

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG011223\  
 Data File : BG056267.D  
 Acq On : 12 Jan 2023 13:51  
 Operator : CG/JU  
 Sample : 01094-01MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Jan 13 04:25:21 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG122722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 12 03:38:40 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Jagrut  
 Upadhyay  
 01/13/2023

Supervised By :mohammad  
 ahmed  
 01/13/2023

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.313  | 152  | 42638    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.151 | 136  | 164236   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.928 | 164  | 136387   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.666 | 188  | 373101   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.961 | 240  | 354506   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 25.399 | 264  | 390226   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.833  | 112  | 327704   | 137.228 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.455  | 99   | 461750   | 125.909 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.494  | 82   | 243521   | 75.845  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.409 | 330  | 225618   | 130.617 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.559 | 172  | 756000   | 76.544  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.240 | 244  | 1520054  | 76.797  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.642  | 88   | 44981    | 41.239  | ng    | # 95     |
| 3) Pyridine                   | 4.065  | 79   | 126939   | 38.210  | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.971  | 42   | 29398    | 43.502  | ng    | # 96     |
| 6) Aniline                    | 7.631  | 93   | 93486    | 19.439  | ng    | 96       |
| 8) 2-Chlorophenol             | 7.878  | 128  | 130671   | 54.989  | ng    | 94       |
| 9) Benzaldehyde               | 7.437  | 77   | 67340    | 30.882  | ng    | 93       |
| 10) Phenol                    | 7.478  | 94   | 191776   | 51.564  | ng    | 93       |
| 11) bis(2-Chloroethyl)ether   | 7.719  | 93   | 116503   | 46.224  | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 8.207  | 146  | 148008   | 51.176  | ng    | 95       |
| 13) 1,4-Dichlorobenzene       | 8.354  | 146  | 150342   | 51.766  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.677  | 146  | 145959   | 52.086  | ng    | 97       |
| 15) Benzyl Alcohol            | 8.548  | 79   | 122905   | 46.048  | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.841  | 45   | 23365    | 52.460  | ng    | 91       |
| 17) 2-Methylphenol            | 8.747  | 107  | 129737   | 47.540  | ng    | 98       |
| 18) Hexachloroethane          | 9.417  | 117  | 45872    | 51.993  | ng    | 97       |
| 19) n-Nitroso-di-n-propyla... | 9.118  | 70   | 92962    | 41.686  | ng    | 98       |
| 20) 3+4-Methylphenols         | 9.076  | 107  | 179462   | 46.773  | ng    | 97       |
| 22) Acetophenone              | 9.141  | 105  | 206770   | 44.526  | ng    | # 98     |
| 24) Nitrobenzene              | 9.535  | 77   | 140716   | 44.224  | ng    | 99       |
| 25) Isophorone                | 10.052 | 82   | 276827   | 40.978  | ng    | 98       |
| 26) 2-Nitrophenol             | 10.246 | 139  | 80679    | 49.557  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 10.293 | 122  | 146087   | 49.198  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 10.534 | 93   | 159729   | 45.492  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.786 | 162  | 170939   | 52.071  | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 11.004 | 180  | 181564   | 48.738  | ng    | 100      |
| 31) Naphthalene               | 11.198 | 128  | 397746   | 46.017  | ng    | 99       |
| 32) Benzoic acid              | 10.422 | 122  | 110248   | 50.041  | ng    | 97       |
| 33) 4-Chloroaniline           | 11.297 | 127  | 45671    | 11.067  | ng    | 94       |
| 34) Hexachlorobutadiene       | 11.474 | 225  | 126773   | 47.315  | ng    | 97       |
| 35) Caprolactam               | 12.067 | 113  | 53436m   | 48.078  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 12.390 | 107  | 161614   | 48.516  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.778 | 142  | 314629   | 43.110  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.995 | 142  | 294821   | 43.501  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 13.142 | 216  | 243133   | 47.564  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 13.119 | 237  | 313140   | 107.448 | ng    | 94       |
| 43) 2,4,6-Trichlorophenol     | 13.371 | 196  | 171682   | 50.792  | ng    | 98       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG011223\  
 Data File : BG056267.D  
 Acq On : 12 Jan 2023 13:51  
 Operator : CG/JU  
 Sample : 01094-01MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Jan 13 04:25:21 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG122722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 12 03:38:40 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Jagrut  
 Upadhyay  
 01/13/2023

Supervised By :mohammad  
 ahmed  
 01/13/2023

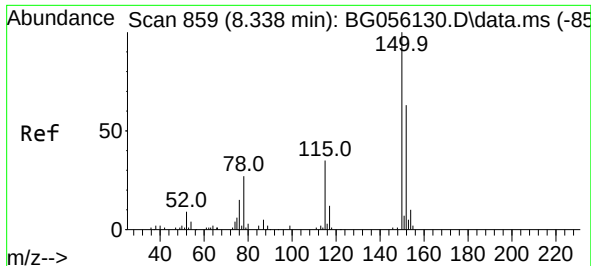
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.442 | 196  | 187426   | 46.875  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.771 | 154  | 468854   | 48.001  | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.818 | 162  | 375304   | 48.679  | ng    | 99       |
| 48) 2-Nitroaniline            | 14.012 | 65   | 81573    | 49.659  | ng    | 99       |
| 49) Acenaphthylene            | 14.658 | 152  | 581738   | 46.368  | ng    | 99       |
| 50) Dimethylphthalate         | 14.370 | 163  | 504835   | 45.852  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.494 | 165  | 111523   | 47.537  | ng    | 97       |
| 52) Acenaphthene              | 14.993 | 154  | 451553m  | 55.338  | ng    |          |
| 53) 3-Nitroaniline            | 14.823 | 138  | 41610    | 18.636  | ng    | 95       |
| 54) 2,4-Dinitrophenol         | 15.028 | 184  | 188295   | 112.349 | ng    | 95       |
| 55) Dibenzofuran              | 15.322 | 168  | 621491   | 46.025  | ng    | 97       |
| 56) 4-Nitrophenol             | 15.122 | 139  | 185084   | 107.784 | ng    | 94       |
| 57) 2,4-Dinitrotoluene        | 15.281 | 165  | 160937   | 49.052  | ng    | 91       |
| 58) Fluorene                  | 15.968 | 166  | 512611   | 47.198  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.545 | 232  | 191682m  | 51.057  | ng    |          |
| 60) Diethylphthalate          | 15.722 | 149  | 480783   | 46.564  | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.951 | 204  | 315571   | 46.559  | ng    | 98       |
| 62) 4-Nitroaniline            | 15.986 | 138  | 107565   | 47.032  | ng    | 97       |
| 63) Azobenzene                | 16.245 | 77   | 372781   | 46.786  | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 16.039 | 198  | 125469   | 49.913  | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 16.168 | 169  | 475146   | 45.900  | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 16.844 | 248  | 217298   | 45.737  | ng    | 95       |
| 68) Hexachlorobenzene         | 16.973 | 284  | 219283   | 49.470  | ng    | 100      |
| 69) Atrazine                  | 17.096 | 200  | 217073   | 50.597  | ng    | 98       |
| 70) Pentachlorophenol         | 17.308 | 266  | 309103   | 90.779  | ng    | 98       |
| 71) Phenanthrene              | 17.708 | 178  | 911576   | 47.146  | ng    | 99       |
| 72) Anthracene                | 17.802 | 178  | 931353   | 46.695  | ng    | 99       |
| 73) Carbazole                 | 18.060 | 167  | 807440   | 48.160  | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.589 | 149  | 814710   | 48.747  | ng    | 100      |
| 75) Fluoranthene              | 19.699 | 202  | 1167476  | 46.289  | ng    | 100      |
| 77) Benzidine                 | 19.864 | 184  | 353277   | 28.436  | ng    | 99       |
| 78) Pyrene                    | 20.058 | 202  | 1177143  | 47.110  | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.916 | 149  | 347786   | 48.515  | ng    | 96       |
| 81) Benzo(a)anthracene        | 21.938 | 228  | 1174683  | 47.177  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.838 | 252  | 162401   | 18.118  | ng    | 98       |
| 83) Chrysene                  | 22.008 | 228  | 1095892  | 46.987  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.803 | 149  | 507885   | 49.176  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 23.089 | 149  | 839115   | 48.128  | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 29.364 | 276  | 1401037  | 49.368  | ng    | # 99     |
| 88) Benzo(b)fluoranthene      | 24.300 | 252  | 1260461  | 50.838  | ng    | 100      |
| 89) Benzo(k)fluoranthene      | 24.376 | 252  | 1172127  | 47.475  | ng    | 98       |
| 90) Benzo(a)pyrene            | 25.240 | 252  | 1087321  | 44.963  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 29.435 | 278  | 1167734  | 49.078  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 30.616 | 276  | 1134351  | 49.162  | ng    | 98       |

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

## Manual Integrations

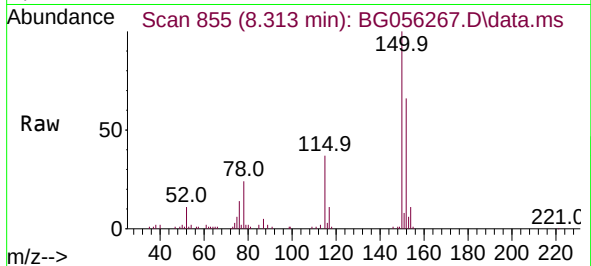
Supervised By :mohammad  
ahmed  
01/13/2023

[illegible]



#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.313 min Scan# 80  
Delta R.T. -0.004 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Instrument :  
BNA\_G  
ClientSampleId :

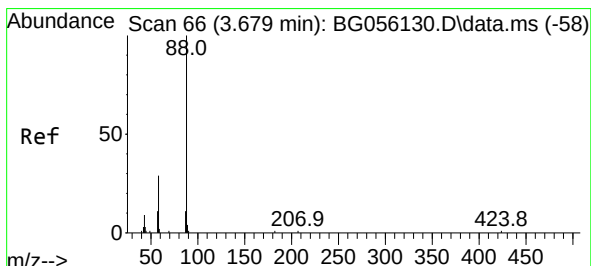
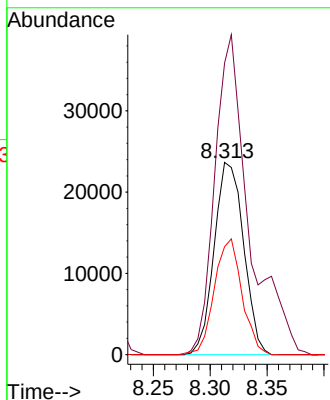
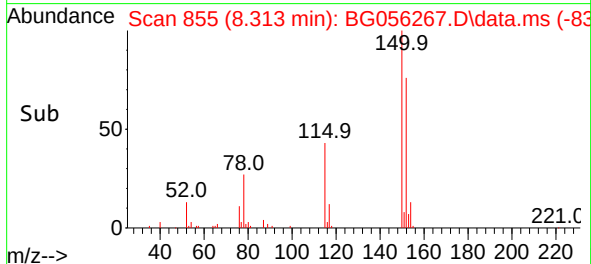


Tgt Ion:152 Resp: 42638  
Ion Ratio Lower Upper  
152 100  
150 151.7 127.9 191.9  
115 56.1 44.2 66.2

Manual Integrations  
APPROVED

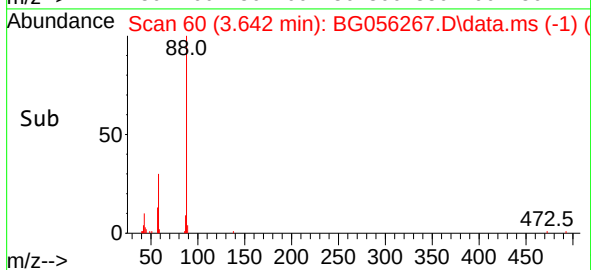
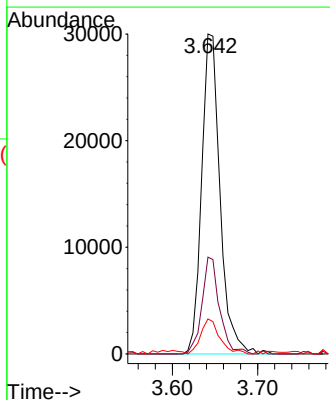
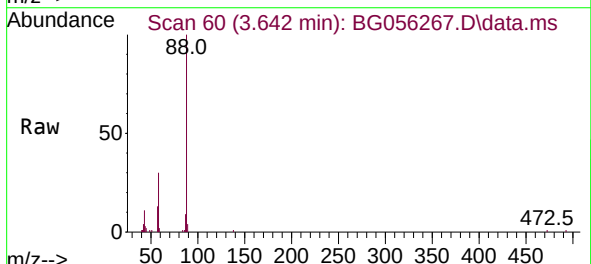
Reviewed By :Jagrut  
Upadhyay  
01/13/2023

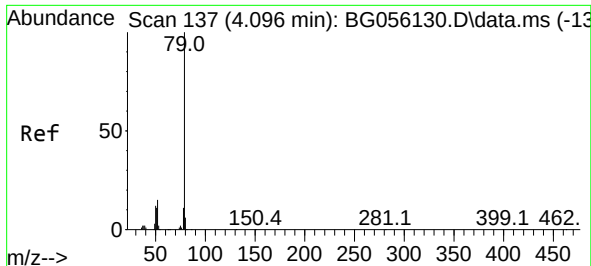
Supervised By :mohammad  
ahmed  
01/13/2023



#2  
1,4-Dioxane  
Concen: 41.239 ng  
RT: 3.642 min Scan# 60  
Delta R.T. -0.004 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

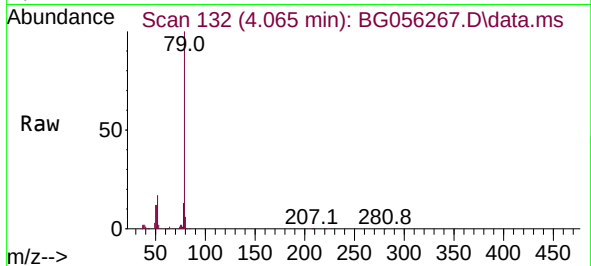
Tgt Ion: 88 Resp: 44981  
Ion Ratio Lower Upper  
88 100  
58 28.8 21.4 32.0  
43 11.2 7.1 10.7#





#3  
 Pyridine  
 Concen: 38.210 ng  
 RT: 4.065 min Scan# 11  
 Delta R.T. 0.002 min  
 Lab File: BG056267.D  
 Acq: 12 Jan 2023 13:51

Instrument :  
 BNA\_G  
 ClientSampleId :

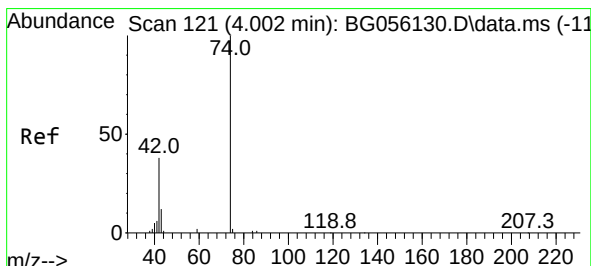
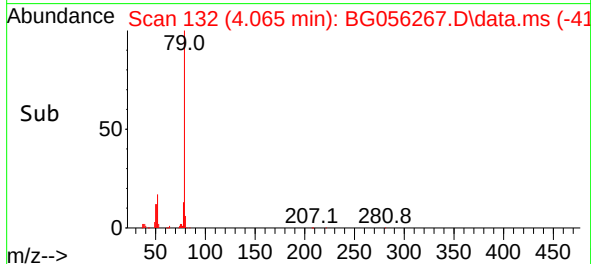
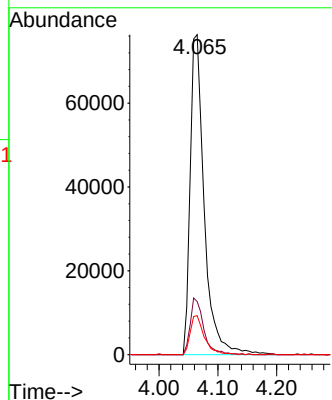


Tgt Ion: 79 Resp: 126939  
 Ion Ratio Lower Upper  
 79 100  
 52 16.6 11.8 17.6  
 51 12.2 8.8 13.2

Manual Integrations  
 APPROVED

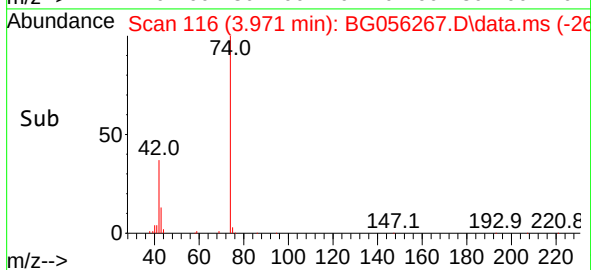
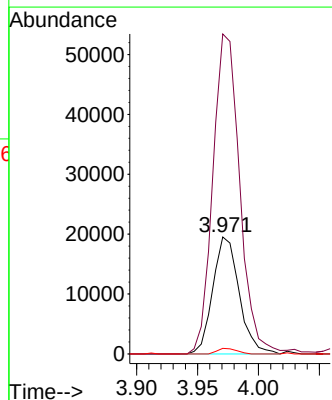
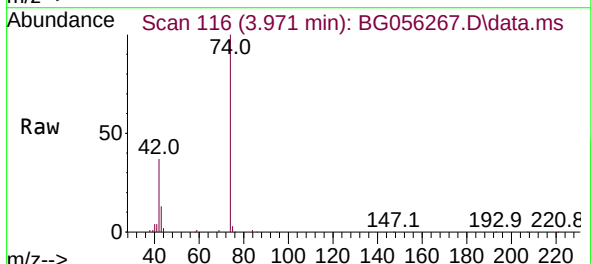
Reviewed By :Jagrut  
 Upadhyay  
 01/13/2023

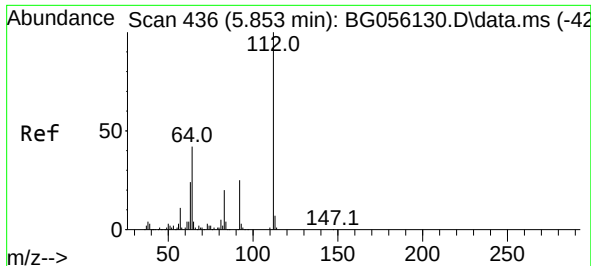
Supervised By :mohammad  
 ahmed  
 01/13/2023



#4  
 n-Nitrosodimethylamine  
 Concen: 43.502 ng  
 RT: 3.971 min Scan# 116  
 Delta R.T. -0.004 min  
 Lab File: BG056267.D  
 Acq: 12 Jan 2023 13:51

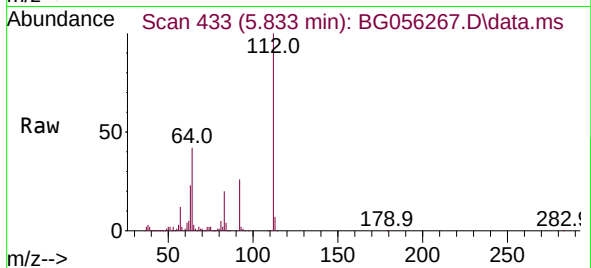
Tgt Ion: 42 Resp: 29398  
 Ion Ratio Lower Upper  
 42 100  
 74 273.7 212.6 319.0  
 44 4.7 2.6 3.8





#5  
2-Fluorophenol  
Concen: 137.228 ng  
RT: 5.833 min Scan# 436  
Delta R.T. 0.008 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Instrument :  
BNA\_G  
ClientSampleId :

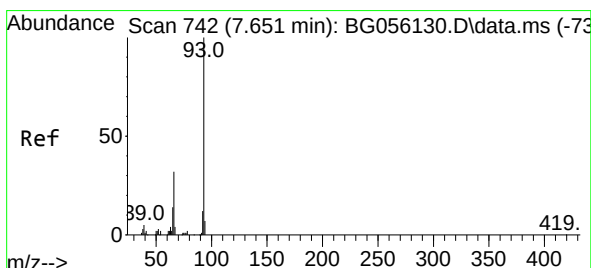
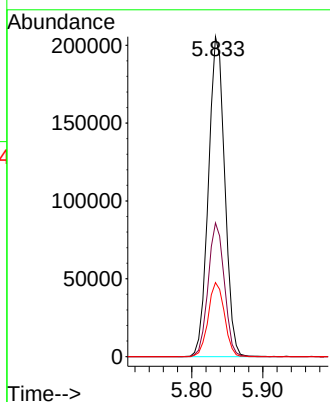
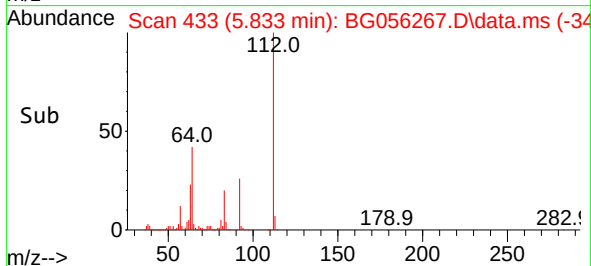


Tgt Ion: 112 Resp: 327704  
Ion Ratio Lower Upper  
112 100  
64 41.8 33.3 49.9  
63 23.1 19.0 28.4

Manual Integrations  
APPROVED

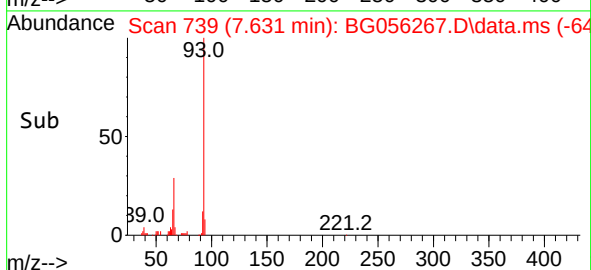
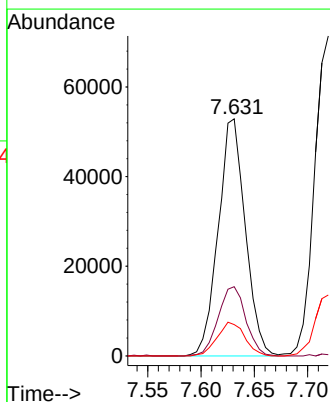
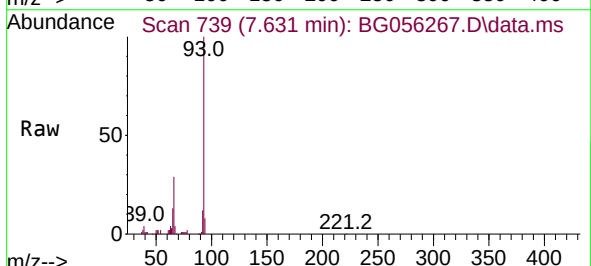
Reviewed By :Jagrut  
Upadhyay  
01/13/2023

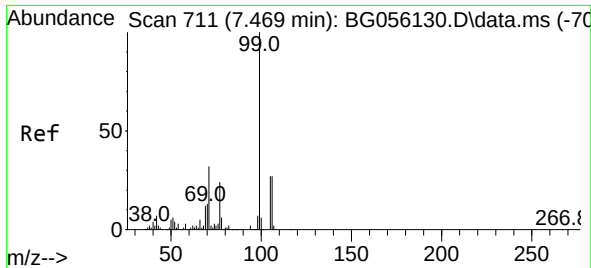
Supervised By :mohammad  
ahmed  
01/13/2023



#6  
Aniline  
Concen: 19.439 ng  
RT: 7.631 min Scan# 739  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

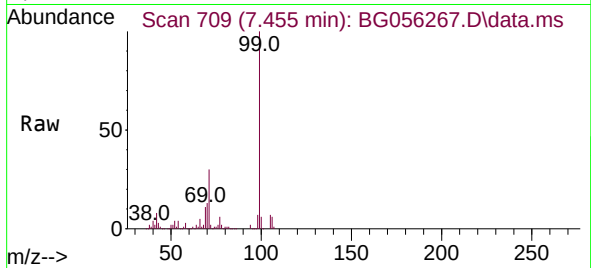
Tgt Ion: 93 Resp: 93486  
Ion Ratio Lower Upper  
93 100  
66 29.2 25.4 38.2  
65 13.2 11.4 17.2





#7  
Phenol-d6  
Concen: 125.909 ng  
RT: 7.455 min Scan# 70  
Delta R.T. 0.008 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Instrument :  
BNA\_G  
ClientSampleId :

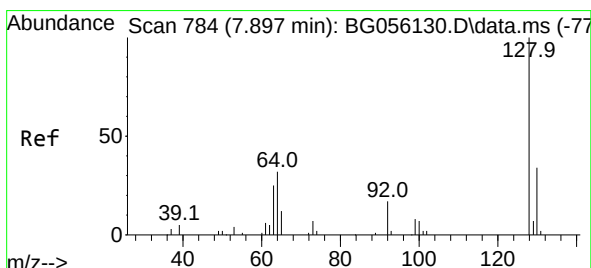
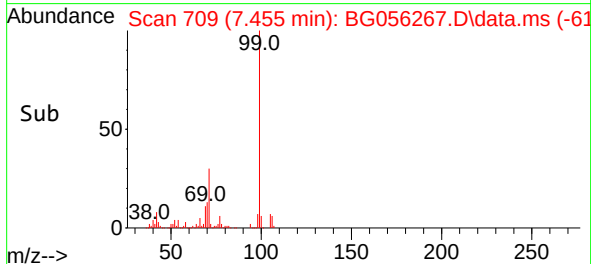
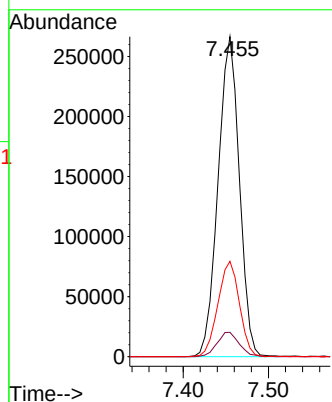


Tgt Ion: 99 Resp: 461750  
Ion Ratio Lower Upper  
99 100  
42 7.6 5.9 8.9  
71 29.8 25.4 38.2

Manual Integrations  
APPROVED

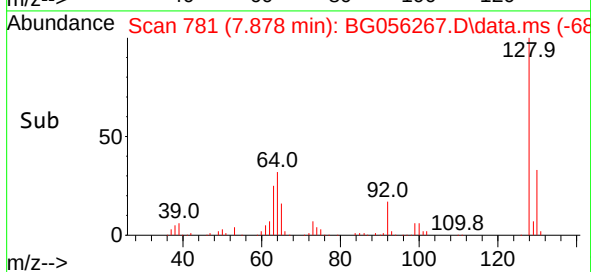
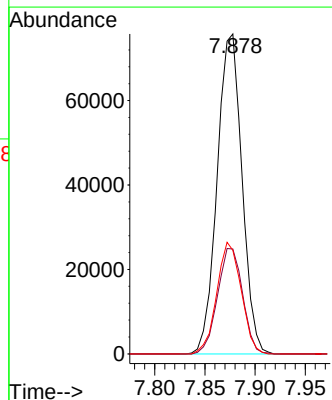
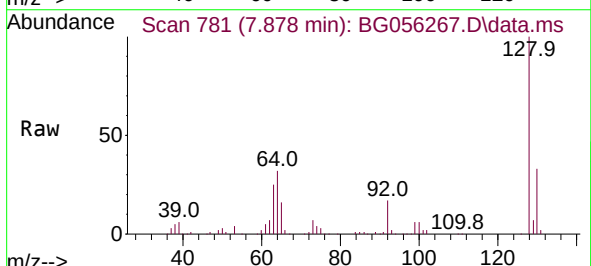
Reviewed By :Jagrut  
Upadhyay  
01/13/2023

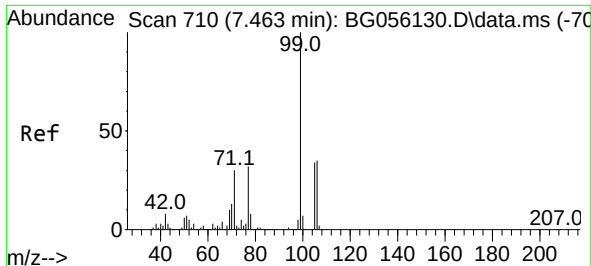
Supervised By :mohammad  
ahmed  
01/13/2023



#8  
2-Chlorophenol  
Concen: 54.989 ng  
RT: 7.878 min Scan# 781  
Delta R.T. 0.008 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

