

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062323\  
 Data File : BG057833.D  
 Acq On : 23 Jun 2023 8:33  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/26/2023  
 Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 23 09:07:33 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG061923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 20 03:40:38 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.923  | 152  | 35918    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.731 | 136  | 161733   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.562 | 164  | 114810   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.306 | 188  | 283700   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.560 | 240  | 239325   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.715 | 264  | 298423   | 20.000 | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.496  | 112  | 194040   | 83.299 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.083  | 99   | 291230   | 81.935 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.086  | 82   | 266017   | 84.416 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.049 | 330  | 150735   | 94.251 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.187 | 172  | 606228   | 80.088 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.921 | 244  | 1040360  | 81.058 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.399  | 88   | 42728    | 40.295 | ng    | 91       |
| 3) Pyridine                   | 3.792  | 79   | 129266   | 40.026 | ng    | 91       |
| 4) n-Nitrosodimethylamine     | 3.710  | 42   | 53496    | 36.252 | ng    | 83       |
| 6) Aniline                    | 7.247  | 93   | 185226   | 40.699 | ng    | 96       |
| 8) 2-Chlorophenol             | 7.488  | 128  | 99229    | 41.407 | ng    | 99       |
| 9) Benzaldehyde               | 7.065  | 77   | 76190    | 34.090 | ng    | 98       |
| 10) Phenol                    | 7.112  | 94   | 143674   | 41.054 | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 7.347  | 93   | 109274   | 40.612 | ng    | 94       |
| 12) 1,3-Dichlorobenzene       | 7.811  | 146  | 98634    | 40.443 | ng    | 96       |
| 13) 1,4-Dichlorobenzene       | 7.958  | 146  | 100153   | 40.529 | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.281  | 146  | 97077    | 40.599 | ng    | 97       |
| 15) Benzyl Alcohol            | 8.158  | 79   | 108578   | 39.950 | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.458  | 45   | 177697   | 34.379 | ng    | 96       |
| 17) 2-Methylphenol            | 8.364  | 107  | 104864   | 40.740 | ng    | 94       |
| 18) Hexachloroethane          | 9.010  | 117  | 37647    | 43.205 | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.728  | 70   | 96124    | 38.790 | ng    | 95       |
| 20) 3+4-Methylphenols         | 8.693  | 107  | 146865   | 41.306 | ng    | 98       |
| 22) Acetophenone              | 8.745  | 105  | 178836   | 39.432 | ng    | 95       |
| 24) Nitrobenzene              | 9.127  | 77   | 134360   | 40.967 | ng    | 95       |
| 25) Isophorone                | 9.650  | 82   | 284567   | 39.526 | ng    | 98       |
| 26) 2-Nitrophenol             | 9.838  | 139  | 57387    | 54.999 | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 9.897  | 122  | 104576   | 40.482 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 10.132 | 93   | 153950   | 39.707 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.373 | 162  | 101865   | 41.524 | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.590 | 180  | 110763   | 40.507 | ng    | 94       |
| 31) Naphthalene               | 10.778 | 128  | 342214   | 39.756 | ng    | 99       |
| 32) Benzoic acid              | 10.026 | 122  | 88430    | 46.494 | ng    | 96       |
| 33) 4-Chloroaniline           | 10.884 | 127  | 161470   | 40.485 | ng    | 99       |
| 34) Hexachlorobutadiene       | 11.060 | 225  | 68815    | 41.250 | ng    | 98       |
| 35) Caprolactam               | 11.660 | 113  | 41848    | 42.039 | ng    | # 83     |
| 36) 4-Chloro-3-methylphenol   | 12.006 | 107  | 133416   | 41.643 | ng    | 96       |
| 37) 2-Methylnaphthalene       | 12.388 | 142  | 249980   | 39.842 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.606 | 142  | 237773   | 40.145 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.753 | 216  | 133184   | 41.844 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.735 | 237  | 77953    | 46.132 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol     | 12.993 | 196  | 97757    | 42.894 | ng    | 98       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062323\  
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 Acq On : 23 Jun 2023 8:33  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDCCC040

## Manual Integrations

## APPROVED

Reviewed By :Yogesh Patel 06/26/2023

Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 23 09:07:33 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG061923.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

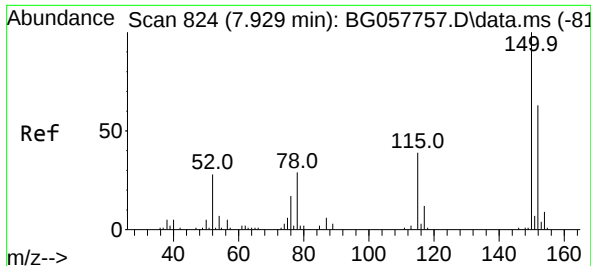
QLast Update : Tue Jun 20 03:40:38 2023

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.064 | 196  | 115976   | 43.657 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.393 | 154  | 316039   | 40.090 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.440 | 162  | 246272   | 40.664 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.640 | 65   | 98142    | 45.601 | ng    | 92       |
| 49) Acenaphthylene            | 14.286 | 152  | 419670   | 40.372 | ng    | 98       |
| 50) Dimethylphthalate         | 14.016 | 163  | 359443   | 40.762 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.133 | 165  | 76509    | 47.117 | ng    | 96       |
| 52) Acenaphthene              | 14.627 | 154  | 266124m  | 41.353 | ng    |          |
| 53) 3-Nitroaniline            | 14.462 | 138  | 85412    | 46.674 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.668 | 184  | 43006    | 51.807 | ng    | 96       |
| 55) Dibenzofuran              | 14.962 | 168  | 418230   | 40.418 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.768 | 139  | 68495    | 47.098 | ng    | 95       |
| 57) 2,4-Dinitrotoluene        | 14.921 | 165  | 109647   | 49.793 | ng    | 94       |
| 58) Fluorene                  | 15.608 | 166  | 329648   | 40.245 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.185 | 232  | 101433   | 44.803 | ng    | 98       |
| 60) Diethylphthalate          | 15.379 | 149  | 371857   | 41.104 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.602 | 204  | 179865   | 41.298 | ng    | 95       |
| 62) 4-Nitroaniline            | 15.632 | 138  | 86077    | 46.139 | ng    | 100      |
| 63) Azobenzene                | 15.896 | 77   | 358018   | 38.688 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 15.684 | 198  | 63915    | 48.927 | ng    | 89       |
| 66) n-Nitrosodiphenylamine    | 15.814 | 169  | 297780   | 39.769 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 16.495 | 248  | 123449   | 41.030 | ng    | 94       |
| 68) Hexachlorobenzene         | 16.613 | 284  | 129976   | 42.376 | ng    | 97       |
| 69) Atrazine                  | 16.760 | 200  | 103080   | 40.104 | ng    | 95       |
| 70) Pentachlorophenol         | 16.953 | 266  | 101428   | 44.761 | ng    | 97       |
| 71) Phenanthrene              | 17.347 | 178  | 543304   | 39.552 | ng    | 100      |
| 72) Anthracene                | 17.441 | 178  | 563575   | 40.179 | ng    | 99       |
| 73) Carbazole                 | 17.706 | 167  | 518703   | 40.108 | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.270 | 149  | 648101   | 42.323 | ng    | 100      |
| 75) Fluoranthene              | 19.357 | 202  | 664433   | 40.603 | ng    | 99       |
| 77) Benzidine                 | 19.539 | 184  | 247249   | 44.073 | ng    | 100      |
| 78) Pyrene                    | 19.721 | 202  | 674785   | 39.525 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.608 | 149  | 281232   | 43.304 | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.542 | 228  | 666828   | 40.611 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine    | 21.460 | 252  | 240329   | 43.033 | ng    | 98       |
| 83) Chrysene                  | 21.607 | 228  | 633931   | 40.229 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.454 | 149  | 403878   | 42.833 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.641 | 149  | 721709   | 43.638 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 28.317 | 276  | 808052   | 41.415 | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 23.716 | 252  | 675113   | 41.283 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.787 | 252  | 658861   | 39.559 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.568 | 252  | 656157   | 40.855 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.381 | 278  | 678024   | 41.882 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 29.439 | 276  | 665575   | 41.060 | ng    | 99       |

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





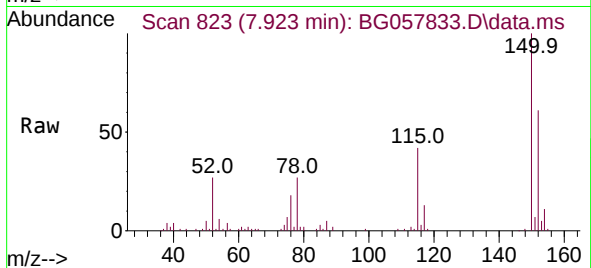
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1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.923 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

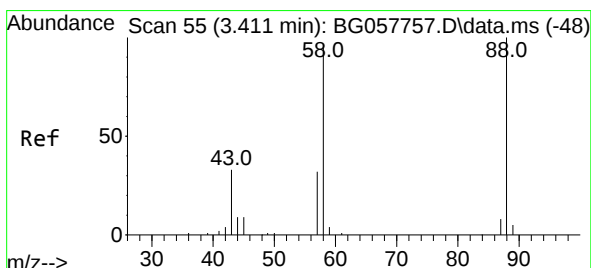
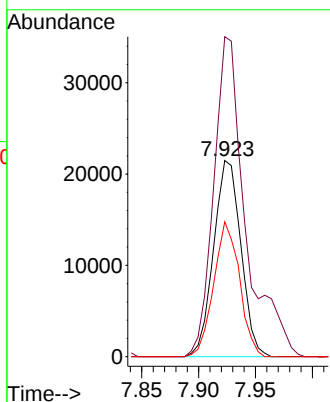
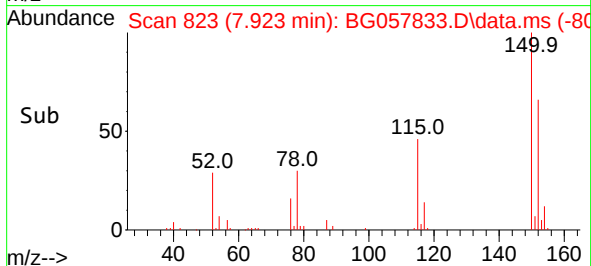


Tgt Ion:152 Resp: 35918  
Ion Ratio Lower Upper  
152 100  
150 163.2 126.6 189.8  
115 68.8 48.9 73.3

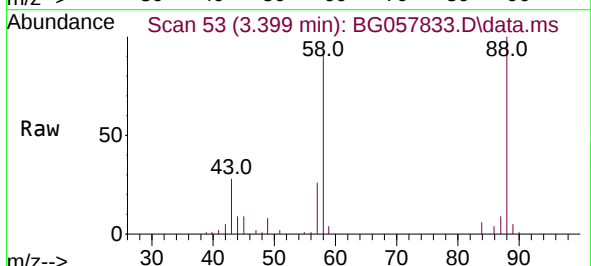
Manual Integrations

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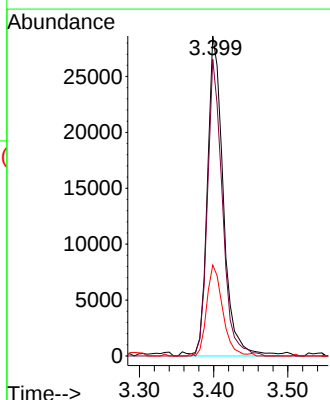
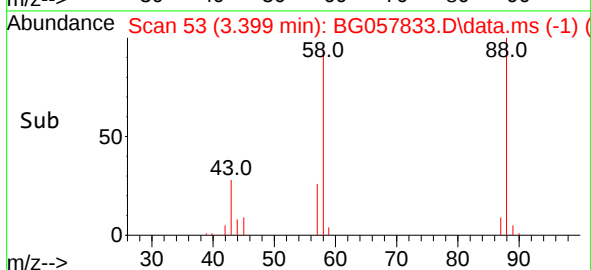
Reviewed By :Yogesh Patel 06/26/2023  
Supervised By :mohammad ahmed 06/27/2023

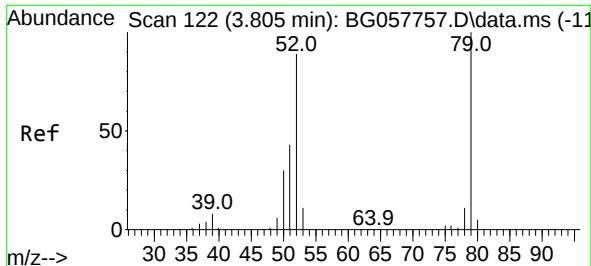


#2  
1,4-Dioxane  
Concen: 40.295 ng  
RT: 3.399 min Scan# 53  
Delta R.T. -0.012 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33



Tgt Ion: 88 Resp: 42728  
Ion Ratio Lower Upper  
88 100  
58 86.7 76.2 114.4  
43 28.5 26.3 39.5





#3  
Pyridine  
Concen: 40.026 ng  
RT: 3.792 min Scan# 110  
Delta R.T. -0.013 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

Instrument :

BNA\_G

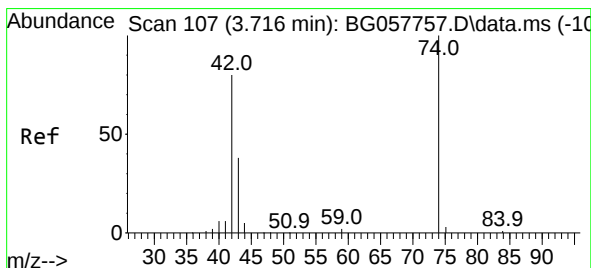
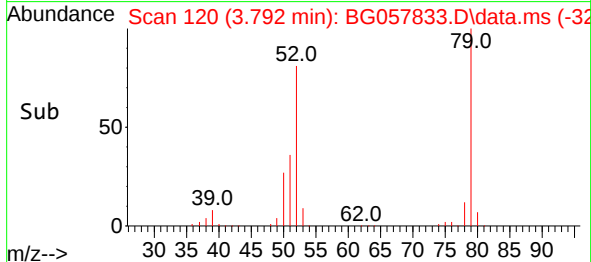
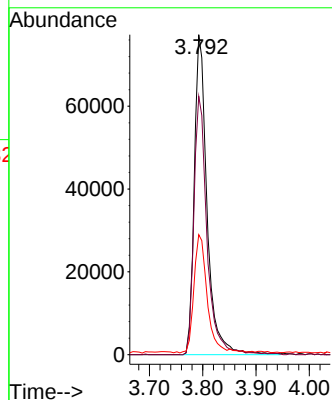
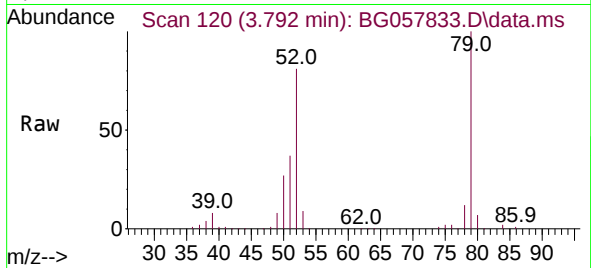
ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 129260  
Ion Ratio Lower Upper  
79 100  
52 80.7 71.4 107.0  
51 37.5 34.9 52.3

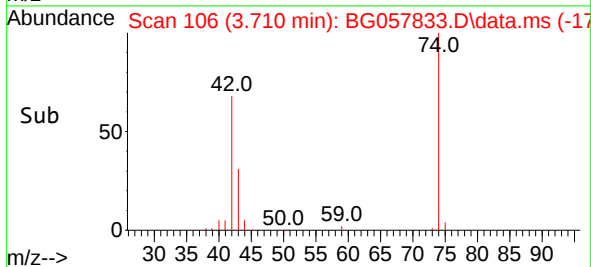
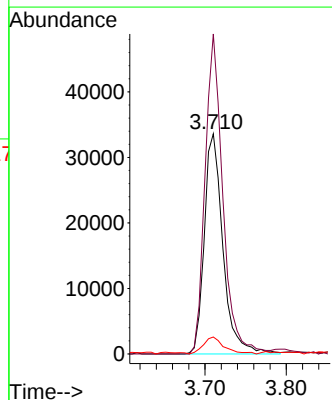
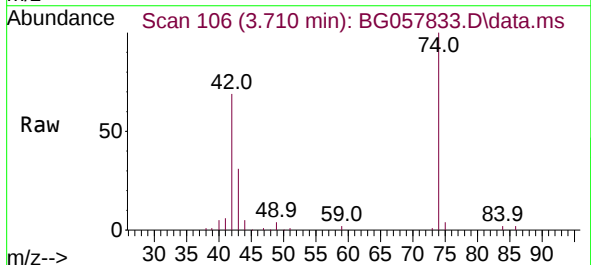
Manual Integrations  
APPROVED

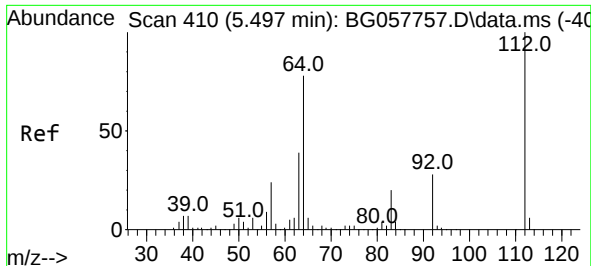
Reviewed By :Yogesh Patel 06/26/2023  
Supervised By :mohammad ahmed 06/27/2023



#4  
n-Nitrosodimethylamine  
Concen: 36.252 ng  
RT: 3.710 min Scan# 106  
Delta R.T. -0.006 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

Tgt Ion: 42 Resp: 53496  
Ion Ratio Lower Upper  
42 100  
74 145.4 99.9 149.9  
44 7.7 6.0 9.0





#5  
2-Fluorophenol  
Concen: 83.299 ng  
RT: 5.496 min Scan# 410  
Delta R.T. -0.001 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

Instrument :

BNA\_G

ClientSampleId :

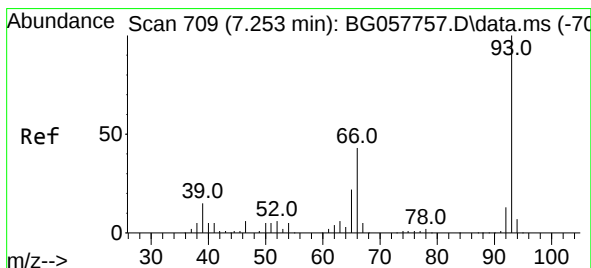
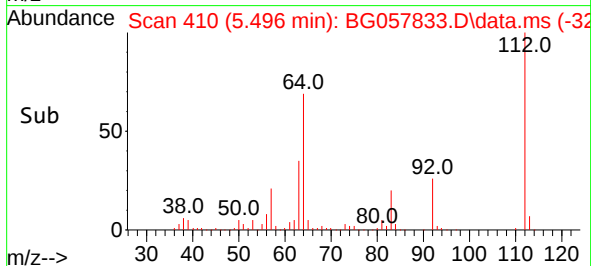
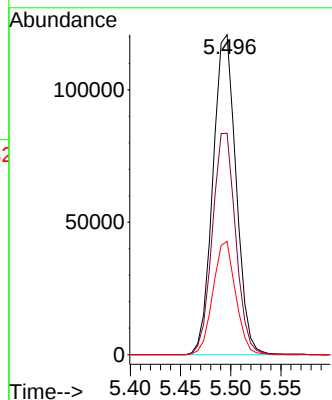
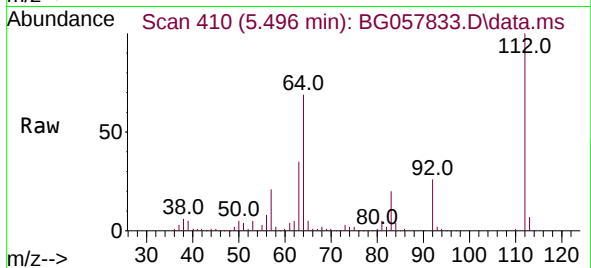
SSTDCCC040

Tgt Ion:112 Resp: 194040  
Ion Ratio Lower Upper  
112 100  
64 69.2 62.1 93.1  
63 35.4 31.5 47.3

Manual Integrations

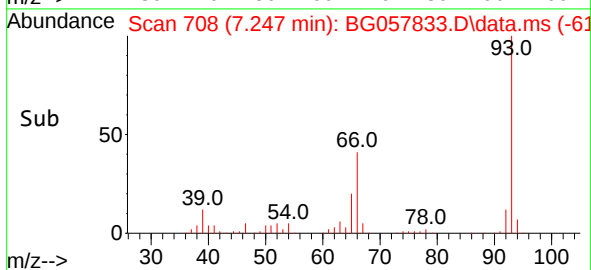
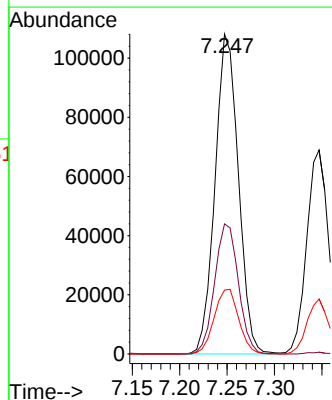
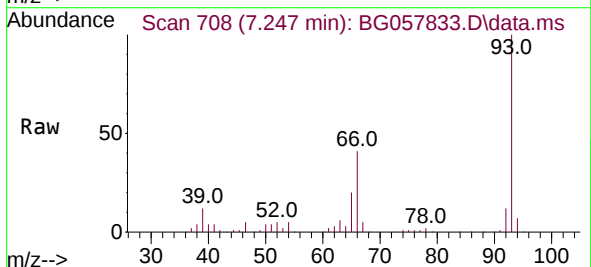
APPROVED

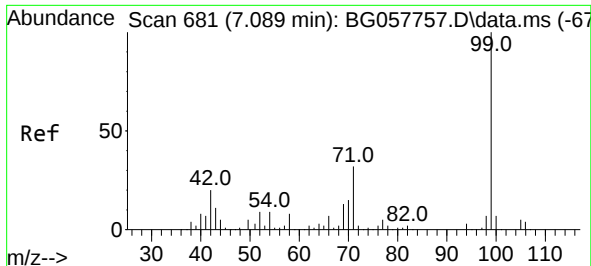
Reviewed By :Yogesh Patel 06/26/2023  
Supervised By :mohammad ahmed 06/27/2023



#6  
Aniline  
Concen: 40.699 ng  
RT: 7.247 min Scan# 708  
Delta R.T. -0.006 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

Tgt Ion: 93 Resp: 185226  
Ion Ratio Lower Upper  
93 100  
66 40.7 34.5 51.7  
65 19.9 17.4 26.2





#7  
Phenol-d6  
Concen: 81.935 ng  
RT: 7.083 min Scan# 681  
Delta R.T. -0.006 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

Instrument :

BNA\_G

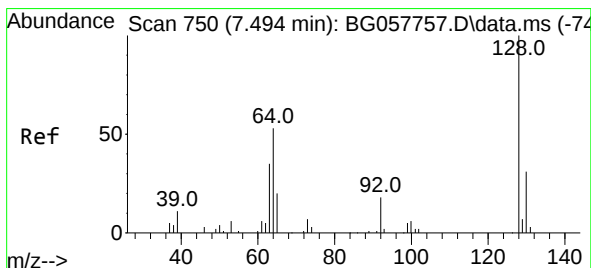
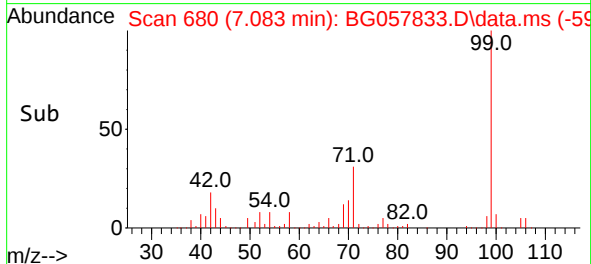
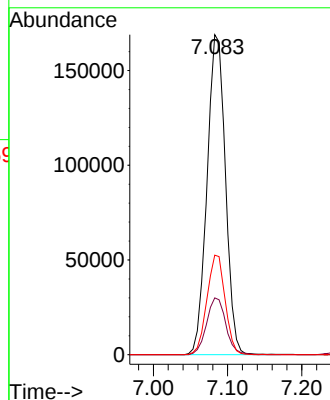
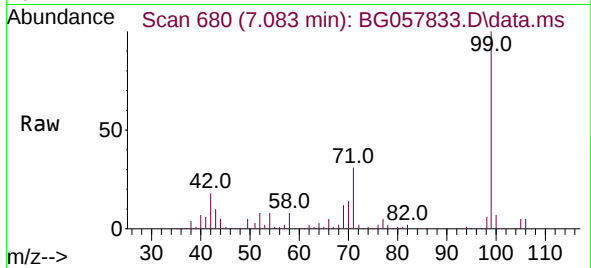
ClientSampleId :

SSTDCCC040

Tgt Ion: 99 Resp: 291230  
Ion Ratio Lower Upper  
99 100  
42 17.7 16.4 24.6  
71 31.1 25.8 38.6

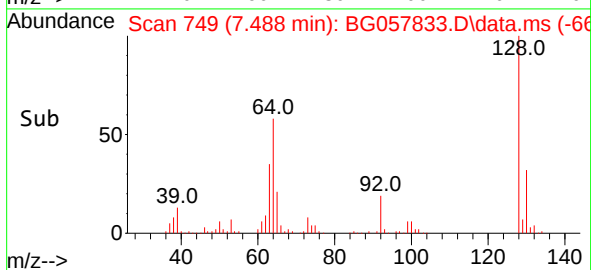
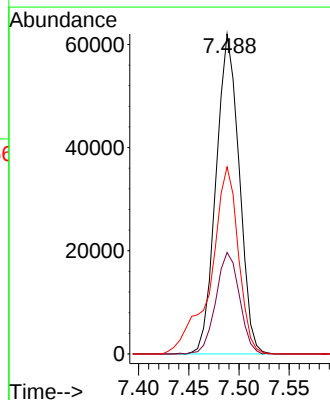
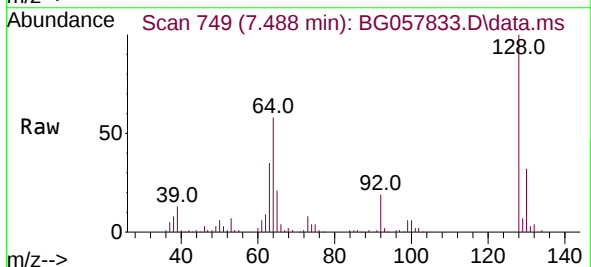
Manual Integrations  
APPROVED

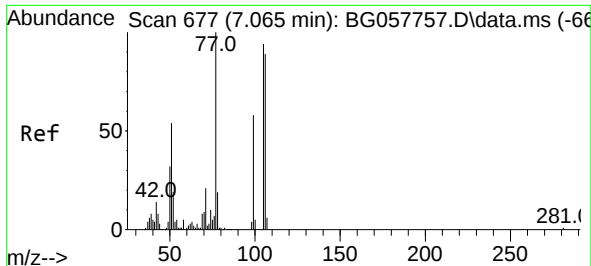
Reviewed By :Yogesh Patel 06/26/2023  
Supervised By :mohammad ahmed 06/27/2023



#8  
2-Chlorophenol  
Concen: 41.407 ng  
RT: 7.488 min Scan# 749  
Delta R.T. -0.006 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

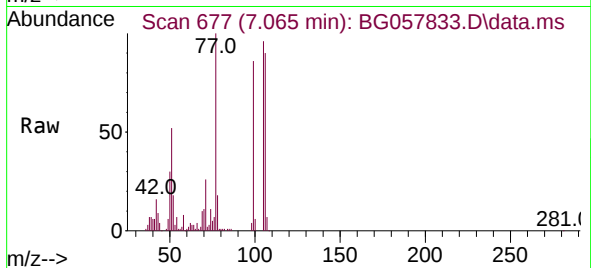
Tgt Ion:128 Resp: 99229  
Ion Ratio Lower Upper  
128 100  
130 31.7 10.6 50.6  
64 58.4 39.1 79.1





#9  
Benzaldehyde  
Concen: 34.090 ng  
RT: 7.065 min Scan# 677  
Delta R.T. 0.000 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

