

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG072123\  
 Data File : BG058393.D  
 Acq On : 21 Jul 2023 18:45  
 Operator : CG/JU  
 Sample : 03504-22MSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 A46T5MSD

Quant Time: Jul 22 01:51:52 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG071723.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jul 18 02:19:39 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/22/2023  
 Supervised By :mohammad ahmed 07/22/2023

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.893  | 152  | 47208    | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.696 | 136  | 204335   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.533 | 164  | 133449   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.277 | 188  | 287139   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.530 | 240  | 237379   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.668 | 264  | 285319   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.346  | 96   | 4765     | 3.715  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.751  | 84   | 64732    | 17.003 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.065  | 99   | 52078    | 11.629 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.224  | 67   | 60646    | 21.667 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.429  | 132  | 57969    | 18.492 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.610  | 113  | 6742     | 1.974  | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.057  | 128  | 36425    | 23.782 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.779  | 143  | 39245    | 23.471 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.320 | 165  | 46099    | 14.382 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.849 | 131  | 3173     | 0.683  | ng/u1  | 0.01     |
| 46) Dimethylphthalate-d6      | 13.933 | 166  | 220063   | 21.385 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.227 | 160  | 139238   | 12.911 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.744 | 143  | 29236    | 18.812 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.526 | 176  | 189179   | 22.205 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.649 | 200  | 20675    | 14.133 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.376 | 188  | 142856   | 11.514 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.668 | 212  | 39388    | 2.809  | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.451 | 264  | 12944m   | 0.939  | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.375  | 88   | 14313    | 9.838  | ng/uL# | 84       |
| 5) Pyridine                   | 3.775  | 79   | 19101    | 4.751  | ng/u1# | 87       |
| 6) Benzaldehyde               | 7.036  | 77   | 80467m   | 44.492 | ng/u1  |          |
| 8) Phenol                     | 7.094  | 94   | 58418    | 12.561 | ng/u1  | 96       |
| 10) Bis(2-Chloroethyl)ether   | 7.318  | 93   | 89464    | 25.111 | ng/u1  | 99       |
| 12) 2-Chlorophenol            | 7.465  | 128  | 65175    | 19.862 | ng/u1  | 99       |
| 13) 2-Methylphenol            | 8.340  | 108  | 4859     | 1.341  | ng/u1  | 92       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.422  | 45   | 149782m  | 25.654 | ng/u1  |          |
| 16) Acetophenone              | 8.716  | 105  | 145874   | 25.076 | ng/u1  | 98       |
| 17) N-Nitroso-di-n-propyla... | 8.693  | 70   | 81038    | 25.453 | ng/u1  | 97       |
| 18) 4-Methylphenol            | 8.675  | 108  | 29844    | 7.576  | ng/u1  | 91       |
| 19) Hexachloroethane          | 8.975  | 117  | 2506     | 1.937  | ng/u1# | 84       |
| 22) Nitrobenzene              | 9.098  | 77   | 103284   | 25.287 | ng/u1  | 99       |
| 23) Isophorone                | 9.615  | 82   | 203793   | 22.255 | ng/u1  | 100      |
| 25) 2-Nitrophenol             | 9.809  | 139  | 48021    | 26.887 | ng/u1  | 94       |
| 26) 2,4-Dimethylphenol        | 9.873  | 107  | 3057m    | 0.768  | ng/u1  |          |
| 27) Bis(2-Chloroethoxy)met... | 10.103 | 93   | 118685   | 24.473 | ng/u1  | 96       |
| 29) 2,4-Dichlorophenol        | 10.349 | 162  | 48311    | 15.880 | ng/u1  | 92       |
| 30) Naphthalene               | 10.749 | 128  | 196941   | 18.032 | ng/u1  | 98       |
| 32) 4-Chloroaniline           | 10.866 | 127  | 4559m    | 0.960  | ng/u1  |          |
| 33) Hexachlorobutadiene       | 11.025 | 225  | 50480    | 23.205 | ng/u1  | 96       |
| 34) Caprolactam               | 11.613 | 113  | 23603    | 18.679 | ng/u1  | 93       |
| 35) 4-Chloro-3-methylphenol   | 11.989 | 107  | 19209    | 4.961  | ng/u1  | 97       |
| 36) 2-Methylnaphthalene       | 12.359 | 142  | 177440   | 24.249 | ng/u1  | 100      |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG072123\  
 Data File : BG058393.D  
 Acq On : 21 Jul 2023 18:45  
 Operator : CG/JU  
 Sample : 03504-22MSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 A46T5MSD

Quant Time: Jul 22 01:51:52 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG071723.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Jul 18 02:19:39 2023  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/22/2023  
 Supervised By :mohammad ahmed 07/22/2023

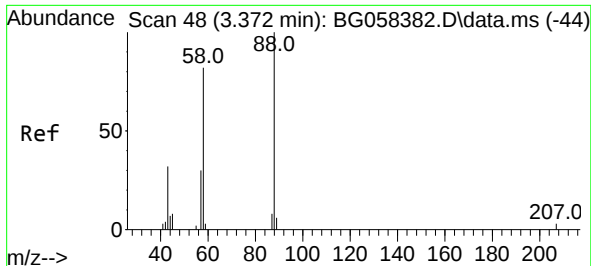
| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.576 | 142  | 164878   | 21.985 | ng/ul  | 99       |
| 39) 1,2,4,5-Tetrachloroben... | 12.729 | 216  | 30674    | 7.940  | ng/ul  | 98       |
| 40) Hexachlorocyclopentadiene | 12.700 | 237  | 29073    | 13.993 | ng/ul  | 95       |
| 41) 2,4,6-Trichlorophenol     | 12.970 | 196  | 41308    | 15.796 | ng/ul  | 100      |
| 42) 2,4,5-Trichlorophenol     | 13.046 | 196  | 37974    | 13.618 | ng/ul  | 96       |
| 43) 1,1'-Biphenyl             | 13.364 | 154  | 249315   | 27.629 | ng/ul  | 97       |
| 44) 2-Chloronaphthalene       | 13.411 | 162  | 109565   | 15.271 | ng/ul  | 99       |
| 45) 2-Nitroaniline            | 13.616 | 65   | 63432    | 25.453 | ng/ul  | 97       |
| 47) Dimethylphthalate         | 13.986 | 163  | 251440   | 24.326 | ng/ul  | 100      |
| 48) 2,6-Dinitrotoluene        | 14.110 | 165  | 51699    | 25.883 | ng/ul  | 94       |
| 50) Acenaphthylene            | 14.257 | 152  | 153775   | 13.210 | ng/ul  | 99       |
| 51) 3-Nitroaniline            | 14.439 | 138  | 13777    | 8.277  | ng/ul  | 88       |
| 52) Acenaphthene              | 14.597 | 153  | 145572   | 18.012 | ng/ul  | 98       |
| 53) 2,4-Dinitrophenol         | 14.650 | 184  | 12958    | 12.190 | ng/ul  | 92       |
| 55) 4-Nitrophenol             | 14.756 | 109  | 27757    | 23.191 | ng/ul  | 93       |
| 56) Dibenzofuran              | 14.932 | 168  | 280318   | 24.358 | ng/ul  | 100      |
| 57) 2,4-Dinitrotoluene        | 14.897 | 165  | 73865    | 25.640 | ng/ul# | 91       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.161 | 232  | 39047    | 15.156 | ng/ul# | 94       |
| 59) Diethylphthalate          | 15.344 | 149  | 258940   | 24.317 | ng/ul  | 100      |
| 61) Fluorene                  | 15.579 | 166  | 242729   | 25.720 | ng/ul  | 99       |
| 62) 4-Chlorophenyl-phenyle... | 15.573 | 204  | 126020   | 25.153 | ng/ul  | 98       |
| 63) 4-Nitroaniline            | 15.602 | 138  | 23146m   | 15.367 | ng/ul  |          |
| 66) 4,6-Dinitro-2-methylph... | 15.661 | 198  | 25382    | 16.864 | ng/ul  | 93       |
| 67) N-Nitrosodiphenylamine    | 15.784 | 169  | 97716    | 13.729 | ng/ul  | 100      |
| 68) 4-Bromophenyl-phenylether | 16.466 | 248  | 84336    | 27.730 | ng/ul  | 96       |
| 69) Hexachlorobenzene         | 16.583 | 284  | 6974     | 2.032  | ng/ul  | 95       |
| 70) Atrazine                  | 16.730 | 200  | 60690    | 21.748 | ng/ul  | 97       |
| 71) Pentachlorophenol         | 16.930 | 266  | 16342    | 8.483  | ng/ul  | 94       |
| 72) Phenanthrene              | 17.324 | 178  | 279128   | 20.456 | ng/ul  | 98       |
| 74) Anthracene                | 17.412 | 178  | 172090   | 12.562 | ng/ul  | 98       |
| 75) 1,2,3,4-Tetrachloroben... | 13.334 | 216  | 21786    | 6.049  | ng/uL  | 98       |
| 76) Pentachlorobenzene        | 14.850 | 250  | 16750    | 4.253  | ng/uL  | 96       |
| 77) Carbazole                 | 17.682 | 167  | 39307    | 3.310  | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.234 | 149  | 454631   | 30.130 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.333 | 202  | 325622   | 20.273 | ng/ul  | 100      |
| 82) Pyrene                    | 19.697 | 202  | 46663    | 2.867  | ng/ul  | 99       |
| 83) Butylbenzylphthalate      | 20.579 | 149  | 200333   | 31.261 | ng/ul  | 99       |
| 84) 3,3'-Dichlorobenzidine    | 21.431 | 252  | 5029m    | 0.949  | ng/ul  |          |
| 85) Benzo(a)anthracene        | 21.513 | 228  | 303161   | 19.001 | ng/ul  | 100      |
| 86) Bis(2-ethylhexyl)phtha... | 21.413 | 149  | 311425   | 34.166 | ng/ul  | 98       |
| 87) Chrysene                  | 21.577 | 228  | 228669   | 15.110 | ng/ul  | 99       |
| 89) Di-n-octyl phthalate      | 22.582 | 149  | 497693   | 32.784 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.669 | 252  | 226059   | 13.694 | ng/ul  | 99       |
| 91) Benzo(k)fluoranthene      | 23.734 | 252  | 252416   | 15.331 | ng/ul  | 98       |
| 93) Benzo(a)pyrene            | 24.509 | 252  | 10745m   | 0.732  | ng/ul  |          |
| 94) Indeno(1,2,3-cd)pyrene    | 28.293 | 276  | 96490    | 4.988  | ng/ul# | 73       |
| 95) Dibenzo(a,h)anthracene    | 28.293 | 278  | 307232   | 19.367 | ng/ul  | 98       |
| 96) Benzo(g,h,i)perylene      | 29.362 | 276  | 1457m    | 0.092  | ng/ul  |          |

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

## Manual Integrations

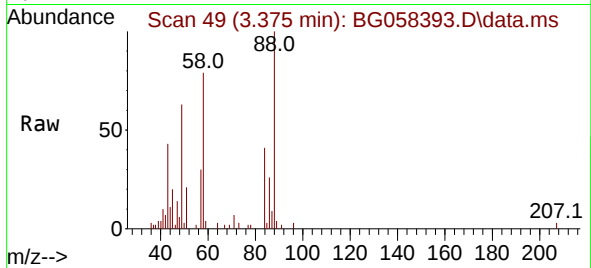
Quant Time: Jul 22 01:51:52 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG071723.MA.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Tue Jul 18 02:19:39 2023  
Response via : Initial Calibration





#2  
1,4-Dioxane  
Concen: 9.838 ng/uL  
RT: 3.375 min Scan# 49  
Delta R.T. 0.000 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45

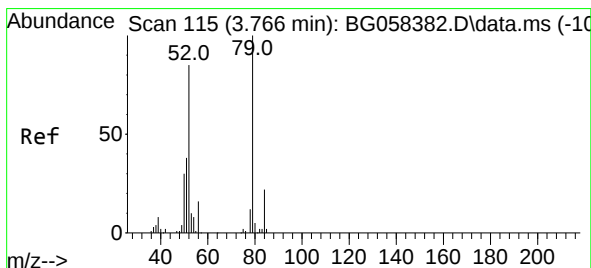
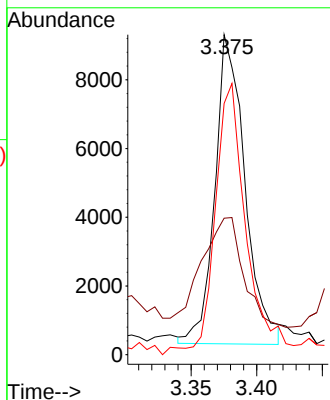
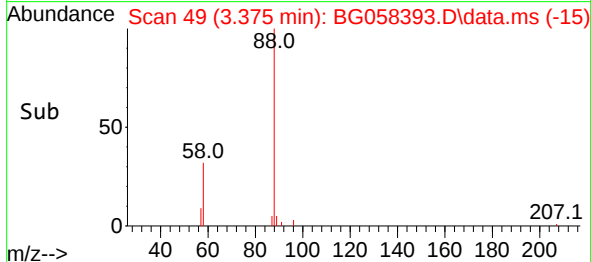
Instrument :  
BNA\_G  
ClientSampleId :  
A46T5MSD



Tgt Ion: 88 Resp: 1431  
Ion Ratio Lower Upper  
88 100  
43 42.7 19.6 29.4  
58 78.5 70.2 105.4