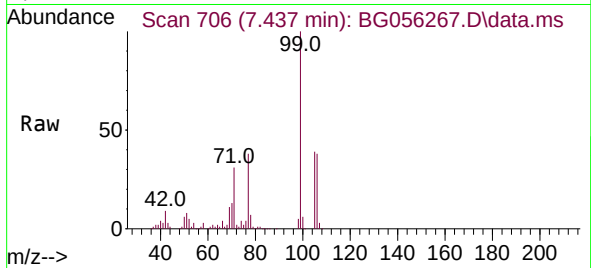
Tgt Ion:128 Resp: 130671  
Ion Ratio Lower Upper  
128 100  
130 32.8 13.5 53.5  
64 32.4 18.0 58.0





#9  
Benzaldehyde  
Concen: 30.882 ng  
RT: 7.437 min Scan# 706  
Delta R.T. -0.004 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Instrument :  
BNA\_G  
ClientSampleId :

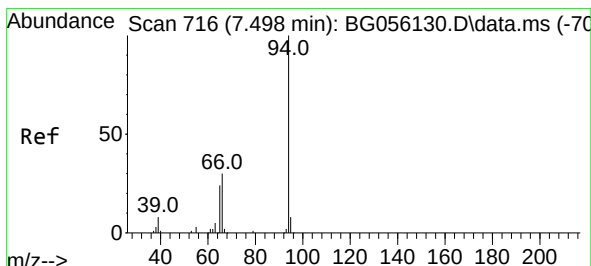
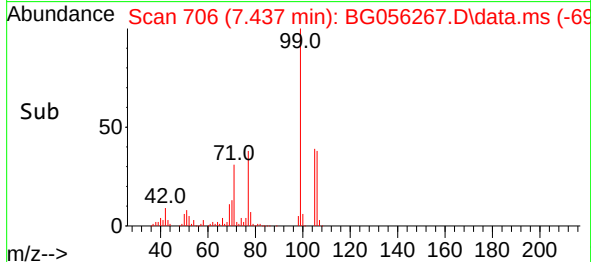
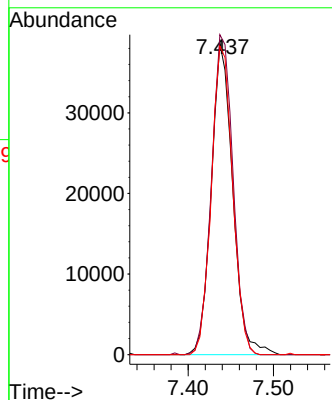


Tgt Ion: 77 Resp: 67340  
Ion Ratio Lower Upper  
77 100  
105 102.8 86.8 126.8  
106 99.1 89.3 129.3

Manual Integrations  
APPROVED

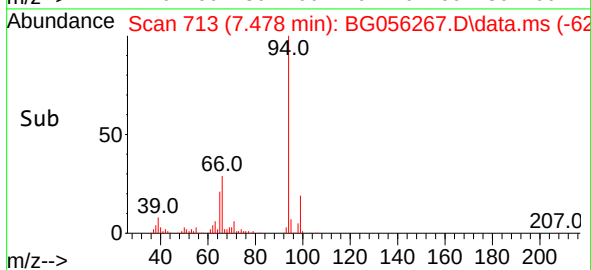
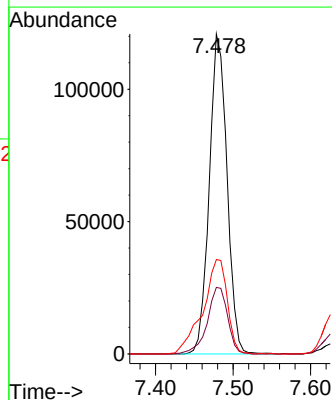
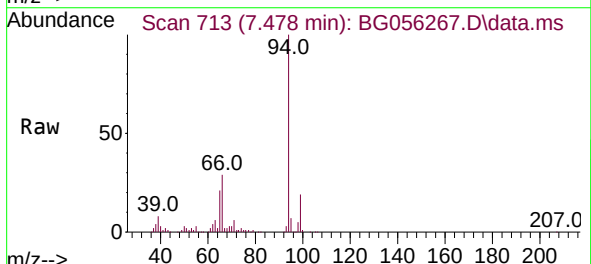
Reviewed By :Jagrut  
Upadhyay  
01/13/2023

Supervised By :mohammad  
ahmed  
01/13/2023

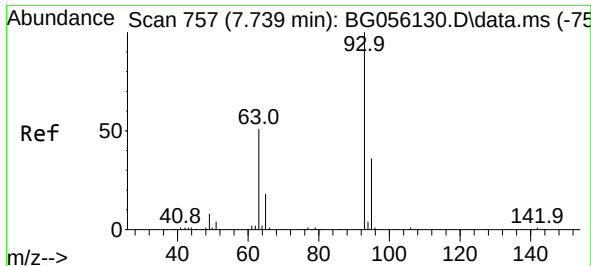


#10  
Phenol  
Concen: 51.564 ng  
RT: 7.478 min Scan# 713  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Tgt Ion: 94 Resp: 191776  
Ion Ratio Lower Upper  
94 100  
65 20.8 4.3 44.3  
66 29.5 13.2 53.2

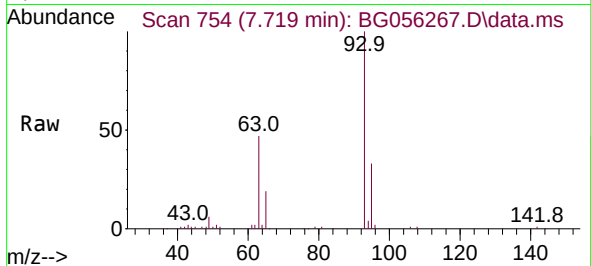






#11  
bis(2-Chloroethyl)ether  
Concen: 46.224 ng  
RT: 7.719 min Scan# 71  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Instrument :  
BNA\_G  
ClientSampleId :

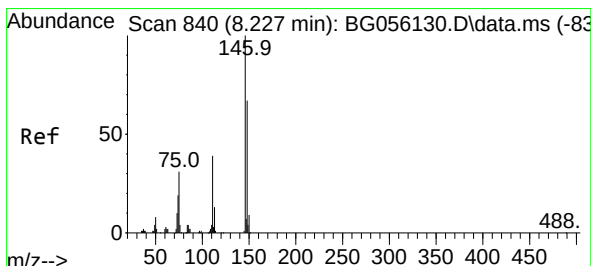
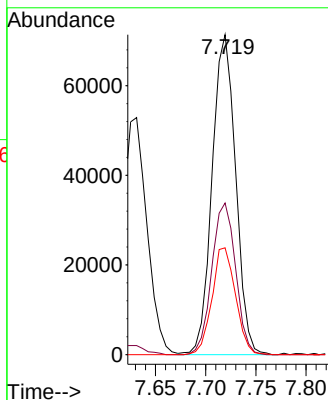
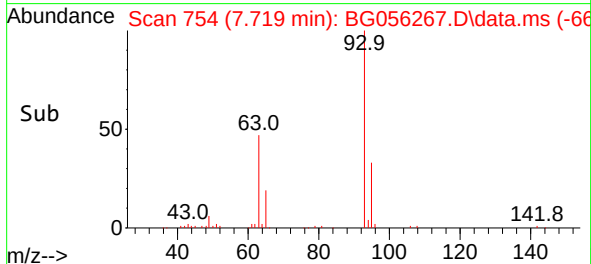


Tgt Ion: 93 Resp: 116503  
Ion Ratio Lower Upper  
93 100  
63 47.4 30.5 70.5  
95 33.4 15.9 55.9

Manual Integrations  
APPROVED

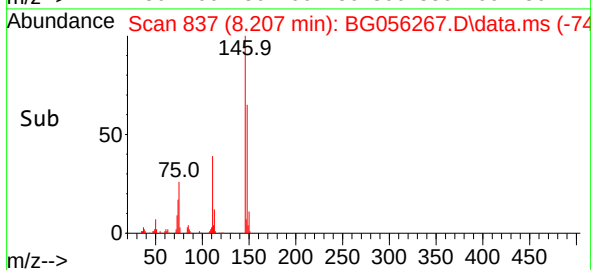
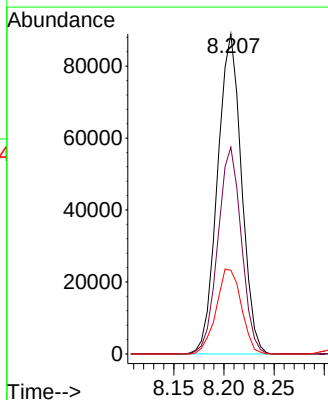
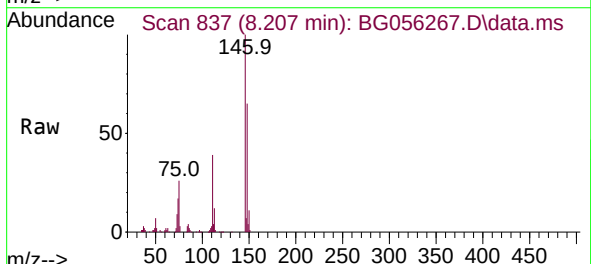
Reviewed By :Jagrut  
Upadhyay  
01/13/2023

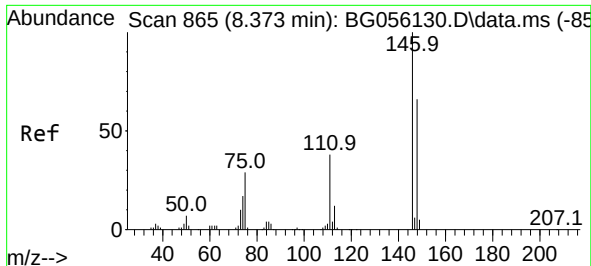
Supervised By :mohammad  
ahmed  
01/13/2023



#12  
1,3-Dichlorobenzene  
Concen: 51.176 ng  
RT: 8.207 min Scan# 837  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Tgt Ion:146 Resp: 148008  
Ion Ratio Lower Upper  
146 100  
148 64.6 53.5 80.3  
75 26.2 24.8 37.2





#13

1,4-Dichlorobenzene

Concen: 51.766 ng

RT: 8.354 min Scan# 80

Delta R.T. 0.002 min

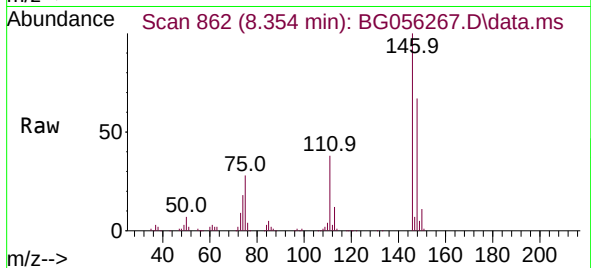
Lab File: BG056267.D

Acq: 12 Jan 2023 13:51

Instrument :

BNA\_G

ClientSampleId :



Tgt Ion:146 Resp: 150342

Ion Ratio Lower Upper

146 100

148 66.9 52.8 79.2

111 37.9 30.5 45.7

Manual Integrations

APPROVED

Reviewed By :Jagrut

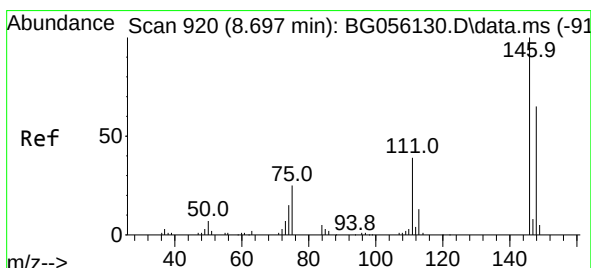
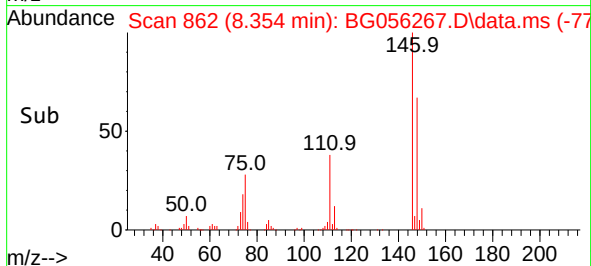
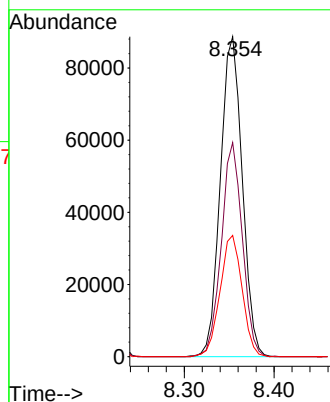
Upadhyay

01/13/2023

Supervised By :mohammad

ahmed

01/13/2023



#14

1,2-Dichlorobenzene

Concen: 52.086 ng

RT: 8.677 min Scan# 917

Delta R.T. 0.002 min

Lab File: BG056267.D

Acq: 12 Jan 2023 13:51

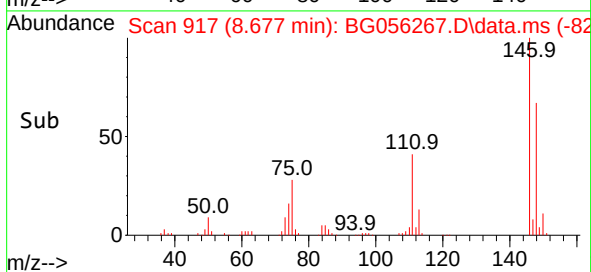
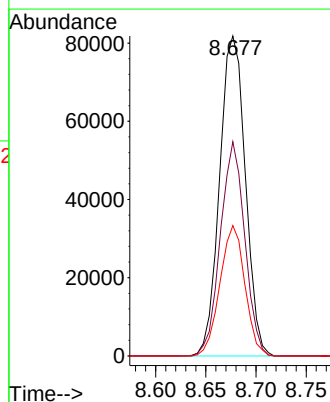
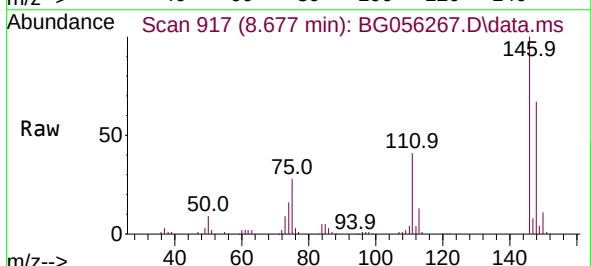
Tgt Ion:146 Resp: 145959

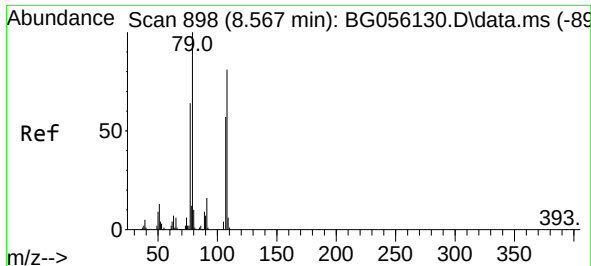
Ion Ratio Lower Upper

146 100

148 66.9 51.7 77.5

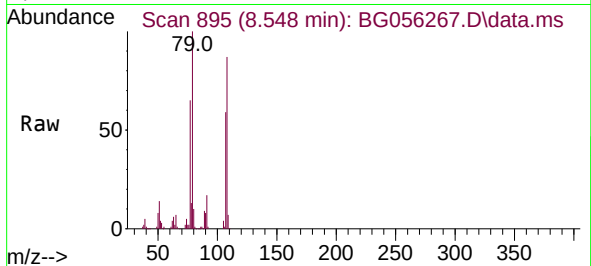
111 40.7 31.5 47.3





#15  
Benzyl Alcohol  
Concen: 46.048 ng  
RT: 8.548 min Scan# 898  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Instrument :  
BNA\_G  
Client Sample Id :

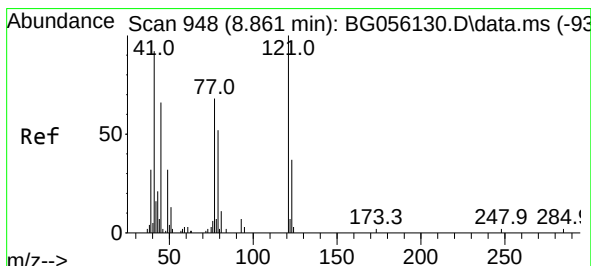
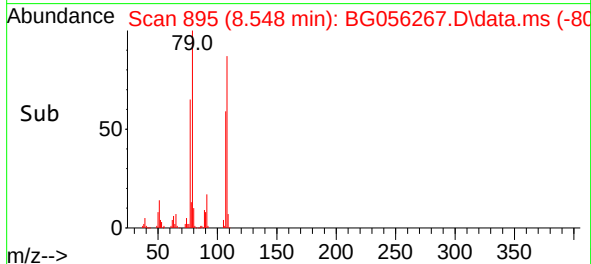
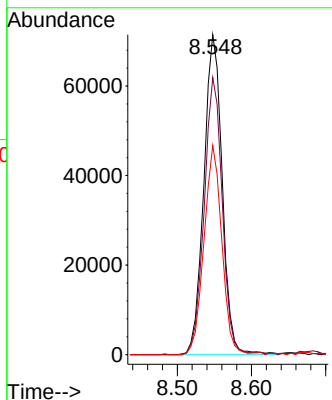


Tgt Ion: 79 Resp: 122905  
Ion Ratio Lower Upper  
79 100  
108 86.6 64.7 97.1  
77 65.4 51.5 77.3

Manual Integrations  
APPROVED

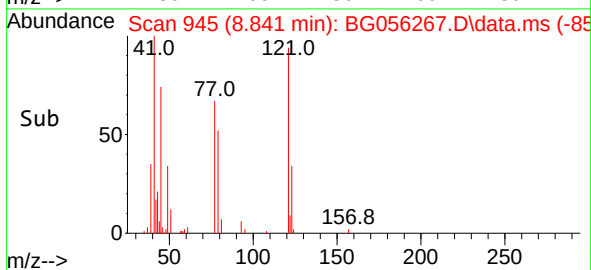
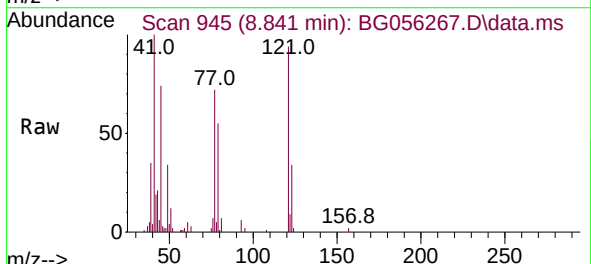
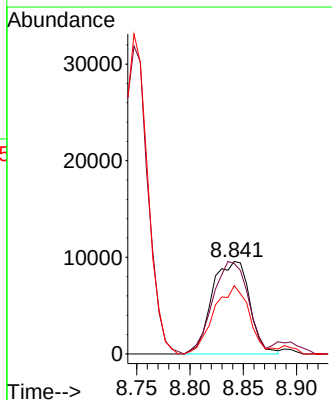
Reviewed By :Jagrut  
Upadhyay  
01/13/2023

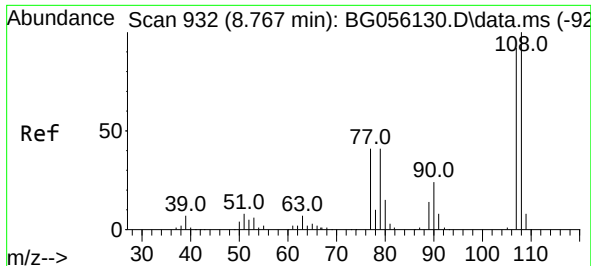
Supervised By :mohammad  
ahmed  
01/13/2023



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 52.460 ng  
RT: 8.841 min Scan# 945  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Tgt Ion: 45 Resp: 23365  
Ion Ratio Lower Upper  
45 100  
77 97.8 88.2 128.2  
79 73.9 61.2 101.2



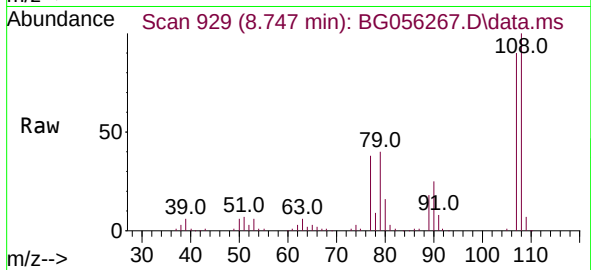


#17  
2-Methylphenol  
Concen: 47.540 ng  
RT: 8.747 min Scan# 91  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Instrument :

BNA\_G

ClientSampleId :

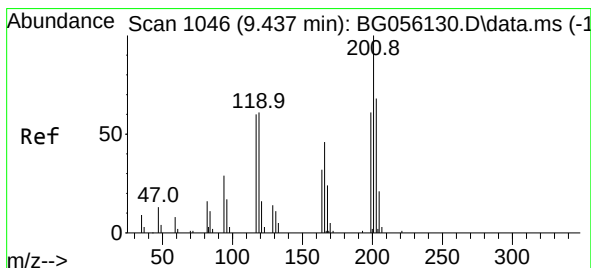
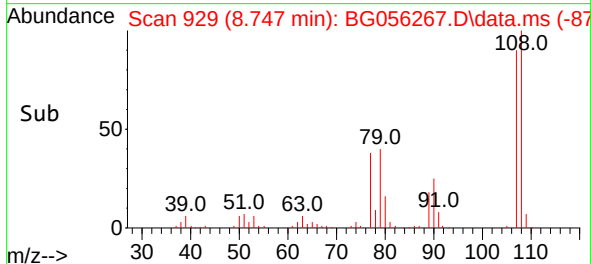
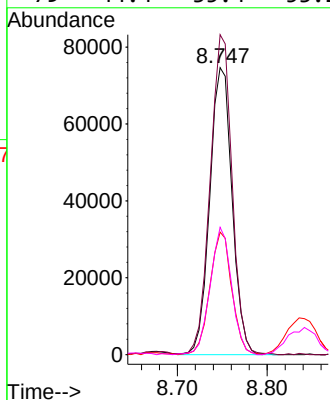


Tgt Ion:107 Resp: 12973  
Ion Ratio Lower Upper  
107 100  
108 111.5 86.6 129.8  
77 42.7 35.4 53.2  
79 44.4 35.4 53.2

Manual Integrations  
APPROVED

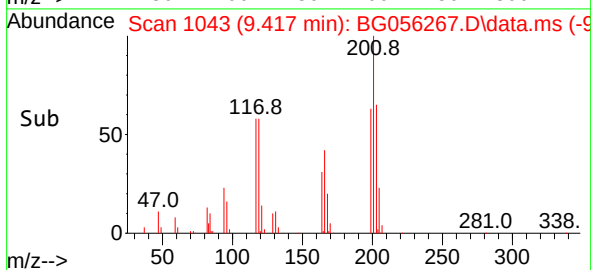
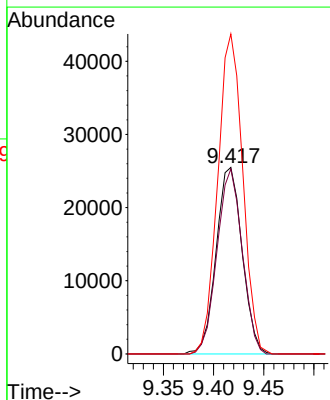
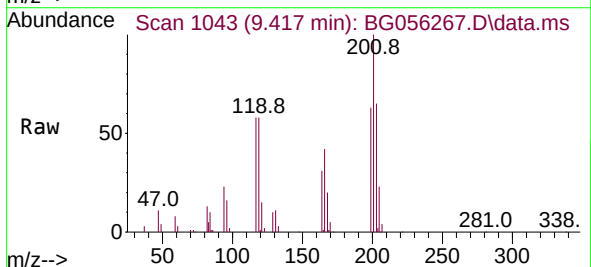
Reviewed By :Jagrut  
Upadhyay  
01/13/2023

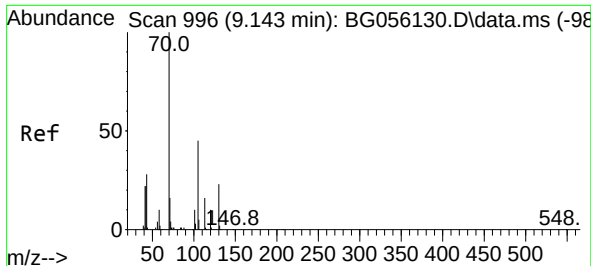
Supervised By :mohammad  
ahmed  
01/13/2023



#18  
Hexachloroethane  
Concen: 51.993 ng  
RT: 9.417 min Scan# 1043  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Tgt Ion:117 Resp: 45872  
Ion Ratio Lower Upper  
117 100  
119 99.2 81.8 122.6  
201 171.7 134.2 201.2





#19

n-Nitroso-di-n-propylamine

Concen: 41.686 ng

RT: 9.118 min Scan# 996

Delta R.T. 0.002 min

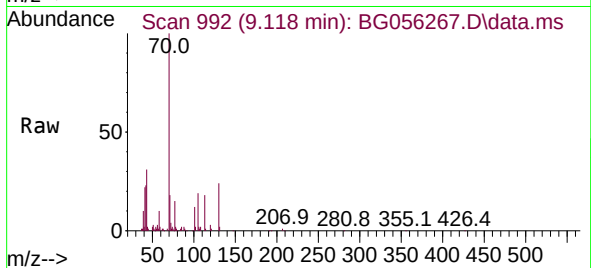
Lab File: BG056267.D

Acq: 12 Jan 2023 13:51

Instrument :

BNA\_G

ClientSampleId :



Tgt Ion: 70 Resp: 92962

Ion Ratio Lower Upper

70 100

42 23.2 18.2 27.2

101 11.6 8.3 12.5

130 23.5 18.2 27.4

Manual Integrations

APPROVED

Reviewed By :Jagrut

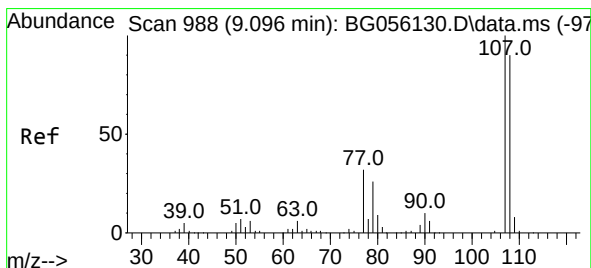
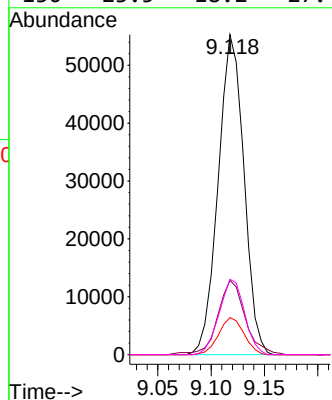
Upadhyay

01/13/2023

Supervised By :mohammad

ahmed

01/13/2023



#20

3+4-Methylphenols

Concen: 46.773 ng

RT: 9.076 min Scan# 985

Delta R.T. 0.002 min

Lab File: BG056267.D

Acq: 12 Jan 2023 13:51

Tgt Ion:107 Resp: 179462

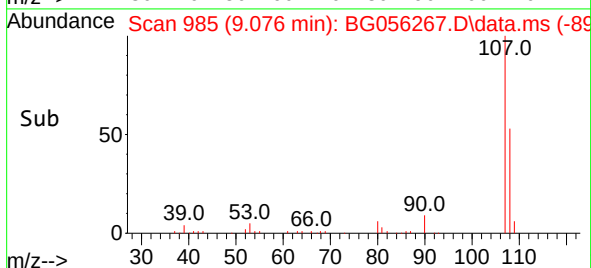
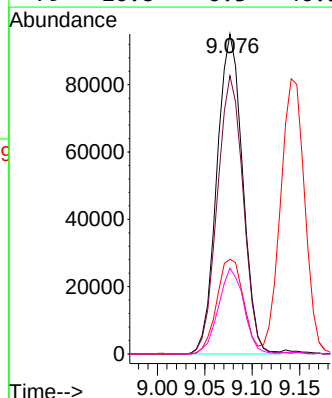
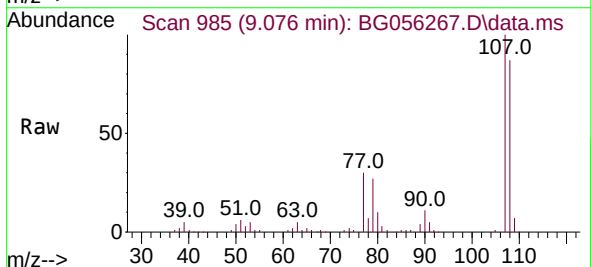
Ion Ratio Lower Upper