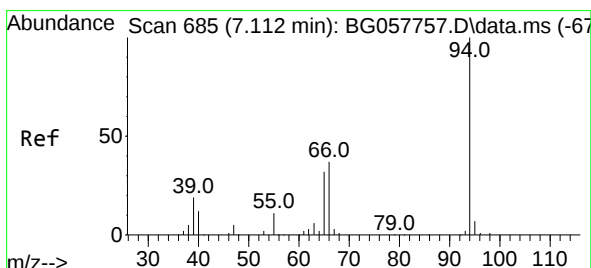
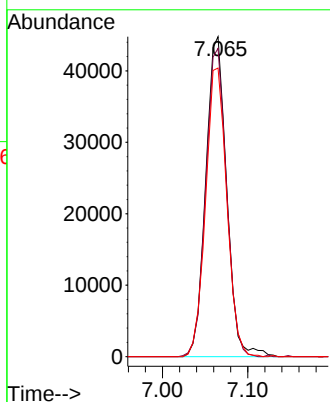
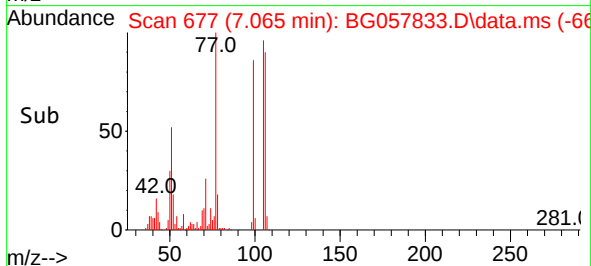
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



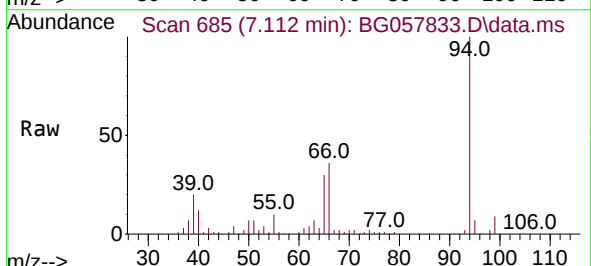
Tgt Ion: 77 Resp: 76190  
Ion Ratio Lower Upper  
77 100  
105 96.4 73.7 113.7  
106 90.2 69.0 109.0

Manual Integrations  
APPROVED

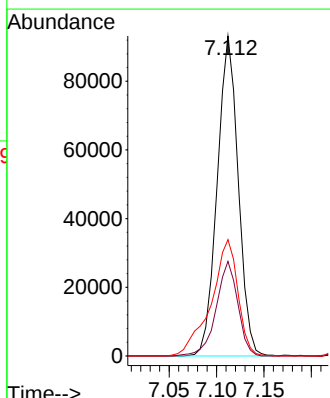
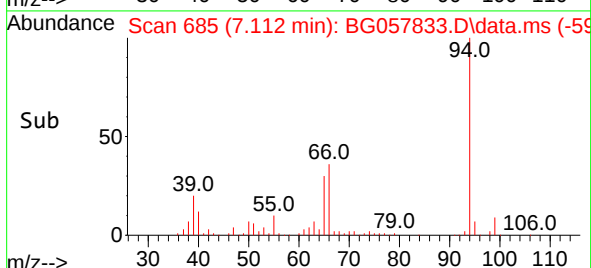
Reviewed By :Yogesh Patel 06/26/2023  
Supervised By :mohammad ahmed 06/27/2023

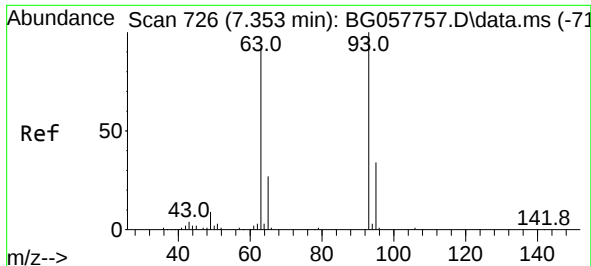


#10  
Phenol  
Concen: 41.054 ng  
RT: 7.112 min Scan# 685  
Delta R.T. -0.000 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33



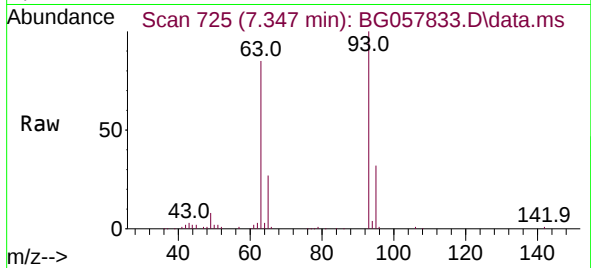
Tgt Ion: 94 Resp: 143674  
Ion Ratio Lower Upper  
94 100  
65 29.6 12.2 52.2  
66 36.3 18.3 58.3





#11  
bis(2-Chloroethyl)ether  
Concen: 40.612 ng  
RT: 7.347 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

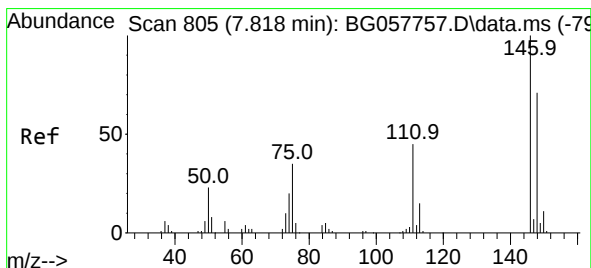
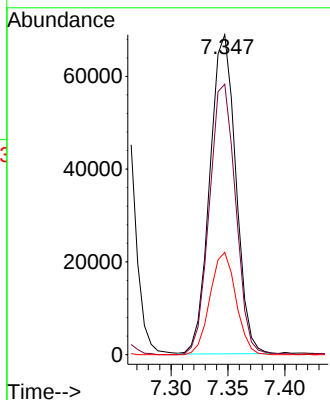
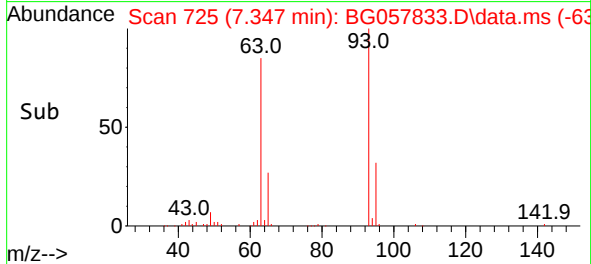
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 93 Resp: 109274  
Ion Ratio Lower Upper  
93 100  
63 84.6 71.2 111.2  
95 32.0 14.2 54.2

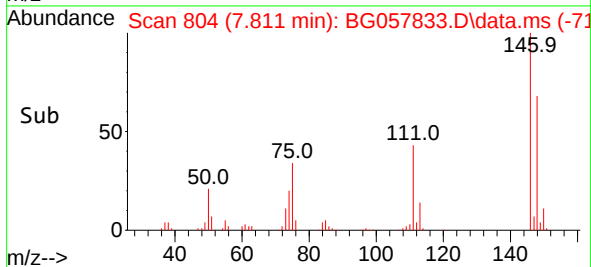
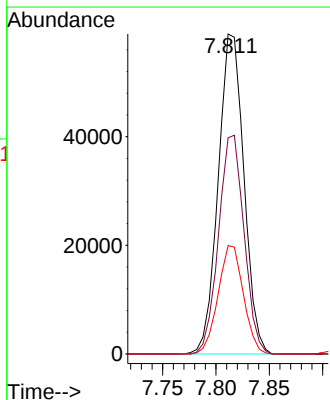
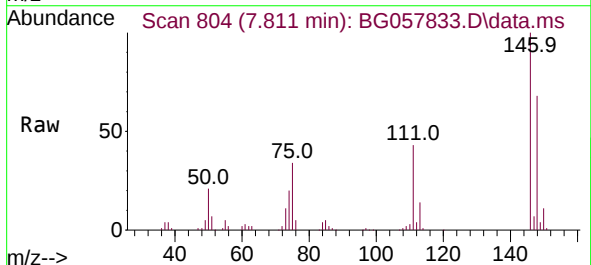
Manual Integrations  
APPROVED

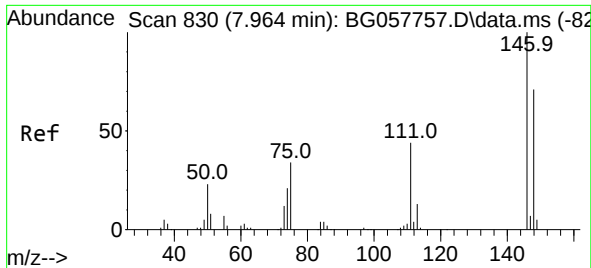
Reviewed By :Yogesh Patel 06/26/2023  
Supervised By :mohammad ahmed 06/27/2023



#12  
1,3-Dichlorobenzene  
Concen: 40.443 ng  
RT: 7.811 min Scan# 804  
Delta R.T. -0.006 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

Tgt Ion:146 Resp: 98634  
Ion Ratio Lower Upper  
146 100  
148 67.6 57.0 85.6  
75 33.9 27.8 41.8





#13

1,4-Dichlorobenzene

Concen: 40.529 ng

RT: 7.958 min Scan# 81

Delta R.T. -0.006 min

Lab File: BG057833.D

Acq: 23 Jun 2023 8:33

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 10015

Ion Ratio Lower Upper

146 100

148 68.0 57.0 85.4

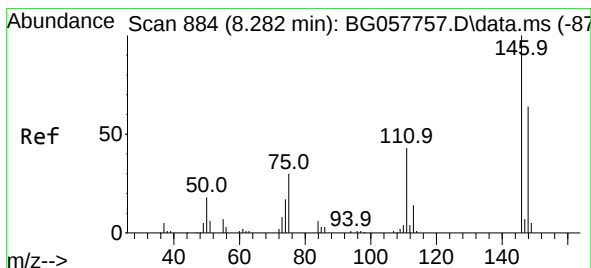
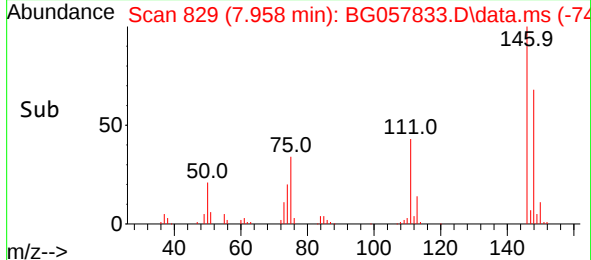
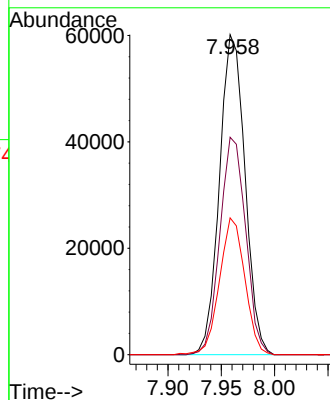
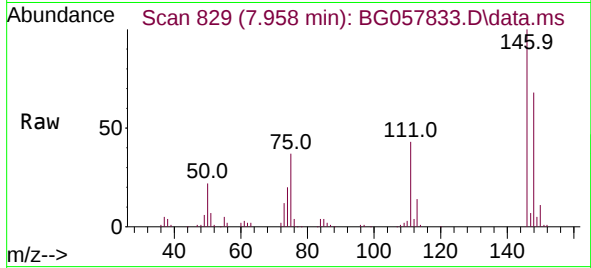
111 42.8 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2023

Supervised By :mohammad ahmed 06/27/2023



#14

1,2-Dichlorobenzene

Concen: 40.599 ng

RT: 8.281 min Scan# 884

Delta R.T. -0.000 min

Lab File: BG057833.D

Acq: 23 Jun 2023 8:33

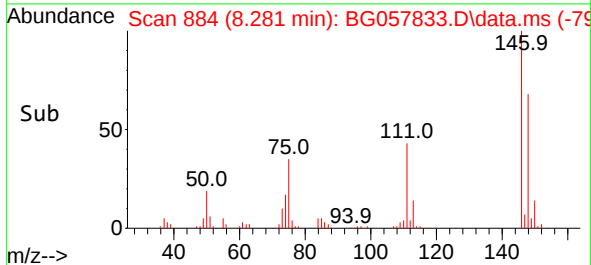
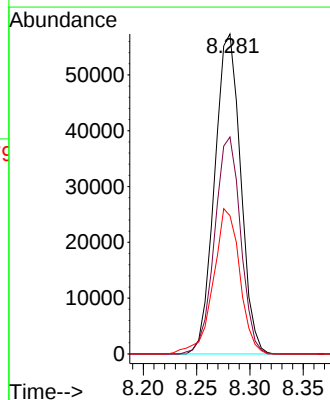
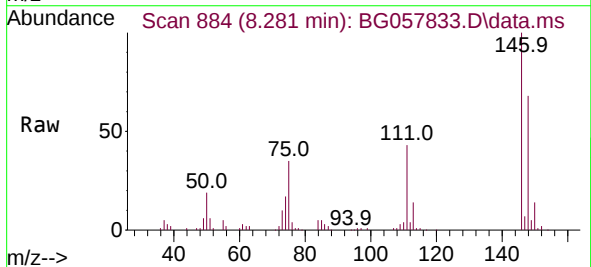
Tgt Ion:146 Resp: 97077

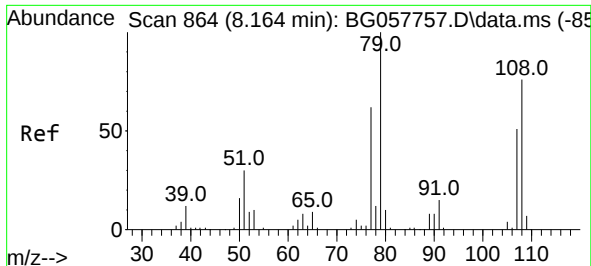
Ion Ratio Lower Upper

146 100

148 67.8 51.0 76.6

111 43.2 34.9 52.3





#15  
Benzyl Alcohol  
Concen: 39.950 ng  
RT: 8.158 min Scan# 80  
Delta R.T. -0.006 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

Instrument :

BNA\_G

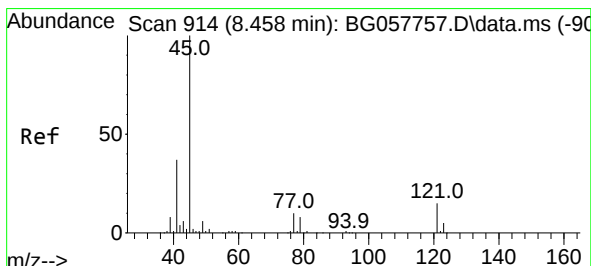
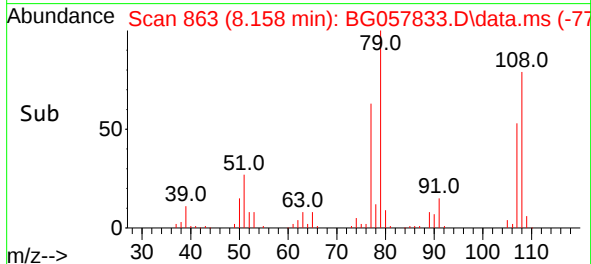
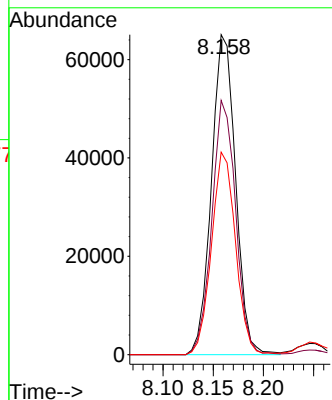
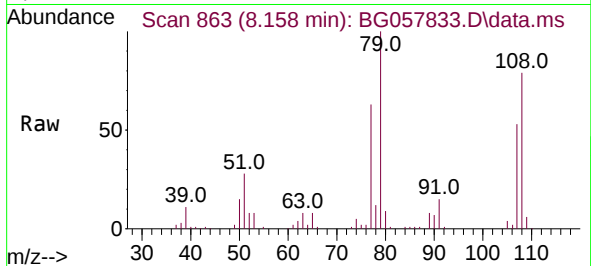
ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 108578  
Ion Ratio Lower Upper  
79 100  
108 79.4 60.5 90.7  
77 63.3 49.3 73.9

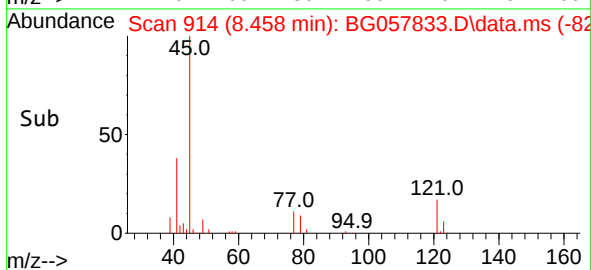
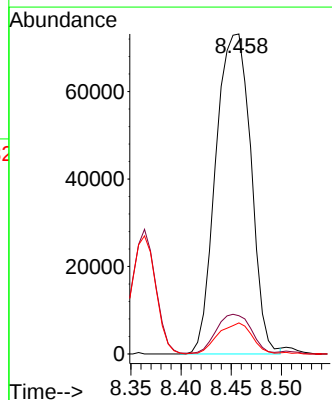
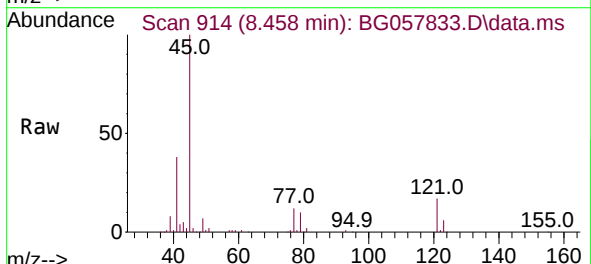
Manual Integrations  
APPROVED

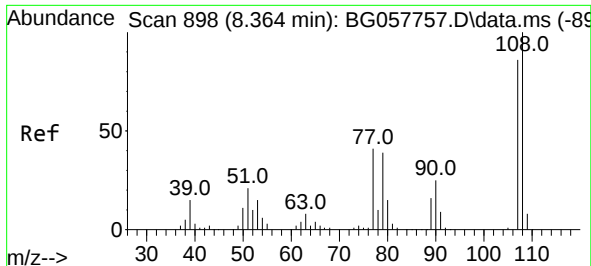
Reviewed By :Yogesh Patel 06/26/2023  
Supervised By :mohammad ahmed 06/27/2023



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 34.379 ng  
RT: 8.458 min Scan# 914  
Delta R.T. -0.000 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

Tgt Ion: 45 Resp: 177697  
Ion Ratio Lower Upper  
45 100  
77 12.0 0.0 30.6  
79 9.7 0.0 28.3





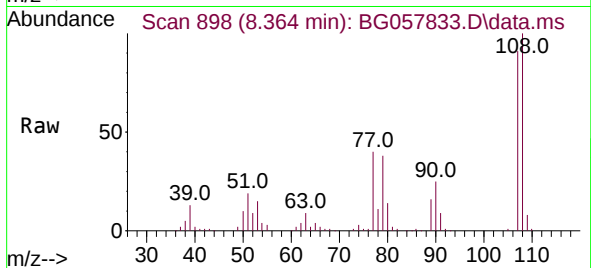
#17  
2-Methylphenol  
Concen: 40.740 ng  
RT: 8.364 min Scan# 898  
Delta R.T. -0.000 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

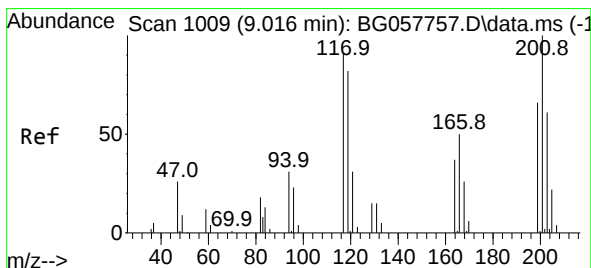
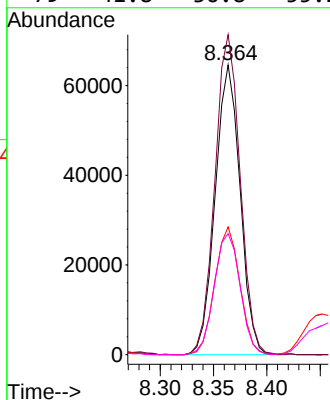
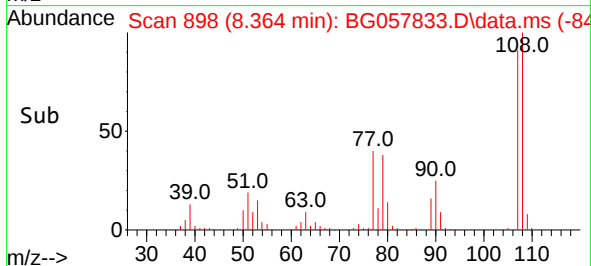


Tgt Ion:107 Resp: 104864  
Ion Ratio Lower Upper  
107 100  
108 110.5 93.2 139.8  
77 44.1 37.8 56.8  
79 41.8 36.8 55.2

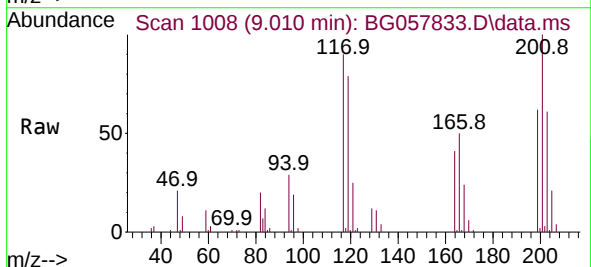
Manual Integrations

APPROVED

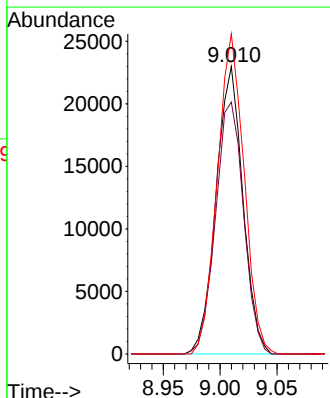
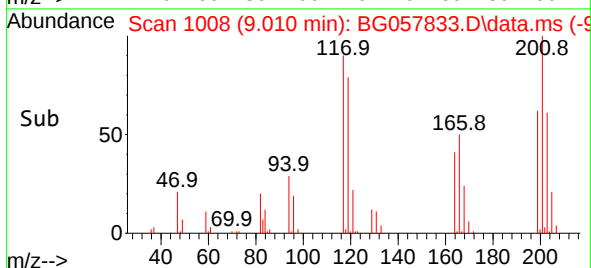
Reviewed By :Yogesh Patel 06/26/2023  
Supervised By :mohammad ahmed 06/27/2023

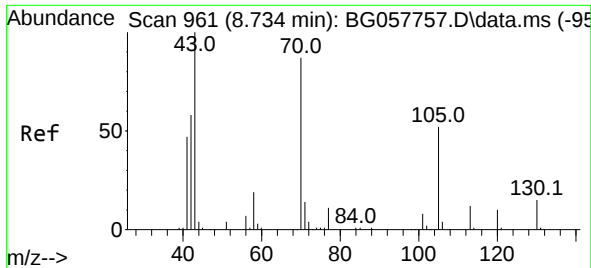


#18  
Hexachloroethane  
Concen: 43.205 ng  
RT: 9.010 min Scan# 1008  
Delta R.T. -0.006 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33



Tgt Ion:117 Resp: 37647  
Ion Ratio Lower Upper  
117 100  
119 87.6 72.3 108.5  
201 111.3 87.8 131.8





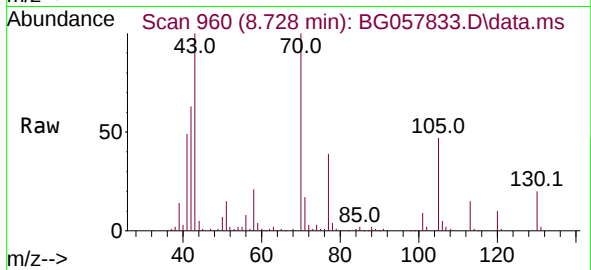
#19  
n-Nitroso-di-n-propylamine  
Concen: 38.790 ng  
RT: 8.728 min Scan# 961  
Delta R.T. -0.006 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

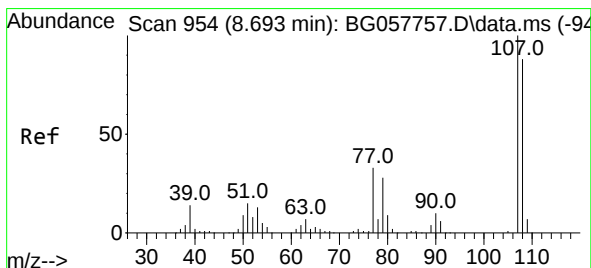
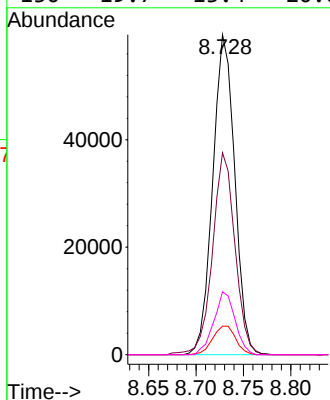
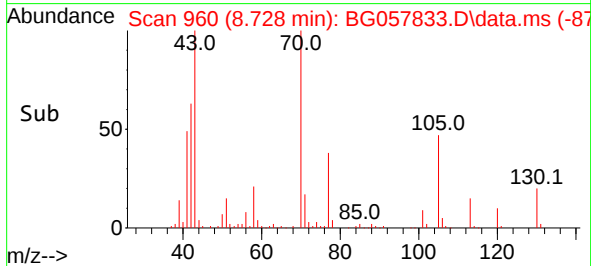


Tgt Ion: 70 Resp: 96124  
Ion Ratio Lower Upper  
70 100  
42 63.1 54.2 81.2  
101 8.9 7.4 11.0  
130 19.7 13.4 20.0

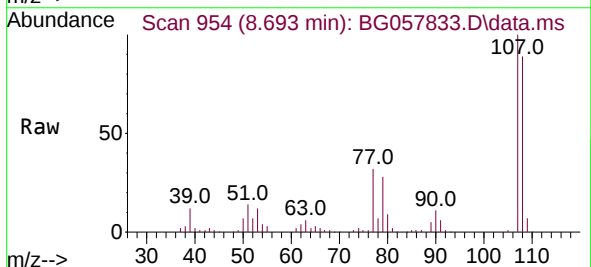
Manual Integrations

APPROVED

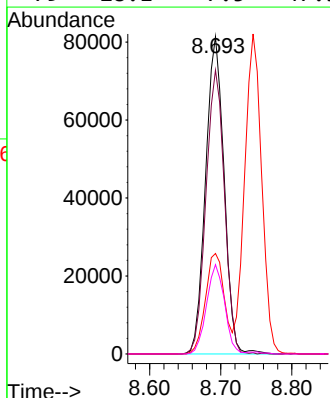
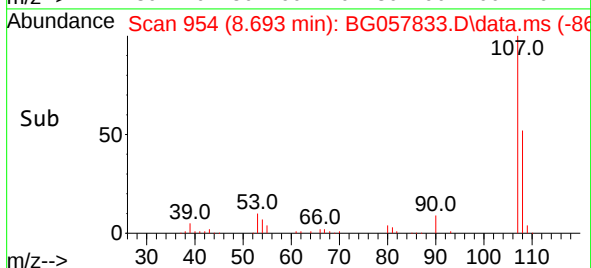
Reviewed By :Yogesh Patel 06/26/2023  
Supervised By :mohammad ahmed 06/27/2023

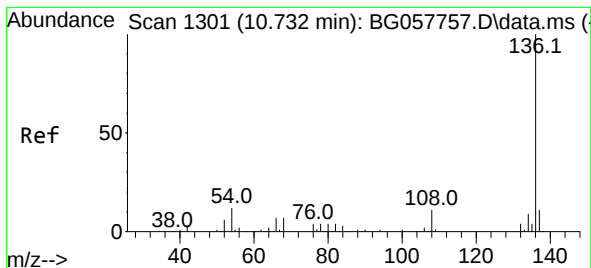


#20  
3+4-Methylphenols  
Concen: 41.306 ng  
RT: 8.693 min Scan# 954  
Delta R.T. -0.000 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33



Tgt Ion:107 Resp: 146865  
Ion Ratio Lower Upper  
107 100  
108 89.4 67.7 107.7  
77 31.6 13.3 53.3  
79 28.1 7.5 47.5





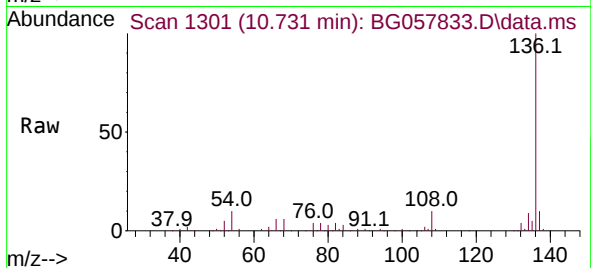
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.731 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

