

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040822\  
 Data File : BG053084.D  
 Acq On : 8 Apr 2022 15:03  
 Operator : CG/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

ICVBG040822

## Manual Integrations

## APPROVED

Reviewed By : Christian Giraldo 04/11/2022  
 Supervised By : Jagrut Upadhyay 04/11/2022

Quant Time: Apr 08 17:48:14 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG040822.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Apr 08 15:31:24 2022

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.126  | 152  | 28654    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.934 | 136  | 116220   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.746 | 164  | 89521    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.489 | 188  | 215263   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.772 | 240  | 211415   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 25.079 | 264  | 220918   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.682  | 112  | 137098   | 82.017 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.280  | 99   | 212469   | 82.424 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.283  | 82   | 228641   | 79.880 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.232 | 330  | 118662   | 83.316 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.371 | 172  | 519301   | 79.989 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.092 | 244  | 1025725  | 81.941 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.567  | 88   | 32715    | 40.982 | ng    | 94       |
| 3) Pyridine                   | 3.967  | 79   | 88657    | 42.109 | ng    | # 91     |
| 4) n-Nitrosodimethylamine     | 3.878  | 42   | 41211    | 39.527 | ng    | 84       |
| 6) Aniline                    | 7.438  | 93   | 125233   | 41.920 | ng    | 96       |
| 8) 2-Chlorophenol             | 7.685  | 128  | 72914    | 40.404 | ng    | 90       |
| 9) Benzaldehyde               | 7.256  | 77   | 59603    | 38.682 | ng    | 93       |
| 10) Phenol                    | 7.303  | 94   | 102498   | 39.946 | ng    | 88       |
| 11) bis(2-Chloroethyl)ether   | 7.532  | 93   | 76671    | 41.452 | ng    | 92       |
| 12) 1,3-Dichlorobenzene       | 8.014  | 146  | 84810m   | 40.444 | ng    |          |
| 13) 1,4-Dichlorobenzene       | 8.161  | 146  | 86061    | 40.256 | ng    | 96       |
| 14) 1,2-Dichlorobenzene       | 8.484  | 146  | 81517    | 39.541 | ng    | 98       |
| 15) Benzyl Alcohol            | 8.355  | 79   | 95083    | 41.498 | ng    | 93       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.648  | 45   | 124431   | 40.295 | ng    | 99       |
| 17) 2-Methylphenol            | 8.560  | 107  | 71054    | 40.922 | ng    | 95       |
| 18) Hexachloroethane          | 9.212  | 117  | 31931    | 39.830 | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 8.925  | 70   | 77777    | 41.213 | ng    | 95       |
| 20) 3+4-Methylphenols         | 8.883  | 107  | 99955    | 40.779 | ng    | 96       |
| 22) Acetophenone              | 8.942  | 105  | 131906   | 40.910 | ng    | # 99     |
| 24) Nitrobenzene              | 9.324  | 77   | 111109   | 39.908 | ng    | 91       |
| 25) Isophorone                | 9.853  | 82   | 201828   | 41.485 | ng    | 97       |
| 26) 2-Nitrophenol             | 10.041 | 139  | 48771    | 41.893 | ng    | # 86     |
| 27) 2,4-Dimethylphenol        | 10.094 | 122  | 68471    | 41.066 | ng    | 92       |
| 28) bis(2-Chloroethoxy)met... | 10.329 | 93   | 112498   | 41.159 | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.581 | 162  | 86435    | 41.237 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.798 | 180  | 95855    | 40.405 | ng    | 99       |
| 31) Naphthalene               | 10.986 | 128  | 248556   | 40.086 | ng    | 99       |
| 32) Benzoic acid              | 10.240 | 122  | 47655    | 44.226 | ng    | 93       |
| 33) 4-Chloroaniline           | 11.086 | 127  | 110934   | 41.778 | ng    | 94       |
| 34) Hexachlorobutadiene       | 11.274 | 225  | 69671    | 39.536 | ng    | 98       |
| 35) Caprolactam               | 11.856 | 113  | 30943    | 41.881 | ng    | # 82     |
| 36) 4-Chloro-3-methylphenol   | 12.202 | 107  | 102794   | 42.124 | ng    | 92       |
| 37) 2-Methylnaphthalene       | 12.584 | 142  | 186503   | 40.649 | ng    | 97       |
| 38) 1-Methylnaphthalene       | 12.802 | 142  | 180464   | 40.295 | ng    | 92       |
| 40) 1,2,4,5-Tetrachloroben... | 12.948 | 216  | 123750   | 40.701 | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.931 | 237  | 65807    | 41.928 | ng    | 92       |
| 43) 2,4,6-Trichlorophenol     | 13.183 | 196  | 86044    | 41.046 | ng    | 99       |

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 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG040822

Quant Time: Apr 08 17:48:14 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG040822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 08 15:31:24 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : Christian Giraldo 04/11/2022  
 Supervised By : Jagrut Upadhyay 04/11/2022

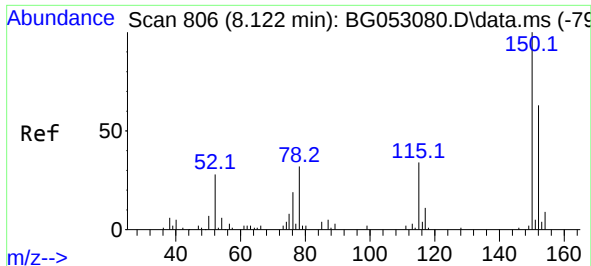
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.260 | 196  | 94204    | 42.171 | ng    | 96       |
| 46) 1,1'-Biphenyl             | 13.583 | 154  | 258110   | 40.037 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.624 | 162  | 206461   | 40.141 | ng    | 97       |
| 48) 2-Nitroaniline            | 13.818 | 65   | 81828    | 41.922 | ng    | 89       |
| 49) Acenaphthylene            | 14.470 | 152  | 330539   | 41.054 | ng    | 98       |
| 50) Dimethylphthalate         | 14.194 | 163  | 296139   | 41.359 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.311 | 165  | 62053    | 41.542 | ng    | # 82     |
| 52) Acenaphthene              | 14.811 | 154  | 224893m  | 41.189 | ng    |          |
| 53) 3-Nitroaniline            | 14.640 | 138  | 67822    | 42.939 | ng    | 94       |
| 54) 2,4-Dinitrophenol         | 14.846 | 184  | 41791    | 43.970 | ng    | # 87     |
| 55) Dibenzofuran              | 15.140 | 168  | 349724   | 40.906 | ng    | 98       |
| 56) 4-Nitrophenol             | 14.946 | 139  | 53423    | 44.348 | ng    | # 84     |
| 57) 2,4-Dinitrotoluene        | 15.099 | 165  | 90742    | 42.669 | ng    | 91       |
| 58) Fluorene                  | 15.792 | 166  | 280977   | 40.691 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.369 | 232  | 91362    | 42.115 | ng    | 98       |
| 60) Diethylphthalate          | 15.551 | 149  | 306069   | 40.798 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.780 | 204  | 158326   | 40.447 | ng    | 97       |
| 62) 4-Nitroaniline            | 15.803 | 138  | 69438    | 41.661 | ng    | # 79     |
| 63) Azobenzene                | 16.074 | 77   | 306919   | 40.577 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.862 | 198  | 65263    | 43.456 | ng    | 92       |
| 66) n-Nitrosodiphenylamine    | 15.991 | 169  | 256401   | 41.420 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 16.673 | 248  | 116210   | 42.132 | ng    | 94       |
| 68) Hexachlorobenzene         | 16.802 | 284  | 123295   | 41.276 | ng    | 92       |
| 69) Atrazine                  | 16.931 | 200  | 96451    | 39.888 | ng    | 98       |
| 70) Pentachlorophenol         | 17.143 | 266  | 73940    | 45.292 | ng    | 90       |
| 71) Phenanthrene              | 17.531 | 178  | 485390   | 41.281 | ng    | 98       |
| 72) Anthracene                | 17.625 | 178  | 474196   | 40.708 | ng    | 98       |
| 73) Carbazole                 | 17.889 | 167  | 467397   | 41.278 | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.441 | 149  | 529814   | 41.256 | ng    | 97       |
| 75) Fluoranthene              | 19.540 | 202  | 617992   | 41.003 | ng    | 99       |
| 77) Benzidine                 | 19.710 | 184  | 217742   | 36.098 | ng    | 98       |
| 78) Pyrene                    | 19.898 | 202  | 621859   | 41.300 | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.773 | 149  | 234334   | 41.745 | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.754 | 228  | 592804   | 41.010 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.660 | 252  | 215499   | 40.537 | ng    | 100      |
| 83) Chrysene                  | 21.825 | 228  | 553704   | 41.274 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.648 | 149  | 311259   | 41.021 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.888 | 149  | 529596   | 41.733 | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.862 | 276  | 667945   | 40.696 | ng    | # 98     |
| 88) Benzo(b)fluoranthene      | 24.028 | 252  | 580478   | 41.645 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 24.098 | 252  | 554279   | 40.461 | ng    | 98       |
| 90) Benzo(a)pyrene            | 24.921 | 252  | 487388   | 41.045 | ng    | # 99     |
| 91) Dibenzo(a,h)anthracene    | 28.921 | 278  | 548283   | 40.587 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 30.043 | 276  | 543077   | 40.788 | ng    | 97       |

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

## Manual Integrations

Quant Time: Apr 08 17:48:14 2022  
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QLast Update : Fri Apr 08 15:31:24 2022  
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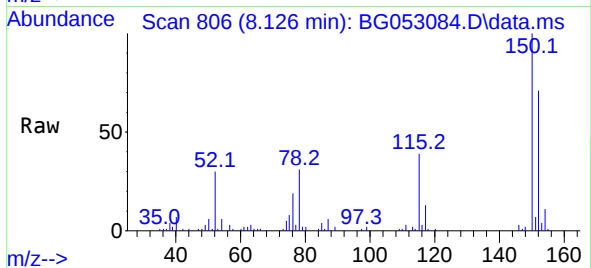
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.126 min Scan# 80  
Delta R.T. 0.004 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

Instrument :

BNA\_G

ClientSampleId :

ICVBG040822

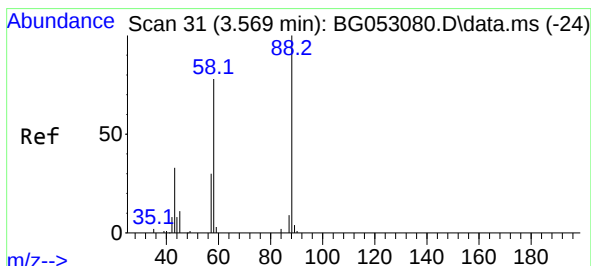
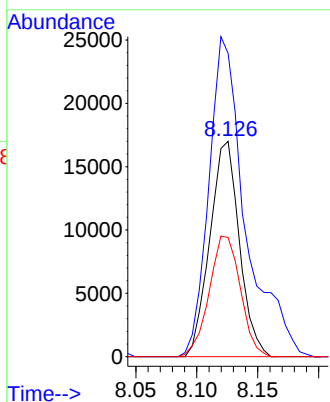
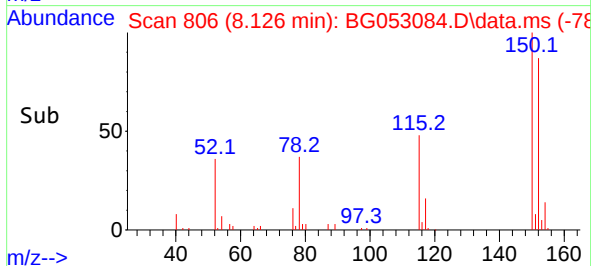


Tgt Ion:152 Resp: 28654  
Ion Ratio Lower Upper  
152 100  
150 140.8 114.6 172.0  
115 55.3 45.9 68.9

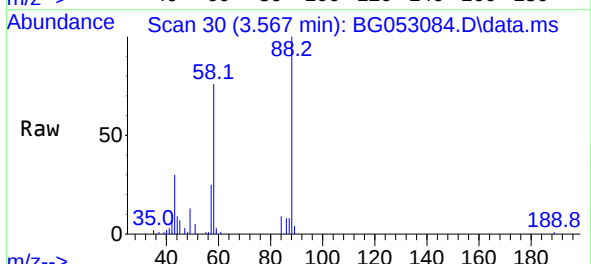
Manual Integrations

APPROVED

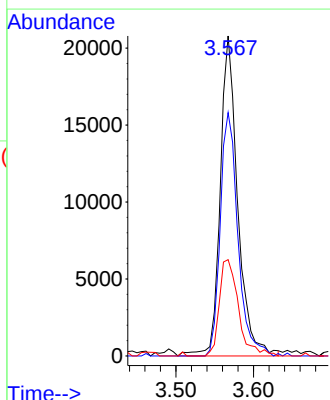
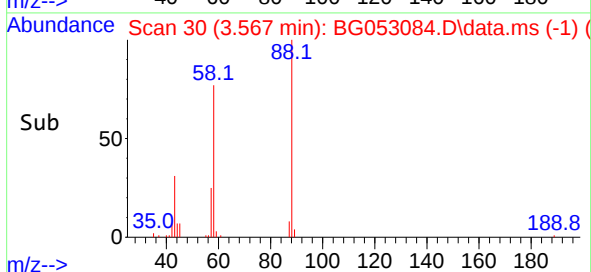
Reviewed By :Christian Giraldo 04/11/2022  
Supervised By :Jagrut Upadhyay 04/11/2022

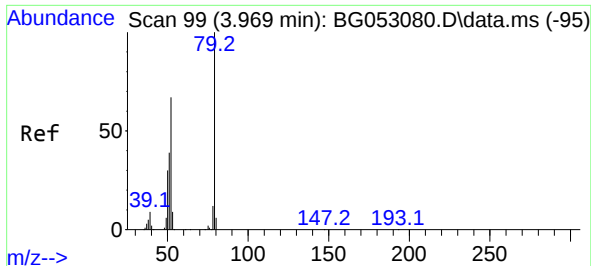


#2  
1,4-Dioxane  
Concen: 40.982 ng  
RT: 3.567 min Scan# 30  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03



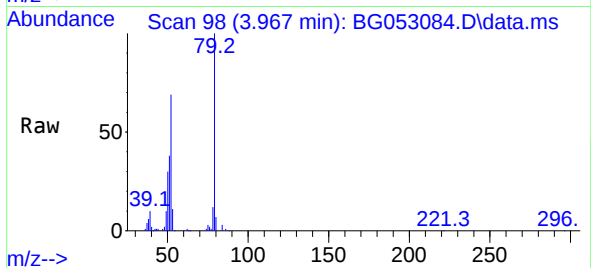
Tgt Ion: 88 Resp: 32715  
Ion Ratio Lower Upper  
88 100  
58 76.8 58.2 87.2  
43 32.9 23.4 35.0





#3  
Pyridine  
Concen: 42.109 ng  
RT: 3.967 min Scan# 91  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

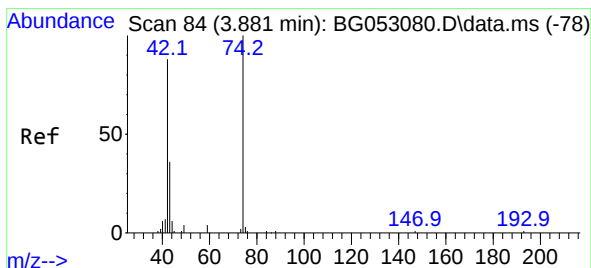
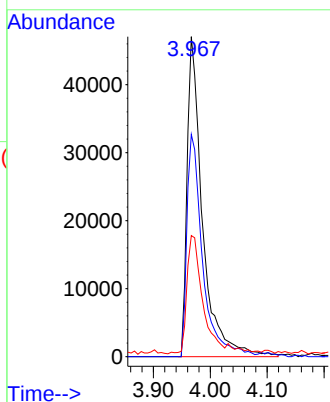
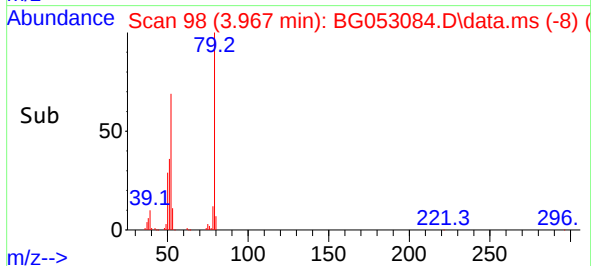
Instrument :  
BNA\_G  
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ICVBG040822



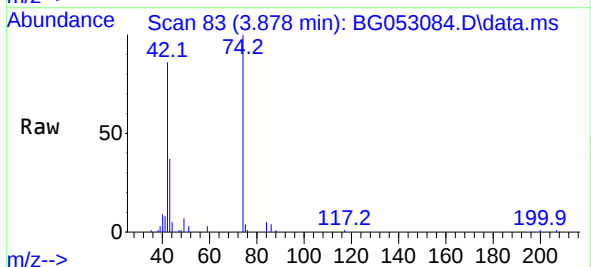
Tgt Ion: 79 Resp: 8865  
Ion Ratio Lower Upper  
79 100  
52 69.5 50.9 76.3  
51 37.8 24.4 36.6

Manual Integrations  
APPROVED

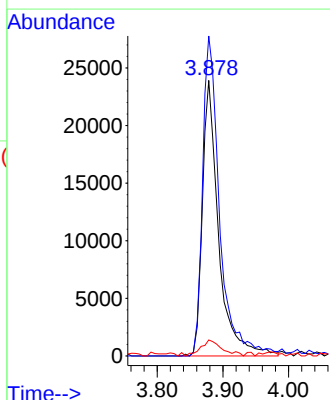
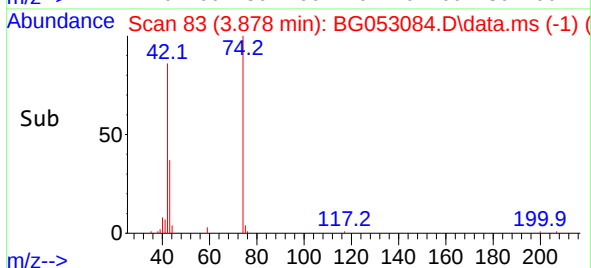
Reviewed By :Christian Giraldo 04/11/2022  
Supervised By :Jagrut Upadhyay 04/11/2022

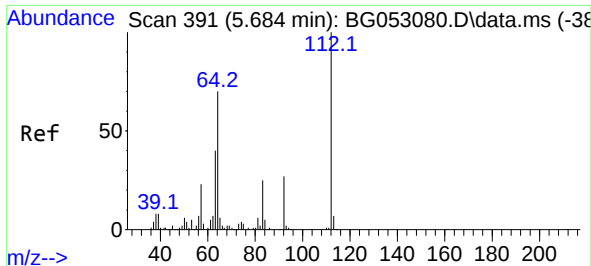


#4  
n-Nitrosodimethylamine  
Concen: 39.527 ng  
RT: 3.878 min Scan# 83  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03



Tgt Ion: 42 Resp: 41211  
Ion Ratio Lower Upper  
42 100  
74 116.1 108.9 163.3  
44 5.8 5.7 8.5





#5  
2-Fluorophenol  
Concen: 82.017 ng  
RT: 5.682 min Scan# 391  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

Instrument :

BNA\_G

ClientSampleId :

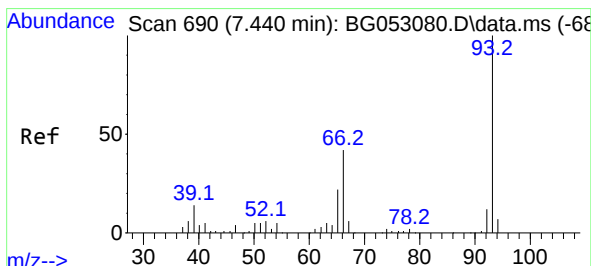
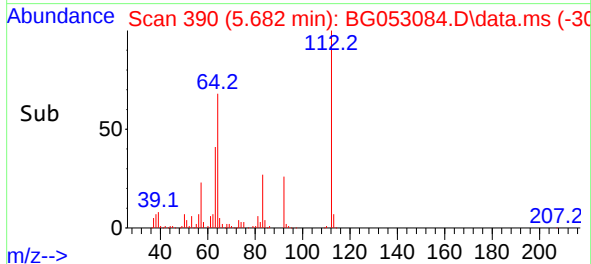
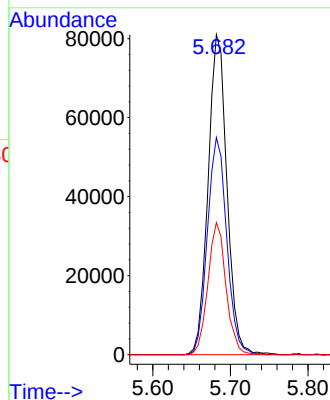
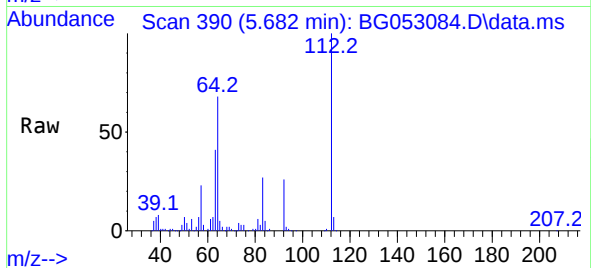
ICVBG040822

Tgt Ion:112 Resp: 137098  
Ion Ratio Lower Upper  
112 100  
64 67.8 48.0 72.0  
63 41.2 26.5 39.7

Manual Integrations

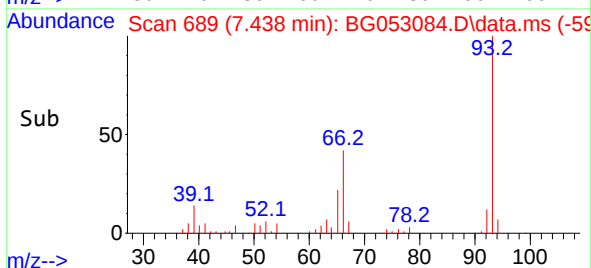
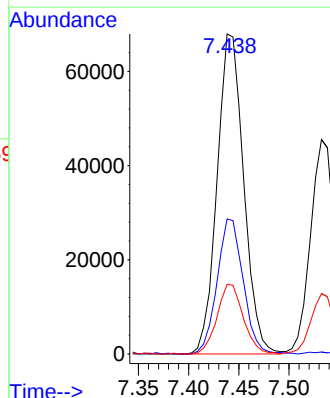
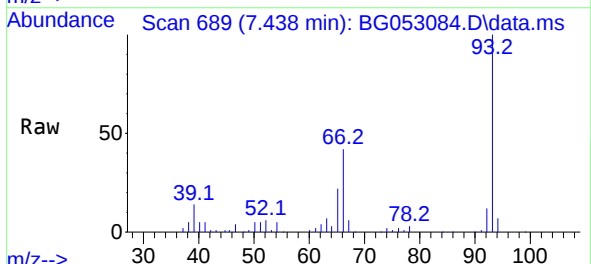
APPROVED

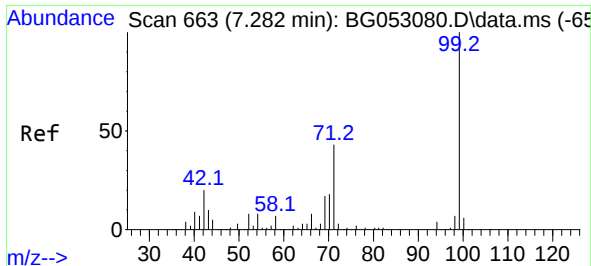
Reviewed By :Christian Giraldo 04/11/2022  
Supervised By :Jagrut Upadhyay 04/11/2022



#6  
Aniline  
Concen: 41.920 ng  
RT: 7.438 min Scan# 689  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

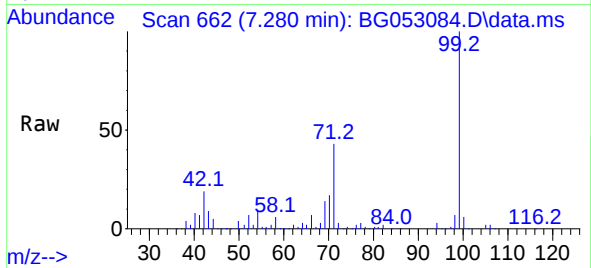
Tgt Ion: 93 Resp: 125233  
Ion Ratio Lower Upper  
93 100  
66 42.2 31.3 46.9  
65 21.7 16.7 25.1





#7  
Phenol-d6  
Concen: 82.424 ng  
RT: 7.280 min Scan# 662  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

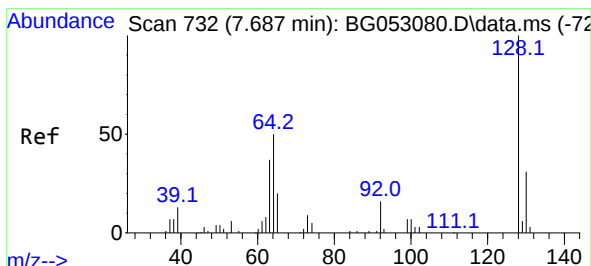
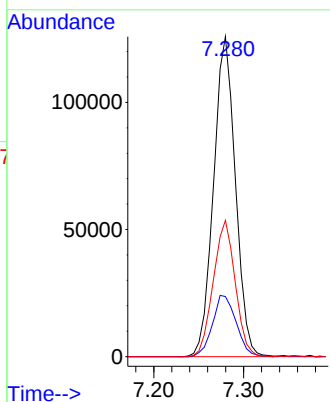
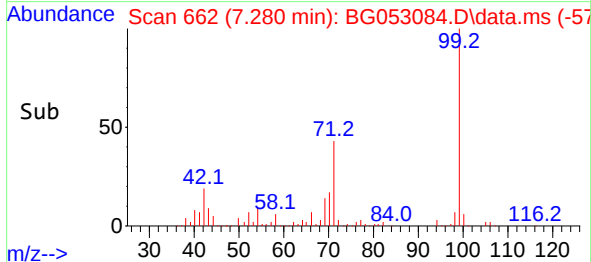
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG040822



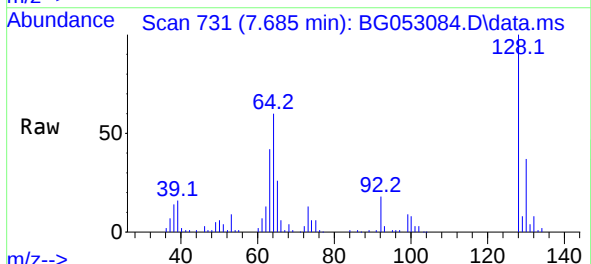
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Ion Ratio Lower Upper  
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71 42.6 29.2 43.8

Manual Integrations  
APPROVED

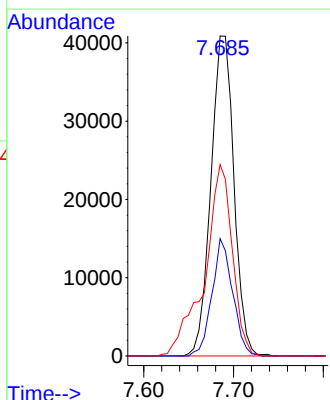
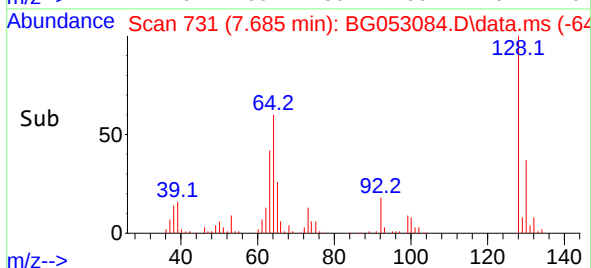
Reviewed By :Christian Giraldo 04/11/2022  
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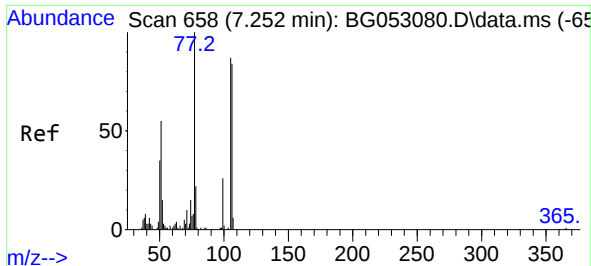


#8  
2-Chlorophenol  
Concen: 40.404 ng  
RT: 7.685 min Scan# 731  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03