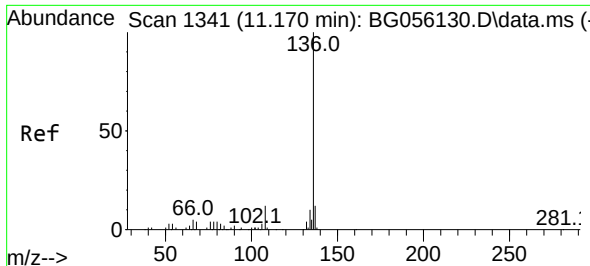
107 100

108 86.9 69.6 109.6

77 29.6 11.7 51.7

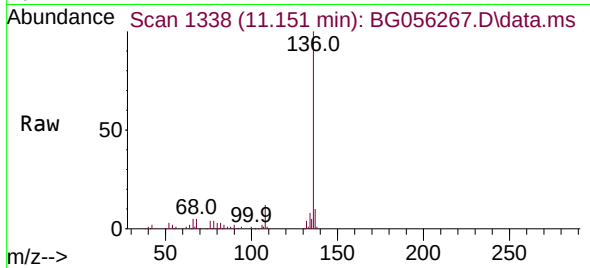
79 26.8 6.3 46.3





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.151 min Scan# 1341  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Instrument :  
BNA\_G  
ClientSampleId :

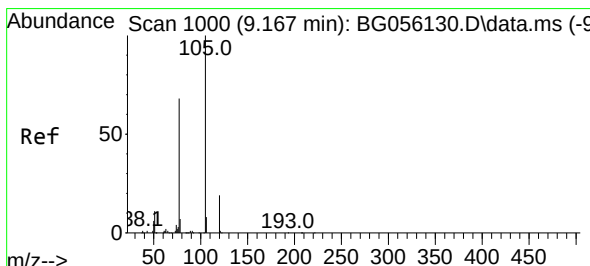
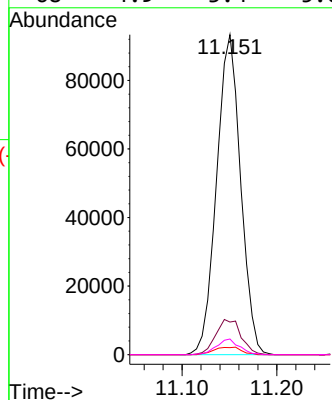


Tgt Ion:136 Resp: 164236  
Ion Ratio Lower Upper  
136 100  
137 10.2 9.4 14.0  
54 2.2 2.2 3.2  
68 4.9 3.4 5.0

Manual Integrations  
APPROVED

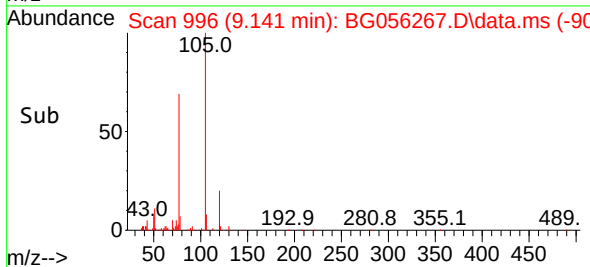
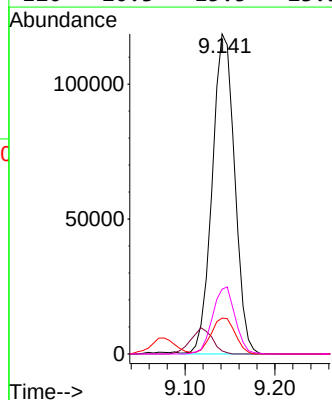
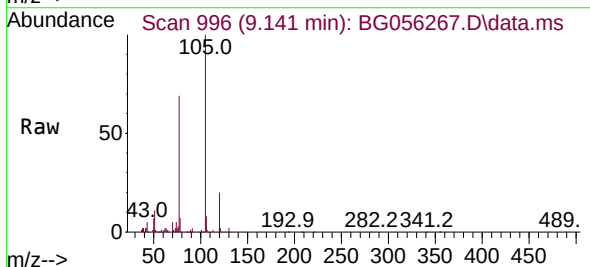
Reviewed By :Jagrut  
Upadhyay  
01/13/2023

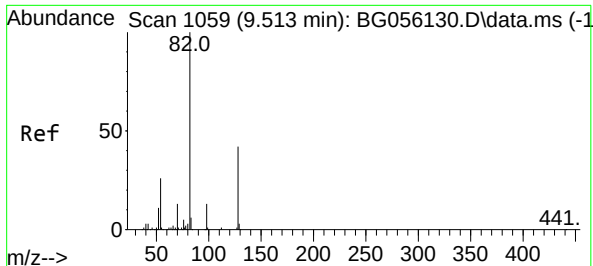
Supervised By :mohammad  
ahmed  
01/13/2023



#22  
Acetophenone  
Concen: 44.526 ng  
RT: 9.141 min Scan# 996  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Tgt Ion:105 Resp: 206770  
Ion Ratio Lower Upper  
105 100  
71 0.9 0.5 0.7#  
51 11.2 9.3 13.9  
120 20.3 15.5 23.3





#23

Nitrobenzene-d5

Concen: 75.845 ng

RT: 9.494 min Scan# 1056

Delta R.T. 0.002 min

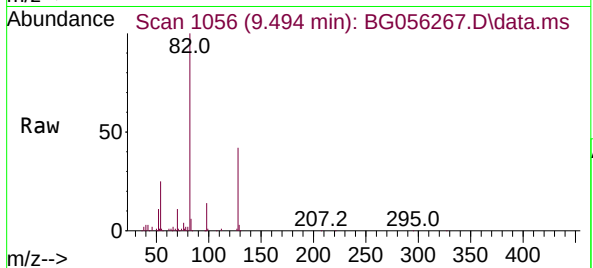
Lab File: BG056267.D

Acq: 12 Jan 2023 13:51

Instrument :

BNB\_G

ClientSampleId :

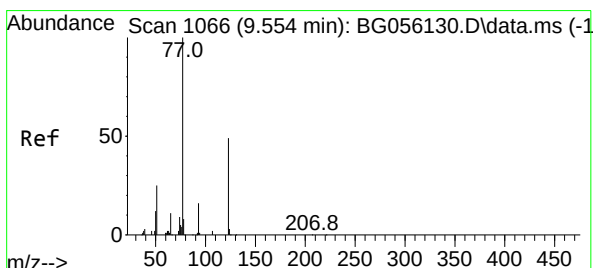
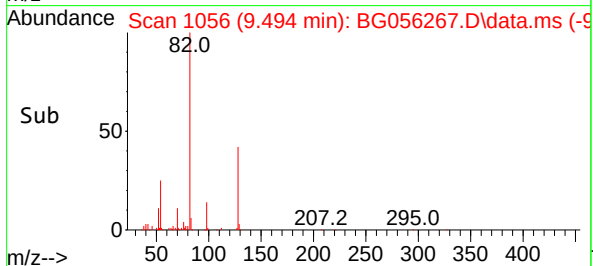
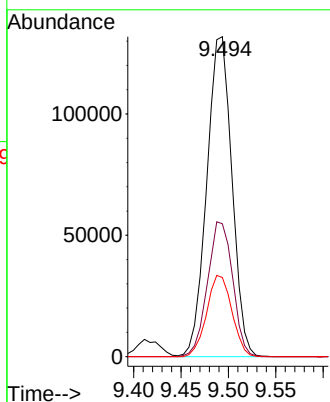


|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 82    | Resp: | 24352 |
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 128       | 41.5  | 33.4  | 50.2  |
| 54        | 24.7  | 20.3  | 30.5  |

Manual Integrations  
APPROVED

Reviewed By :Jagrut  
Upadhyay  
01/13/2023

Supervised By :mohammad  
ahmed  
01/13/2023



#24

Nitrobenzene

Concen: 44.224 ng

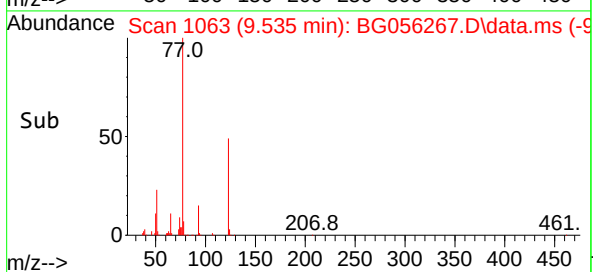
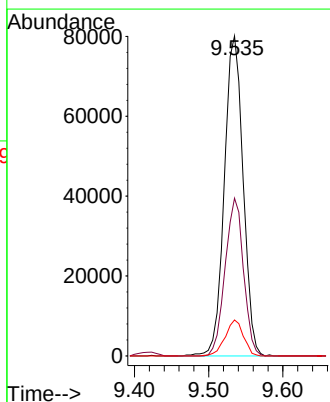
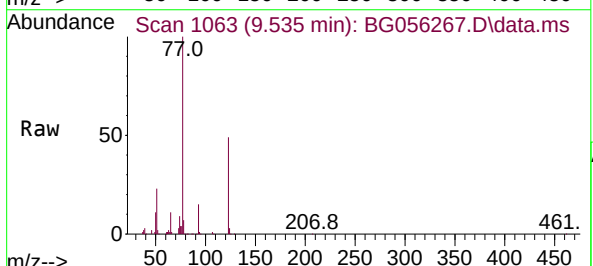
RT: 9.535 min Scan# 1063

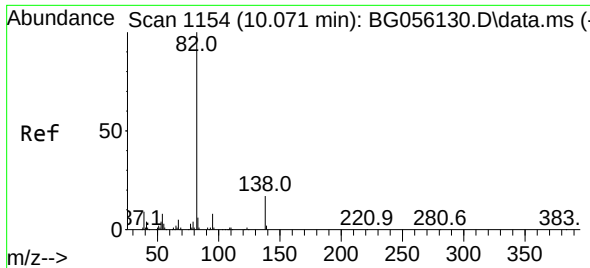
Delta R.T. 0.002 min

Lab File: BG056267.D

Acq: 12 Jan 2023 13:51

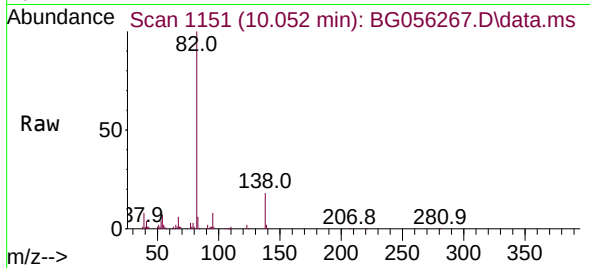
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 140716 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 49.3  | 38.8  | 58.2   |
| 65        | 11.2  | 9.1   | 13.7   |





#25  
Isophorone  
Concen: 40.978 ng  
RT: 10.052 min Scan# 1151  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Instrument :  
BNA\_G  
ClientSampleId :

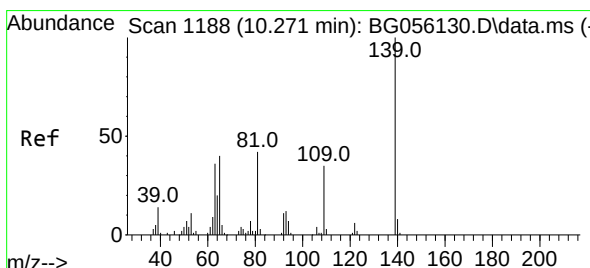
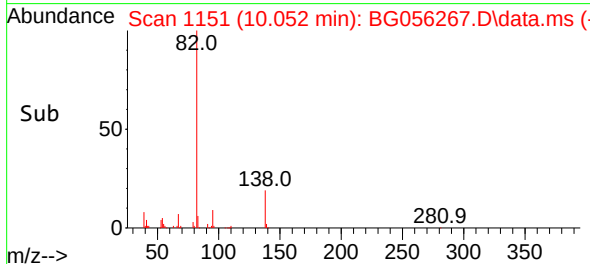
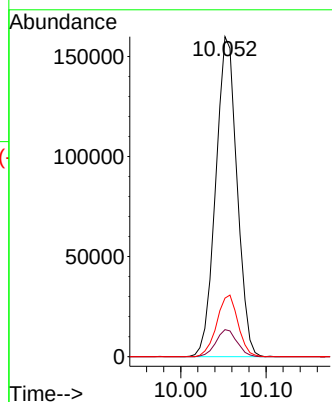


Tgt Ion: 82 Resp: 276827  
Ion Ratio Lower Upper  
82 100  
95 8.4 6.7 10.1  
138 18.3 13.7 20.5

Manual Integrations  
APPROVED

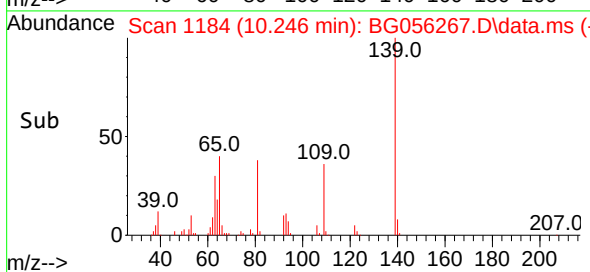
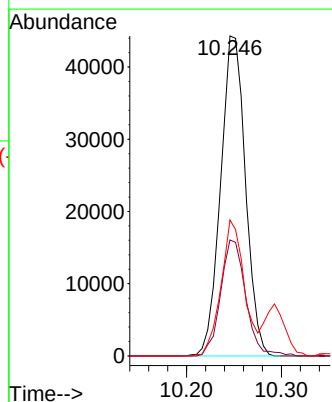
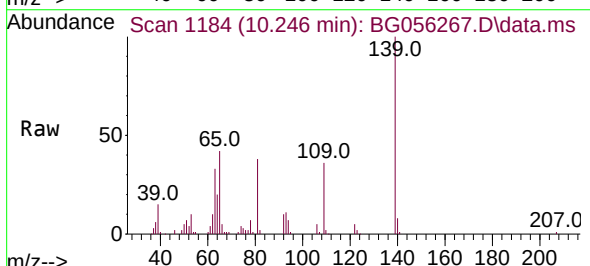
Reviewed By :Jagrut  
Upadhyay  
01/13/2023

Supervised By :mohammad  
ahmed  
01/13/2023

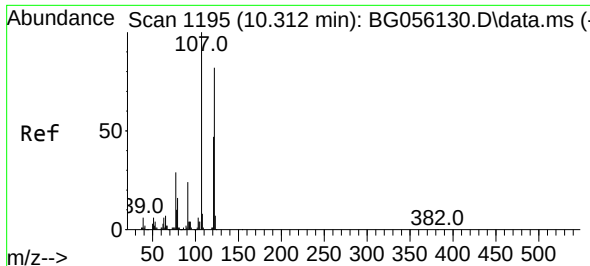


#26  
2-Nitrophenol  
Concen: 49.557 ng  
RT: 10.246 min Scan# 1184  
Delta R.T. -0.004 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Tgt Ion:139 Resp: 80679  
Ion Ratio Lower Upper  
139 100  
109 36.2 28.4 42.6  
65 42.5 32.1 48.1

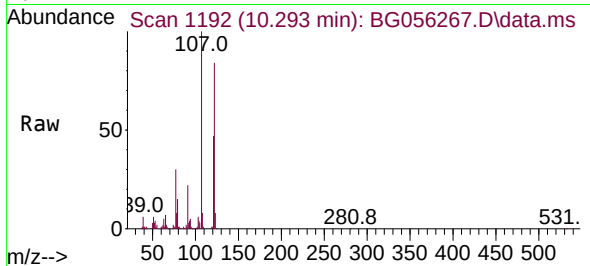






#27  
2,4-Dimethylphenol  
Concen: 49.198 ng  
RT: 10.293 min Scan# 1195  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Instrument :  
BNA\_G  
ClientSampleId :

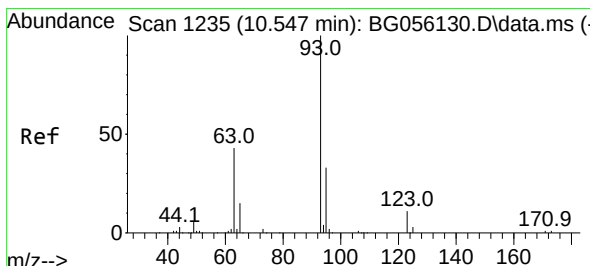
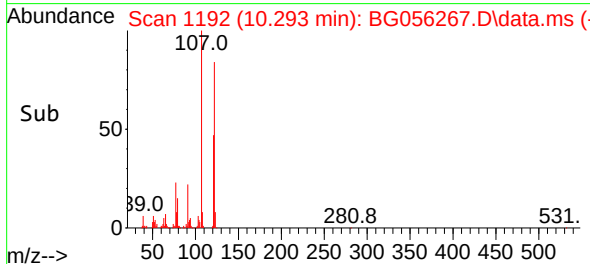
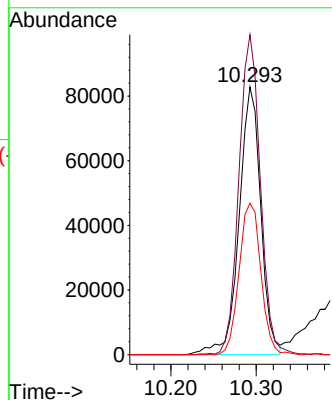


Tgt Ion:122 Resp: 146087  
Ion Ratio Lower Upper  
122 100  
107 119.5 97.5 146.3  
121 56.5 45.9 68.9

Manual Integrations  
APPROVED

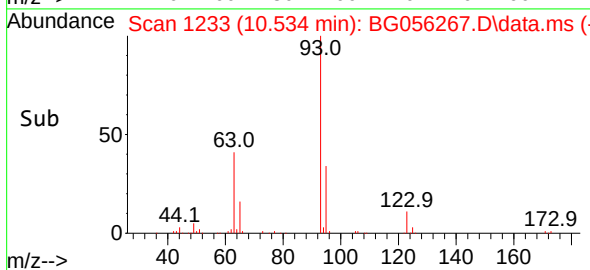
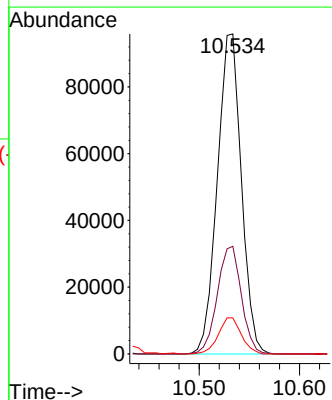
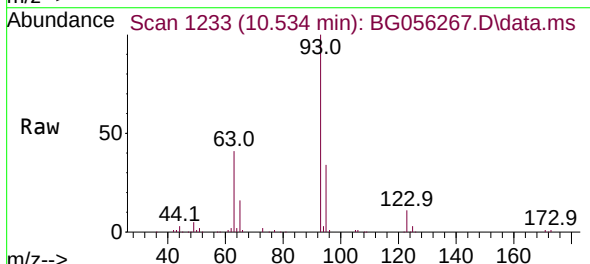
Reviewed By :Jagrut  
Upadhyay  
01/13/2023

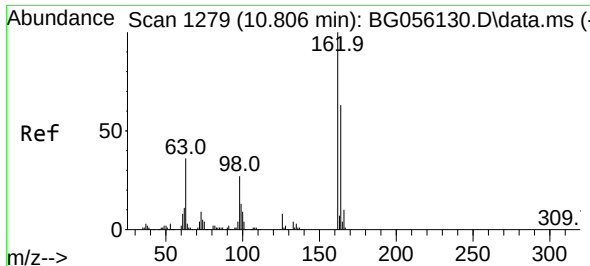
Supervised By :mohammad  
ahmed  
01/13/2023



#28  
bis(2-Chloroethoxy)methane  
Concen: 45.492 ng  
RT: 10.534 min Scan# 1233  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

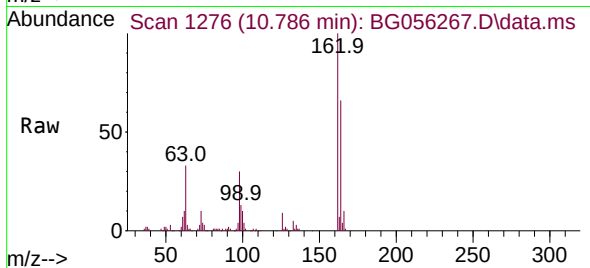
Tgt Ion: 93 Resp: 159729  
Ion Ratio Lower Upper  
93 100  
95 33.6 26.2 39.2  
123 11.2 9.0 13.6





#29  
2,4-Dichlorophenol  
Concen: 52.071 ng  
RT: 10.786 min Scan# 1279  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Instrument :  
BNA\_G  
ClientSampleId :

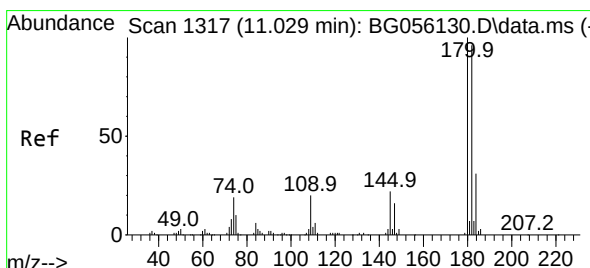
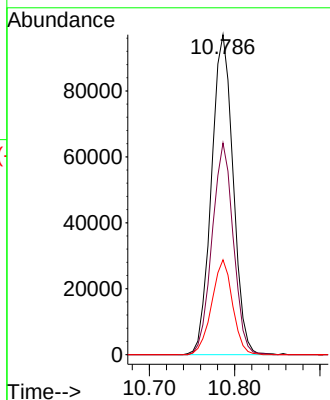
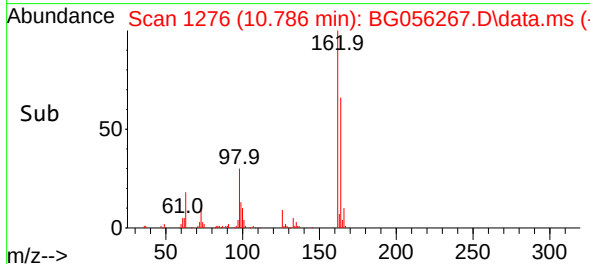


Tgt Ion:162 Resp: 170939  
Ion Ratio Lower Upper  
162 100  
164 66.1 43.3 83.3  
98 29.6 6.8 46.8

Manual Integrations  
APPROVED

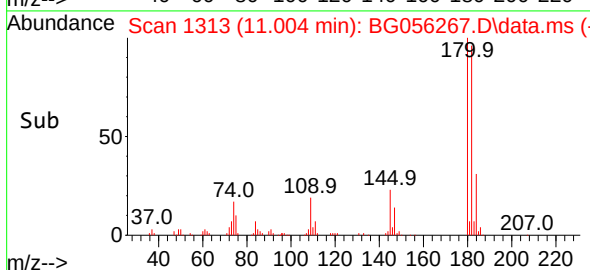
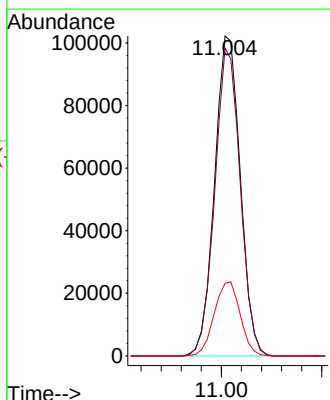
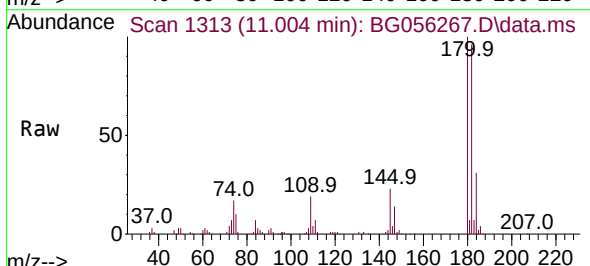
Reviewed By :Jagrut  
Upadhyay  
01/13/2023

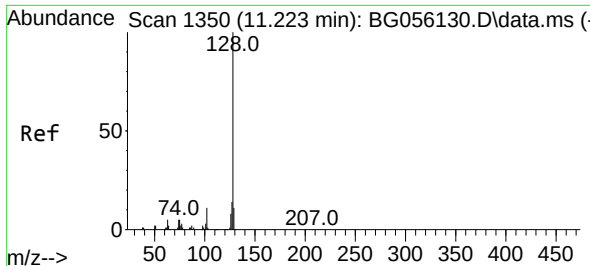
Supervised By :mohammad  
ahmed  
01/13/2023



#30  
1,2,4-Trichlorobenzene  
Concen: 48.738 ng  
RT: 11.004 min Scan# 1313  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

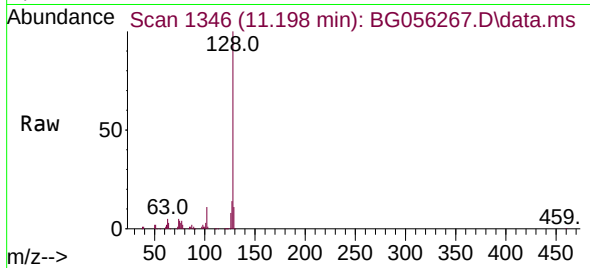
Tgt Ion:180 Resp: 181564  
Ion Ratio Lower Upper  
180 100  
182 96.2 77.0 115.4  
145 22.7 17.4 26.2





#31  
Naphthalene  
Concen: 46.017 ng  
RT: 11.198 min Scan# 1350  
Delta R.T. -0.004 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Instrument :  
BNA\_G  
ClientSampleId :

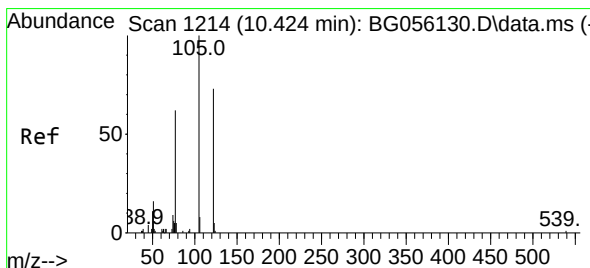
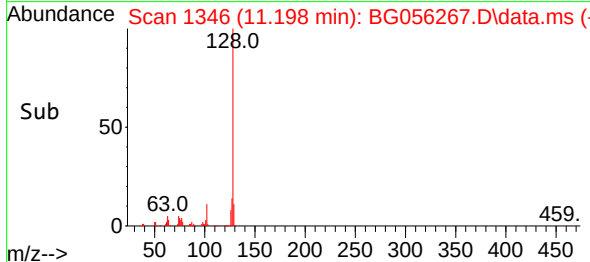
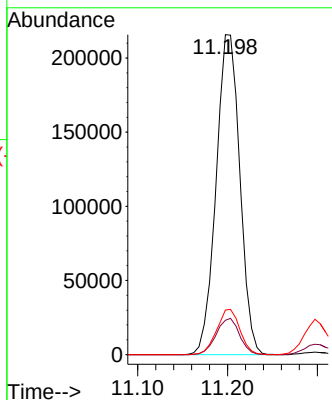


Tgt Ion:128 Resp: 397746  
Ion Ratio Lower Upper  
128 100  
129 10.7 8.9 13.3  
127 13.9 11.2 16.8

Manual Integrations  
APPROVED

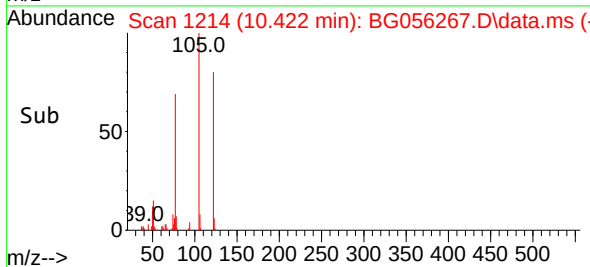
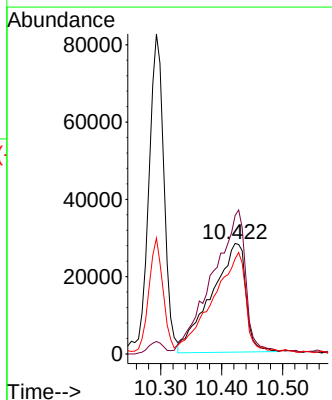
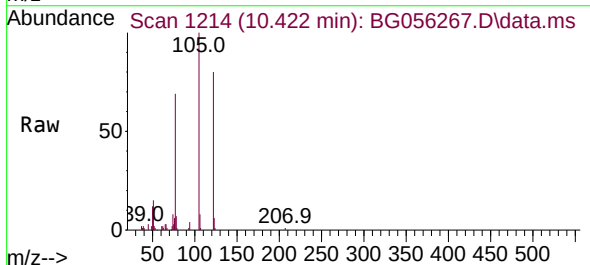
Reviewed By :Jagrut  
Upadhyay  
01/13/2023

