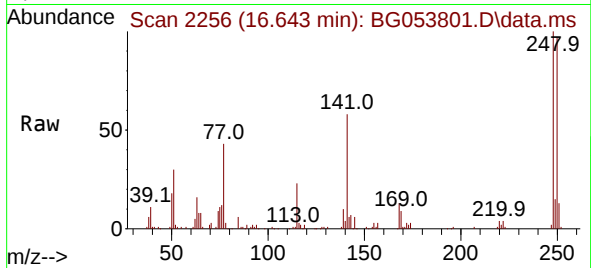
Tgt Ion:169 Resp: 186679  
Ion Ratio Lower Upper  
169 100  
168 66.9 55.9 83.9  
167 36.5 30.6 46.0





#67  
4-Bromophenyl-phenylether  
Concen: 40.943 ng  
RT: 16.643 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

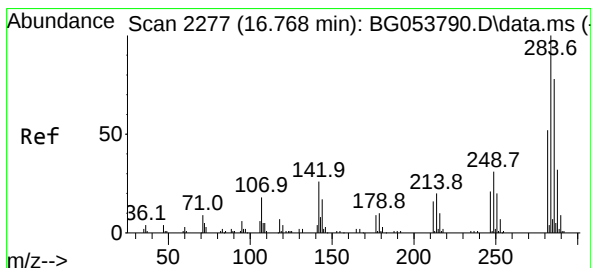
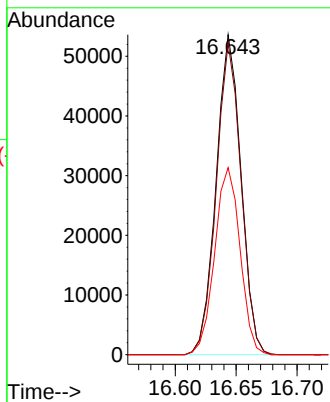
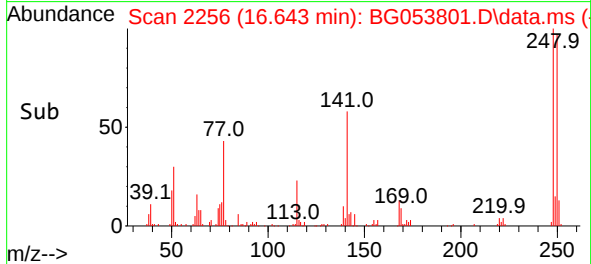
Instrument :  
BNA\_G  
ClientSampleId :  
P033-SS001-1824-01MSD



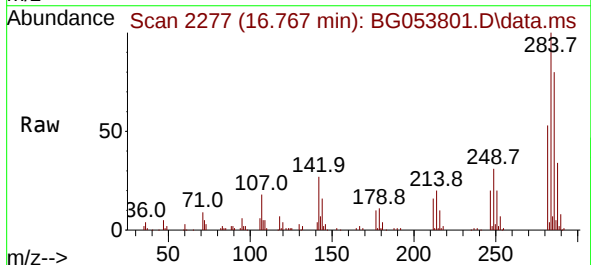
Tgt Ion:248 Resp: 7639  
Ion Ratio Lower Upper  
248 100  
250 97.4 75.2 112.8  
141 58.5 50.0 75.0

Manual Integrations  
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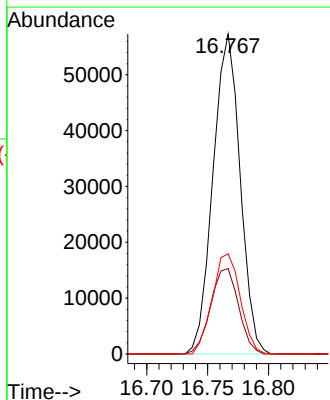
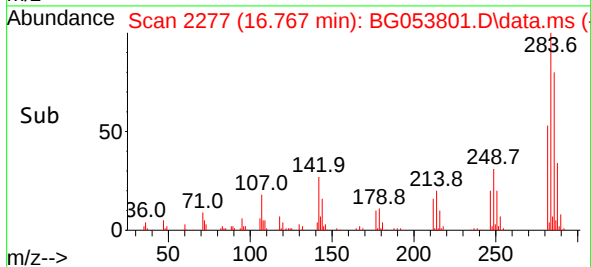
Reviewed By :Christian Giraldo 06/03/2022  
Supervised By :Jagrut Upadhyay 06/03/2022

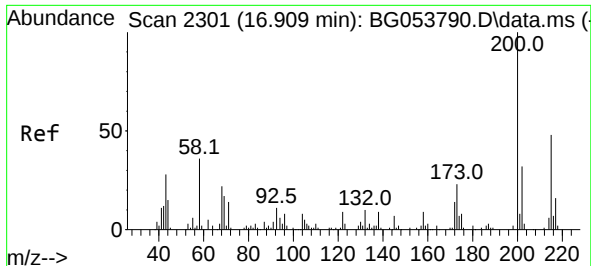


#68  
Hexachlorobenzene  
Concen: 42.589 ng  
RT: 16.767 min Scan# 2277  
Delta R.T. -0.001 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37



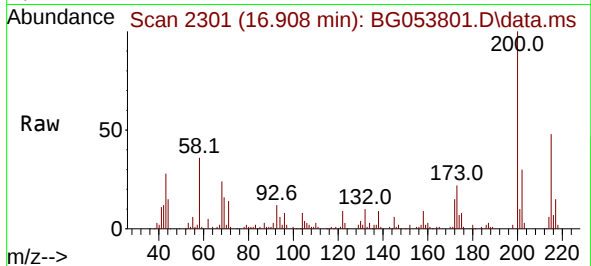
Tgt Ion:284 Resp: 88579  
Ion Ratio Lower Upper  
284 100  
142 26.7 23.6 35.4  
249 34.2 25.8 38.6





#69  
 Atrazine  
 Concen: 55.313 ng  
 RT: 16.908 min Scan# 21  
 Delta R.T. -0.001 min  
 Lab File: BG053801.D  
 Acq: 2 Jun 2022 21:37

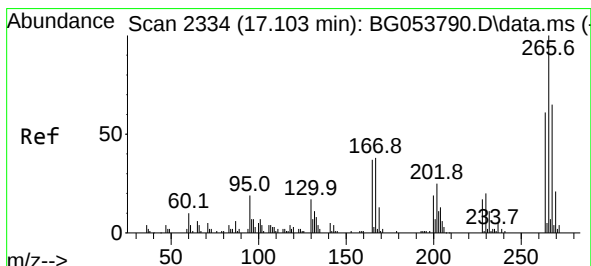
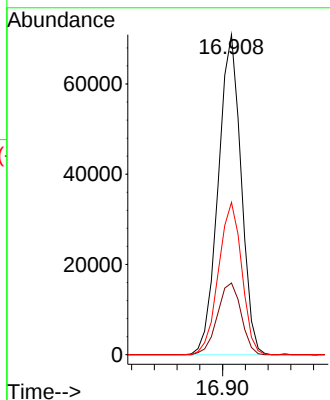
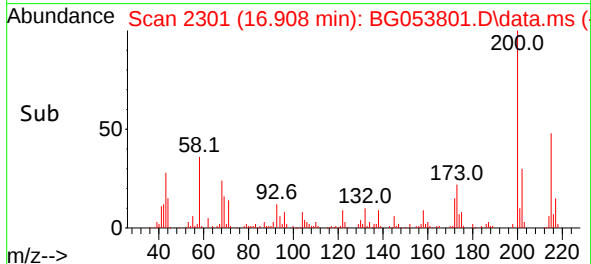
Instrument :  
 BNA\_G  
 ClientSampleId :  
 P033-SS001-1824-01MSD



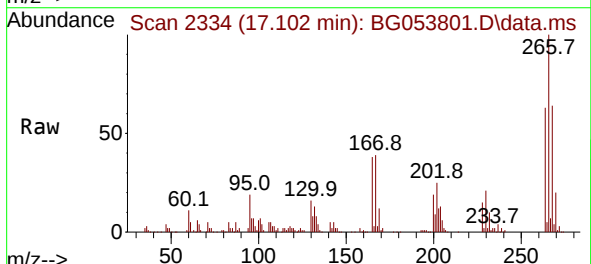
Tgt Ion:200 Resp: 9889  
 Ion Ratio Lower Upper  
 200 100  
 173 22.4 3.7 43.7  
 215 47.6 25.2 65.2