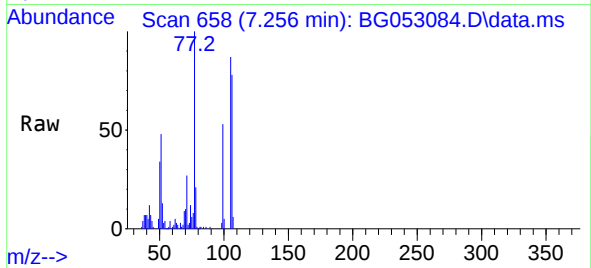
Tgt Ion:128 Resp: 72914  
Ion Ratio Lower Upper  
128 100  
130 36.6 13.4 53.4  
64 59.8 30.9 70.9





#9  
Benzaldehyde  
Concen: 38.682 ng  
RT: 7.256 min Scan# 61  
Delta R.T. 0.004 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

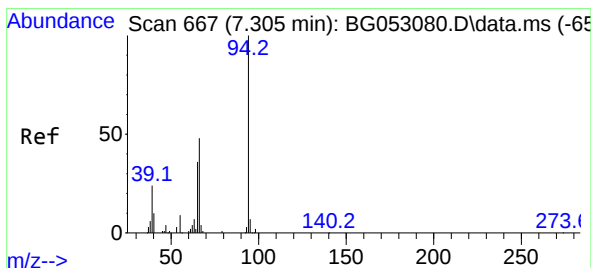
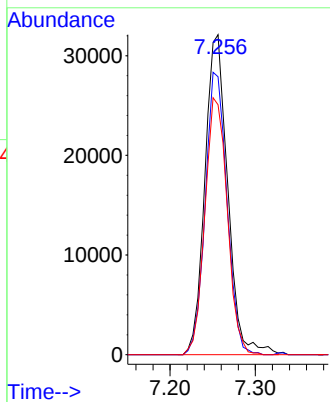
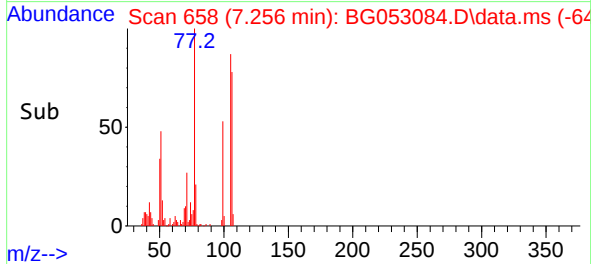
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG040822



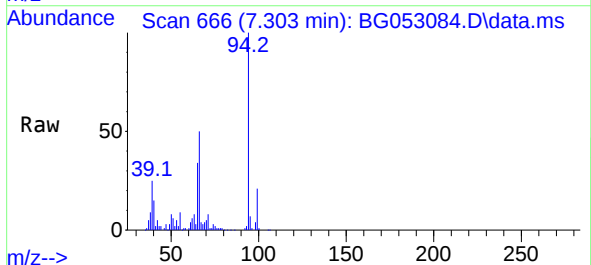
Tgt Ion: 77 Resp: 5960  
Ion Ratio Lower Upper  
77 100  
105 86.9 70.6 110.6  
106 78.1 67.6 107.6

Manual Integrations  
APPROVED

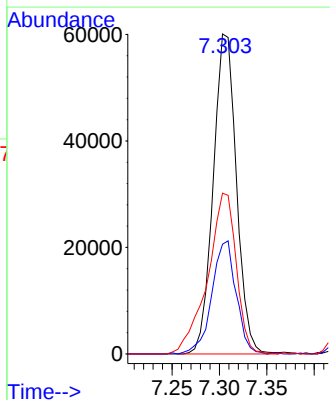
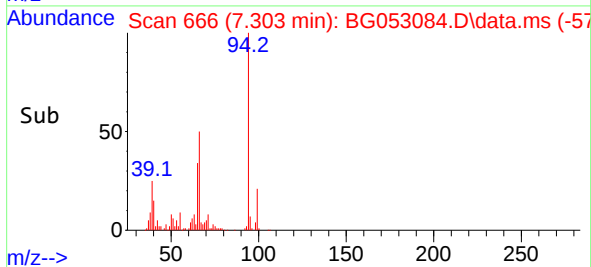
Reviewed By :Christian Giraldo 04/11/2022  
Supervised By :Jagrut Upadhyay 04/11/2022

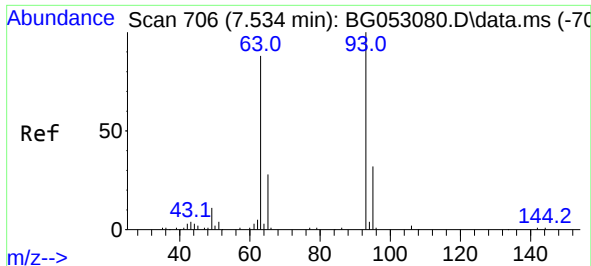


#10  
Phenol  
Concen: 39.946 ng  
RT: 7.303 min Scan# 666  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03



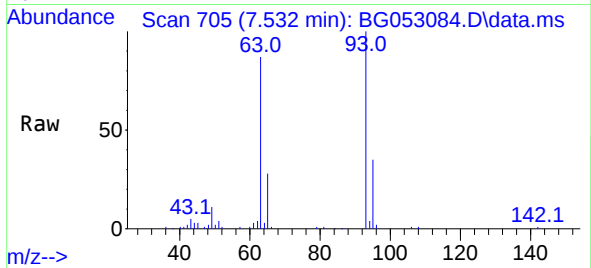
Tgt Ion: 94 Resp: 102498  
Ion Ratio Lower Upper  
94 100  
65 34.3 11.1 51.1  
66 50.3 20.0 60.0





#11  
bis(2-Chloroethyl)ether  
Concen: 41.452 ng  
RT: 7.532 min Scan# 706  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

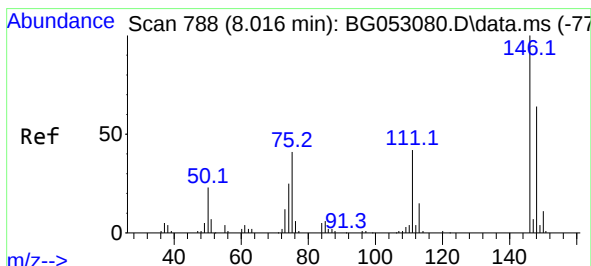
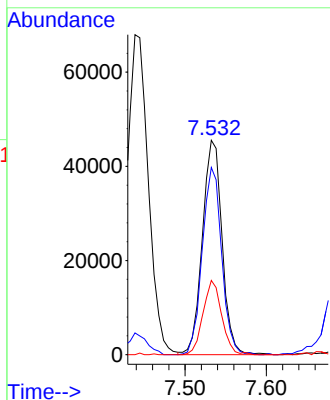
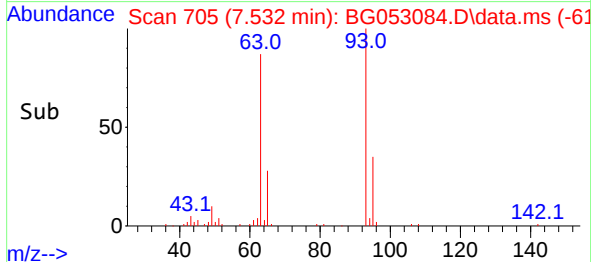
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG040822



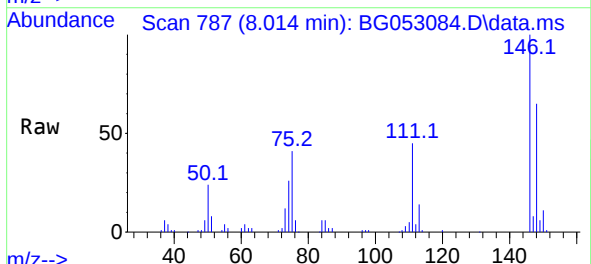
Tgt Ion: 93 Resp: 7667  
Ion Ratio Lower Upper  
93 100  
63 87.3 56.9 96.9  
95 34.6 14.5 54.5

Manual Integrations  
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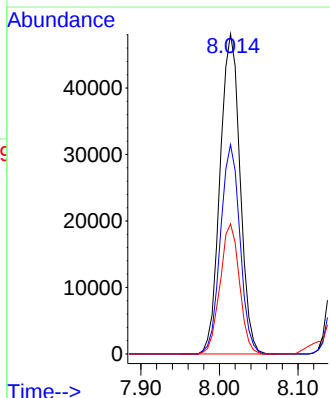
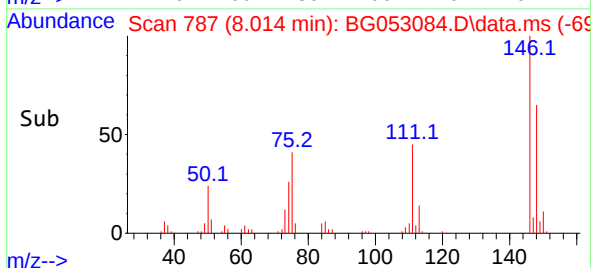
Reviewed By :Christian Giraldo 04/11/2022  
Supervised By :Jagrut Upadhyay 04/11/2022

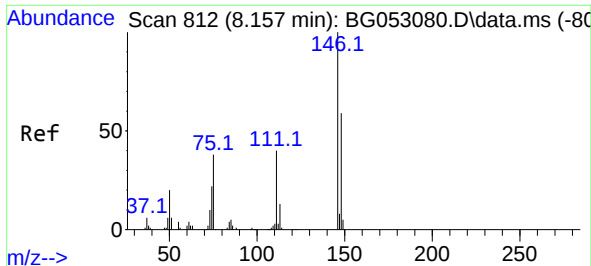


#12  
1,3-Dichlorobenzene  
Concen: 40.444 ng m  
RT: 8.014 min Scan# 787  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03



Tgt Ion:146 Resp: 84810  
Ion Ratio Lower Upper  
146 100  
148 65.4 50.6 76.0  
75 40.6 25.9 38.9#





#13

1,4-Dichlorobenzene

Concen: 40.256 ng

RT: 8.161 min Scan# 812

Delta R.T. 0.004 min

Lab File: BG053084.D

Acq: 8 Apr 2022 15:03

Instrument :

BNA\_G

ClientSampleId :

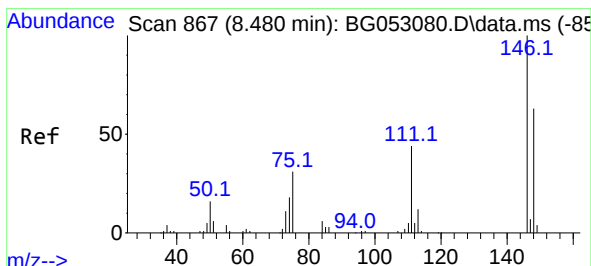
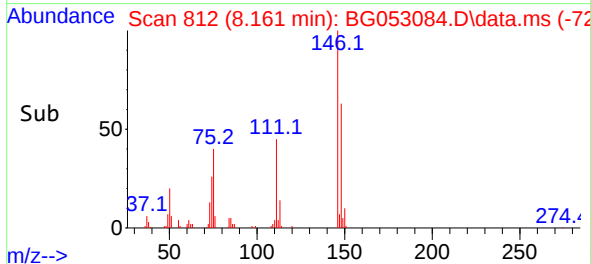
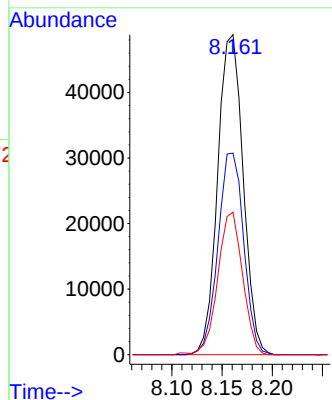
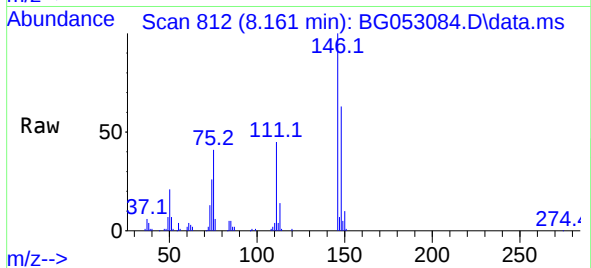
ICVBG040822

Tgt Ion:146 Resp: 8606  
 Ion Ratio Lower Upper  
 146 100  
 148 63.0 50.0 75.0  
 111 44.6 31.0 46.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/11/2022  
 Supervised By :Jagrut Upadhyay 04/11/2022



#14

1,2-Dichlorobenzene

Concen: 39.541 ng

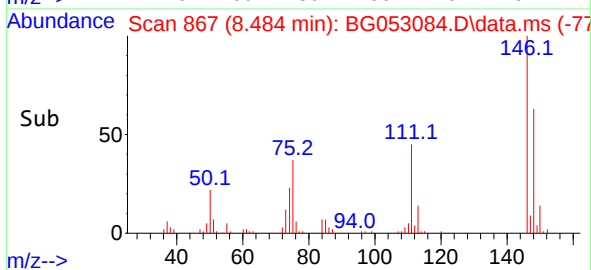
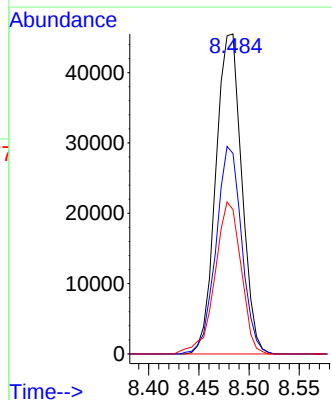
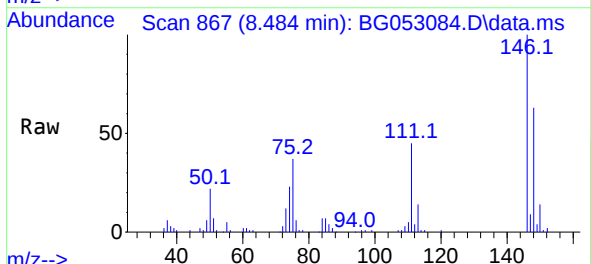
RT: 8.484 min Scan# 867

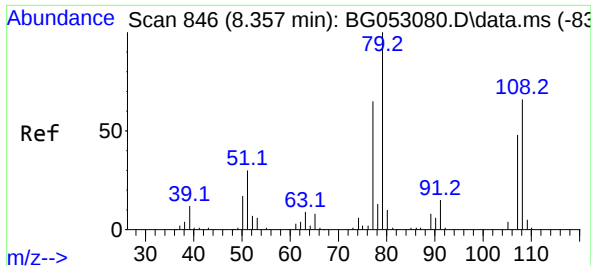
Delta R.T. 0.004 min

Lab File: BG053084.D

Acq: 8 Apr 2022 15:03

Tgt Ion:146 Resp: 81517  
 Ion Ratio Lower Upper  
 146 100  
 148 62.7 51.0 76.6  
 111 45.1 34.7 52.1





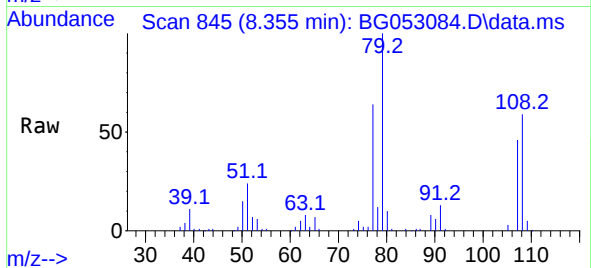
#15  
Benzyl Alcohol  
Concen: 41.498 ng  
RT: 8.355 min Scan# 846  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

Instrument :

BNA\_G

ClientSampleId :

ICVBG040822

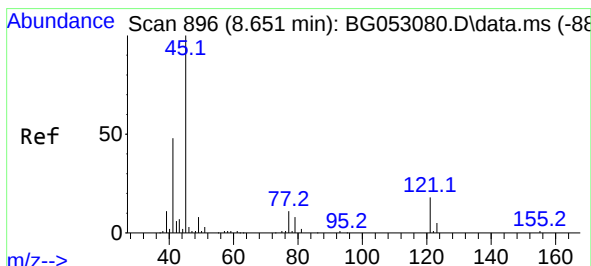
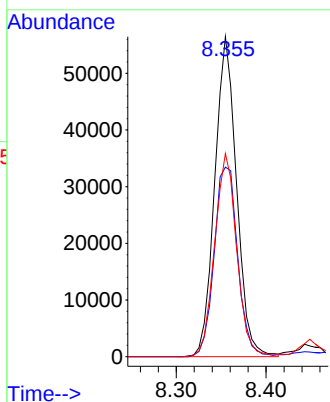
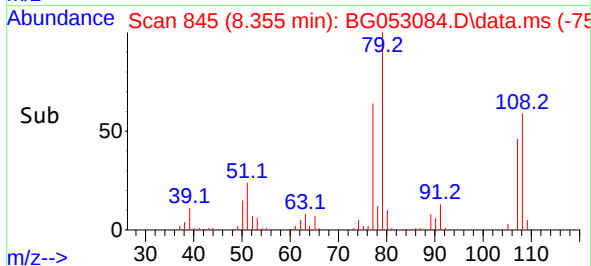


Tgt Ion: 79 Resp: 95083  
Ion Ratio Lower Upper  
79 100  
108 59.2 55.1 82.7  
77 63.5 52.4 78.6

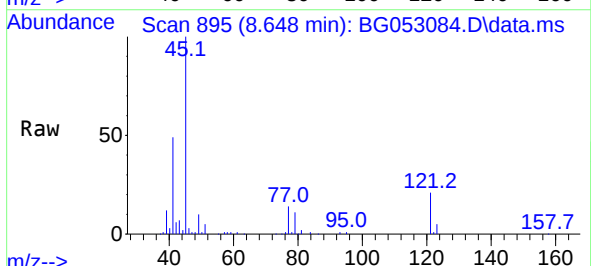
Manual Integrations

APPROVED

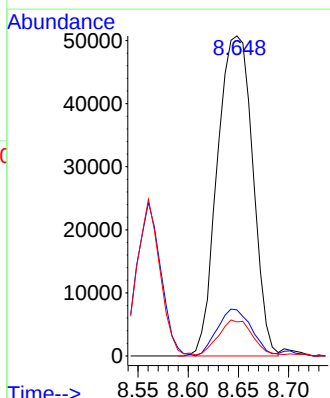
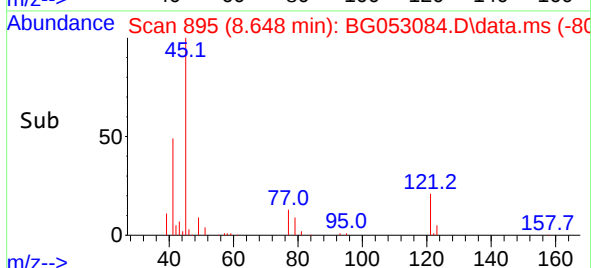
Reviewed By :Christian Giraldo 04/11/2022  
Supervised By :Jagrut Upadhyay 04/11/2022

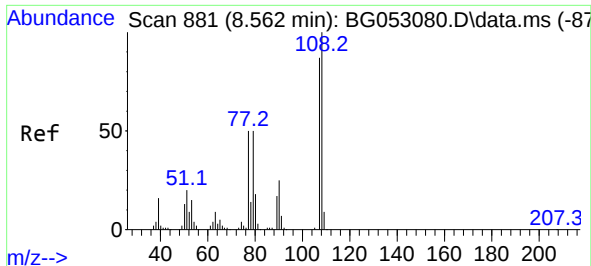


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.295 ng  
RT: 8.648 min Scan# 895  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03



Tgt Ion: 45 Resp: 124431  
Ion Ratio Lower Upper  
45 100  
77 14.4 0.0 34.9  
79 10.6 0.0 30.7





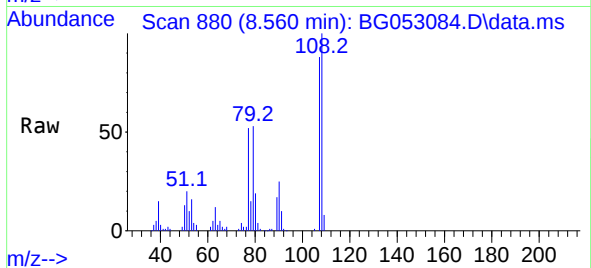
#17  
2-Methylphenol  
Concen: 40.922 ng  
RT: 8.560 min Scan# 81  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

Instrument :

BNA\_G

ClientSampleId :

ICVBG040822

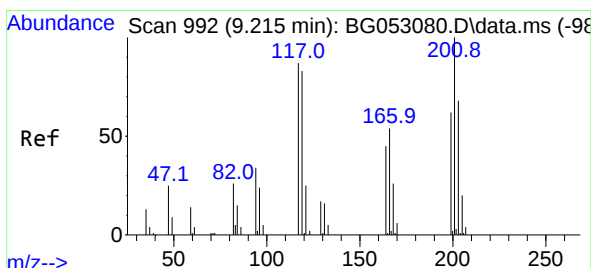
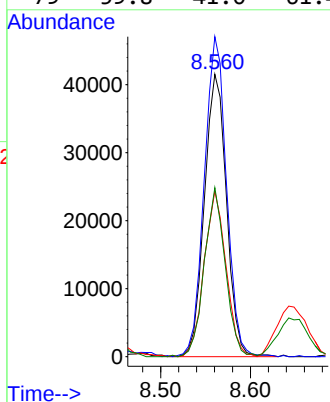
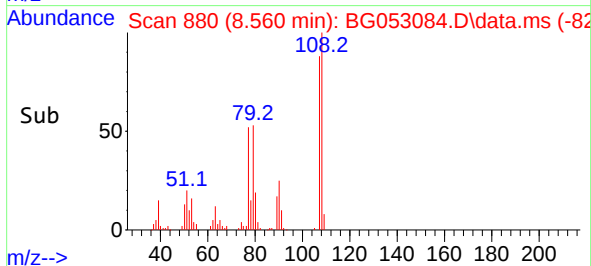


Tgt Ion:107 Resp: 71054  
Ion Ratio Lower Upper  
107 100  
108 113.3 91.5 137.3  
77 58.6 42.5 63.7  
79 59.8 41.0 61.4

Manual Integrations

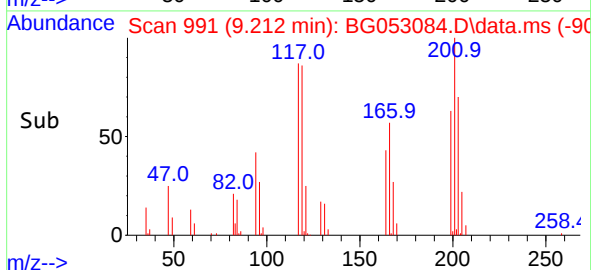
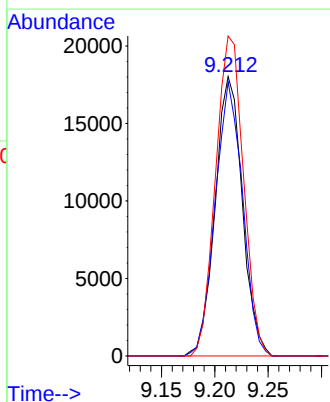
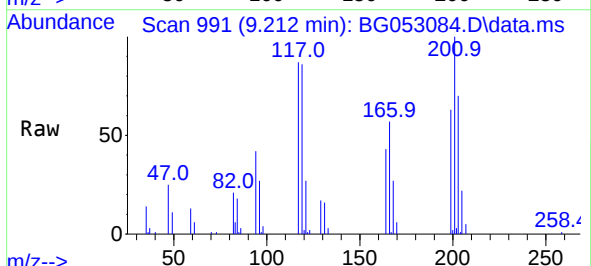
APPROVED

Reviewed By :Christian Giraldo 04/11/2022  
Supervised By :Jagrut Upadhyay 04/11/2022



#18  
Hexachloroethane  
Concen: 39.830 ng  
RT: 9.212 min Scan# 991  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

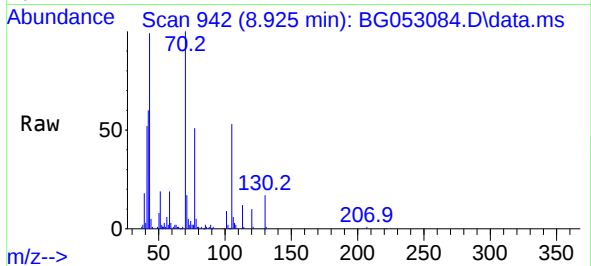
Tgt Ion:117 Resp: 31931  
Ion Ratio Lower Upper  
117 100  
119 98.1 75.1 112.7  
201 114.6 96.6 145.0





#19  
n-Nitroso-di-n-propylamine  
Concen: 41.213 ng  
RT: 8.925 min Scan# 94  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

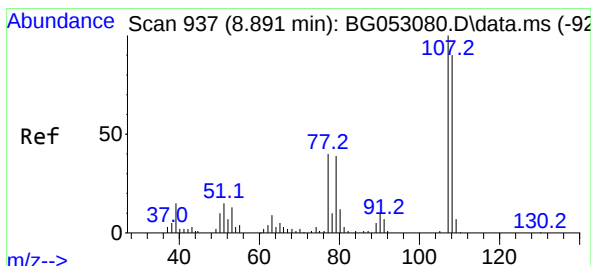
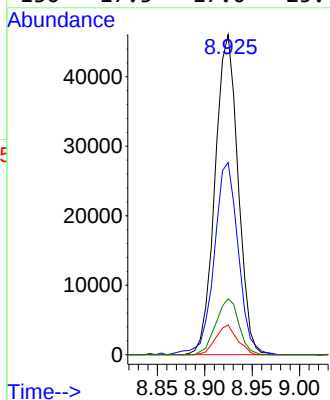
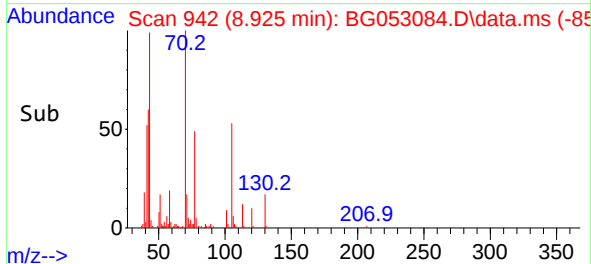
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG040822



Tgt Ion: 70 Resp: 7777  
Ion Ratio Lower Upper  
70 100  
42 60.1 46.0 69.0  
101 9.3 6.2 9.4  
130 17.5 17.0 25.4

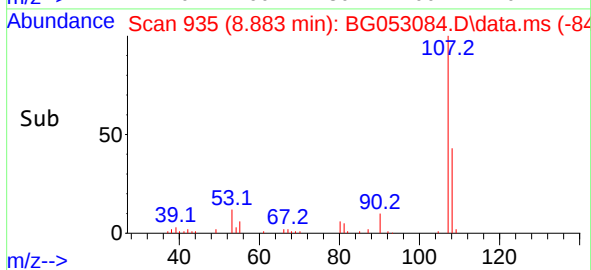
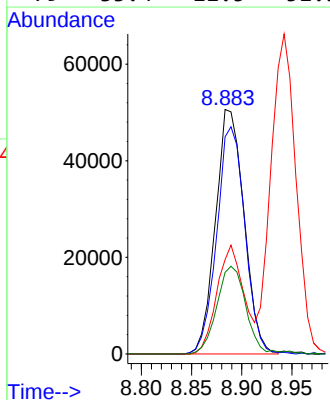
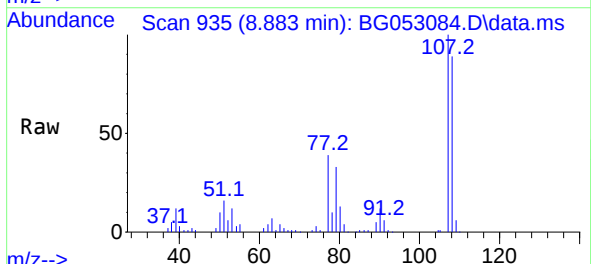
Manual Integrations  
APPROVED

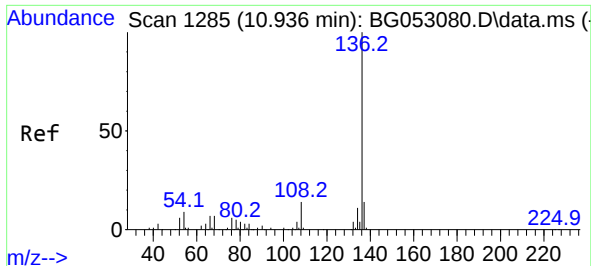
Reviewed By :Christian Giraldo 04/11/2022  
Supervised By :Jagrut Upadhyay 04/11/2022