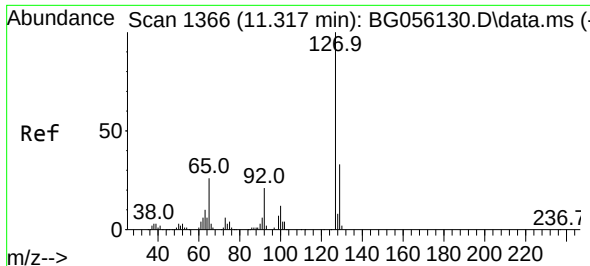
Supervised By :mohammad  
ahmed  
01/13/2023



#32  
Benzoic acid  
Concen: 50.041 ng  
RT: 10.422 min Scan# 1214  
Delta R.T. 0.008 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

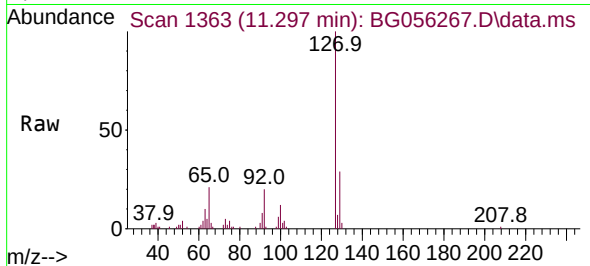
Tgt Ion:122 Resp: 110248  
Ion Ratio Lower Upper  
122 100  
105 125.3 109.0 149.0  
77 86.2 63.1 103.1





#33  
4-Chloroaniline  
Concen: 11.067 ng  
RT: 11.297 min Scan# 1366  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Instrument :  
BNA\_G  
ClientSampleId :

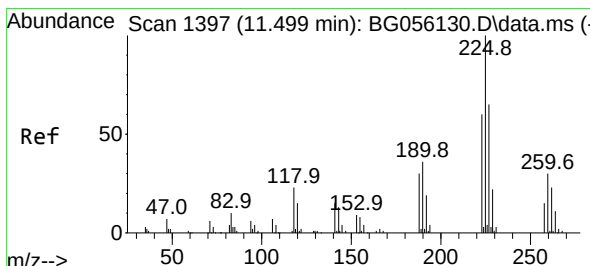
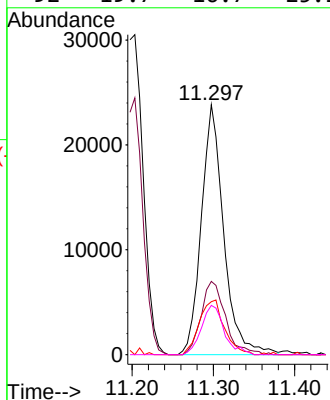
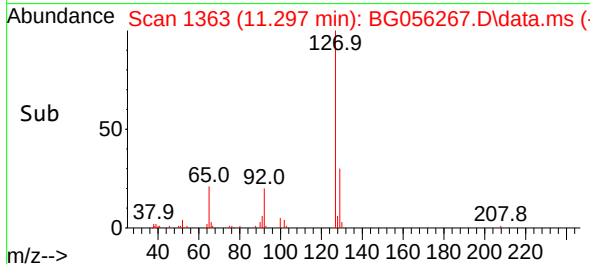


| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 29.3  | 26.1  | 39.1  |
| 65      | 21.2  | 20.9  | 31.3  |
| 92      | 19.7  | 16.7  | 25.1  |

Manual Integrations  
APPROVED

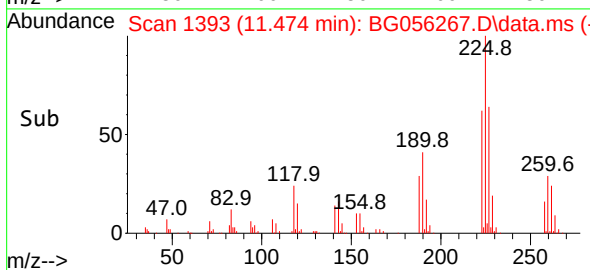
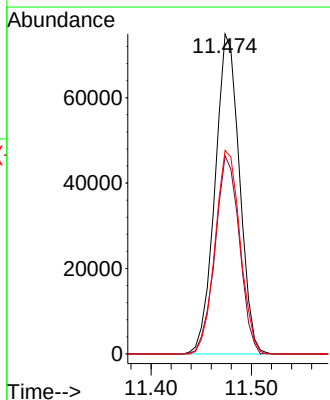
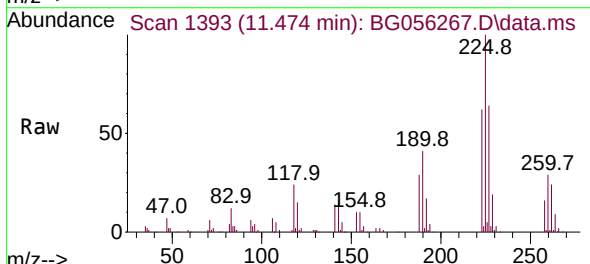
Reviewed By :Jagrut  
Upadhyay  
01/13/2023

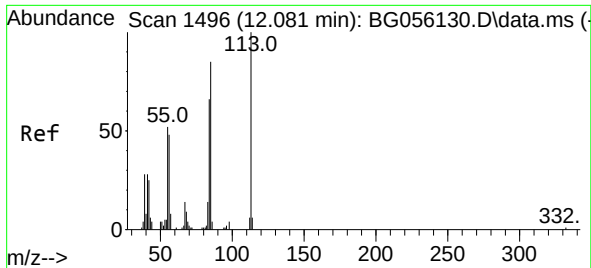
Supervised By :mohammad  
ahmed  
01/13/2023



#34  
Hexachlorobutadiene  
Concen: 47.315 ng  
RT: 11.474 min Scan# 1393  
Delta R.T. -0.004 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

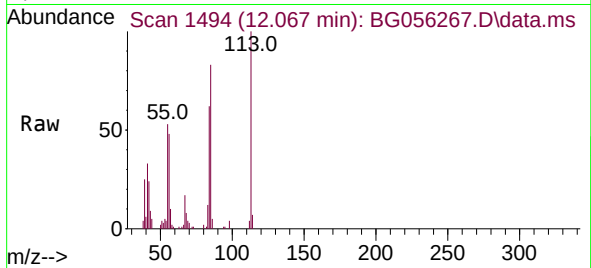
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.9  | 47.7  | 71.5  |
| 227     | 63.6  | 52.3  | 78.5  |





#35  
Caprolactam  
Concen: 48.078 ng m  
RT: 12.067 min Scan# 1496  
Delta R.T. 0.008 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Instrument :  
BNA\_G  
ClientSampleId :

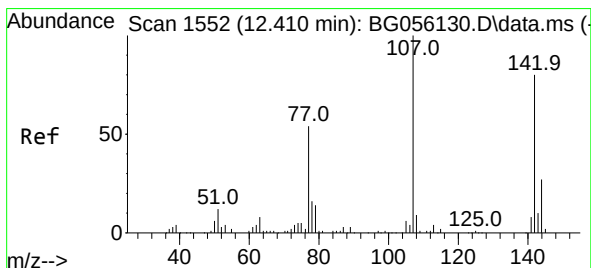
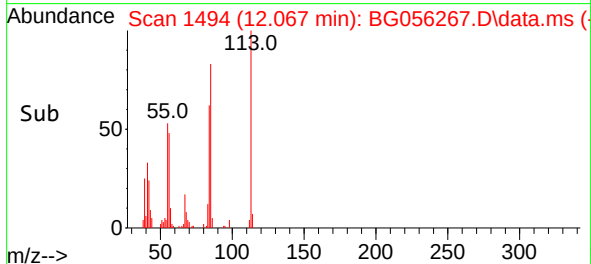
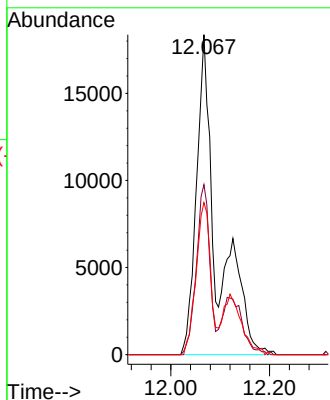


Tgt Ion:113 Resp: 53436  
Ion Ratio Lower Upper  
113 100  
55 53.1 31.9 71.9  
56 47.5 27.6 67.6

Manual Integrations  
APPROVED

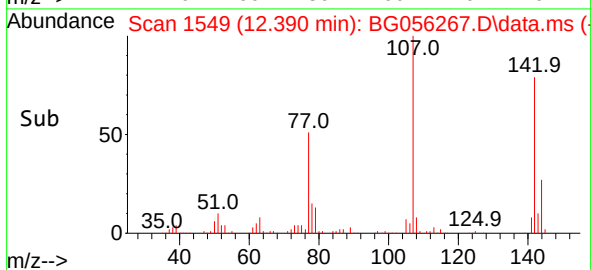
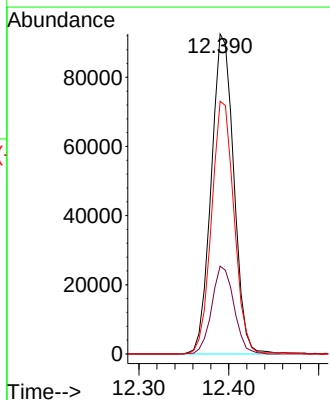
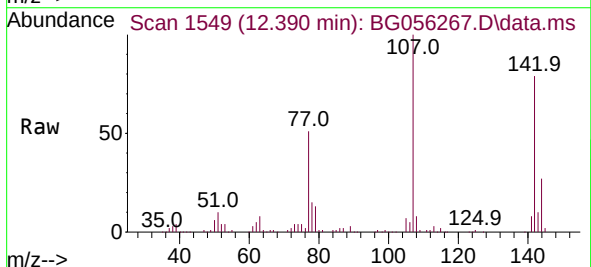
Reviewed By :Jagrut  
Upadhyay  
01/13/2023

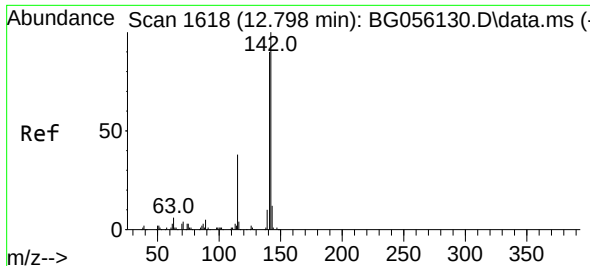
Supervised By :mohammad  
ahmed  
01/13/2023



#36  
4-Chloro-3-methylphenol  
Concen: 48.516 ng  
RT: 12.390 min Scan# 1549  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

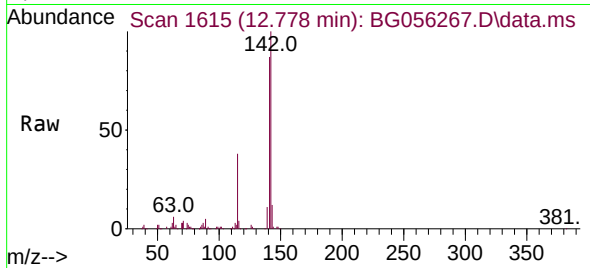
Tgt Ion:107 Resp: 161614  
Ion Ratio Lower Upper  
107 100  
144 27.4 21.5 32.3  
142 78.9 63.8 95.6





#37  
2-Methylnaphthalene  
Concen: 43.110 ng  
RT: 12.778 min Scan# 1615  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Instrument :  
BNA\_G  
ClientSampleId :

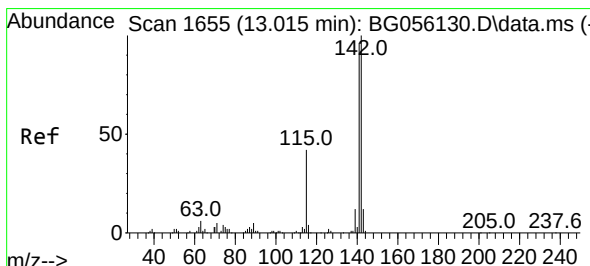
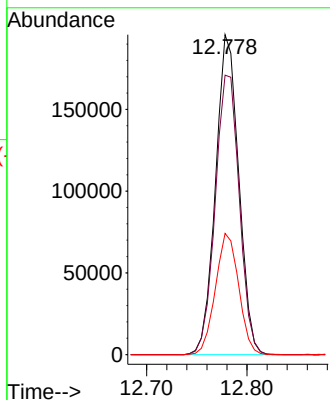


Tgt Ion:142 Resp: 314629  
Ion Ratio Lower Upper  
142 100  
141 87.3 72.2 108.4  
115 37.9 30.7 46.1

Manual Integrations  
APPROVED

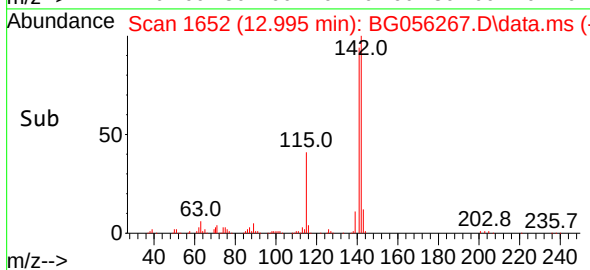
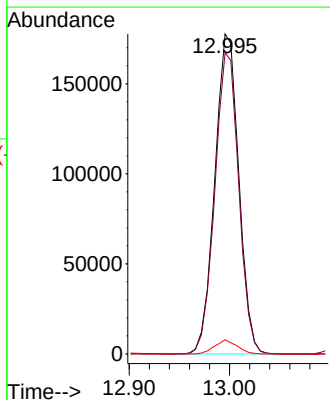
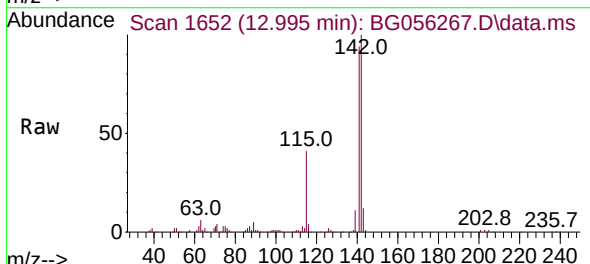
Reviewed By :Jagrut  
Upadhyay  
01/13/2023

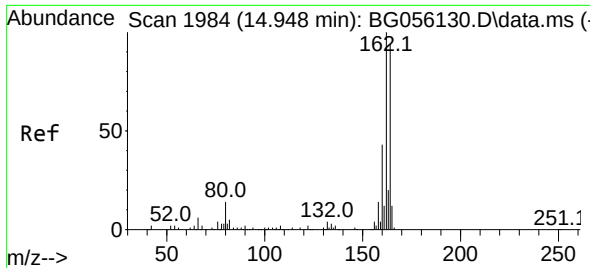
Supervised By :mohammad  
ahmed  
01/13/2023



#38  
1-Methylnaphthalene  
Concen: 43.501 ng  
RT: 12.995 min Scan# 1652  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

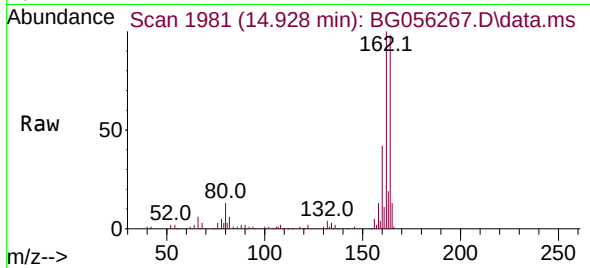
Tgt Ion:142 Resp: 294821  
Ion Ratio Lower Upper  
142 100  
141 94.1 77.0 115.6  
116 4.4 3.6 5.4





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.928 min Scan# 1984  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Instrument :  
BNA\_G  
ClientSampleId :

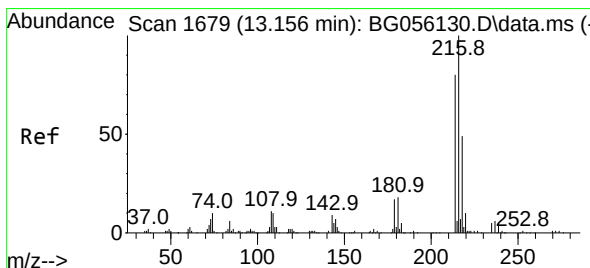
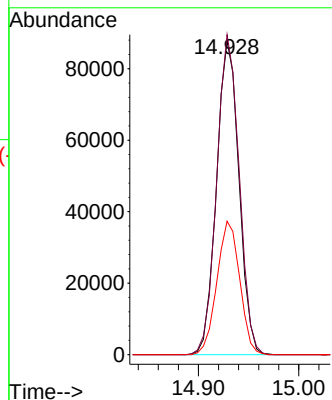


Tgt Ion:164 Resp: 136387  
Ion Ratio Lower Upper  
164 100  
162 102.1 84.7 127.1  
160 42.5 36.3 54.5

Manual Integrations  
APPROVED

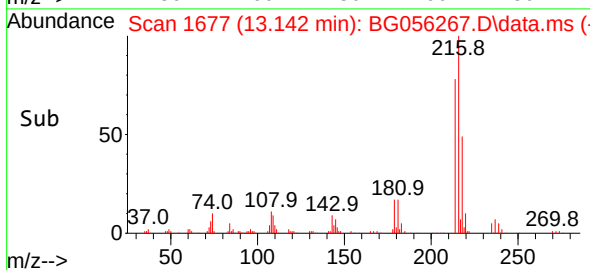
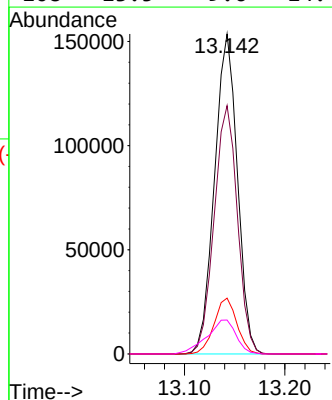
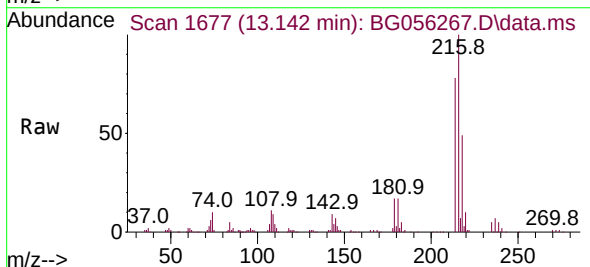
Reviewed By :Jagrut  
Upadhyay  
01/13/2023

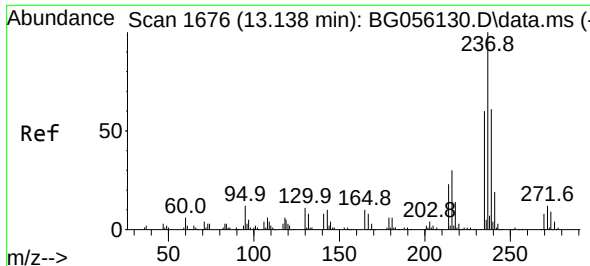
Supervised By :mohammad  
ahmed  
01/13/2023



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 47.564 ng  
RT: 13.142 min Scan# 1677  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

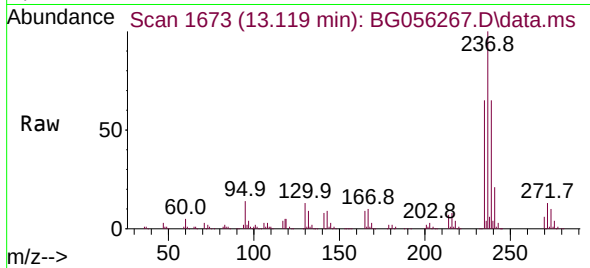
Tgt Ion:216 Resp: 243133  
Ion Ratio Lower Upper  
216 100  
214 79.0 63.4 95.0  
179 17.3 13.6 20.4  
108 13.5 9.6 14.4





#41  
Hexachlorocyclopentadiene  
Concen: 107.448 ng  
RT: 13.119 min Scan# 1673  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Instrument :  
BNA\_G  
ClientSampleId :

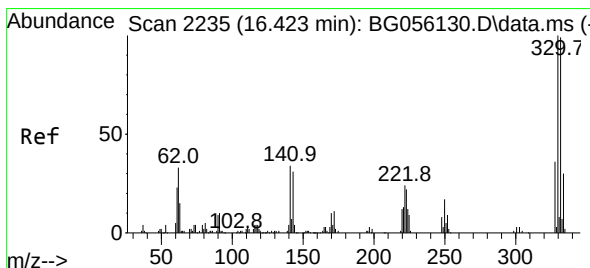
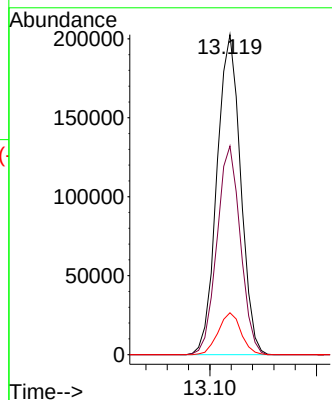
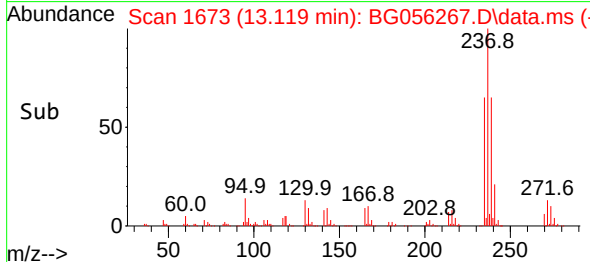


Tgt Ion:237 Resp: 313140  
Ion Ratio Lower Upper  
237 100  
235 65.2 40.3 80.3  
272 13.1 0.0 32.5

Manual Integrations  
APPROVED

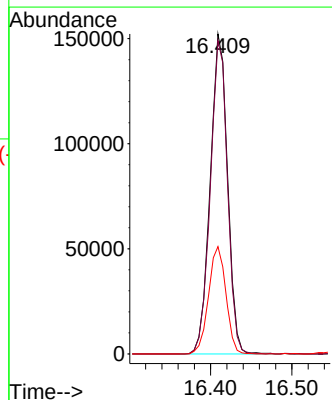
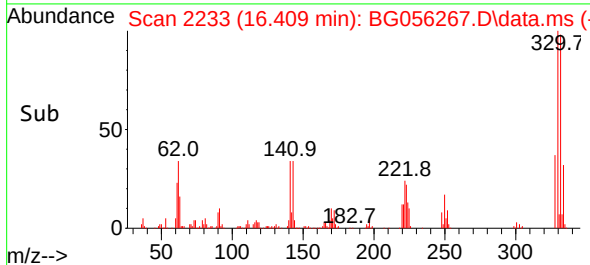
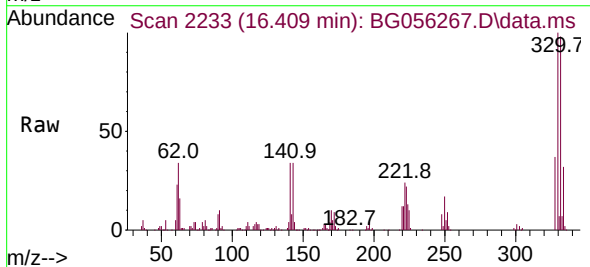
Reviewed By :Jagrut  
Upadhyay  
01/13/2023

Supervised By :mohammad  
ahmed  
01/13/2023

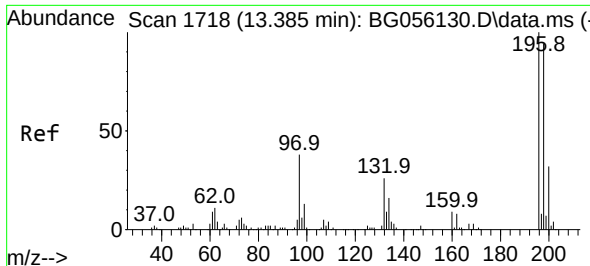


#42  
2,4,6-Tribromophenol  
Concen: 130.617 ng  
RT: 16.409 min Scan# 2233  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Tgt Ion:330 Resp: 225618  
Ion Ratio Lower Upper  
330 100  
332 96.6 77.3 115.9  
141 33.6 27.9 41.9

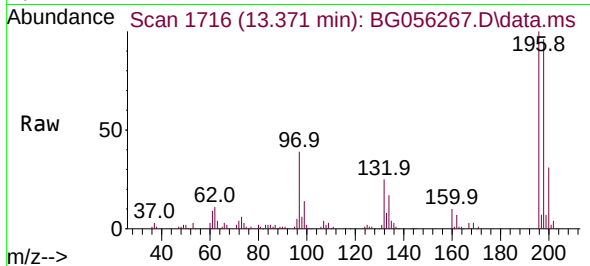






#43  
2,4,6-Trichlorophenol  
Concen: 50.792 ng  
RT: 13.371 min Scan# 1716  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Instrument :  
BNA\_G  
ClientSampleId :

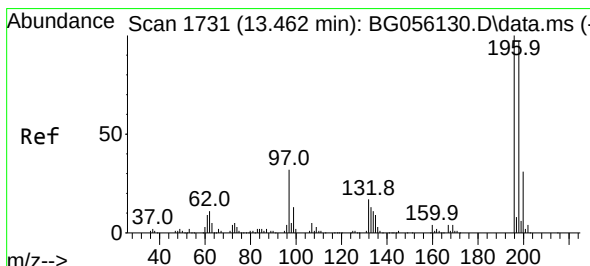
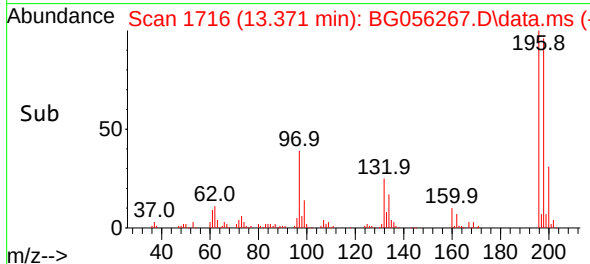
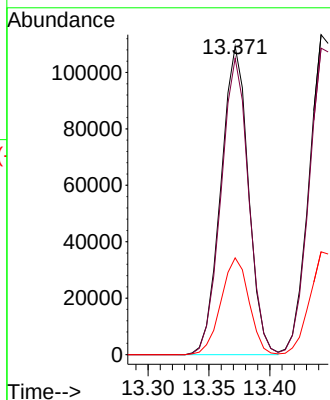


Tgt Ion:196 Resp: 171682  
Ion Ratio Lower Upper  
196 100  
198 96.1 75.5 113.3  
200 31.4 25.7 38.5

Manual Integrations  
APPROVED

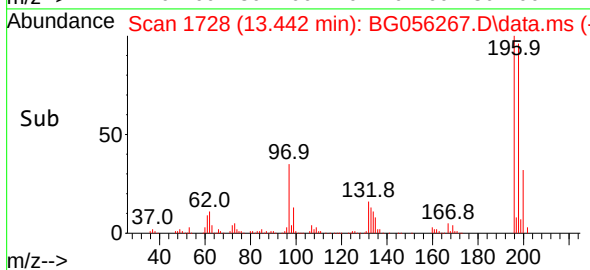
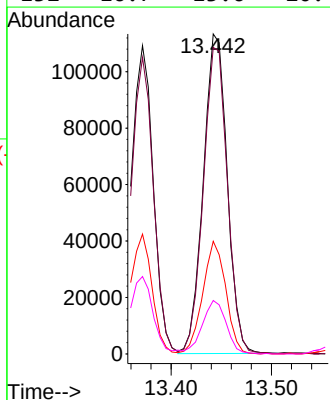
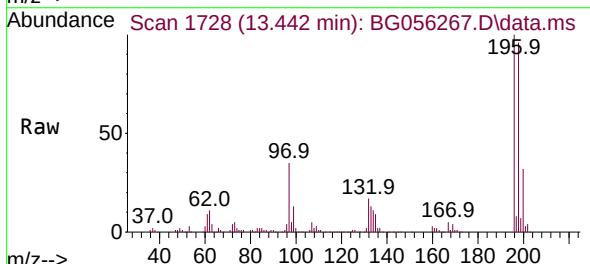
Reviewed By :Jagrut  
Upadhyay  
01/13/2023