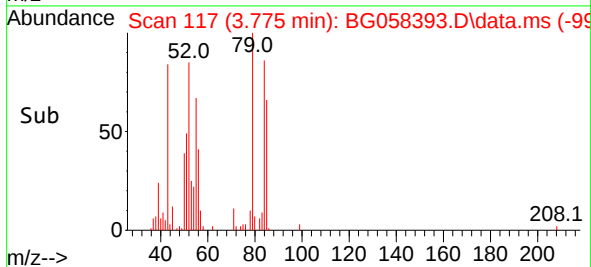
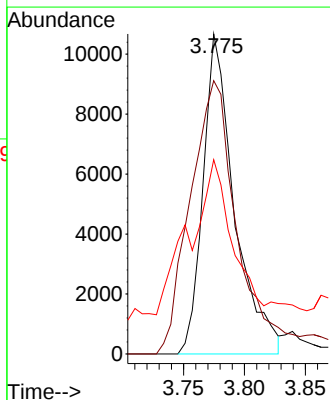
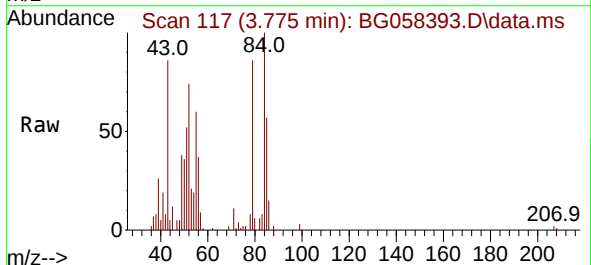
Manual Integrations  
APPROVED

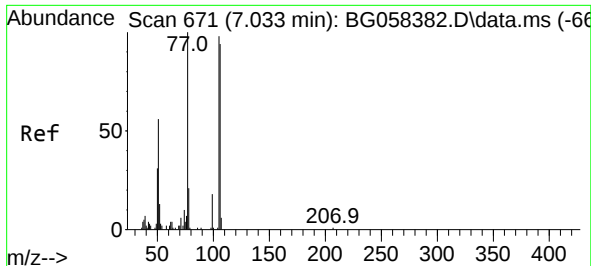
Reviewed By :Yogesh Patel 07/22/2023  
Supervised By :mohammad ahmed 07/22/2023



#5  
Pyridine  
Concen: 4.751 ng/uL  
RT: 3.775 min Scan# 117  
Delta R.T. 0.006 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45

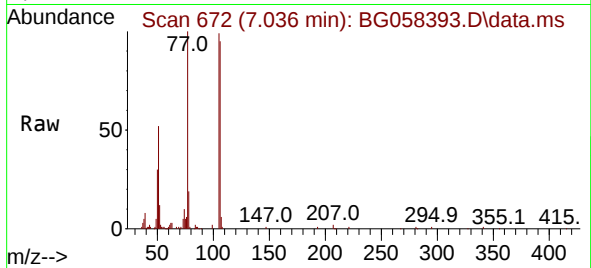
Tgt Ion: 79 Resp: 19101  
Ion Ratio Lower Upper  
79 100  
52 85.4 72.3 108.5  
51 60.7 33.4 50.0





#6  
Benzaldehyde  
Concen: 44.492 ng/ul m  
RT: 7.036 min Scan# 671  
Delta R.T. 0.001 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45

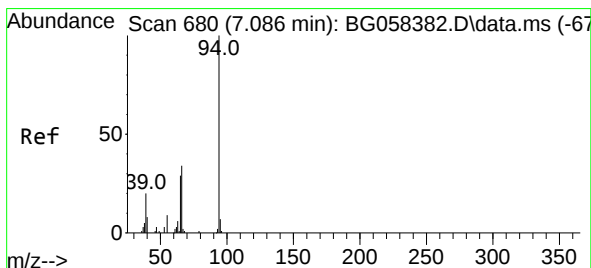
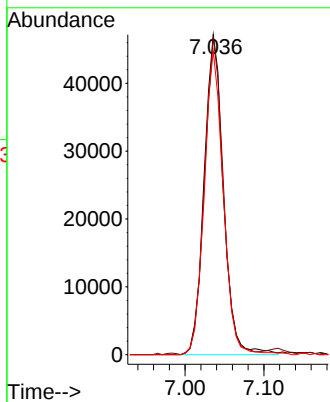
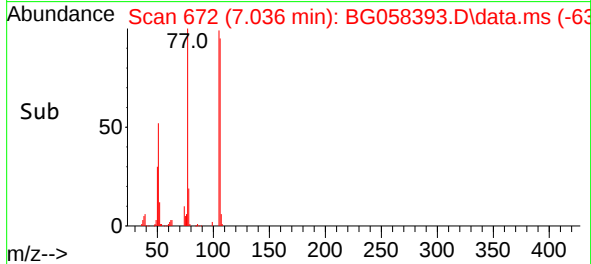
Instrument :  
BNA\_G  
ClientSampleId :  
A46T5MSD



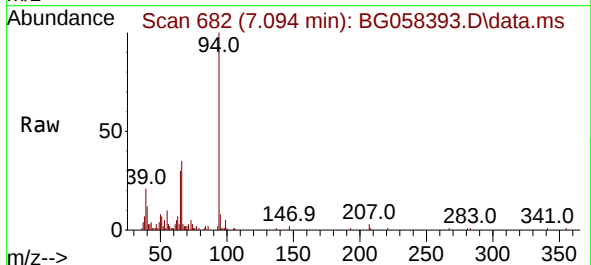
Tgt Ion: 77 Resp: 8046  
Ion Ratio Lower Upper  
77 100  
105 99.2 78.2 117.4  
106 94.9 71.6 107.4

Manual Integrations  
APPROVED

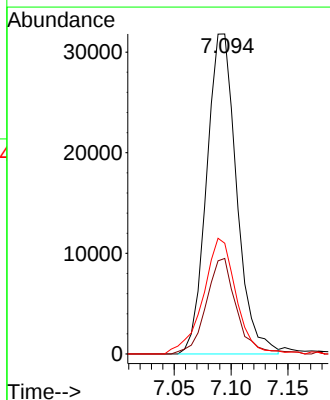
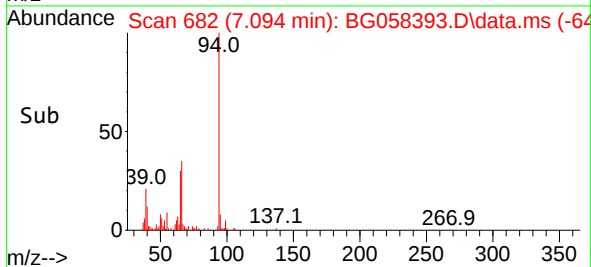
Reviewed By :Yogesh Patel 07/22/2023  
Supervised By :mohammad ahmed 07/22/2023

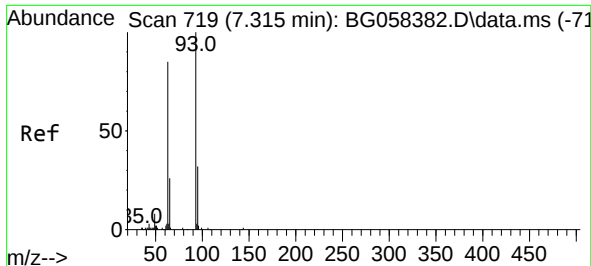


#8  
Phenol  
Concen: 12.561 ng/ul  
RT: 7.094 min Scan# 682  
Delta R.T. 0.006 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45



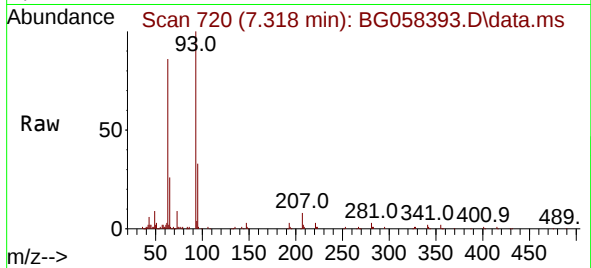
Tgt Ion: 94 Resp: 58418  
Ion Ratio Lower Upper  
94 100  
65 29.9 23.8 35.8  
66 34.6 31.2 46.8





#10  
Bis(2-Chloroethyl)ether  
Concen: 25.111 ng/ul  
RT: 7.318 min Scan# 719  
Delta R.T. 0.000 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45

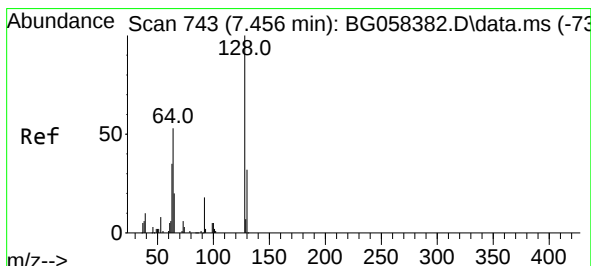
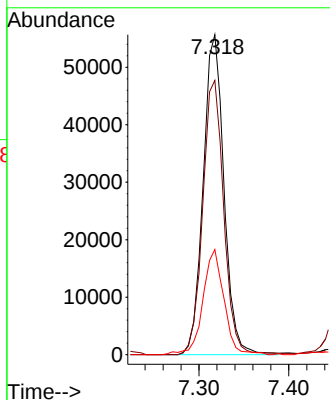
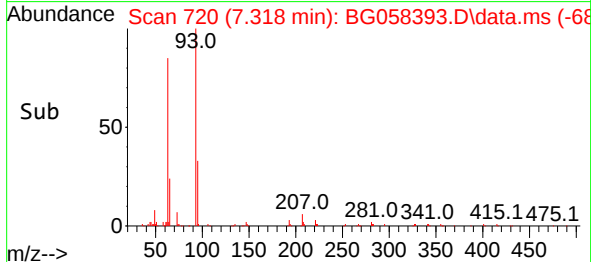
Instrument :  
BNA\_G  
ClientSampleId :  
A46T5MSD



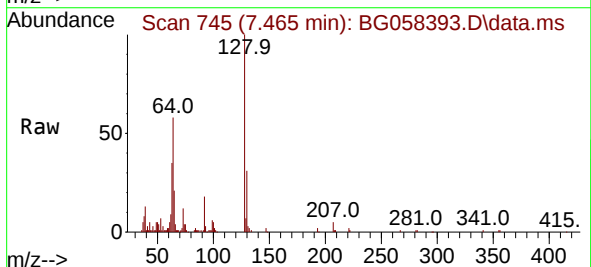
Tgt Ion: 93 Resp: 89464  
Ion Ratio Lower Upper  
93 100  
63 85.7 67.7 101.5  
95 32.8 27.0 40.6

Manual Integrations  
APPROVED

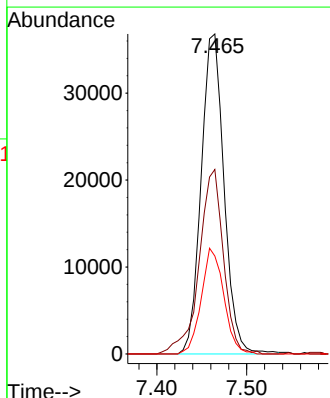
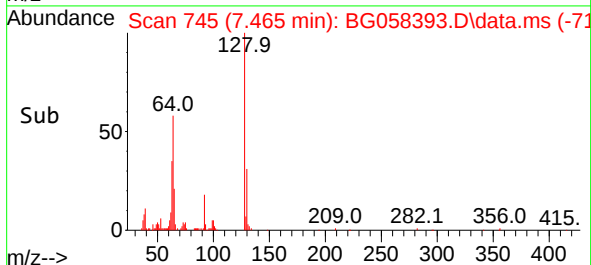
Reviewed By :Yogesh Patel 07/22/2023  
Supervised By :mohammad ahmed 07/22/2023

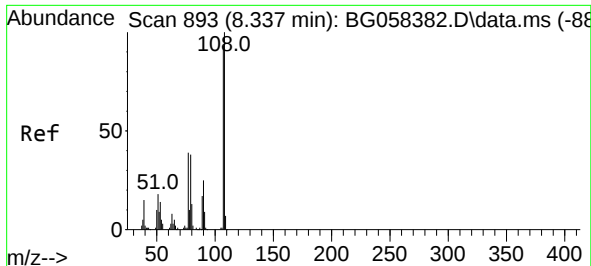


#12  
2-Chlorophenol  
Concen: 19.862 ng/ul  
RT: 7.465 min Scan# 745  
Delta R.T. 0.001 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45



Tgt Ion:128 Resp: 65175  
Ion Ratio Lower Upper  
128 100  
64 57.6 45.6 68.4  
130 30.6 25.2 37.8





#13

2-Methylphenol

Concen: 1.341 ng/ul

RT: 8.340 min Scan# 893

Delta R.T. 0.001 min

Lab File: BG058393.D

Acq: 21 Jul 2023 18:45

Instrument :

BNA\_G

ClientSampleId :

A46T5MSD

Tgt Ion:108 Resp: 4859

Ion Ratio Lower Upper

108 100

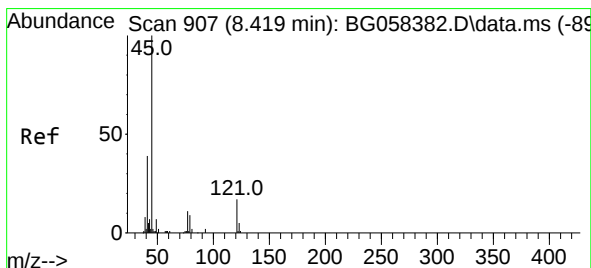
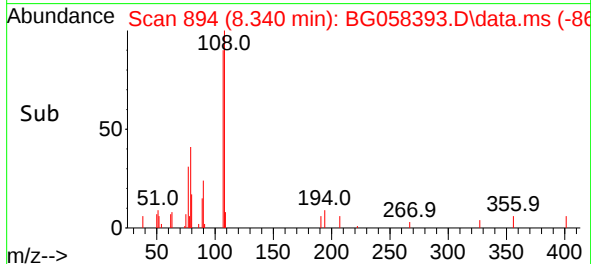
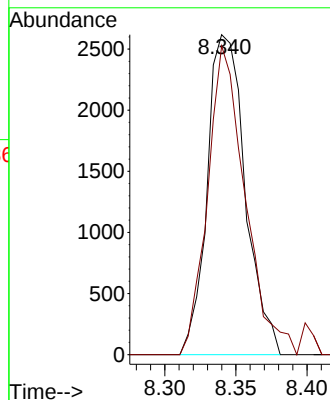
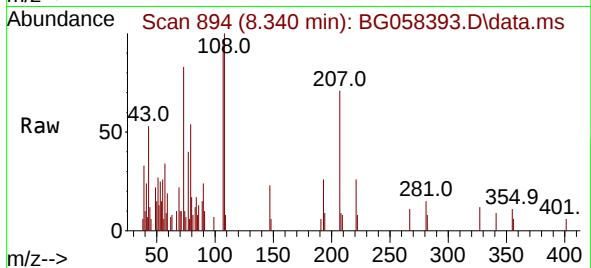
107 96.5 71.5 107.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/22/2023