#20  
3+4-Methylphenols  
Concen: 40.779 ng  
RT: 8.883 min Scan# 935  
Delta R.T. -0.008 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

Tgt Ion:107 Resp: 99955  
Ion Ratio Lower Upper  
107 100  
108 88.8 64.8 104.8  
77 38.5 15.9 55.9  
79 33.4 11.5 51.5





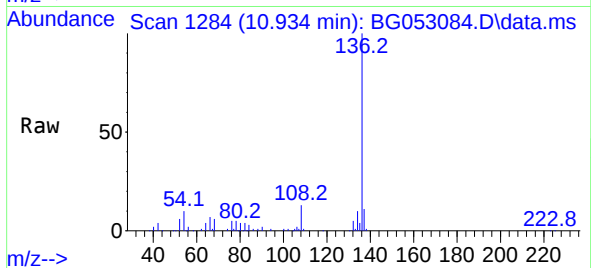
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.934 min Scan# 116220  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

Instrument :

BNA\_G

ClientSampleId :

ICVBG040822



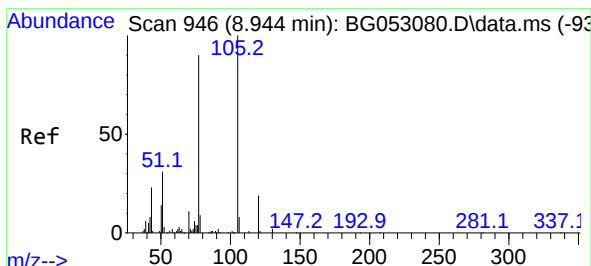
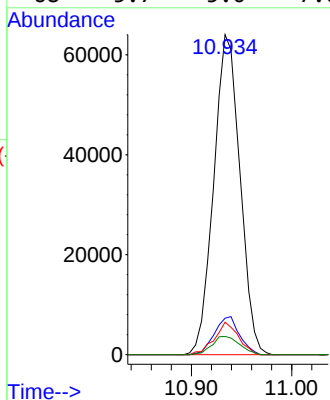
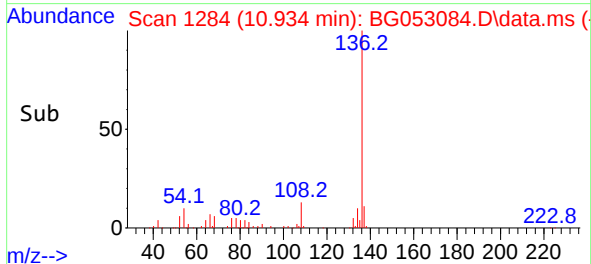
Tgt Ion:136 Resp: 116220

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.4  | 9.4   | 14.2  |
| 54  | 10.2  | 6.4   | 9.6   |
| 68  | 5.7   | 5.0   | 7.6   |

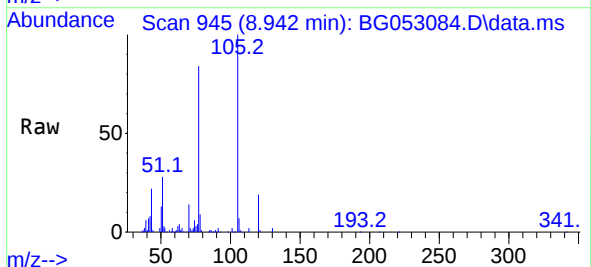
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/11/2022  
Supervised By :Jagrut Upadhyay 04/11/2022

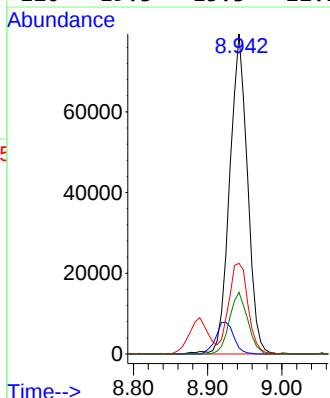
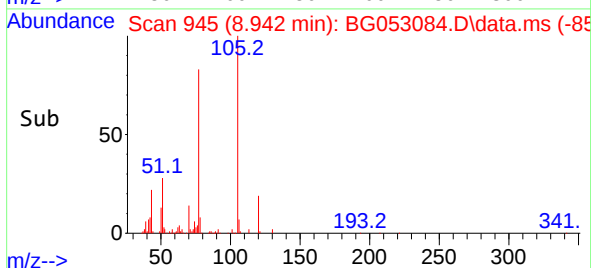


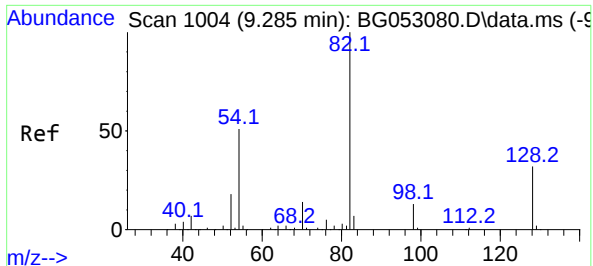
#22  
Acetophenone  
Concen: 40.910 ng  
RT: 8.942 min Scan# 945  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03



Tgt Ion:105 Resp: 131906

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 71  | 1.9   | 2.1   | 3.1   |
| 51  | 28.3  | 21.9  | 32.9  |
| 120 | 19.3  | 15.3  | 22.9  |





#23

Nitrobenzene-d5

Concen: 79.880 ng

RT: 9.283 min Scan# 10

Delta R.T. -0.002 min

Lab File: BG053084.D

Acq: 8 Apr 2022 15:03

Instrument :

BNA\_G

ClientSampleId :

ICVBG040822

Tgt Ion: 82 Resp: 22864

Ion Ratio Lower Upper

82 100

128 36.1 31.3 46.9

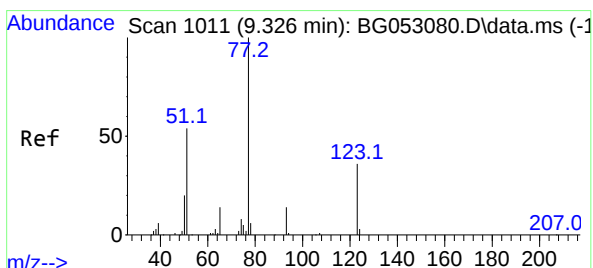
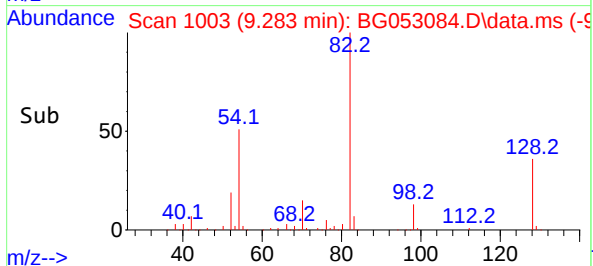
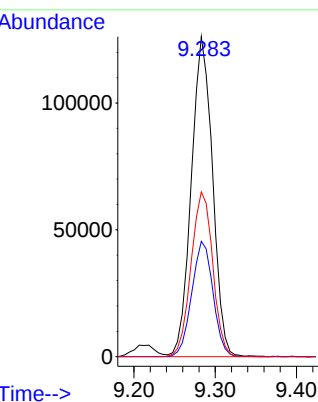
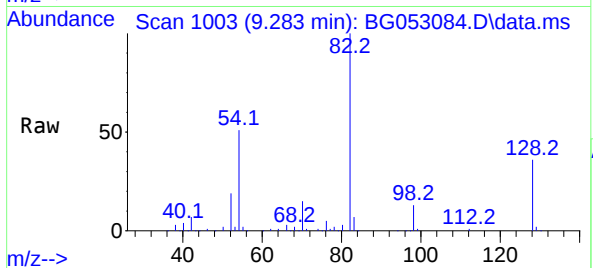
54 51.5 37.8 56.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/11/2022

Supervised By :Jagrut Upadhyay 04/11/2022



#24

Nitrobenzene

Concen: 39.908 ng

RT: 9.324 min Scan# 1010

Delta R.T. -0.002 min

Lab File: BG053084.D

Acq: 8 Apr 2022 15:03

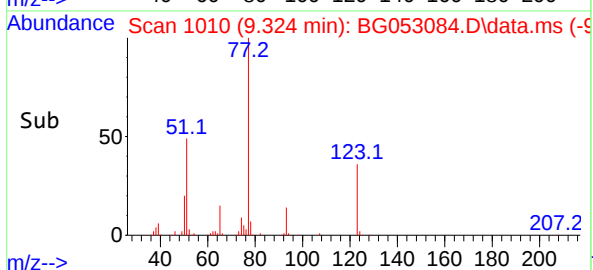
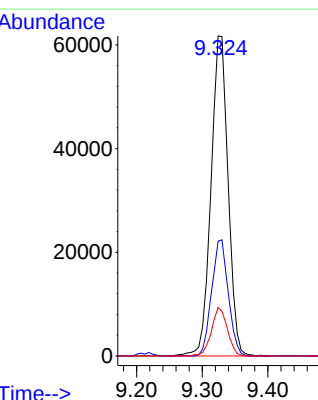
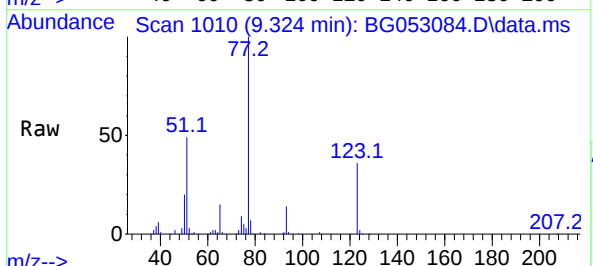
Tgt Ion: 77 Resp: 111109

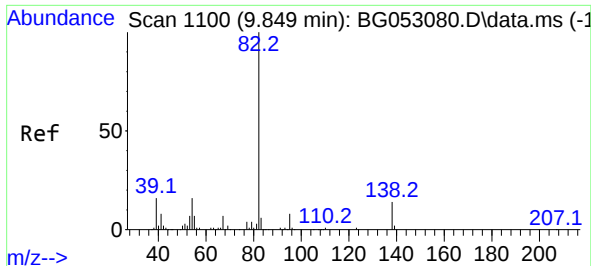
Ion Ratio Lower Upper

77 100

123 35.9 34.4 51.6

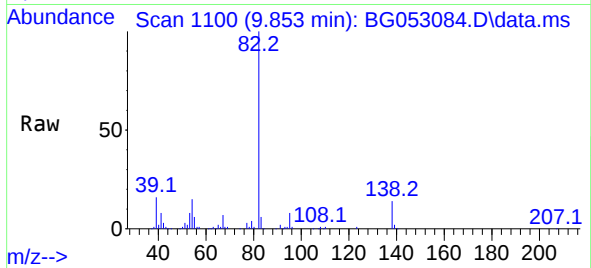
65 15.1 11.2 16.8





#25  
Isophorone  
Concen: 41.485 ng  
RT: 9.853 min Scan# 1100  
Delta R.T. 0.004 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

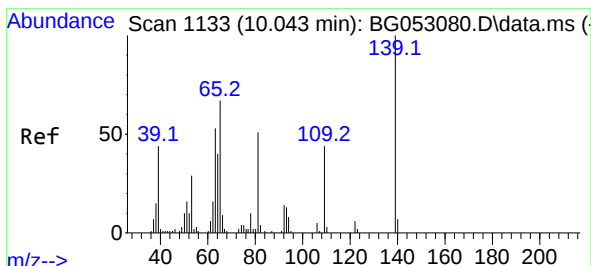
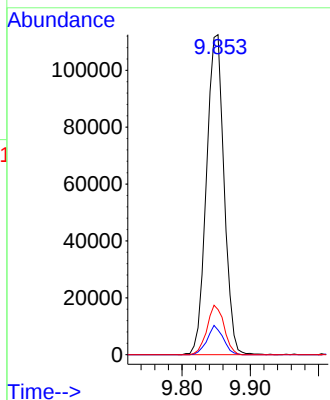
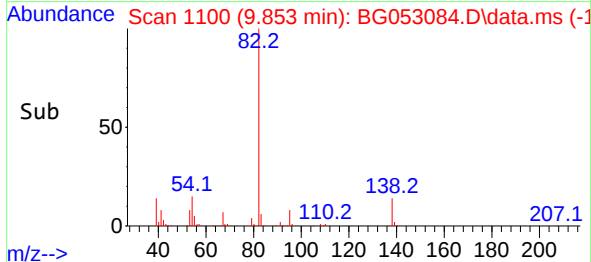
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG040822



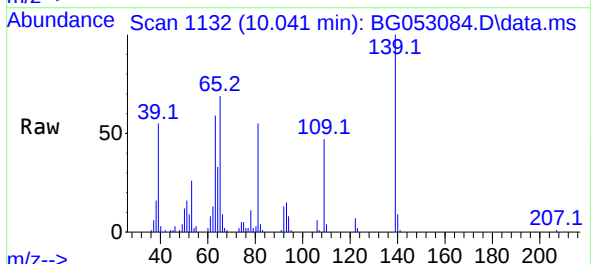
Tgt Ion: 82 Resp: 201828  
Ion Ratio Lower Upper  
82 100  
95 7.7 5.8 8.6  
138 14.1 12.6 18.8

Manual Integrations  
APPROVED

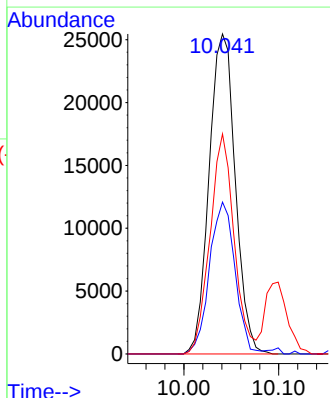
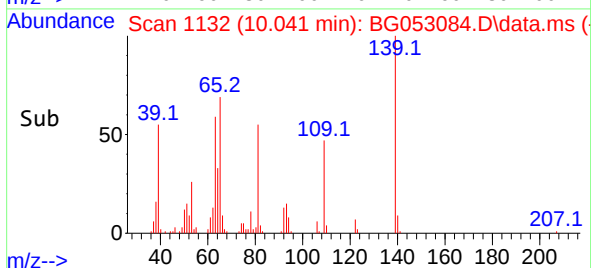
Reviewed By :Christian Giraldo 04/11/2022  
Supervised By :Jagrut Upadhyay 04/11/2022

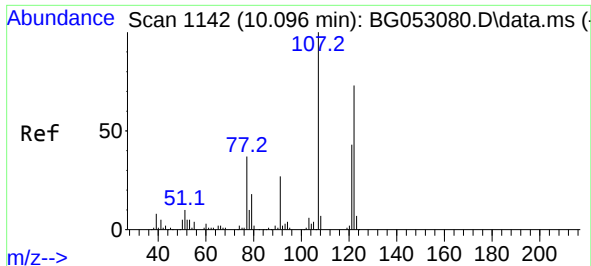


#26  
2-Nitrophenol  
Concen: 41.893 ng  
RT: 10.041 min Scan# 1132  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03



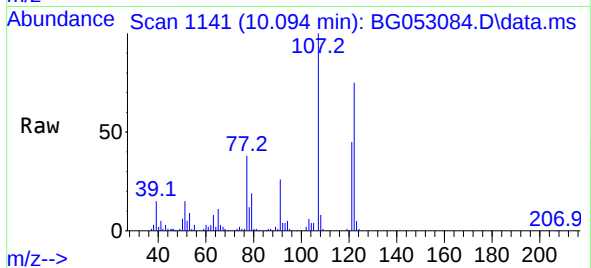
Tgt Ion:139 Resp: 48771  
Ion Ratio Lower Upper  
139 100  
109 47.5 29.4 44.0#  
65 68.8 48.2 72.2





#27  
2,4-Dimethylphenol  
Concen: 41.066 ng  
RT: 10.094 min Scan# 1142  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

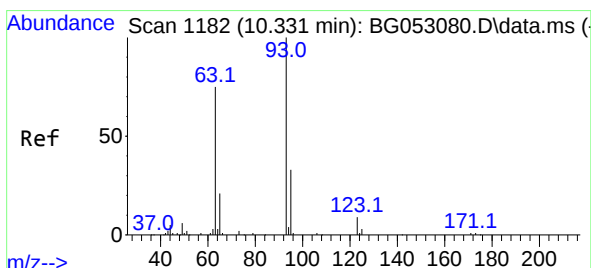
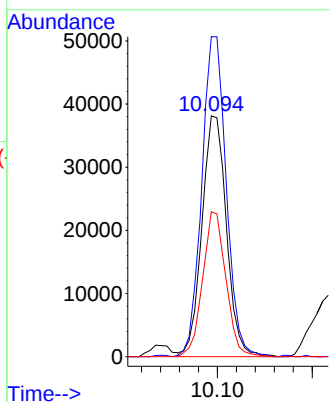
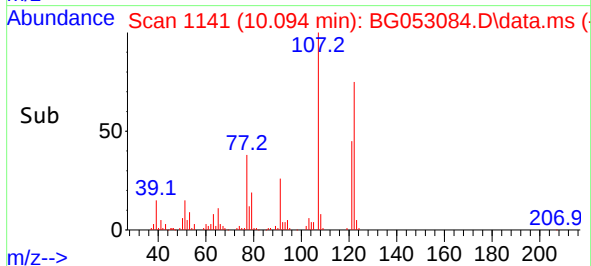
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG040822



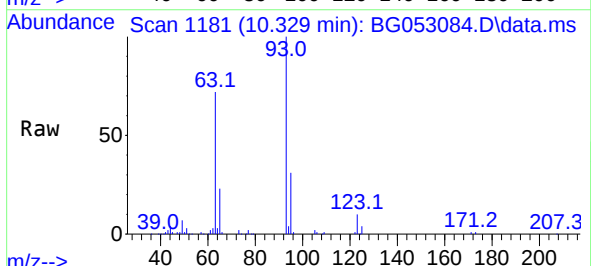
Tgt Ion:122 Resp: 6847  
Ion Ratio Lower Upper  
122 100  
107 132.9 96.7 145.1  
121 60.2 46.3 69.5

Manual Integrations  
APPROVED

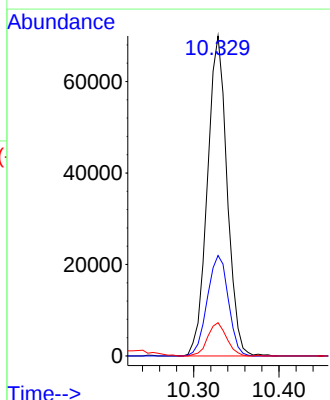
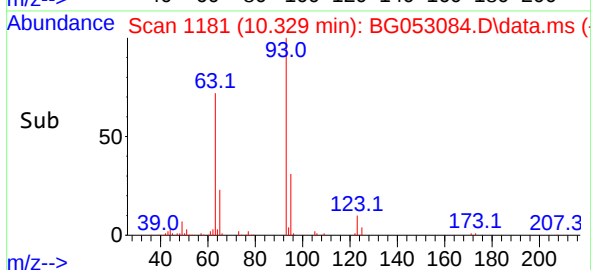
Reviewed By :Christian Giraldo 04/11/2022  
Supervised By :Jagrut Upadhyay 04/11/2022

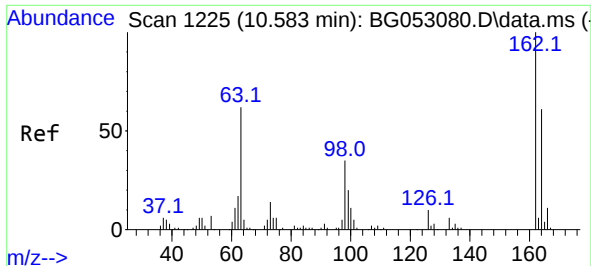


#28  
bis(2-Chloroethoxy)methane  
Concen: 41.159 ng  
RT: 10.329 min Scan# 1181  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03



Tgt Ion: 93 Resp: 112498  
Ion Ratio Lower Upper  
93 100  
95 31.4 26.5 39.7  
123 10.4 8.6 12.8





#29

2,4-Dichlorophenol

Concen: 41.237 ng

RT: 10.581 min Scan# 1225

Delta R.T. -0.002 min

Lab File: BG053084.D

Acq: 8 Apr 2022 15:03

Instrument :

BNA\_G

ClientSampleId :

ICVBG040822

Tgt Ion:162 Resp: 8643

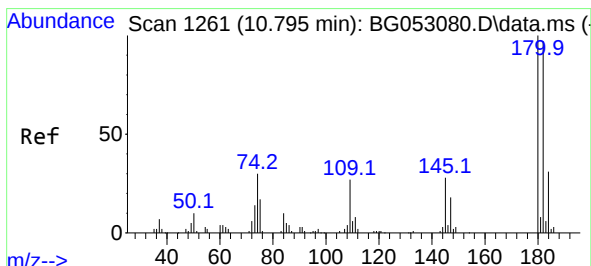
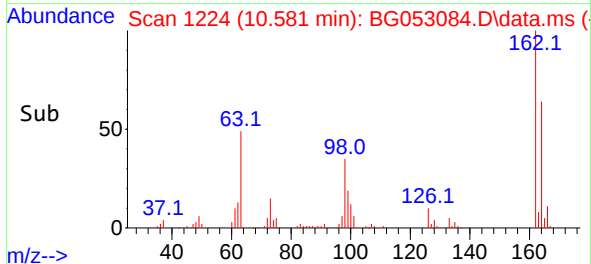
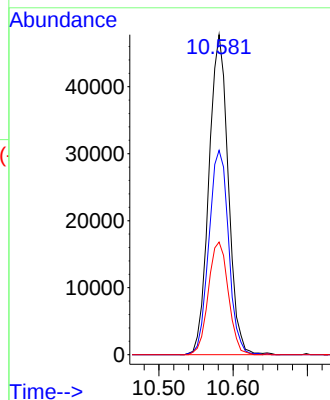
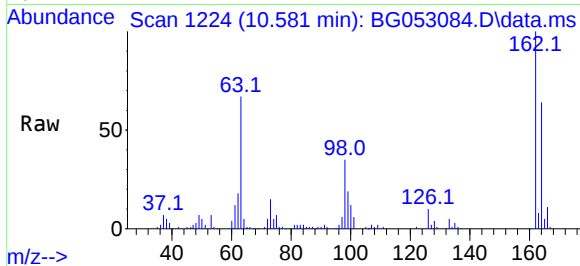
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 164 | 63.9  | 44.0  | 84.0  |
| 98  | 35.2  | 17.3  | 57.3  |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/11/2022

Supervised By :Jagrut Upadhyay 04/11/2022



#30

1,2,4-Trichlorobenzene

Concen: 40.405 ng

RT: 10.798 min Scan# 1261

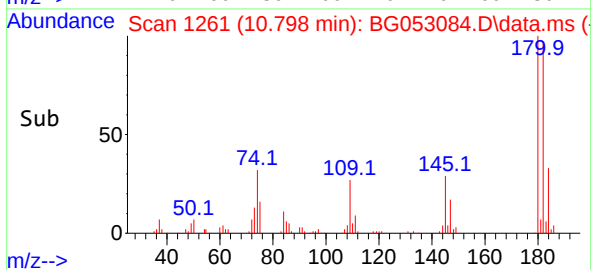
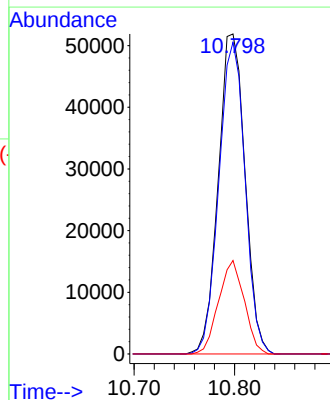
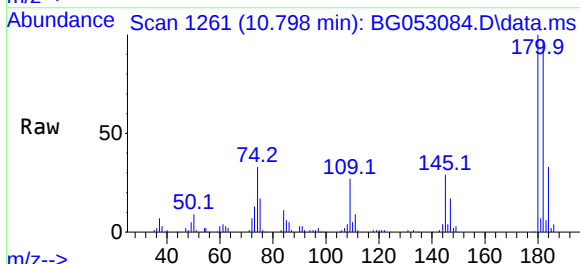
Delta R.T. 0.004 min

Lab File: BG053084.D

Acq: 8 Apr 2022 15:03

Tgt Ion:180 Resp: 95855

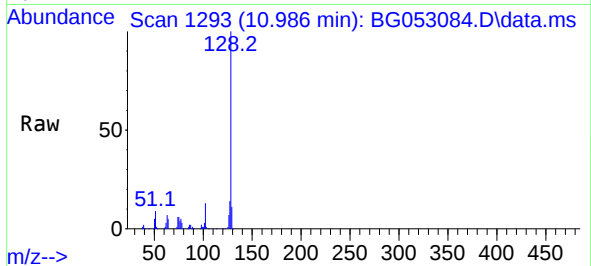
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 97.4  | 77.8  | 116.6 |
| 145 | 29.2  | 24.4  | 36.6  |





#31  
Naphthalene  
Concen: 40.086 ng  
RT: 10.986 min Scan# 1294  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

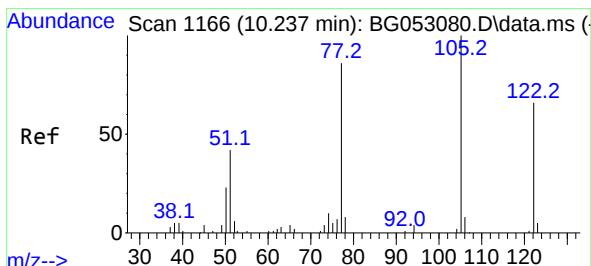
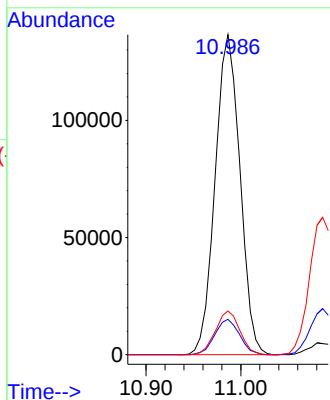
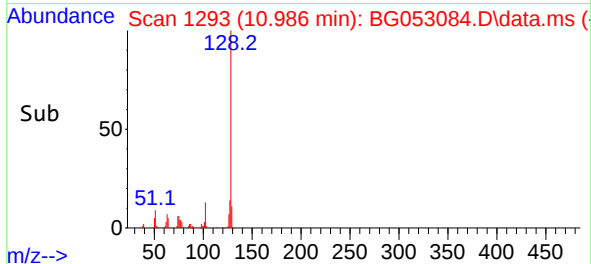
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG040822



Tgt Ion:128 Resp: 248550  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.8 13.2  
127 13.6 10.5 15.7

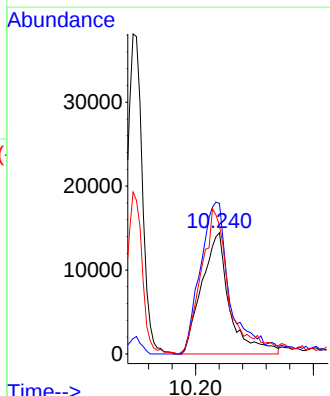
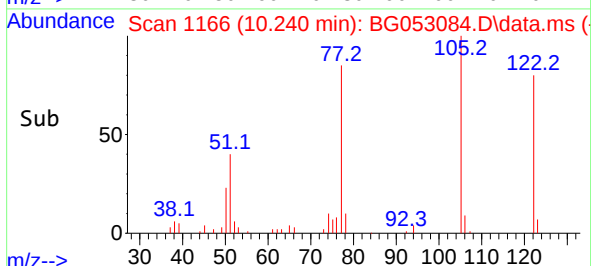
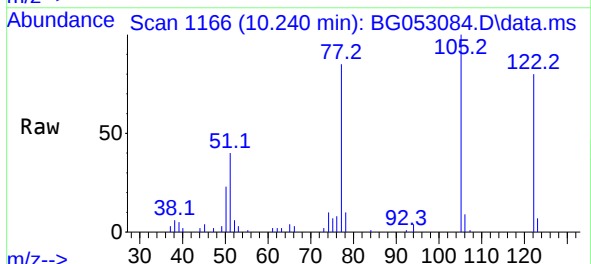
Manual Integrations  
APPROVED

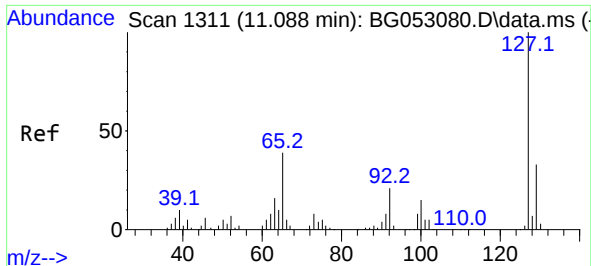
Reviewed By :Christian Giraldo 04/11/2022  
Supervised By :Jagrut Upadhyay 04/11/2022