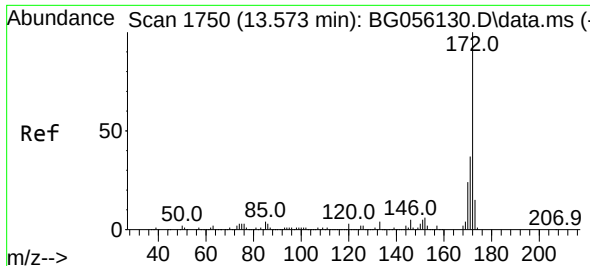
Supervised By :mohammad  
ahmed  
01/13/2023



#44  
2,4,5-Trichlorophenol  
Concen: 46.875 ng  
RT: 13.442 min Scan# 1728  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

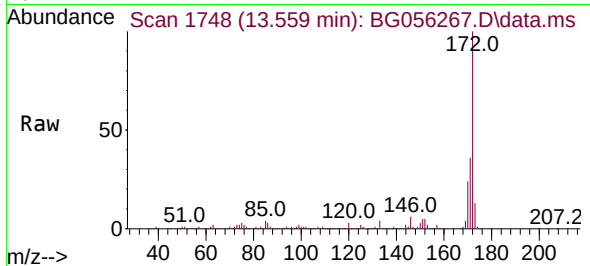
Tgt Ion:196 Resp: 187426  
Ion Ratio Lower Upper  
196 100  
198 95.8 78.0 117.0  
97 35.2 25.7 38.5  
132 16.7 13.6 20.4





#45  
2-Fluorobiphenyl  
Concen: 76.544 ng  
RT: 13.559 min Scan# 1750  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Instrument :  
BNA\_G  
ClientSampleId :

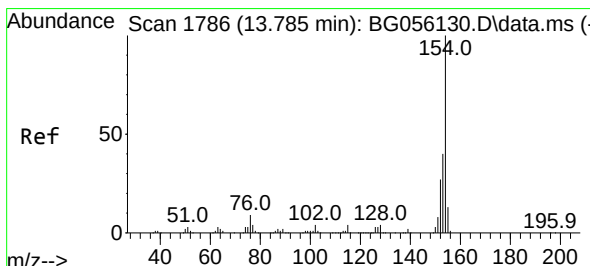
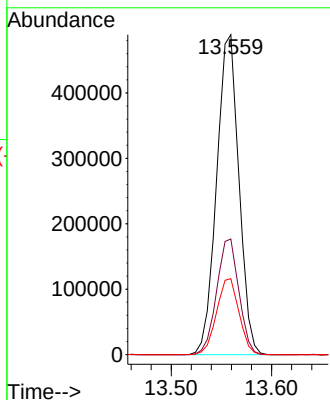
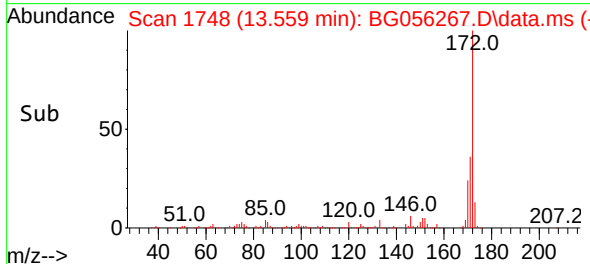


Tgt Ion:172 Resp: 756000  
Ion Ratio Lower Upper  
172 100  
171 36.2 29.6 44.4  
170 23.7 19.4 29.2

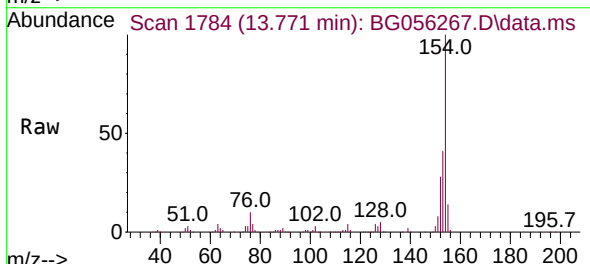
Manual Integrations  
APPROVED

Reviewed By :Jagrut  
Upadhyay  
01/13/2023

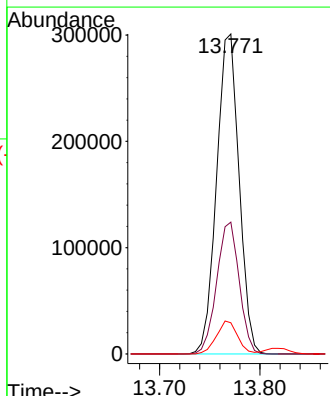
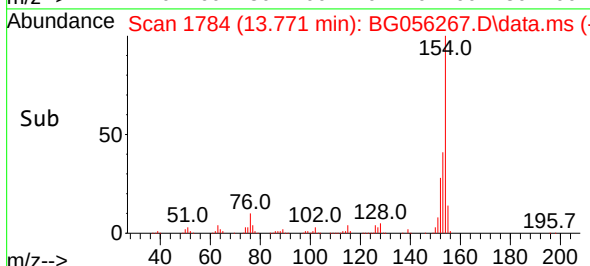
Supervised By :mohammad  
ahmed  
01/13/2023

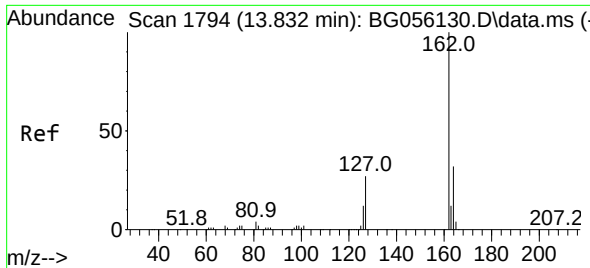


#46  
1,1'-Biphenyl  
Concen: 48.001 ng  
RT: 13.771 min Scan# 1784  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51



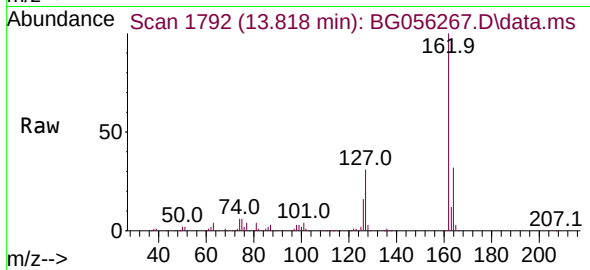
Tgt Ion:154 Resp: 468854  
Ion Ratio Lower Upper  
154 100  
153 41.2 20.0 60.0  
76 9.7 0.0 29.3





#47  
2-Chloronaphthalene  
Concen: 48.679 ng  
RT: 13.818 min Scan# 1792  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Instrument :  
BNA\_G  
ClientSampleId :

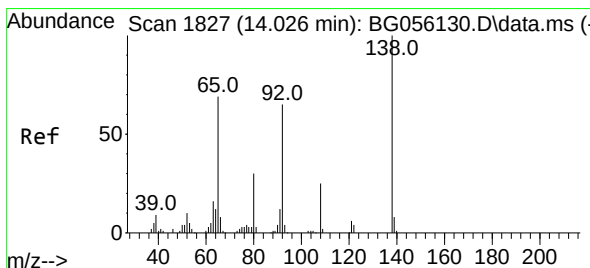
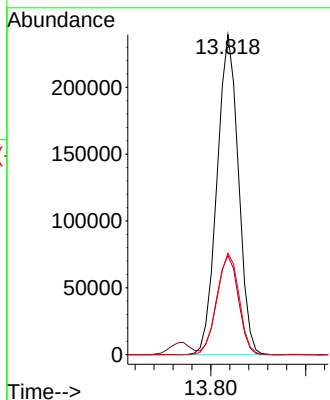
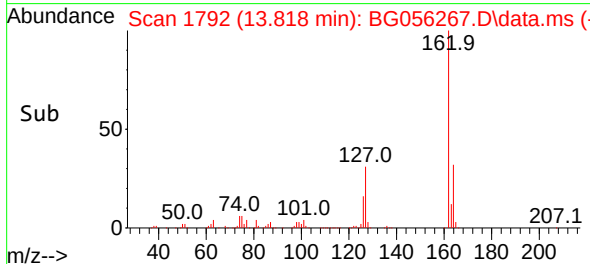


Tgt Ion:162 Resp: 375304  
Ion Ratio Lower Upper  
162 100  
127 30.9 24.6 36.8  
164 31.7 25.8 38.8

Manual Integrations  
APPROVED

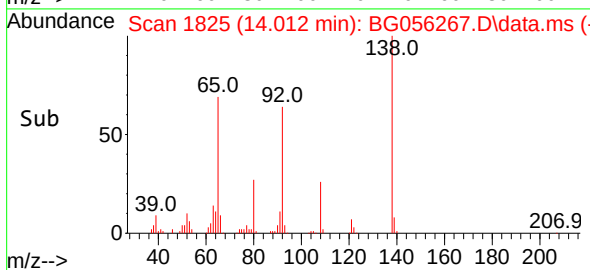
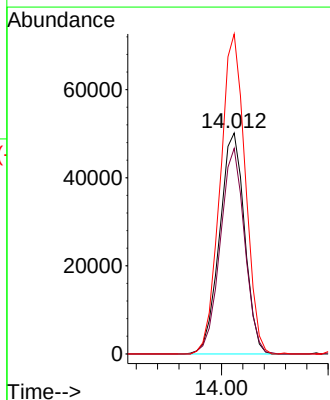
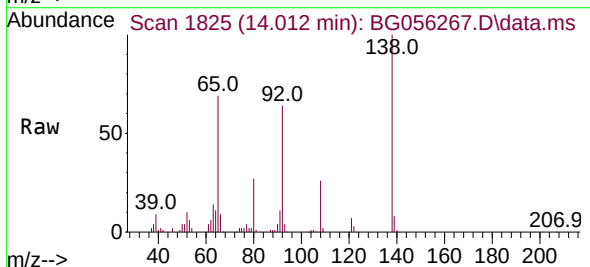
Reviewed By :Jagrut  
Upadhyay  
01/13/2023

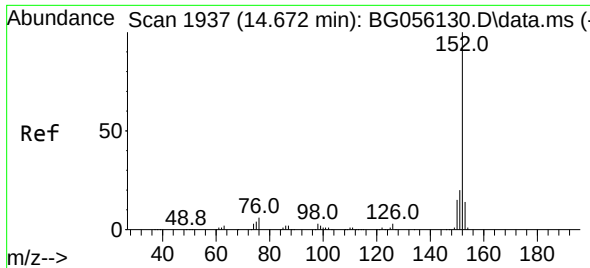
Supervised By :mohammad  
ahmed  
01/13/2023



#48  
2-Nitroaniline  
Concen: 49.659 ng  
RT: 14.012 min Scan# 1825  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

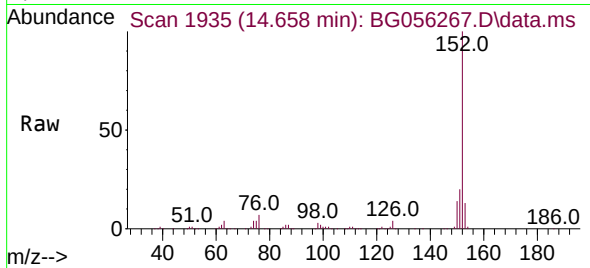
Tgt Ion: 65 Resp: 81573  
Ion Ratio Lower Upper  
65 100  
92 93.0 76.0 114.0  
138 144.8 116.6 174.8





#49  
Acenaphthylene  
Concen: 46.368 ng  
RT: 14.658 min Scan# 1935  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Instrument :  
BNA\_G  
ClientSampleId :

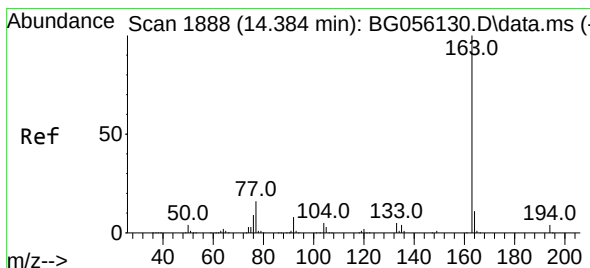
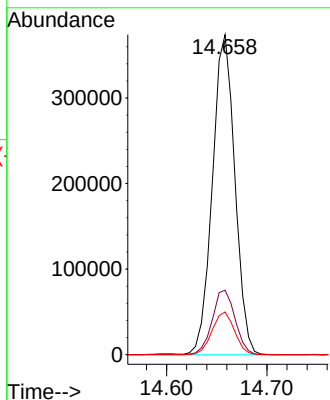
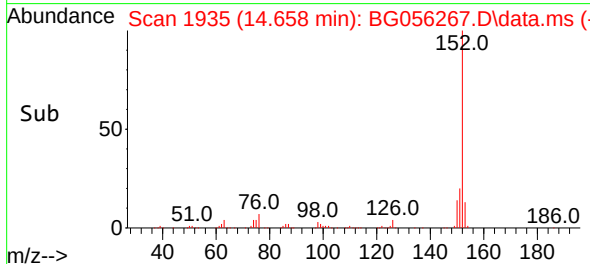


Tgt Ion:152 Resp: 581738  
Ion Ratio Lower Upper  
152 100  
151 20.1 16.0 24.0  
153 13.3 11.0 16.6

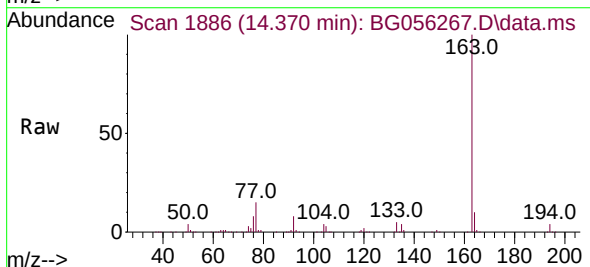
Manual Integrations  
APPROVED

Reviewed By :Jagrut  
Upadhyay  
01/13/2023

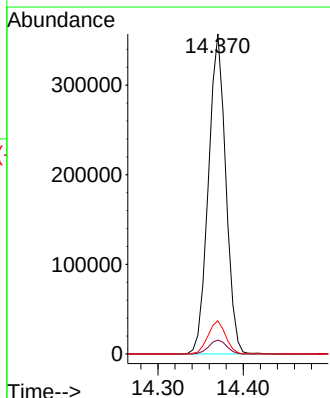
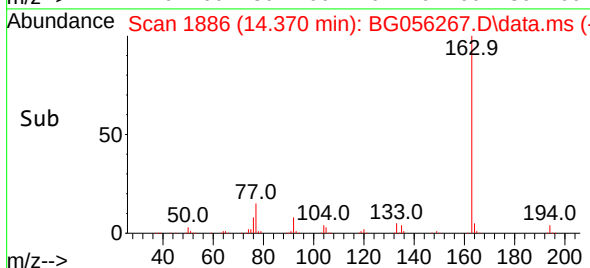
Supervised By :mohammad  
ahmed  
01/13/2023

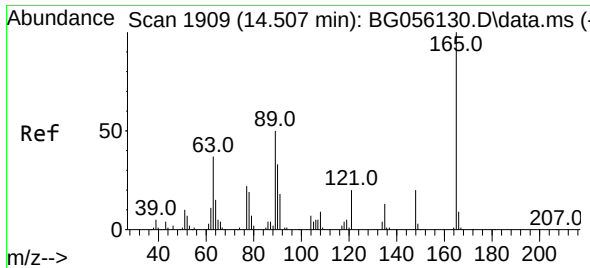


#50  
Dimethylphthalate  
Concen: 45.852 ng  
RT: 14.370 min Scan# 1886  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51



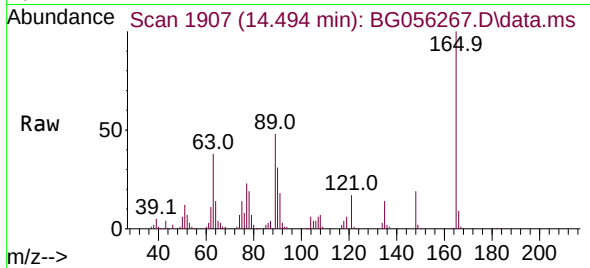
Tgt Ion:163 Resp: 504835  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.5 5.3  
164 10.4 8.7 13.1





#51  
2,6-Dinitrotoluene  
Concen: 47.537 ng  
RT: 14.494 min Scan# 1907  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Instrument :  
BNA\_G  
ClientSampleId :

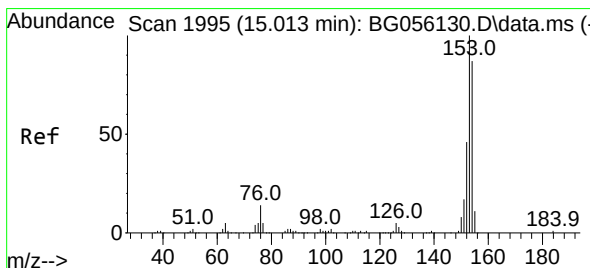
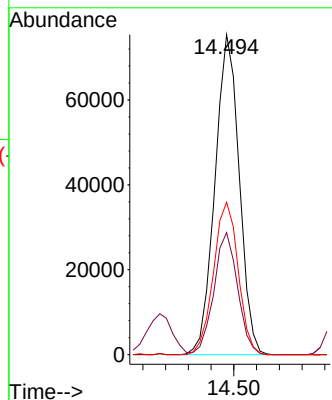
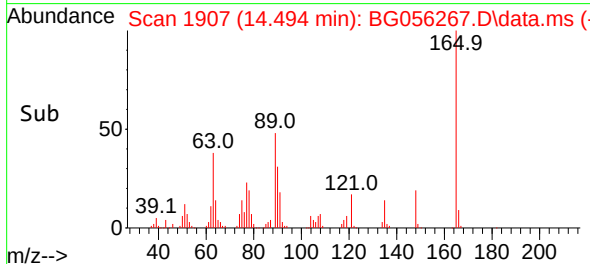


Tgt Ion:165 Resp: 111523  
Ion Ratio Lower Upper  
165 100  
63 38.1 32.2 48.2  
89 47.6 39.8 59.8

Manual Integrations  
APPROVED

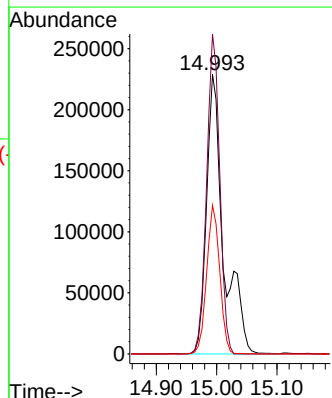
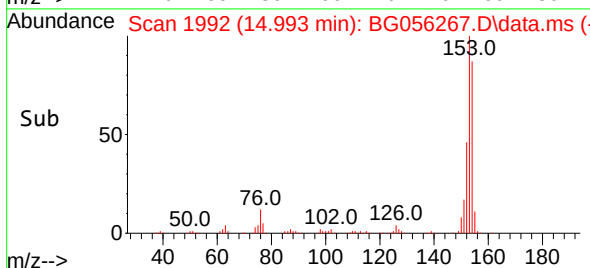
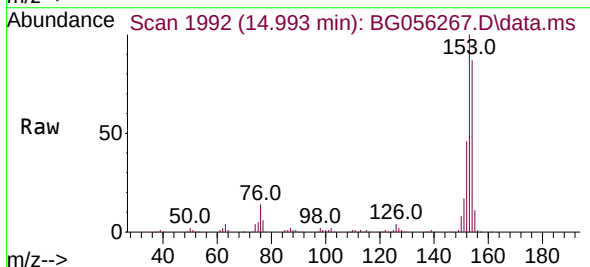
Reviewed By :Jagrut  
Upadhyay  
01/13/2023

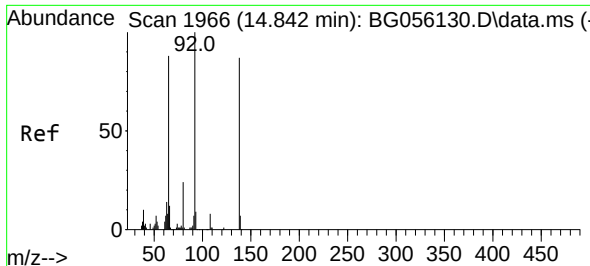
Supervised By :mohammad  
ahmed  
01/13/2023



#52  
Acenaphthene  
Concen: 55.338 ng m  
RT: 14.993 min Scan# 1992  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

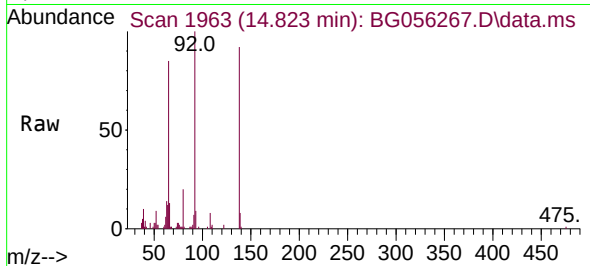
Tgt Ion:154 Resp: 451553  
Ion Ratio Lower Upper  
154 100  
153 114.5 92.0 138.0  
152 53.2 42.5 63.7





#53  
3-Nitroaniline  
Concen: 18.636 ng  
RT: 14.823 min Scan# 1963  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Instrument :  
BNA\_G  
ClientSampleId :

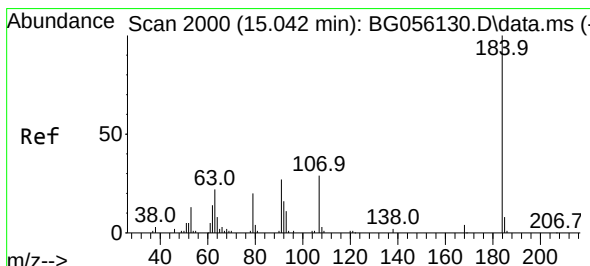
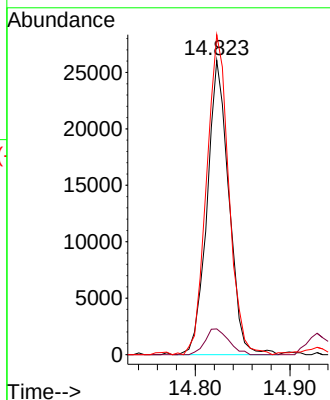
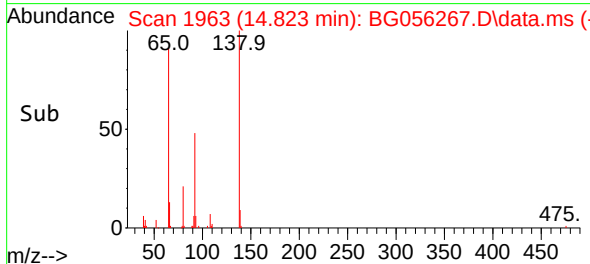


Tgt Ion:138 Resp: 41610  
Ion Ratio Lower Upper  
138 100  
108 8.7 7.6 11.4  
92 108.7 91.7 137.5

Manual Integrations  
APPROVED

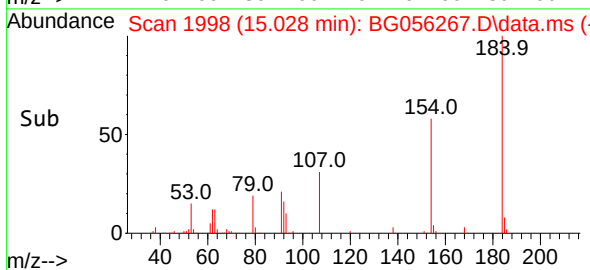
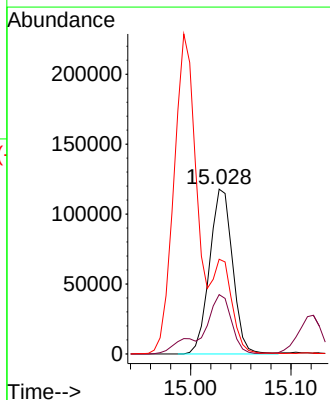
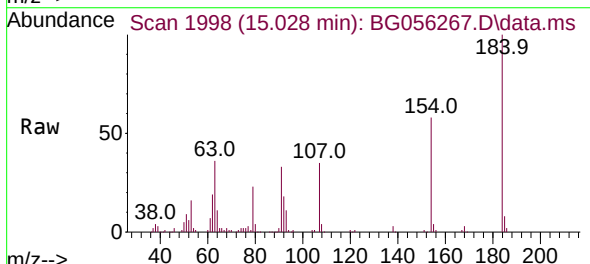
Reviewed By :Jagrut  
Upadhyay  
01/13/2023

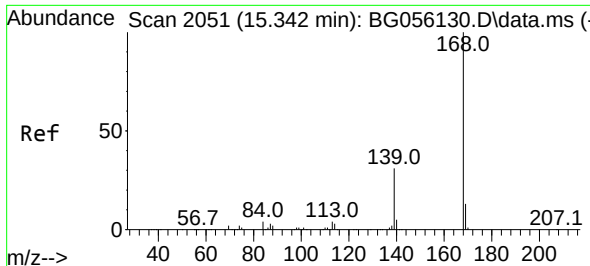
Supervised By :mohammad  
ahmed  
01/13/2023



#54  
2,4-Dinitrophenol  
Concen: 112.349 ng  
RT: 15.028 min Scan# 1998  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

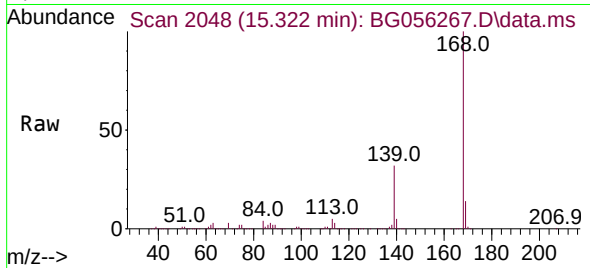
Tgt Ion:184 Resp: 188295  
Ion Ratio Lower Upper  
184 100  
63 36.0 24.0 36.0  
154 57.5 45.4 68.0





#55  
Dibenzenofuran  
Concen: 46.025 ng  
RT: 15.322 min Scan# 2051  
Delta R.T. -0.004 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Instrument :  
BNA\_G  
ClientSampleId :

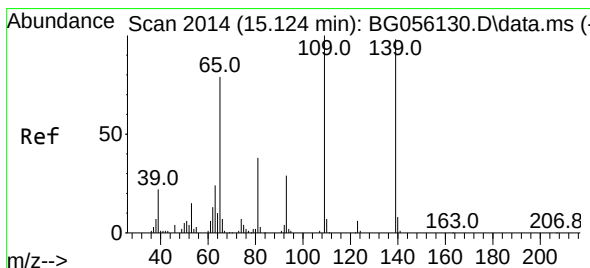
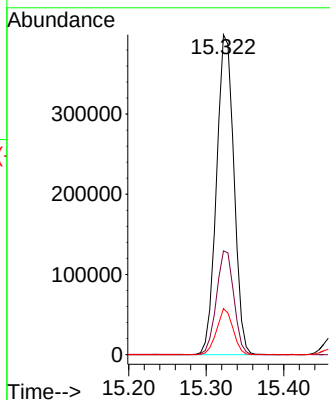
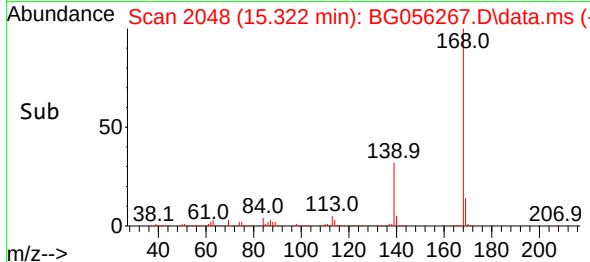


Tgt Ion:168 Resp: 621491  
Ion Ratio Lower Upper  
168 100  
139 32.4 24.7 37.1  
169 14.4 10.3 15.5

Manual Integrations  
APPROVED

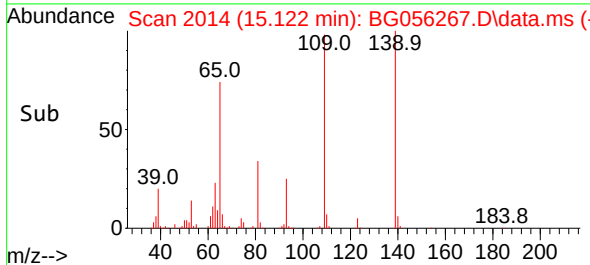
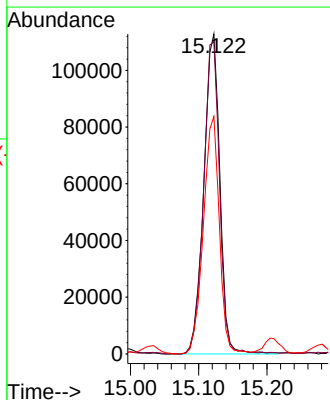
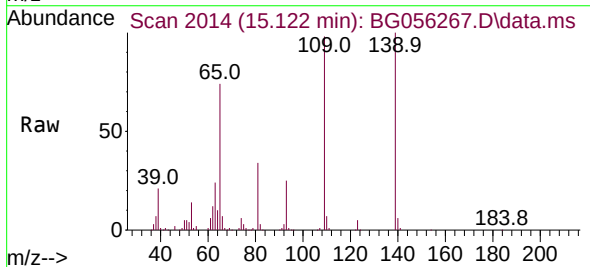
Reviewed By :Jagrut  
Upadhyay  
01/13/2023