Manual Integrations  
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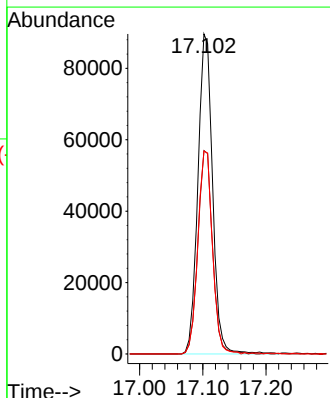
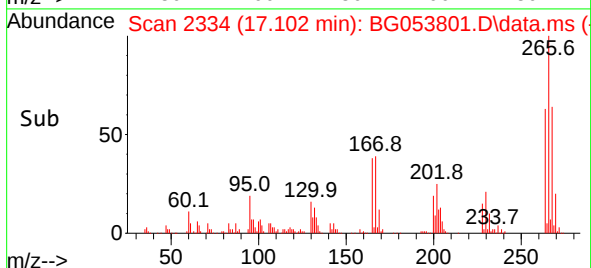
Reviewed By :Christian Giraldo 06/03/2022  
 Supervised By :Jagrut Upadhyay 06/03/2022

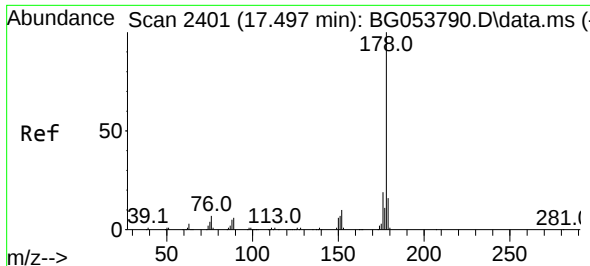


#70  
 Pentachlorophenol  
 Concen: 107.298 ng  
 RT: 17.102 min Scan# 2334  
 Delta R.T. -0.001 min  
 Lab File: BG053801.D  
 Acq: 2 Jun 2022 21:37



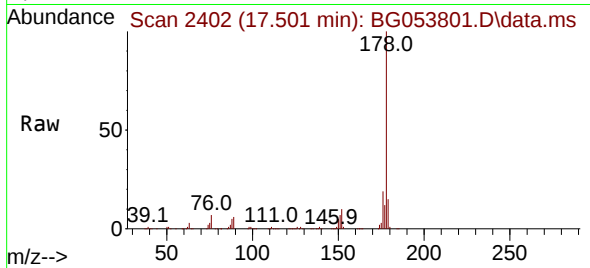
Tgt Ion:266 Resp: 144254  
 Ion Ratio Lower Upper  
 266 100  
 268 68.0 56.2 84.2  
 264 68.8 53.0 79.4





#71  
Phenanthrene  
Concen: 46.125 ng  
RT: 17.501 min Scan# 2401  
Delta R.T. 0.004 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

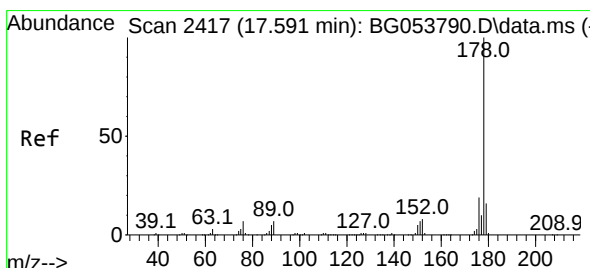
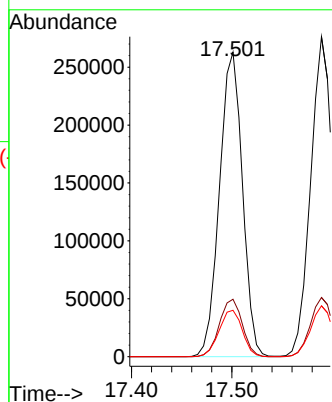
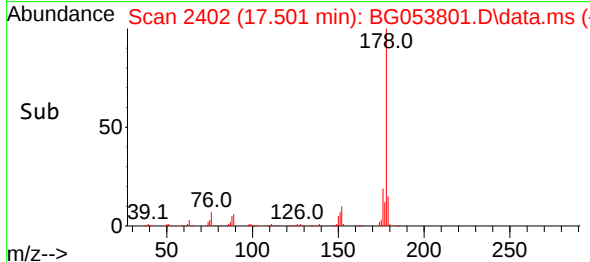
Instrument :  
BNA\_G  
ClientSampleId :  
P033-SS001-1824-01MSD



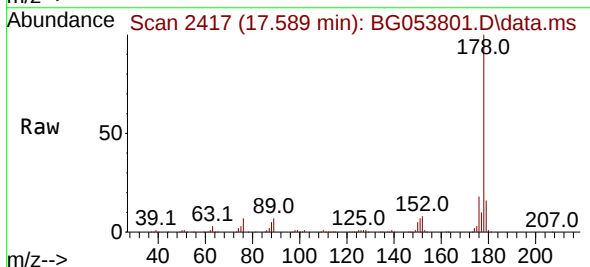
Tgt Ion:178 Resp: 416938  
Ion Ratio Lower Upper  
178 100  
176 18.9 14.1 21.1  
179 15.2 12.1 18.1

Manual Integrations  
APPROVED

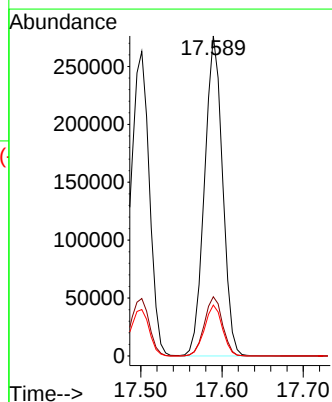
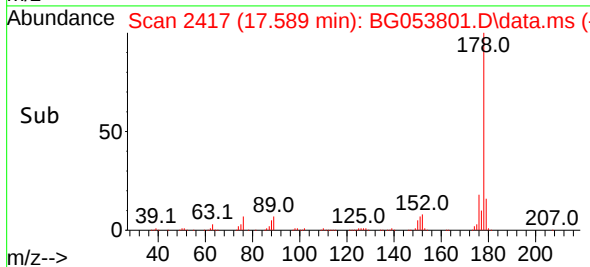
Reviewed By :Christian Giraldo 06/03/2022  
Supervised By :Jagrut Upadhyay 06/03/2022

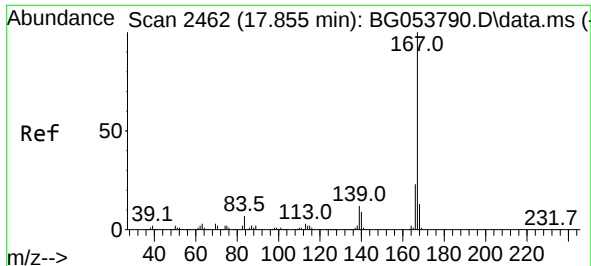


#72  
Anthracene  
Concen: 48.094 ng  
RT: 17.589 min Scan# 2417  
Delta R.T. -0.001 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37



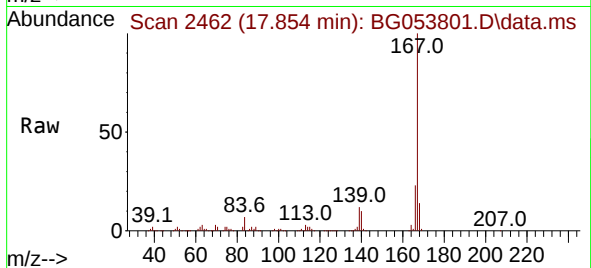
Tgt Ion:178 Resp: 425473  
Ion Ratio Lower Upper  
178 100  
176 18.5 15.2 22.8  
179 15.9 13.0 19.4