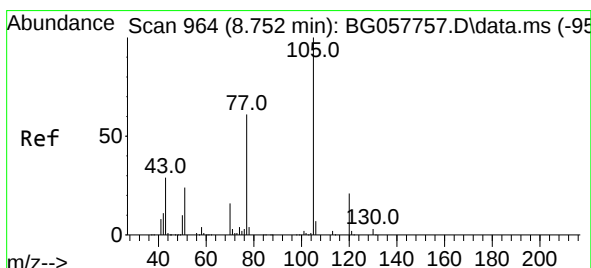
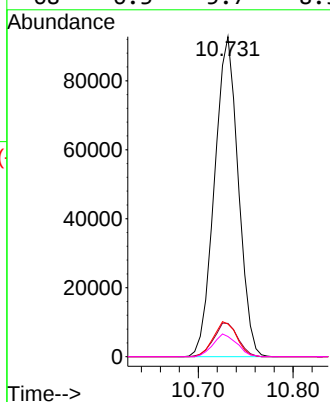
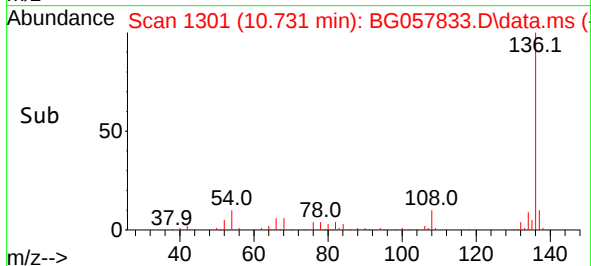


Tgt Ion:136 Resp: 161733  
Ion Ratio Lower Upper  
136 100  
137 10.4 8.5 12.7  
54 10.2 9.5 14.3  
68 6.3 5.7 8.5

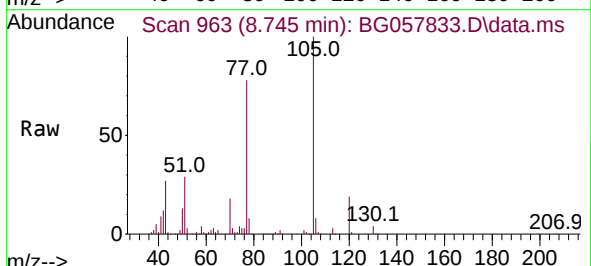
Manual Integrations

APPROVED

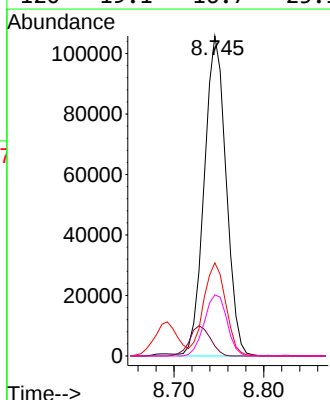
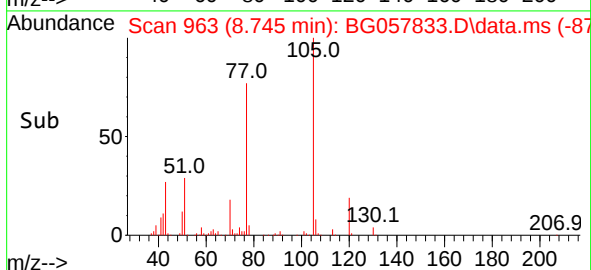
Reviewed By :Yogesh Patel 06/26/2023  
Supervised By :mohammad ahmed 06/27/2023

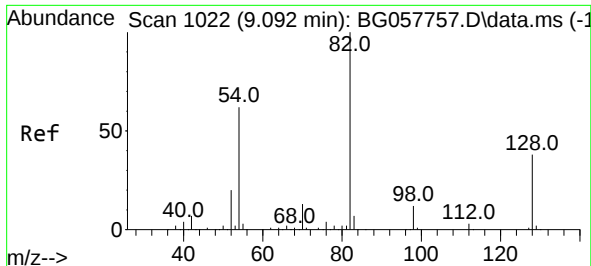


#22  
Acetophenone  
Concen: 39.432 ng  
RT: 8.745 min Scan# 963  
Delta R.T. -0.006 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33



Tgt Ion:105 Resp: 178836  
Ion Ratio Lower Upper  
105 100  
71 3.1 2.4 3.6  
51 29.1 25.9 38.9  
120 19.1 16.7 25.1





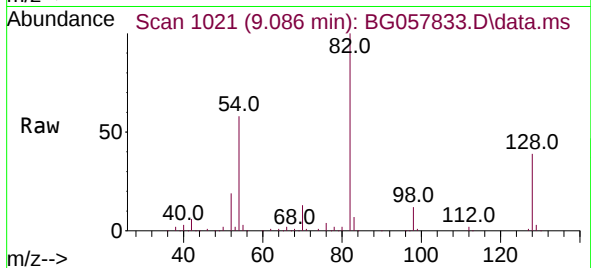
#23  
Nitrobenzene-d5  
Concen: 84.416 ng  
RT: 9.086 min Scan# 1021  
Delta R.T. -0.006 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040



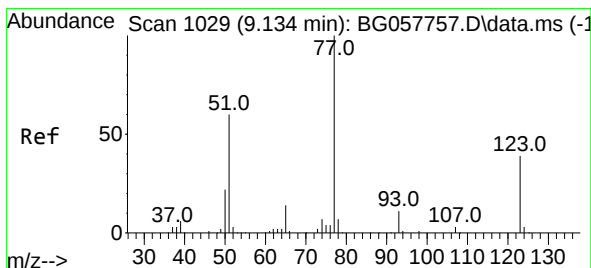
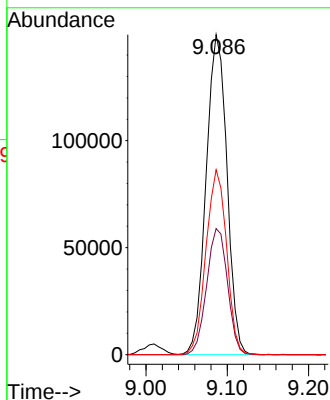
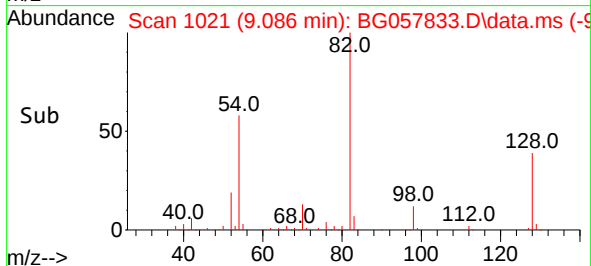
Tgt Ion: 82 Resp: 26601  
Ion Ratio Lower Upper  
82 100  
128 39.4 30.7 46.1  
54 57.8 49.6 74.4

Manual Integrations

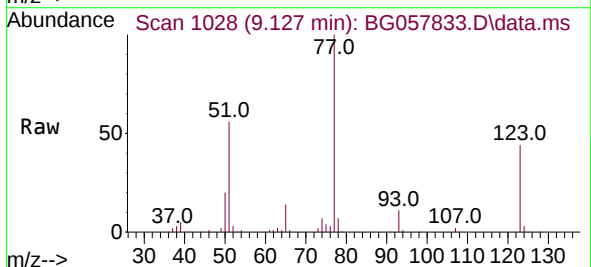
APPROVED

Reviewed By :Yogesh Patel 06/26/2023

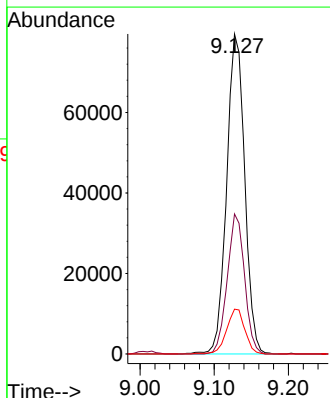
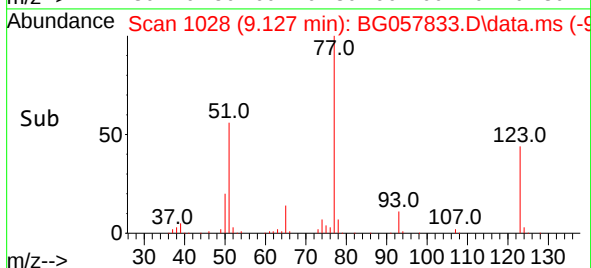
Supervised By :mohammad ahmed 06/27/2023

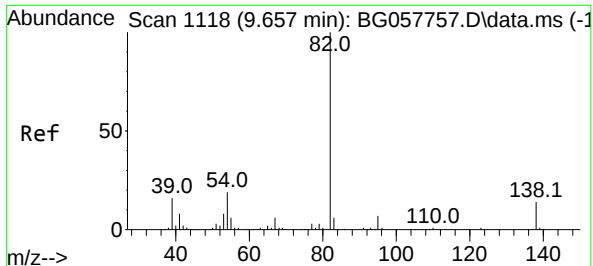


#24  
Nitrobenzene  
Concen: 40.967 ng  
RT: 9.127 min Scan# 1028  
Delta R.T. -0.007 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33



Tgt Ion: 77 Resp: 134360  
Ion Ratio Lower Upper  
77 100  
123 43.8 31.4 47.2  
65 14.0 11.2 16.8





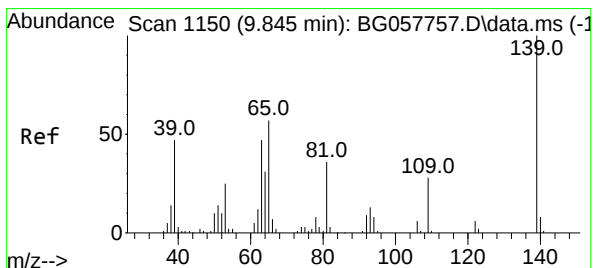
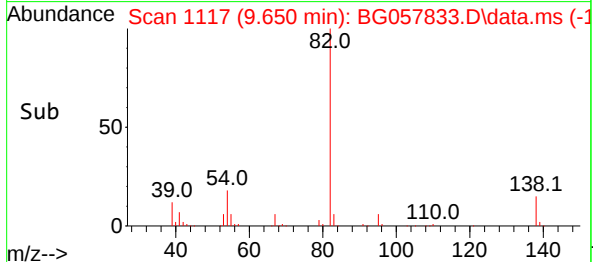
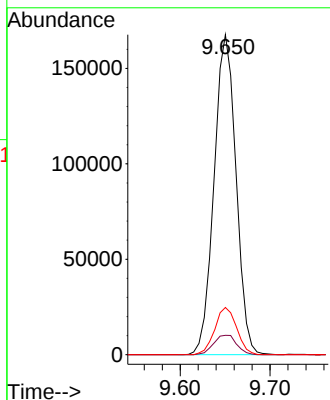
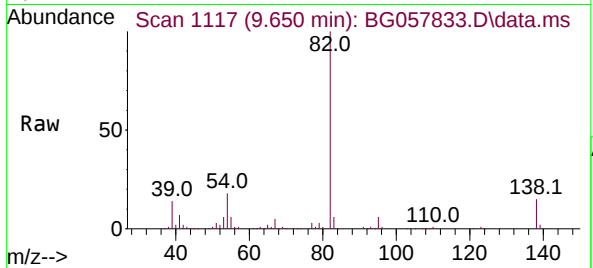
#25  
Isophorone  
Concen: 39.526 ng  
RT: 9.650 min Scan# 1118  
Delta R.T. -0.006 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 82 Resp: 28456  
Ion Ratio Lower Upper  
82 100  
95 6.1 5.2 7.8  
138 14.7 11.1 16.7

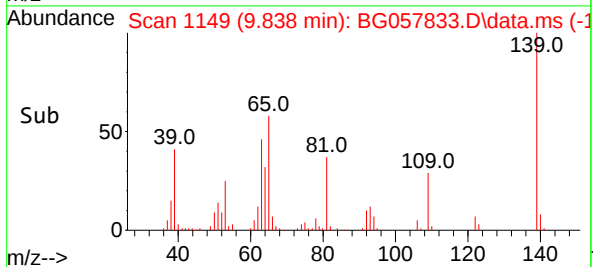
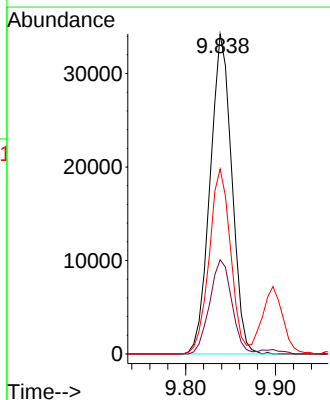
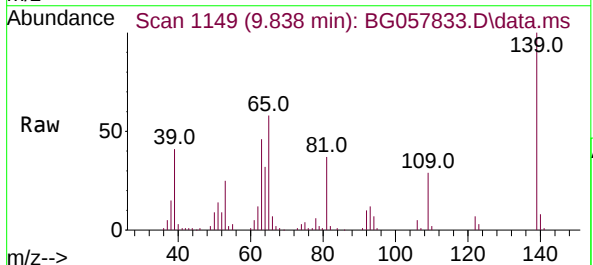
Manual Integrations  
APPROVED

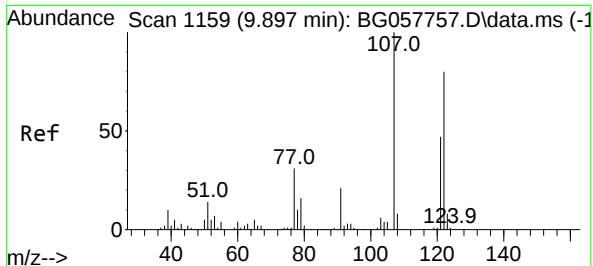
Reviewed By :Yogesh Patel 06/26/2023  
Supervised By :mohammad ahmed 06/27/2023



#26  
2-Nitrophenol  
Concen: 54.999 ng  
RT: 9.838 min Scan# 1149  
Delta R.T. -0.007 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

Tgt Ion:139 Resp: 57387  
Ion Ratio Lower Upper  
139 100  
109 29.5 22.5 33.7  
65 57.8 45.5 68.3





#27

2,4-Dimethylphenol

Concen: 40.482 ng

RT: 9.897 min Scan# 1159

Delta R.T. -0.000 min

Lab File: BG057833.D

Acq: 23 Jun 2023 8:33

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

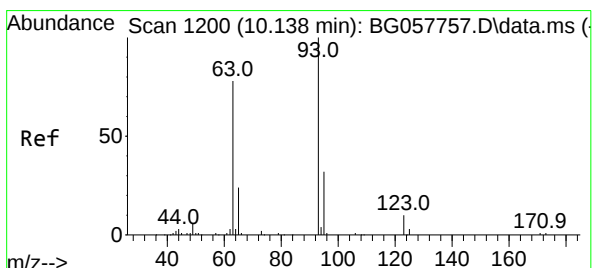
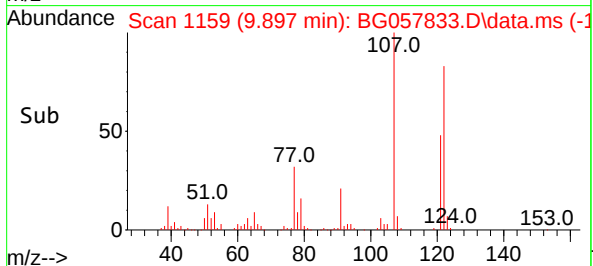
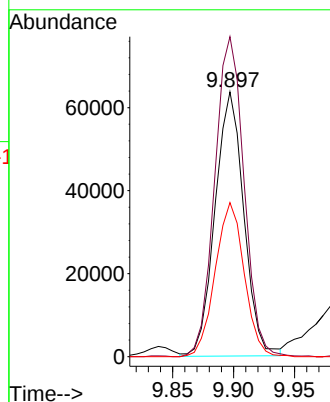
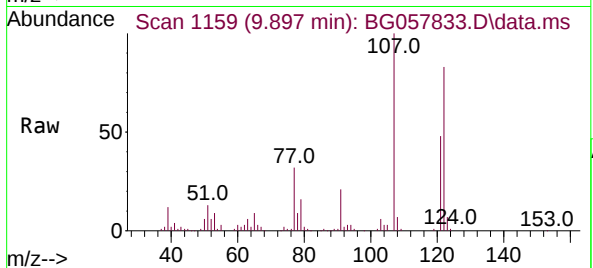
Tgt Ion:122 Resp: 104570  
 Ion Ratio Lower Upper  
 122 100  
 107 120.9 98.9 148.3  
 121 58.2 46.4 69.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2023

Supervised By :mohammad ahmed 06/27/2023



#28

bis(2-Chloroethoxy)methane

Concen: 39.707 ng

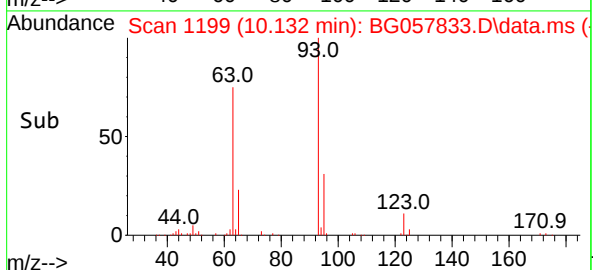
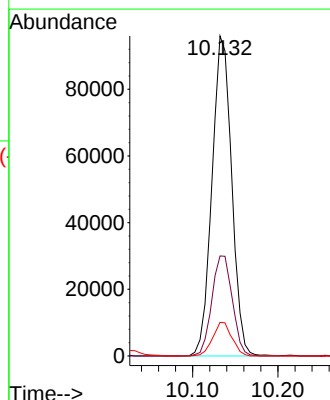
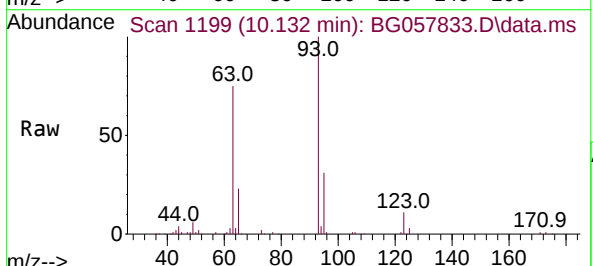
RT: 10.132 min Scan# 1199

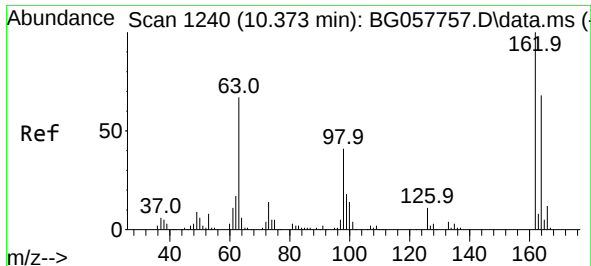
Delta R.T. -0.006 min

Lab File: BG057833.D

Acq: 23 Jun 2023 8:33

Tgt Ion: 93 Resp: 153950  
 Ion Ratio Lower Upper  
 93 100  
 95 31.3 25.6 38.4  
 123 10.5 8.2 12.2





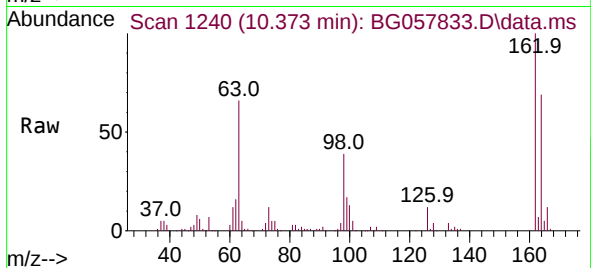
#29  
2,4-Dichlorophenol  
Concen: 41.524 ng  
RT: 10.373 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040



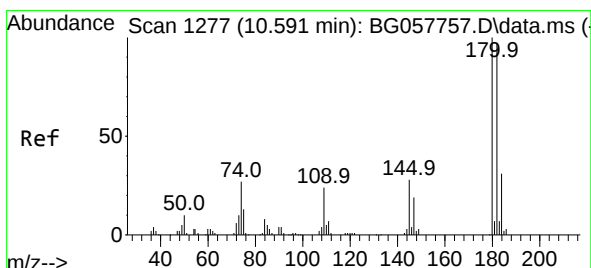
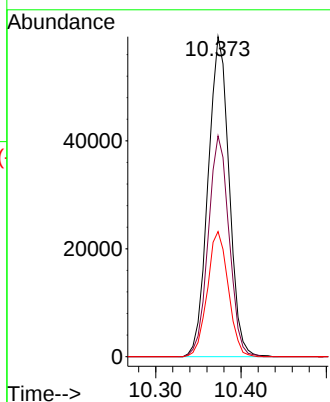
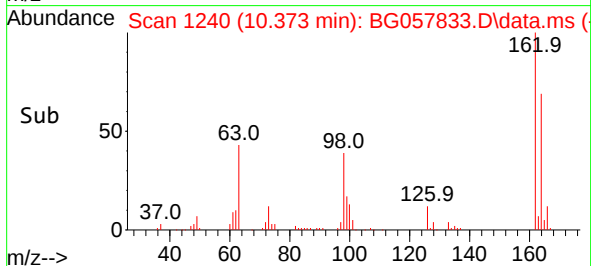
Tgt Ion:162 Resp: 10186  
Ion Ratio Lower Upper  
162 100  
164 69.0 48.2 88.2  
98 39.1 20.7 60.7

Manual Integrations

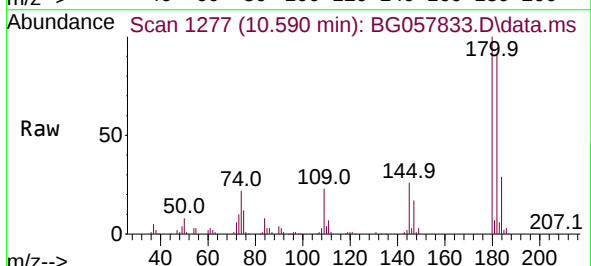
APPROVED

Reviewed By :Yogesh Patel 06/26/2023

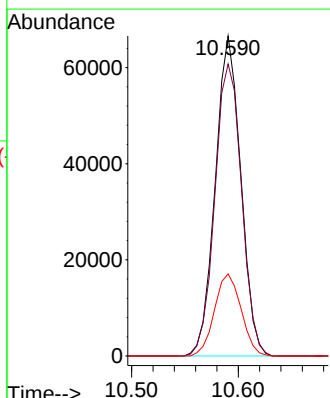
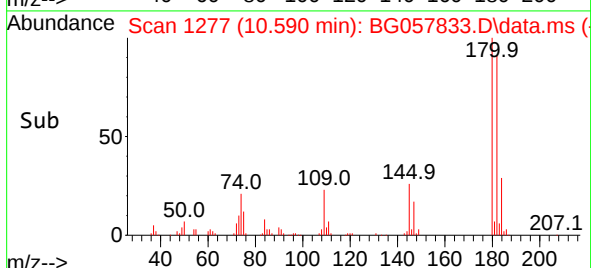
Supervised By :mohammad ahmed 06/27/2023

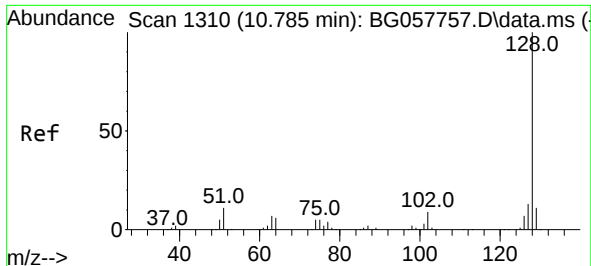


#30  
1,2,4-Trichlorobenzene  
Concen: 40.507 ng  
RT: 10.590 min Scan# 1277  
Delta R.T. -0.001 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33



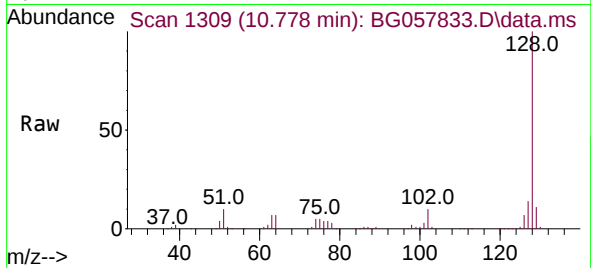
Tgt Ion:180 Resp: 110763  
Ion Ratio Lower Upper  
180 100  
182 91.3 77.5 116.3  
145 25.7 22.6 34.0





#31  
Naphthalene  
Concen: 39.756 ng  
RT: 10.778 min Scan# 1181  
Delta R.T. -0.006 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

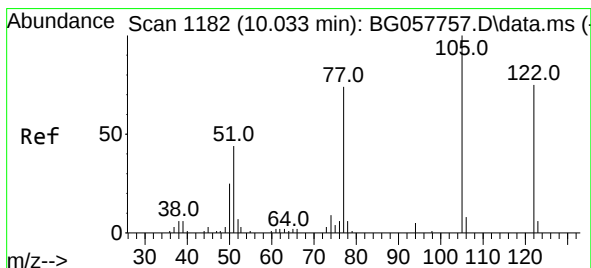
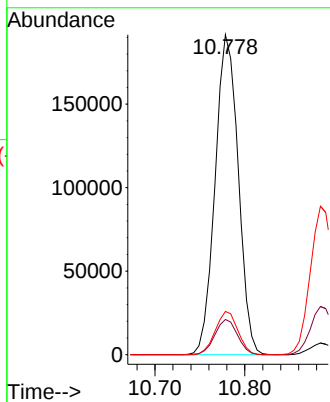
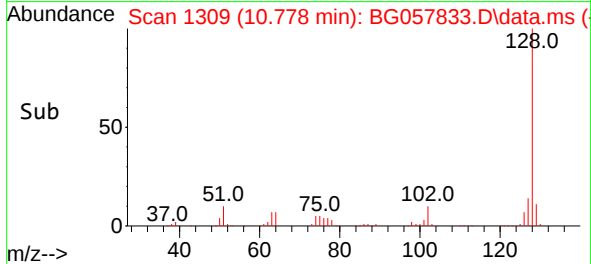
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



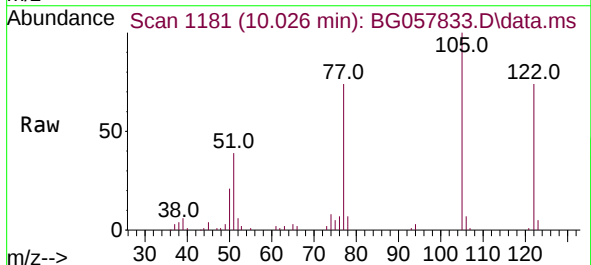
Tgt Ion:128 Resp: 342214  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.5 12.7  
127 13.5 10.7 16.1

Manual Integrations  
APPROVED

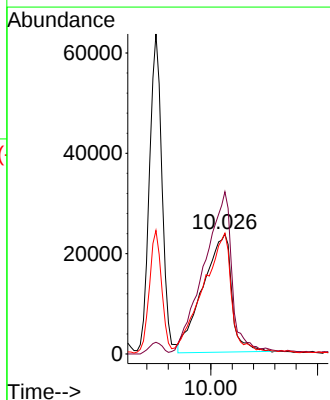
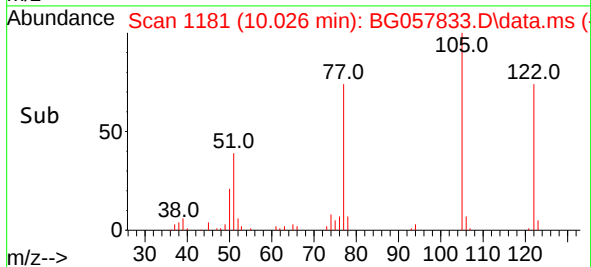
Reviewed By :Yogesh Patel 06/26/2023  
Supervised By :mohammad ahmed 06/27/2023

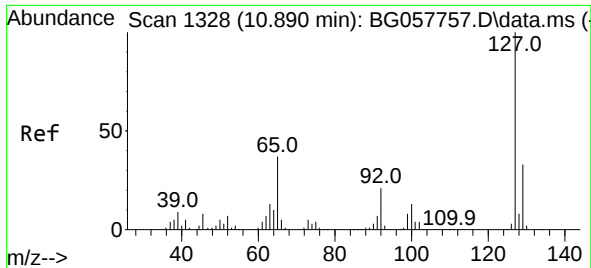


#32  
Benzoic acid  
Concen: 46.494 ng  
RT: 10.026 min Scan# 1181  
Delta R.T. -0.007 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33



Tgt Ion:122 Resp: 88430  
Ion Ratio Lower Upper  
122 100  
105 135.4 110.1 150.1  
77 100.8 78.2 118.2





#33  
4-Chloroaniline  
Concen: 40.485 ng  
RT: 10.884 min Scan# 1327  
Delta R.T. -0.006 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

Instrument :

BNA\_G

ClientSampleId :