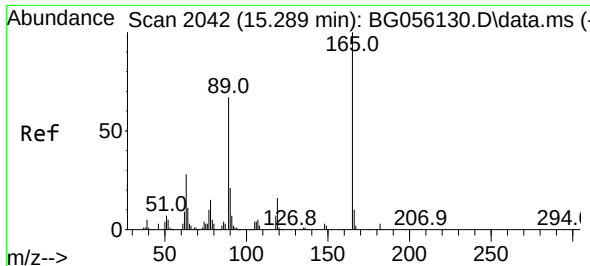
Supervised By :mohammad  
ahmed  
01/13/2023



#56  
4-Nitrophenol  
Concen: 107.784 ng  
RT: 15.122 min Scan# 2014  
Delta R.T. 0.014 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

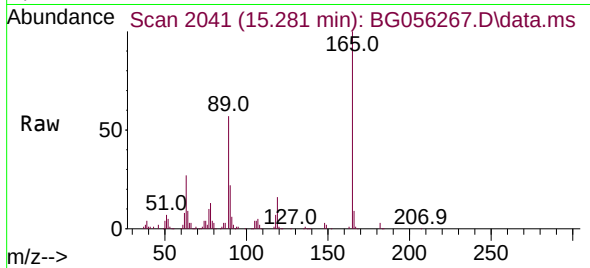
Tgt Ion:139 Resp: 185084  
Ion Ratio Lower Upper  
139 100  
109 97.5 82.2 122.2  
65 74.2 60.6 100.6





#57  
2,4-Dinitrotoluene  
Concen: 49.052 ng  
RT: 15.281 min Scan# 2041  
Delta R.T. 0.008 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Instrument :  
BNA\_G  
ClientSampleId :

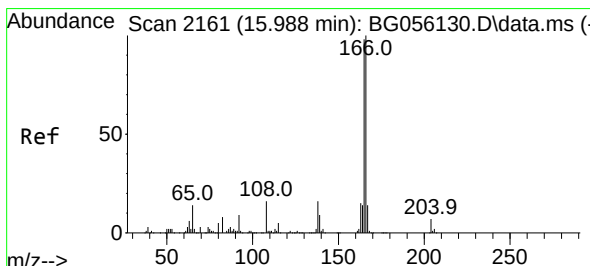
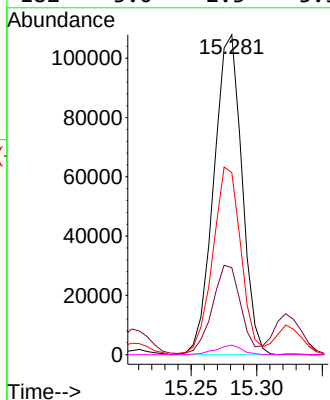
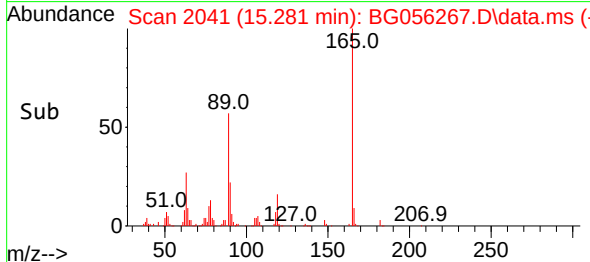


Tgt Ion:165 Resp: 160937  
Ion Ratio Lower Upper  
165 100  
63 27.2 22.6 34.0  
89 56.9 53.2 79.8  
182 3.0 2.3 3.5

Manual Integrations  
APPROVED

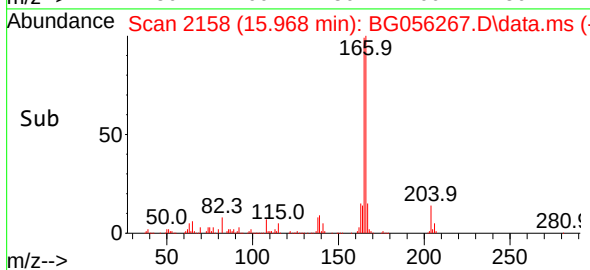
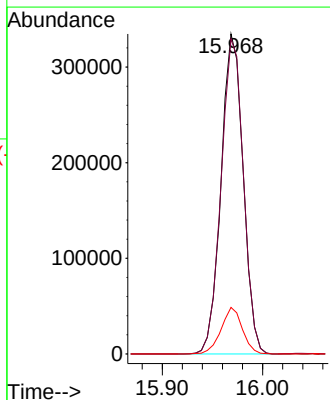
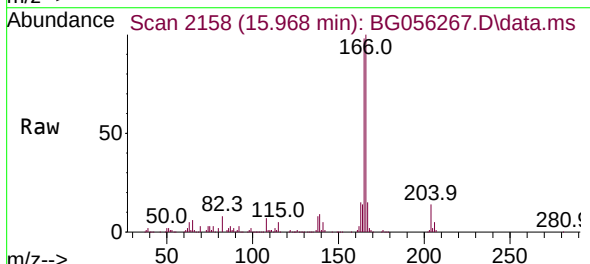
Reviewed By :Jagrut  
Upadhyay  
01/13/2023

Supervised By :mohammad  
ahmed  
01/13/2023

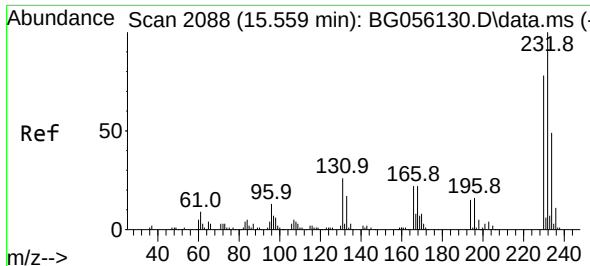


#58  
Fluorene  
Concen: 47.198 ng  
RT: 15.968 min Scan# 2158  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Tgt Ion:166 Resp: 512611  
Ion Ratio Lower Upper  
166 100  
165 98.4 78.6 118.0  
167 14.6 11.1 16.7





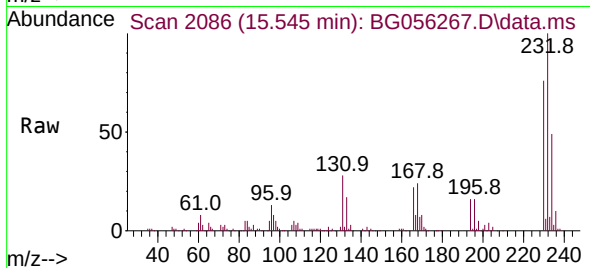


#59  
2,3,4,6-Tetrachlorophenol  
Concen: 51.057 ng m  
RT: 15.545 min Scan# 2086  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Instrument :

BNA\_G

ClientSampleId :



Tgt Ion:232 Resp: 191682  
Ion Ratio Lower Upper  
232 100  
131 25.0 21.4 32.2  
130 1.8 1.4 2.0  
166 17.7 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Jagrut

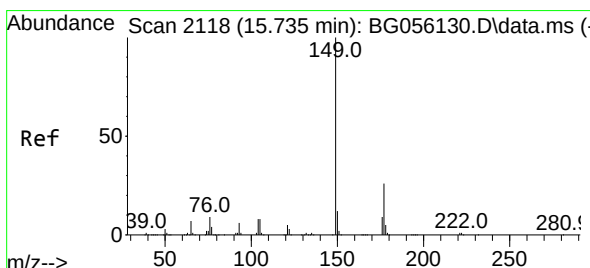
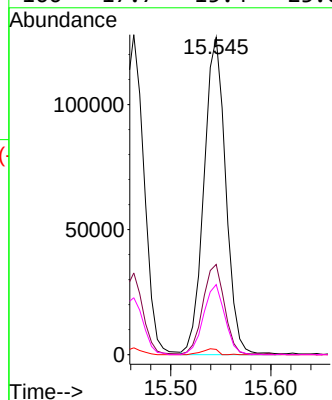
Upadhyay

01/13/2023

Supervised By :mohammad

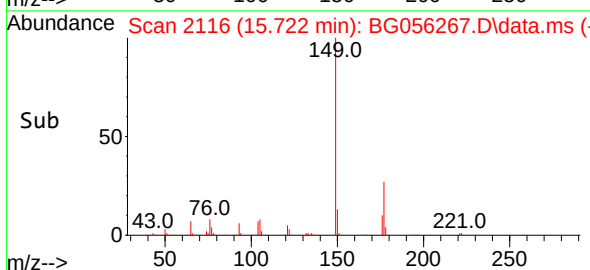
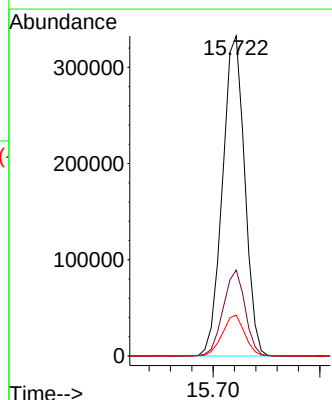
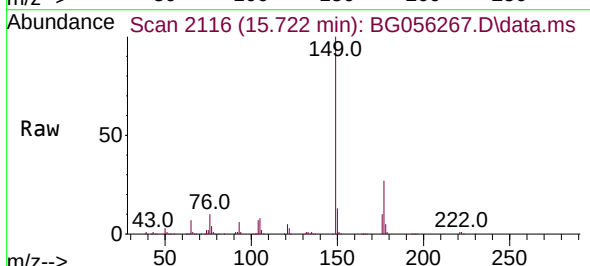
ahmed

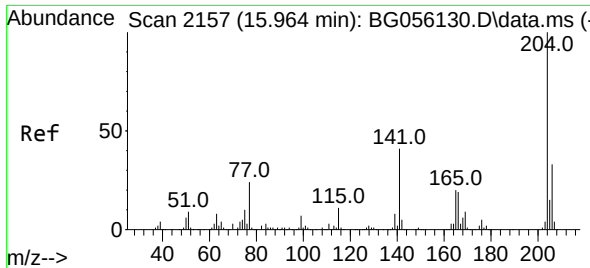
01/13/2023



#60  
Diethylphthalate  
Concen: 46.564 ng  
RT: 15.722 min Scan# 2116  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

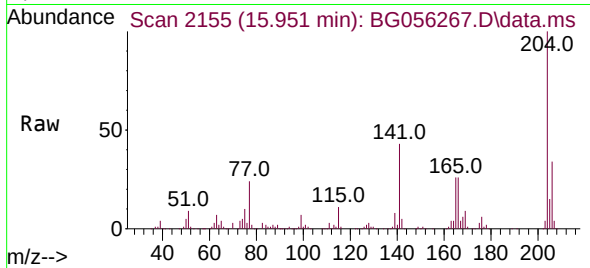
Tgt Ion:149 Resp: 480783  
Ion Ratio Lower Upper  
149 100  
177 26.8 20.6 31.0  
150 12.7 9.9 14.9





#61  
4-Chlorophenyl-phenylether  
Concen: 46.559 ng  
RT: 15.951 min Scan# 2155  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Instrument :  
BNA\_G  
ClientSampleId :

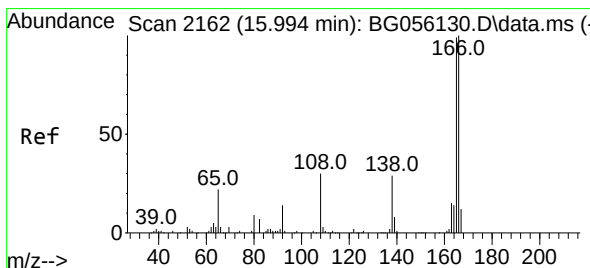
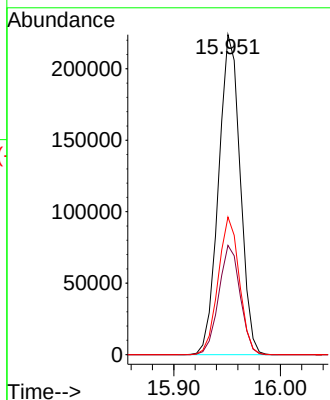
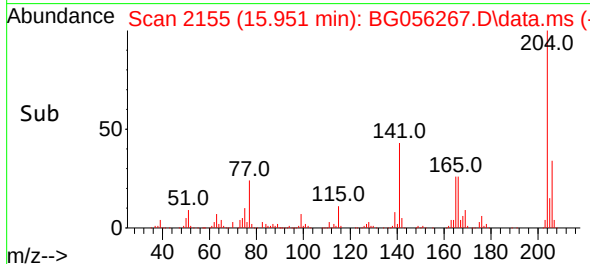


Tgt Ion:204 Resp: 31557  
Ion Ratio Lower Upper  
204 100  
206 34.1 26.4 39.6  
141 43.0 33.0 49.4

Manual Integrations  
APPROVED

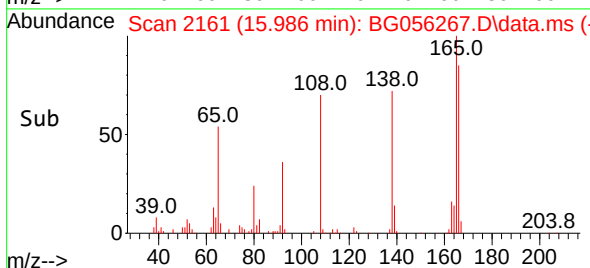
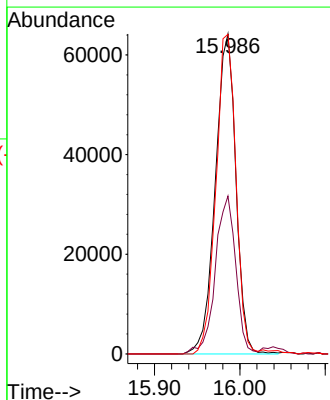
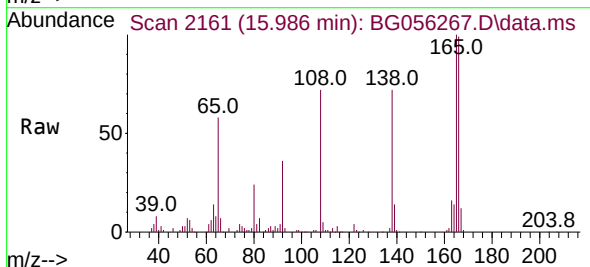
Reviewed By :Jagrut  
Upadhyay  
01/13/2023

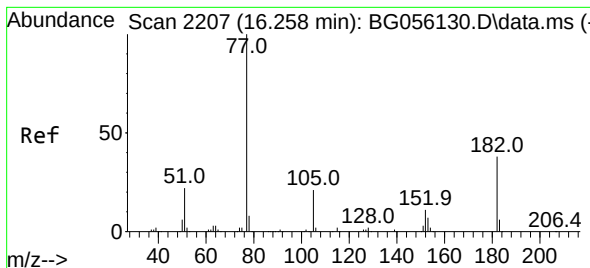
Supervised By :mohammad  
ahmed  
01/13/2023



#62  
4-Nitroaniline  
Concen: 47.032 ng  
RT: 15.986 min Scan# 2161  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

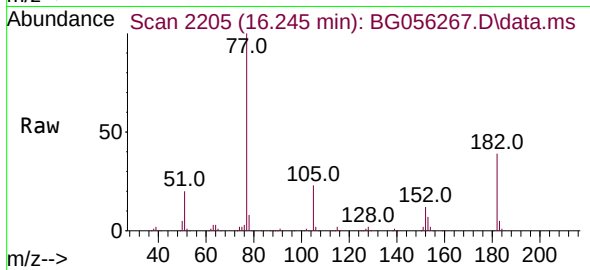
Tgt Ion:138 Resp: 107565  
Ion Ratio Lower Upper  
138 100  
92 49.3 28.6 68.6  
108 99.9 83.4 123.4





#63  
Azobenzene  
Concen: 46.786 ng  
RT: 16.245 min Scan# 2207  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Instrument :  
BNA\_G  
ClientSampleId :

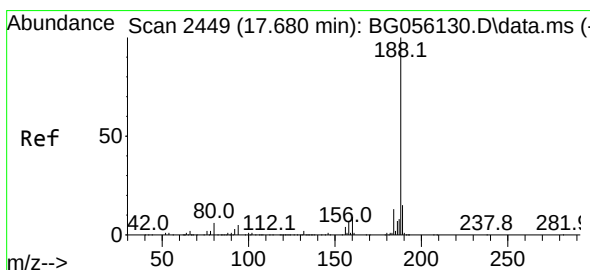
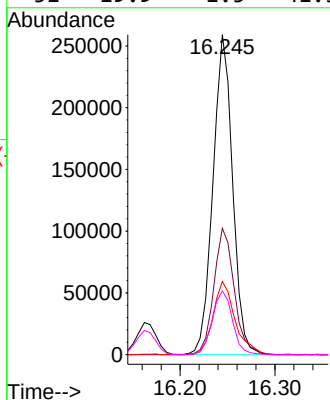
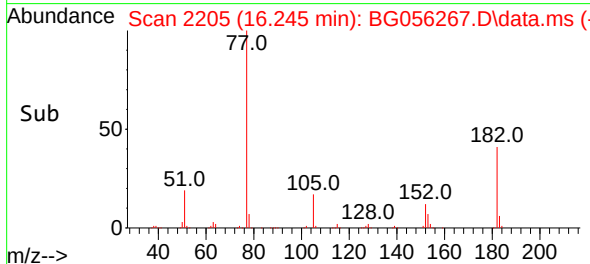


Tgt Ion: 77 Resp: 372781  
Ion Ratio Lower Upper  
77 100  
182 39.5 18.5 58.5  
105 22.9 1.4 41.4  
51 19.9 1.5 41.5

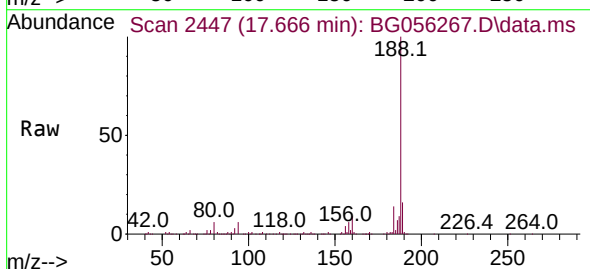
Manual Integrations  
APPROVED

Reviewed By :Jagrut  
Upadhyay  
01/13/2023

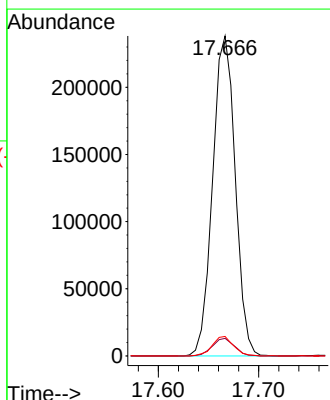
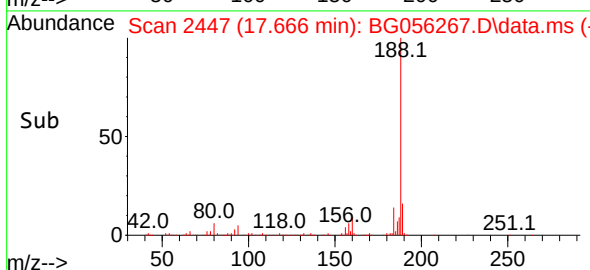
Supervised By :mohammad  
ahmed  
01/13/2023

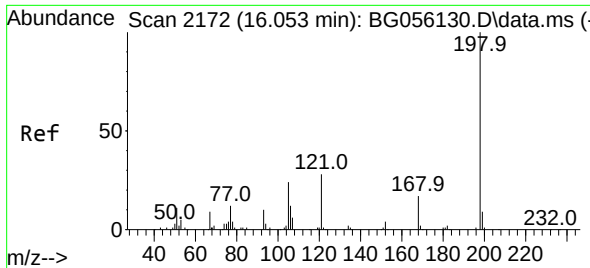


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.666 min Scan# 2447  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51



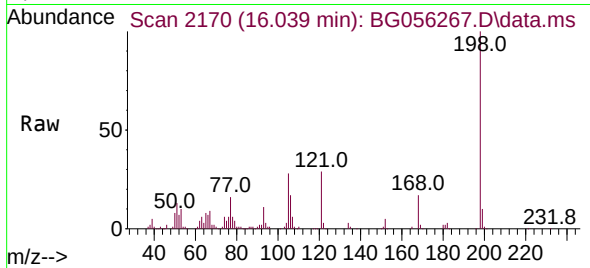
Tgt Ion:188 Resp: 373101  
Ion Ratio Lower Upper  
188 100  
94 5.5 4.2 6.2  
80 6.1 5.0 7.4





#65  
4,6-Dinitro-2-methylphenol  
Concen: 49.913 ng  
RT: 16.039 min Scan# 2170  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Instrument :  
BNA\_G  
ClientSampleId :

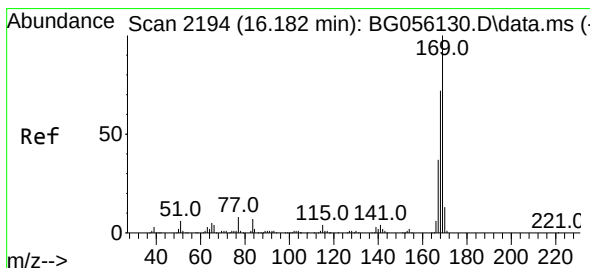
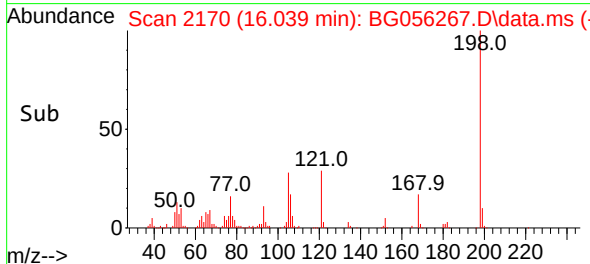
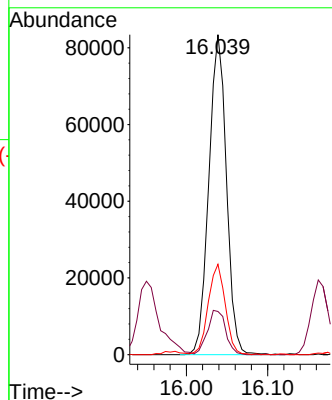


Tgt Ion:198 Resp: 125469  
Ion Ratio Lower Upper  
198 100  
51 13.5 0.0 33.2  
105 28.2 4.9 44.9

Manual Integrations  
APPROVED

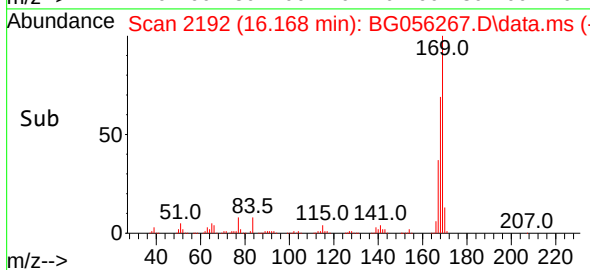
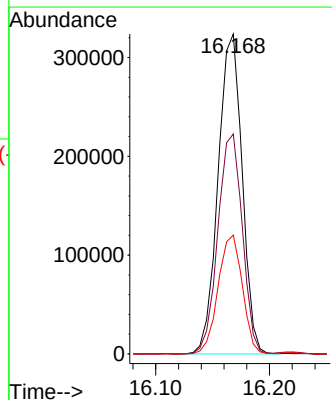
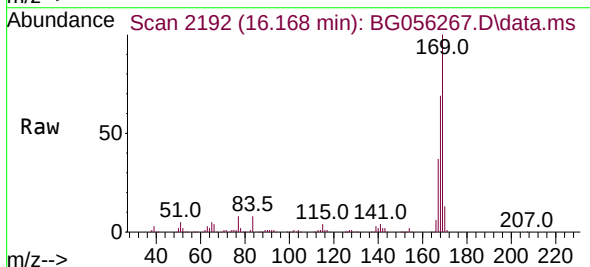
Reviewed By :Jagrut  
Upadhyay  
01/13/2023

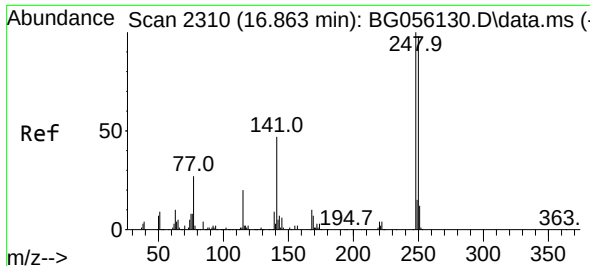
Supervised By :mohammad  
ahmed  
01/13/2023



#66  
n-Nitrosodiphenylamine  
Concen: 45.900 ng  
RT: 16.168 min Scan# 2192  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Tgt Ion:169 Resp: 475146  
Ion Ratio Lower Upper  
169 100  
168 68.7 58.0 87.0  
167 37.1 30.0 45.0



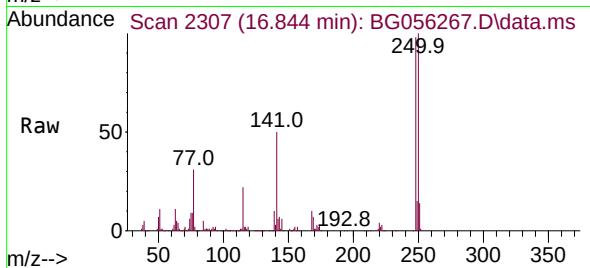


#67  
4-Bromophenyl-phenylether  
Concen: 45.737 ng  
RT: 16.844 min Scan# 2310  
Delta R.T. -0.004 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Instrument :

BNA\_G

ClientSampleId :

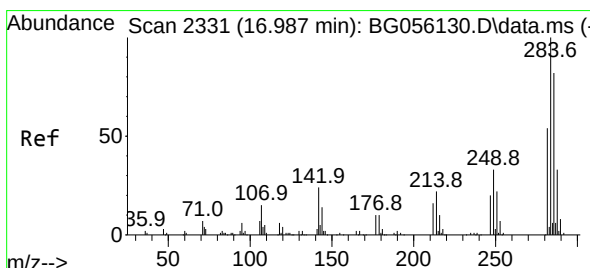
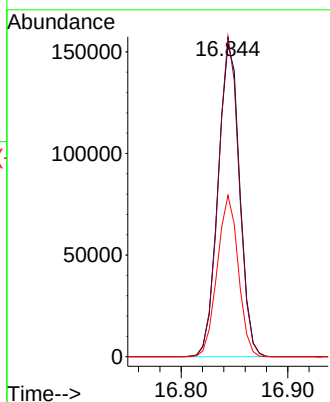
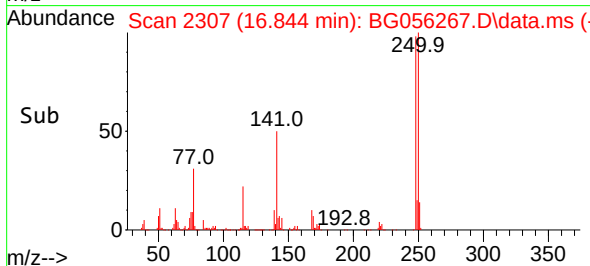


Tgt Ion:248 Resp: 217298  
Ion Ratio Lower Upper  
248 100  
250 102.4 78.2 117.4  
141 51.6 37.6 56.4