#73  
 Carbazole  
 Concen: 55.427 ng  
 RT: 17.854 min Scan# 2462  
 Delta R.T. -0.001 min  
 Lab File: BG053801.D  
 Acq: 2 Jun 2022 21:37

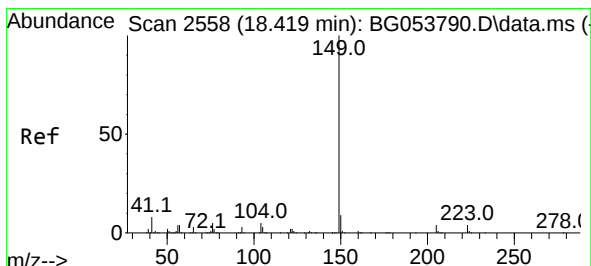
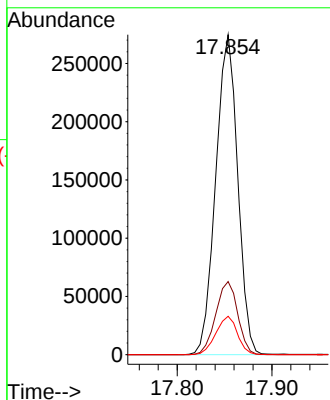
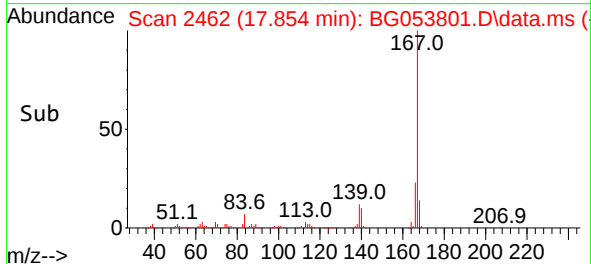
Instrument :  
 BNA\_G  
 ClientSampleId :  
 P033-SS001-1824-01MSD



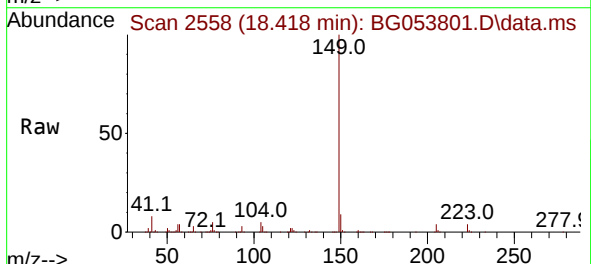
Tgt Ion:167 Resp: 442612  
 Ion Ratio Lower Upper  
 167 100  
 166 22.8 18.2 27.2  
 139 12.0 10.1 15.1

Manual Integrations  
 APPROVED

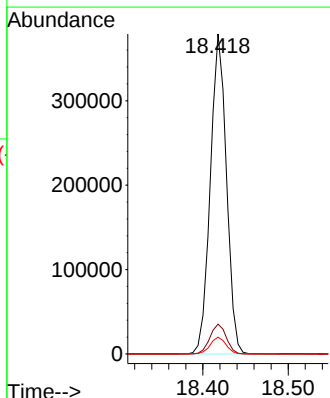
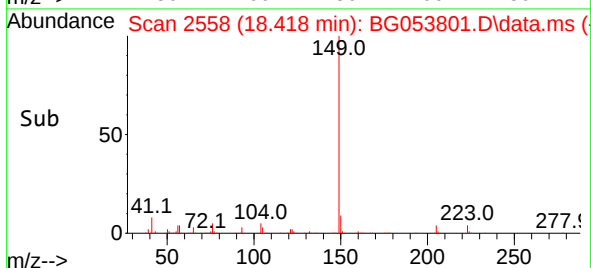
Reviewed By :Christian Giraldo 06/03/2022  
 Supervised By :Jagrut Upadhyay 06/03/2022

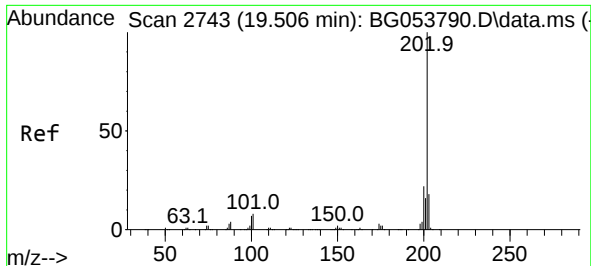


#74  
 Di-n-butylphthalate  
 Concen: 54.366 ng  
 RT: 18.418 min Scan# 2558  
 Delta R.T. -0.001 min  
 Lab File: BG053801.D  
 Acq: 2 Jun 2022 21:37



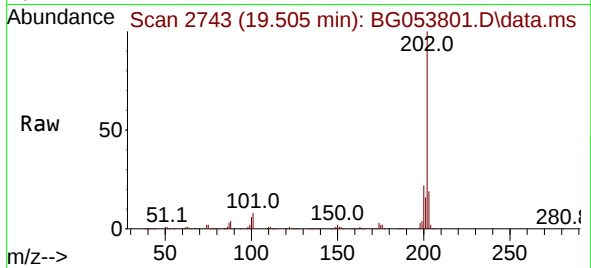
Tgt Ion:149 Resp: 499229  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.7 11.5  
 104 5.3 5.4 8.0#





#75  
Fluoranthene  
Concen: 56.284 ng  
RT: 19.505 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

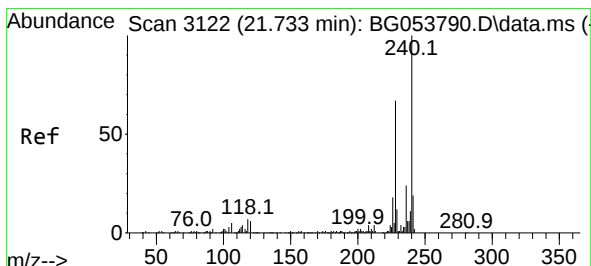
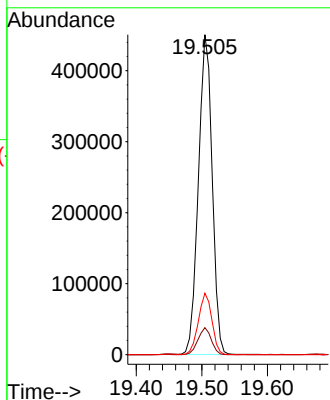
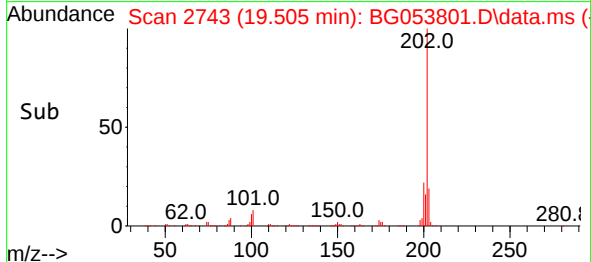
Instrument :  
BNA\_G  
ClientSampleId :  
P033-SS001-1824-01MSD



Tgt Ion:202 Resp: 65989  
Ion Ratio Lower Upper  
202 100  
101 8.5 0.0 26.9  
203 19.2 0.0 37.2

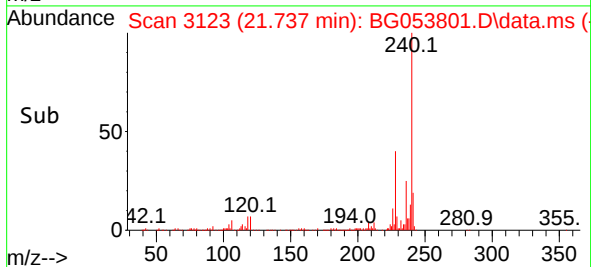
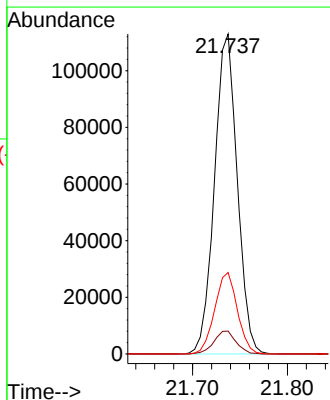
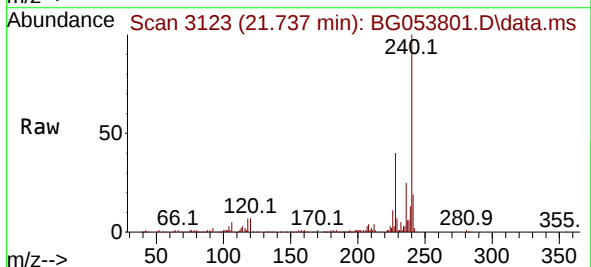
Manual Integrations  
APPROVED