Supervised By :mohammad ahmed 07/22/2023



#14

2,2'-oxybis(1-Chloropropane)

Concen: 25.654 ng/ul m

RT: 8.422 min Scan# 908

Delta R.T. -0.005 min

Lab File: BG058393.D

Acq: 21 Jul 2023 18:45

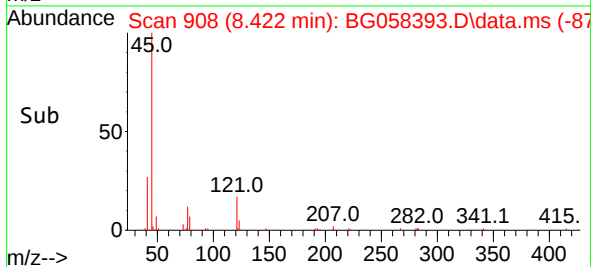
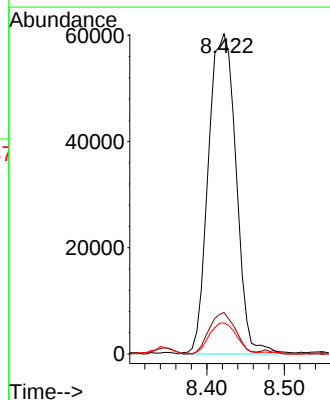
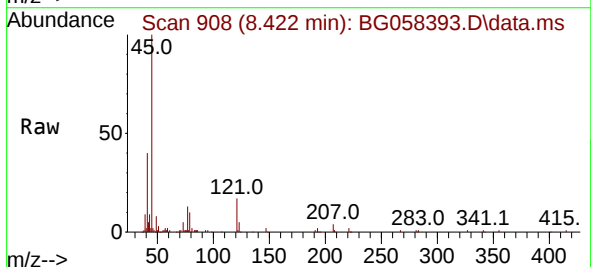
Tgt Ion: 45 Resp: 149782

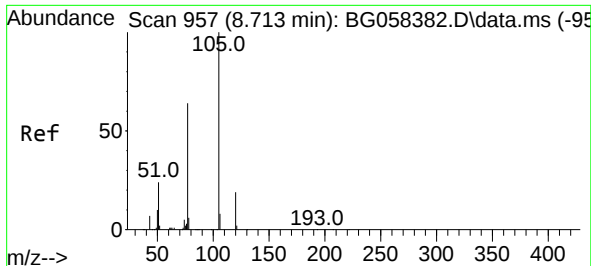
Ion Ratio Lower Upper

45 100

77 12.9 9.4 14.2

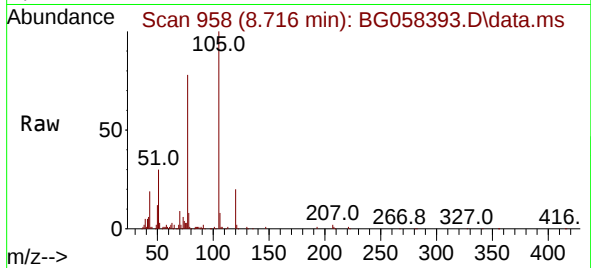
79 9.7 7.4 11.2





#16  
Acetophenone  
Concen: 25.076 ng/ul  
RT: 8.716 min Scan# 91  
Delta R.T. -0.005 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45

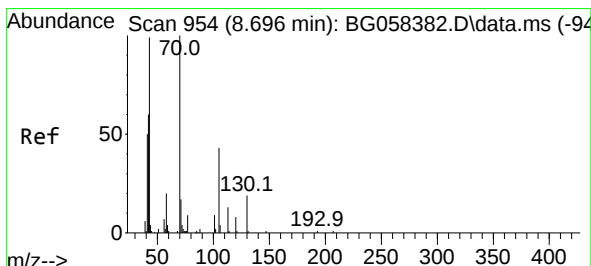
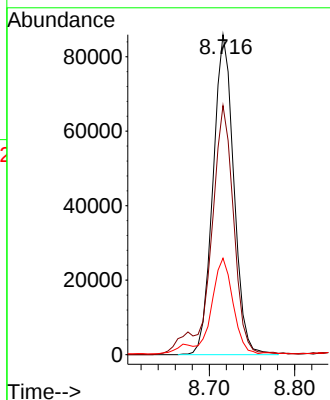
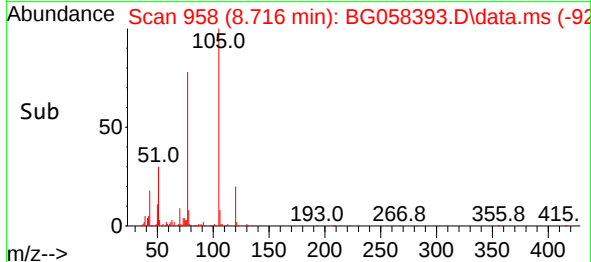
Instrument :  
BNA\_G  
ClientSampleId :  
A46T5MSD



Tgt Ion:105 Resp: 145874  
Ion Ratio Lower Upper  
105 100  
77 77.8 60.7 91.1  
51 30.1 23.5 35.3

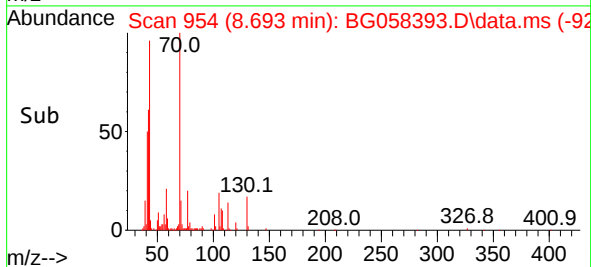
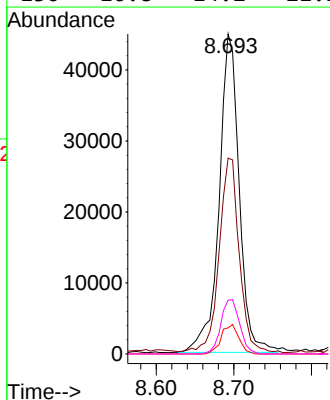
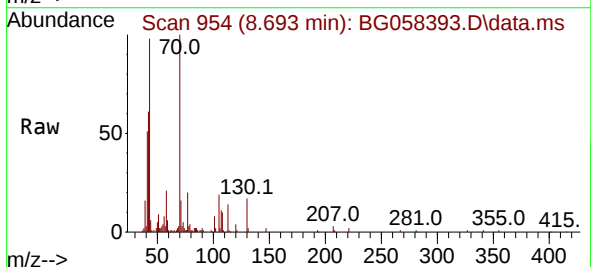
Manual Integrations  
APPROVED

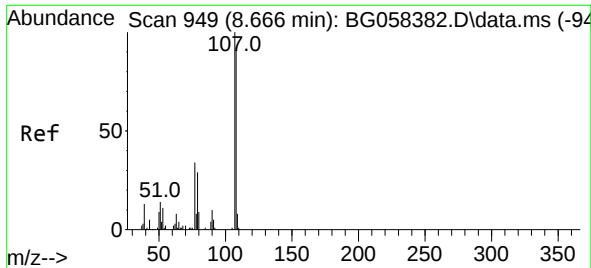
Reviewed By :Yogesh Patel 07/22/2023  
Supervised By :mohammad ahmed 07/22/2023



#17  
N-Nitroso-di-n-propylamine  
Concen: 25.453 ng/ul  
RT: 8.693 min Scan# 954  
Delta R.T. -0.011 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45

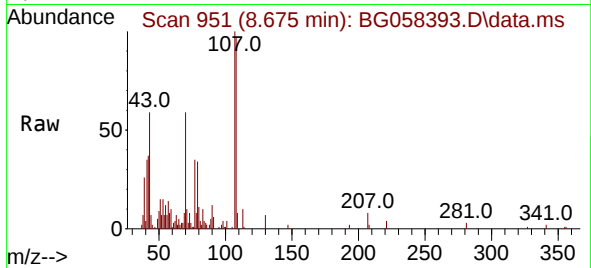
Tgt Ion: 70 Resp: 81038  
Ion Ratio Lower Upper  
70 100  
42 61.2 46.6 69.8  
101 8.1 7.3 10.9  
130 16.8 14.2 21.2





#18  
4-Methylphenol  
Concen: 7.576 ng/ul  
RT: 8.675 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45

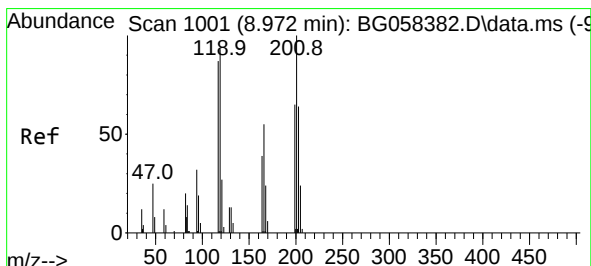
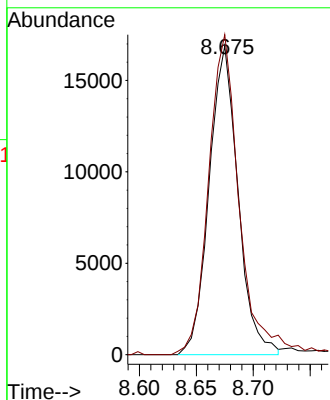
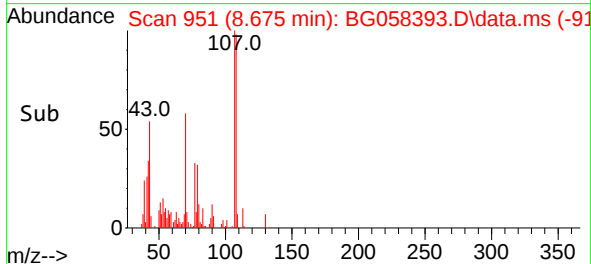
Instrument :  
BNA\_G  
ClientSampleId :  
A46T5MSD



Tgt Ion:108 Resp: 2984  
Ion Ratio Lower Upper  
108 100  
107 103.6 90.6 136.0

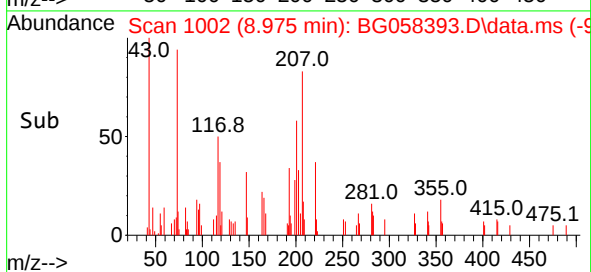
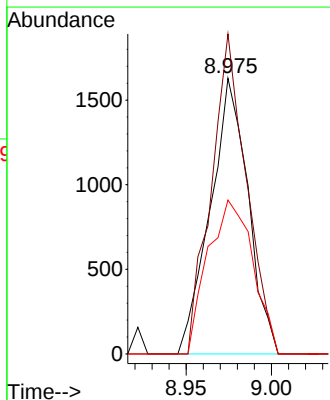
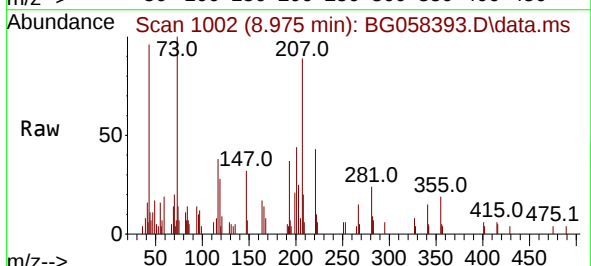
Manual Integrations  
APPROVED

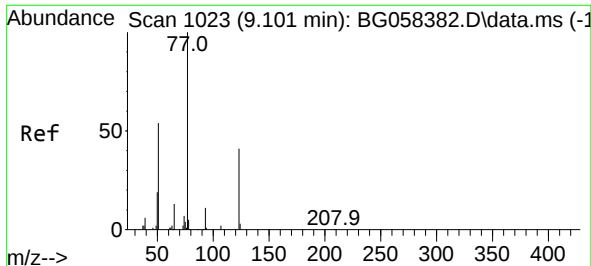
Reviewed By :Yogesh Patel 07/22/2023  
Supervised By :mohammad ahmed 07/22/2023



#19  
Hexachloroethane  
Concen: 1.937 ng/ul  
RT: 8.975 min Scan# 1002  
Delta R.T. -0.005 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45

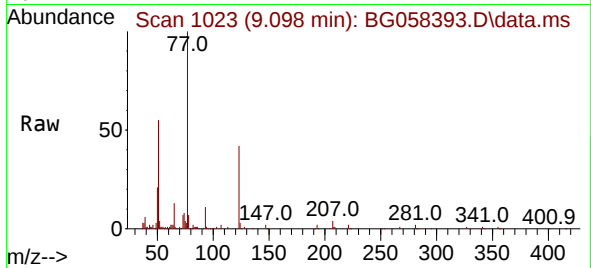
Tgt Ion:117 Resp: 2506  
Ion Ratio Lower Upper  
117 100  
201 116.1 103.6 155.4  
199 55.8 60.1 90.1#





#22  
Nitrobenzene  
Concen: 25.287 ng/ul  
RT: 9.098 min Scan# 1023  
Delta R.T. -0.005 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45