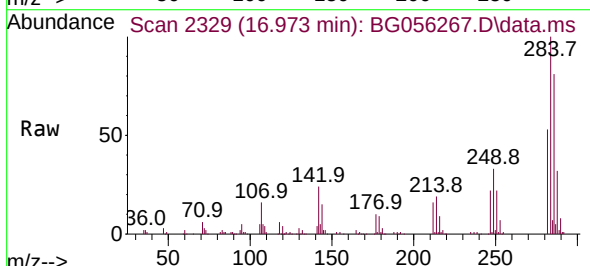
Manual Integrations  
APPROVED

Reviewed By :Jagrut  
Upadhyay  
01/13/2023

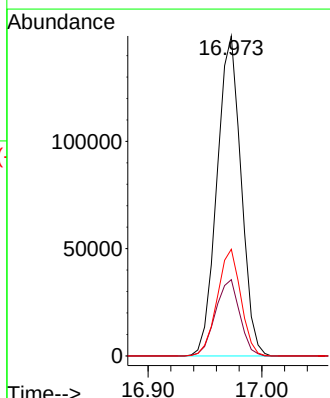
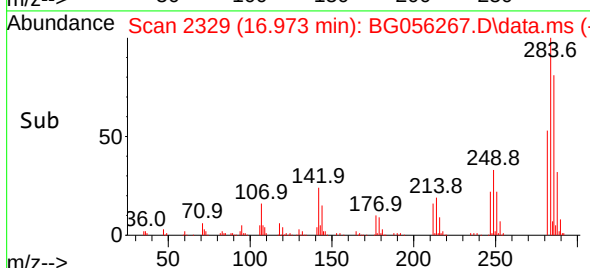
Supervised By :mohammad  
ahmed  
01/13/2023

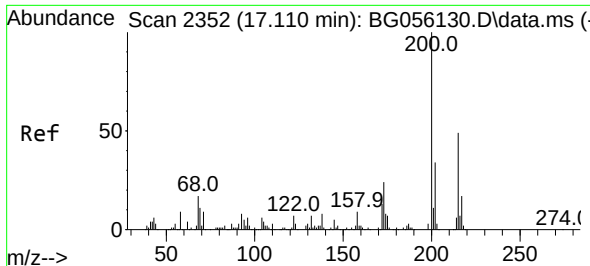


#68  
Hexachlorobenzene  
Concen: 49.470 ng  
RT: 16.973 min Scan# 2329  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51



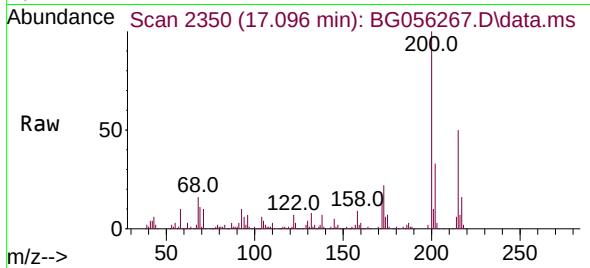
Tgt Ion:284 Resp: 219283  
Ion Ratio Lower Upper  
284 100  
142 23.8 19.0 28.6  
249 33.3 26.6 39.8





#69  
 Atrazine  
 Concen: 50.597 ng  
 RT: 17.096 min Scan# 2350  
 Delta R.T. 0.002 min  
 Lab File: BG056267.D  
 Acq: 12 Jan 2023 13:51

Instrument :  
 BNA\_G  
 ClientSampleId :

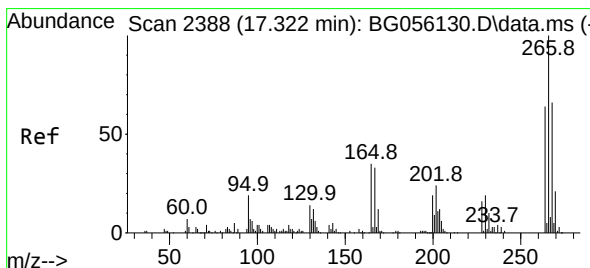
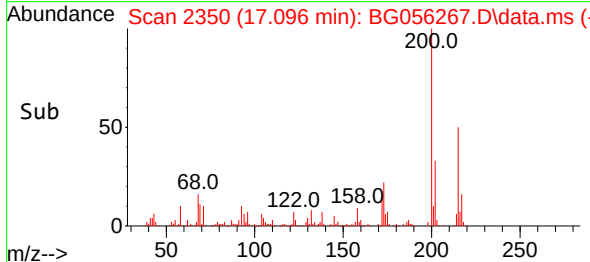
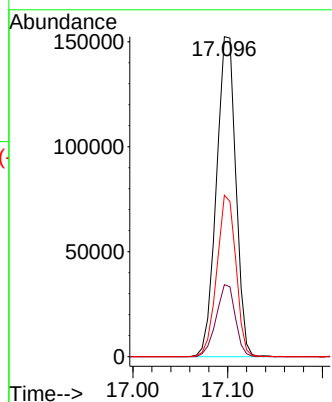


Tgt Ion:200 Resp: 217073  
 Ion Ratio Lower Upper  
 200 100  
 173 22.5 4.0 44.0  
 215 50.4 29.1 69.1

Manual Integrations  
 APPROVED

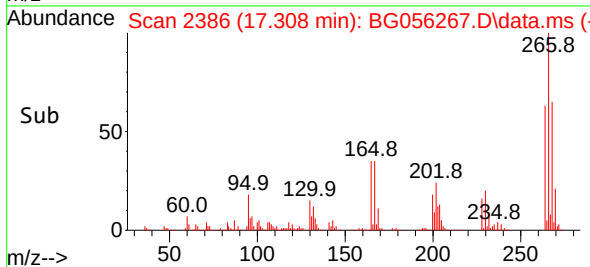
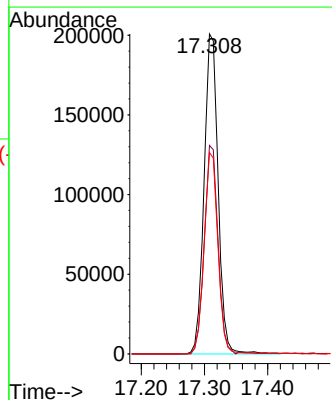
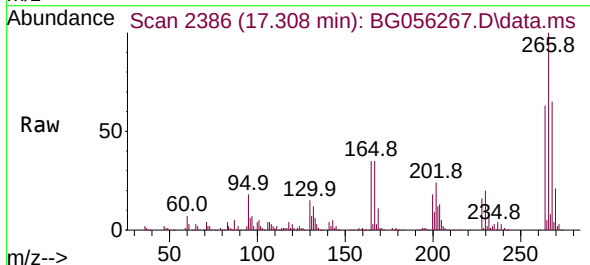
Reviewed By :Jagrut  
 Upadhyay  
 01/13/2023

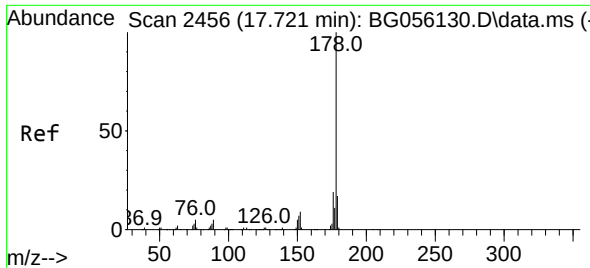
Supervised By :mohammad  
 ahmed  
 01/13/2023



#70  
 Pentachlorophenol  
 Concen: 90.779 ng  
 RT: 17.308 min Scan# 2386  
 Delta R.T. 0.002 min  
 Lab File: BG056267.D  
 Acq: 12 Jan 2023 13:51

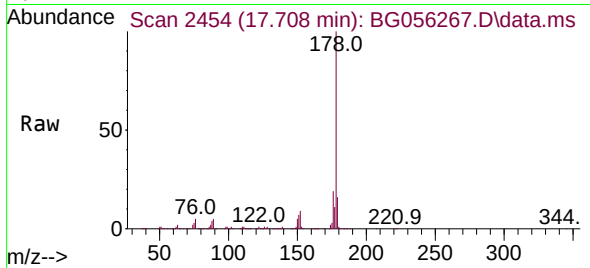
Tgt Ion:266 Resp: 309103  
 Ion Ratio Lower Upper  
 266 100  
 268 65.1 53.0 79.4  
 264 62.9 51.4 77.2





#71  
Phenanthrene  
Concen: 47.146 ng  
RT: 17.708 min Scan# 2456  
Delta R.T. -0.004 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Instrument :  
BNA\_G  
ClientSampleId :

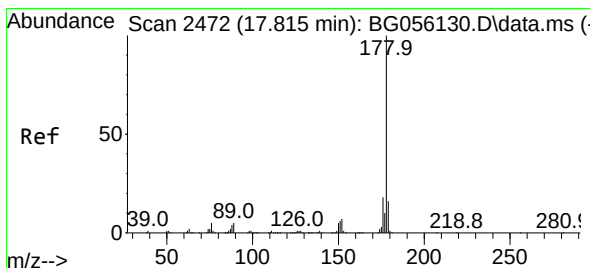
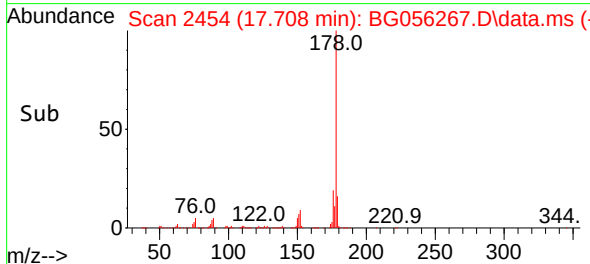
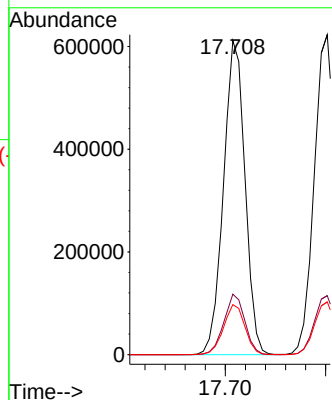


Tgt Ion:178 Resp: 911576  
Ion Ratio Lower Upper  
178 100  
176 19.2 15.4 23.0  
179 15.9 13.6 20.4

Manual Integrations  
APPROVED

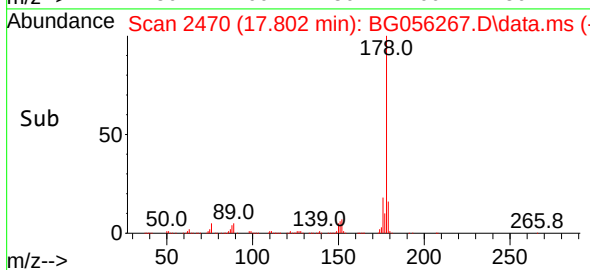
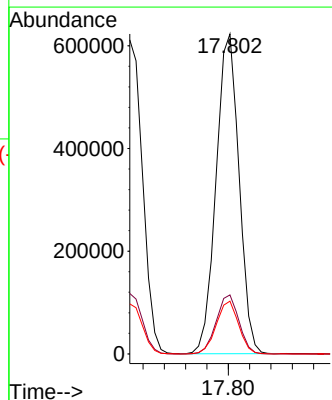
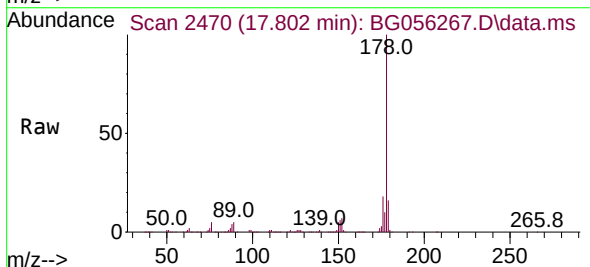
Reviewed By :Jagrut  
Upadhyay  
01/13/2023

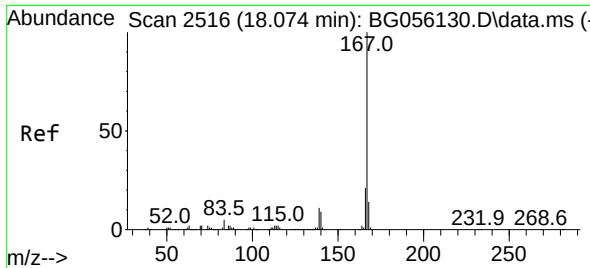
Supervised By :mohammad  
ahmed  
01/13/2023



#72  
Anthracene  
Concen: 46.695 ng  
RT: 17.802 min Scan# 2470  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

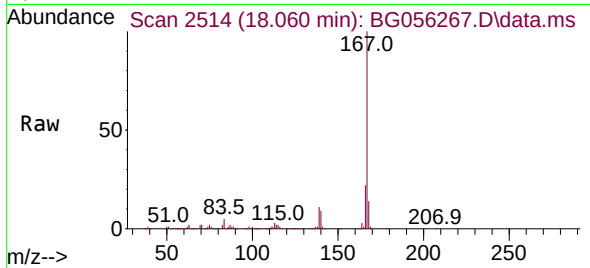
Tgt Ion:178 Resp: 931353  
Ion Ratio Lower Upper  
178 100  
176 18.4 14.6 22.0  
179 16.5 12.7 19.1





#73  
 Carbazole  
 Concen: 48.160 ng  
 RT: 18.060 min Scan# 2516  
 Delta R.T. -0.004 min  
 Lab File: BG056267.D  
 Acq: 12 Jan 2023 13:51

Instrument :  
 BNA\_G  
 ClientSampleId :

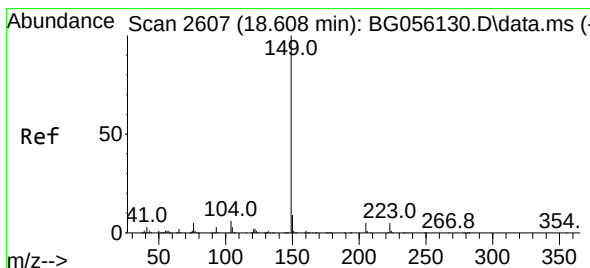
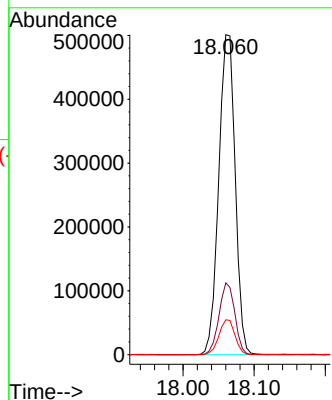


Tgt Ion:167 Resp: 807440  
 Ion Ratio Lower Upper  
 167 100  
 166 22.4 16.8 25.2  
 139 10.9 8.9 13.3

Manual Integrations  
 APPROVED

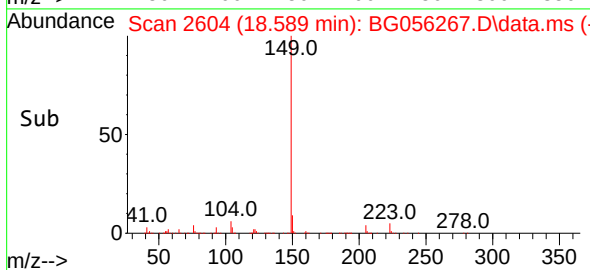
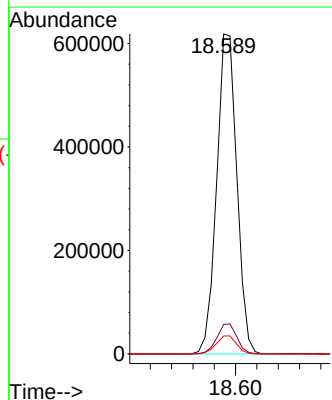
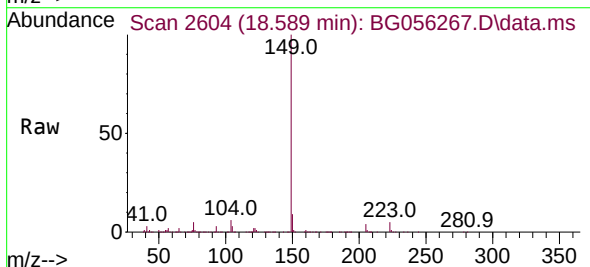
Reviewed By :Jagrut  
 Upadhyay  
 01/13/2023

Supervised By :mohammad  
 ahmed  
 01/13/2023

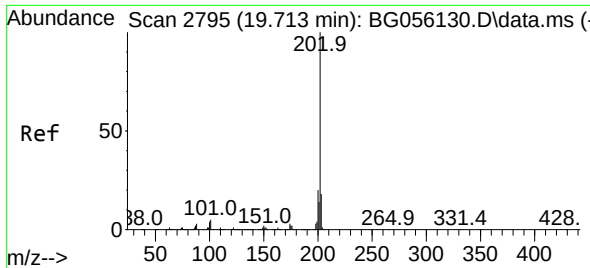


#74  
 Di-n-butylphthalate  
 Concen: 48.747 ng  
 RT: 18.589 min Scan# 2604  
 Delta R.T. -0.004 min  
 Lab File: BG056267.D  
 Acq: 12 Jan 2023 13:51

Tgt Ion:149 Resp: 814710  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.4 11.2  
 104 5.6 4.4 6.6

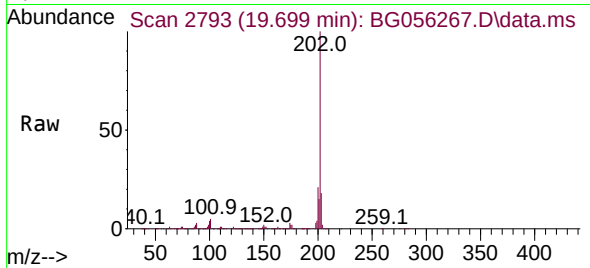






#75  
Fluoranthene  
Concen: 46.289 ng  
RT: 19.699 min Scan# 21  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Instrument :  
BNA\_G  
ClientSampleId :

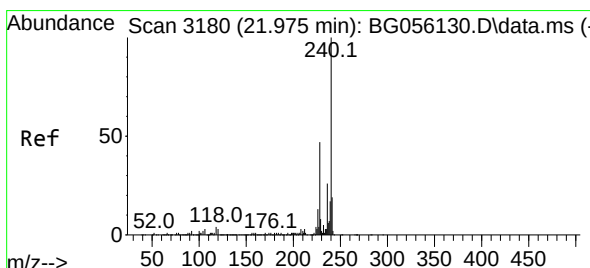
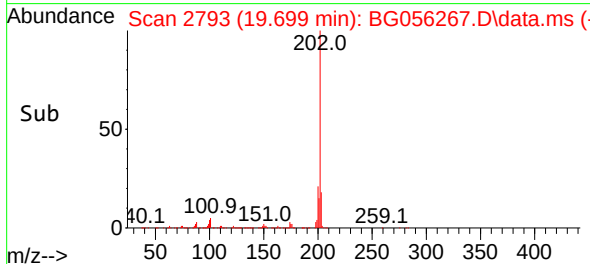
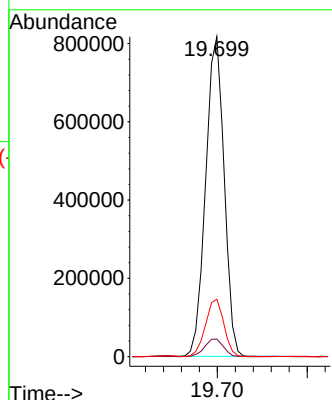


Tgt Ion:202 Resp: 1167476  
Ion Ratio Lower Upper  
202 100  
101 5.5 0.0 25.0  
203 17.9 0.0 38.0

Manual Integrations  
APPROVED

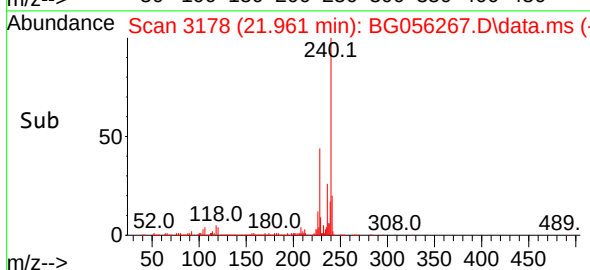
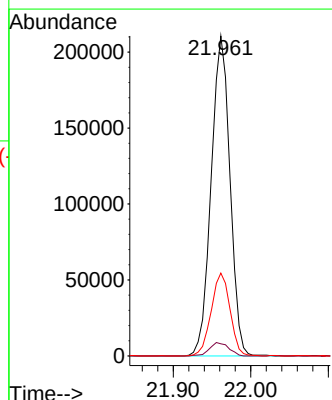
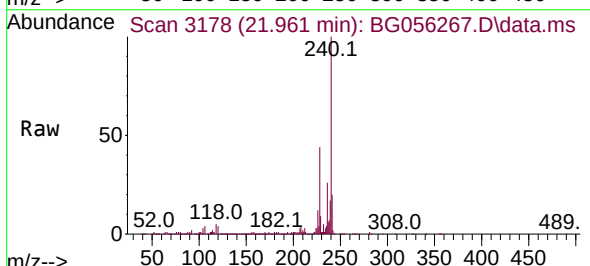
Reviewed By :Jagrut  
Upadhyay  
01/13/2023

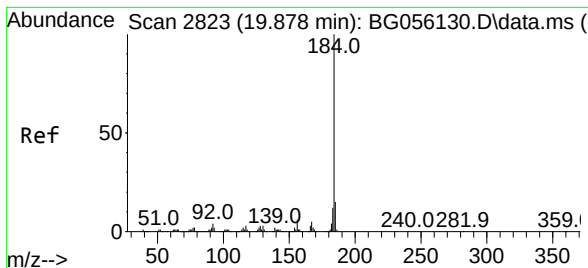
Supervised By :mohammad  
ahmed  
01/13/2023



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.961 min Scan# 3178  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

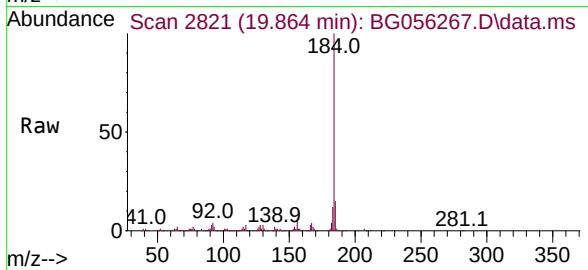
Tgt Ion:240 Resp: 354506  
Ion Ratio Lower Upper  
240 100  
120 3.8 2.6 4.0  
236 25.9 20.8 31.2





#77  
Benzidine  
Concen: 28.436 ng  
RT: 19.864 min Scan# 2821  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Instrument :  
BNA\_G  
ClientSampleId :

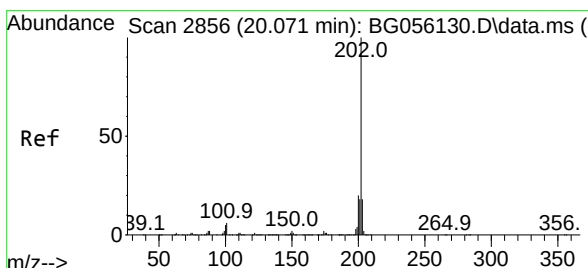
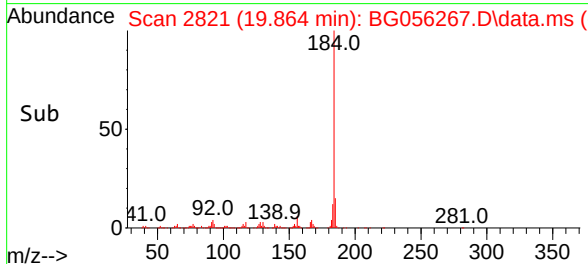
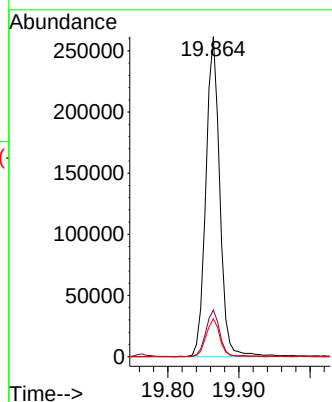


Tgt Ion:184 Resp: 353272  
Ion Ratio Lower Upper  
184 100  
185 14.6 12.2 18.2  
183 11.8 9.4 14.0

Manual Integrations  
APPROVED

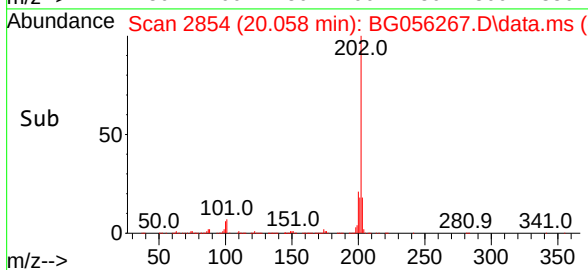
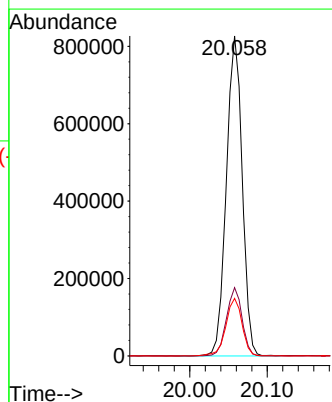
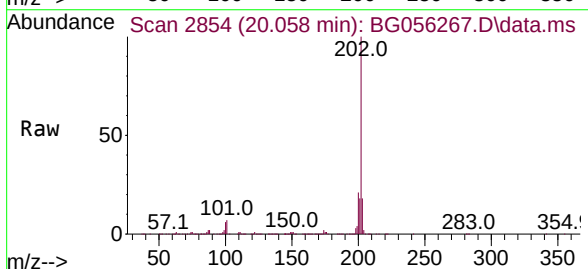
Reviewed By :Jagrut  
Upadhyay  
01/13/2023

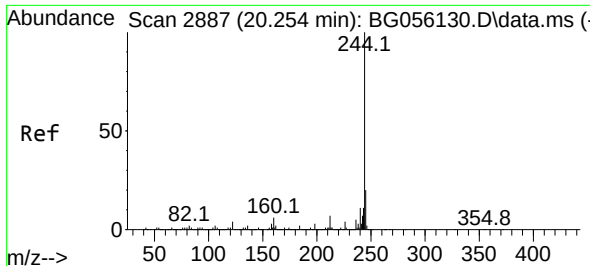
Supervised By :mohammad  
ahmed  
01/13/2023



#78  
Pyrene  
Concen: 47.110 ng  
RT: 20.058 min Scan# 2854  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

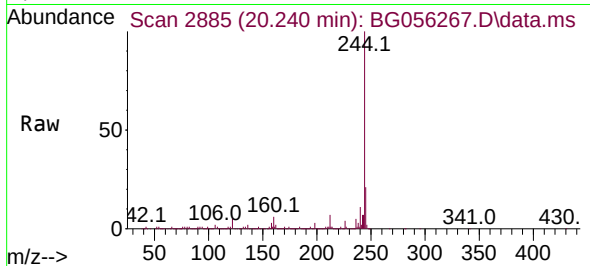
Tgt Ion:202 Resp: 1177143  
Ion Ratio Lower Upper  
202 100  
200 21.4 16.4 24.6  
203 18.0 14.3 21.5





#79  
 Terphenyl-d14  
 Concen: 76.797 ng  
 RT: 20.240 min Scan# 2887  
 Delta R.T. 0.002 min  
 Lab File: BG056267.D  
 Acq: 12 Jan 2023 13:51

Instrument :  
 BNA\_G  
 ClientSampleId :

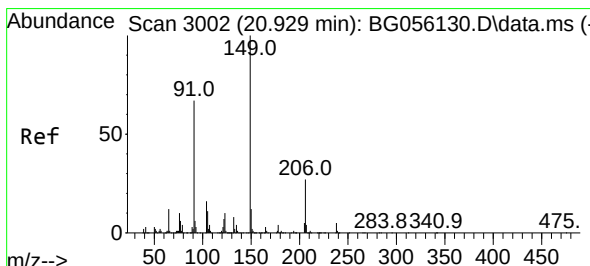
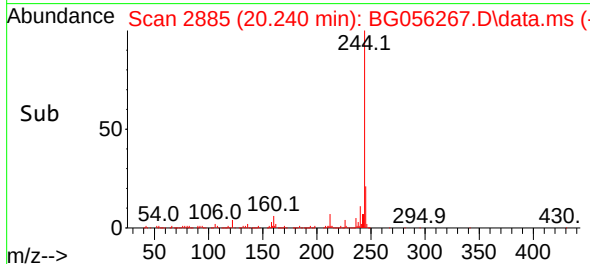
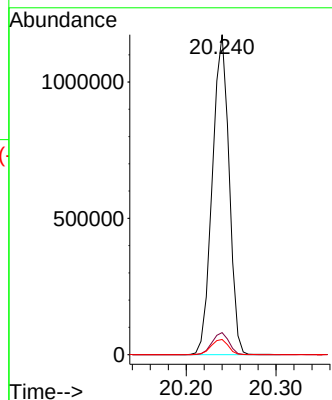


Tgt Ion:244 Resp: 1520054  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.7 8.5  
 122 4.7 3.5 5.3