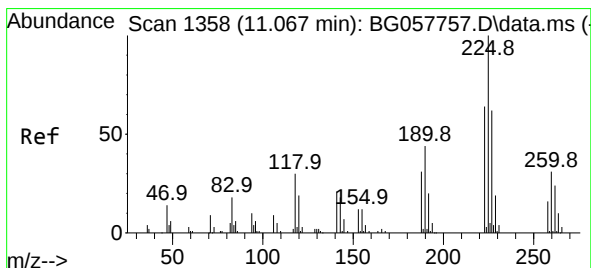
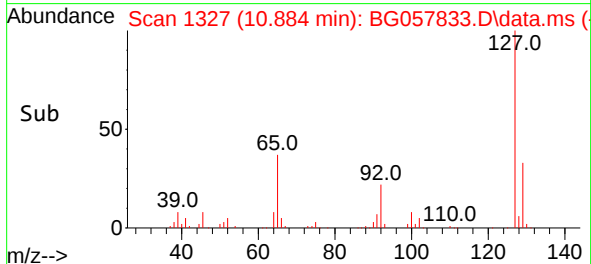
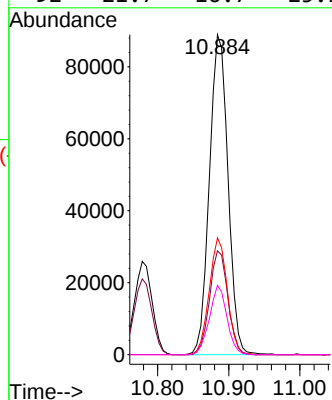
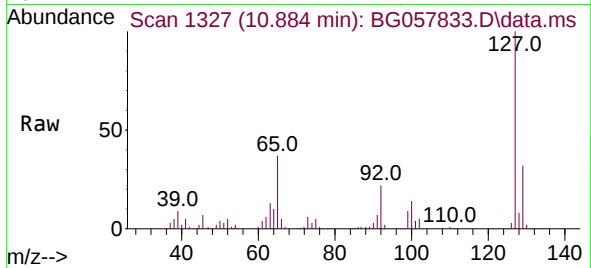
SSTDCCC040

Tgt Ion:127 Resp: 161470  
Ion Ratio Lower Upper  
127 100  
129 32.5 26.6 40.0  
65 36.5 29.8 44.8  
92 21.7 16.7 25.1

Manual Integrations

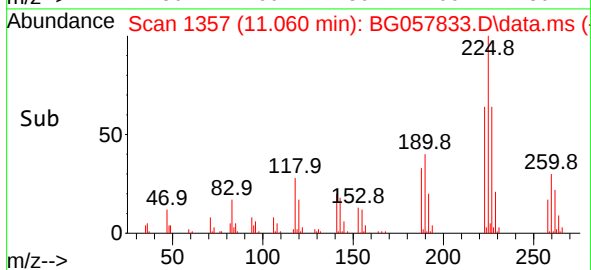
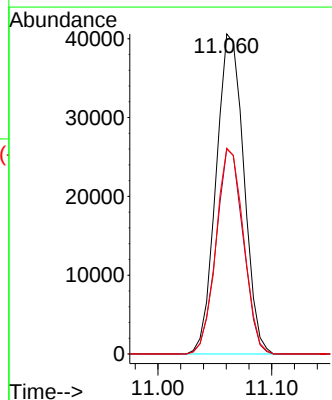
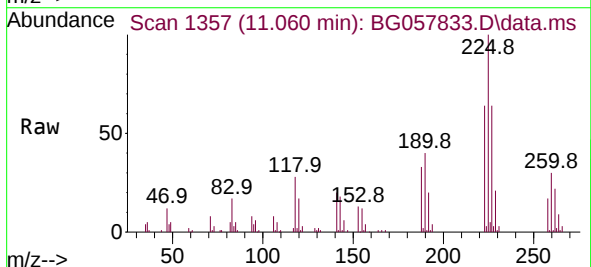
APPROVED

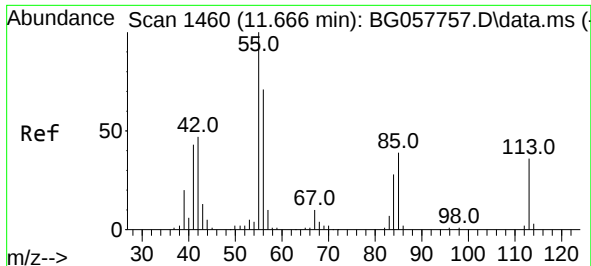
Reviewed By :Yogesh Patel 06/26/2023  
Supervised By :mohammad ahmed 06/27/2023



#34  
Hexachlorobutadiene  
Concen: 41.250 ng  
RT: 11.060 min Scan# 1357  
Delta R.T. -0.006 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

Tgt Ion:225 Resp: 68815  
Ion Ratio Lower Upper  
225 100  
223 64.1 51.4 77.0  
227 64.3 49.7 74.5





#35  
Caprolactam  
Concen: 42.039 ng  
RT: 11.660 min Scan# 1460  
Delta R.T. -0.006 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

Instrument :

BNA\_G

ClientSampleId :

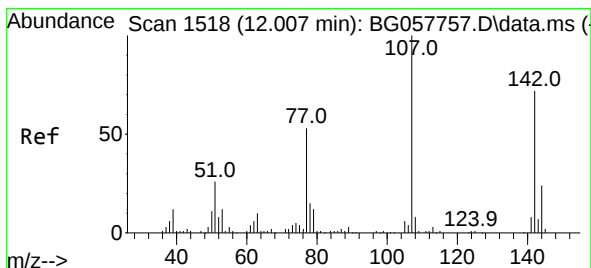
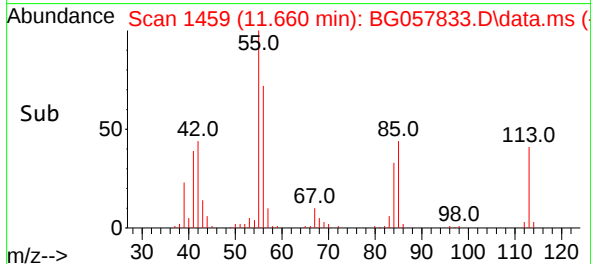
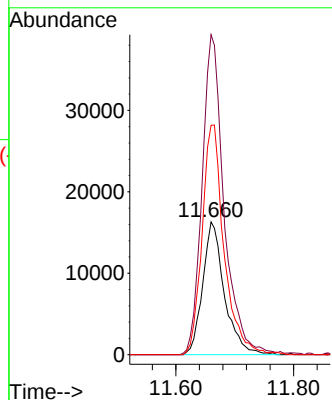
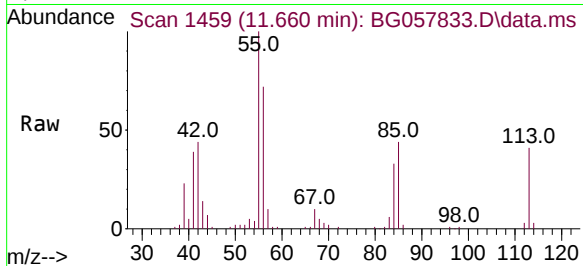
SSTDCCC040

Tgt Ion:113 Resp: 4184  
Ion Ratio Lower Upper  
113 100  
55 241.0 255.7 295.7  
56 172.8 175.2 215.2

Manual Integrations

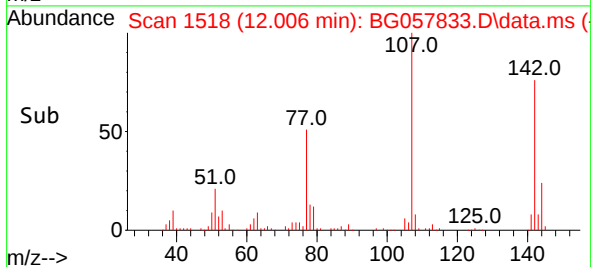
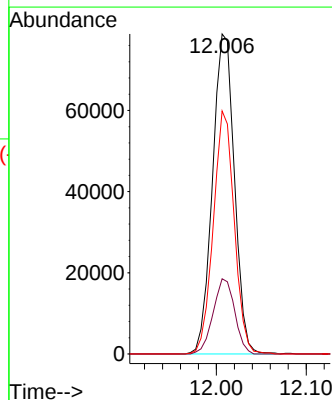
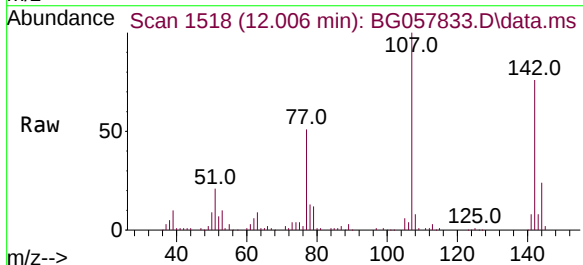
APPROVED

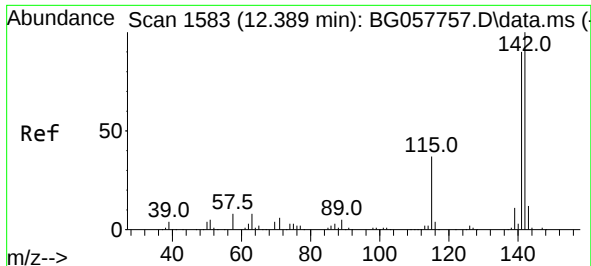
Reviewed By :Yogesh Patel 06/26/2023  
Supervised By :mohammad ahmed 06/27/2023



#36  
4-Chloro-3-methylphenol  
Concen: 41.643 ng  
RT: 12.006 min Scan# 1518  
Delta R.T. -0.000 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

Tgt Ion:107 Resp: 133416  
Ion Ratio Lower Upper  
107 100  
144 23.5 19.5 29.3  
142 76.0 57.9 86.9





#37

2-Methylnaphthalene

Concen: 39.842 ng

RT: 12.388 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG057833.D

Acq: 23 Jun 2023 8:33

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion:142 Resp: 249980

Ion Ratio Lower Upper

142 100

141 91.3 72.1 108.1

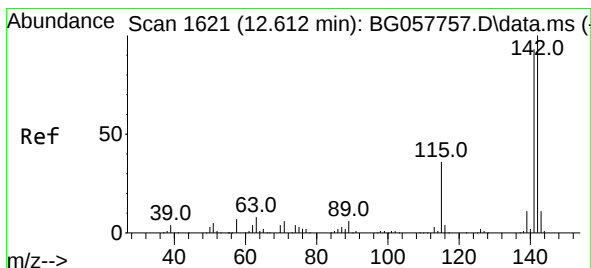
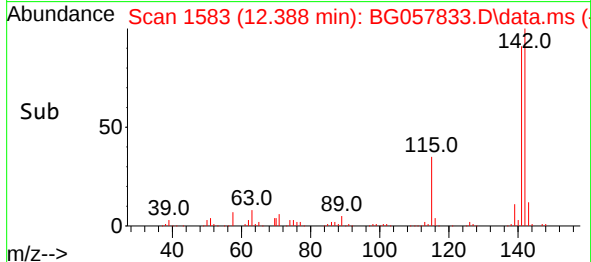
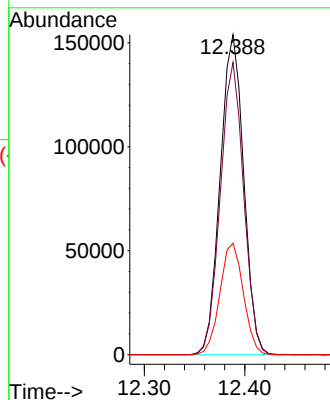
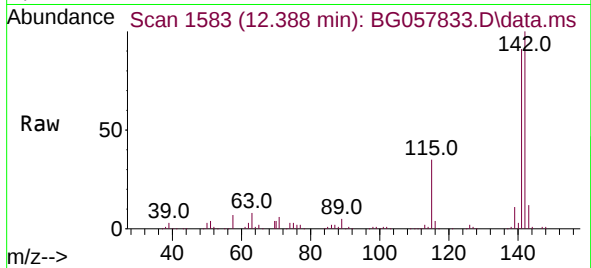
115 34.8 29.7 44.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2023

Supervised By :mohammad ahmed 06/27/2023



#38

1-Methylnaphthalene

Concen: 40.145 ng

RT: 12.606 min Scan# 1620

Delta R.T. -0.006 min

Lab File: BG057833.D

Acq: 23 Jun 2023 8:33

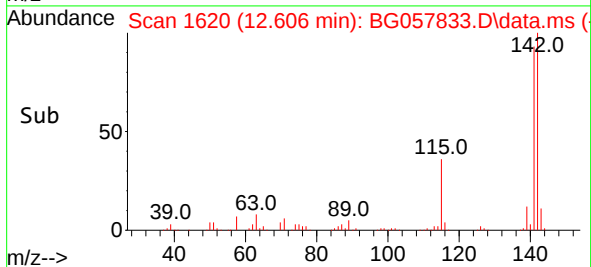
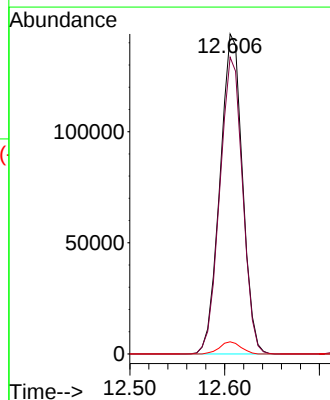
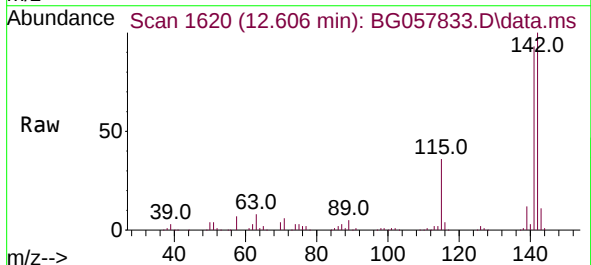
Tgt Ion:142 Resp: 237773

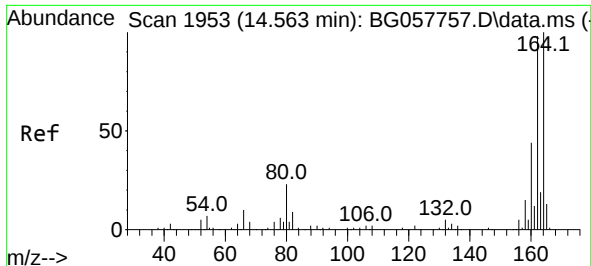
Ion Ratio Lower Upper

142 100

141 92.8 74.2 111.4

116 3.8 3.1 4.7





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.562 min Scan# 1953  
Delta R.T. -0.000 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

Instrument :

BNA\_G

ClientSampleId :

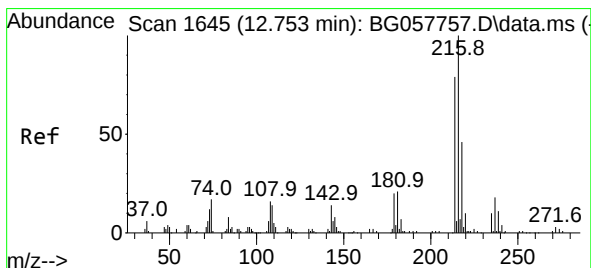
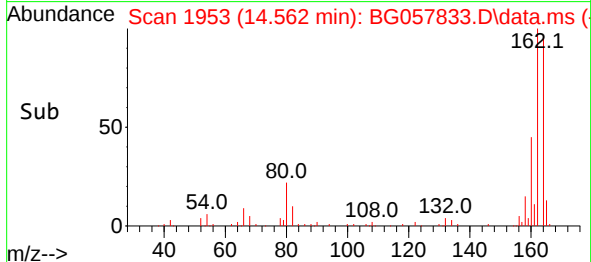
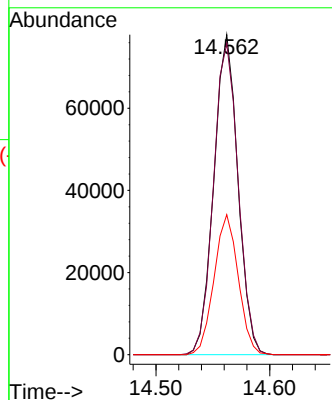
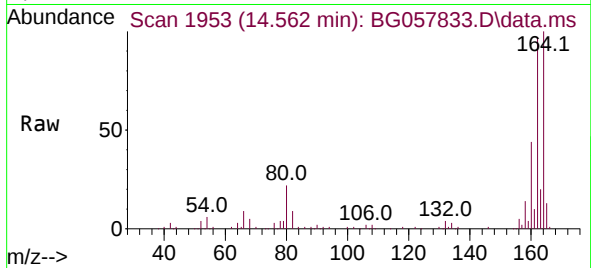
SSTDCCC040

Tgt Ion:164 Resp: 114810  
Ion Ratio Lower Upper  
164 100  
162 97.2 78.3 117.5  
160 43.7 35.4 53.0

Manual Integrations

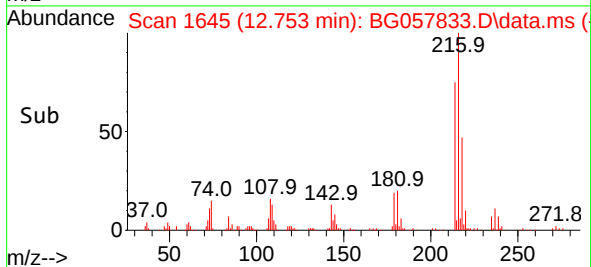
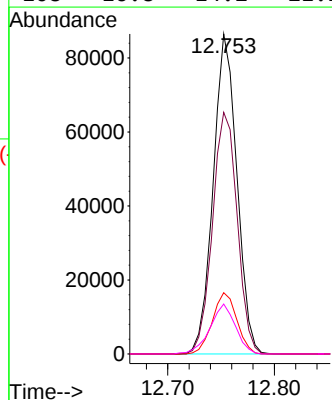
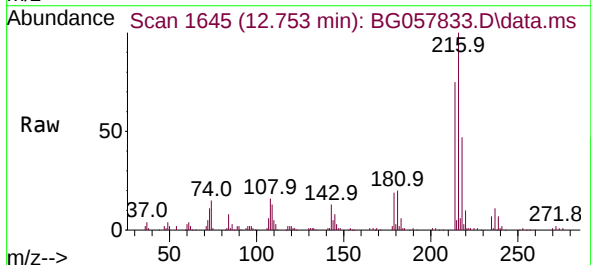
APPROVED

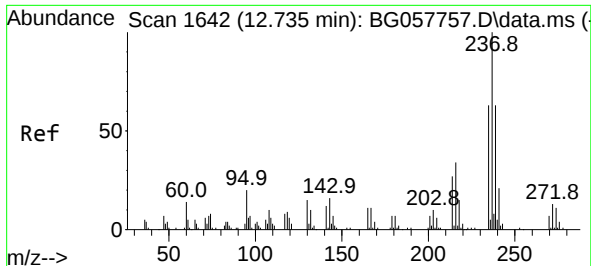
Reviewed By :Yogesh Patel 06/26/2023  
Supervised By :mohammad ahmed 06/27/2023



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 41.844 ng  
RT: 12.753 min Scan# 1645  
Delta R.T. -0.000 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

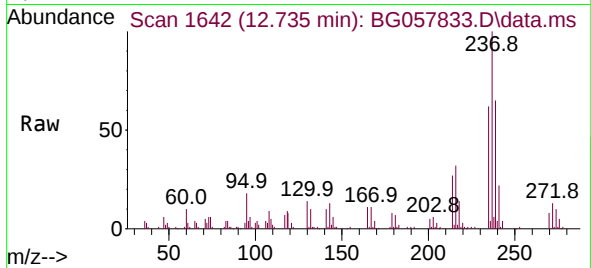
Tgt Ion:216 Resp: 133184  
Ion Ratio Lower Upper  
216 100  
214 78.6 63.0 94.4  
179 19.7 16.2 24.2  
108 16.8 14.2 21.2





#41  
Hexachlorocyclopentadiene  
Concen: 46.132 ng  
RT: 12.735 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

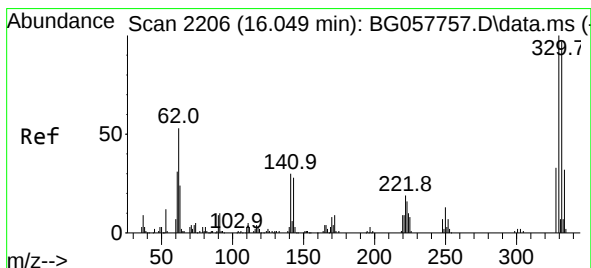
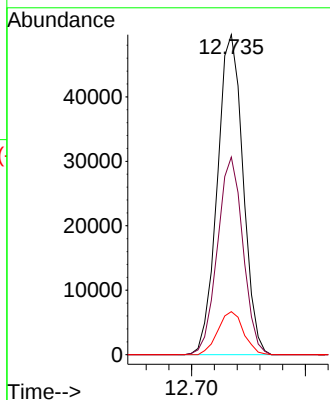
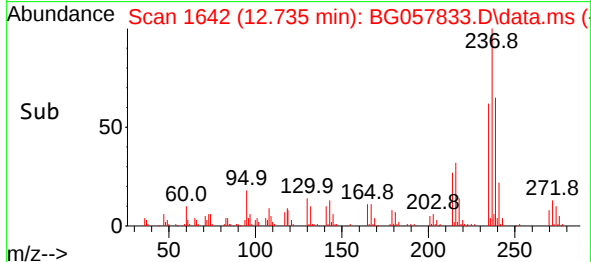
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



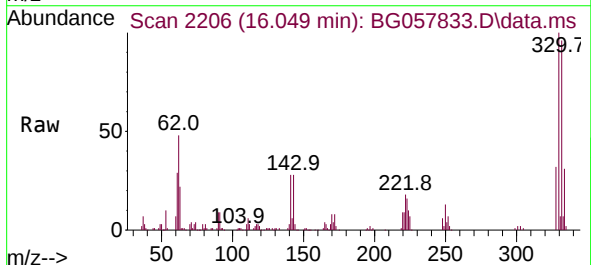
Tgt Ion:237 Resp: 7795  
Ion Ratio Lower Upper  
237 100  
235 61.7 43.5 83.5  
272 13.4 0.0 32.8

Manual Integrations  
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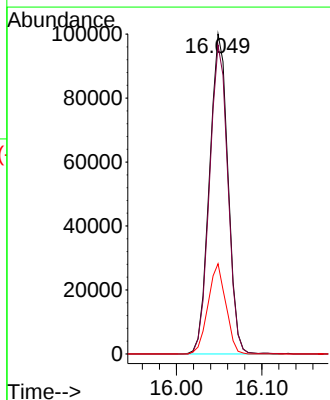
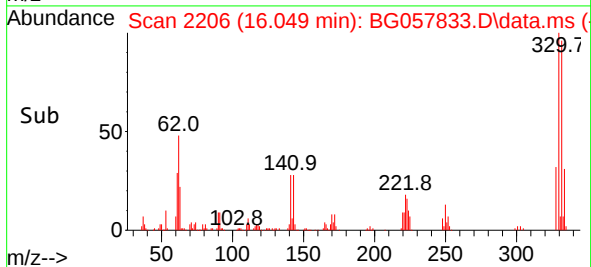
Reviewed By :Yogesh Patel 06/26/2023  
Supervised By :mohammad ahmed 06/27/2023

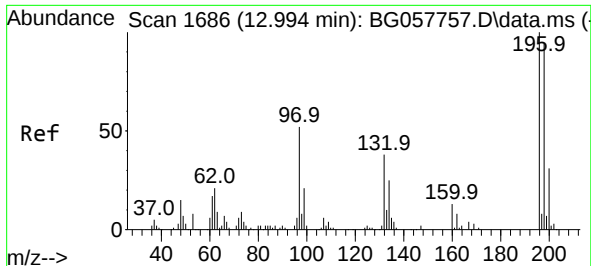


#42  
2,4,6-Tribromophenol  
Concen: 94.251 ng  
RT: 16.049 min Scan# 2206  
Delta R.T. -0.000 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33



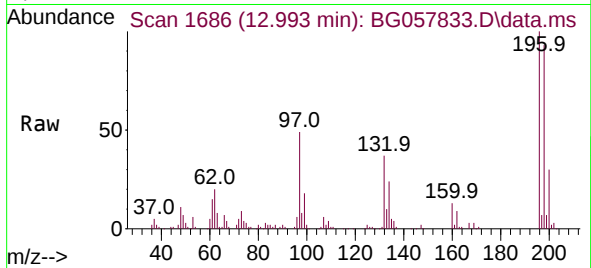
Tgt Ion:330 Resp: 150735  
Ion Ratio Lower Upper  
330 100  
332 95.6 76.6 115.0  
141 27.0 24.7 37.1





#43  
2,4,6-Trichlorophenol  
Concen: 42.894 ng  
RT: 12.993 min Scan# 1686  
Delta R.T. -0.000 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

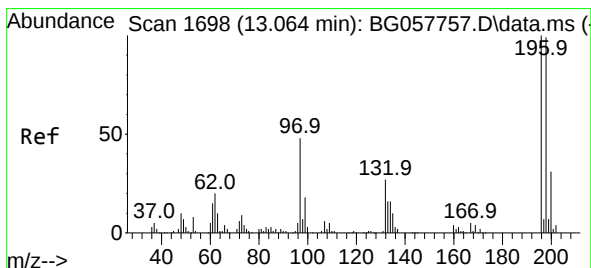
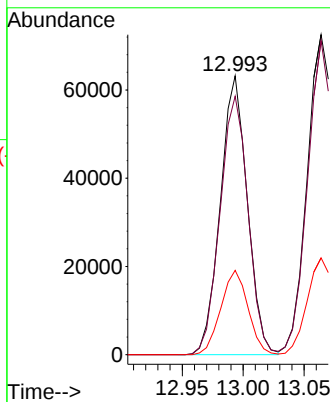
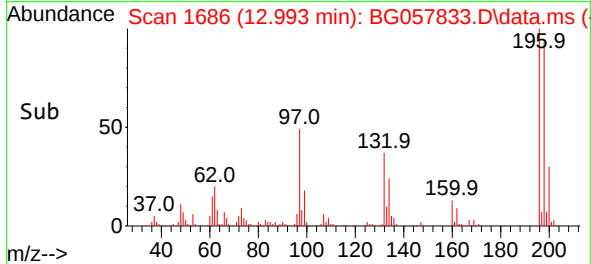
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:196 Resp: 9775  
Ion Ratio Lower Upper  
196 100  
198 92.7 75.5 113.3  
200 30.3 24.6 36.8

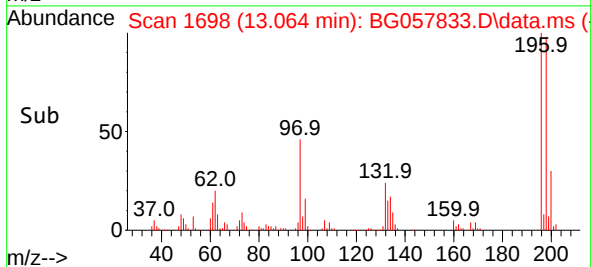
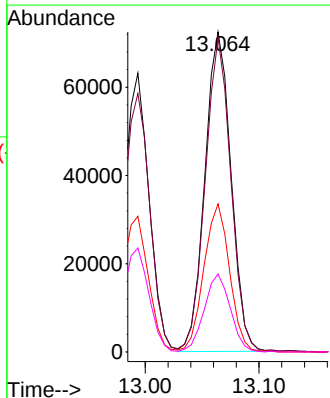
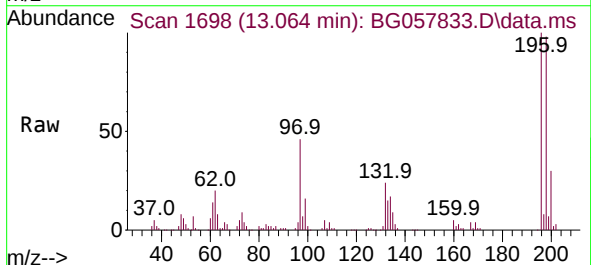
Manual Integrations  
APPROVED

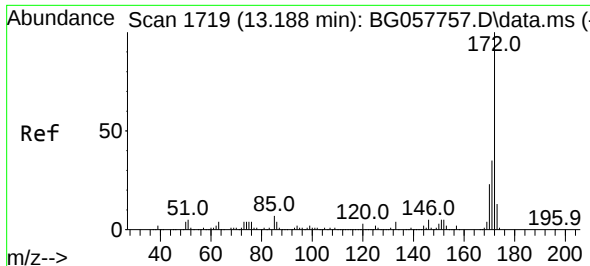
Reviewed By :Yogesh Patel 06/26/2023  
Supervised By :mohammad ahmed 06/27/2023



#44  
2,4,5-Trichlorophenol  
Concen: 43.657 ng  
RT: 13.064 min Scan# 1698  
Delta R.T. -0.000 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

Tgt Ion:196 Resp: 115976  
Ion Ratio Lower Upper  
196 100  
198 98.1 78.9 118.3  
97 46.3 38.3 57.5  
132 24.4 21.7 32.5