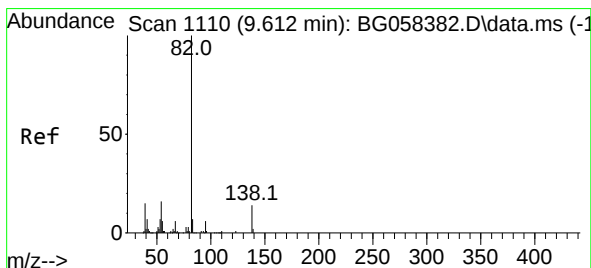
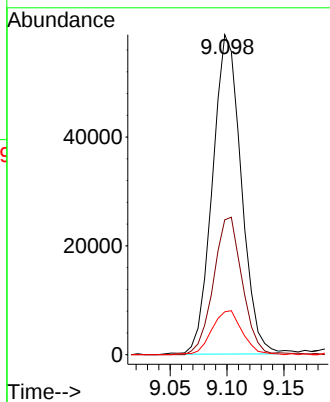
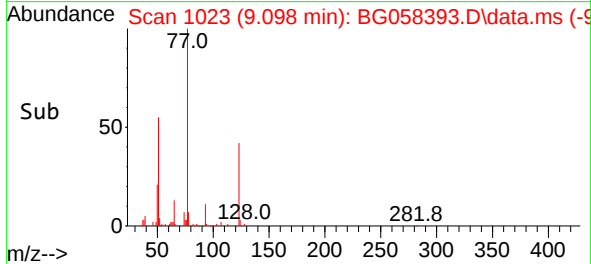
Instrument :  
BNA\_G  
ClientSampleId :  
A46T5MSD



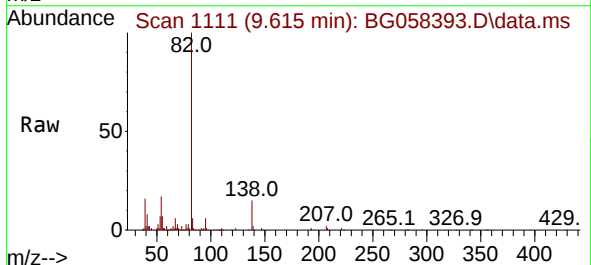
Tgt Ion: 77 Resp: 103284  
Ion Ratio Lower Upper  
77 100  
123 42.1 34.0 51.0  
65 13.4 11.0 16.6

Manual Integrations  
APPROVED

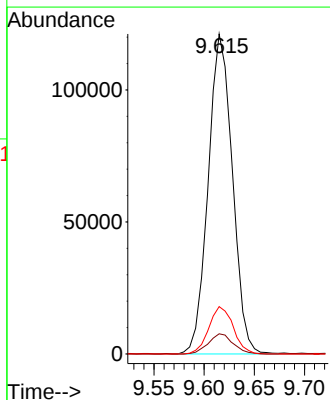
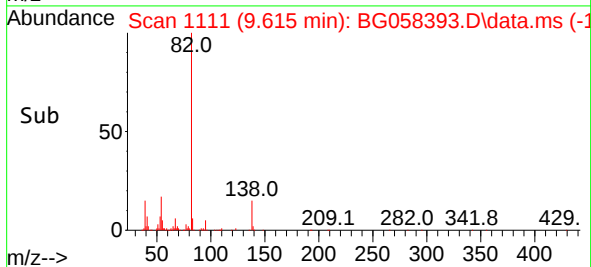
Reviewed By :Yogesh Patel 07/22/2023  
Supervised By :mohammad ahmed 07/22/2023

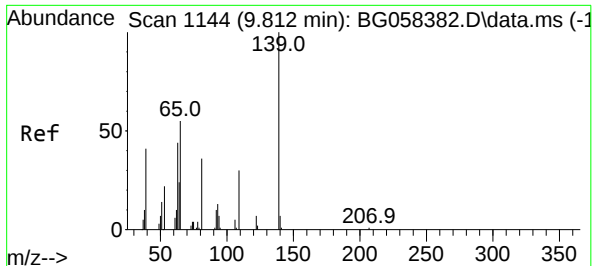


#23  
Isophorone  
Concen: 22.255 ng/ul  
RT: 9.615 min Scan# 1111  
Delta R.T. -0.005 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45



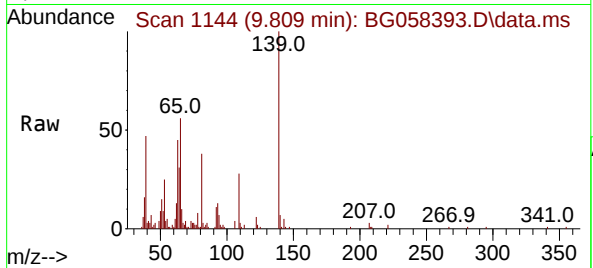
Tgt Ion: 82 Resp: 203793  
Ion Ratio Lower Upper  
82 100  
95 6.3 5.1 7.7  
138 14.8 11.9 17.9





#25  
2-Nitrophenol  
Concen: 26.887 ng/ul  
RT: 9.809 min Scan# 1144  
Delta R.T. -0.005 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45

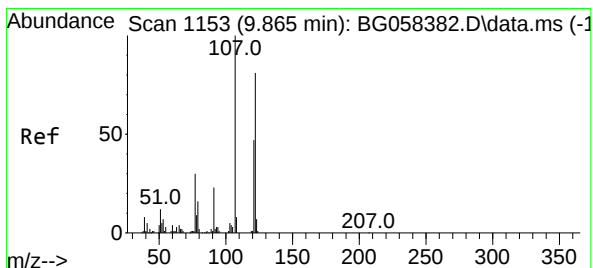
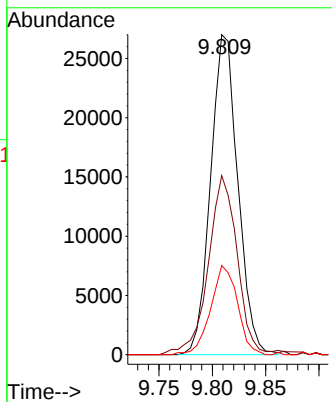
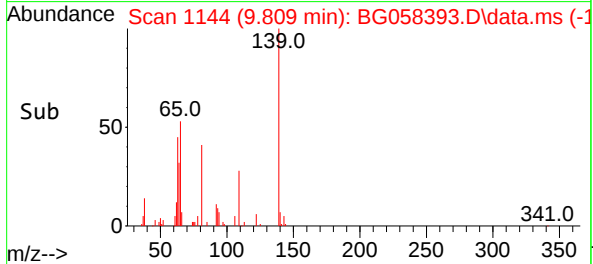
Instrument :  
BNA\_G  
ClientSampleId :  
A46T5MSD



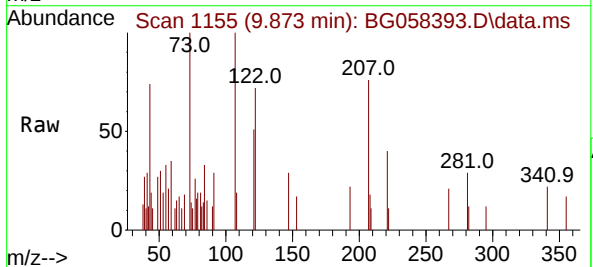
Tgt Ion:139 Resp: 4802  
Ion Ratio Lower Upper  
139 100  
65 56.0 49.2 73.8  
109 27.8 21.6 32.4

Manual Integrations  
APPROVED

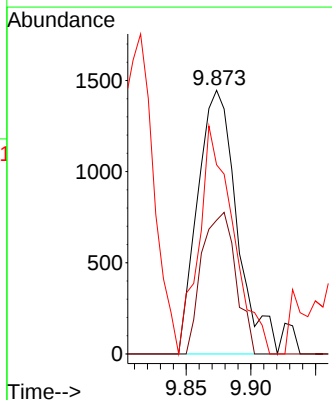
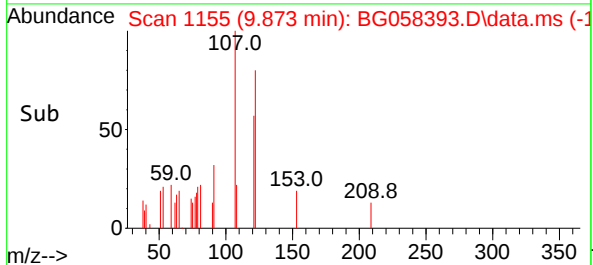
Reviewed By :Yogesh Patel 07/22/2023  
Supervised By :mohammad ahmed 07/22/2023

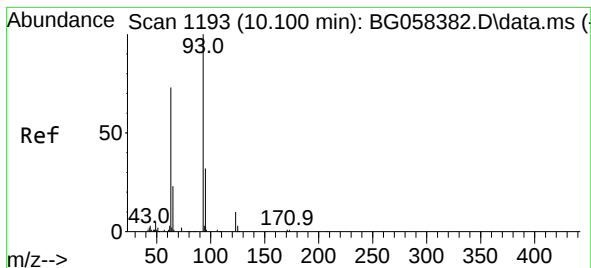


#26  
2,4-Dimethylphenol  
Concen: 0.768 ng/ul m  
RT: 9.873 min Scan# 1155  
Delta R.T. 0.001 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45



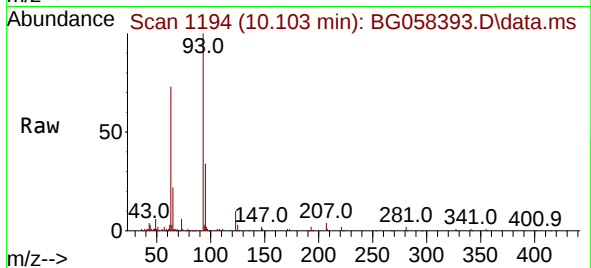
Tgt Ion:107 Resp: 3057  
Ion Ratio Lower Upper  
107 100  
121 50.7 39.1 58.7  
122 71.7 68.9 103.3





#27  
 Bis(2-Chloroethoxy)methane  
 Concen: 24.473 ng/ul  
 RT: 10.103 min Scan# 1193  
 Delta R.T. -0.005 min  
 Lab File: BG058393.D  
 Acq: 21 Jul 2023 18:45

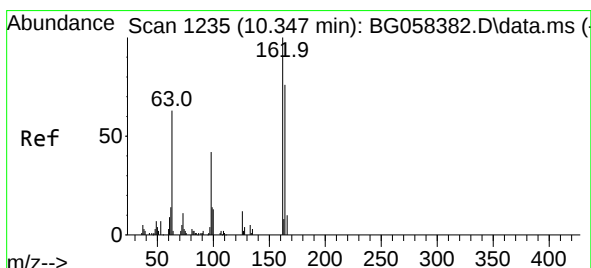
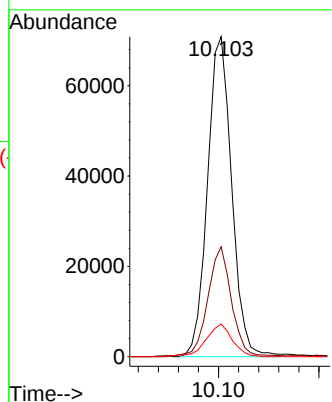
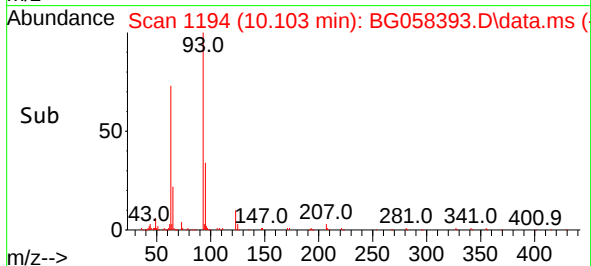
Instrument :  
 BNA\_G  
 ClientSampleId :  
 A46T5MSD



Tgt Ion: 93 Resp: 11868  
 Ion Ratio Lower Upper  
 93 100  
 95 34.3 25.8 38.8  
 123 10.2 9.3 13.9

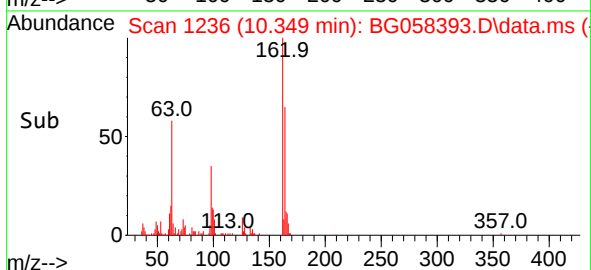
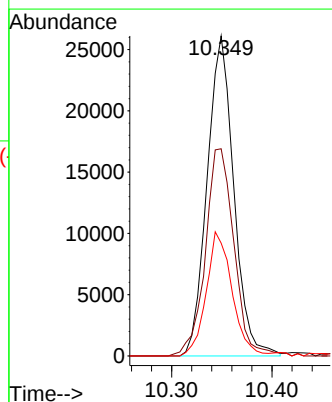
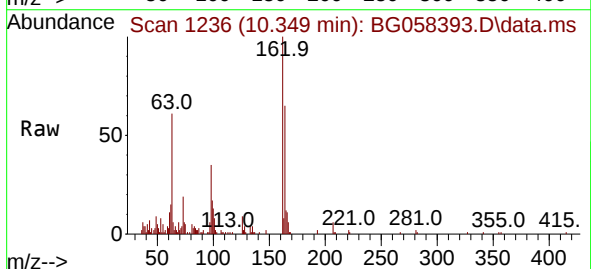
Manual Integrations  
 APPROVED

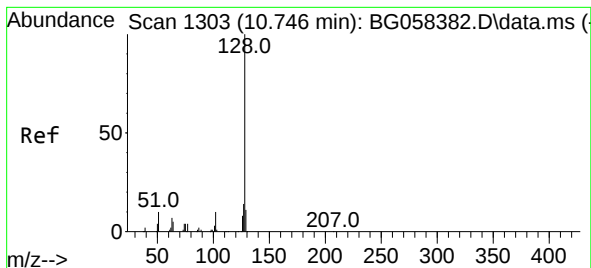
Reviewed By :Yogesh Patel 07/22/2023  
 Supervised By :mohammad ahmed 07/22/2023



#29  
 2,4-Dichlorophenol  
 Concen: 15.880 ng/ul  
 RT: 10.349 min Scan# 1236  
 Delta R.T. 0.001 min  
 Lab File: BG058393.D  
 Acq: 21 Jul 2023 18:45