#32  
Benzoic acid  
Concen: 44.226 ng  
RT: 10.240 min Scan# 1166  
Delta R.T. 0.003 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

Tgt Ion:122 Resp: 47655  
Ion Ratio Lower Upper  
122 100  
105 124.3 112.8 152.8  
77 106.0 78.4 118.4





#33  
4-Chloroaniline  
Concen: 41.778 ng  
RT: 11.086 min Scan# 110934  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

Instrument :

BNA\_G

ClientSampleId :

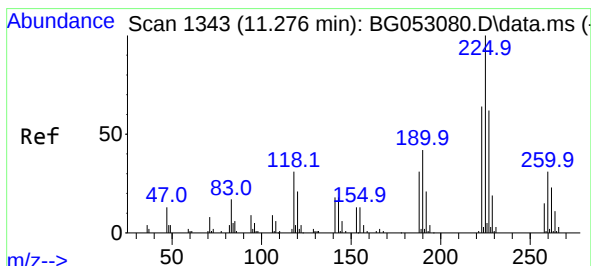
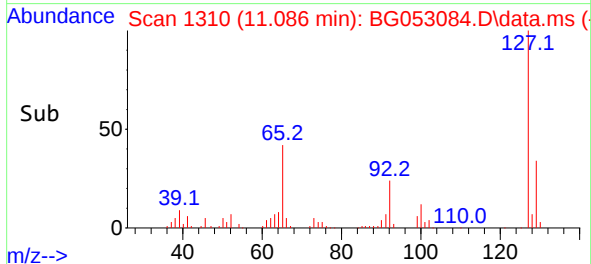
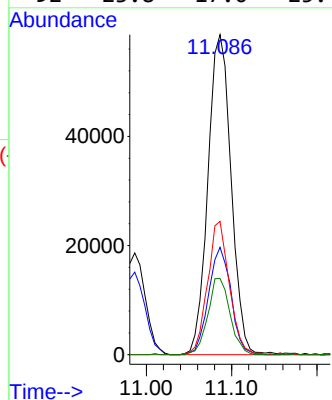
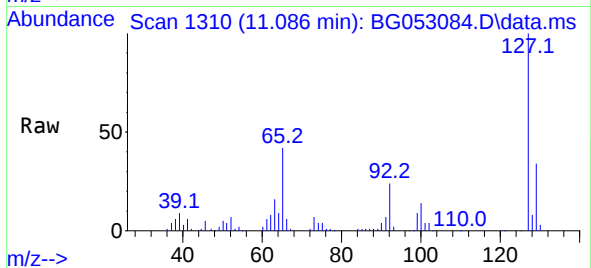
ICVBG040822

Tgt Ion:127 Resp: 110934  
Ion Ratio Lower Upper  
127 100  
129 33.6 27.6 41.4  
65 41.6 28.2 42.4  
92 23.8 17.0 25.4

Manual Integrations

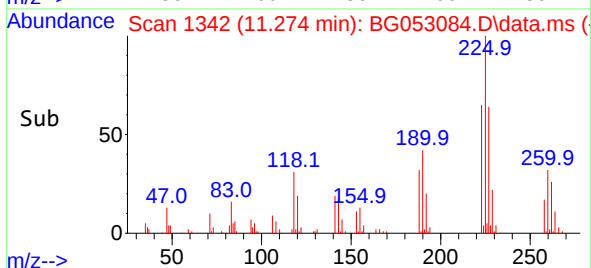
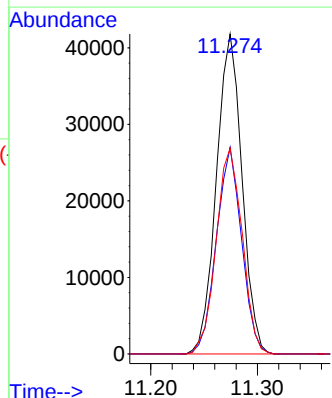
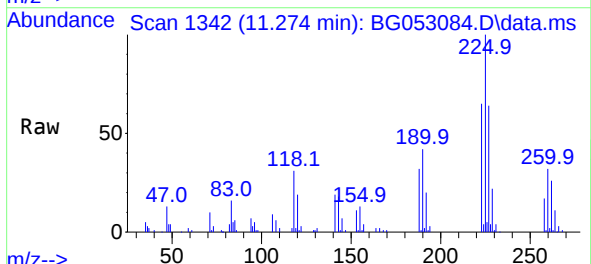
APPROVED

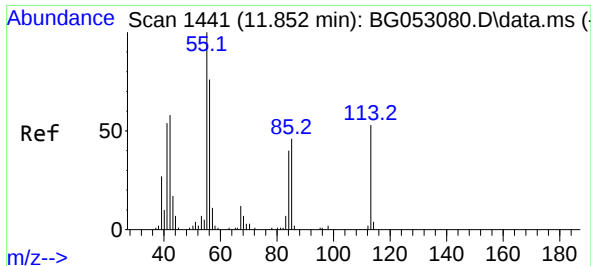
Reviewed By :Christian Giraldo 04/11/2022  
Supervised By :Jagrut Upadhyay 04/11/2022



#34  
Hexachlorobutadiene  
Concen: 39.536 ng  
RT: 11.274 min Scan# 1342  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

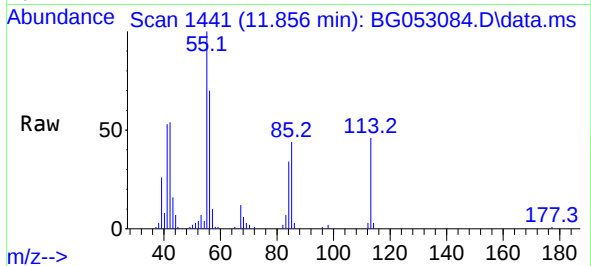
Tgt Ion:225 Resp: 69671  
Ion Ratio Lower Upper  
225 100  
223 64.5 50.2 75.2  
227 64.3 52.0 78.0





#35  
Caprolactam  
Concen: 41.881 ng  
RT: 11.856 min Scan# 1441  
Delta R.T. 0.004 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

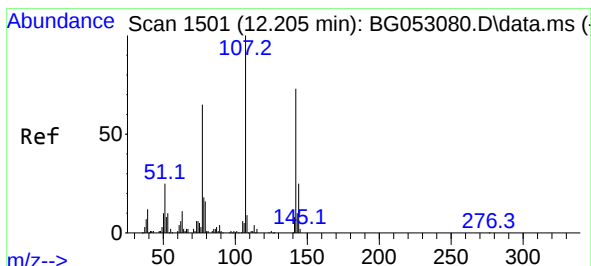
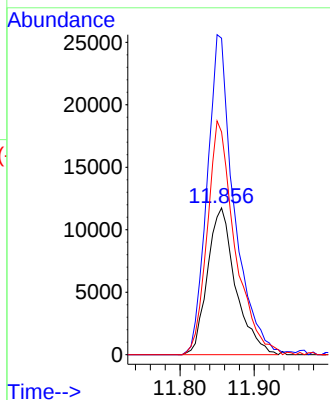
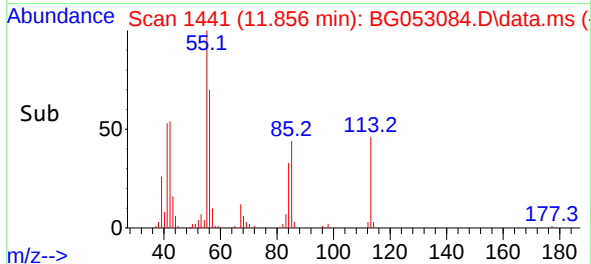
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG040822



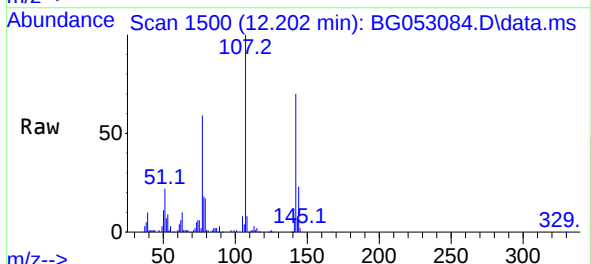
Tgt Ion:113 Resp: 3094  
Ion Ratio Lower Upper  
113 100  
55 215.6 151.3 191.3  
56 151.7 128.5 168.5

Manual Integrations  
APPROVED

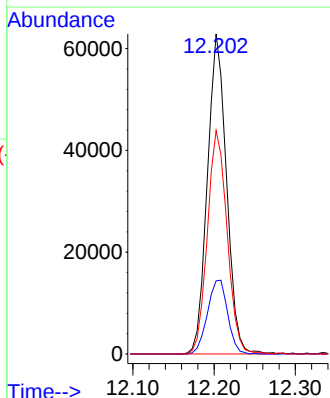
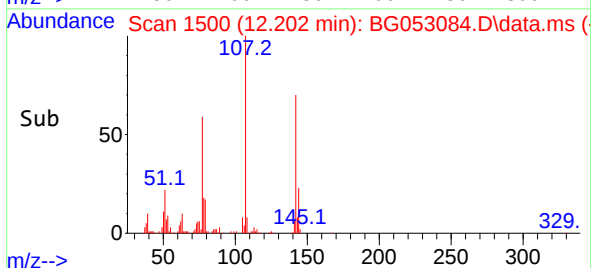
Reviewed By :Christian Giraldo 04/11/2022  
Supervised By :Jagrut Upadhyay 04/11/2022

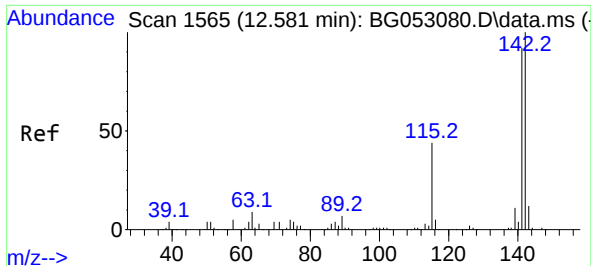


#36  
4-Chloro-3-methylphenol  
Concen: 42.124 ng  
RT: 12.202 min Scan# 1500  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03



Tgt Ion:107 Resp: 102794  
Ion Ratio Lower Upper  
107 100  
144 22.9 21.4 32.0  
142 69.8 61.7 92.5





#37

2-Methylnaphthalene

Concen: 40.649 ng

RT: 12.584 min Scan# 1565

Delta R.T. 0.004 min

Lab File: BG053084.D

Acq: 8 Apr 2022 15:03

Instrument :

BNA\_G

ClientSampleId :

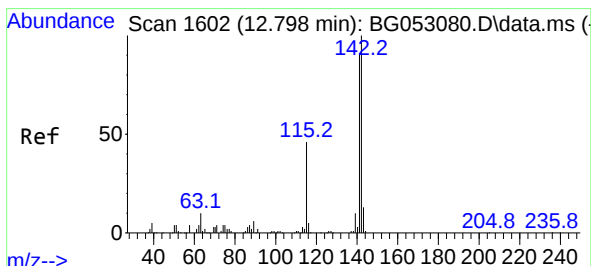
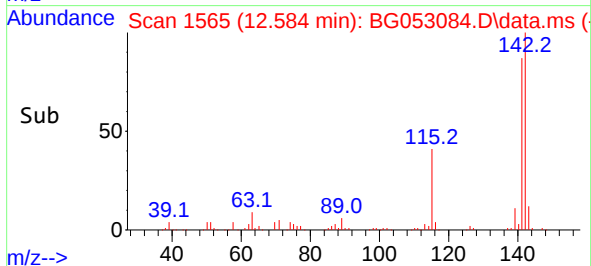
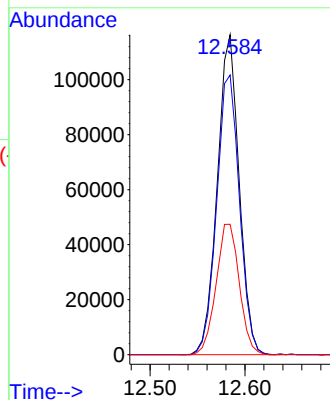
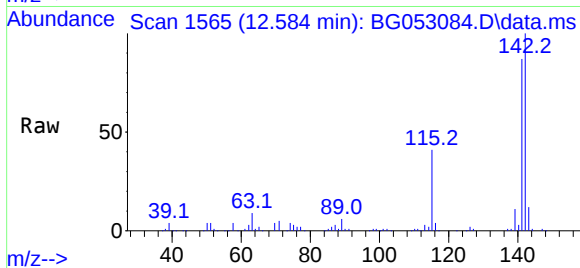
ICVBG040822

Tgt Ion:142 Resp: 18650  
 Ion Ratio Lower Upper  
 142 100  
 141 87.4 71.3 106.9  
 115 40.7 29.5 44.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/11/2022  
 Supervised By :Jagrut Upadhyay 04/11/2022



#38

1-Methylnaphthalene

Concen: 40.295 ng

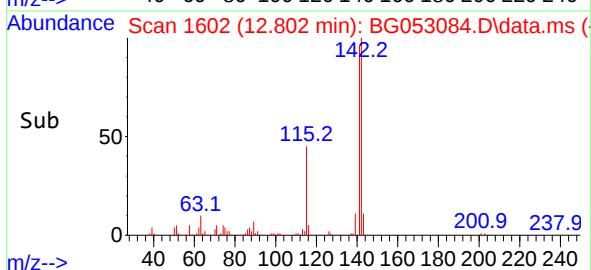
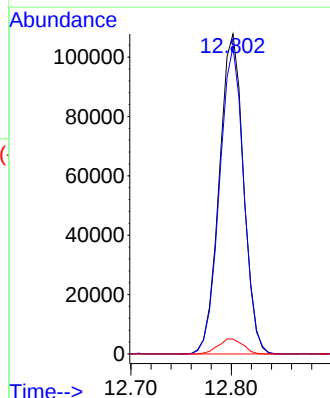
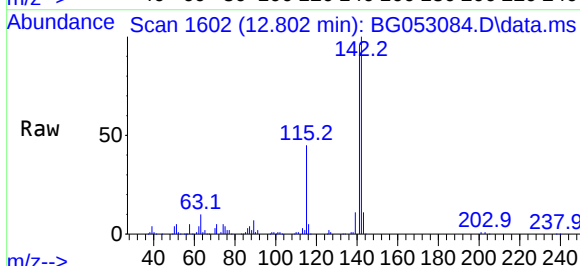
RT: 12.802 min Scan# 1602

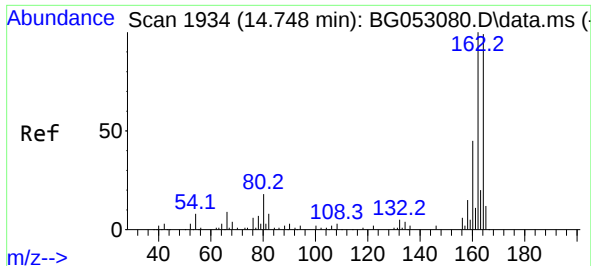
Delta R.T. 0.004 min

Lab File: BG053084.D

Acq: 8 Apr 2022 15:03

Tgt Ion:142 Resp: 180464  
 Ion Ratio Lower Upper  
 142 100  
 141 96.0 70.5 105.7  
 116 4.6 3.1 4.7





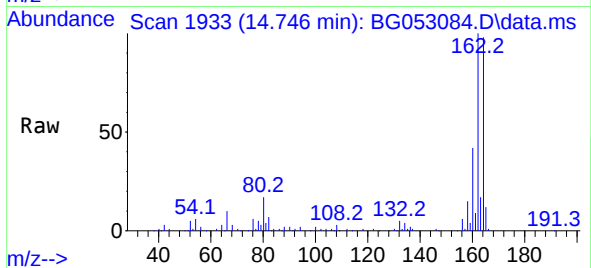
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.746 min Scan# 1934  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

Instrument :

BNA\_G

ClientSampleId :

ICVBG040822

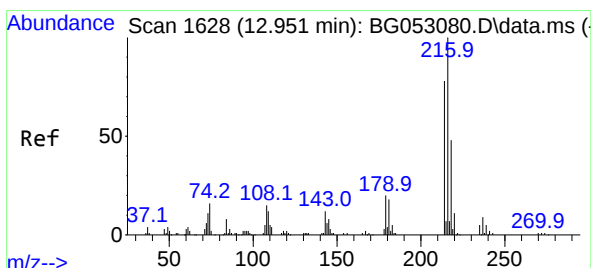
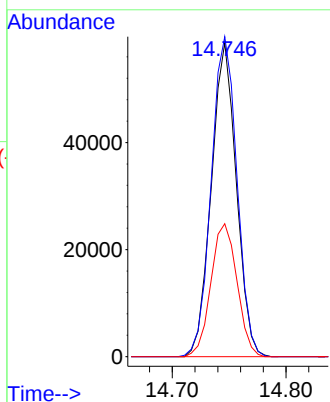
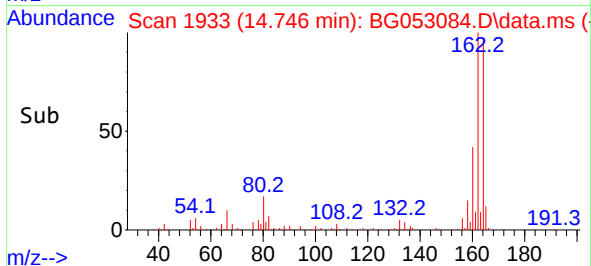


Tgt Ion:164 Resp: 8952  
Ion Ratio Lower Upper  
164 100  
162 101.9 80.0 120.0  
160 42.4 38.8 58.2

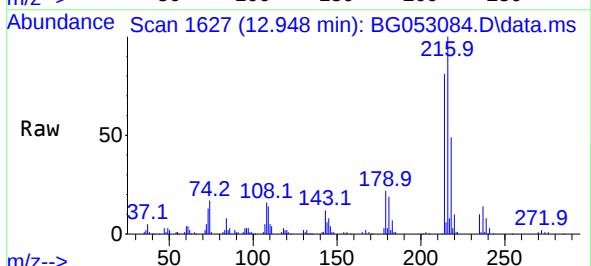
Manual Integrations

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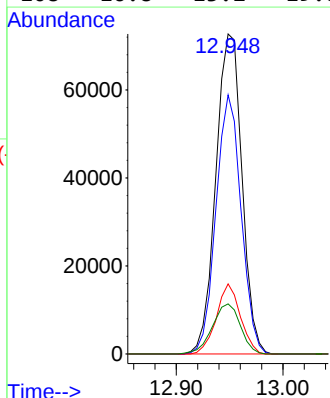
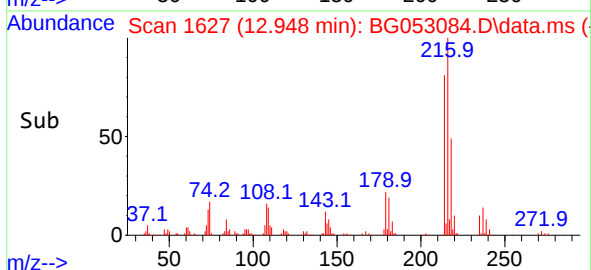
Reviewed By :Christian Giraldo 04/11/2022  
Supervised By :Jagrut Upadhyay 04/11/2022

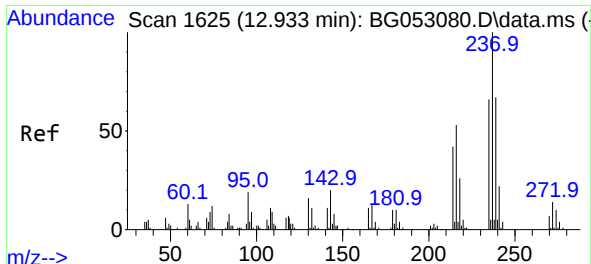


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 40.701 ng  
RT: 12.948 min Scan# 1627  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03



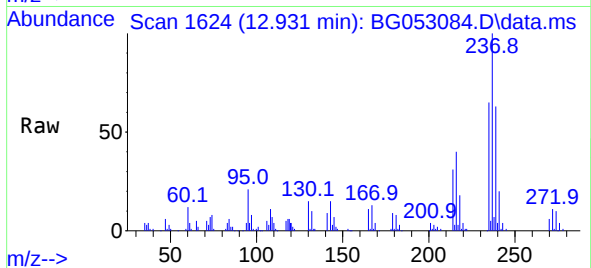
Tgt Ion:216 Resp: 123750  
Ion Ratio Lower Upper  
216 100  
214 77.9 63.8 95.6  
179 20.1 15.7 23.5  
108 16.8 13.2 19.8





#41  
Hexachlorocyclopentadiene  
Concen: 41.928 ng  
RT: 12.931 min Scan# 1624  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

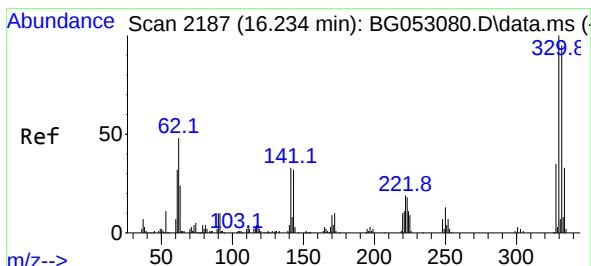
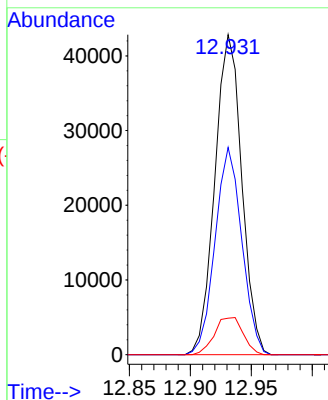
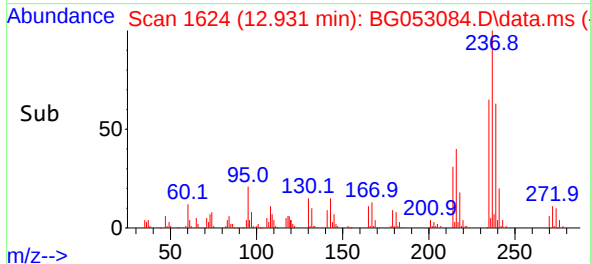
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG040822



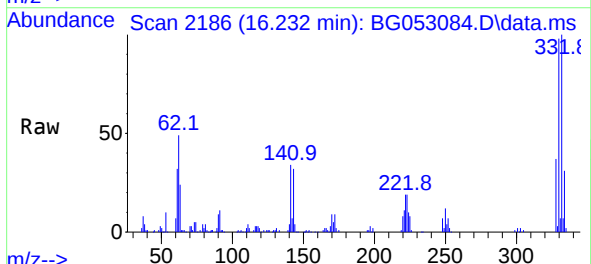
Tgt Ion:237 Resp: 6580  
Ion Ratio Lower Upper  
237 100  
235 64.7 37.7 77.7  
272 11.4 0.0 30.7

Manual Integrations  
APPROVED

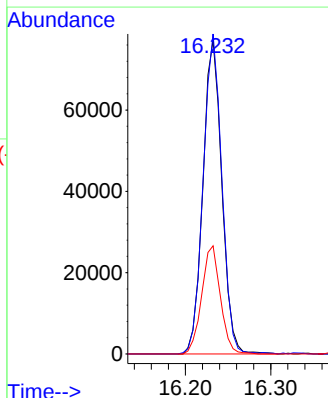
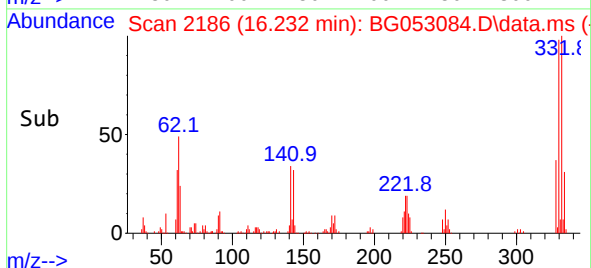
Reviewed By :Christian Giraldo 04/11/2022  
Supervised By :Jagrut Upadhyay 04/11/2022

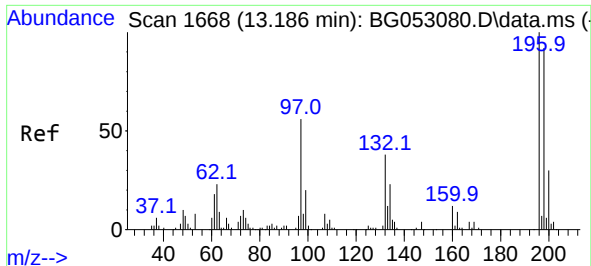


#42  
2,4,6-Tribromophenol  
Concen: 83.316 ng  
RT: 16.232 min Scan# 2186  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03



Tgt Ion:330 Resp: 118662  
Ion Ratio Lower Upper  
330 100  
332 100.4 75.8 113.6  
141 34.1 24.6 36.8





#43  
2,4,6-Trichlorophenol  
Concen: 41.046 ng  
RT: 13.183 min Scan# 1667  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

Instrument :

BNA\_G

ClientSampleId :

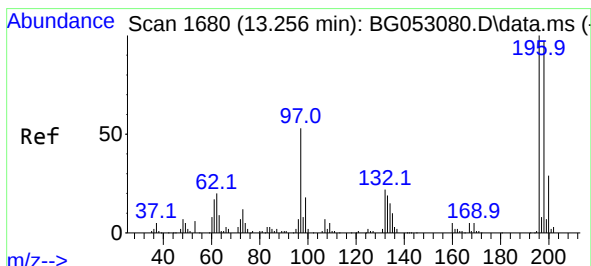
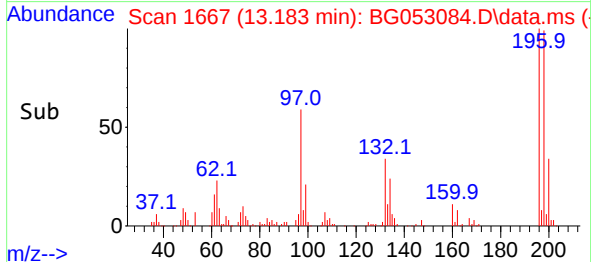
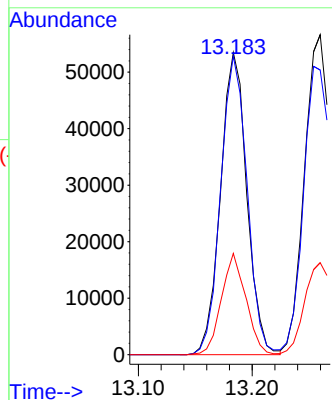
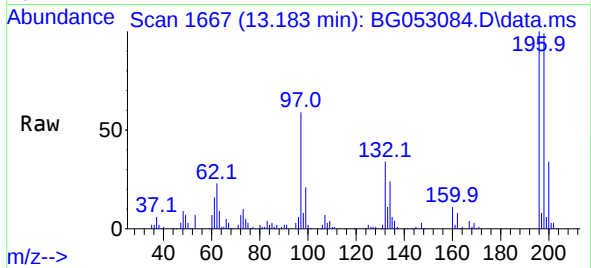
ICVBG040822

Tgt Ion:196 Resp: 86044  
Ion Ratio Lower Upper  
196 100  
198 98.8 78.8 118.2  
200 33.5 25.1 37.7

Manual Integrations

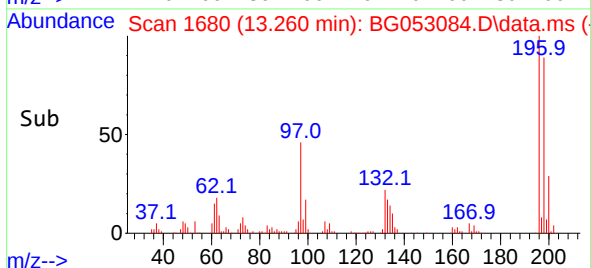
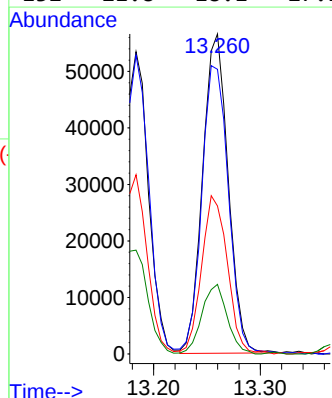
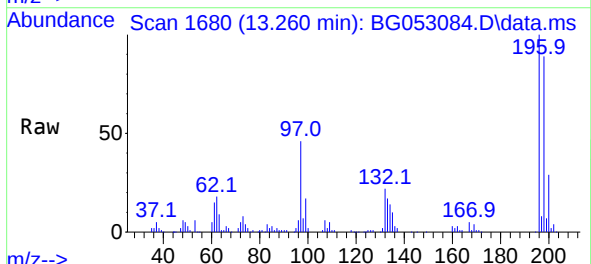
APPROVED