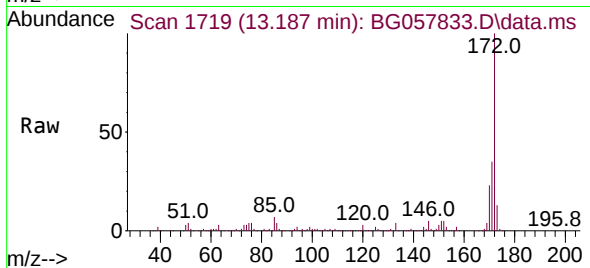
#45  
2-Fluorobiphenyl  
Concen: 80.088 ng  
RT: 13.187 min Scan# 1719  
Delta R.T. -0.000 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

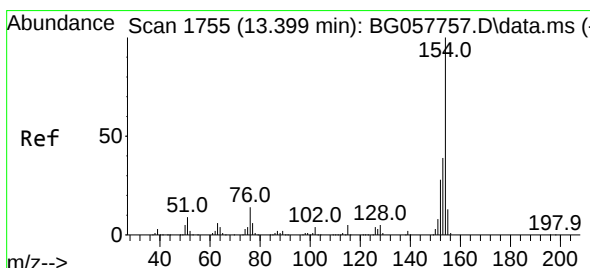
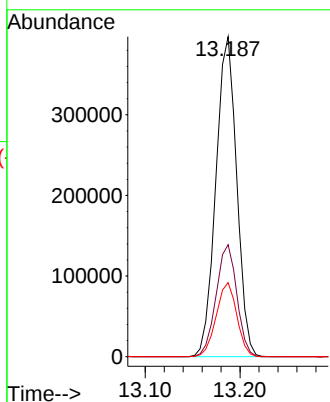
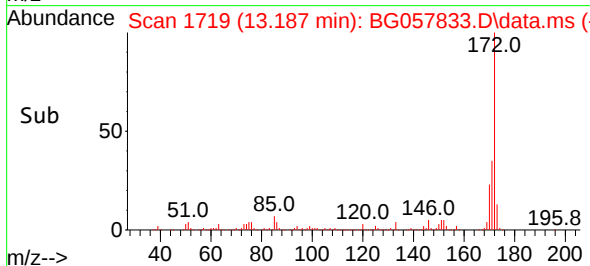


Tgt Ion:172 Resp: 606228  
Ion Ratio Lower Upper  
172 100  
171 35.0 28.1 42.1  
170 23.1 18.6 27.8

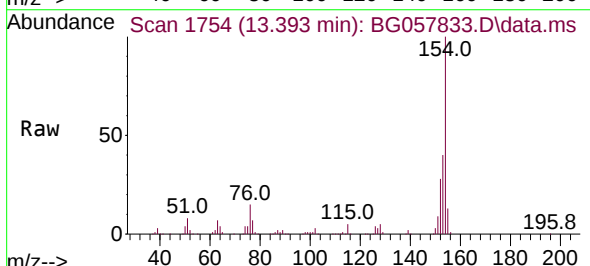
Manual Integrations

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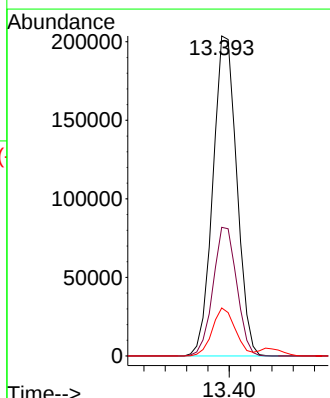
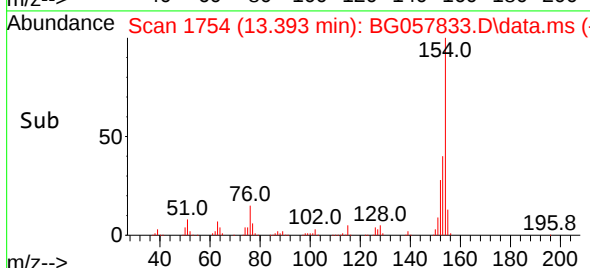
Reviewed By :Yogesh Patel 06/26/2023  
Supervised By :mohammad ahmed 06/27/2023

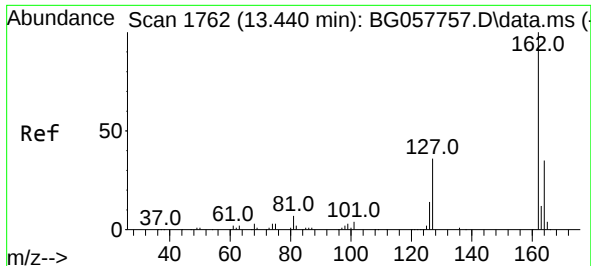


#46  
1,1'-Biphenyl  
Concen: 40.090 ng  
RT: 13.393 min Scan# 1754  
Delta R.T. -0.006 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33



Tgt Ion:154 Resp: 316039  
Ion Ratio Lower Upper  
154 100  
153 40.2 19.1 59.1  
76 15.0 0.0 34.3





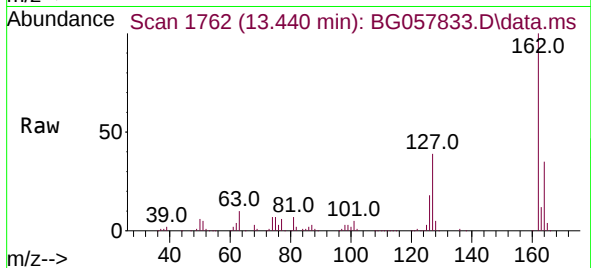
#47  
2-Chloronaphthalene  
Concen: 40.664 ng  
RT: 13.440 min Scan# 1762  
Delta R.T. -0.000 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

Instrument :

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ClientSampleId :

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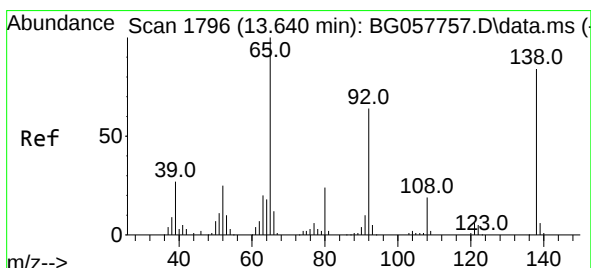
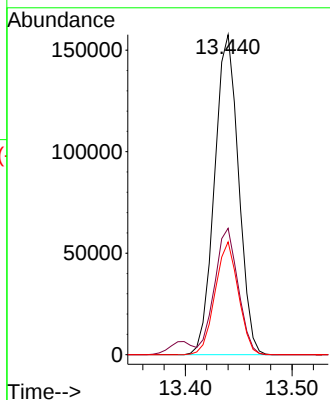
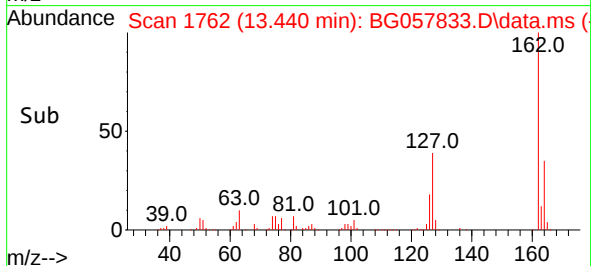
Tgt Ion:162 Resp: 246272  
Ion Ratio Lower Upper  
162 100  
127 39.5 32.2 48.2  
164 35.3 28.0 42.0

Manual Integrations

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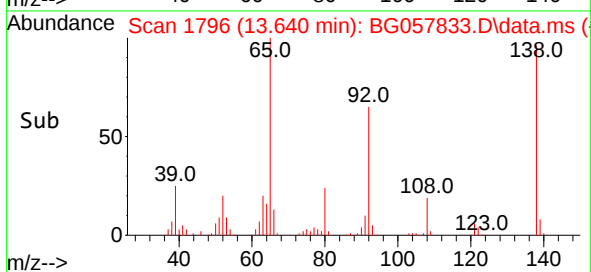
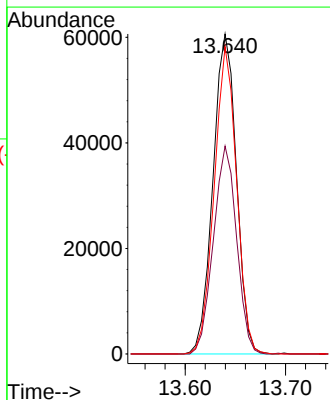
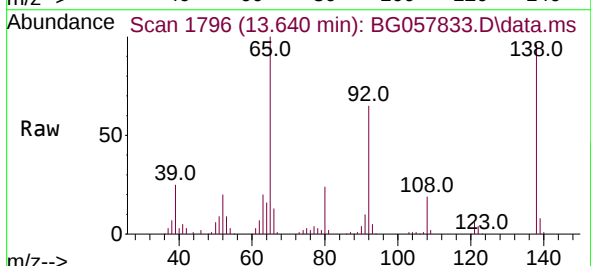
Reviewed By :Yogesh Patel 06/26/2023

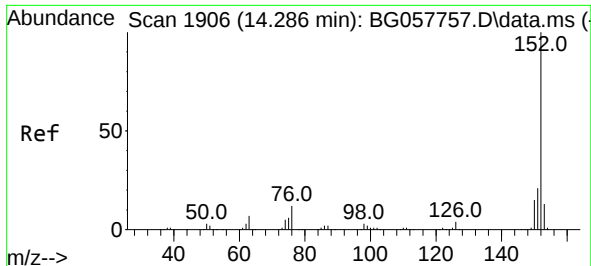
Supervised By :mohammad ahmed 06/27/2023



#48  
2-Nitroaniline  
Concen: 45.601 ng  
RT: 13.640 min Scan# 1796  
Delta R.T. -0.000 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

Tgt Ion: 65 Resp: 98142  
Ion Ratio Lower Upper  
65 100  
92 65.0 51.2 76.8  
138 96.0 67.2 100.8





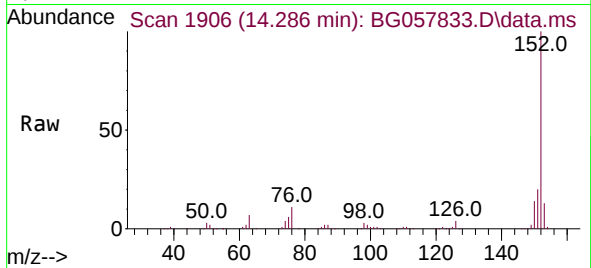
#49  
Acenaphthylene  
Concen: 40.372 ng  
RT: 14.286 min Scan# 1906  
Delta R.T. -0.000 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

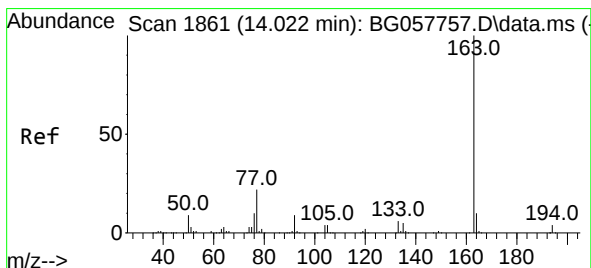
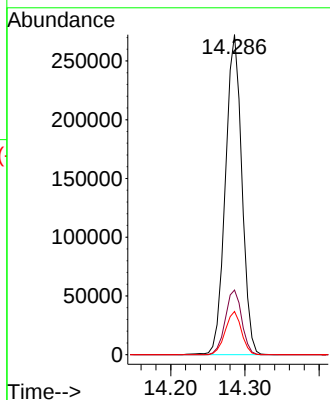
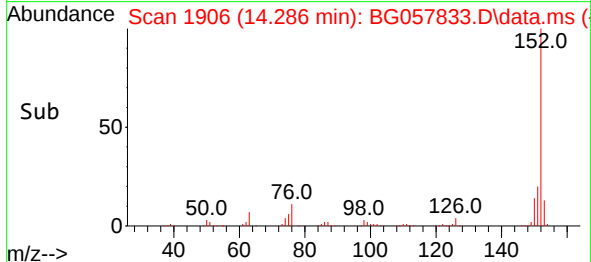


Tgt Ion:152 Resp: 419670  
Ion Ratio Lower Upper  
152 100  
151 20.2 17.0 25.4  
153 13.5 10.5 15.7

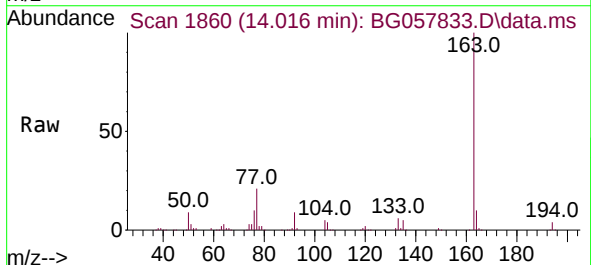
Manual Integrations

APPROVED

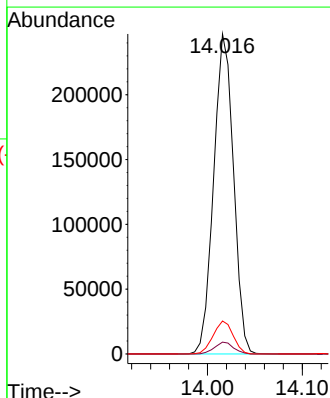
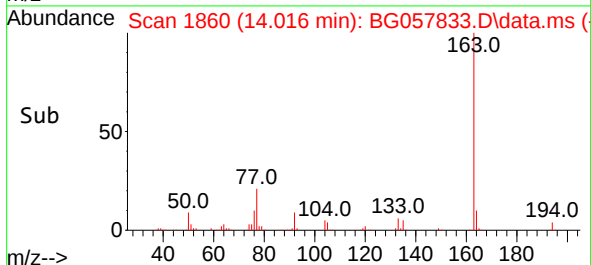
Reviewed By :Yogesh Patel 06/26/2023  
Supervised By :mohammad ahmed 06/27/2023

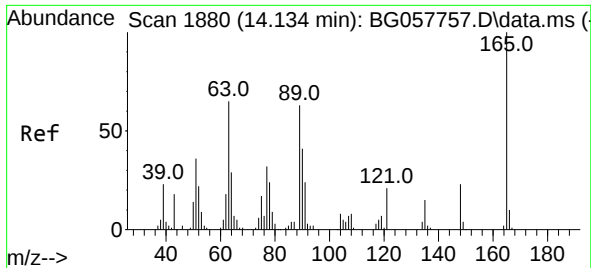


#50  
Dimethylphthalate  
Concen: 40.762 ng  
RT: 14.016 min Scan# 1860  
Delta R.T. -0.006 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33



Tgt Ion:163 Resp: 359443  
Ion Ratio Lower Upper  
163 100  
194 3.7 2.8 4.2  
164 10.3 8.2 12.4





#51  
2,6-Dinitrotoluene  
Concen: 47.117 ng  
RT: 14.133 min Scan# 1880  
Delta R.T. -0.001 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

Instrument :

BNA\_G

ClientSampleId :

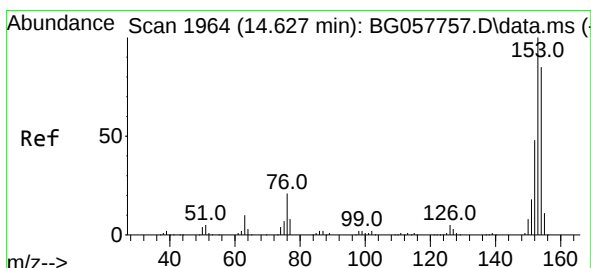
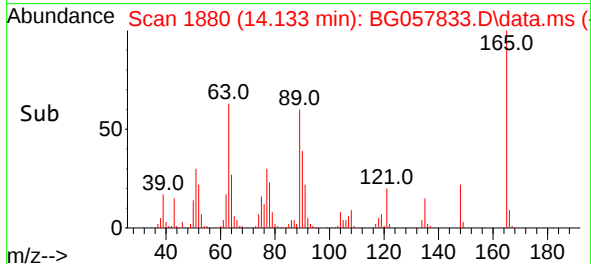
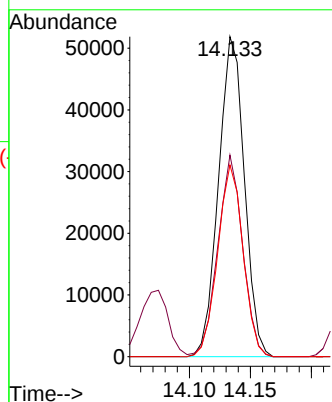
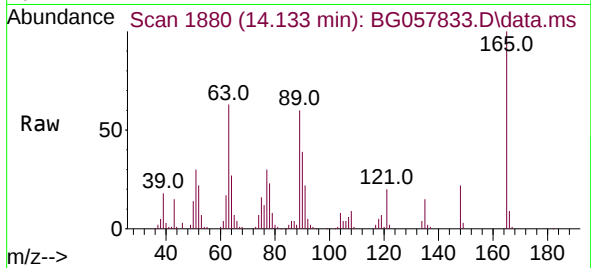
SSTDCCC040

Tgt Ion:165 Resp: 76509  
Ion Ratio Lower Upper  
165 100  
63 63.0 52.8 79.2  
89 59.9 50.7 76.1

Manual Integrations

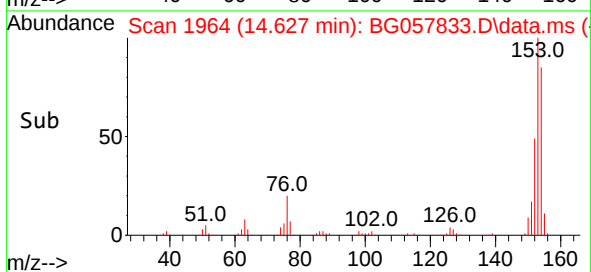
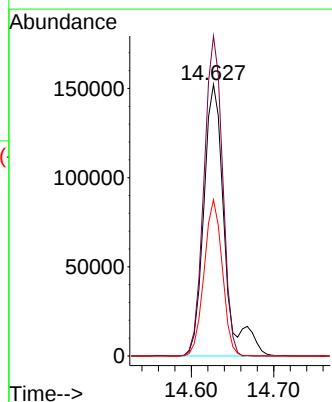
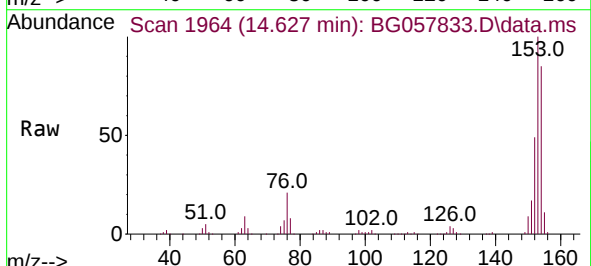
APPROVED

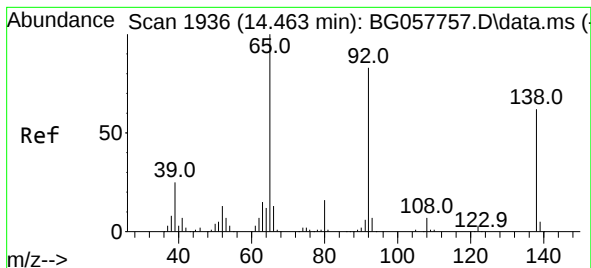
Reviewed By :Yogesh Patel 06/26/2023  
Supervised By :mohammad ahmed 06/27/2023



#52  
Acenaphthene  
Concen: 41.353 ng m  
RT: 14.627 min Scan# 1964  
Delta R.T. -0.000 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

Tgt Ion:154 Resp: 266124  
Ion Ratio Lower Upper  
154 100  
153 117.9 93.6 140.4  
152 57.5 44.7 67.1





#53  
3-Nitroaniline  
Concen: 46.674 ng  
RT: 14.462 min Scan# 1936  
Delta R.T. -0.000 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

Instrument :

BNA\_G

ClientSampleId :

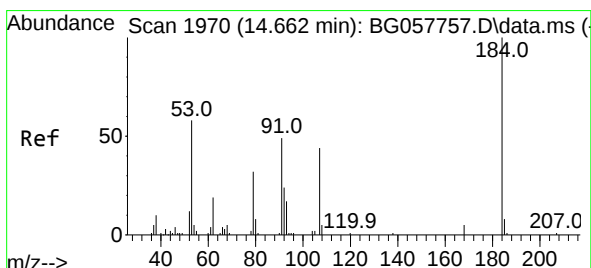
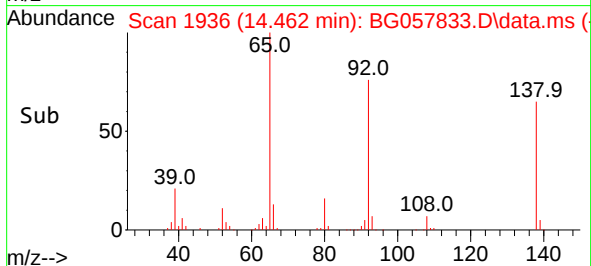
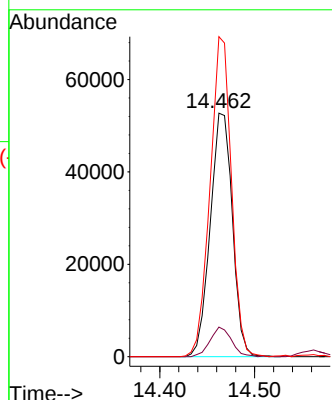
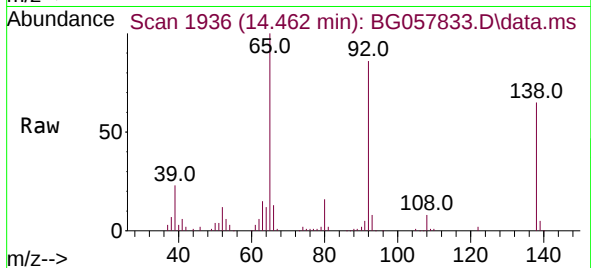
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Tgt Ion:138 Resp: 85412  
Ion Ratio Lower Upper  
138 100  
108 12.1 9.1 13.7  
92 131.4 106.4 159.6

Manual Integrations

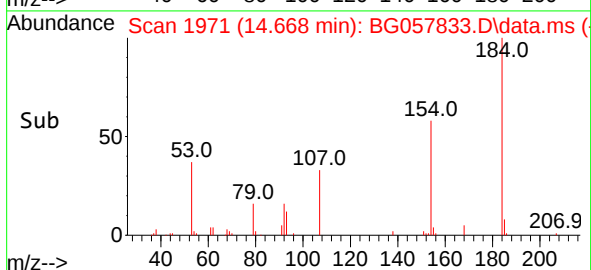
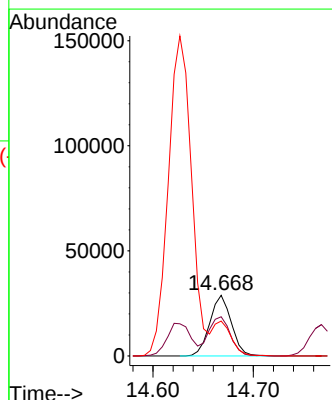
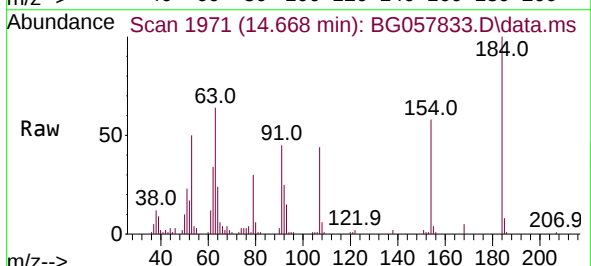
APPROVED

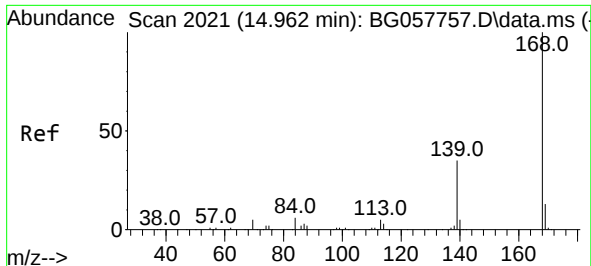
Reviewed By :Yogesh Patel 06/26/2023  
Supervised By :mohammad ahmed 06/27/2023



#54  
2,4-Dinitrophenol  
Concen: 51.807 ng  
RT: 14.668 min Scan# 1971  
Delta R.T. 0.006 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

Tgt Ion:184 Resp: 43006  
Ion Ratio Lower Upper  
184 100  
63 64.5 55.2 82.8  
154 57.5 47.4 71.0





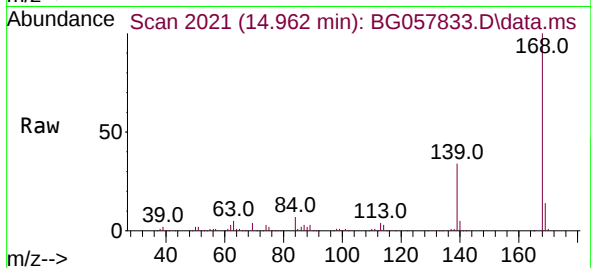
#55  
Dibenzenofuran  
Concen: 40.418 ng  
RT: 14.962 min Scan# 2021  
Delta R.T. -0.000 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

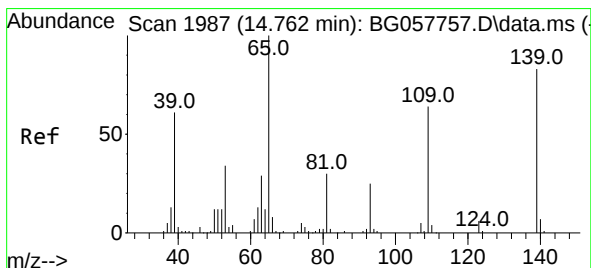
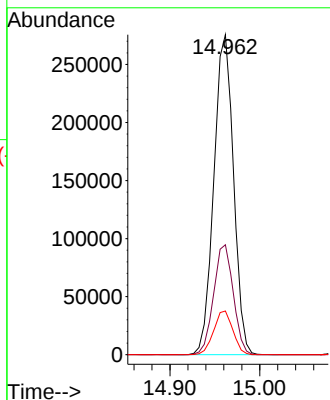
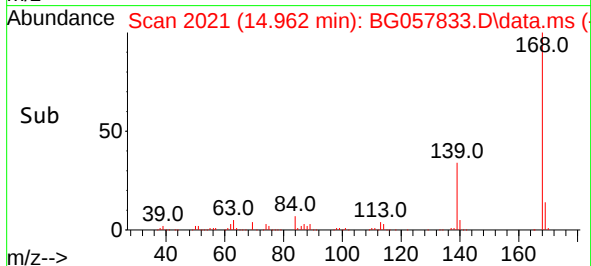


Tgt Ion:168 Resp: 418230  
Ion Ratio Lower Upper  
168 100  
139 34.4 28.1 42.1  
169 13.7 10.7 16.1

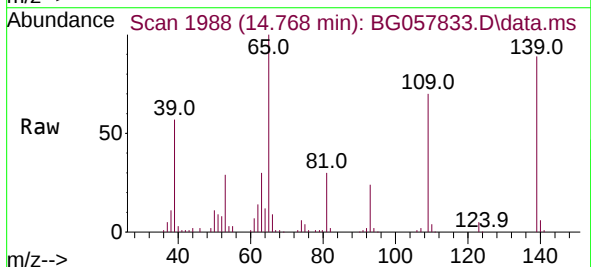
Manual Integrations

APPROVED

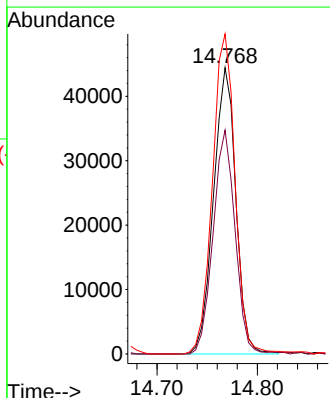
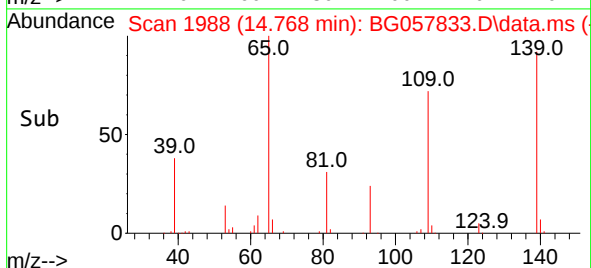
Reviewed By :Yogesh Patel 06/26/2023  
Supervised By :mohammad ahmed 06/27/2023