Manual Integrations  
 APPROVED

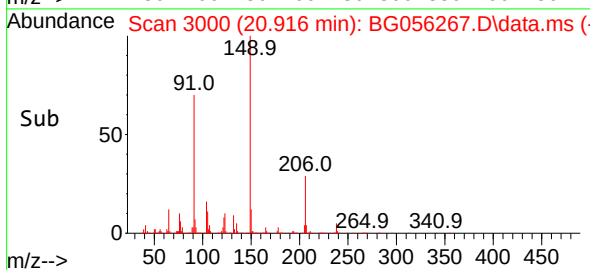
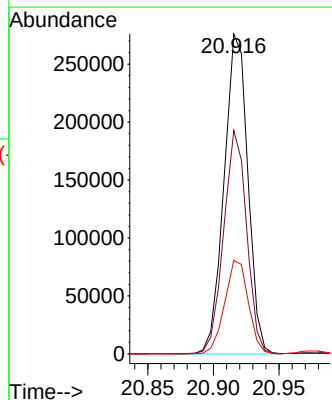
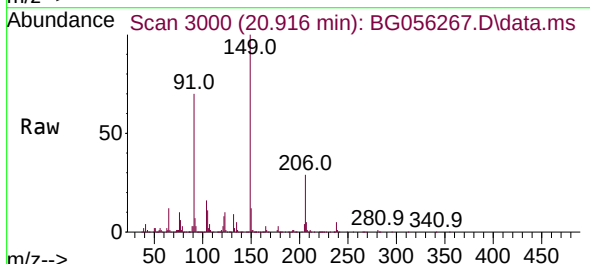
Reviewed By :Jagrut  
 Upadhyay  
 01/13/2023

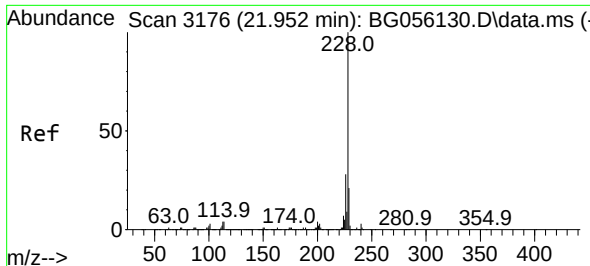
Supervised By :mohammad  
 ahmed  
 01/13/2023



#80  
 Butylbenzylphthalate  
 Concen: 48.515 ng  
 RT: 20.916 min Scan# 3000  
 Delta R.T. -0.004 min  
 Lab File: BG056267.D  
 Acq: 12 Jan 2023 13:51

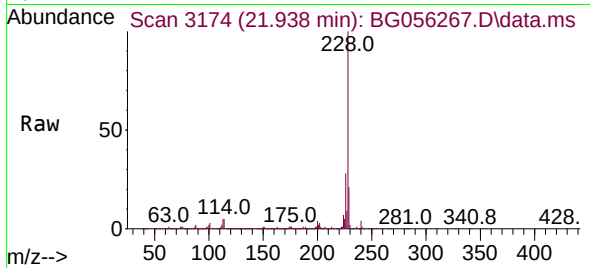
Tgt Ion:149 Resp: 347786  
 Ion Ratio Lower Upper  
 149 100  
 91 69.8 53.5 80.3  
 206 29.2 21.9 32.9





#81  
Benzo(a)anthracene  
Concen: 47.177 ng  
RT: 21.938 min Scan# 3176  
Delta R.T. -0.004 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Instrument :  
BNA\_G  
ClientSampleId :

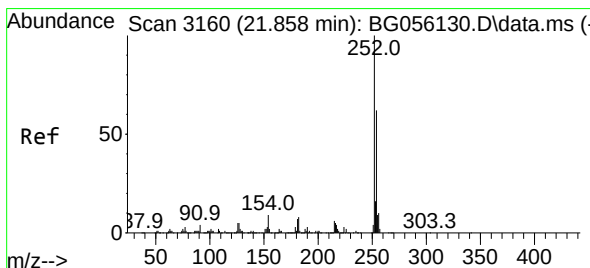
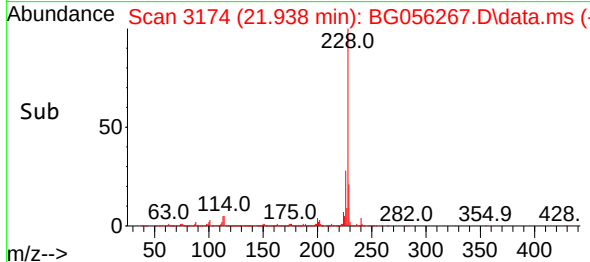
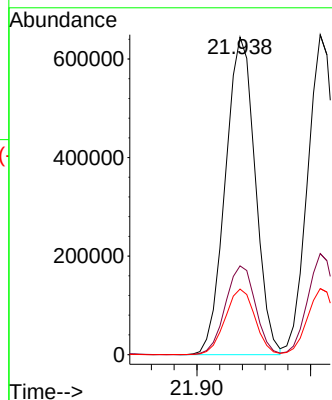


Tgt Ion:228 Resp: 1174683  
Ion Ratio Lower Upper  
228 100  
226 27.9 22.6 34.0  
229 20.6 16.9 25.3

Manual Integrations  
APPROVED

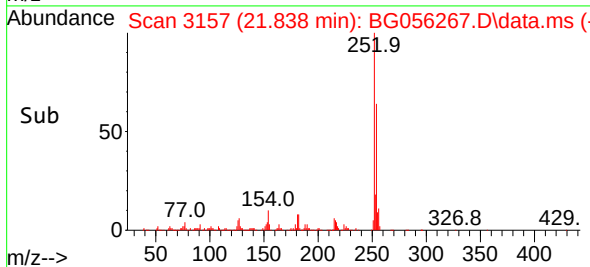
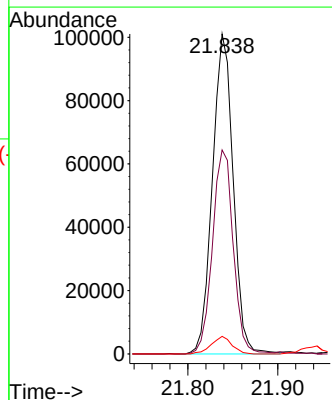
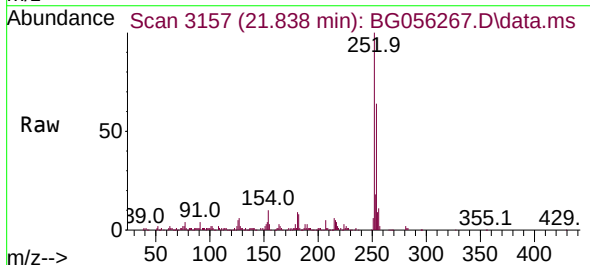
Reviewed By :Jagrut  
Upadhyay  
01/13/2023

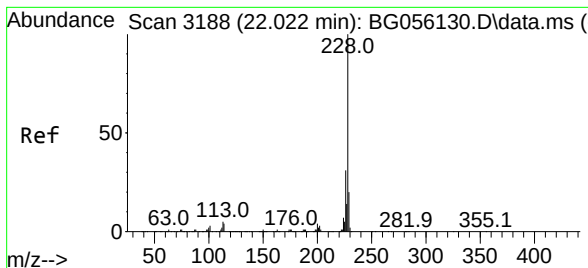
Supervised By :mohammad  
ahmed  
01/13/2023



#82  
3,3'-Dichlorobenzidine  
Concen: 18.118 ng  
RT: 21.838 min Scan# 3157  
Delta R.T. -0.004 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Tgt Ion:252 Resp: 162401  
Ion Ratio Lower Upper  
252 100  
254 63.7 49.5 74.3  
126 5.5 4.0 6.0





#83

Chrysene

Concen: 46.987 ng

RT: 22.008 min Scan# 31

Delta R.T. -0.004 min

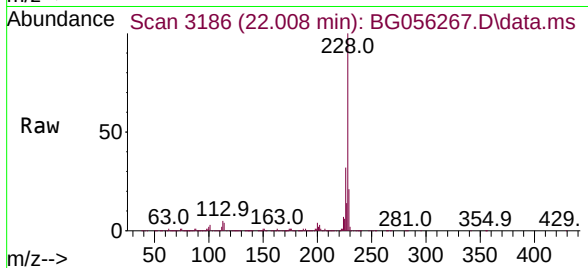
Lab File: BG056267.D

Acq: 12 Jan 2023 13:51

Instrument :

BNA\_G

ClientSampleId :



Tgt Ion:228 Resp: 1095892

Ion Ratio Lower Upper

228 100

226 31.6 24.6 36.8

229 20.6 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Jagrut

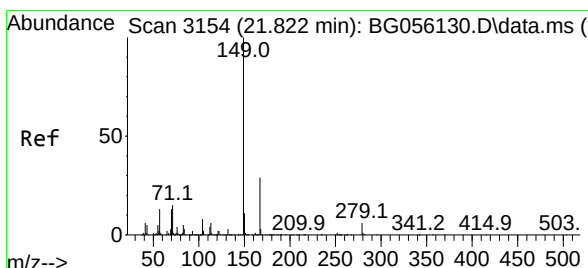
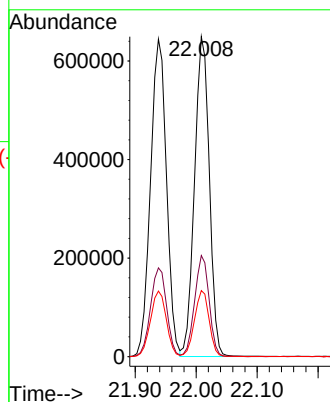
Upadhyay

01/13/2023

Supervised By :mohammad

ahmed

01/13/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.176 ng

RT: 21.803 min Scan# 3151

Delta R.T. -0.004 min

Lab File: BG056267.D

Acq: 12 Jan 2023 13:51

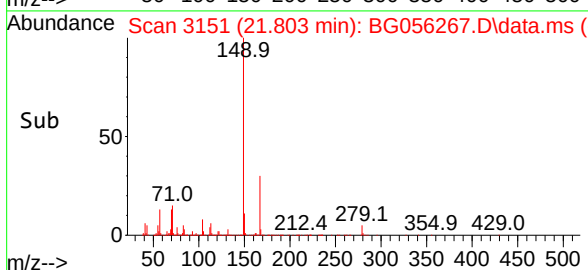
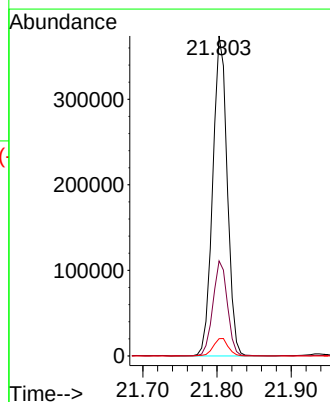
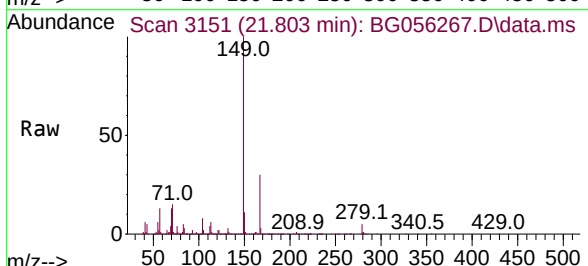
Tgt Ion:149 Resp: 507885

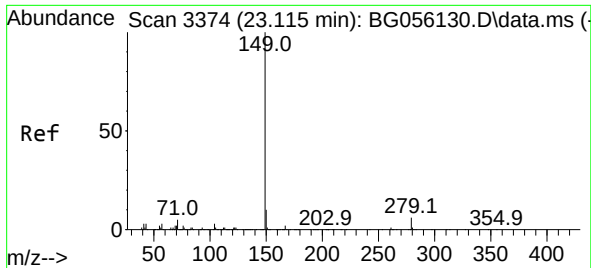
Ion Ratio Lower Upper

149 100

167 29.7 23.4 35.2

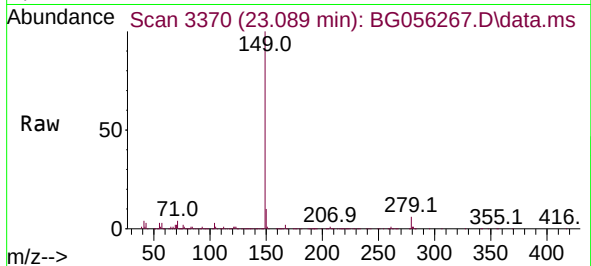
279 5.4 4.7 7.1





#85  
Di-n-octyl phthalate  
Concen: 48.128 ng  
RT: 23.089 min Scan# 3374  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Instrument :  
BNA\_G  
ClientSampleId :

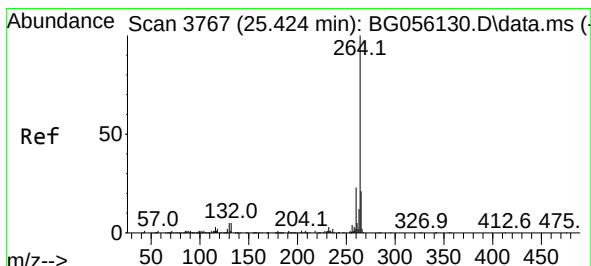
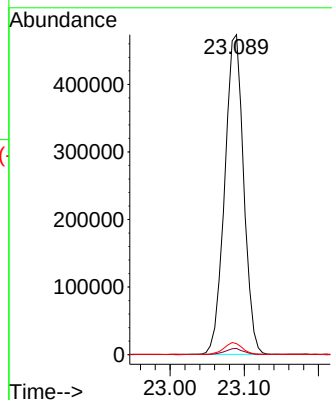


Tgt Ion:149 Resp: 839115  
Ion Ratio Lower Upper  
149 100  
167 1.9 1.4 2.2  
43 3.7 2.9 4.3

Manual Integrations  
APPROVED

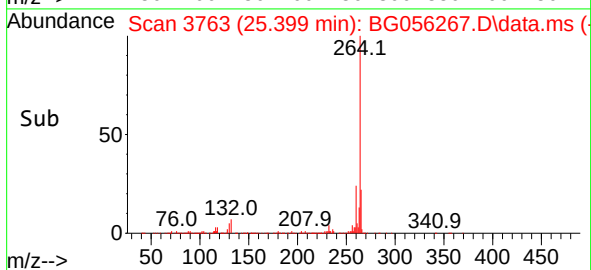
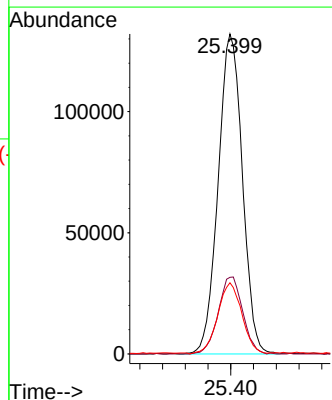
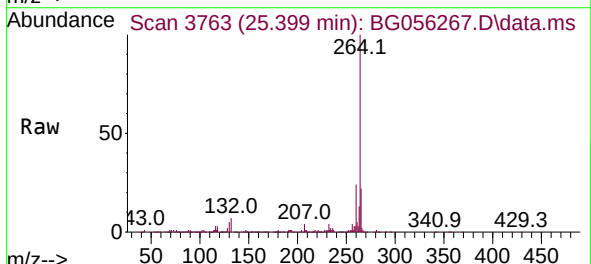
Reviewed By :Jagrut  
Upadhyay  
01/13/2023

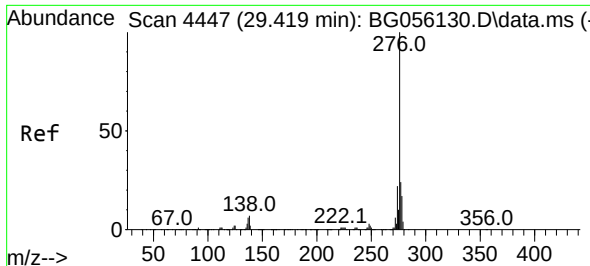
Supervised By :mohammad  
ahmed  
01/13/2023



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.399 min Scan# 3763  
Delta R.T. -0.004 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

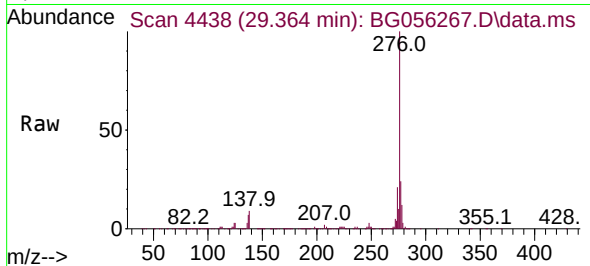
Tgt Ion:264 Resp: 390226  
Ion Ratio Lower Upper  
264 100  
260 23.9 18.6 28.0  
265 22.2 16.7 25.1





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 49.368 ng  
RT: 29.364 min Scan# 4447  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Instrument :  
BNA\_G  
ClientSampleId :

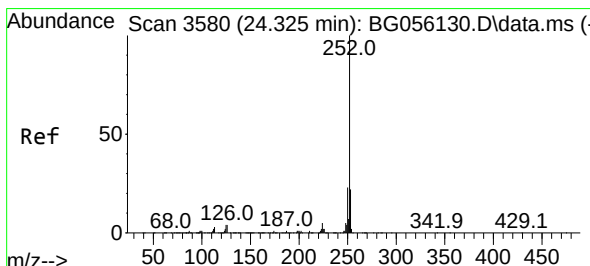
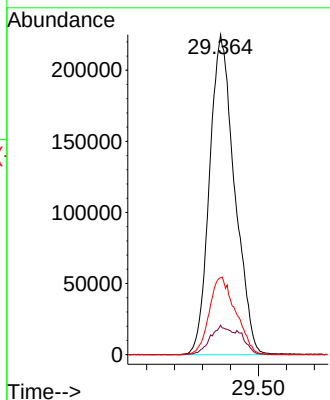
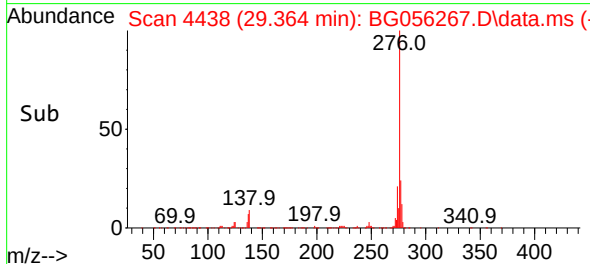


Tgt Ion:276 Resp: 1401037  
Ion Ratio Lower Upper  
276 100  
138 7.9 5.0 7.4  
277 25.6 20.5 30.7

Manual Integrations  
APPROVED

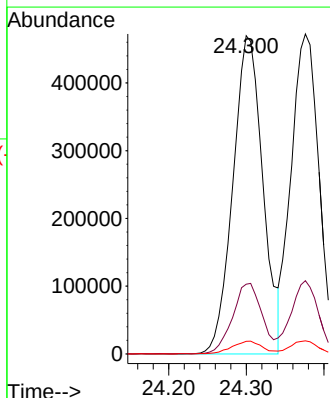
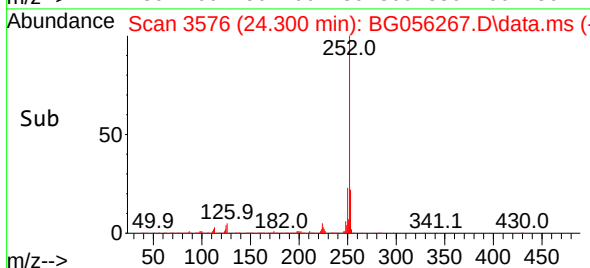
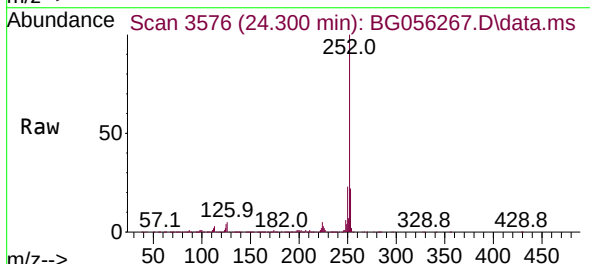
Reviewed By :Jagrut  
Upadhyay  
01/13/2023

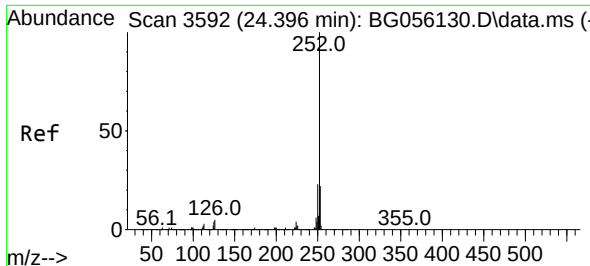
Supervised By :mohammad  
ahmed  
01/13/2023



#88  
Benzo(b)fluoranthene  
Concen: 50.838 ng  
RT: 24.300 min Scan# 3576  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

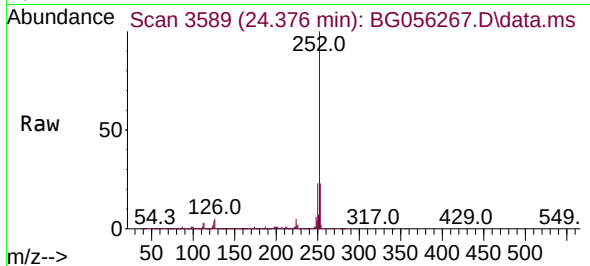
Tgt Ion:252 Resp: 1260461  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.4 26.2  
125 3.9 3.0 4.4





#89  
Benzo(k)fluoranthene  
Concen: 47.475 ng  
RT: 24.376 min Scan# 31  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Instrument :  
BNA\_G  
ClientSampleId :

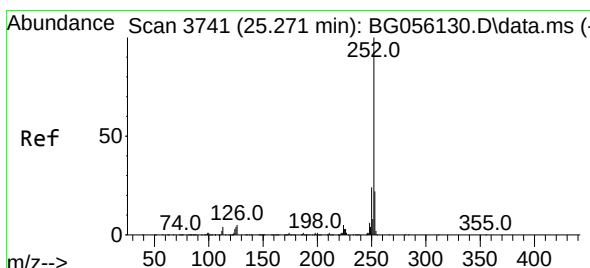
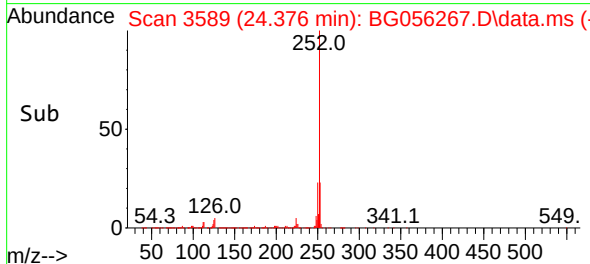
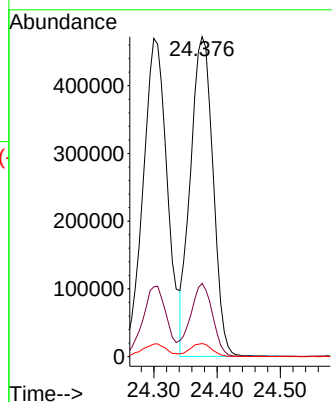


Tgt Ion:252 Resp: 1172127  
Ion Ratio Lower Upper  
252 100  
253 22.9 17.5 26.3  
125 4.1 3.4 5.0

Manual Integrations  
APPROVED

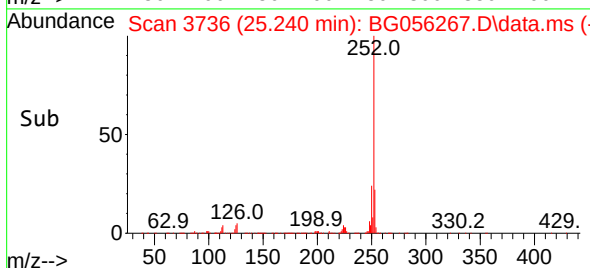
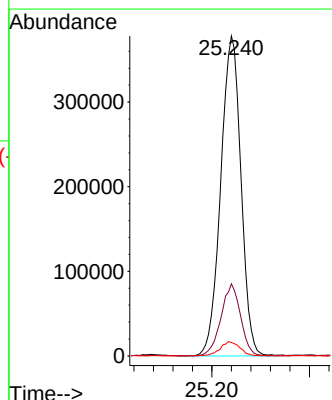
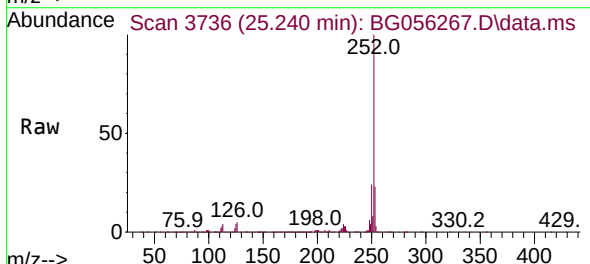
Reviewed By :Jagrut  
Upadhyay  
01/13/2023

Supervised By :mohammad  
ahmed  
01/13/2023

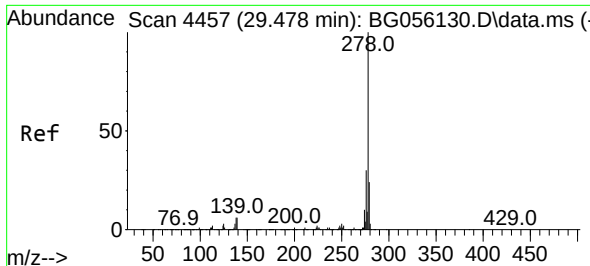


#90  
Benzo(a)pyrene  
Concen: 44.963 ng  
RT: 25.240 min Scan# 3736  
Delta R.T. -0.004 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Tgt Ion:252 Resp: 1087321  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.4 26.2  
125 4.2 3.2 4.8

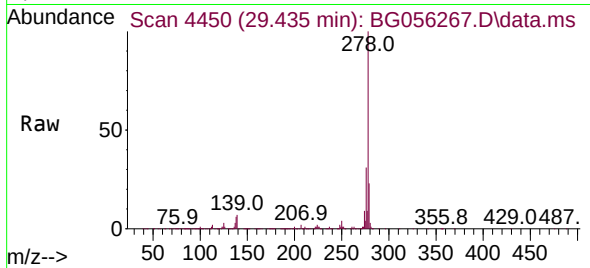






#91  
Dibenzo(a,h)anthracene  
Concen: 49.078 ng  
RT: 29.435 min Scan# 4457  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Instrument :  
BNA\_G  
ClientSampleId :

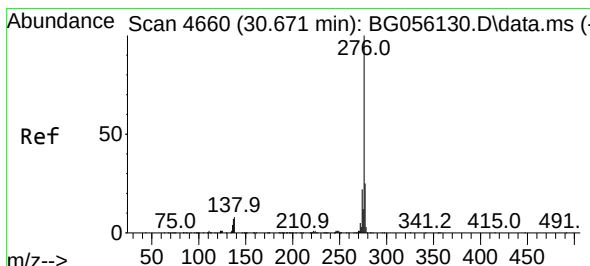
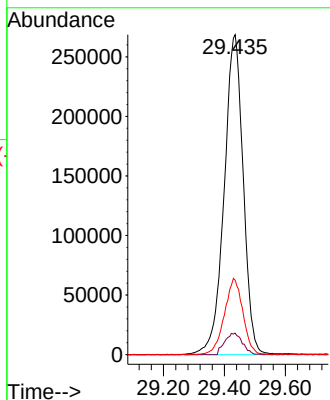
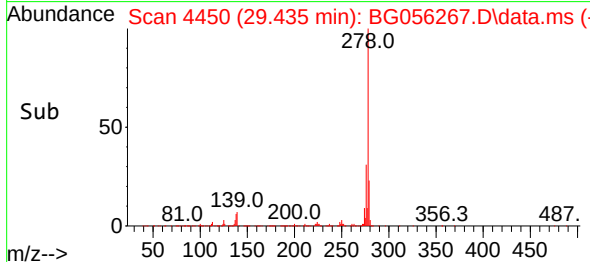


Tgt Ion:278 Resp: 1167734  
Ion Ratio Lower Upper  
278 100  
139 6.7 4.8 7.2  
279 23.3 19.0 28.4

Manual Integrations  
APPROVED

Reviewed By :Jagrut  
Upadhyay  
01/13/2023

Supervised By :mohammad  
ahmed  
01/13/2023



#92  
Benzo(g,h,i)perylene  
Concen: 49.162 ng  
RT: 30.616 min Scan# 4651  
Delta R.T. 0.002 min  
Lab File: BG056267.D  
Acq: 12 Jan 2023 13:51

Tgt Ion:276 Resp: 1134351  
Ion Ratio Lower Upper  
276 100  
277 23.5 19.7 29.5  
138 9.2 6.7 10.1