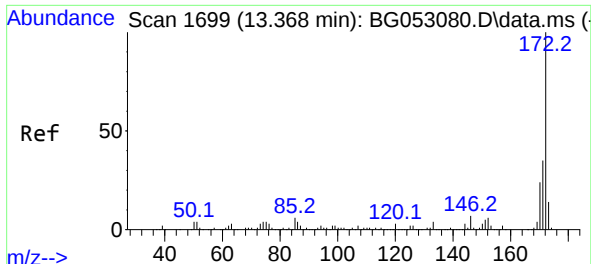
Reviewed By :Christian Giraldo 04/11/2022  
Supervised By :Jagrut Upadhyay 04/11/2022



#44  
2,4,5-Trichlorophenol  
Concen: 42.171 ng  
RT: 13.260 min Scan# 1680  
Delta R.T. 0.004 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

Tgt Ion:196 Resp: 94204  
Ion Ratio Lower Upper  
196 100  
198 88.9 75.8 113.6  
97 46.2 36.5 54.7  
132 21.8 18.1 27.1





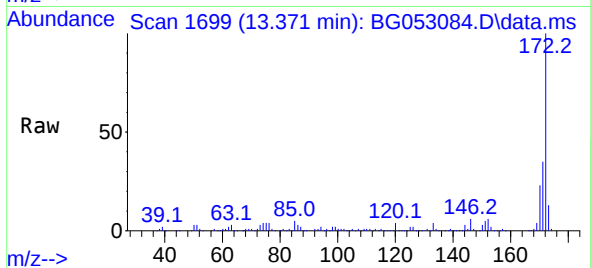
#45  
2-Fluorobiphenyl  
Concen: 79.989 ng  
RT: 13.371 min Scan# 1699  
Delta R.T. 0.004 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

Instrument :

BNA\_G

ClientSampleId :

ICVBG040822

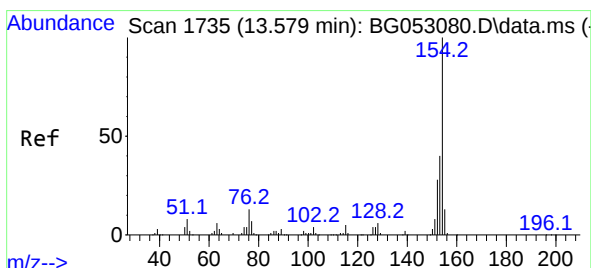
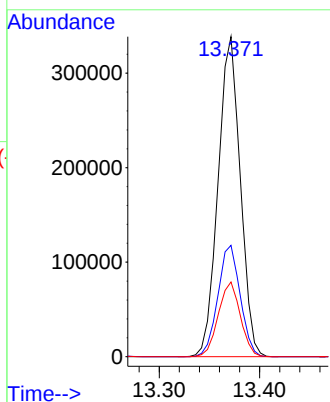
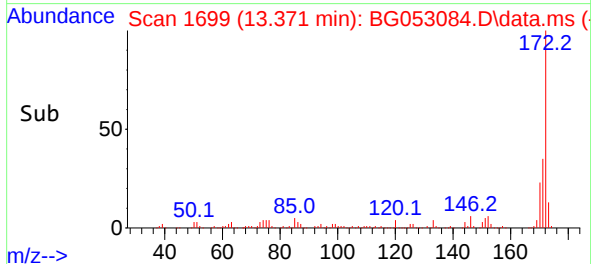


Tgt Ion:172 Resp: 51930  
Ion Ratio Lower Upper  
172 100  
171 34.8 28.3 42.5  
170 23.4 18.0 27.0

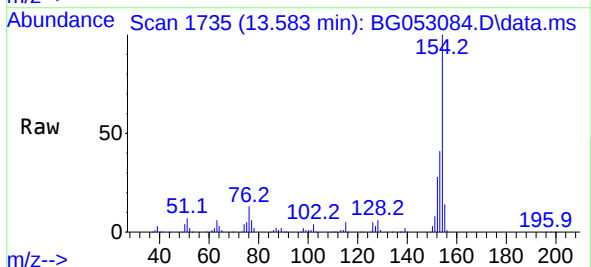
Manual Integrations

APPROVED

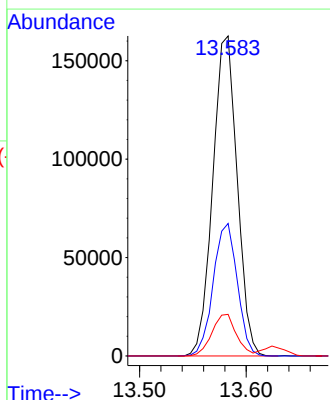
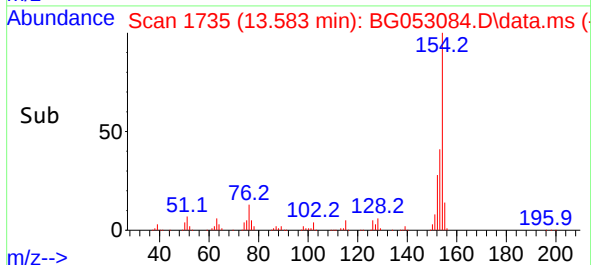
Reviewed By :Christian Giraldo 04/11/2022  
Supervised By :Jagrut Upadhyay 04/11/2022

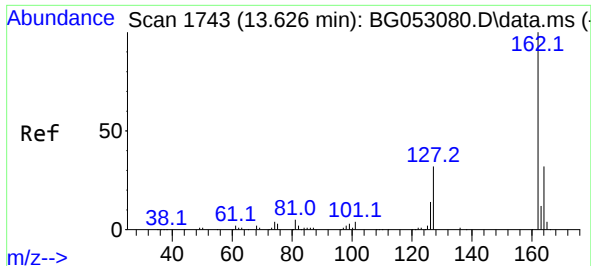


#46  
1,1'-Biphenyl  
Concen: 40.037 ng  
RT: 13.583 min Scan# 1735  
Delta R.T. 0.004 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03



Tgt Ion:154 Resp: 258110  
Ion Ratio Lower Upper  
154 100  
153 41.4 21.6 61.6  
76 13.0 0.0 31.5





#47

2-Chloronaphthalene

Concen: 40.141 ng

RT: 13.624 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG053084.D

Acq: 8 Apr 2022 15:03

Instrument :

BNA\_G

ClientSampleId :

ICVBG040822

Tgt Ion:162 Resp: 20646

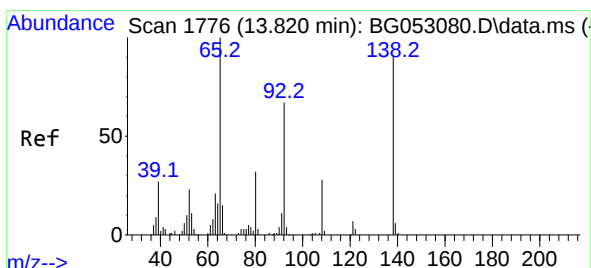
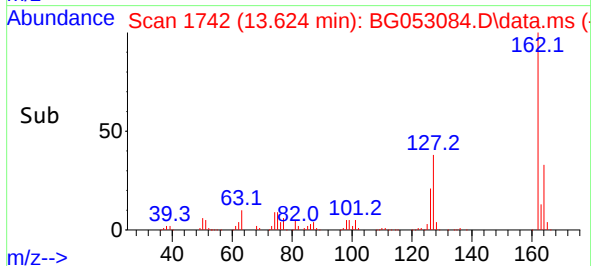
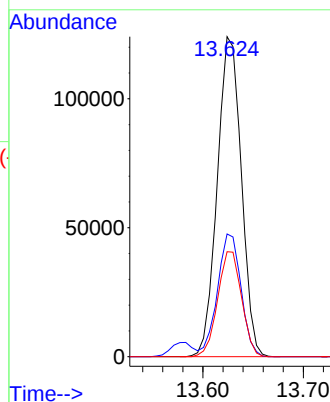
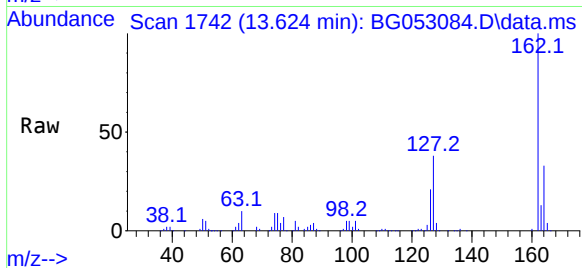
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 127 | 38.4  | 28.1  | 42.1  |
| 164 | 32.8  | 26.0  | 39.0  |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 04/11/2022

Supervised By :Jagrut Upadhyay 04/11/2022



#48

2-Nitroaniline

Concen: 41.922 ng

RT: 13.818 min Scan# 1775

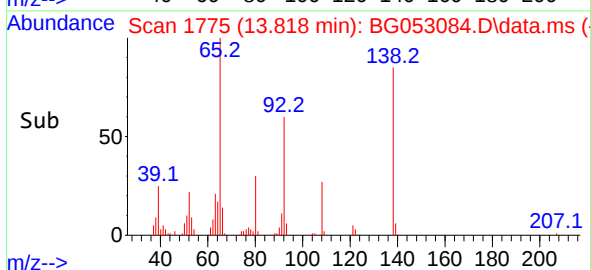
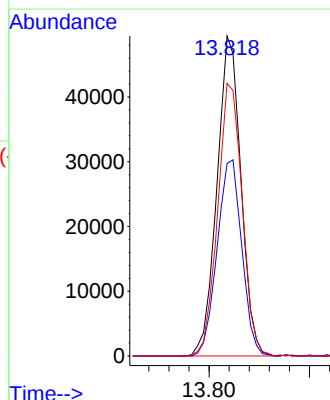
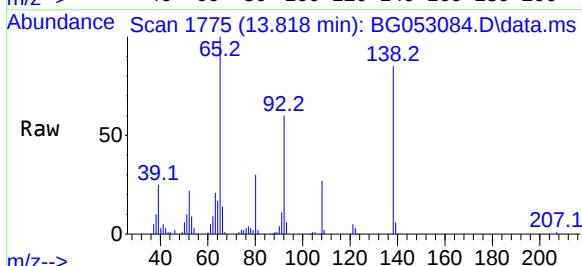
Delta R.T. -0.002 min

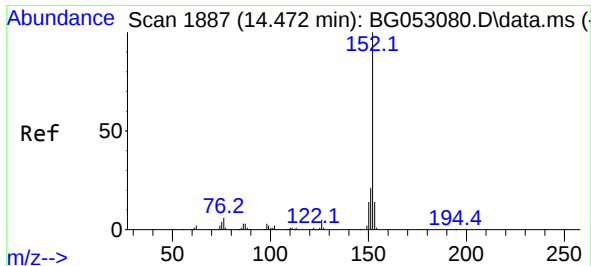
Lab File: BG053084.D

Acq: 8 Apr 2022 15:03

Tgt Ion: 65 Resp: 81828

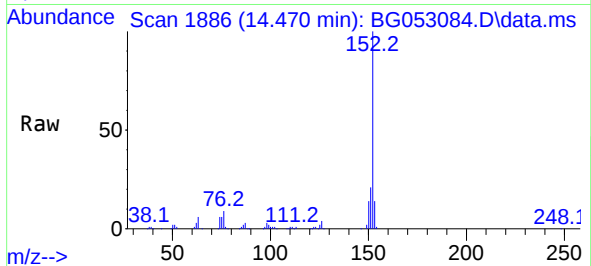
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 92  | 60.2  | 52.1  | 78.1  |
| 138 | 85.2  | 80.1  | 120.1 |





#49  
Acenaphthylene  
Concen: 41.054 ng  
RT: 14.470 min Scan# 1887  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

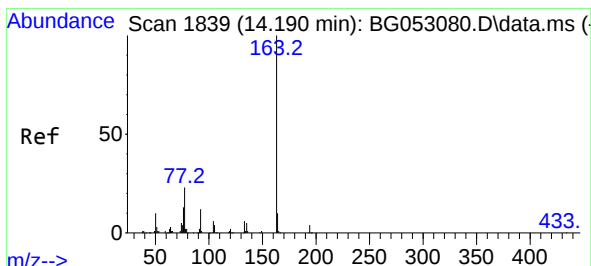
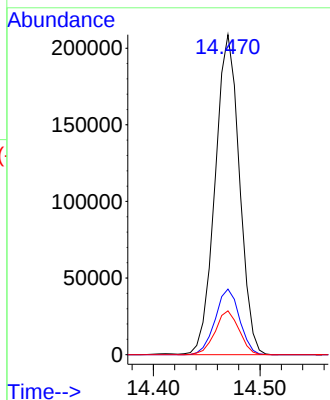
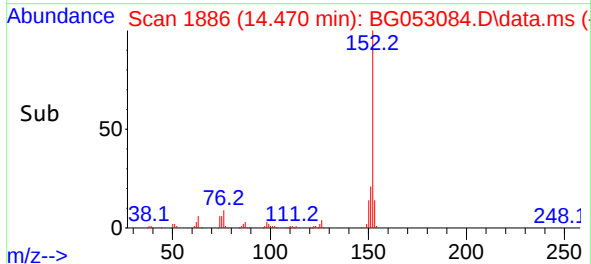
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG040822



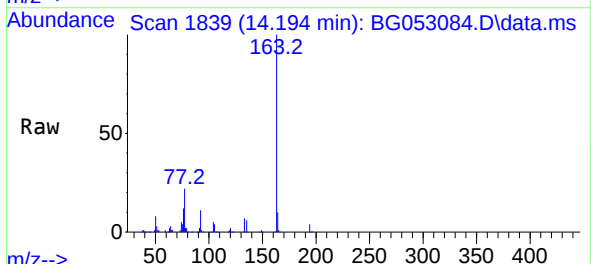
Tgt Ion:152 Resp: 330539  
Ion Ratio Lower Upper  
152 100  
151 20.5 15.8 23.6  
153 13.7 10.6 15.8

Manual Integrations  
APPROVED

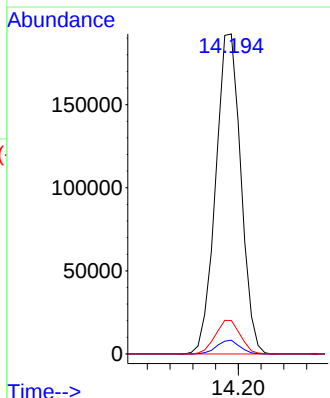
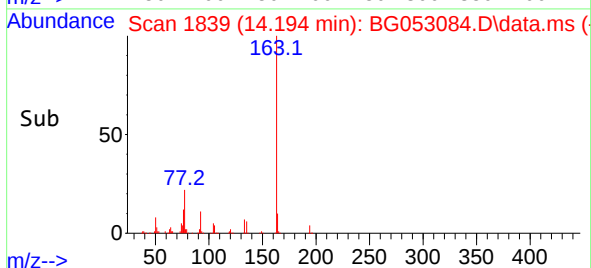
Reviewed By :Christian Giraldo 04/11/2022  
Supervised By :Jagrut Upadhyay 04/11/2022

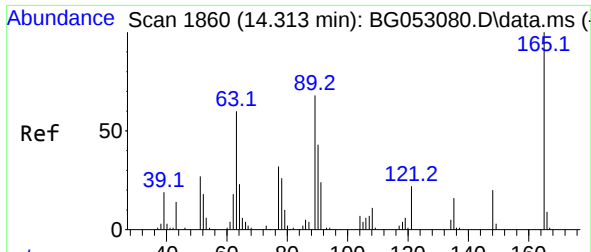


#50  
Dimethylphthalate  
Concen: 41.359 ng  
RT: 14.194 min Scan# 1839  
Delta R.T. 0.004 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03



Tgt Ion:163 Resp: 296139  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.3 4.9  
164 10.4 8.5 12.7





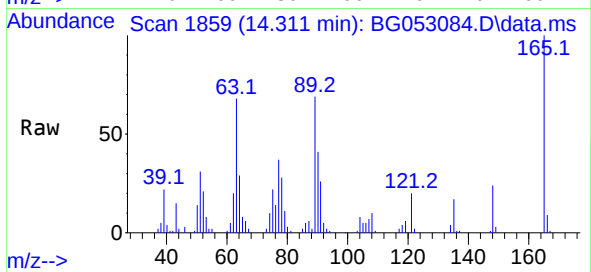
#51  
2,6-Dinitrotoluene  
Concen: 41.542 ng  
RT: 14.311 min Scan# 1860  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

Instrument :

BNA\_G

ClientSampleId :

ICVBG040822

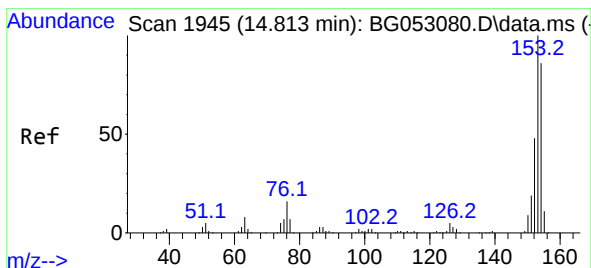
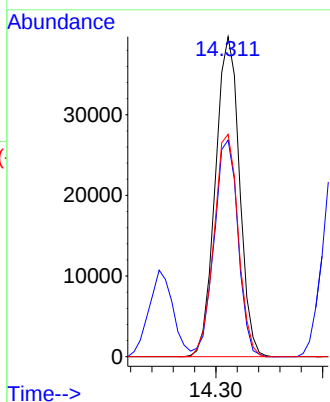
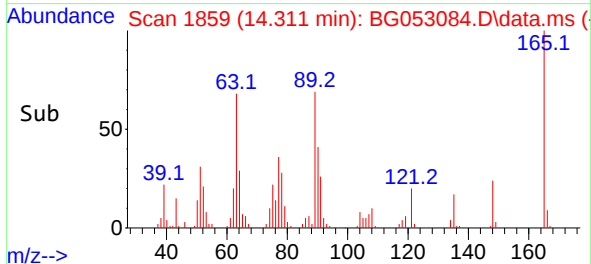


Tgt Ion:165 Resp: 6205  
Ion Ratio Lower Upper  
165 100  
63 67.7 43.7 65.5  
89 69.5 45.0 67.4

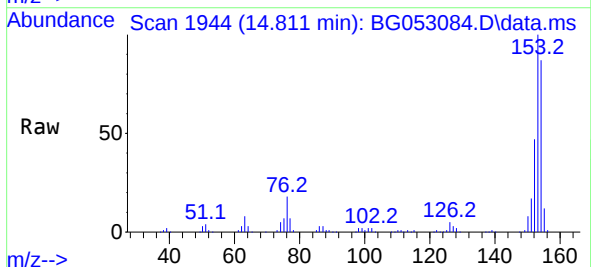
Manual Integrations

APPROVED

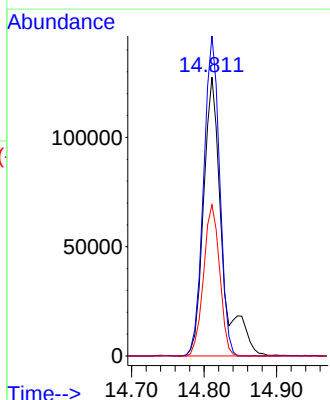
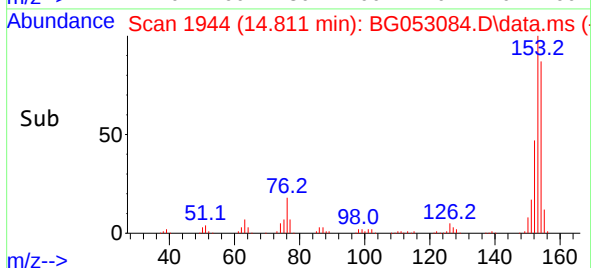
Reviewed By :Christian Giraldo 04/11/2022  
Supervised By :Jagrut Upadhyay 04/11/2022

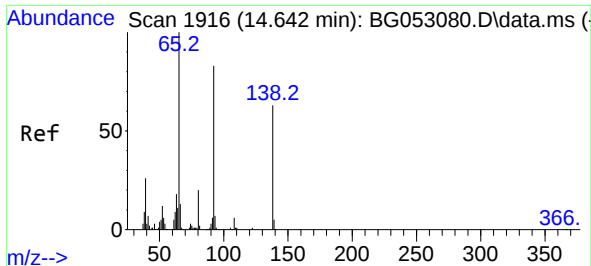


#52  
Acenaphthene  
Concen: 41.189 ng m  
RT: 14.811 min Scan# 1944  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03



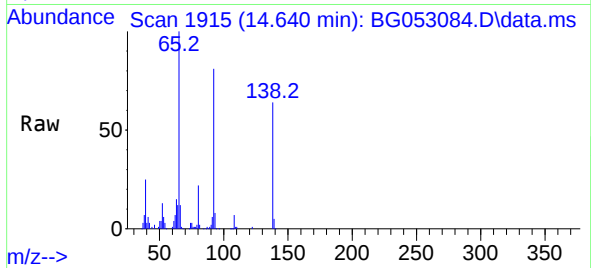
Tgt Ion:154 Resp: 224893  
Ion Ratio Lower Upper  
154 100  
153 114.8 89.0 133.4  
152 54.2 40.5 60.7





#53  
3-Nitroaniline  
Concen: 42.939 ng  
RT: 14.640 min Scan# 1916  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

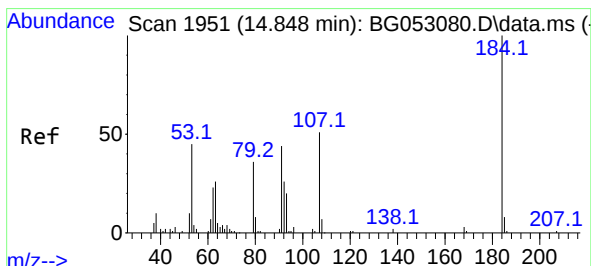
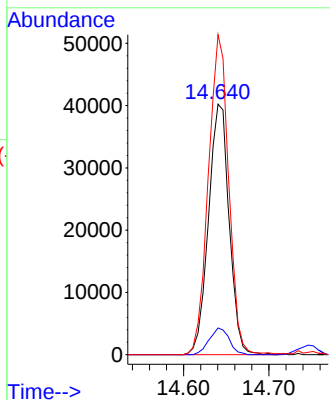
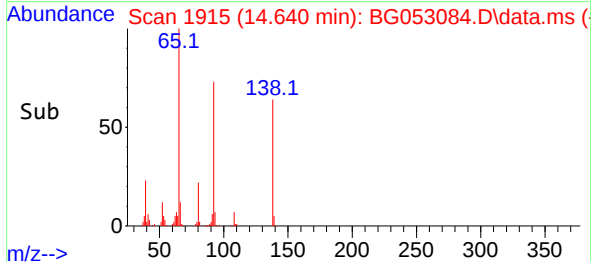
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG040822



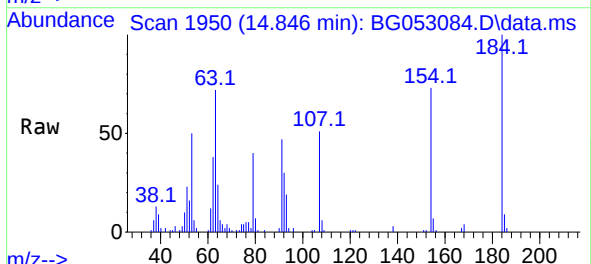
Tgt Ion:138 Resp: 6782  
Ion Ratio Lower Upper  
138 100  
108 10.6 8.0 12.0  
92 127.7 96.2 144.2

Manual Integrations  
APPROVED

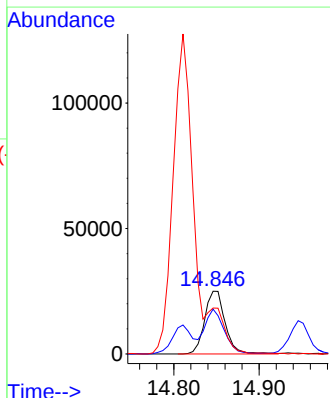
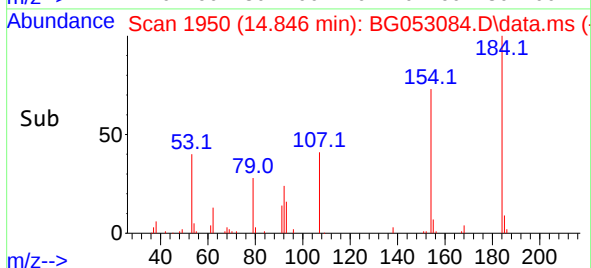
Reviewed By :Christian Giraldo 04/11/2022  
Supervised By :Jagrut Upadhyay 04/11/2022

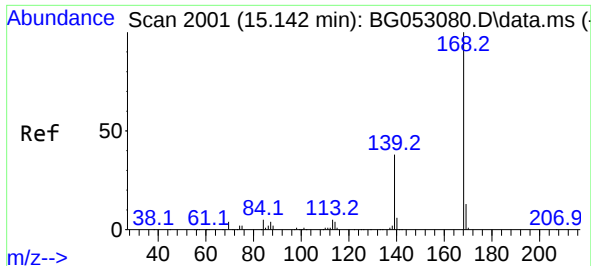


#54  
2,4-Dinitrophenol  
Concen: 43.970 ng  
RT: 14.846 min Scan# 1950  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03



Tgt Ion:184 Resp: 41791  
Ion Ratio Lower Upper  
184 100  
63 71.6 51.8 77.6  
154 73.2 47.8 71.6#





#55  
Dibenzenofuran  
Concen: 40.906 ng  
RT: 15.140 min Scan# 2001  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

Instrument :

BNA\_G

ClientSampleId :

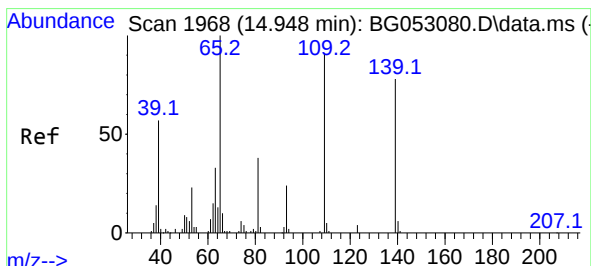
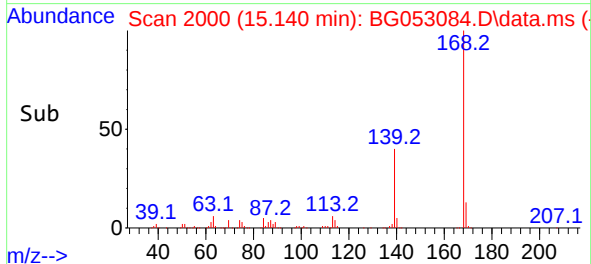
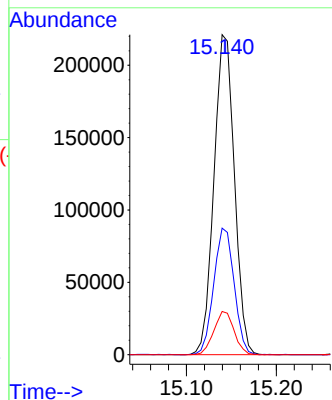
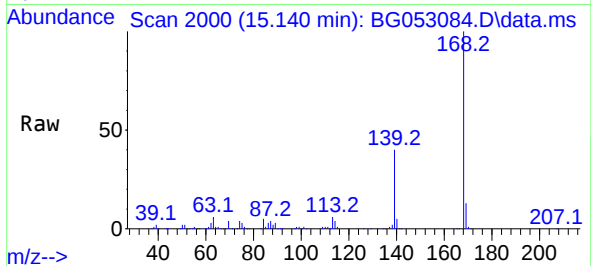
ICVBG040822

Tgt Ion:168 Resp: 349724  
Ion Ratio Lower Upper  
168 100  
139 39.6 30.2 45.4  
169 13.5 10.7 16.1