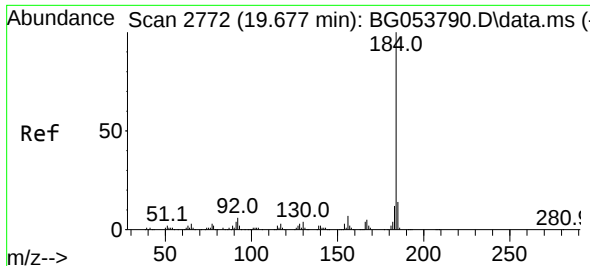
Reviewed By :Christian Giraldo 06/03/2022  
Supervised By :Jagrut Upadhyay 06/03/2022



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.737 min Scan# 3123  
Delta R.T. 0.004 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

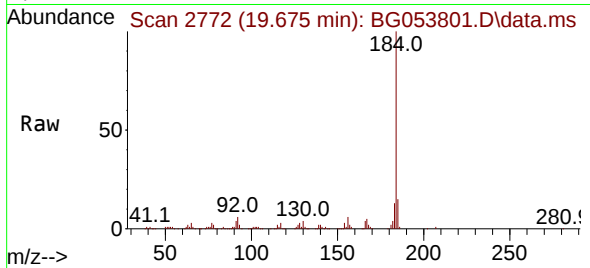
Tgt Ion:240 Resp: 188606  
Ion Ratio Lower Upper  
240 100  
120 7.2 4.6 7.0#  
236 25.4 20.2 30.4





#77  
Benzidine  
Concen: 47.050 ng  
RT: 19.675 min Scan# 21699  
Delta R.T. -0.001 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

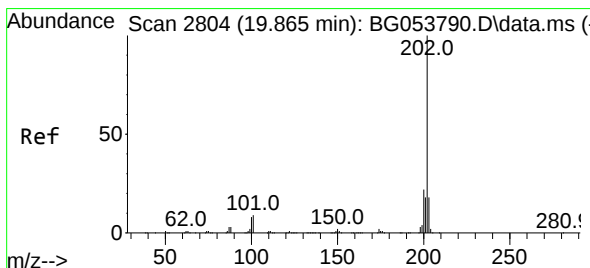
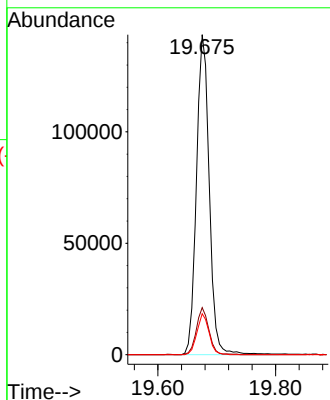
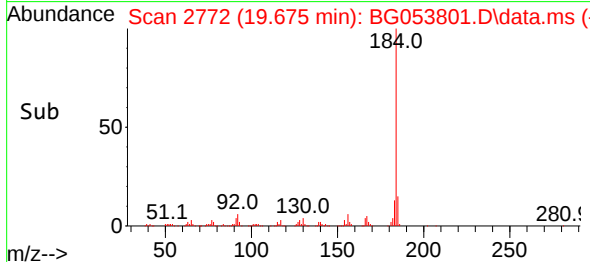
Instrument :  
BNA\_G  
ClientSampleId :  
P033-SS001-1824-01MSD



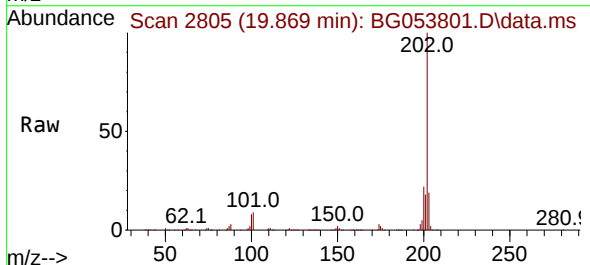
Tgt Ion:184 Resp: 21699  
Ion Ratio Lower Upper  
184 100  
185 14.7 11.8 17.6  
183 12.8 8.9 13.3

Manual Integrations  
APPROVED

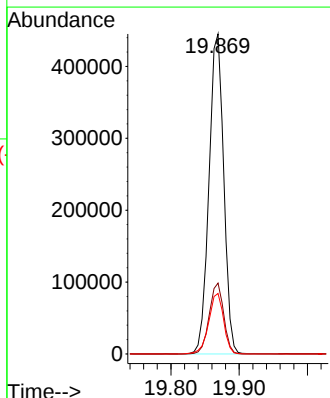
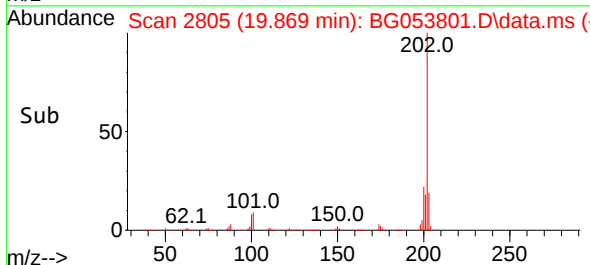
Reviewed By :Christian Giraldo 06/03/2022  
Supervised By :Jagrut Upadhyay 06/03/2022

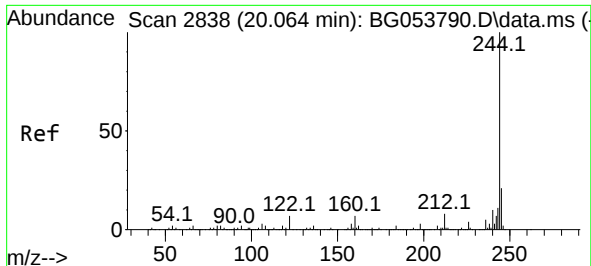


#78  
Pyrene  
Concen: 55.800 ng  
RT: 19.869 min Scan# 2805  
Delta R.T. 0.004 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37



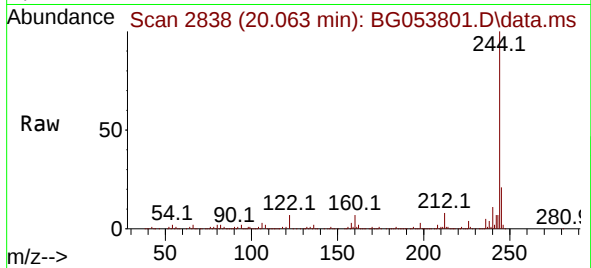
Tgt Ion:202 Resp: 669297  
Ion Ratio Lower Upper  
202 100  
200 22.2 16.6 24.8  
203 18.9 14.6 21.8





#79  
Terphenyl-d14  
Concen: 90.175 ng  
RT: 20.063 min Scan# 2838  
Delta R.T. -0.001 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