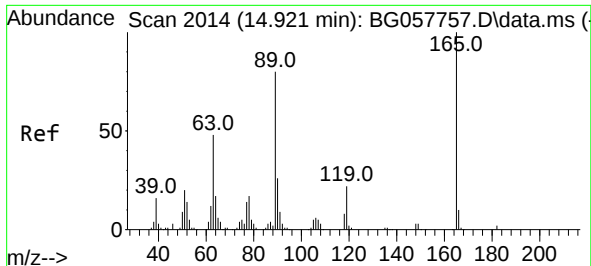


#56  
4-Nitrophenol  
Concen: 47.098 ng  
RT: 14.768 min Scan# 1988  
Delta R.T. 0.005 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33



Tgt Ion:139 Resp: 68495  
Ion Ratio Lower Upper  
139 100  
109 78.2 57.3 97.3  
65 111.8 100.0 140.0





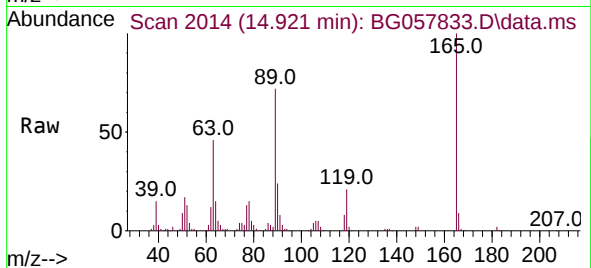
#57  
2,4-Dinitrotoluene  
Concen: 49.793 ng  
RT: 14.921 min Scan# 2014  
Delta R.T. -0.000 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

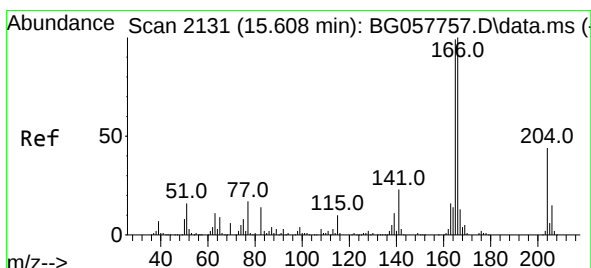
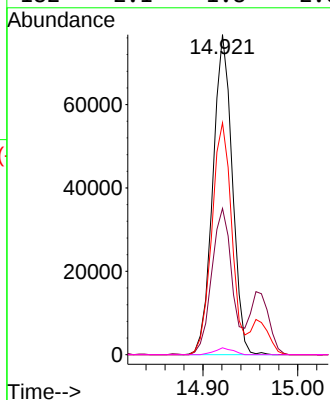
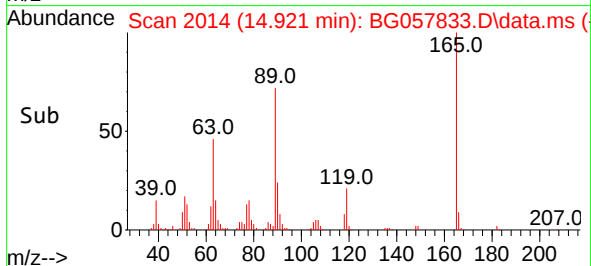


Tgt Ion:165 Resp: 10964  
Ion Ratio Lower Upper  
165 100  
63 45.7 38.6 58.0  
89 72.4 63.7 95.5  
182 2.1 1.8 2.6

Manual Integrations

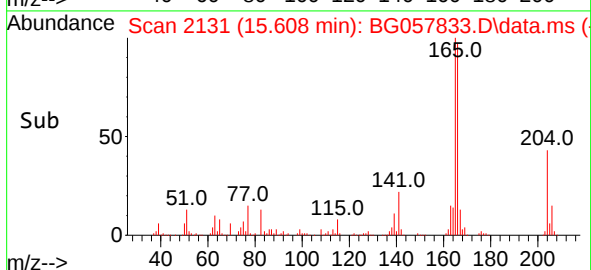
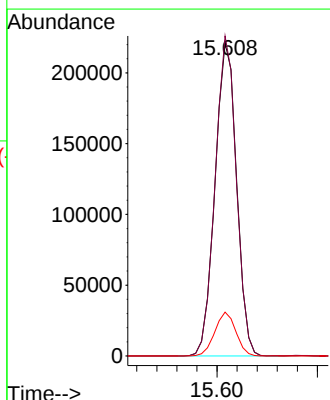
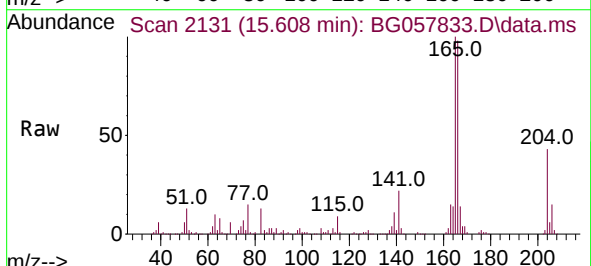
APPROVED

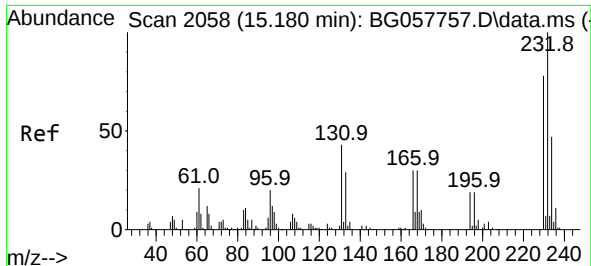
Reviewed By :Yogesh Patel 06/26/2023  
Supervised By :mohammad ahmed 06/27/2023



#58  
Fluorene  
Concen: 40.245 ng  
RT: 15.608 min Scan# 2131  
Delta R.T. -0.000 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

Tgt Ion:166 Resp: 329648  
Ion Ratio Lower Upper  
166 100  
165 102.3 79.5 119.3  
167 14.0 10.6 16.0





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 44.803 ng  
RT: 15.185 min Scan# 2058  
Delta R.T. 0.005 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

Instrument :

BNA\_G

ClientSampleId :

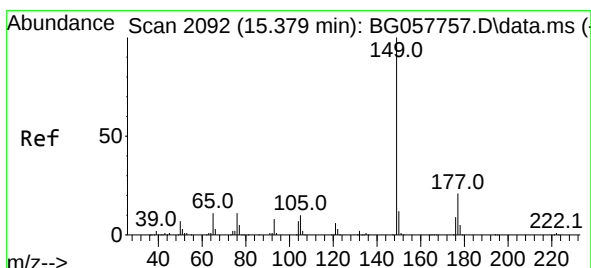
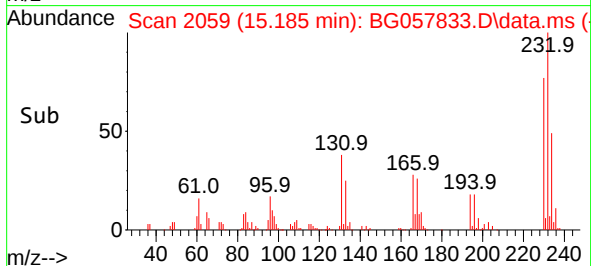
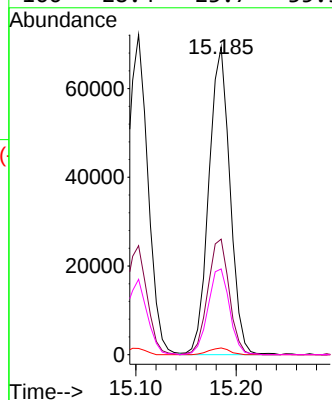
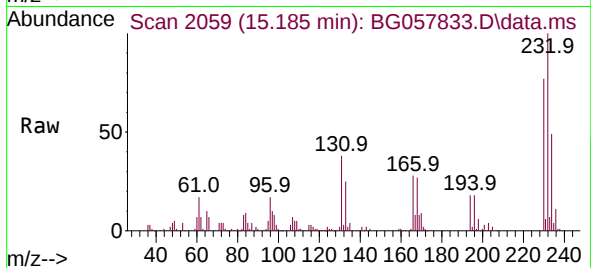
SSTDCCC040

Tgt Ion:232 Resp: 10143  
Ion Ratio Lower Upper  
232 100  
131 38.2 31.9 47.9  
130 2.1 1.6 2.4  
166 28.4 23.7 35.5

Manual Integrations

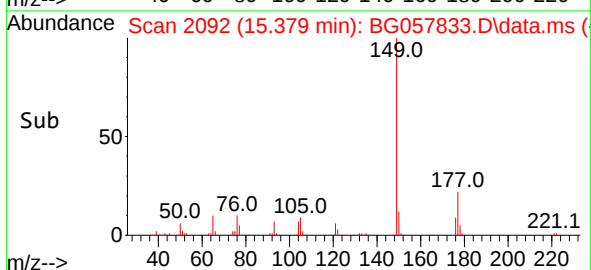
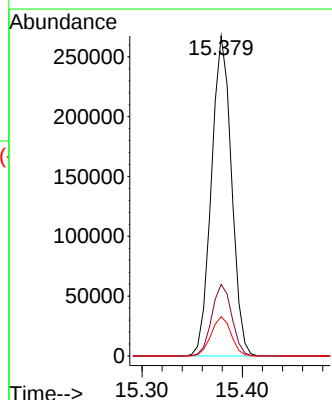
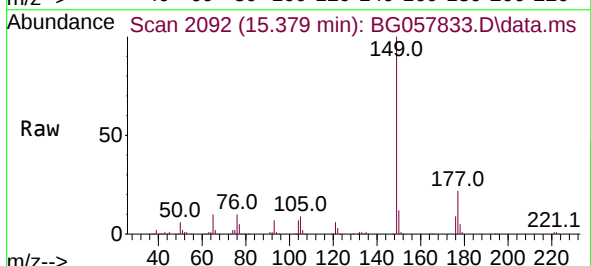
APPROVED

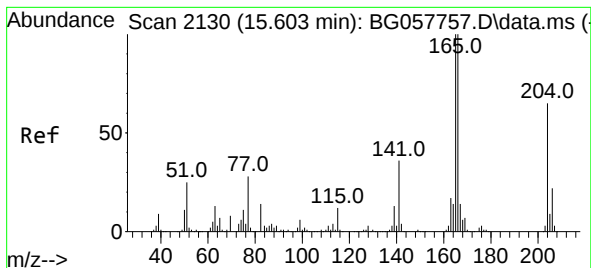
Reviewed By :Yogesh Patel 06/26/2023  
Supervised By :mohammad ahmed 06/27/2023



#60  
Diethylphthalate  
Concen: 41.104 ng  
RT: 15.379 min Scan# 2092  
Delta R.T. -0.000 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

Tgt Ion:149 Resp: 371857  
Ion Ratio Lower Upper  
149 100  
177 22.4 17.0 25.6  
150 12.3 10.0 15.0





#61  
4-Chlorophenyl-phenylether  
Concen: 41.298 ng  
RT: 15.602 min Scan# 2130  
Delta R.T. -0.000 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

Instrument :

BNA\_G

ClientSampleId :

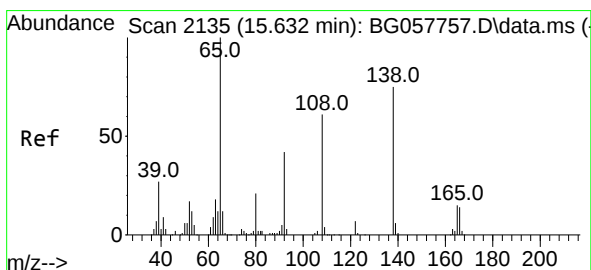
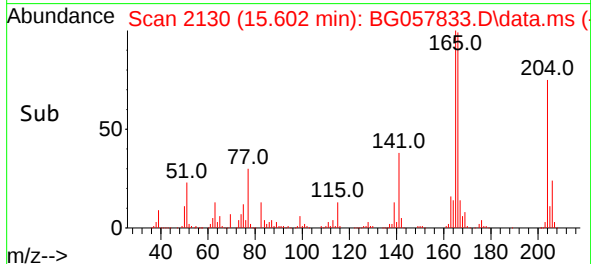
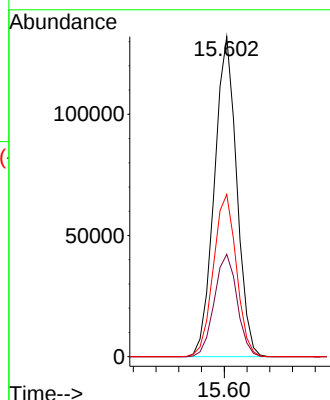
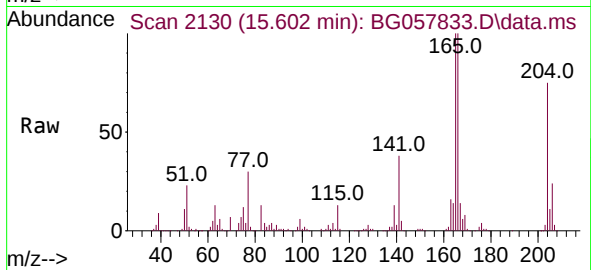
SSTDCCC040

Tgt Ion:204 Resp: 17986  
Ion Ratio Lower Upper  
204 100  
206 32.0 26.9 40.3  
141 50.7 44.3 66.5

Manual Integrations

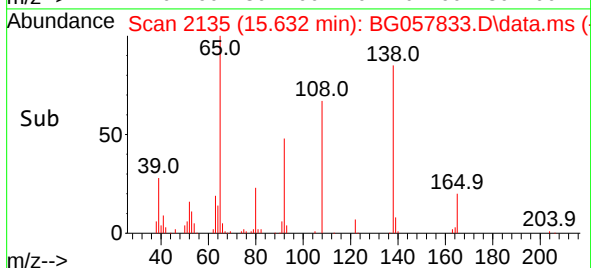
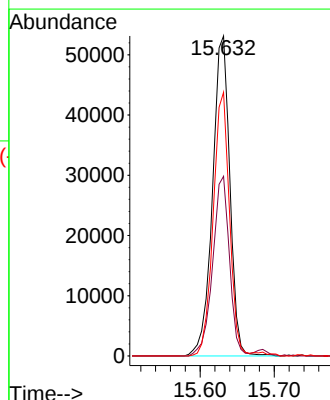
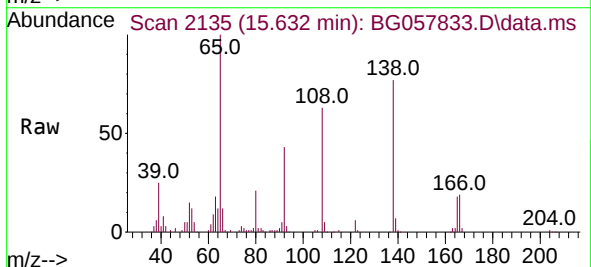
APPROVED

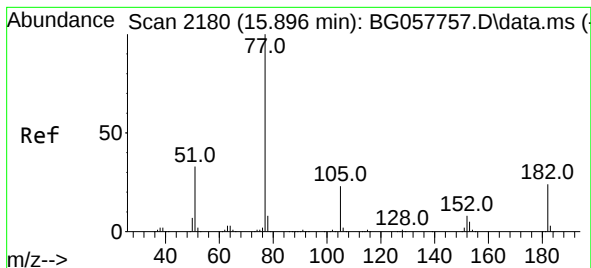
Reviewed By :Yogesh Patel 06/26/2023  
Supervised By :mohammad ahmed 06/27/2023



#62  
4-Nitroaniline  
Concen: 46.139 ng  
RT: 15.632 min Scan# 2135  
Delta R.T. -0.000 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

Tgt Ion:138 Resp: 86077  
Ion Ratio Lower Upper  
138 100  
92 56.2 35.9 75.9  
108 82.4 62.1 102.1





#63

Azobenzene

Concen: 38.688 ng

RT: 15.896 min Scan# 2180

Delta R.T. -0.000 min

Lab File: BG057833.D

Acq: 23 Jun 2023 8:33

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 358018

Ion Ratio Lower Upper

77 100

182 25.2 4.1 44.1

105 24.0 3.3 43.3

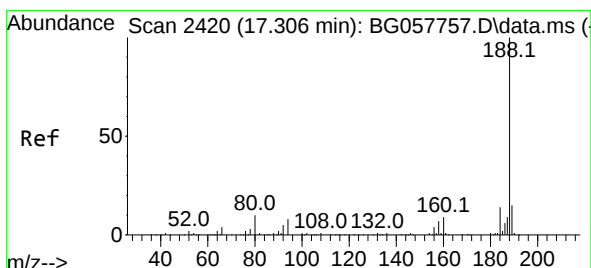
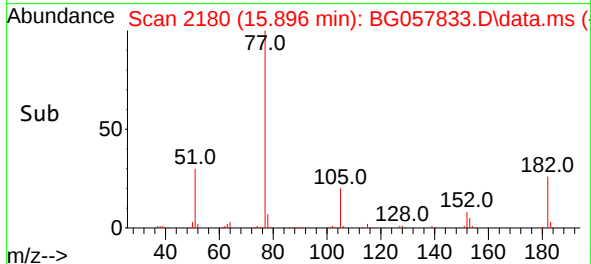
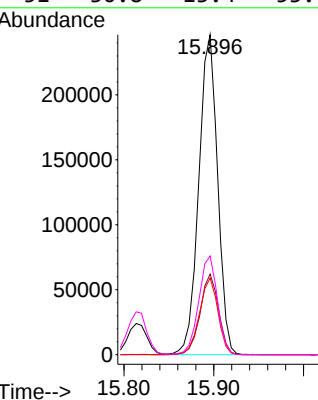
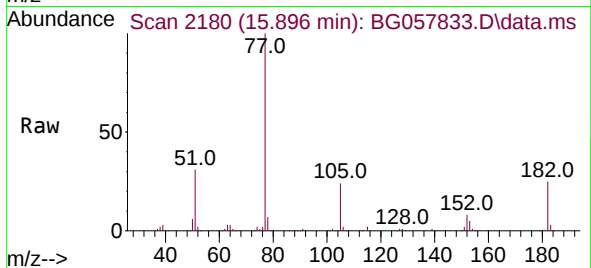
51 30.8 13.4 53.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2023

Supervised By :mohammad ahmed 06/27/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.306 min Scan# 2420

Delta R.T. -0.000 min

Lab File: BG057833.D

Acq: 23 Jun 2023 8:33

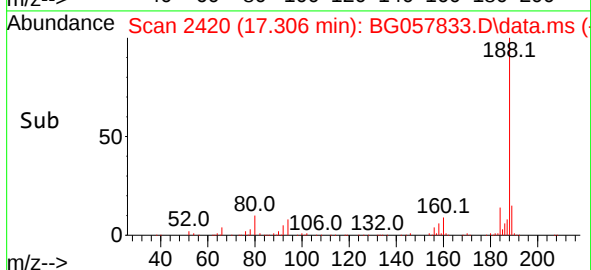
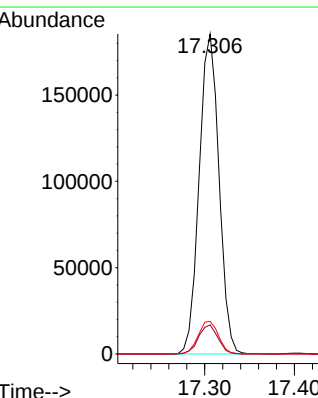
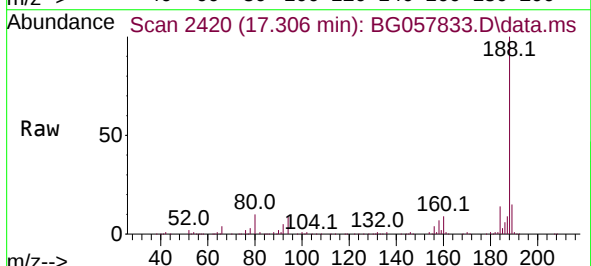
Tgt Ion:188 Resp: 283700

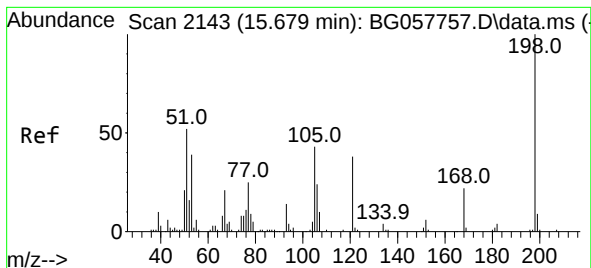
Ion Ratio Lower Upper

188 100

94 9.1 6.6 9.8

80 10.2 7.6 11.4





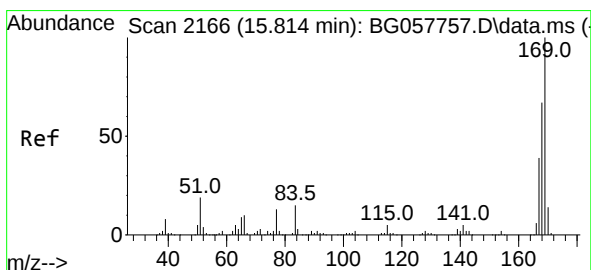
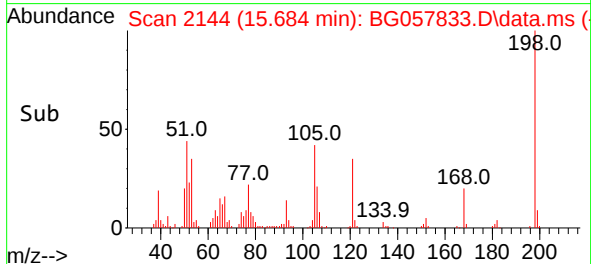
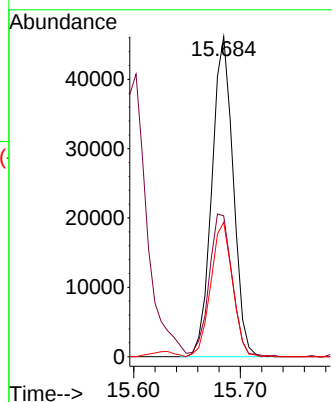
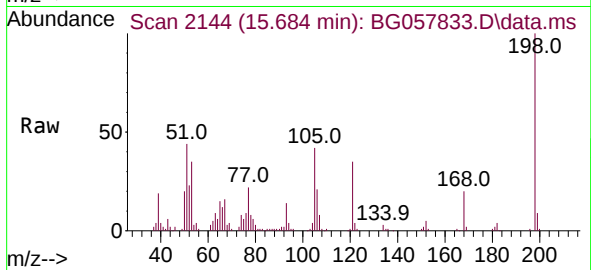
#65  
4,6-Dinitro-2-methylphenol  
Concen: 48.927 ng  
RT: 15.684 min Scan# 2143  
Delta R.T. 0.005 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:198 Resp: 6391  
Ion Ratio Lower Upper  
198 100  
51 44.0 36.6 76.6  
105 42.1 24.3 64.3

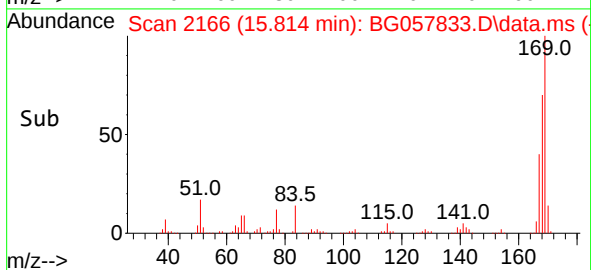
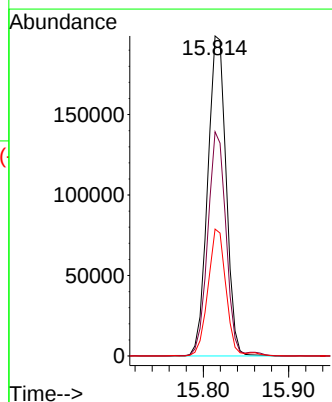
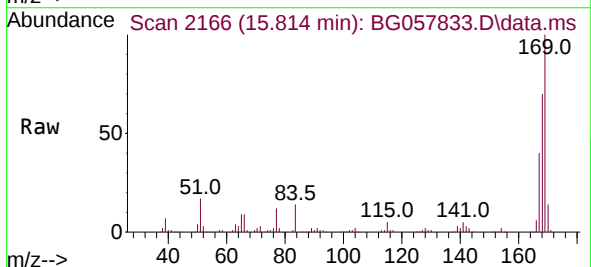
Manual Integrations  
APPROVED

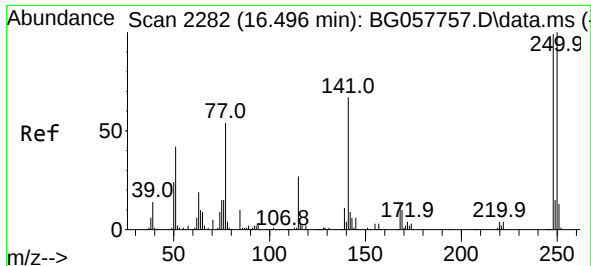
Reviewed By :Yogesh Patel 06/26/2023  
Supervised By :mohammad ahmed 06/27/2023



#66  
n-Nitrosodiphenylamine  
Concen: 39.769 ng  
RT: 15.814 min Scan# 2166  
Delta R.T. -0.000 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

Tgt Ion:169 Resp: 297780  
Ion Ratio Lower Upper  
169 100  
168 70.0 53.4 80.2  
167 39.7 31.2 46.8





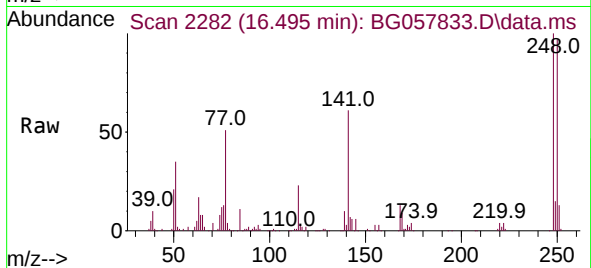
#67  
4-Bromophenyl-phenylether  
Concen: 41.030 ng  
RT: 16.495 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

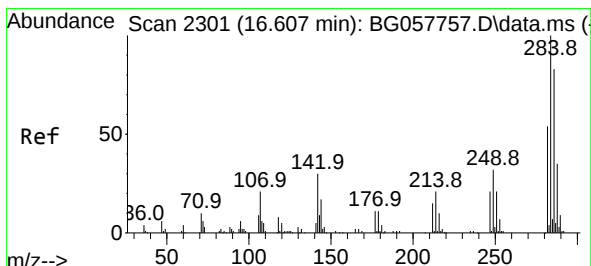
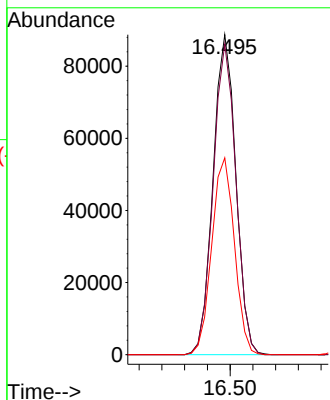
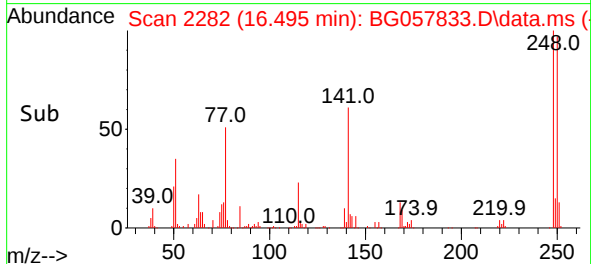


Tgt Ion:248 Resp: 123449  
Ion Ratio Lower Upper  
248 100  
250 97.0 81.1 121.7  
141 61.5 54.6 81.8

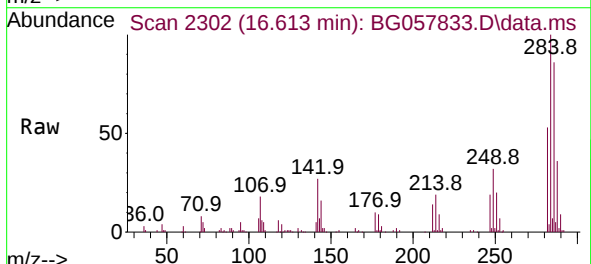
Manual Integrations

APPROVED

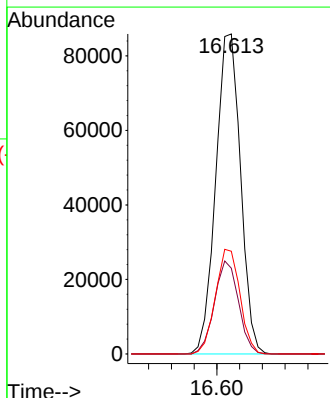
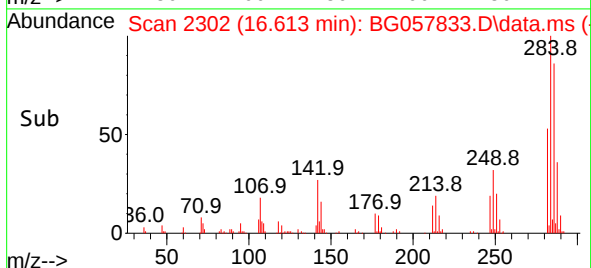
Reviewed By :Yogesh Patel 06/26/2023  
Supervised By :mohammad ahmed 06/27/2023