Manual Integrations

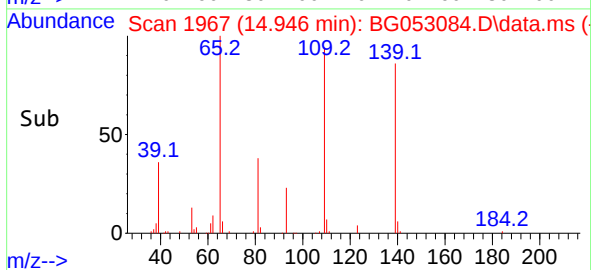
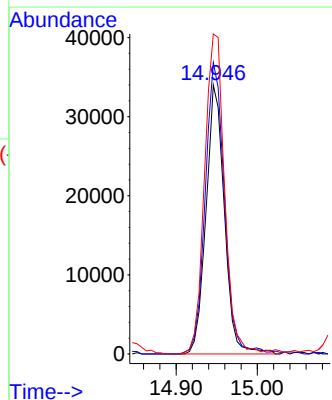
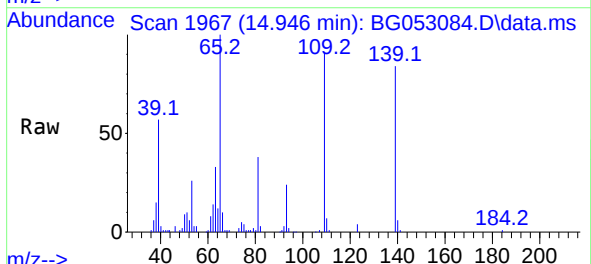
APPROVED

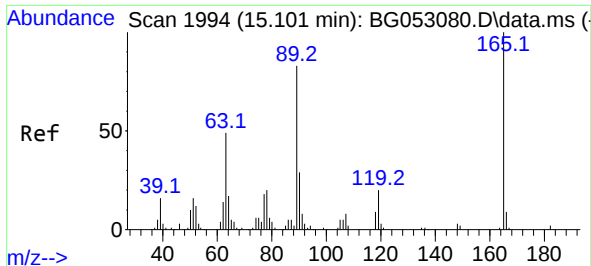
Reviewed By :Christian Giraldo 04/11/2022  
Supervised By :Jagrut Upadhyay 04/11/2022



#56  
4-Nitrophenol  
Concen: 44.348 ng  
RT: 14.946 min Scan# 1967  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

Tgt Ion:139 Resp: 53423  
Ion Ratio Lower Upper  
139 100  
109 108.4 67.1 107.1#  
65 119.1 88.2 128.2





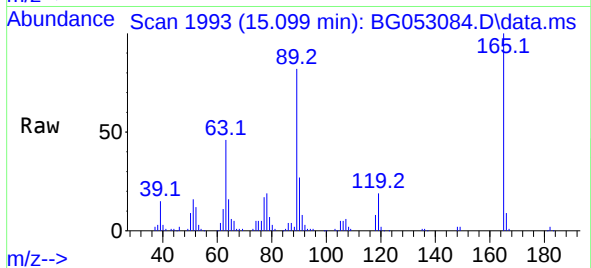
#57  
2,4-Dinitrotoluene  
Concen: 42.669 ng  
RT: 15.099 min Scan# 1993  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

Instrument :

BNA\_G

ClientSampleId :

ICVBG040822

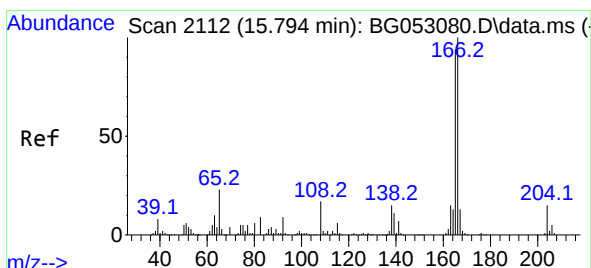
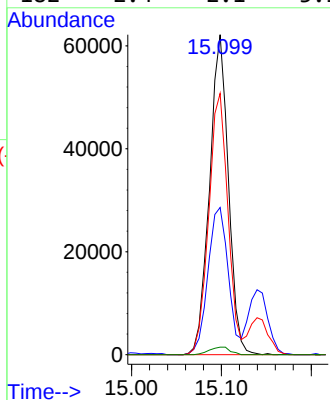
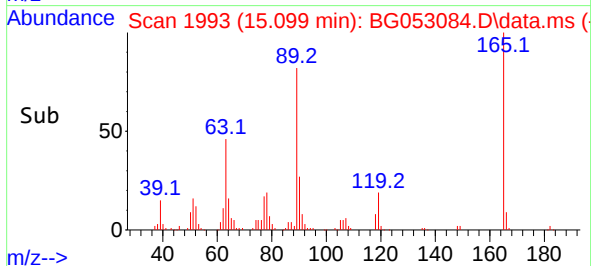


Tgt Ion:165 Resp: 9074  
Ion Ratio Lower Upper  
165 100  
63 46.0 34.8 52.2  
89 81.7 57.4 86.0  
182 2.4 2.1 3.1

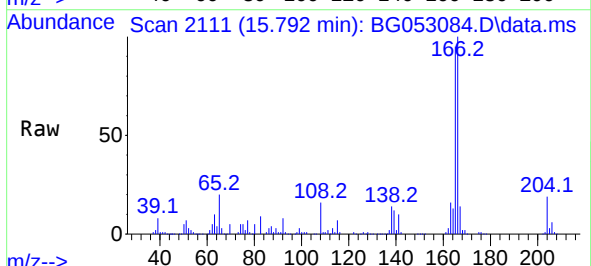
Manual Integrations

APPROVED

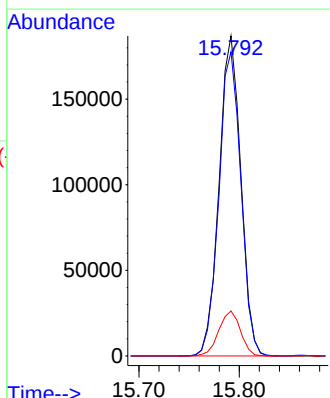
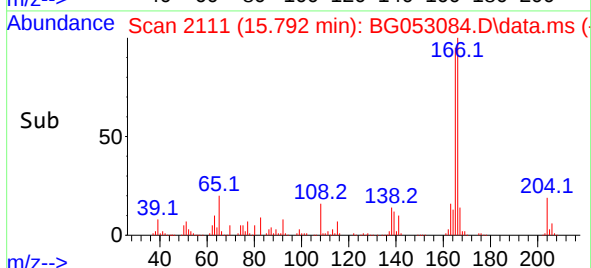
Reviewed By :Christian Giraldo 04/11/2022  
Supervised By :Jagrut Upadhyay 04/11/2022

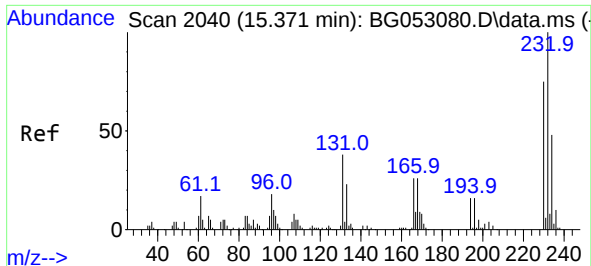


#58  
Fluorene  
Concen: 40.691 ng  
RT: 15.792 min Scan# 2111  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03



Tgt Ion:166 Resp: 280977  
Ion Ratio Lower Upper  
166 100  
165 95.1 78.6 117.8  
167 14.1 10.9 16.3





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.115 ng  
RT: 15.369 min Scan# 2040  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

Instrument :

BNA\_G

ClientSampleId :

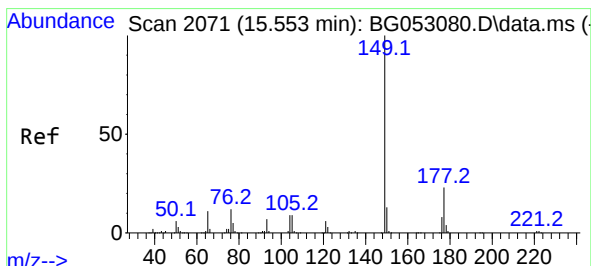
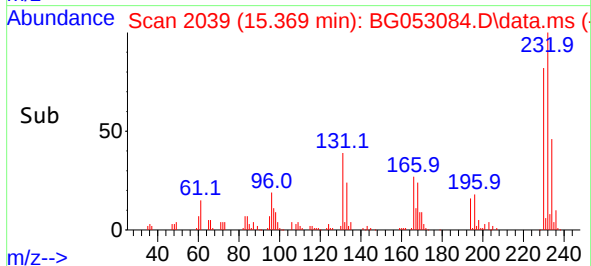
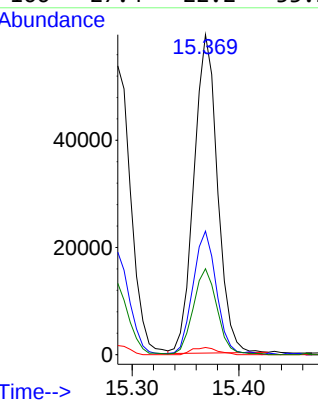
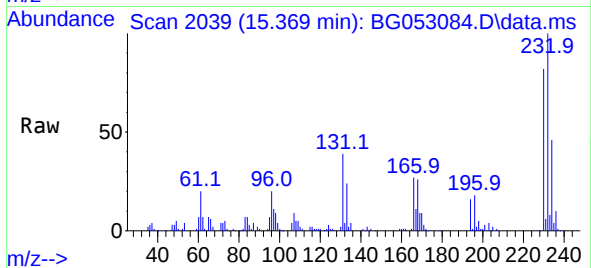
ICVBG040822

Tgt Ion:232 Resp: 91362  
Ion Ratio Lower Upper  
232 100  
131 39.0 30.1 45.1  
130 2.5 1.8 2.8  
166 27.4 22.2 33.2

Manual Integrations

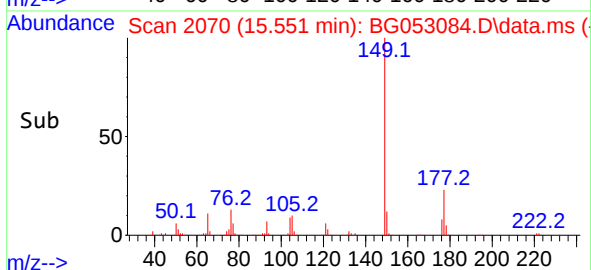
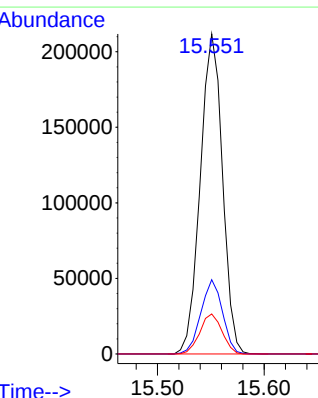
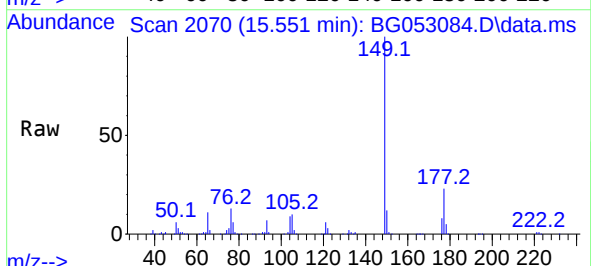
APPROVED

Reviewed By :Christian Giraldo 04/11/2022  
Supervised By :Jagrut Upadhyay 04/11/2022



#60  
Diethylphthalate  
Concen: 40.798 ng  
RT: 15.551 min Scan# 2070  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

Tgt Ion:149 Resp: 306069  
Ion Ratio Lower Upper  
149 100  
177 23.2 18.2 27.2  
150 12.5 9.9 14.9





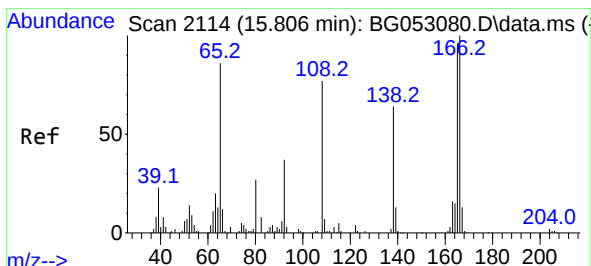
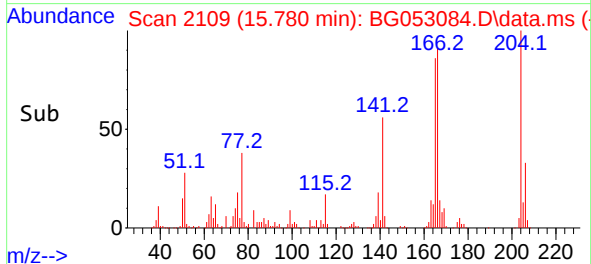
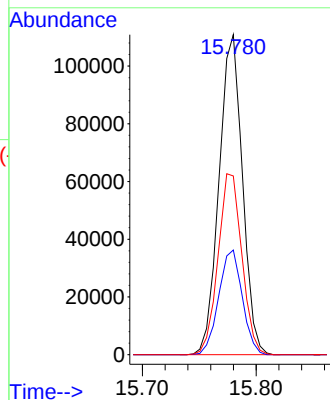
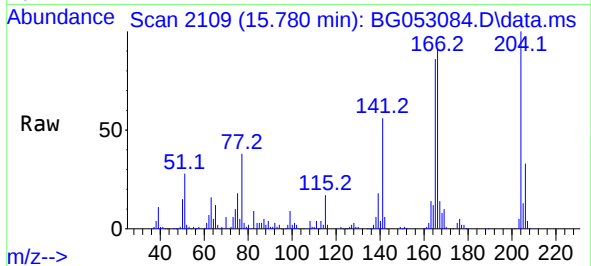
#61  
4-Chlorophenyl-phenylether  
Concen: 40.447 ng  
RT: 15.780 min Scan# 2109  
Delta R.T. 0.004 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG040822

Tgt Ion:204 Resp: 158320  
Ion Ratio Lower Upper  
204 100  
206 32.7 28.3 42.5  
141 55.9 45.8 68.8

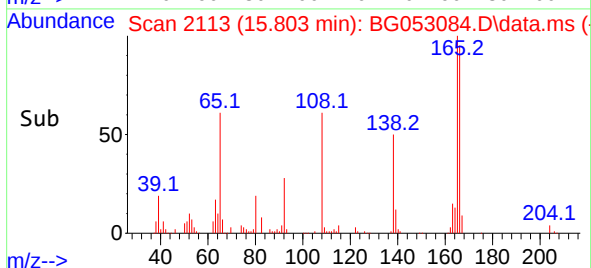
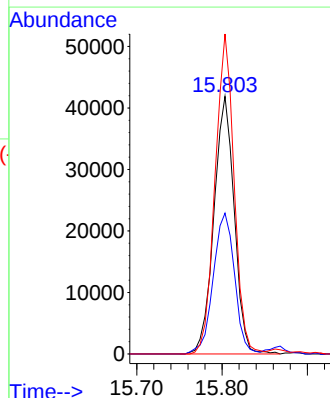
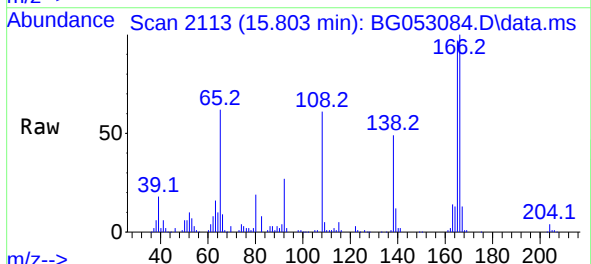
Manual Integrations  
APPROVED

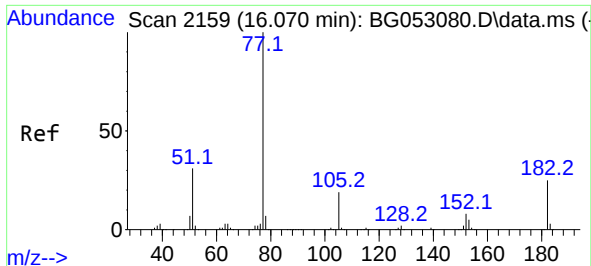
Reviewed By :Christian Giraldo 04/11/2022  
Supervised By :Jagrut Upadhyay 04/11/2022



#62  
4-Nitroaniline  
Concen: 41.661 ng  
RT: 15.803 min Scan# 2113  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

Tgt Ion:138 Resp: 69438  
Ion Ratio Lower Upper  
138 100  
92 54.7 33.3 73.3  
108 124.2 74.2 114.2#





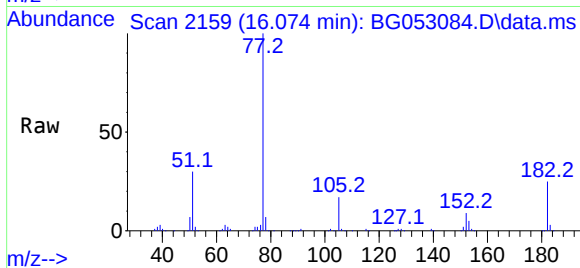
#63  
Azobenzene  
Concen: 40.577 ng  
RT: 16.074 min Scan# 2159  
Delta R.T. 0.004 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

Instrument :

BNA\_G

ClientSampleId :

ICVBG040822

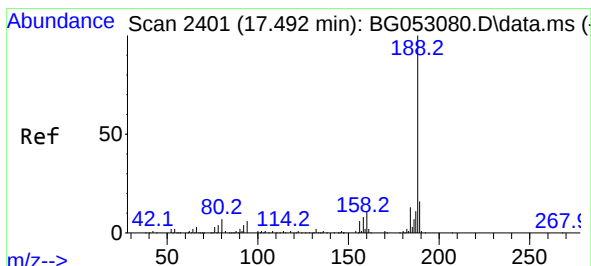
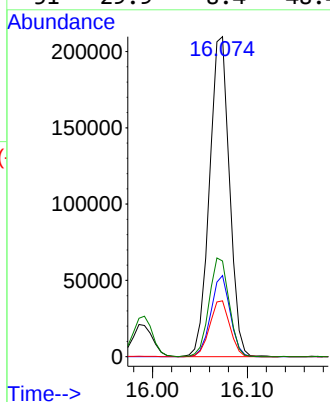
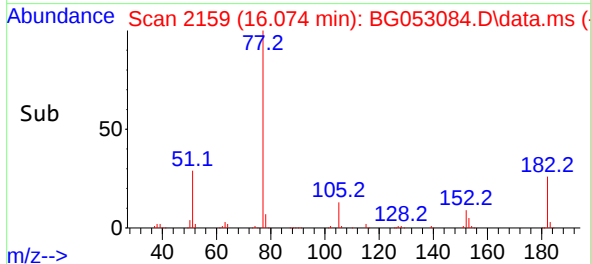


Tgt Ion: 77 Resp: 306919  
Ion Ratio Lower Upper  
77 100  
182 25.3 5.6 45.6  
105 17.4 0.0 38.8  
51 29.9 8.4 48.4

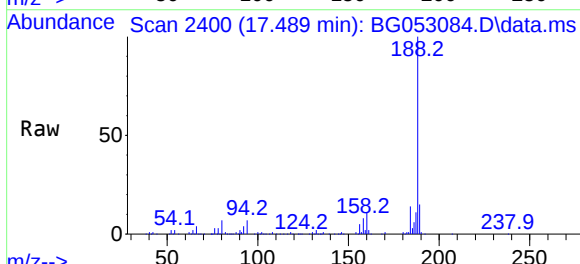
Manual Integrations

APPROVED

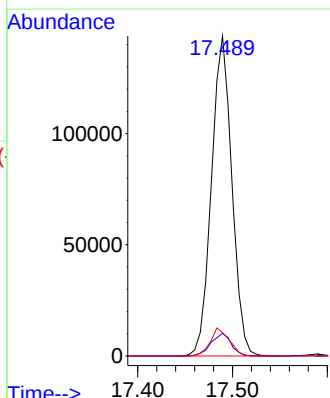
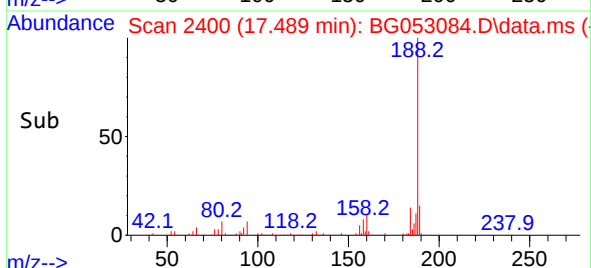
Reviewed By :Christian Giraldo 04/11/2022  
Supervised By :Jagrut Upadhyay 04/11/2022



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.489 min Scan# 2400  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03



Tgt Ion:188 Resp: 215263  
Ion Ratio Lower Upper  
188 100  
94 7.1 5.7 8.5  
80 7.3 7.2 10.8





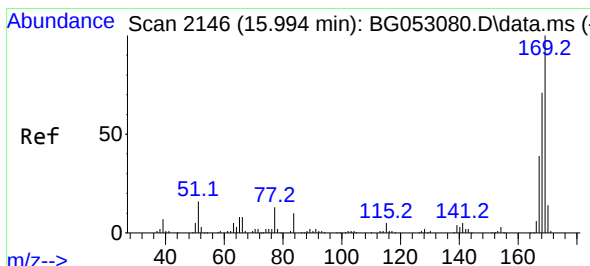
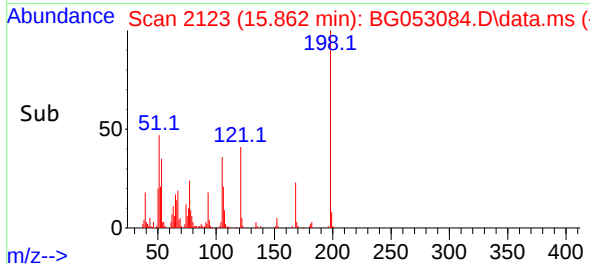
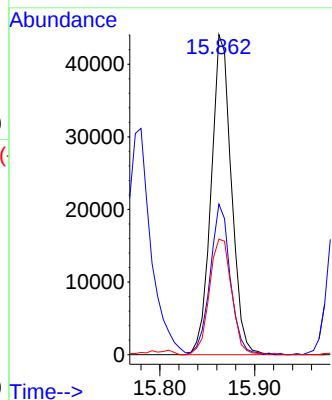
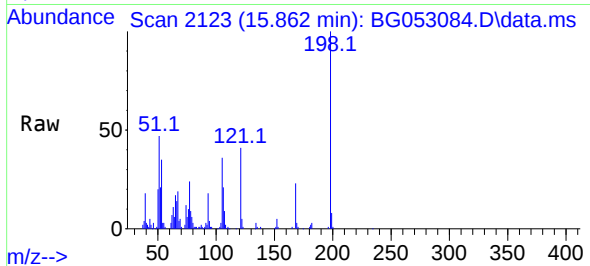
#65  
4,6-Dinitro-2-methylphenol  
Concen: 43.456 ng  
RT: 15.862 min Scan# 2124  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG040822

Tgt Ion:198 Resp: 6526  
Ion Ratio Lower Upper  
198 100  
51 47.0 21.7 61.7  
105 36.1 20.8 60.8

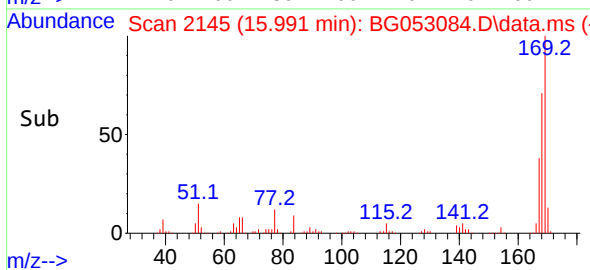
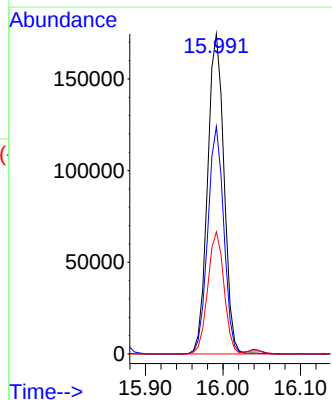
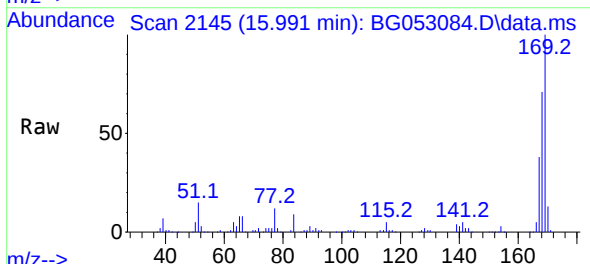
Manual Integrations  
APPROVED

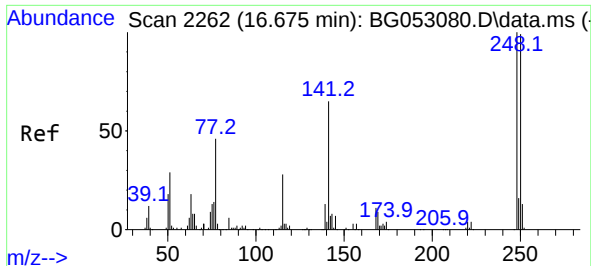
Reviewed By :Christian Giraldo 04/11/2022  
Supervised By :Jagrut Upadhyay 04/11/2022



#66  
n-Nitrosodiphenylamine  
Concen: 41.420 ng  
RT: 15.991 min Scan# 2145  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

Tgt Ion:169 Resp: 256401  
Ion Ratio Lower Upper  
169 100  
168 71.0 54.5 81.7  
167 38.1 29.6 44.4





#67  
4-Bromophenyl-phenylether  
Concen: 42.132 ng  
RT: 16.673 min Scan# 21  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

Instrument :

BNA\_G

ClientSampleId :

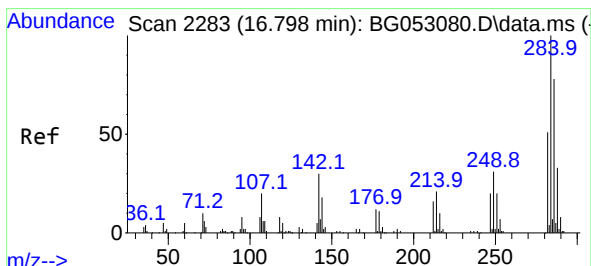
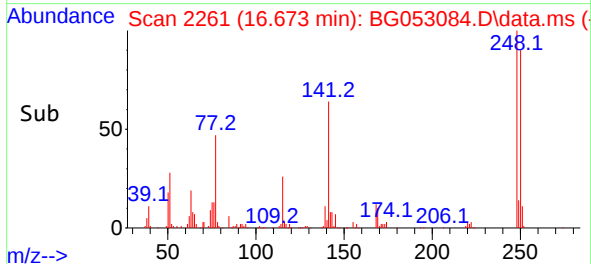
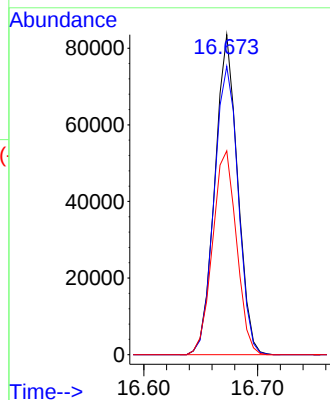
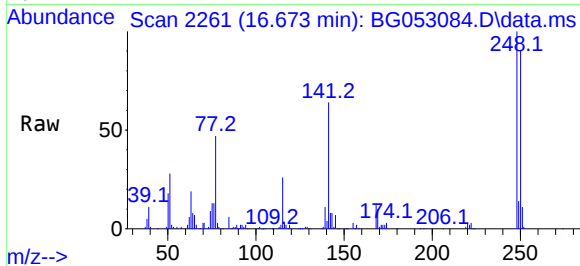
ICVBG040822

Tgt Ion:248 Resp: 116210  
Ion Ratio Lower Upper  
248 100  
250 90.1 77.9 116.9  
141 63.7 49.2 73.8

Manual Integrations

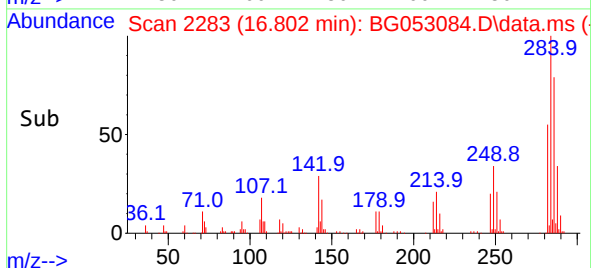
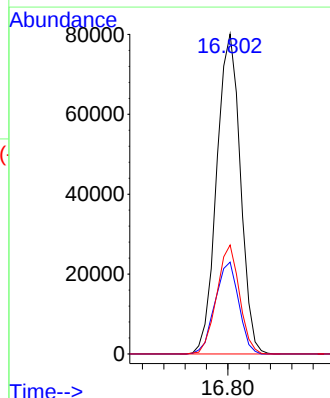
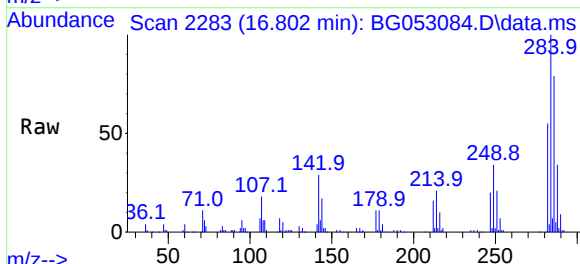
APPROVED