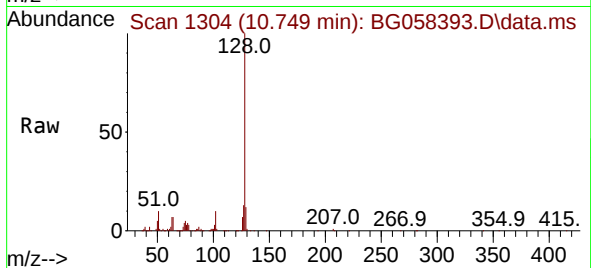
Tgt Ion:162 Resp: 48311  
 Ion Ratio Lower Upper  
 162 100  
 164 64.7 58.4 87.6  
 98 35.3 29.6 44.4





#30  
Naphthalene  
Concen: 18.032 ng/ul  
RT: 10.749 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45

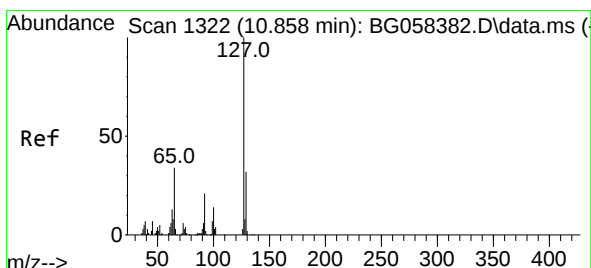
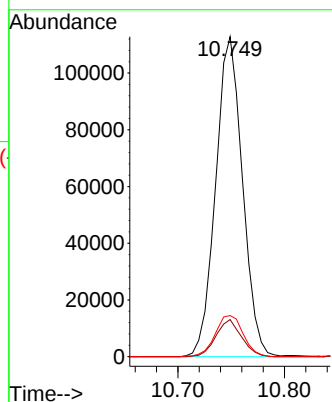
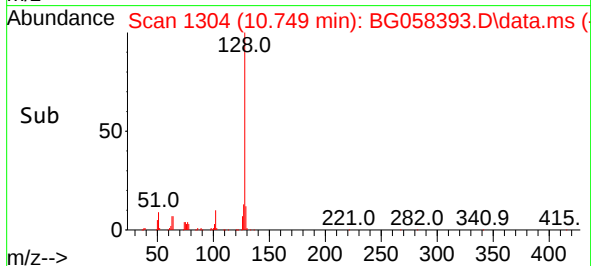
Instrument :  
BNA\_G  
ClientSampleId :  
A46T5MSD



Tgt Ion:128 Resp: 19694  
Ion Ratio Lower Upper  
128 100  
129 11.6 8.8 13.2  
127 12.9 10.8 16.2

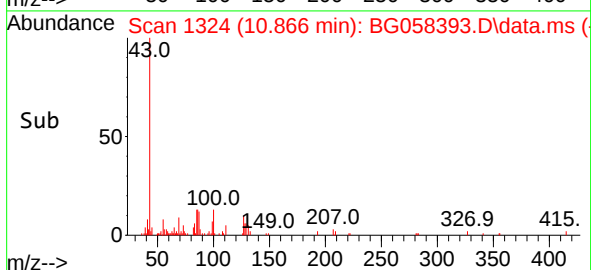
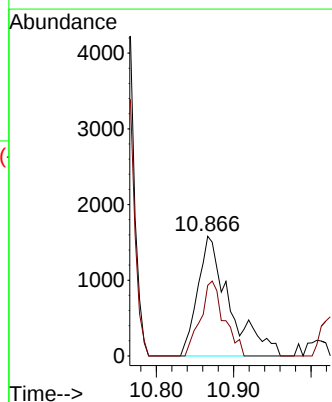
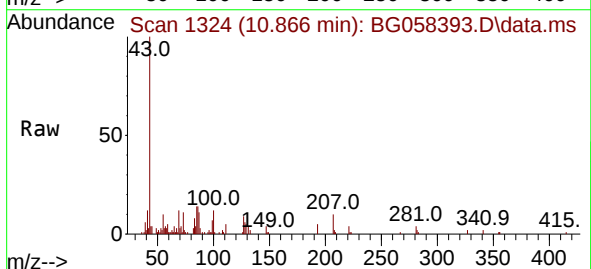
Manual Integrations  
APPROVED

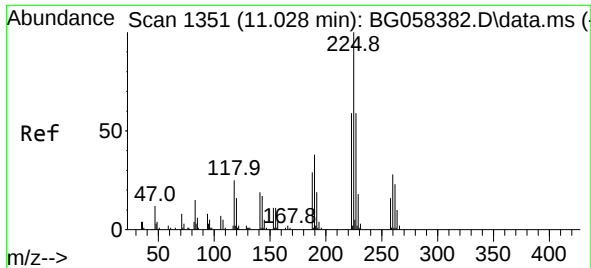
Reviewed By :Yogesh Patel 07/22/2023  
Supervised By :mohammad ahmed 07/22/2023



#32  
4-Chloroaniline  
Concen: 0.960 ng/ul m  
RT: 10.866 min Scan# 1324  
Delta R.T. 0.006 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45

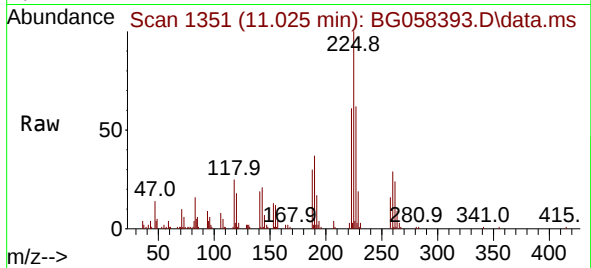
Tgt Ion:127 Resp: 4559  
Ion Ratio Lower Upper  
127 100  
129 59.1 26.1 39.1#





#33  
Hexachlorobutadiene  
Concen: 23.205 ng/ul  
RT: 11.025 min Scan# 1102  
Delta R.T. -0.005 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45

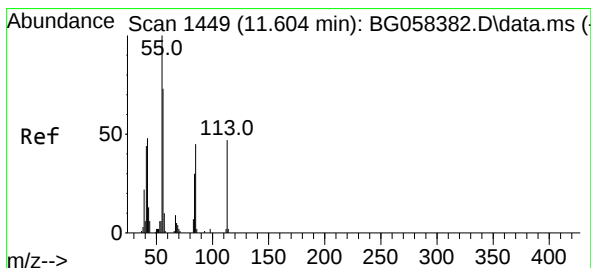
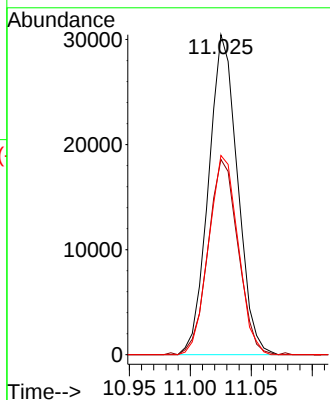
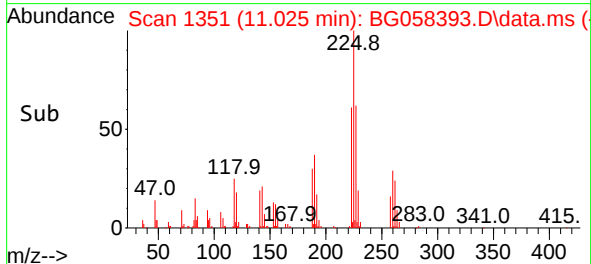
Instrument :  
BNA\_G  
ClientSampleId :  
A46T5MSD



Tgt Ion:225 Resp: 50480  
Ion Ratio Lower Upper  
225 100  
223 63.8 49.7 74.5  
227 62.3 53.2 79.8

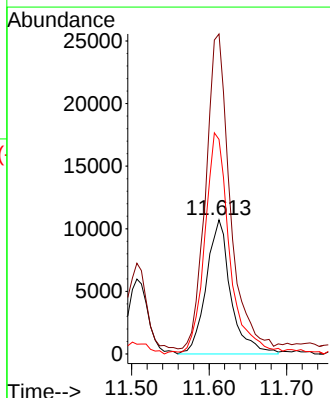
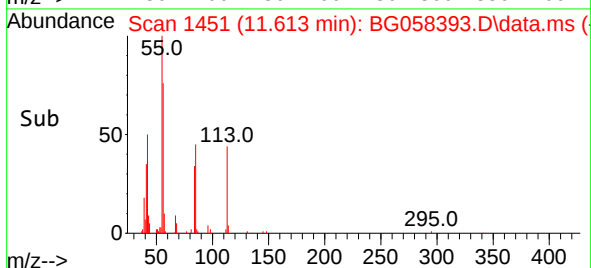
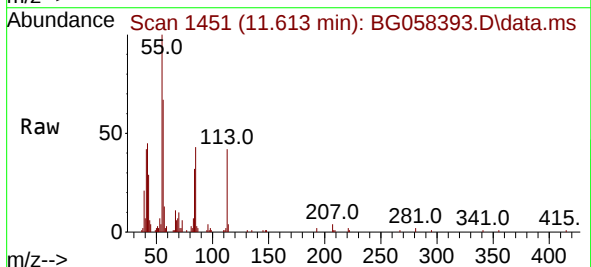
Manual Integrations  
APPROVED

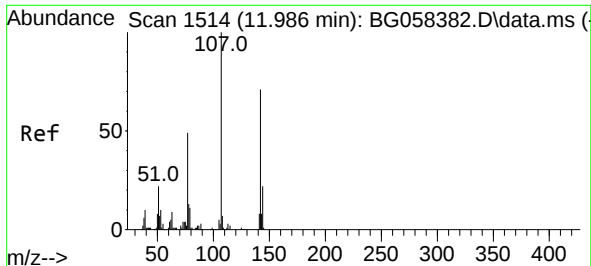
Reviewed By :Yogesh Patel 07/22/2023  
Supervised By :mohammad ahmed 07/22/2023



#34  
Caprolactam  
Concen: 18.679 ng/ul  
RT: 11.613 min Scan# 1451  
Delta R.T. -0.023 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45

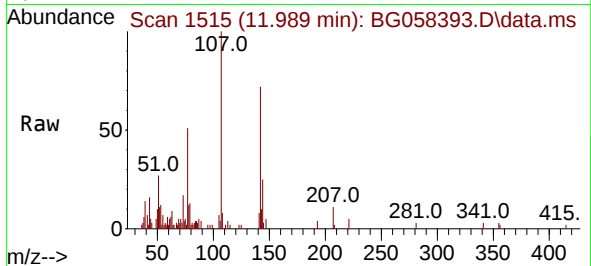
Tgt Ion:113 Resp: 23603  
Ion Ratio Lower Upper  
113 100  
55 238.7 179.8 269.6  
56 160.1 132.2 198.4





#35  
4-Chloro-3-methylphenol  
Concen: 4.961 ng/ul  
RT: 11.989 min Scan# 1515  
Delta R.T. 0.001 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45

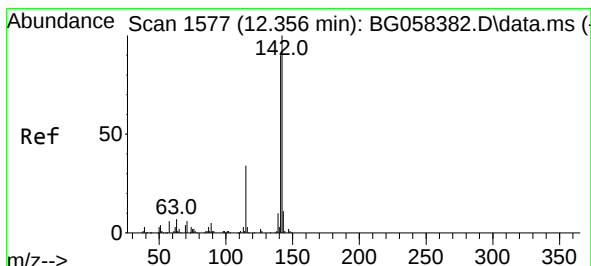
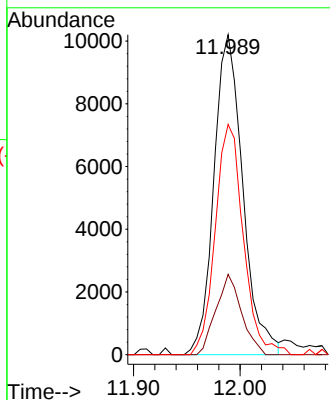
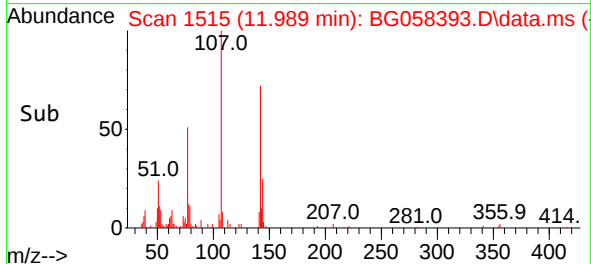
Instrument :  
BNA\_G  
ClientSampleId :  
A46T5MSD



Tgt Ion:107 Resp: 19209  
Ion Ratio Lower Upper  
107 100  
144 25.1 19.0 28.6  
142 71.9 55.8 83.6

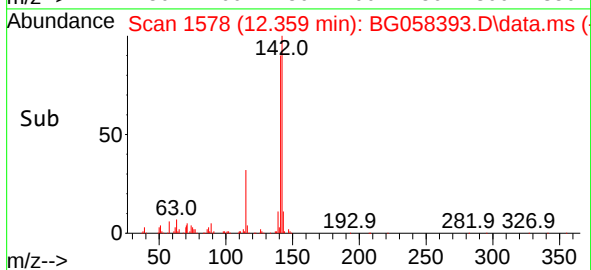
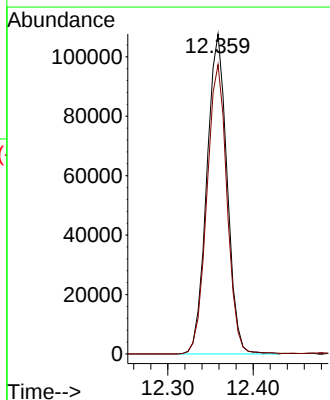
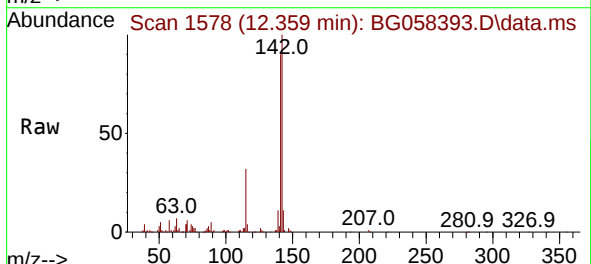
Manual Integrations  
APPROVED