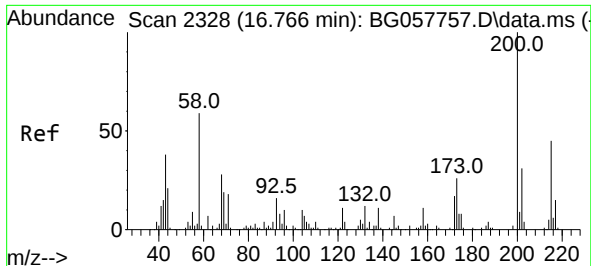


#68  
Hexachlorobenzene  
Concen: 42.376 ng  
RT: 16.613 min Scan# 2302  
Delta R.T. 0.005 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33



Tgt Ion:284 Resp: 129976  
Ion Ratio Lower Upper  
284 100  
142 26.8 24.2 36.4  
249 32.1 25.9 38.9





#69  
 Atrazine  
 Concen: 40.104 ng  
 RT: 16.760 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BG057833.D  
 Acq: 23 Jun 2023 8:33

Instrument :

BNA\_G

ClientSampleId :

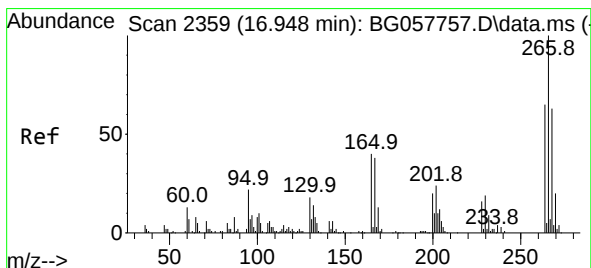
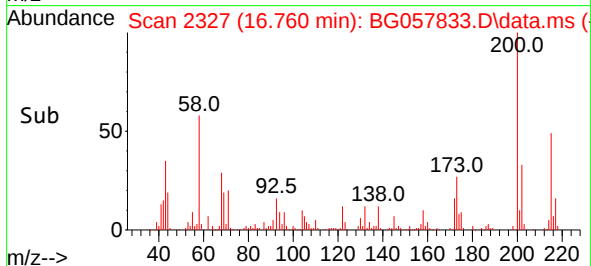
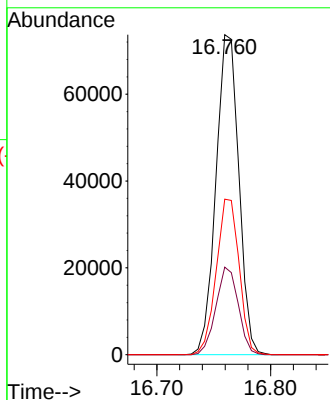
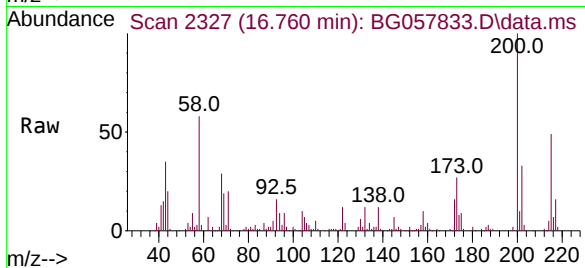
SSTDCCC040

Tgt Ion:200 Resp: 103080  
 Ion Ratio Lower Upper  
 200 100  
 173 27.4 5.6 45.6  
 215 48.6 24.6 64.6

Manual Integrations

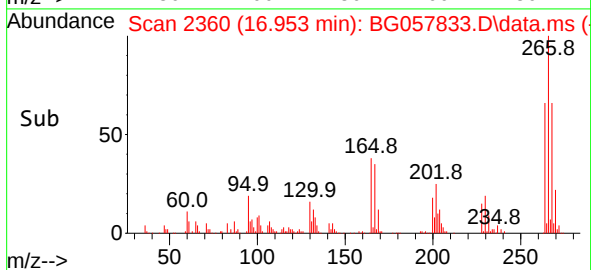
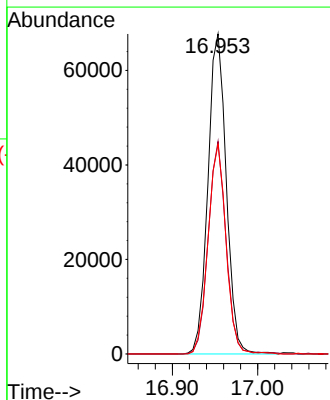
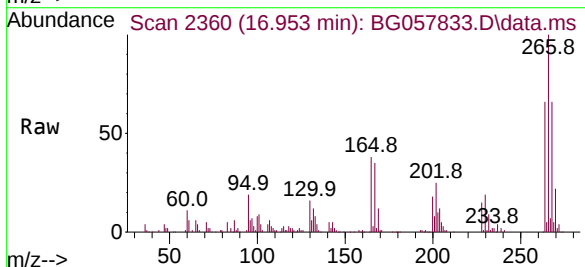
APPROVED

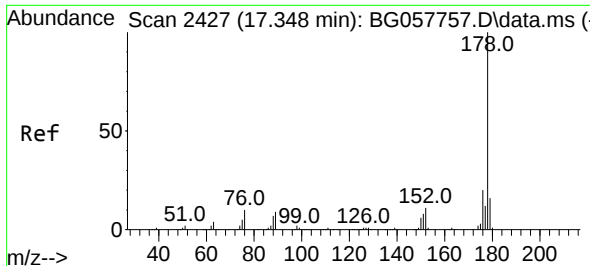
Reviewed By :Yogesh Patel 06/26/2023  
 Supervised By :mohammad ahmed 06/27/2023



#70  
 Pentachlorophenol  
 Concen: 44.761 ng  
 RT: 16.953 min Scan# 2360  
 Delta R.T. 0.005 min  
 Lab File: BG057833.D  
 Acq: 23 Jun 2023 8:33

Tgt Ion:266 Resp: 101428  
 Ion Ratio Lower Upper  
 266 100  
 268 66.4 50.5 75.7  
 264 65.5 51.8 77.6





#71  
Phenanthrene  
Concen: 39.552 ng  
RT: 17.347 min Scan# 2427  
Delta R.T. -0.000 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

Instrument :

BNA\_G

ClientSampleId :

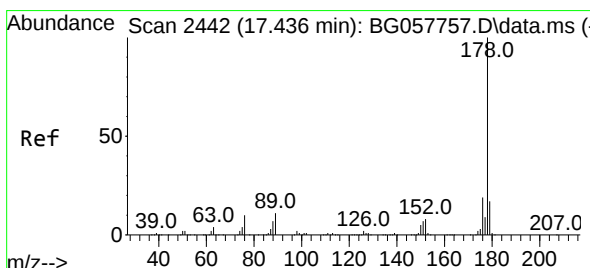
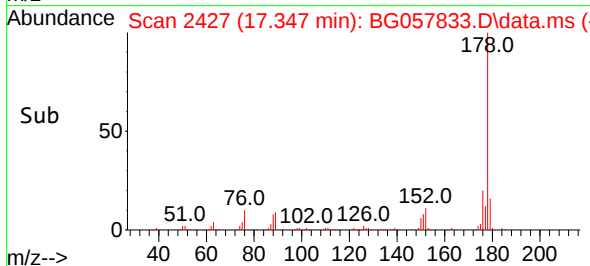
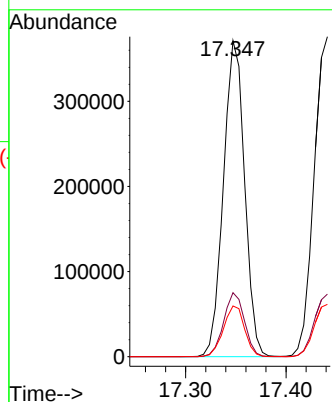
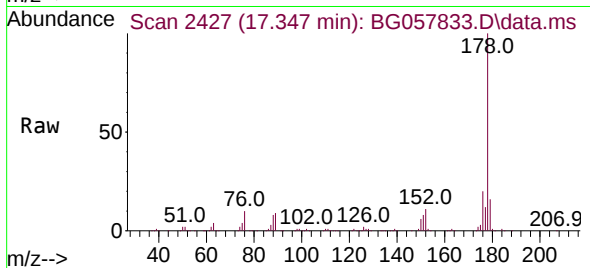
SSTDCCC040

Tgt Ion:178 Resp: 543304  
Ion Ratio Lower Upper  
178 100  
176 20.3 16.3 24.5  
179 16.0 13.0 19.6

Manual Integrations

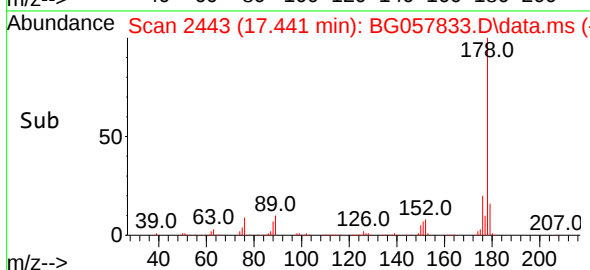
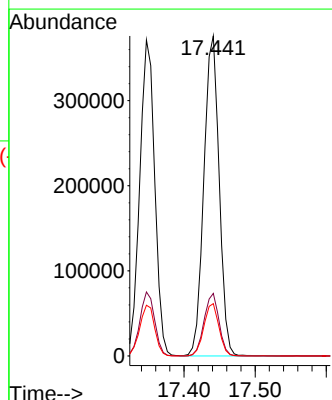
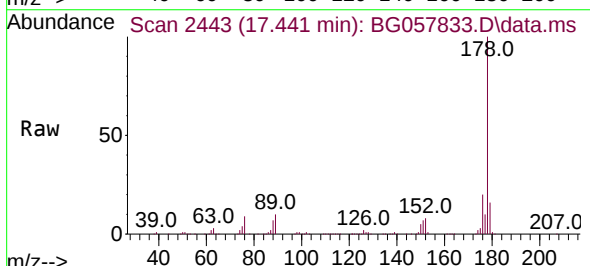
APPROVED

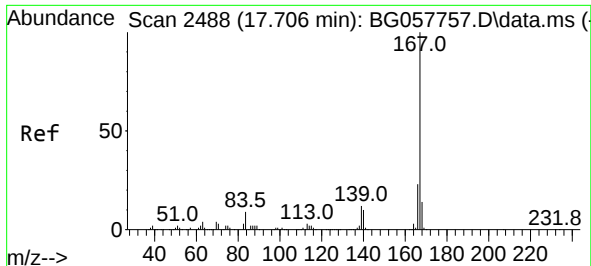
Reviewed By :Yogesh Patel 06/26/2023  
Supervised By :mohammad ahmed 06/27/2023



#72  
Anthracene  
Concen: 40.179 ng  
RT: 17.441 min Scan# 2443  
Delta R.T. 0.005 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

Tgt Ion:178 Resp: 563575  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.4 23.0  
179 16.4 13.3 19.9





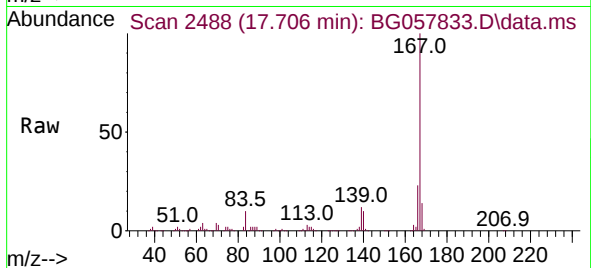
#73  
 Carbazole  
 Concen: 40.108 ng  
 RT: 17.706 min Scan# 2488  
 Delta R.T. -0.000 min  
 Lab File: BG057833.D  
 Acq: 23 Jun 2023 8:33

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

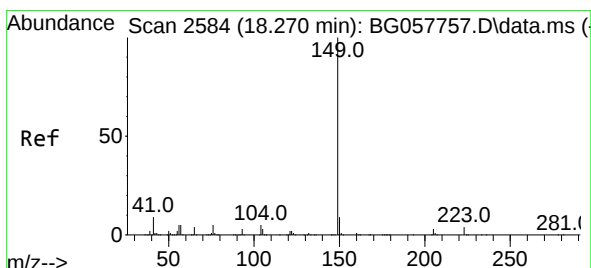
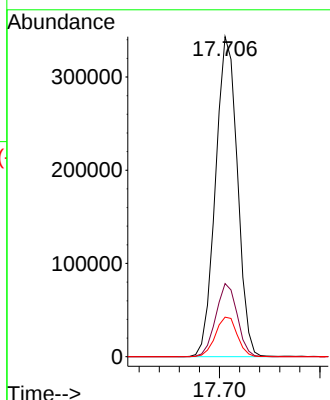
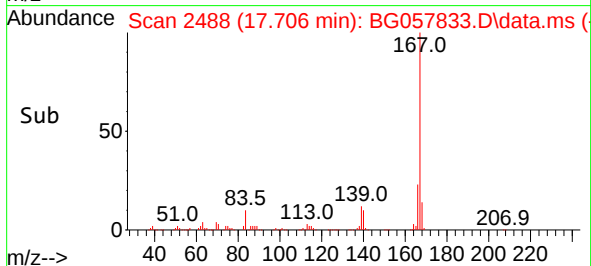


Tgt Ion:167 Resp: 518700  
 Ion Ratio Lower Upper  
 167 100  
 166 22.8 18.4 27.6  
 139 12.4 9.9 14.9

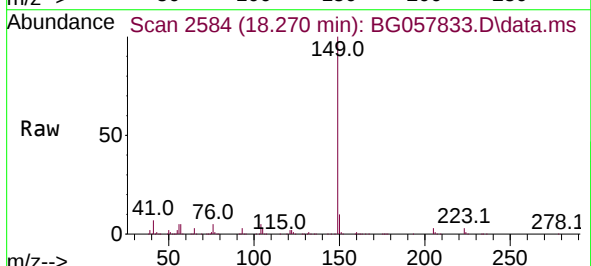
Manual Integrations

APPROVED

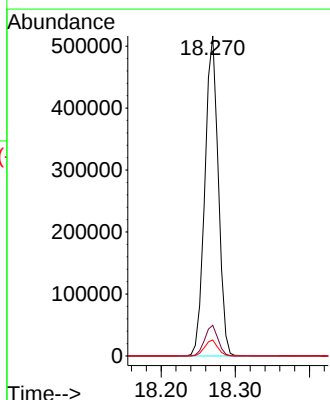
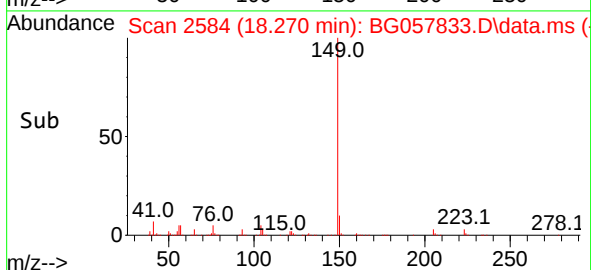
Reviewed By :Yogesh Patel 06/26/2023  
 Supervised By :mohammad ahmed 06/27/2023

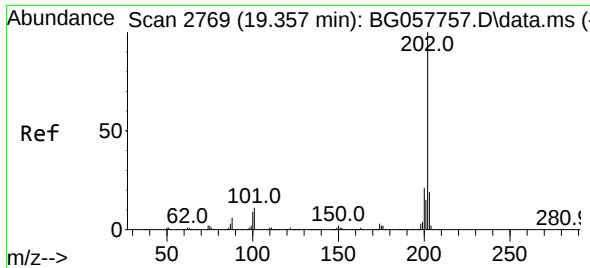


#74  
 Di-n-butylphthalate  
 Concen: 42.323 ng  
 RT: 18.270 min Scan# 2584  
 Delta R.T. -0.000 min  
 Lab File: BG057833.D  
 Acq: 23 Jun 2023 8:33



Tgt Ion:149 Resp: 648101  
 Ion Ratio Lower Upper  
 149 100  
 150 9.6 7.5 11.3  
 104 5.0 4.1 6.1





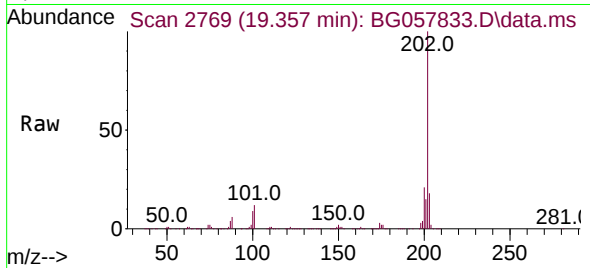
#75  
Fluoranthene  
Concen: 40.603 ng  
RT: 19.357 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

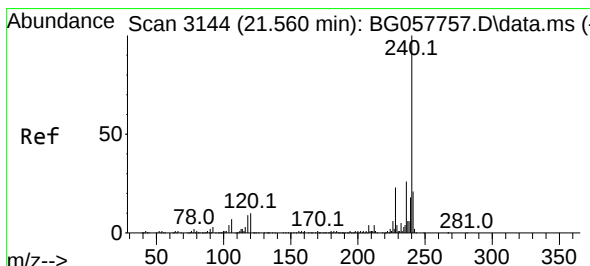
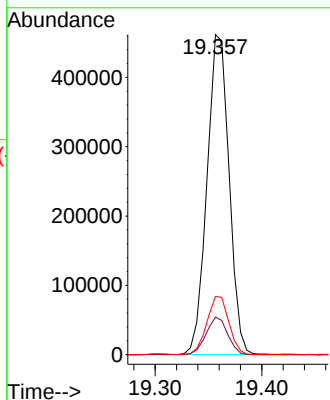
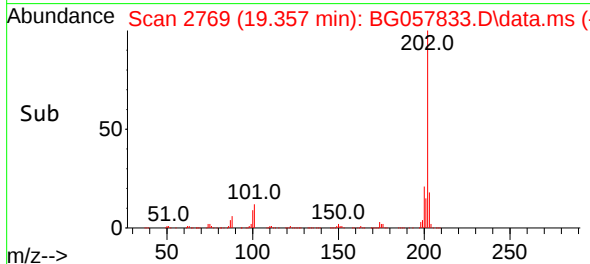


Tgt Ion:202 Resp: 66443  
Ion Ratio Lower Upper  
202 100  
101 11.8 0.0 31.3  
203 18.2 0.0 38.7

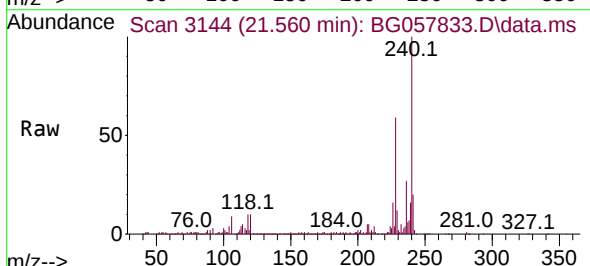
Manual Integrations

APPROVED

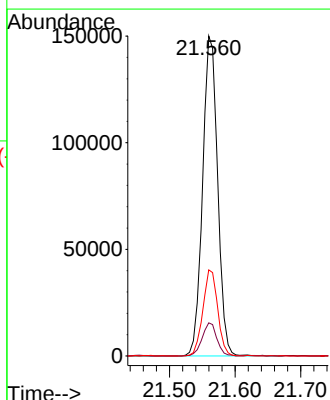
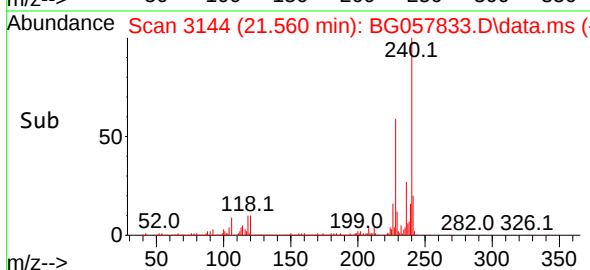
Reviewed By :Yogesh Patel 06/26/2023  
Supervised By :mohammad ahmed 06/27/2023

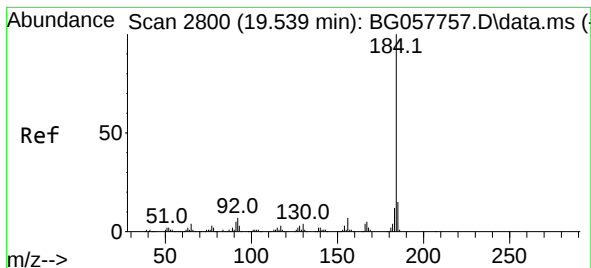


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.560 min Scan# 3144  
Delta R.T. -0.000 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33



Tgt Ion:240 Resp: 239325  
Ion Ratio Lower Upper  
240 100  
120 10.3 8.1 12.1  
236 26.9 20.6 30.8





#77

Benzidine

Concen: 44.073 ng

RT: 19.539 min Scan# 2800

Delta R.T. -0.000 min

Lab File: BG057833.D

Acq: 23 Jun 2023 8:33

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion:184 Resp: 247249

Ion Ratio Lower Upper

184 100

185 14.8 12.0 18.0

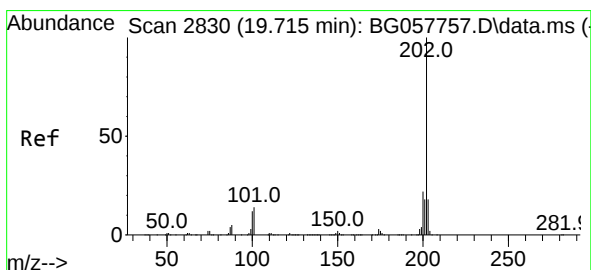
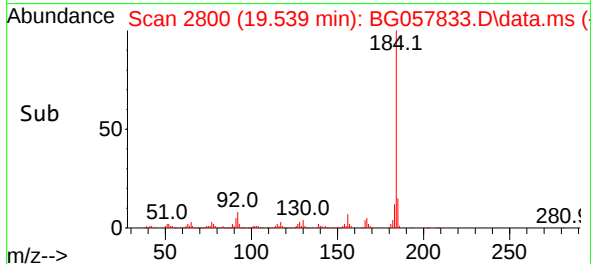
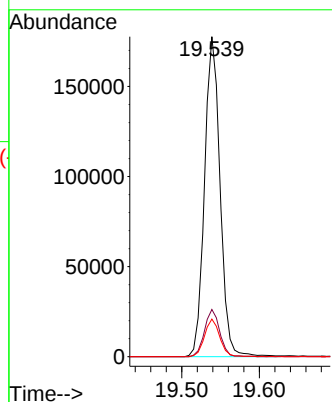
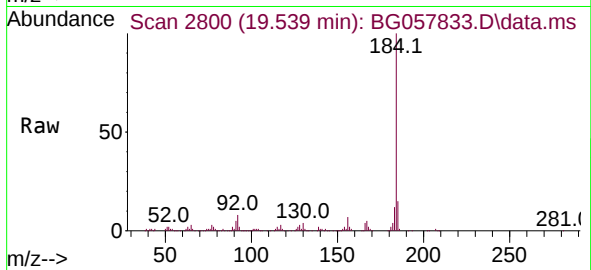
183 11.8 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2023

Supervised By :mohammad ahmed 06/27/2023



#78

Pyrene

Concen: 39.525 ng

RT: 19.721 min Scan# 2831

Delta R.T. 0.005 min

Lab File: BG057833.D

Acq: 23 Jun 2023 8:33

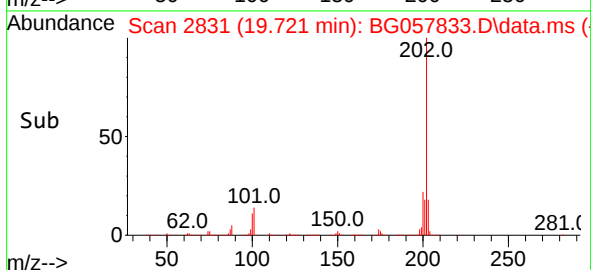
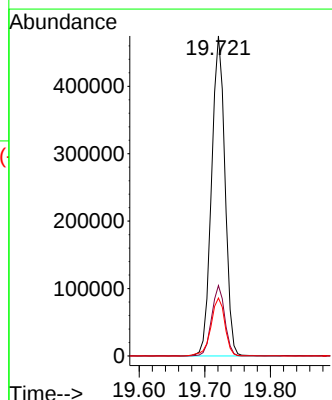
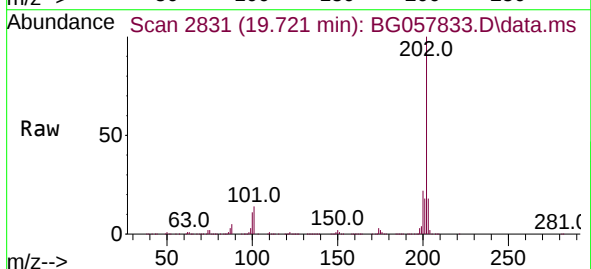
Tgt Ion:202 Resp: 674785

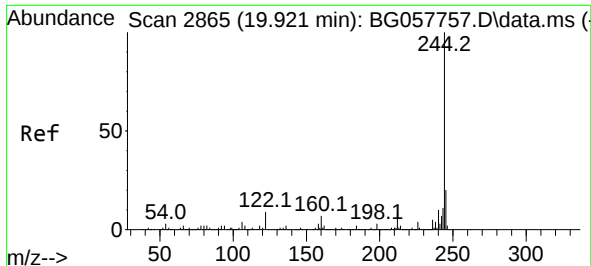
Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.0

203 18.1 14.6 22.0





#79  
 Terphenyl-d14  
 Concen: 81.058 ng  
 RT: 19.921 min Scan# 2865  
 Delta R.T. -0.000 min  
 Lab File: BG057833.D  
 Acq: 23 Jun 2023 8:33

Instrument :

BNA\_G

ClientSampleId :

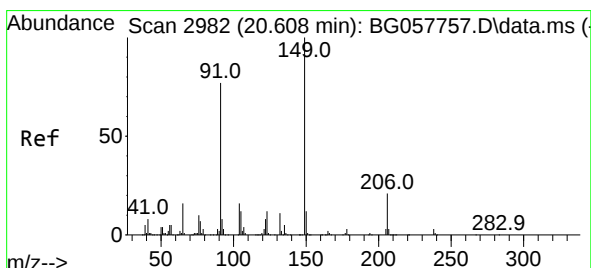
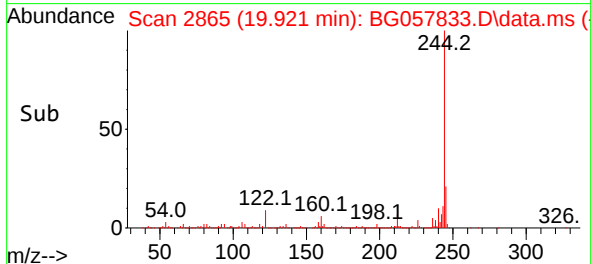
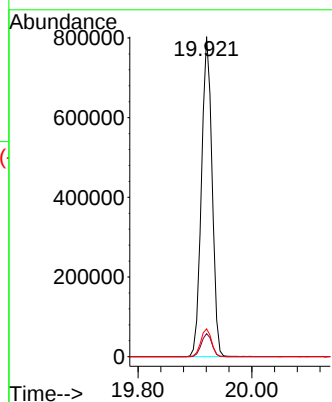
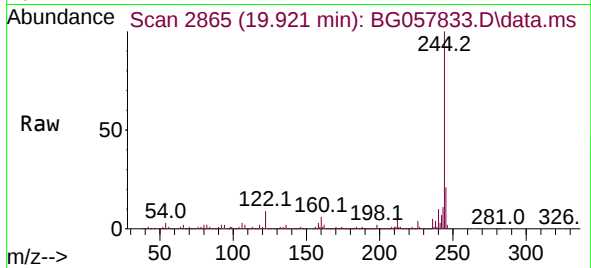
SSTDCCC040

Tgt Ion:244 Resp: 1040360  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 6.1 9.1  
 122 8.7 7.6 11.4

Manual Integrations

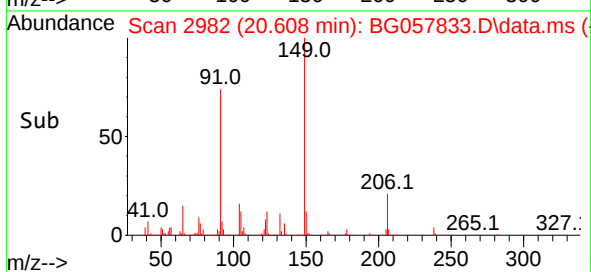
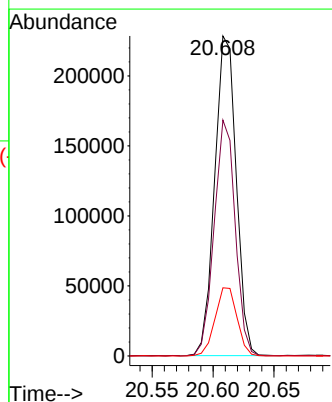
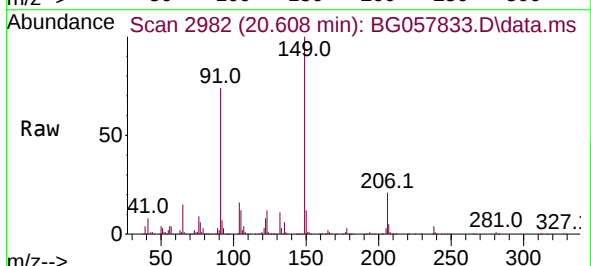
APPROVED