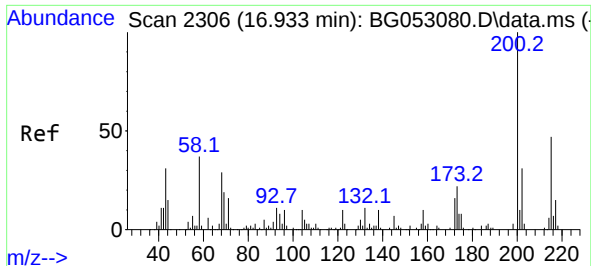
Reviewed By :Christian Giraldo 04/11/2022  
Supervised By :Jagrut Upadhyay 04/11/2022



#68  
Hexachlorobenzene  
Concen: 41.276 ng  
RT: 16.802 min Scan# 2283  
Delta R.T. 0.004 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

Tgt Ion:284 Resp: 123295  
Ion Ratio Lower Upper  
284 100  
142 28.7 21.0 31.4  
249 34.0 22.7 34.1





#69  
Atrazine  
Concen: 39.888 ng  
RT: 16.931 min Scan# 21  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

Instrument :

BNA\_G

ClientSampleId :

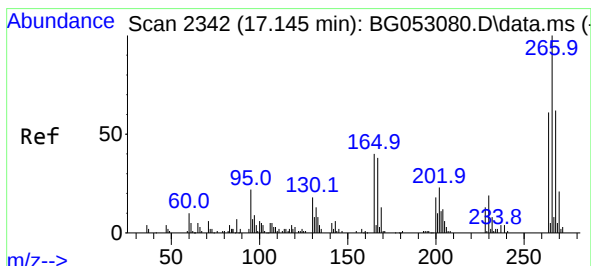
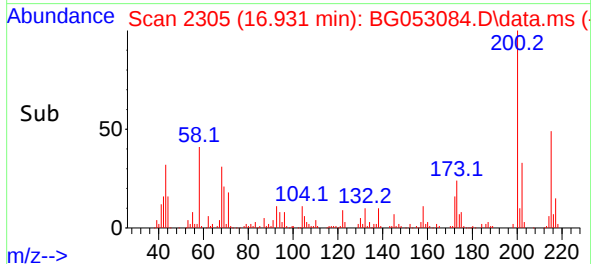
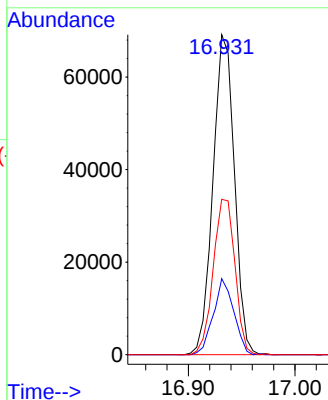
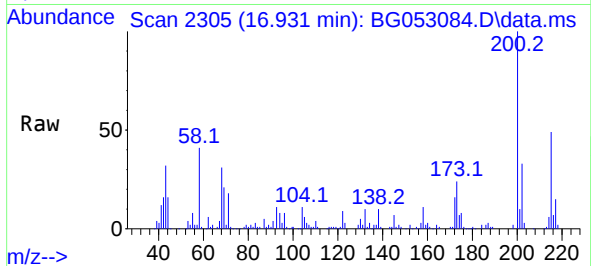
ICVBG040822

Tgt Ion:200 Resp: 9645  
Ion Ratio Lower Upper  
200 100  
173 23.8 3.8 43.8  
215 48.5 26.3 66.3

Manual Integrations

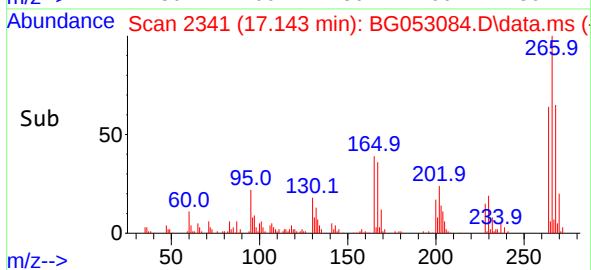
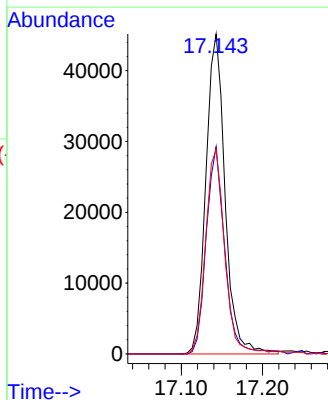
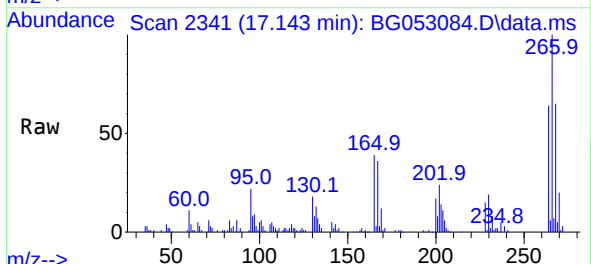
APPROVED

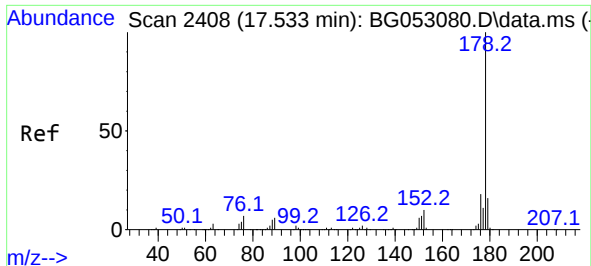
Reviewed By :Christian Giraldo 04/11/2022  
Supervised By :Jagrut Upadhyay 04/11/2022



#70  
Pentachlorophenol  
Concen: 45.292 ng  
RT: 17.143 min Scan# 2341  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

Tgt Ion:266 Resp: 73940  
Ion Ratio Lower Upper  
266 100  
268 64.7 45.9 68.9  
264 64.0 45.3 67.9





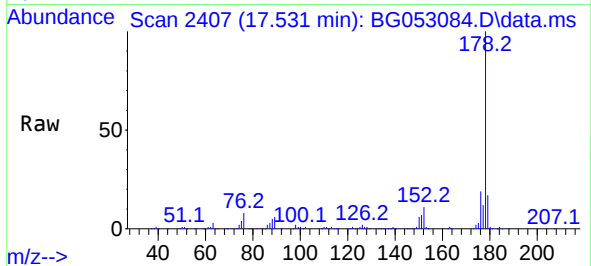
#71  
Phenanthrene  
Concen: 41.281 ng  
RT: 17.531 min Scan# 2408  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

Instrument :

BNA\_G

ClientSampleId :

ICVBG040822

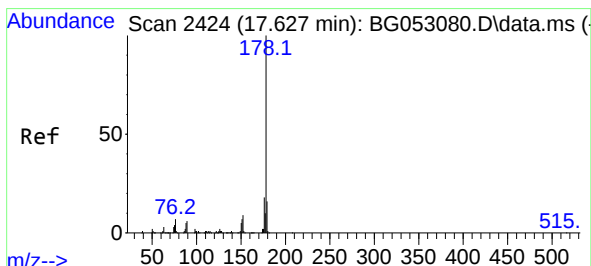
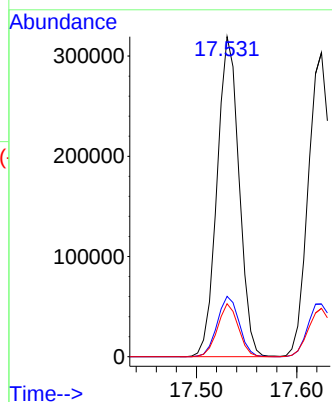
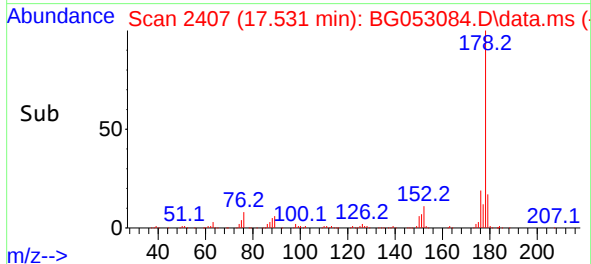


Tgt Ion:178 Resp: 485390  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.9 23.9  
179 16.5 13.4 20.2

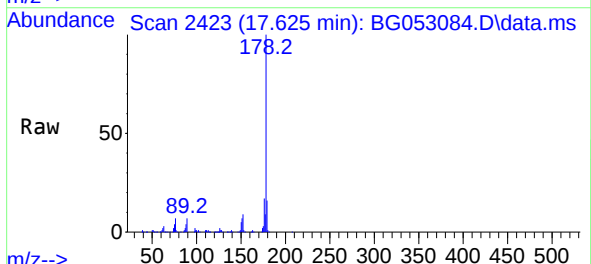
Manual Integrations

APPROVED

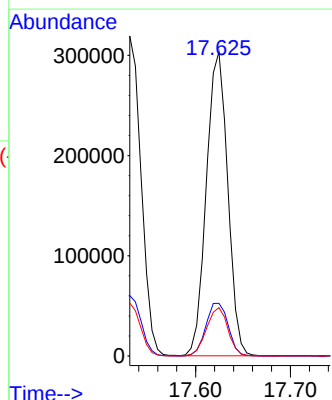
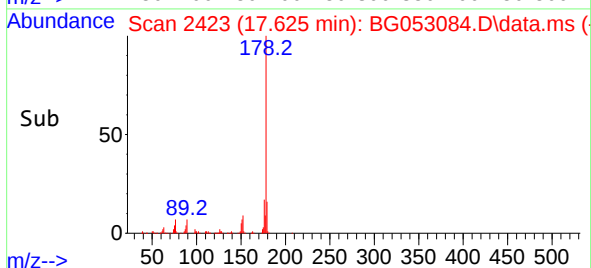
Reviewed By :Christian Giraldo 04/11/2022  
Supervised By :Jagrut Upadhyay 04/11/2022

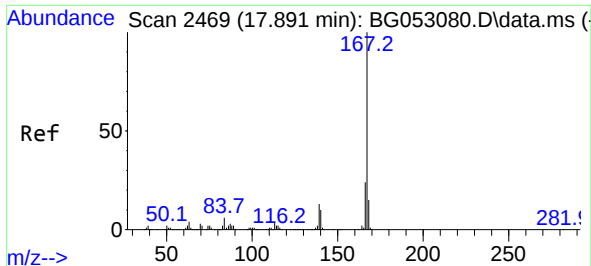


#72  
Anthracene  
Concen: 40.708 ng  
RT: 17.625 min Scan# 2423  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03



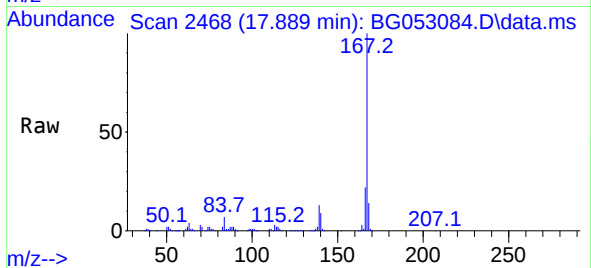
Tgt Ion:178 Resp: 474196  
Ion Ratio Lower Upper  
178 100  
176 17.3 14.7 22.1  
179 15.9 13.2 19.8





#73  
Carbazole  
Concen: 41.278 ng  
RT: 17.889 min Scan# 2469  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

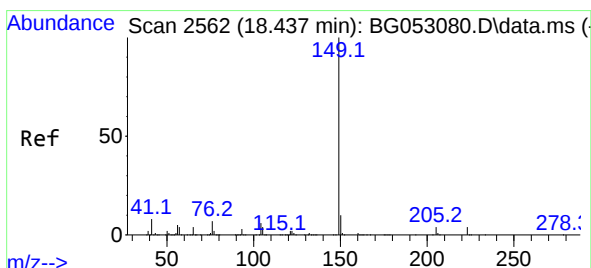
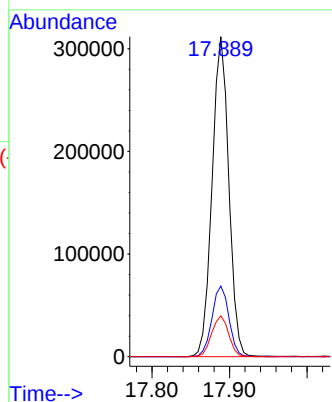
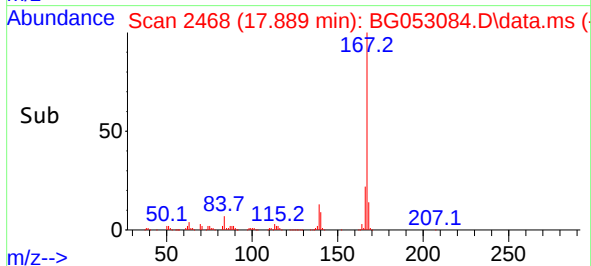
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG040822



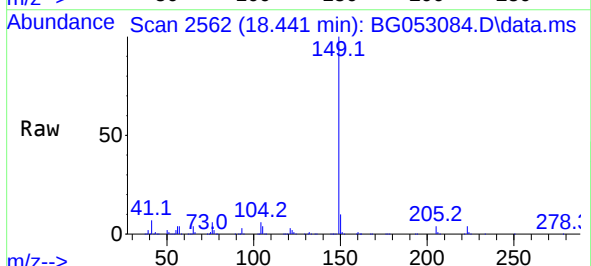
Tgt Ion:167 Resp: 46739  
Ion Ratio Lower Upper  
167 100  
166 22.1 18.5 27.7  
139 12.8 10.0 15.0

Manual Integrations  
APPROVED

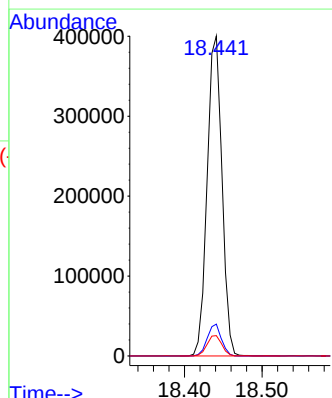
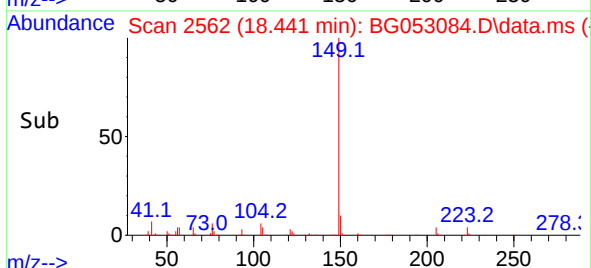
Reviewed By :Christian Giraldo 04/11/2022  
Supervised By :Jagrut Upadhyay 04/11/2022

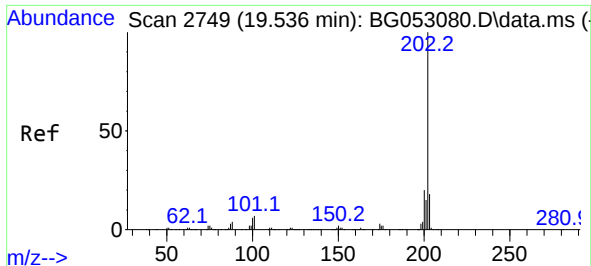


#74  
Di-n-butylphthalate  
Concen: 41.256 ng  
RT: 18.441 min Scan# 2562  
Delta R.T. 0.004 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03



Tgt Ion:149 Resp: 529814  
Ion Ratio Lower Upper  
149 100  
150 9.9 7.0 10.6  
104 6.4 4.6 7.0





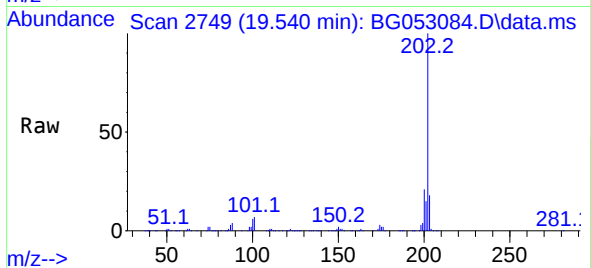
#75  
Fluoranthene  
Concen: 41.003 ng  
RT: 19.540 min Scan# 2179  
Delta R.T. 0.004 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

Instrument :

BNA\_G

ClientSampleId :

ICVBG040822

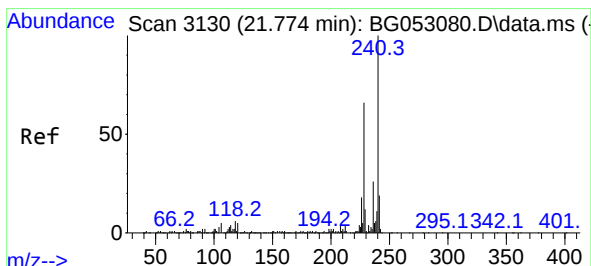
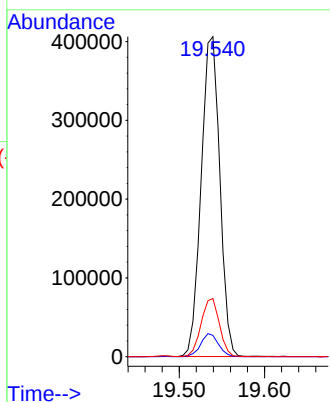
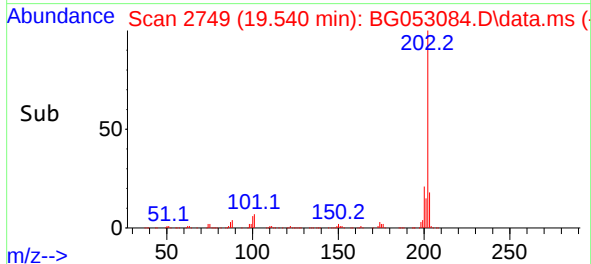


Tgt Ion:202 Resp: 617992  
Ion Ratio Lower Upper  
202 100  
101 6.6 0.0 27.3  
203 18.1 0.0 37.7

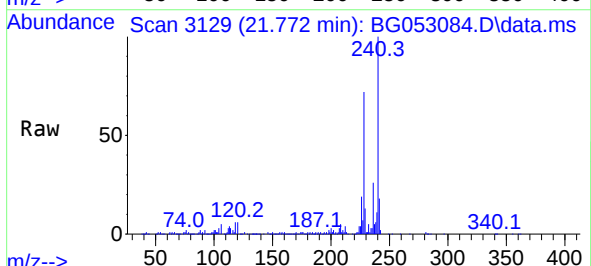
Manual Integrations

APPROVED

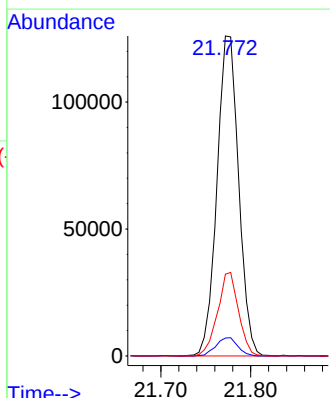
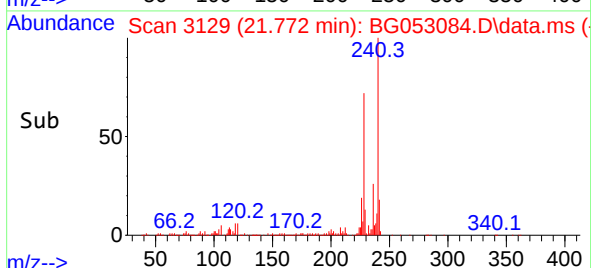
Reviewed By :Christian Giraldo 04/11/2022  
Supervised By :Jagrut Upadhyay 04/11/2022



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.772 min Scan# 3129  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03



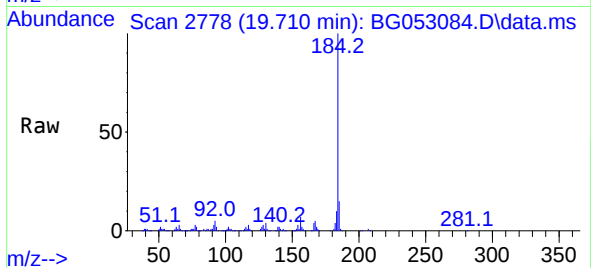
Tgt Ion:240 Resp: 211415  
Ion Ratio Lower Upper  
240 100  
120 5.6 5.4 8.0  
236 25.6 19.8 29.6





#77  
Benzidine  
Concen: 36.098 ng  
RT: 19.710 min Scan# 21774  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

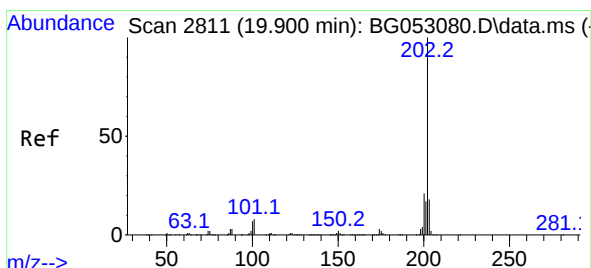
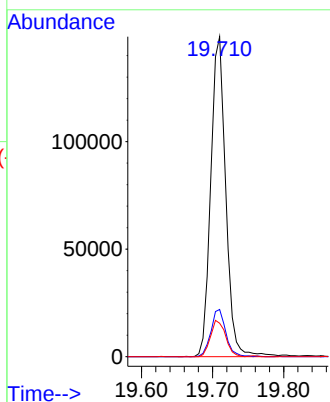
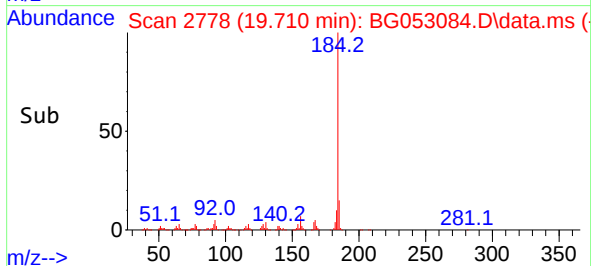
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG040822



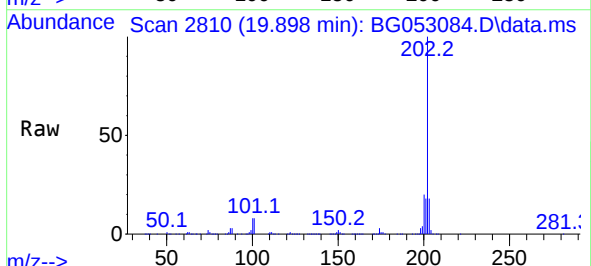
Tgt Ion:184 Resp: 21774  
Ion Ratio Lower Upper  
184 100  
185 14.8 11.5 17.3  
183 10.5 9.4 14.2

Manual Integrations  
APPROVED

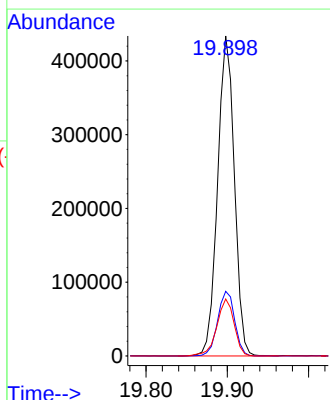
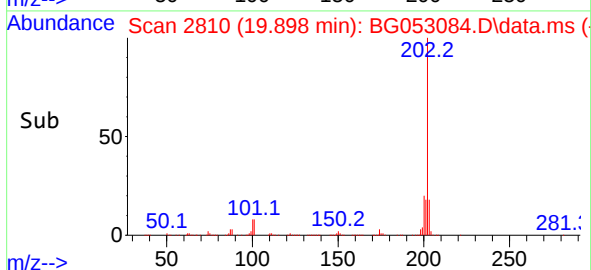
Reviewed By :Christian Giraldo 04/11/2022  
Supervised By :Jagrut Upadhyay 04/11/2022

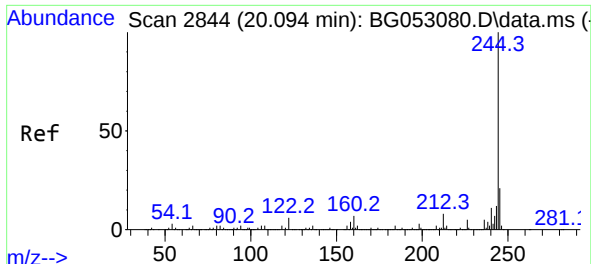


#78  
Pyrene  
Concen: 41.300 ng  
RT: 19.898 min Scan# 2810  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03



Tgt Ion:202 Resp: 621859  
Ion Ratio Lower Upper  
202 100  
200 20.2 17.0 25.6  
203 17.8 15.0 22.6





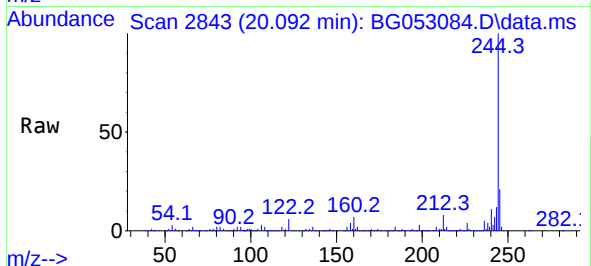
#79  
Terphenyl-d14  
Concen: 81.941 ng  
RT: 20.092 min Scan# 21  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

Instrument :

BNA\_G

ClientSampleId :

ICVBG040822

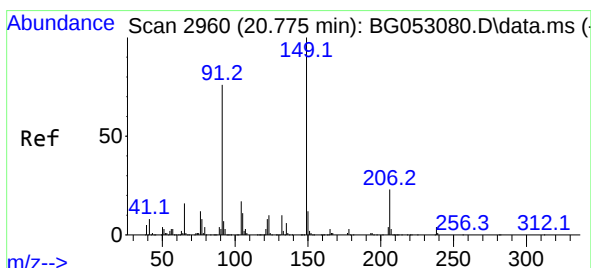
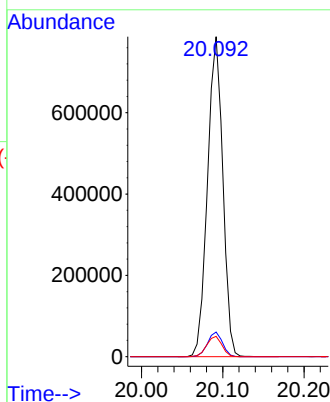
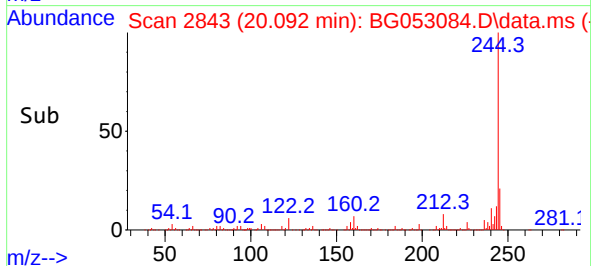


Tgt Ion:244 Resp: 102572  
Ion Ratio Lower Upper  
244 100  
212 7.7 5.4 8.2  
122 6.4 5.8 8.6

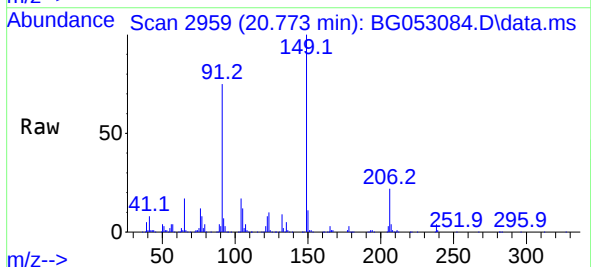
Manual Integrations

APPROVED

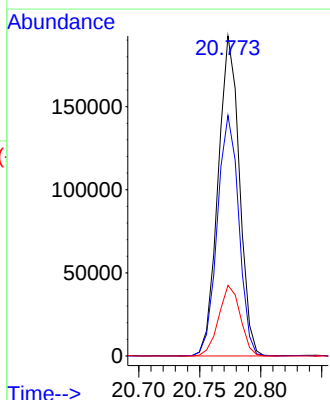
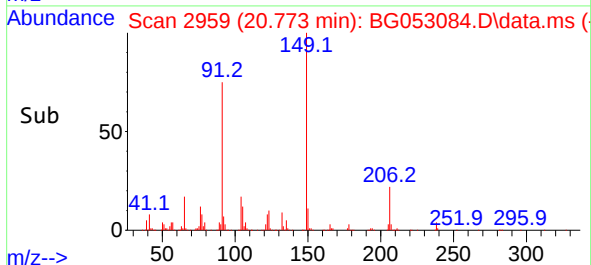
Reviewed By :Christian Giraldo 04/11/2022  
Supervised By :Jagrut Upadhyay 04/11/2022