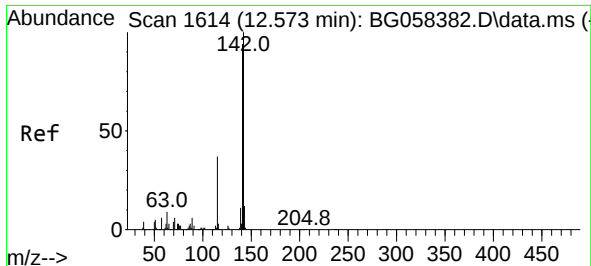
Reviewed By :Yogesh Patel 07/22/2023  
Supervised By :mohammad ahmed 07/22/2023



#36  
2-Methylnaphthalene  
Concen: 24.249 ng/ul  
RT: 12.359 min Scan# 1578  
Delta R.T. 0.001 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45

Tgt Ion:142 Resp: 177440  
Ion Ratio Lower Upper  
142 100  
141 90.5 72.6 108.8





#37

1-Methylnaphthalene

Concen: 21.985 ng/ul

RT: 12.576 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG058393.D

Acq: 21 Jul 2023 18:45

Instrument :

BNA\_G

ClientSampleId :

A46T5MSD

Tgt Ion:142 Resp: 164878

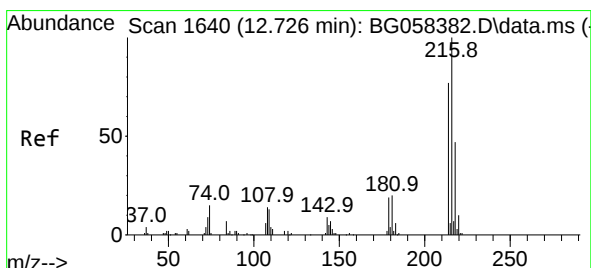
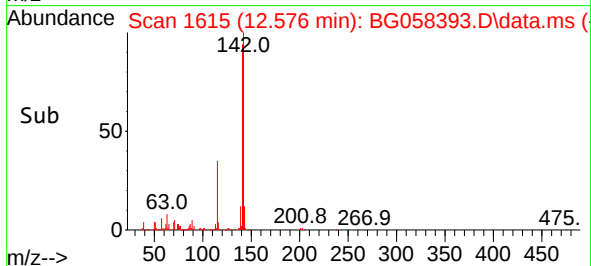
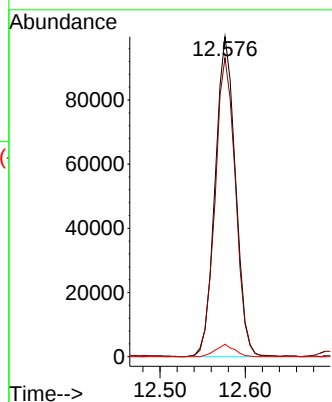
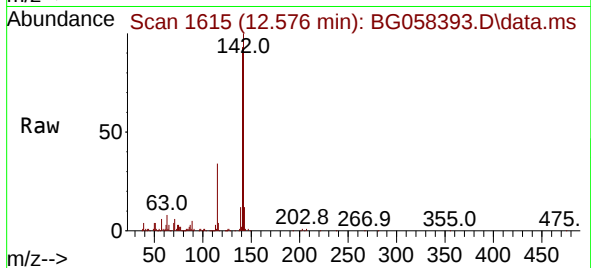
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 141 | 93.4  | 75.8  | 113.6 |
| 116 | 3.9   | 3.2   | 4.8   |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/22/2023

Supervised By :mohammad ahmed 07/22/2023



#39

1,2,4,5-Tetrachlorobenzene

Concen: 7.940 ng/ul

RT: 12.729 min Scan# 1641

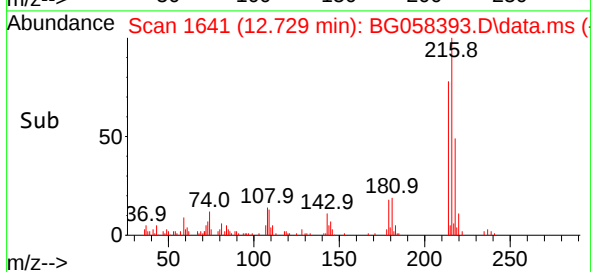
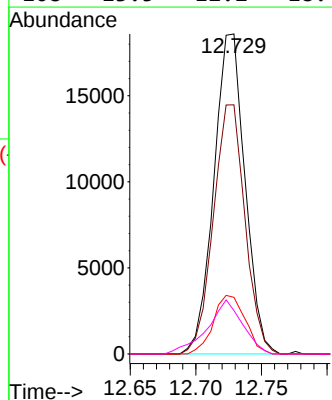
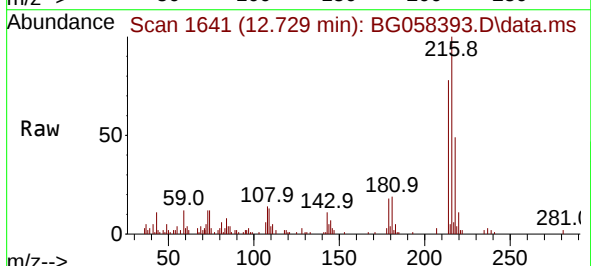
Delta R.T. 0.001 min

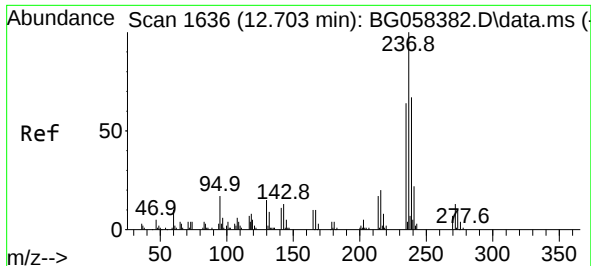
Lab File: BG058393.D

Acq: 21 Jul 2023 18:45

Tgt Ion:216 Resp: 30674

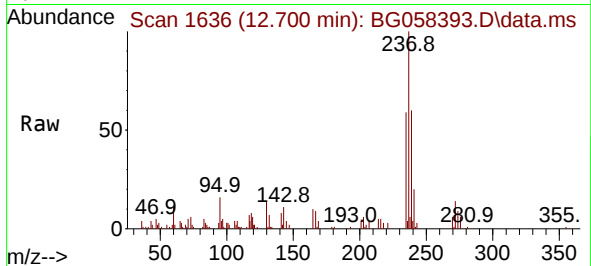
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100   |       |       |
| 214 | 77.9  | 62.2  | 93.4  |
| 179 | 17.7  | 16.2  | 24.2  |
| 108 | 13.5  | 12.2  | 18.4  |





#40  
Hexachlorocyclopentadiene  
Concen: 13.993 ng/ul  
RT: 12.700 min Scan# 1636  
Delta R.T. -0.005 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45

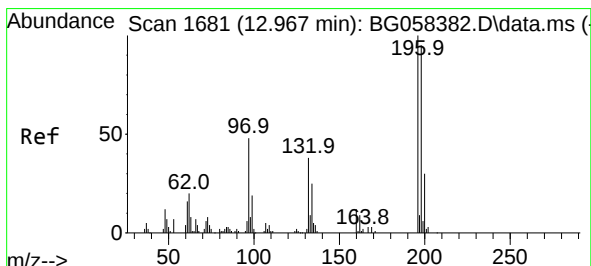
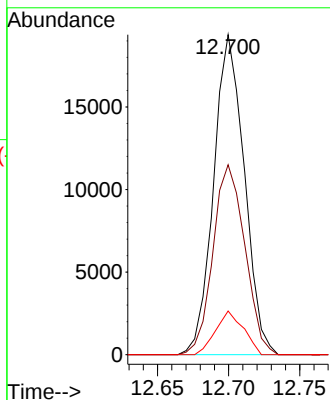
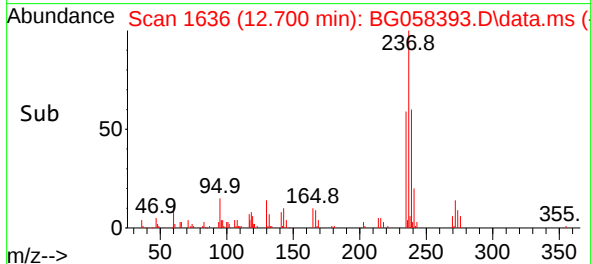
Instrument :  
BNA\_G  
ClientSampleId :  
A46T5MSD



Tgt Ion:237 Resp: 2907  
Ion Ratio Lower Upper  
237 100  
235 59.4 50.9 76.3  
272 13.7 10.8 16.2

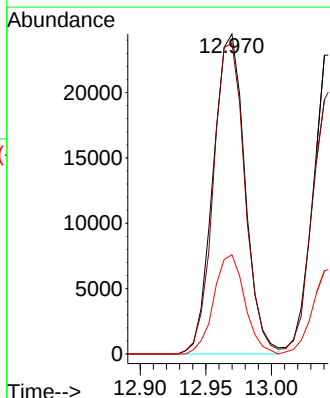
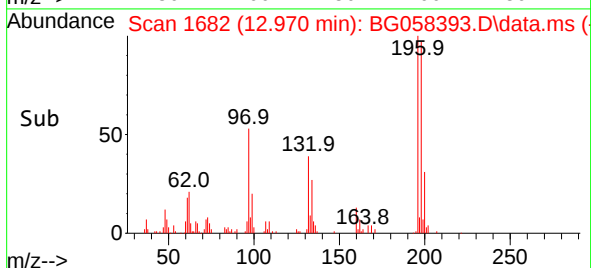
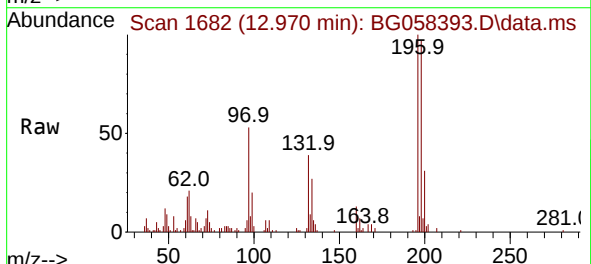
Manual Integrations  
APPROVED

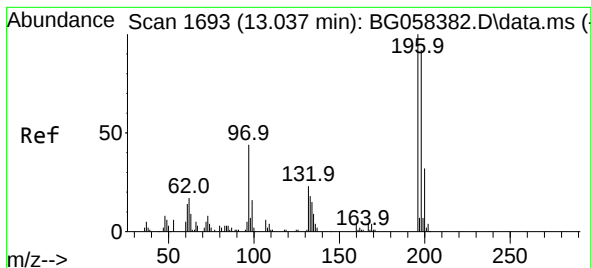
Reviewed By :Yogesh Patel 07/22/2023  
Supervised By :mohammad ahmed 07/22/2023



#41  
2,4,6-Trichlorophenol  
Concen: 15.796 ng/ul  
RT: 12.970 min Scan# 1682  
Delta R.T. 0.001 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45

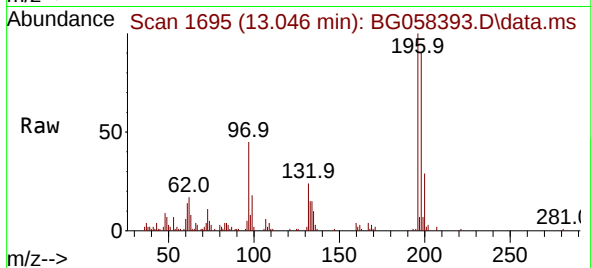
Tgt Ion:196 Resp: 41308  
Ion Ratio Lower Upper  
196 100  
198 97.1 77.7 116.5  
200 31.0 25.0 37.6





#42  
2,4,5-Trichlorophenol  
Concen: 13.618 ng/ul  
RT: 13.046 min Scan# 1693  
Delta R.T. 0.000 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45

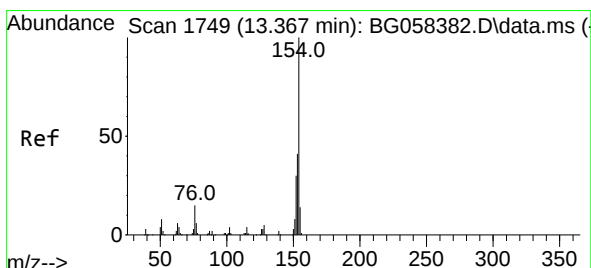
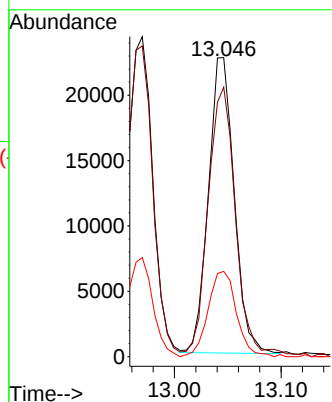
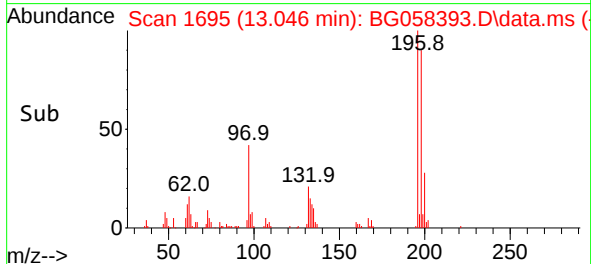
Instrument :  
BNA\_G  
ClientSampleId :  
A46T5MSD



Tgt Ion:196 Resp: 37974  
Ion Ratio Lower Upper  
196 100  
198 90.1 74.8 112.2  
200 28.5 24.4 36.6