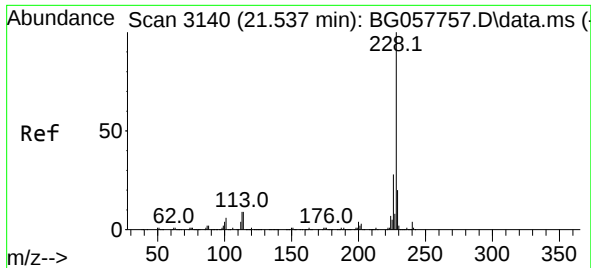
Reviewed By :Yogesh Patel 06/26/2023  
 Supervised By :mohammad ahmed 06/27/2023



#80  
 Butylbenzylphthalate  
 Concen: 43.304 ng  
 RT: 20.608 min Scan# 2982  
 Delta R.T. -0.000 min  
 Lab File: BG057833.D  
 Acq: 23 Jun 2023 8:33

Tgt Ion:149 Resp: 281232  
 Ion Ratio Lower Upper  
 149 100  
 91 73.7 61.7 92.5  
 206 21.3 16.6 24.8





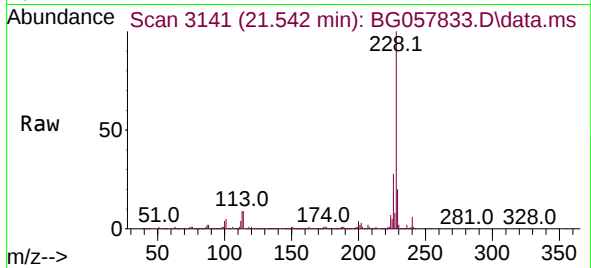
#81  
Benzo(a)anthracene  
Concen: 40.611 ng  
RT: 21.542 min Scan# 3140  
Delta R.T. 0.005 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

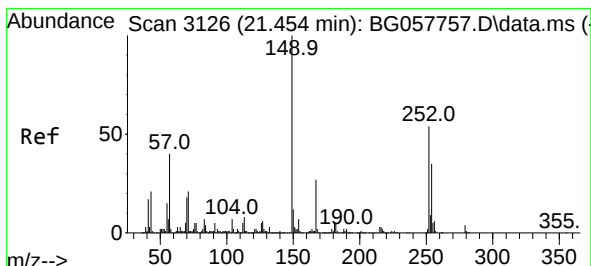
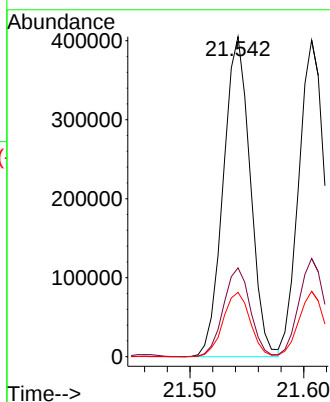
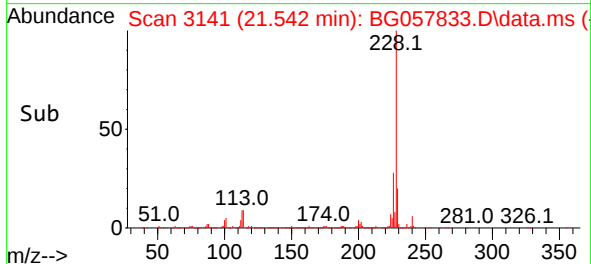


Tgt Ion:228 Resp: 666828  
Ion Ratio Lower Upper  
228 100  
226 27.8 22.3 33.5  
229 20.1 16.3 24.5

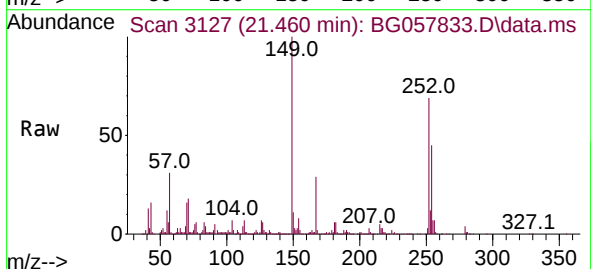
Manual Integrations

APPROVED

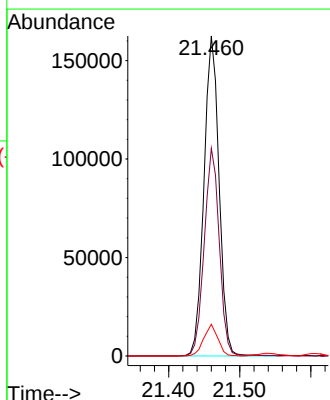
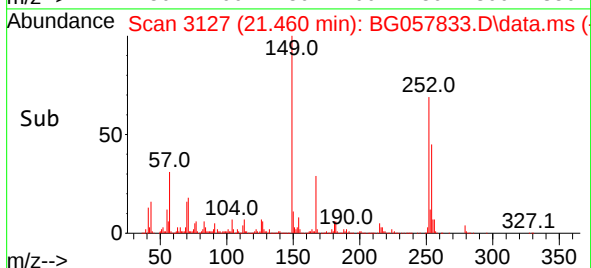
Reviewed By :Yogesh Patel 06/26/2023  
Supervised By :mohammad ahmed 06/27/2023

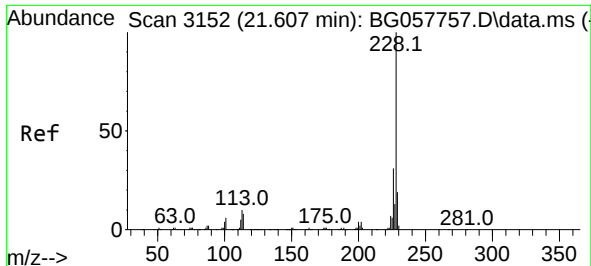


#82  
3,3'-Dichlorobenzidine  
Concen: 43.033 ng  
RT: 21.460 min Scan# 3127  
Delta R.T. 0.006 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33



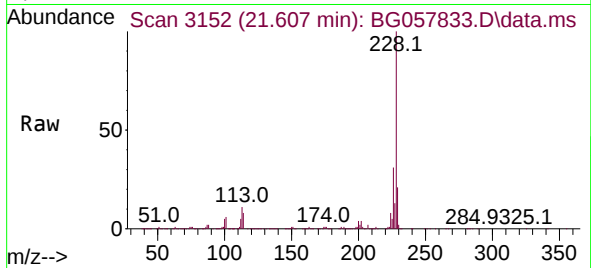
Tgt Ion:252 Resp: 240329  
Ion Ratio Lower Upper  
252 100  
254 64.9 51.0 76.6  
126 9.9 7.0 10.6





#83  
Chrysene  
Concen: 40.229 ng  
RT: 21.607 min Scan# 3152  
Delta R.T. -0.000 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

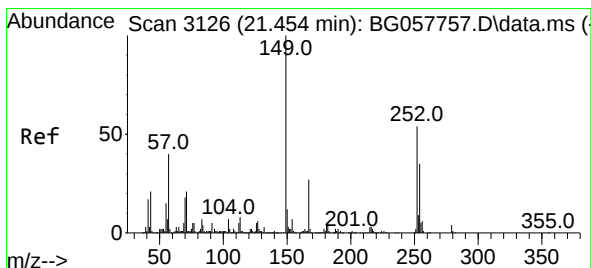
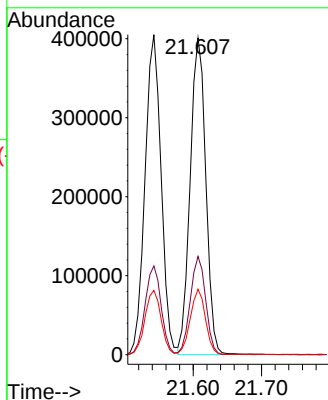
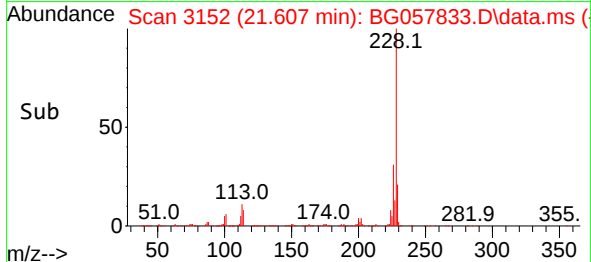
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



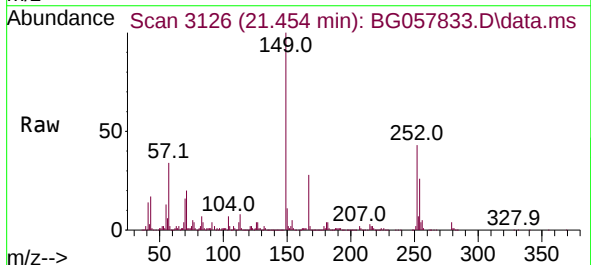
Tgt Ion:228 Resp: 63393  
Ion Ratio Lower Upper  
228 100  
226 31.0 24.8 37.2  
229 20.7 15.6 23.4

Manual Integrations  
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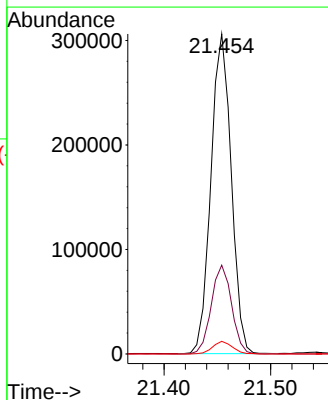
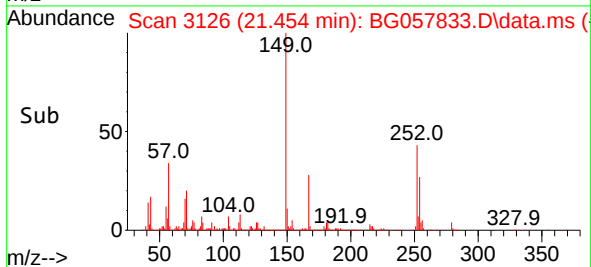
Reviewed By :Yogesh Patel 06/26/2023  
Supervised By :mohammad ahmed 06/27/2023

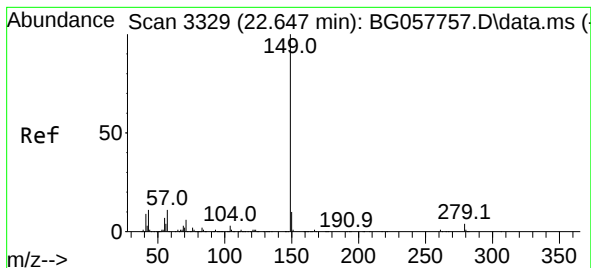


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 42.833 ng  
RT: 21.454 min Scan# 3126  
Delta R.T. -0.000 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33



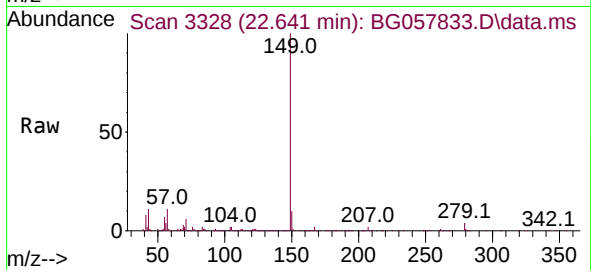
Tgt Ion:149 Resp: 403878  
Ion Ratio Lower Upper  
149 100  
167 27.8 21.8 32.8  
279 4.0 2.9 4.3





#85  
Di-n-octyl phthalate  
Concen: 43.638 ng  
RT: 22.641 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

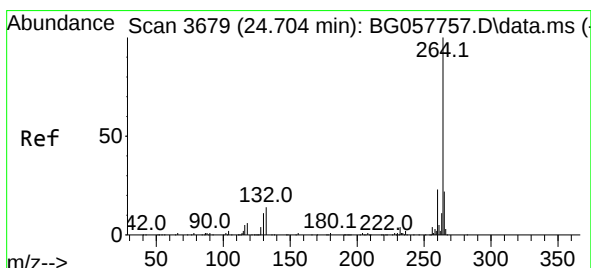
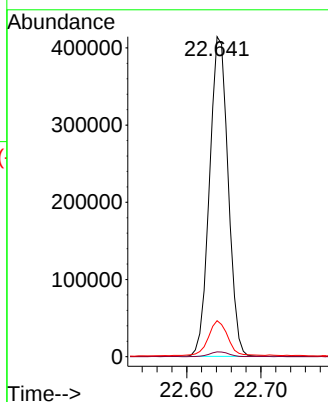
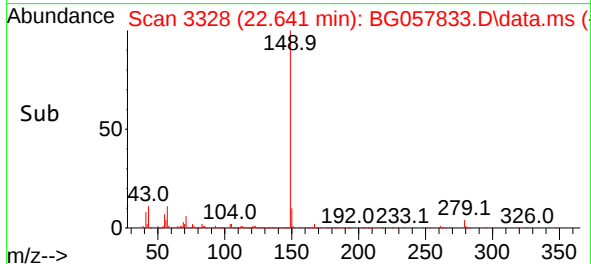
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



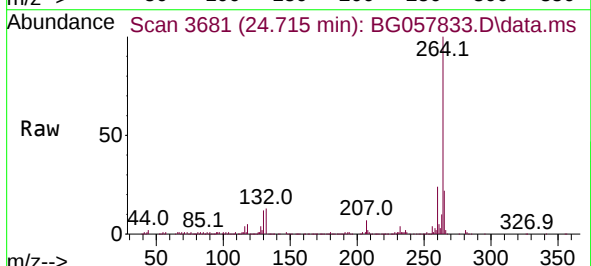
Tgt Ion:149 Resp: 721709  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.2 1.8  
43 12.2 9.6 14.4

Manual Integrations  
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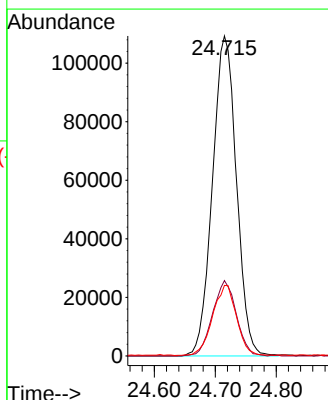
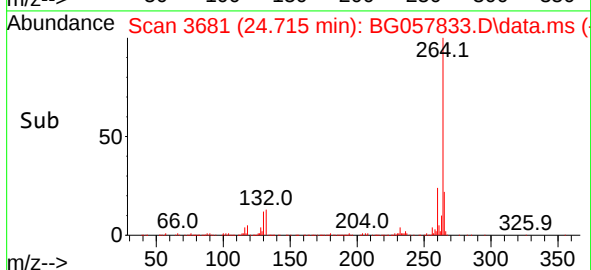
Reviewed By :Yogesh Patel 06/26/2023  
Supervised By :mohammad ahmed 06/27/2023

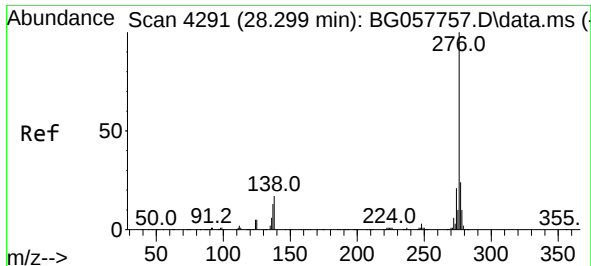


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.715 min Scan# 3681  
Delta R.T. 0.011 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33



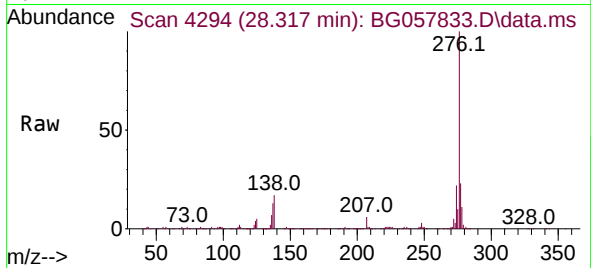
Tgt Ion:264 Resp: 298423  
Ion Ratio Lower Upper  
264 100  
260 23.6 18.5 27.7  
265 22.1 17.4 26.2





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 41.415 ng  
RT: 28.317 min Scan# 41  
Delta R.T. 0.017 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

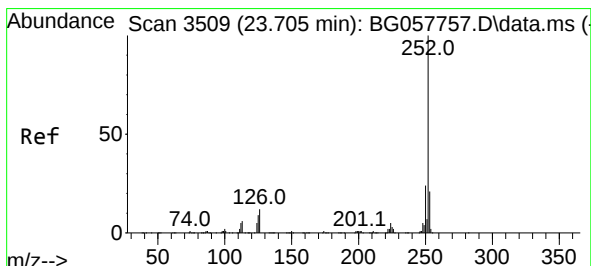
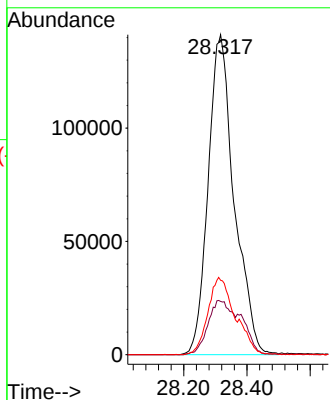
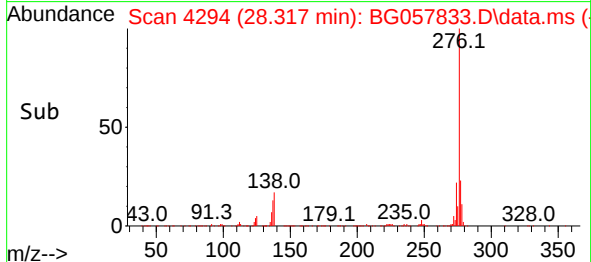
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



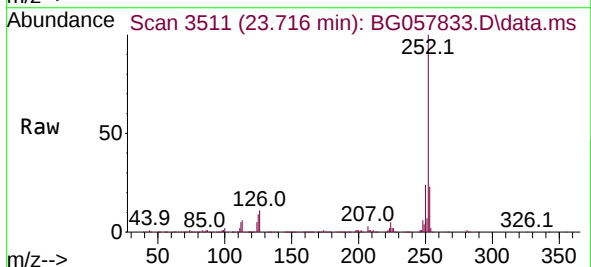
Tgt Ion:276 Resp: 80805  
Ion Ratio Lower Upper  
276 100  
138 15.7 11.3 16.9  
277 25.4 20.4 30.6

Manual Integrations  
APPROVED

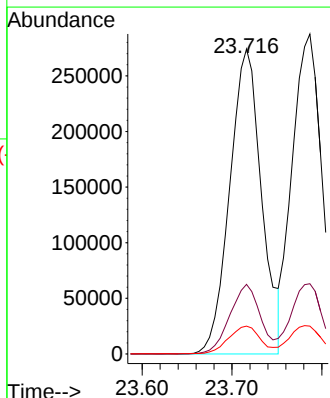
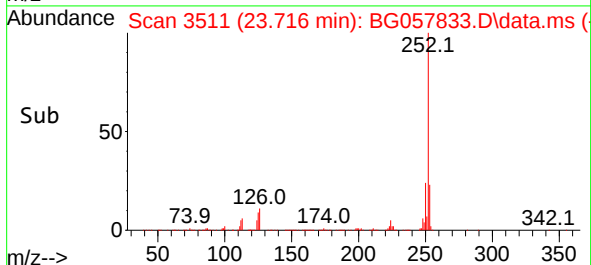
Reviewed By :Yogesh Patel 06/26/2023  
Supervised By :mohammad ahmed 06/27/2023

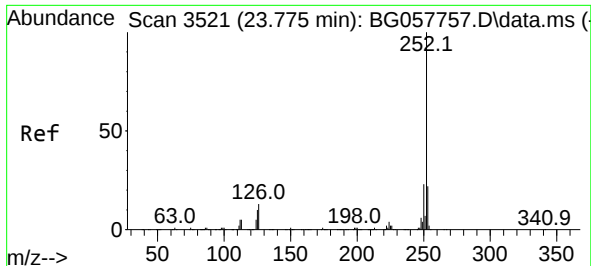


#88  
Benzo(b)fluoranthene  
Concen: 41.283 ng  
RT: 23.716 min Scan# 3511  
Delta R.T. 0.011 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33



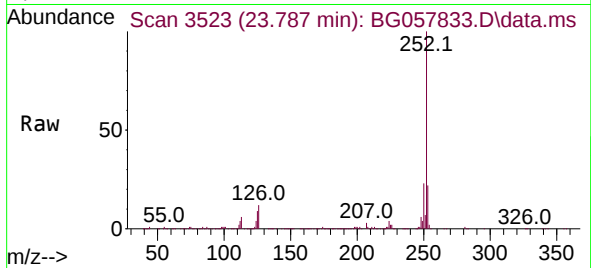
Tgt Ion:252 Resp: 675113  
Ion Ratio Lower Upper  
252 100  
253 22.8 17.1 25.7  
125 9.2 7.4 11.0





#89  
Benzo(k)fluoranthene  
Concen: 39.559 ng  
RT: 23.787 min Scan# 3521  
Delta R.T. 0.011 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

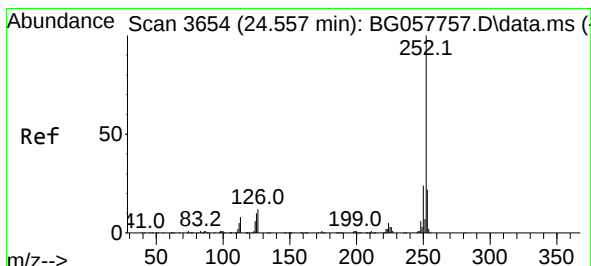
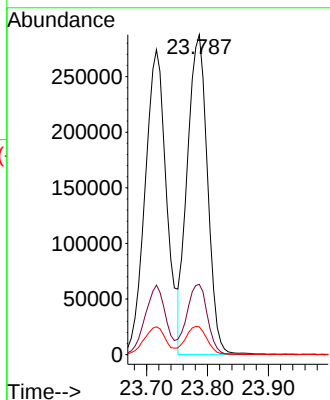
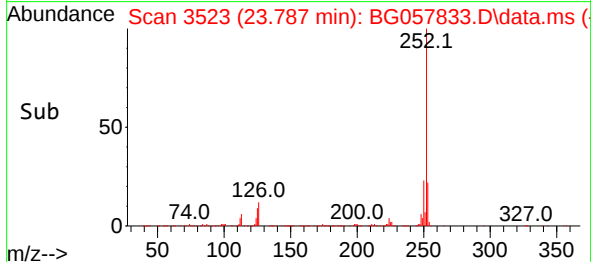
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:252 Resp: 65886  
Ion Ratio Lower Upper  
252 100  
253 22.0 18.0 27.0  
125 8.7 7.6 11.4

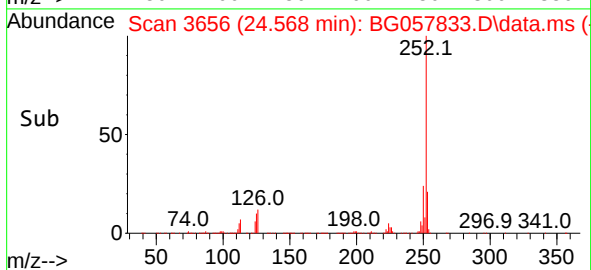
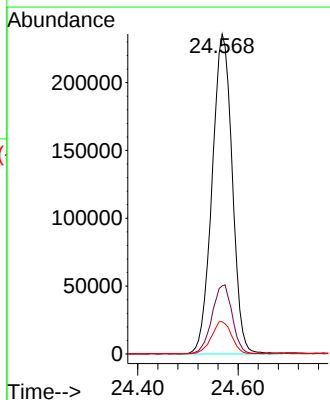
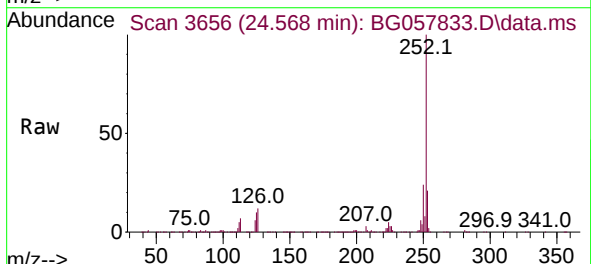
Manual Integrations  
APPROVED

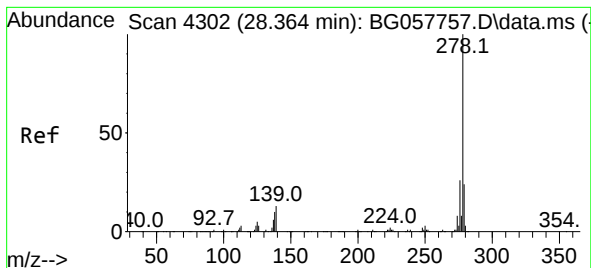
Reviewed By :Yogesh Patel 06/26/2023  
Supervised By :mohammad ahmed 06/27/2023



#90  
Benzo(a)pyrene  
Concen: 40.855 ng  
RT: 24.568 min Scan# 3656  
Delta R.T. 0.011 min  
Lab File: BG057833.D  
Acq: 23 Jun 2023 8:33

Tgt Ion:252 Resp: 656157  
Ion Ratio Lower Upper  
252 100  
253 21.3 17.4 26.2  
125 10.0 8.0 12.0





#91

Dibenzo(a,h)anthracene

Concen: 41.882 ng

RT: 28.381 min Scan# 41

Delta R.T. 0.017 min

Lab File: BG057833.D

Acq: 23 Jun 2023 8:33

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 678024

Ion Ratio Lower Upper

278 100

139 13.0 10.8 16.2

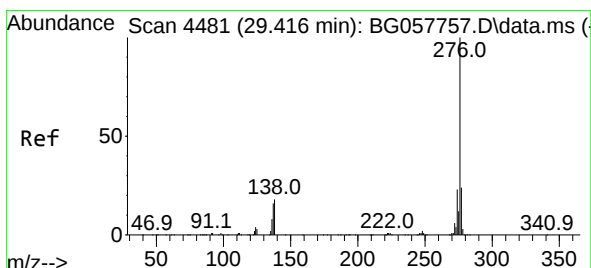
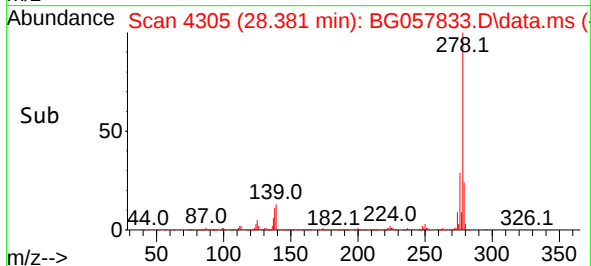
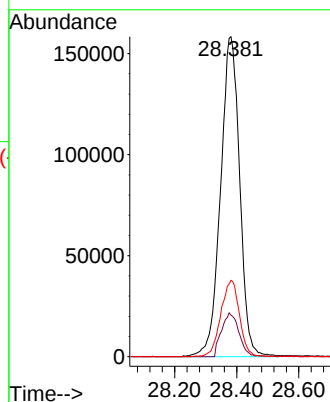
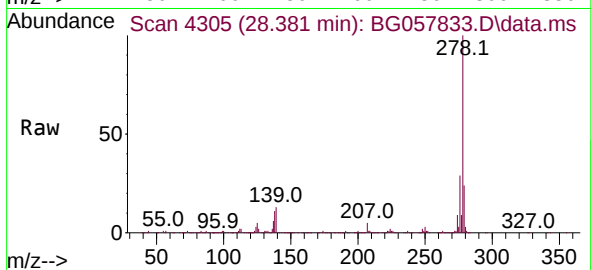
279 23.8 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/26/2023

Supervised By :mohammad ahmed 06/27/2023



#92

Benzo(g,h,i)perylene

Concen: 41.060 ng

RT: 29.439 min Scan# 4485

Delta R.T. 0.023 min

Lab File: BG057833.D

Acq: 23 Jun 2023 8:33

Tgt Ion:276 Resp: 665575

Ion Ratio Lower Upper

276 100

277 24.0 19.4 29.0

138 18.4 14.2 21.4