#80  
Butylbenzylphthalate  
Concen: 41.745 ng  
RT: 20.773 min Scan# 2959  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03



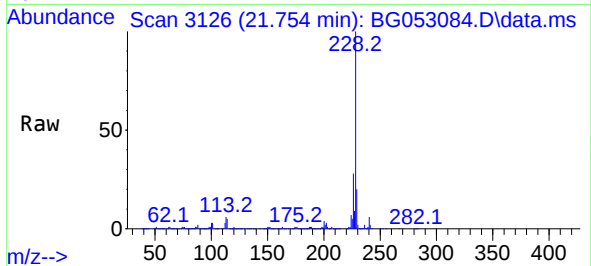
Tgt Ion:149 Resp: 234334  
Ion Ratio Lower Upper  
149 100  
91 75.2 60.2 90.4  
206 22.0 19.4 29.2





#81  
Benzo(a)anthracene  
Concen: 41.010 ng  
RT: 21.754 min Scan# 3127  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

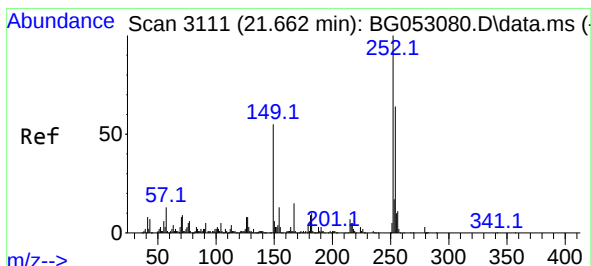
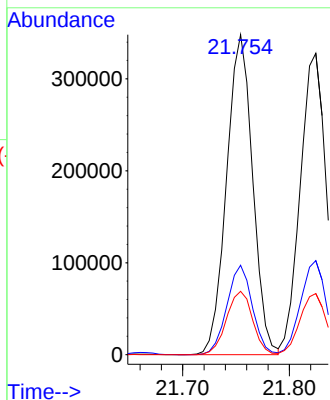
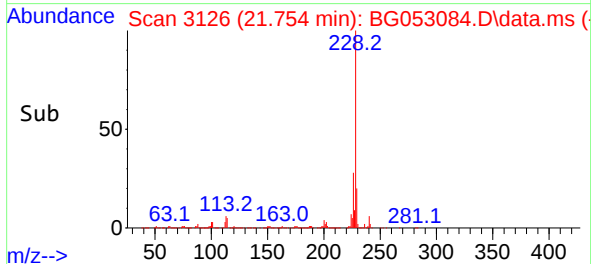
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG040822



Tgt Ion:228 Resp: 592804  
Ion Ratio Lower Upper  
228 100  
226 27.9 21.4 32.0  
229 19.8 16.7 25.1

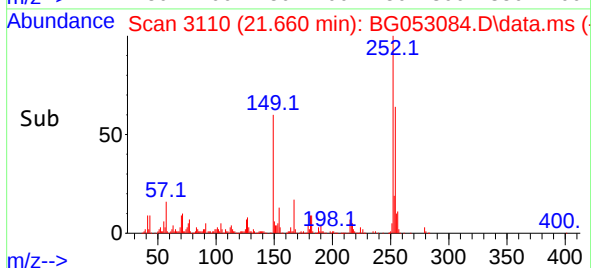
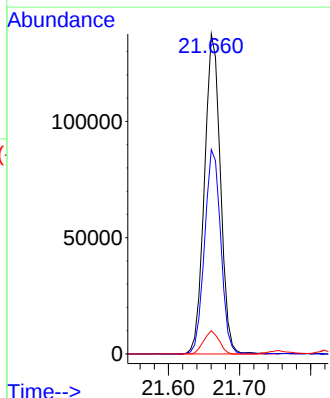
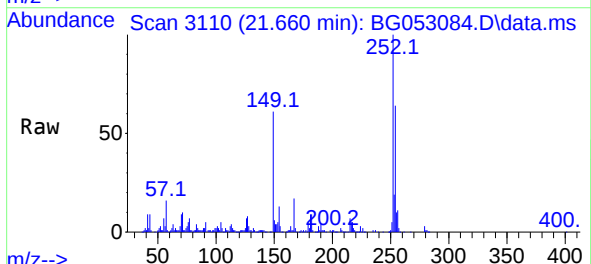
Manual Integrations  
APPROVED

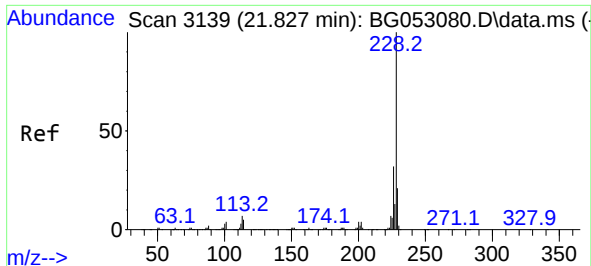
Reviewed By :Christian Giraldo 04/11/2022  
Supervised By :Jagrut Upadhyay 04/11/2022



#82  
3,3'-Dichlorobenzidine  
Concen: 40.537 ng  
RT: 21.660 min Scan# 3110  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

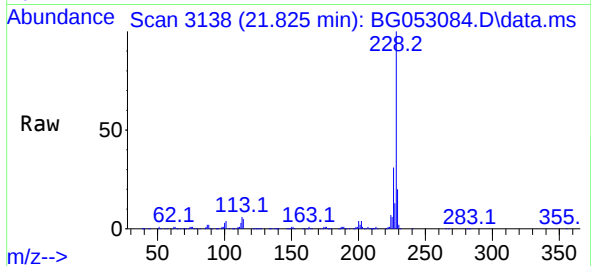
Tgt Ion:252 Resp: 215499  
Ion Ratio Lower Upper  
252 100  
254 63.9 51.2 76.8  
126 7.3 5.8 8.8





#83  
Chrysene  
Concen: 41.274 ng  
RT: 21.825 min Scan# 3139  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

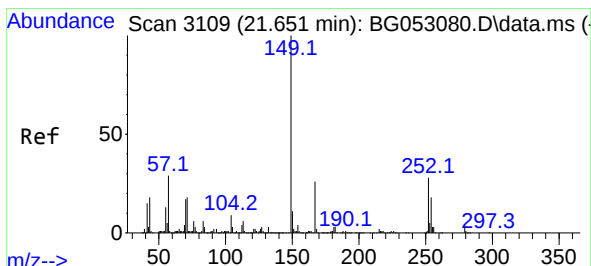
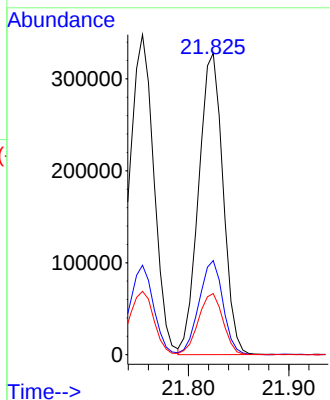
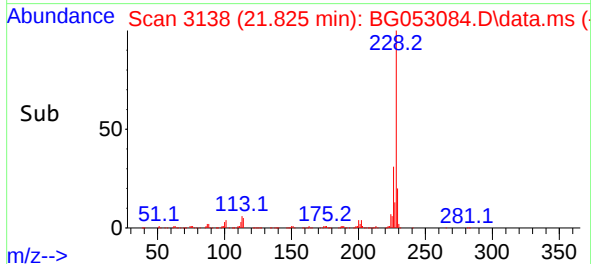
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG040822



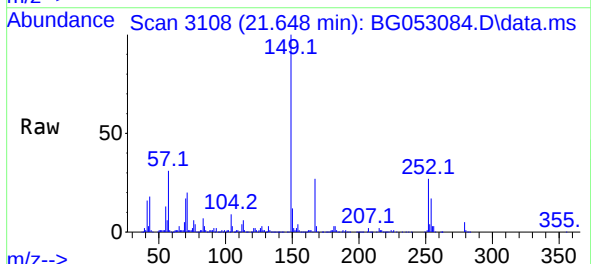
Tgt Ion:228 Resp: 553704  
Ion Ratio Lower Upper  
228 100  
226 31.2 24.2 36.4  
229 20.3 16.3 24.5

Manual Integrations  
APPROVED

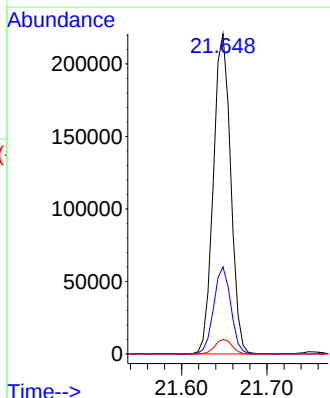
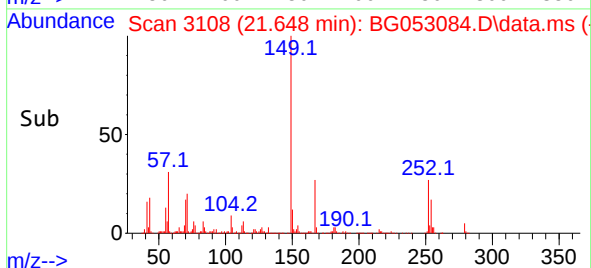
Reviewed By :Christian Giraldo 04/11/2022  
Supervised By :Jagrut Upadhyay 04/11/2022

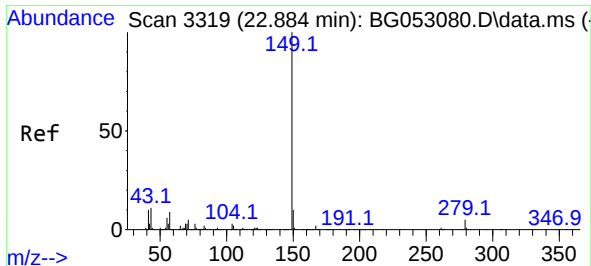


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 41.021 ng  
RT: 21.648 min Scan# 3108  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03



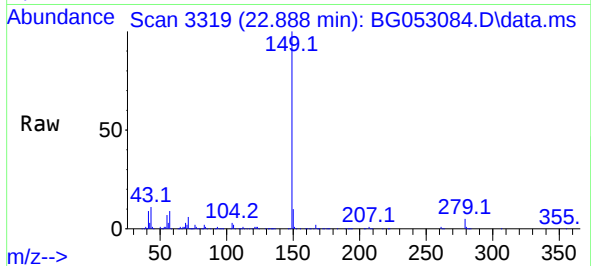
Tgt Ion:149 Resp: 311259  
Ion Ratio Lower Upper  
149 100  
167 27.2 21.4 32.2  
279 4.5 3.8 5.8





#85  
Di-n-octyl phthalate  
Concen: 41.733 ng  
RT: 22.888 min Scan# 31  
Delta R.T. 0.004 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

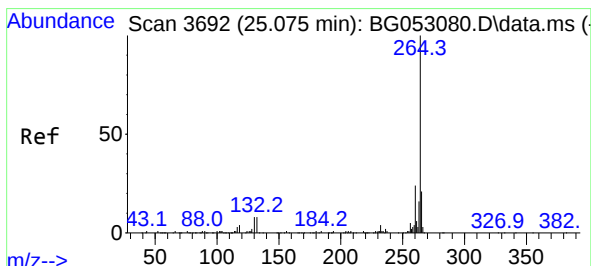
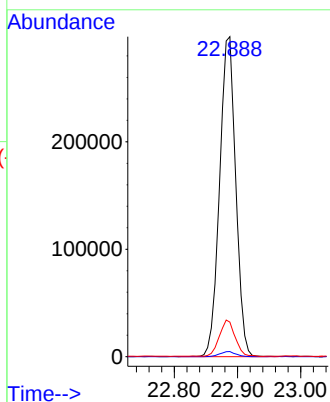
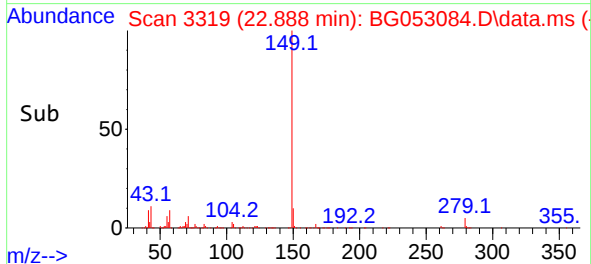
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG040822



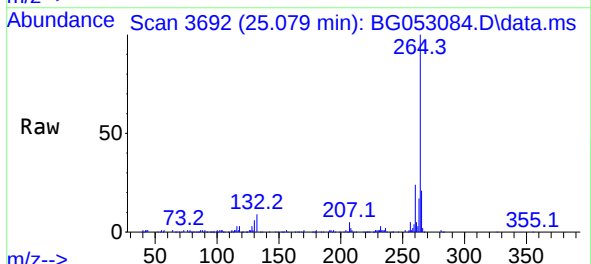
Tgt Ion:149 Resp: 529590  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 11.0 7.6 11.4

Manual Integrations  
APPROVED

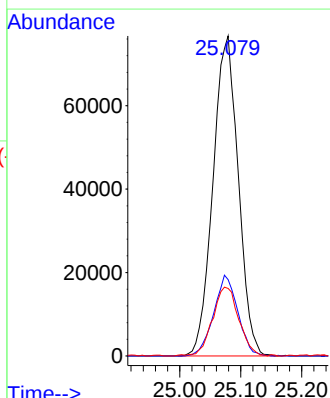
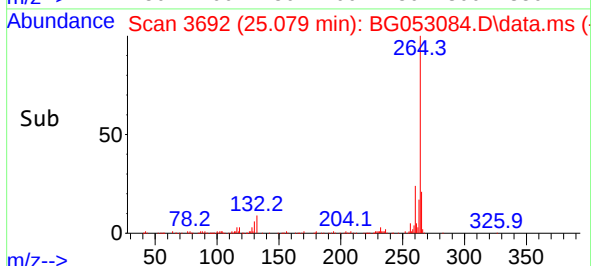
Reviewed By :Christian Giraldo 04/11/2022  
Supervised By :Jagrut Upadhyay 04/11/2022

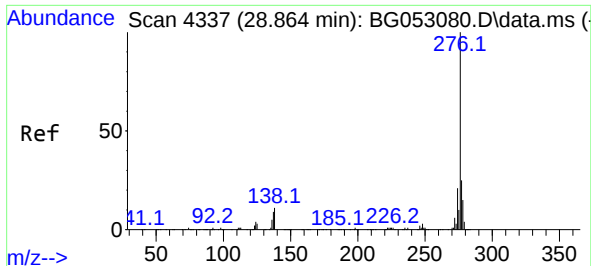


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.079 min Scan# 3692  
Delta R.T. 0.004 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03



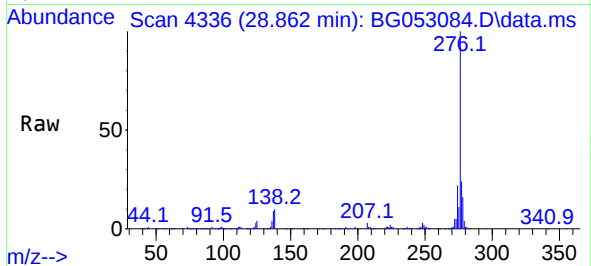
Tgt Ion:264 Resp: 220918  
Ion Ratio Lower Upper  
264 100  
260 23.8 18.2 27.2  
265 21.1 15.1 22.7





#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 40.696 ng  
 RT: 28.862 min Scan# 4337  
 Delta R.T. -0.002 min  
 Lab File: BG053084.D  
 Acq: 8 Apr 2022 15:03

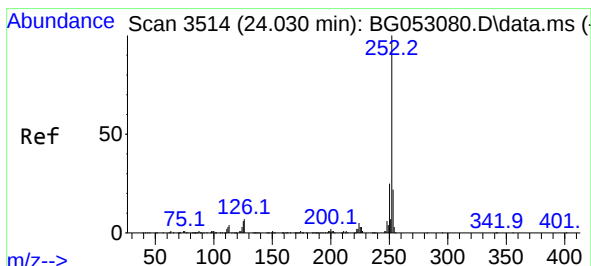
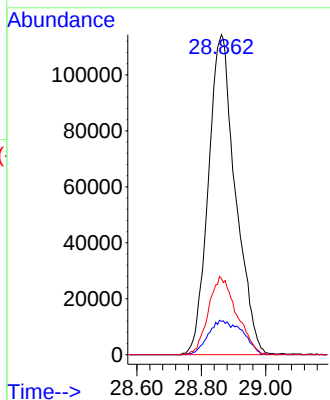
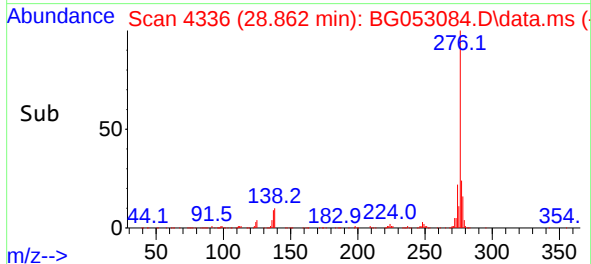
Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG040822



Tgt Ion:276 Resp: 66794  
 Ion Ratio Lower Upper  
 276 100  
 138 8.5 8.7 13.1  
 277 25.5 20.2 30.4

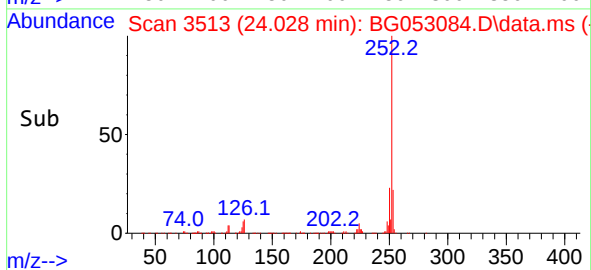
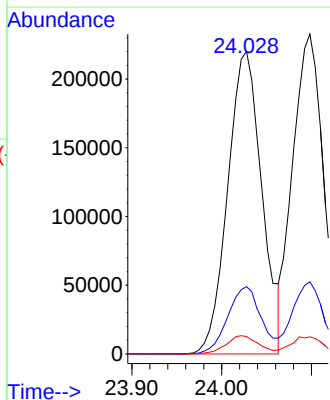
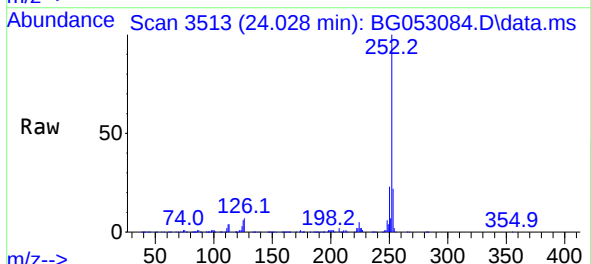
Manual Integrations  
 APPROVED

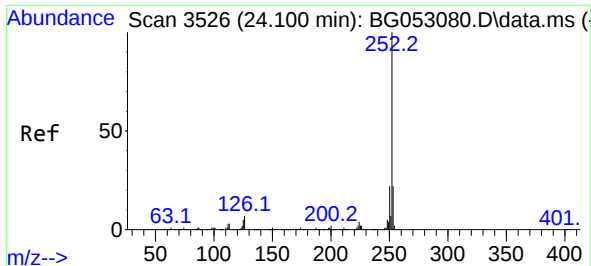
Reviewed By :Christian Giraldo 04/11/2022  
 Supervised By :Jagrut Upadhyay 04/11/2022



#88  
 Benzo(b)fluoranthene  
 Concen: 41.645 ng  
 RT: 24.028 min Scan# 3513  
 Delta R.T. -0.002 min  
 Lab File: BG053084.D  
 Acq: 8 Apr 2022 15:03

Tgt Ion:252 Resp: 580478  
 Ion Ratio Lower Upper  
 252 100  
 253 22.3 17.2 25.8  
 125 5.8 5.2 7.8





#89  
Benzo(k)fluoranthene  
Concen: 40.461 ng  
RT: 24.098 min Scan# 31  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

Instrument :

BNA\_G

ClientSampleId :

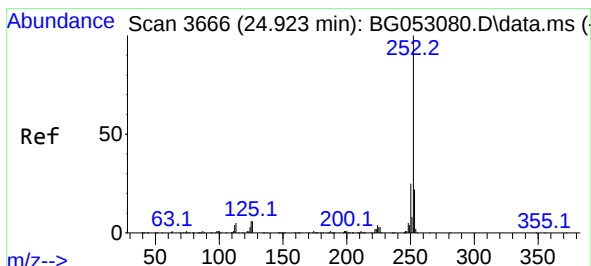
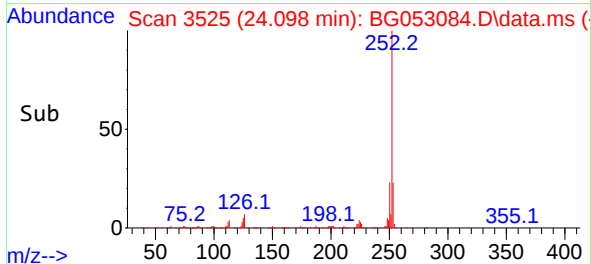
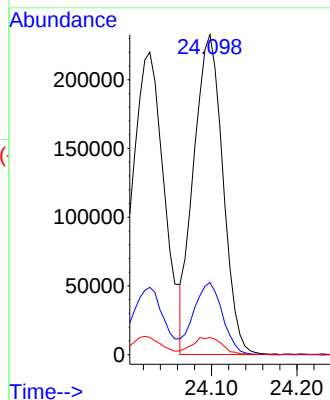
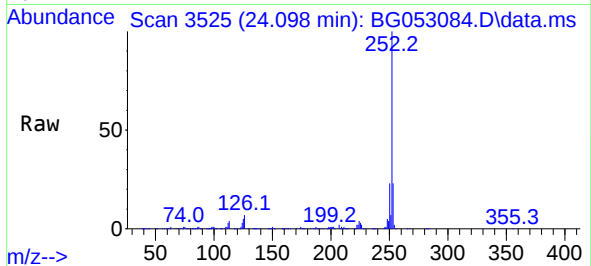
ICVBG040822

Tgt Ion:252 Resp: 554279  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.4 26.0  
125 5.3 5.0 7.4

Manual Integrations

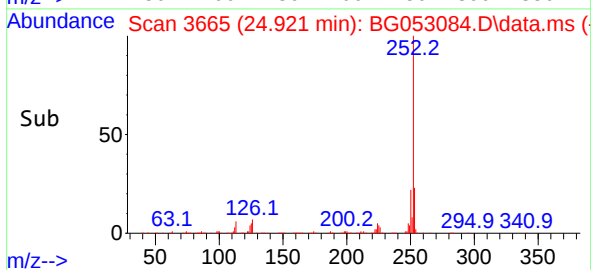
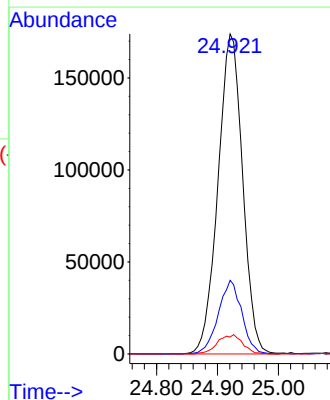
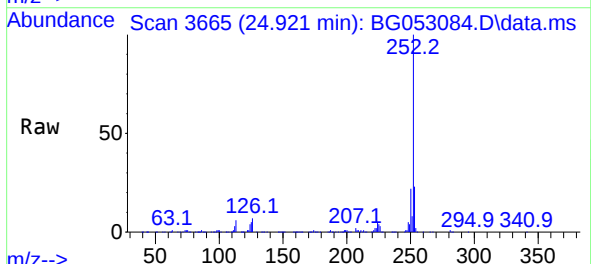
APPROVED

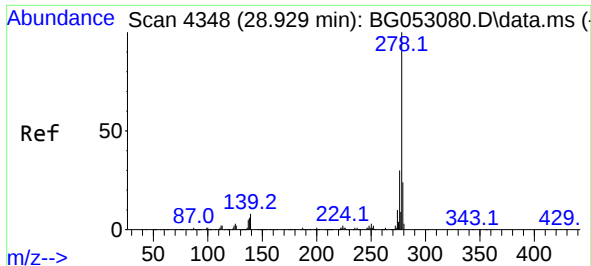
Reviewed By :Christian Giraldo 04/11/2022  
Supervised By :Jagrut Upadhyay 04/11/2022



#90  
Benzo(a)pyrene  
Concen: 41.045 ng  
RT: 24.921 min Scan# 3665  
Delta R.T. -0.002 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

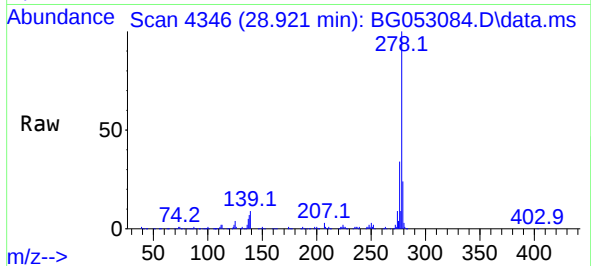
Tgt Ion:252 Resp: 487388  
Ion Ratio Lower Upper  
252 100  
253 23.0 18.4 27.6  
125 5.3 5.6 8.4#





#91  
Dibenzo(a,h)anthracene  
Concen: 40.587 ng  
RT: 28.921 min Scan# 41  
Delta R.T. -0.008 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03

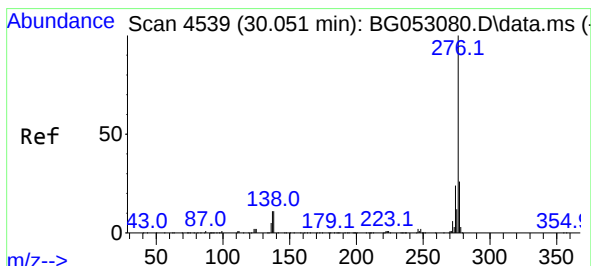
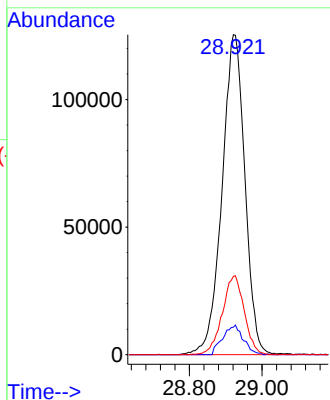
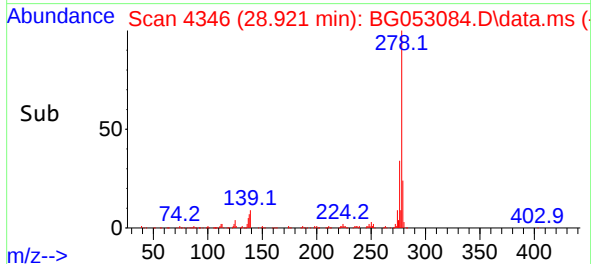
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG040822



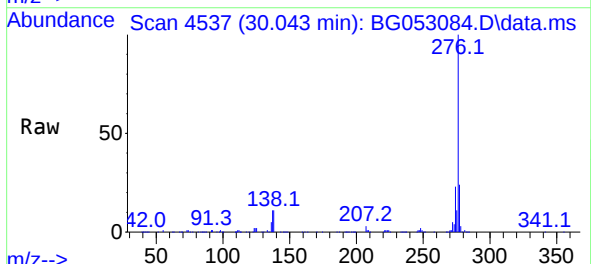
Tgt Ion:278 Resp: 54828  
Ion Ratio Lower Upper  
278 100  
139 8.6 7.8 11.6  
279 24.5 18.5 27.7

Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 04/11/2022  
Supervised By :Jagrut Upadhyay 04/11/2022



#92  
Benzo(g,h,i)perylene  
Concen: 40.788 ng  
RT: 30.043 min Scan# 4537  
Delta R.T. -0.008 min  
Lab File: BG053084.D  
Acq: 8 Apr 2022 15:03



Tgt Ion:276 Resp: 543077  
Ion Ratio Lower Upper  
276 100  
277 24.1 18.2 27.2  
138 10.7 9.1 13.7