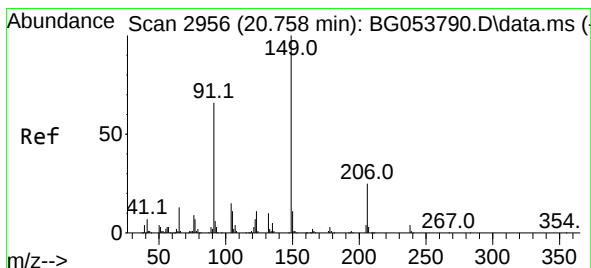
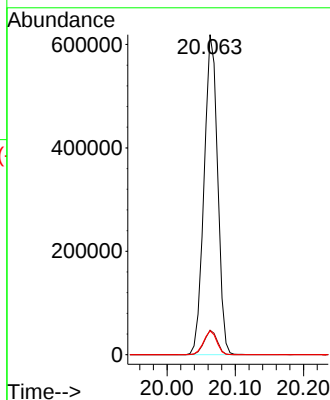
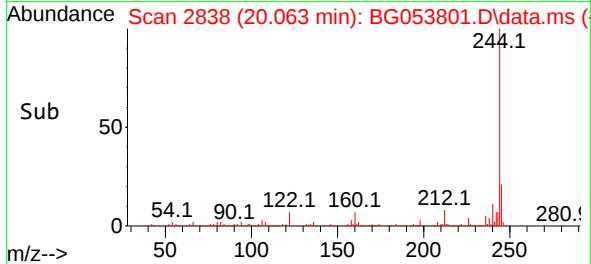
Instrument :  
BNA\_G  
ClientSampleId :  
P033-SS001-1824-01MSD



Tgt Ion:244 Resp: 85490  
Ion Ratio Lower Upper  
244 100  
212 7.7 6.5 9.7  
122 7.5 5.0 7.4

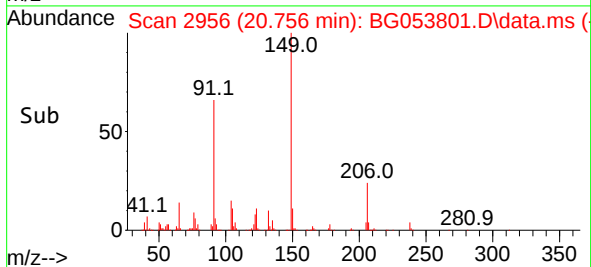
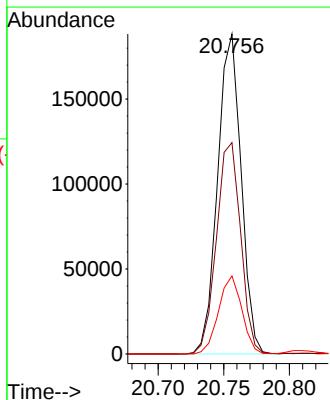
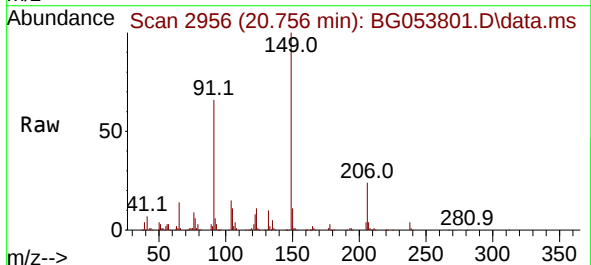
Manual Integrations  
APPROVED

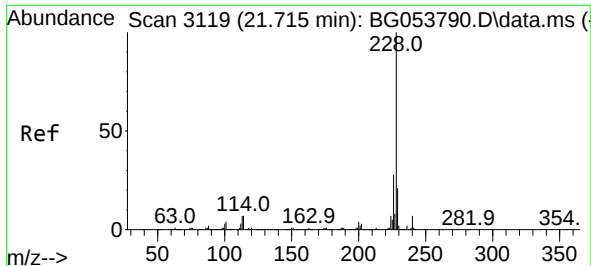
Reviewed By :Christian Giraldo 06/03/2022  
Supervised By :Jagrut Upadhyay 06/03/2022



#80  
Butylbenzylphthalate  
Concen: 59.995 ng  
RT: 20.756 min Scan# 2956  
Delta R.T. -0.001 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

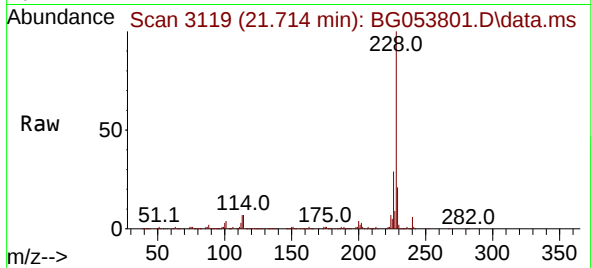
Tgt Ion:149 Resp: 234687  
Ion Ratio Lower Upper  
149 100  
91 66.0 59.6 89.4  
206 24.4 18.6 28.0





#81  
Benzo(a)anthracene  
Concen: 46.847 ng  
RT: 21.714 min Scan# 3119  
Delta R.T. -0.001 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

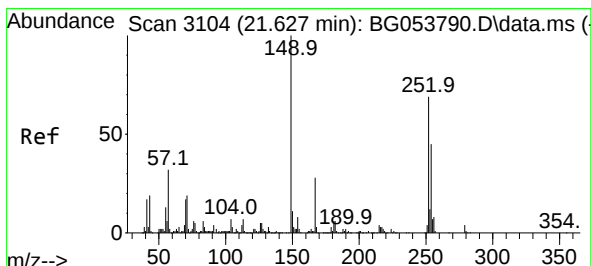
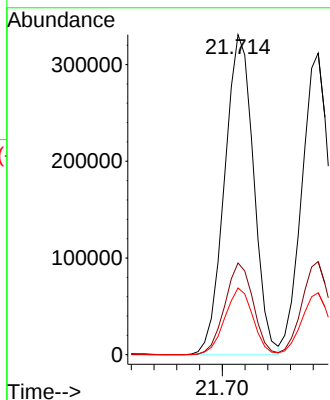
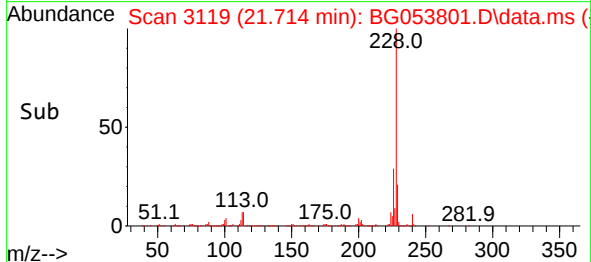
Instrument :  
BNA\_G  
ClientSampleId :  
P033-SS001-1824-01MSD



Tgt Ion:228 Resp: 58658  
Ion Ratio Lower Upper  
228 100  
226 28.7 21.6 32.4  
229 20.9 16.2 24.2

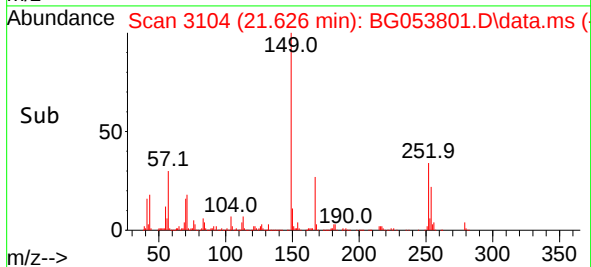
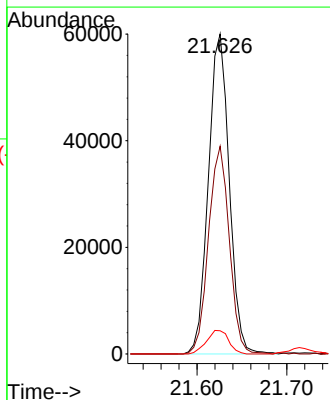
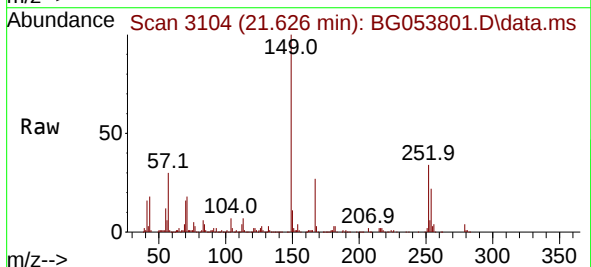
Manual Integrations  
APPROVED