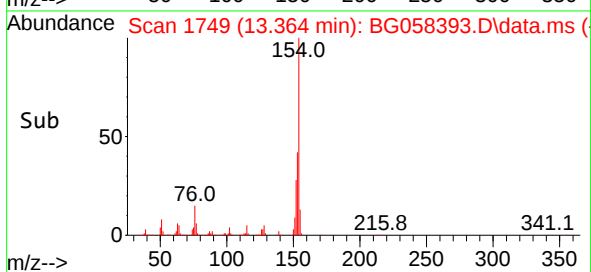
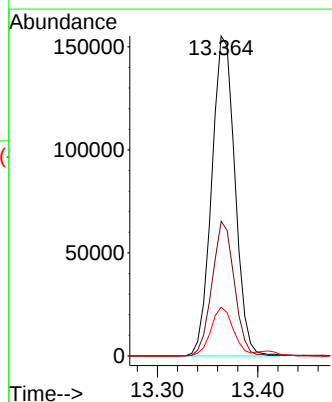
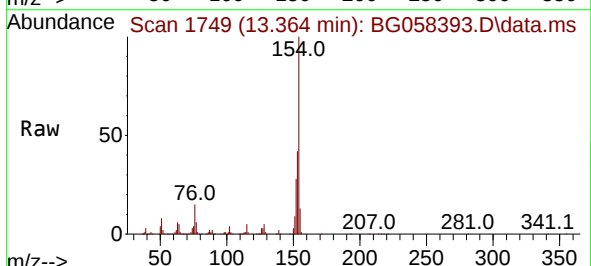
Manual Integrations  
APPROVED

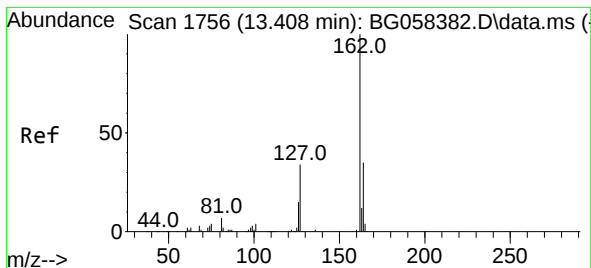
Reviewed By :Yogesh Patel 07/22/2023  
Supervised By :mohammad ahmed 07/22/2023



#43  
1,1'-Biphenyl  
Concen: 27.629 ng/ul  
RT: 13.364 min Scan# 1749  
Delta R.T. -0.005 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45

Tgt Ion:154 Resp: 249315  
Ion Ratio Lower Upper  
154 100  
153 42.0 31.8 47.6  
76 15.2 11.7 17.5





#44

2-Chloronaphthalene

Concen: 15.271 ng/ul

RT: 13.411 min Scan# 1756

Delta R.T. -0.005 min

Lab File: BG058393.D

Acq: 21 Jul 2023 18:45

Instrument :

BNA\_G

ClientSampleId :

A46T5MSD

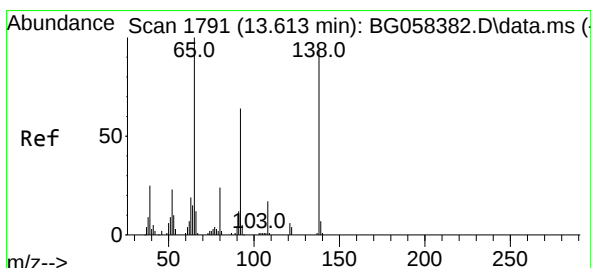
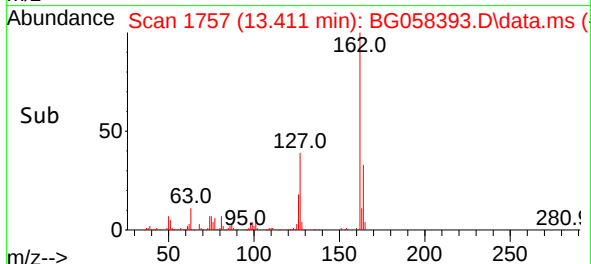
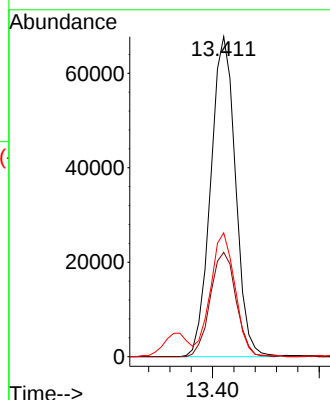
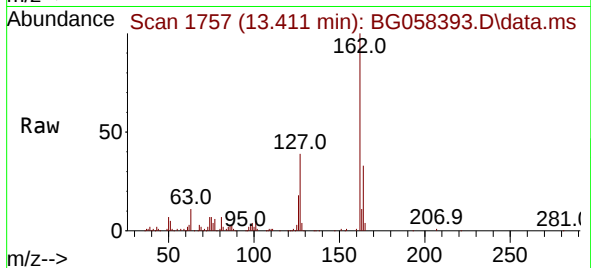
Tgt Ion:162 Resp: 10956  
 Ion Ratio Lower Upper  
 162 100  
 164 32.6 26.2 39.2  
 127 38.7 29.8 44.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/22/2023

Supervised By :mohammad ahmed 07/22/2023



#45

2-Nitroaniline

Concen: 25.453 ng/ul

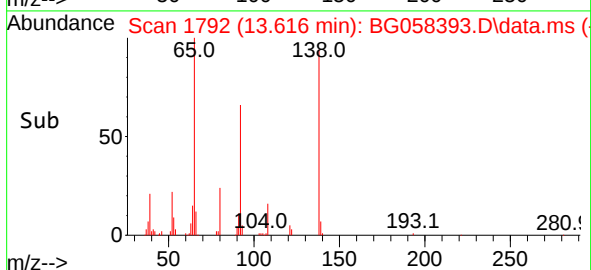
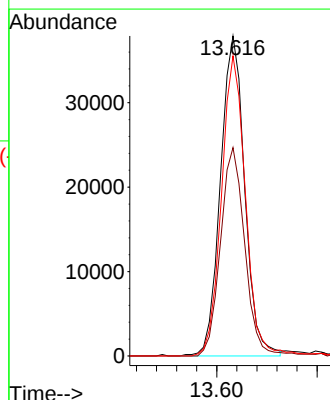
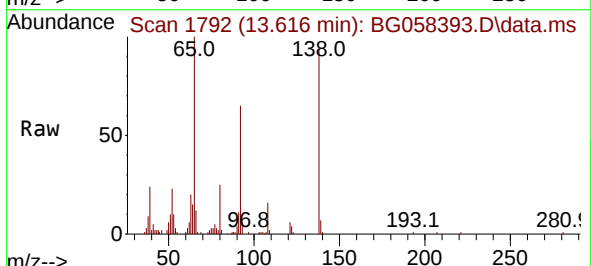
RT: 13.616 min Scan# 1792

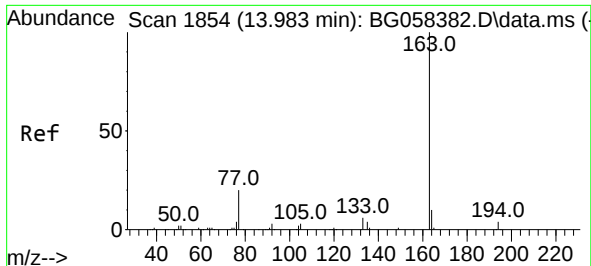
Delta R.T. 0.001 min

Lab File: BG058393.D

Acq: 21 Jul 2023 18:45

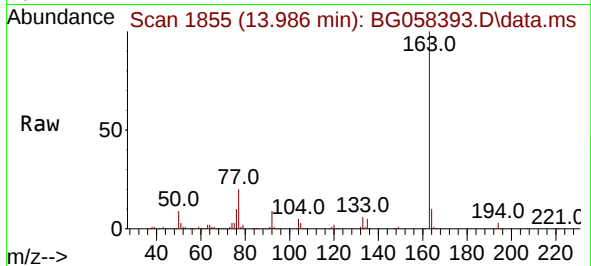
Tgt Ion: 65 Resp: 63432  
 Ion Ratio Lower Upper  
 65 100  
 92 65.1 51.4 77.2  
 138 93.7 71.6 107.4





#47  
Dimethylphthalate  
Concen: 24.326 ng/ul  
RT: 13.986 min Scan# 1855  
Delta R.T. 0.001 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45

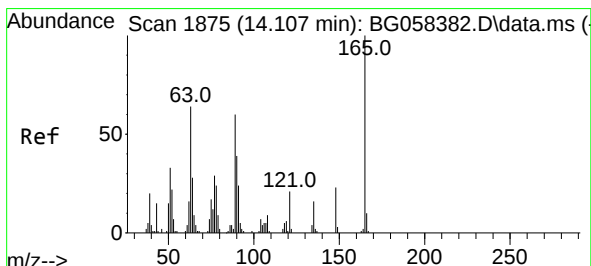
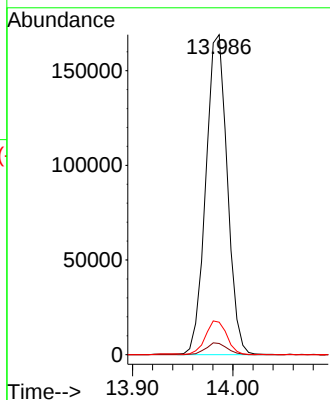
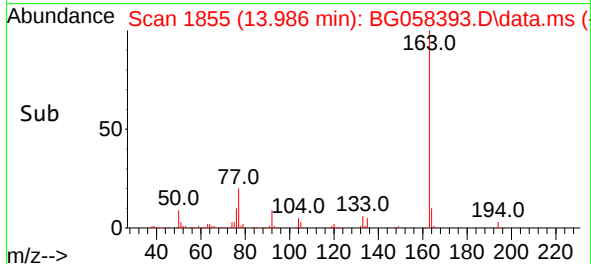
Instrument :  
BNA\_G  
ClientSampleId :  
A46T5MSD



Tgt Ion:163 Resp: 251440  
Ion Ratio Lower Upper  
163 100  
194 3.5 2.6 3.8  
164 10.1 8.2 12.2

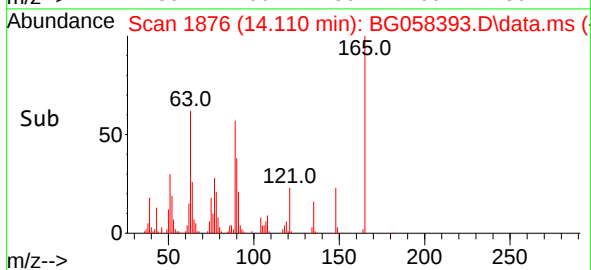
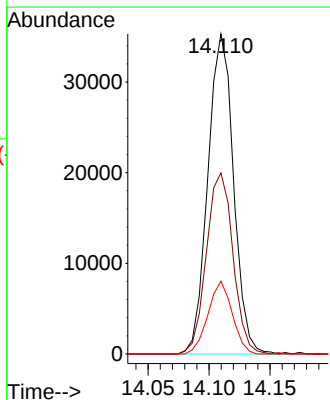
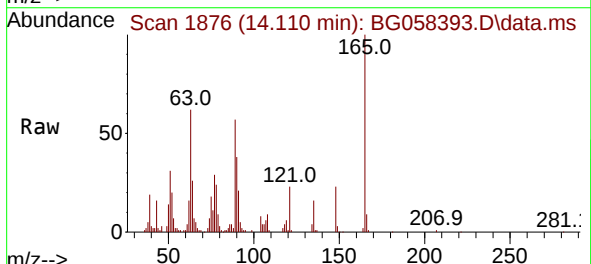
Manual Integrations  
APPROVED

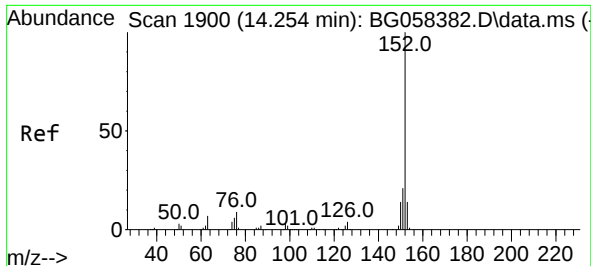
Reviewed By :Yogesh Patel 07/22/2023  
Supervised By :mohammad ahmed 07/22/2023



#48  
2,6-Dinitrotoluene  
Concen: 25.883 ng/ul  
RT: 14.110 min Scan# 1876  
Delta R.T. 0.001 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45

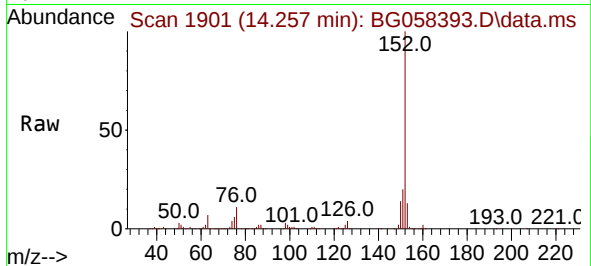
Tgt Ion:165 Resp: 51699  
Ion Ratio Lower Upper  
165 100  
89 56.6 48.9 73.3  
121 22.8 16.2 24.4





#50  
Acenaphthylene  
Concen: 13.210 ng/ul  
RT: 14.257 min Scan# 1900  
Delta R.T. -0.005 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45

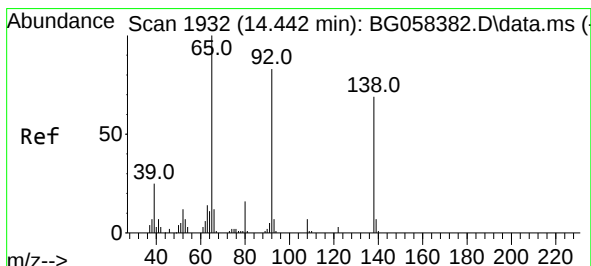
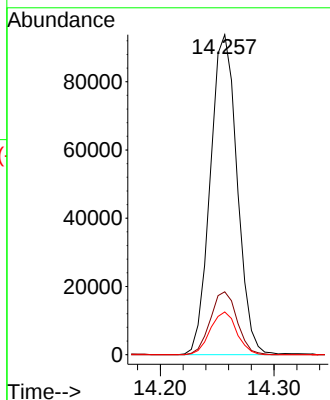
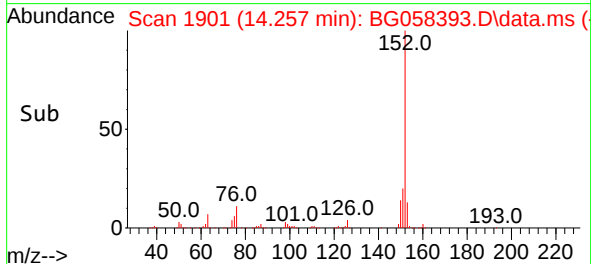
Instrument :  
BNA\_G  
ClientSampleId :  
A46T5MSD