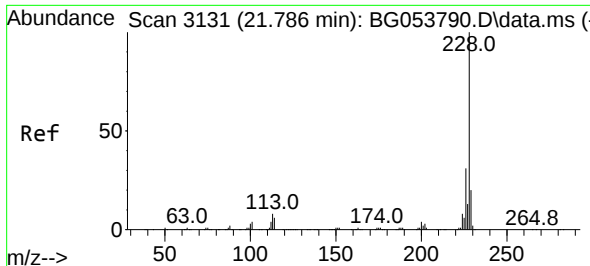
Reviewed By :Christian Giraldo 06/03/2022  
Supervised By :Jagrut Upadhyay 06/03/2022



#82  
3,3'-Dichlorobenzidine  
Concen: 27.416 ng  
RT: 21.626 min Scan# 3104  
Delta R.T. -0.001 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

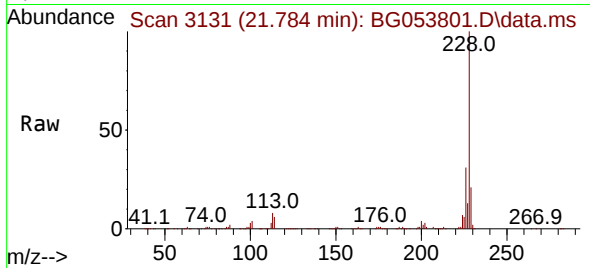
Tgt Ion:252 Resp: 96756  
Ion Ratio Lower Upper  
252 100  
254 64.9 49.8 74.8  
126 7.3 6.0 9.0





#83  
Chrysene  
Concen: 44.731 ng  
RT: 21.784 min Scan# 3131  
Delta R.T. -0.001 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

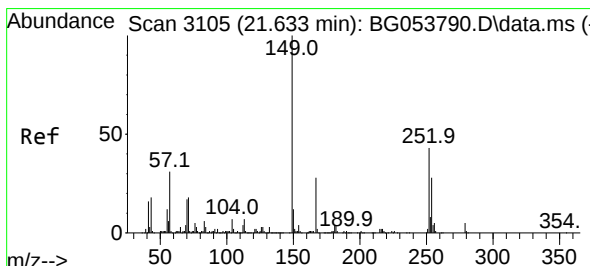
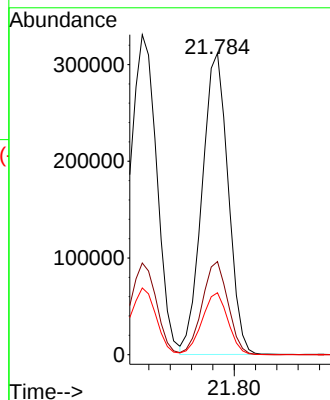
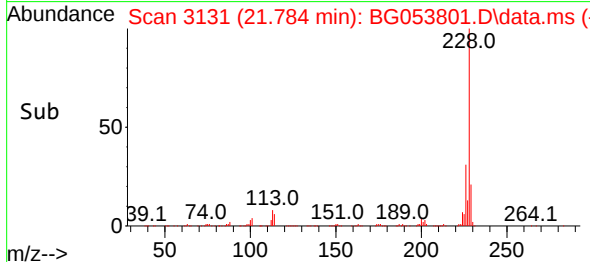
Instrument :  
BNA\_G  
ClientSampleId :  
P033-SS001-1824-01MSD



Tgt Ion:228 Resp: 52868  
Ion Ratio Lower Upper  
228 100  
226 30.9 23.4 35.2  
229 20.5 15.5 23.3

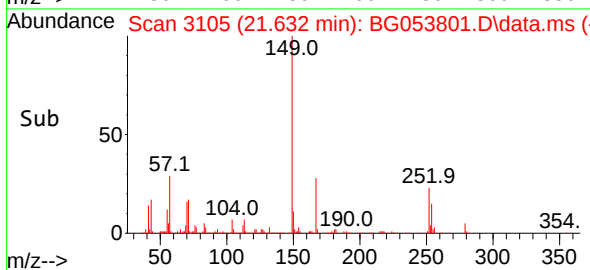
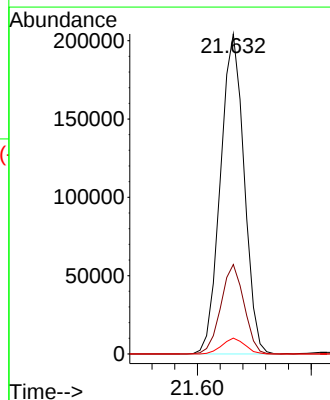
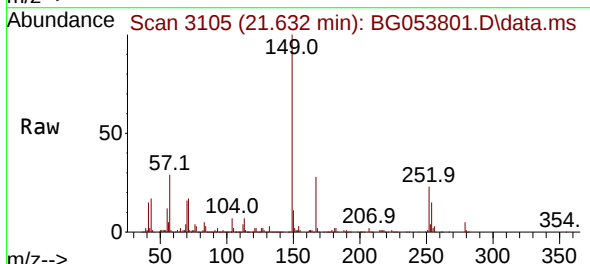
Manual Integrations  
APPROVED

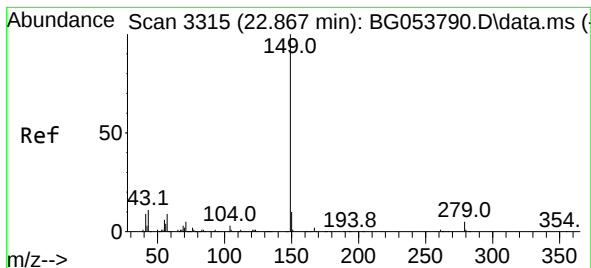
Reviewed By :Christian Giraldo 06/03/2022  
Supervised By :Jagrut Upadhyay 06/03/2022



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 52.516 ng  
RT: 21.632 min Scan# 3105  
Delta R.T. -0.001 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

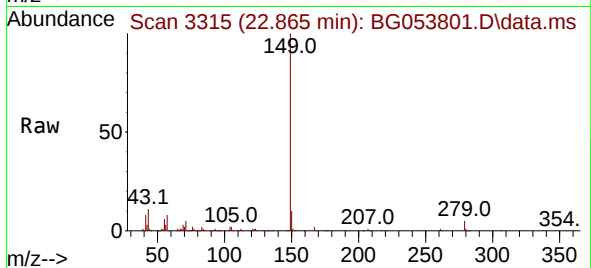
Tgt Ion:149 Resp: 295413  
Ion Ratio Lower Upper  
149 100  
167 27.9 20.2 30.4  
279 4.9 3.6 5.4





#85  
Di-n-octyl phthalate  
Concen: 50.528 ng  
RT: 22.865 min Scan# 31  
Delta R.T. -0.001 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

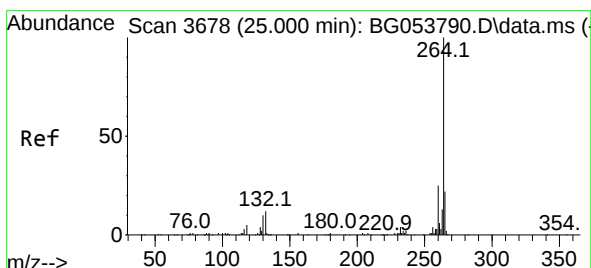
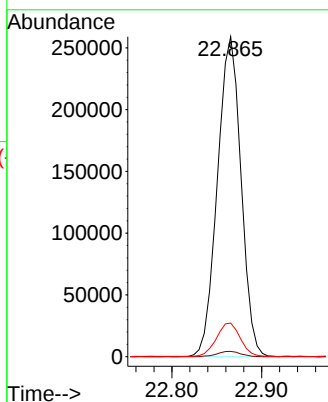
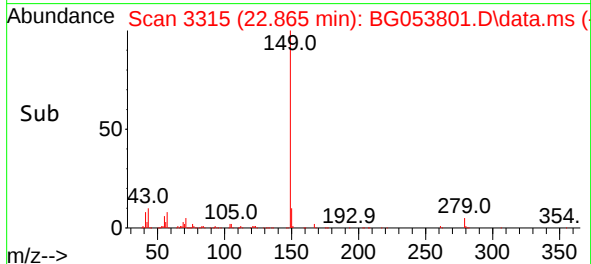
Instrument :  
BNA\_G  
ClientSampleId :  
P033-SS001-1824-01MSD



Tgt Ion:149 Resp: 472670  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 10.5 9.0 13.4

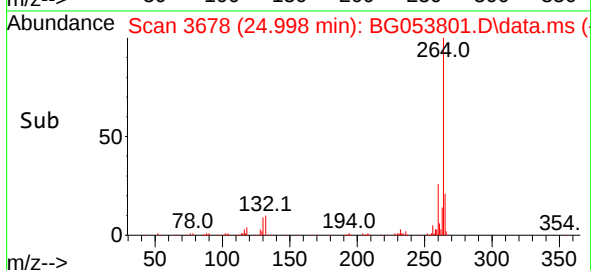
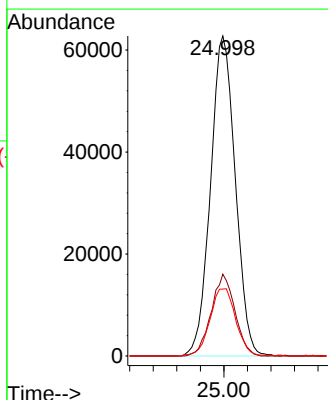
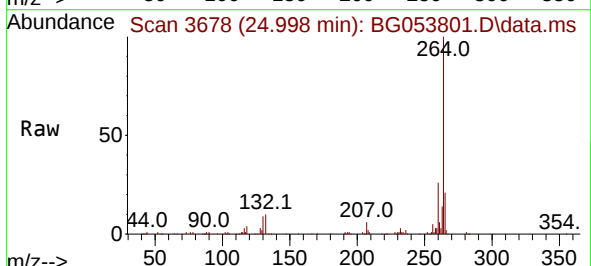
Manual Integrations  
APPROVED

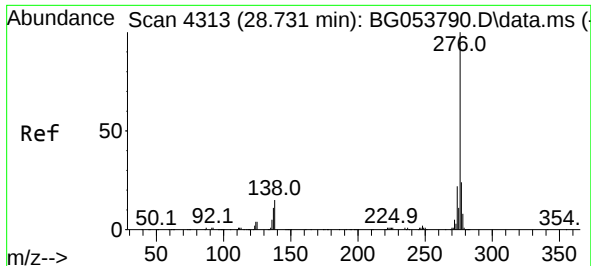
Reviewed By :Christian Giraldo 06/03/2022  
Supervised By :Jagrut Upadhyay 06/03/2022



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.998 min Scan# 3678  
Delta R.T. -0.001 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

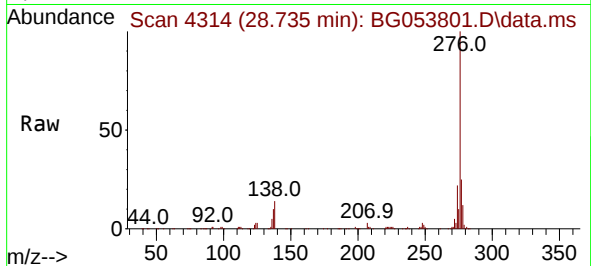
Tgt Ion:264 Resp: 183541  
Ion Ratio Lower Upper  
264 100  
260 25.6 19.0 28.6  
265 20.9 17.4 26.2





#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 46.005 ng  
 RT: 28.735 min Scan# 4313  
 Delta R.T. 0.004 min  
 Lab File: BG053801.D  
 Acq: 2 Jun 2022 21:37

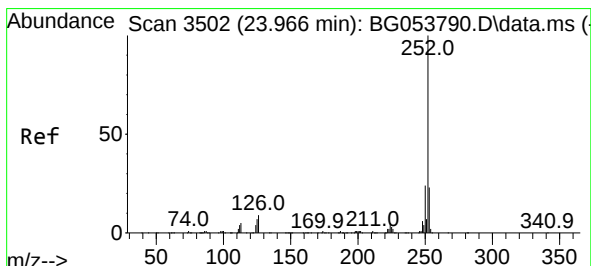
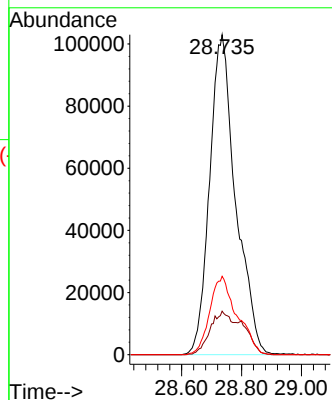
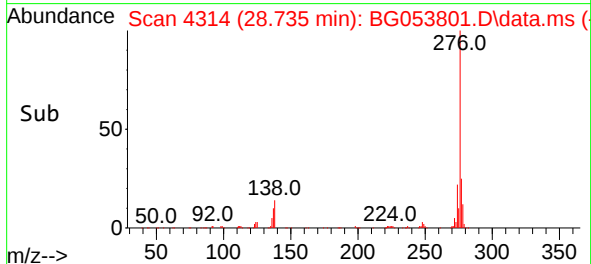
Instrument :  
 BNA\_G  
 ClientSampleId :  
 P033-SS001-1824-01MSD



Tgt Ion:276 Resp: 622379  
 Ion Ratio Lower Upper  
 276 100  
 138 11.9 5.0 7.4  
 277 25.7 20.3 30.5

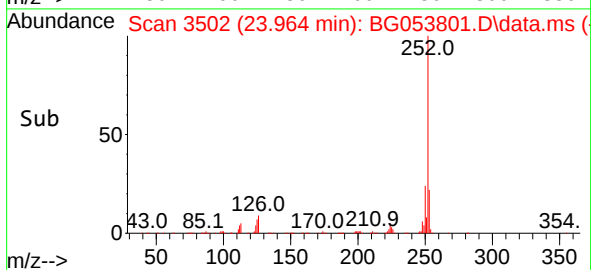
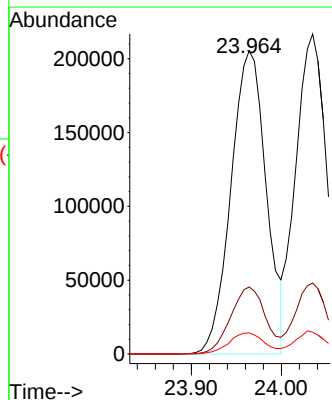
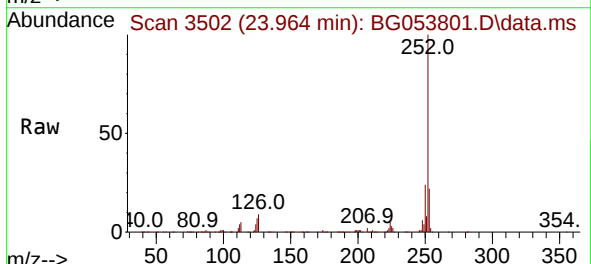
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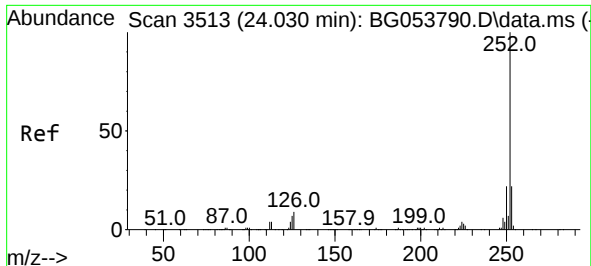
Reviewed By :Christian Giraldo 06/03/2022  
 Supervised By :Jagrut Upadhyay 06/03/2022



#88  
 Benzo(b)fluoranthene  
 Concen: 49.198 ng m  
 RT: 23.964 min Scan# 3502  
 Delta R.T. -0.001 min  
 Lab File: BG053801.D  
 Acq: 2 Jun 2022 21:37

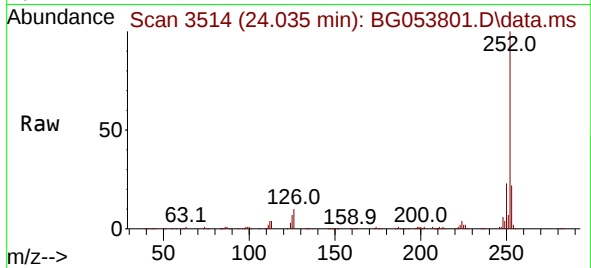
Tgt Ion:252 Resp: 560600  
 Ion Ratio Lower Upper  
 252 100  
 253 22.1 18.0 27.0  
 125 7.0 4.6 6.8





#89  
Benzo(k)fluoranthene  
Concen: 46.169 ng  
RT: 24.035 min Scan# 3513  
Delta R.T. 0.004 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

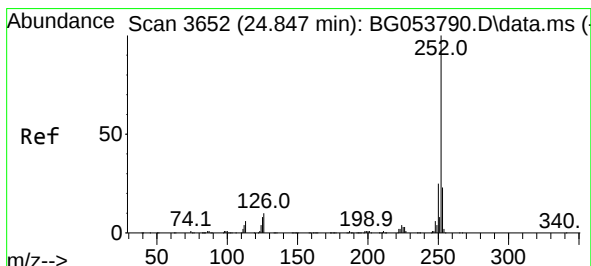
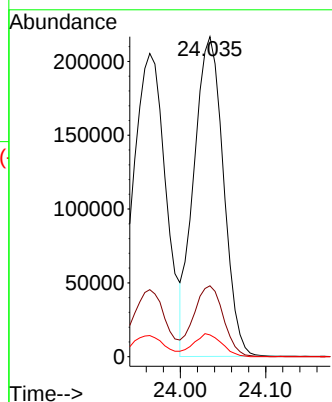
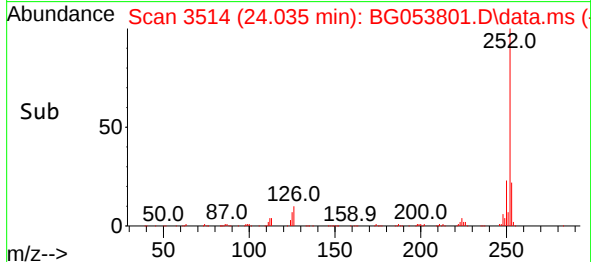
Instrument :  
BNA\_G  
ClientSampleId :  
P033-SS001-1824-01MSD



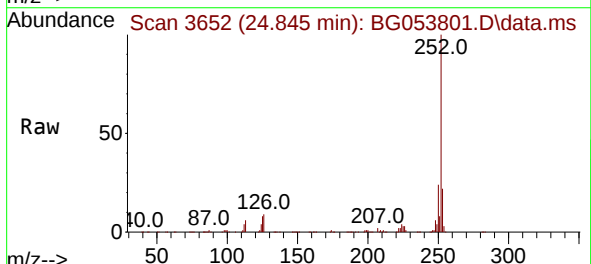
Tgt Ion:252 Resp: 52001  
Ion Ratio Lower Upper  
252 100  
253 22.2 18.4 27.6  
125 6.8 4.8 7.2

Manual Integrations  
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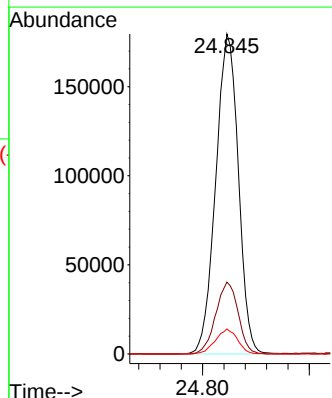
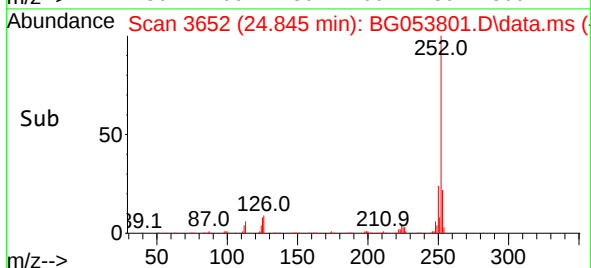
Reviewed By :Christian Giraldo 06/03/2022  
Supervised By :Jagrut Upadhyay 06/03/2022

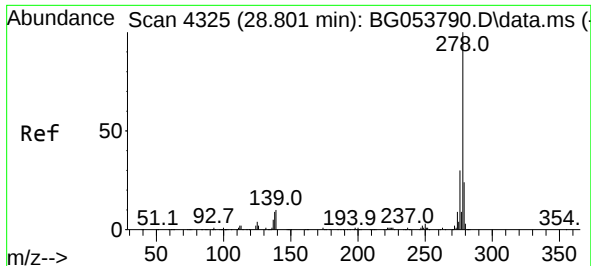


#90  
Benzo(a)pyrene  
Concen: 54.870 ng  
RT: 24.845 min Scan# 3652  
Delta R.T. -0.001 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37



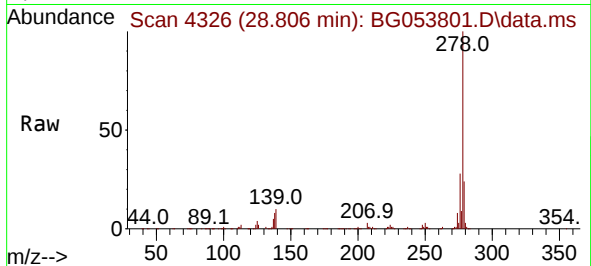
Tgt Ion:252 Resp: 528775  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.8 26.8  
125 7.8 4.3 6.5#





#91  
Dibenzo(a,h)anthracene  
Concen: 48.037 ng  
RT: 28.806 min Scan# 41  
Delta R.T. 0.004 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

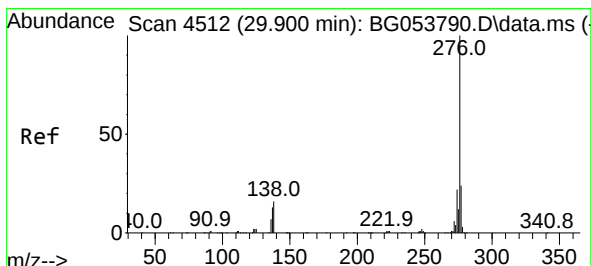
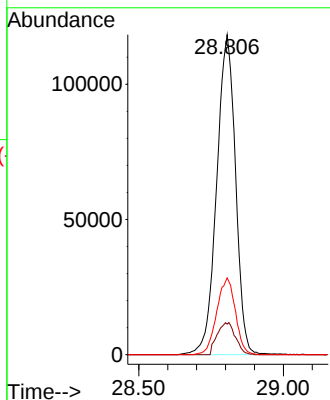
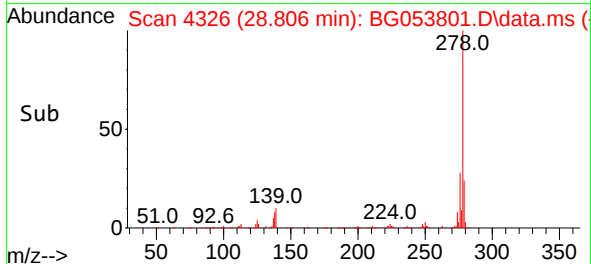
Instrument :  
BNA\_G  
ClientSampleId :  
P033-SS001-1824-01MSD



Tgt Ion:278 Resp: 537010  
Ion Ratio Lower Upper  
278 100  
139 9.6 7.2 10.8  
279 24.0 18.6 27.8

Manual Integrations  
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Reviewed By :Christian Giraldo 06/03/2022  
Supervised By :Jagrut Upadhyay 06/03/2022



#92  
Benzo(g,h,i)perylene  
Concen: 48.436 ng  
RT: 29.898 min Scan# 4512  
Delta R.T. -0.001 min  
Lab File: BG053801.D  
Acq: 2 Jun 2022 21:37

Tgt Ion:276 Resp: 533739  
Ion Ratio Lower Upper  
276 100  
277 24.7 17.3 25.9  
138 14.2 9.6 14.4