Tgt Ion:152 Resp: 15377  
Ion Ratio Lower Upper  
152 100  
151 19.7 16.4 24.6  
153 13.4 10.6 16.0

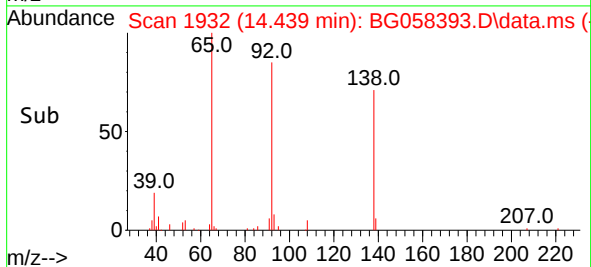
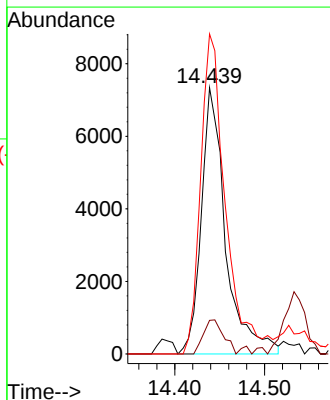
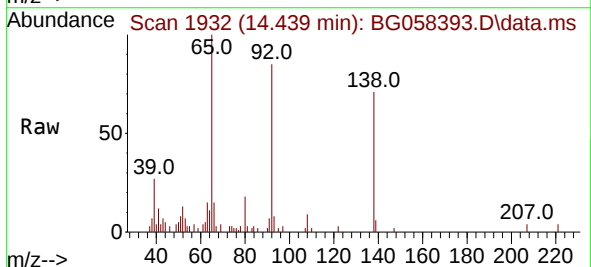
Manual Integrations  
APPROVED

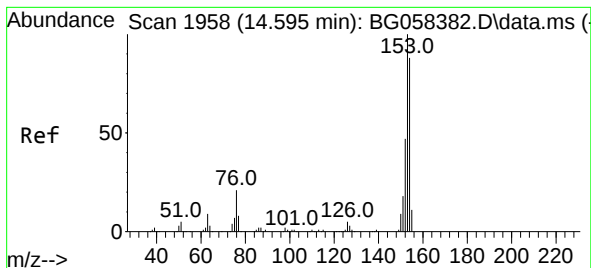
Reviewed By :Yogesh Patel 07/22/2023  
Supervised By :mohammad ahmed 07/22/2023



#51  
3-Nitroaniline  
Concen: 8.277 ng/ul  
RT: 14.439 min Scan# 1932  
Delta R.T. -0.005 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45

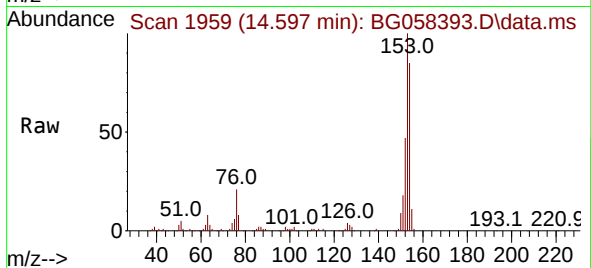
Tgt Ion:138 Resp: 13777  
Ion Ratio Lower Upper  
138 100  
108 12.6 8.6 13.0  
92 120.2 108.4 162.6





#52  
Acenaphthene  
Concen: 18.012 ng/ul  
RT: 14.597 min Scan# 1958  
Delta R.T. -0.005 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45

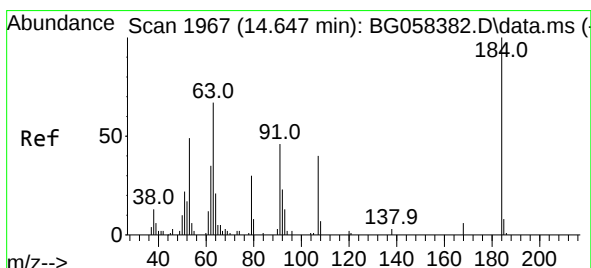
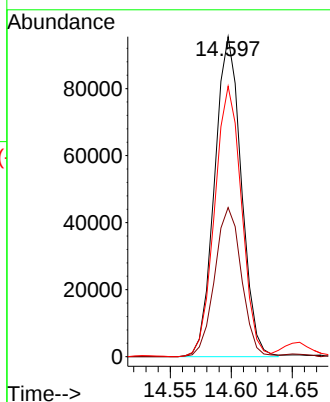
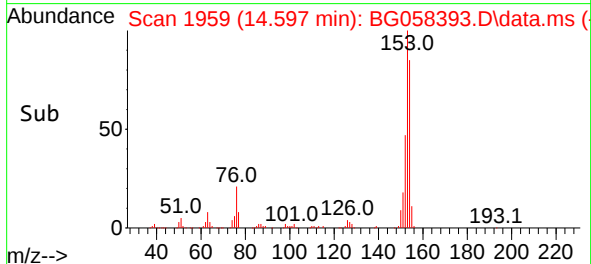
Instrument :  
BNA\_G  
ClientSampleId :  
A46T5MSD



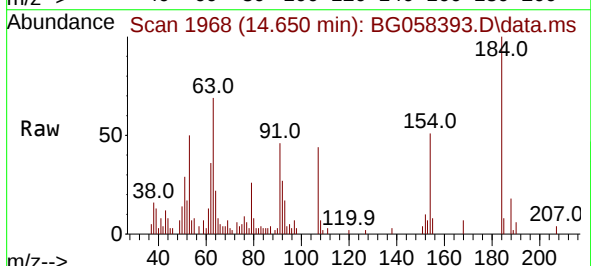
Tgt Ion:153 Resp: 145572  
Ion Ratio Lower Upper  
153 100  
152 46.6 39.1 58.7  
154 84.5 68.7 103.1

Manual Integrations  
APPROVED

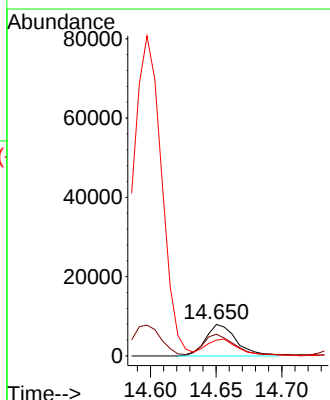
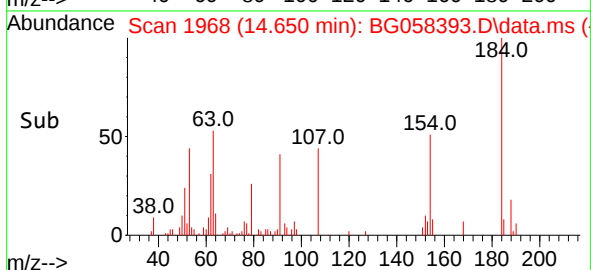
Reviewed By :Yogesh Patel 07/22/2023  
Supervised By :mohammad ahmed 07/22/2023

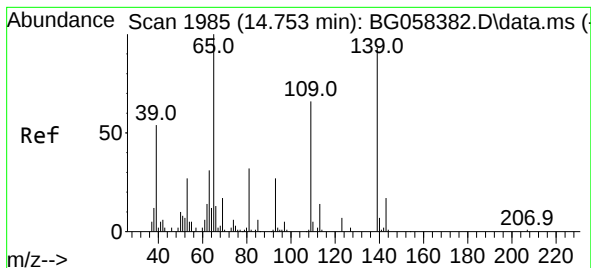


#53  
2,4-Dinitrophenol  
Concen: 12.190 ng/ul  
RT: 14.650 min Scan# 1968  
Delta R.T. 0.001 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45



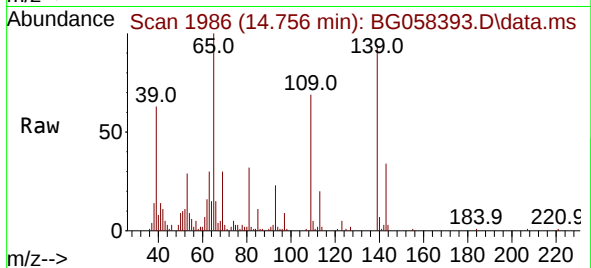
Tgt Ion:184 Resp: 12958  
Ion Ratio Lower Upper  
184 100  
63 69.0 52.9 79.3  
154 50.5 47.8 71.8





#55  
4-Nitrophenol  
Concen: 23.191 ng/ul  
RT: 14.756 min Scan# 1985  
Delta R.T. 0.001 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45

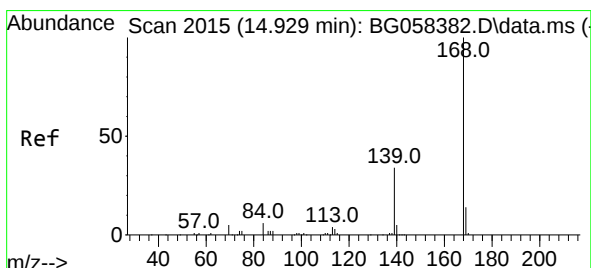
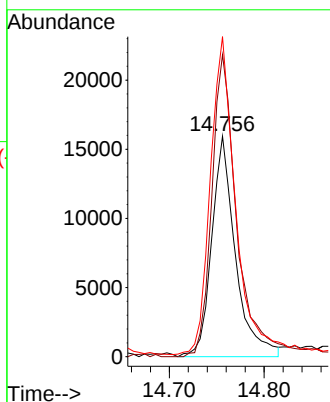
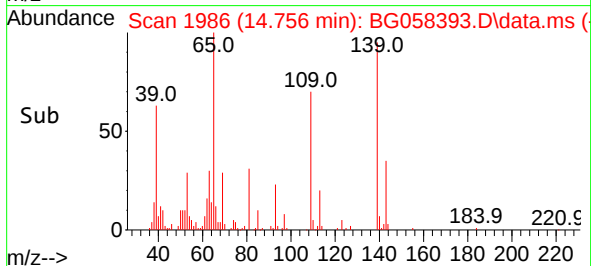
Instrument :  
BNA\_G  
ClientSampleId :  
A46T5MSD



Tgt Ion:109 Resp: 2775  
Ion Ratio Lower Upper  
109 100  
139 136.9 100.3 150.5  
65 145.1 120.6 180.8

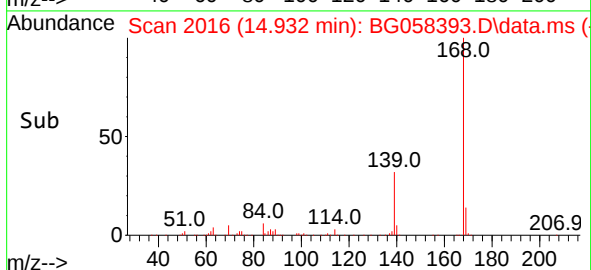
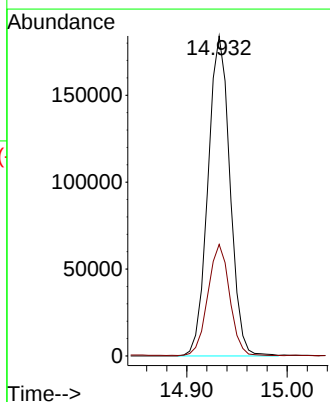
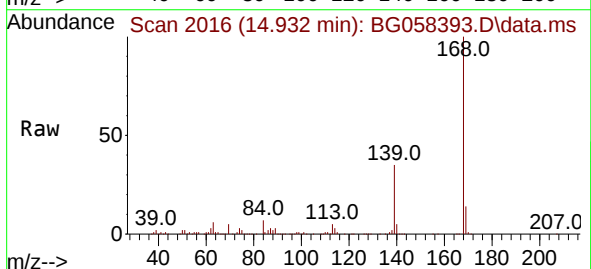
Manual Integrations  
APPROVED

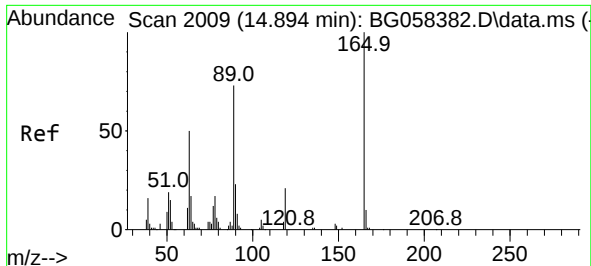
Reviewed By :Yogesh Patel 07/22/2023  
Supervised By :mohammad ahmed 07/22/2023



#56  
Dibenzofuran  
Concen: 24.358 ng/ul  
RT: 14.932 min Scan# 2016  
Delta R.T. -0.005 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45

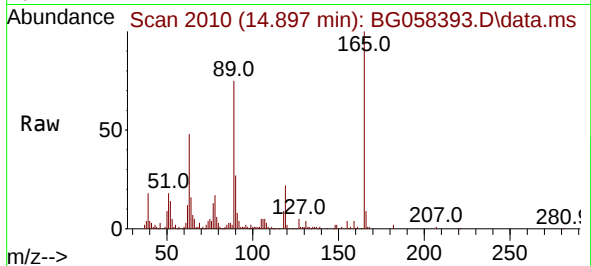
Tgt Ion:168 Resp: 280318  
Ion Ratio Lower Upper  
168 100  
139 34.9 27.8 41.8





#57  
2,4-Dinitrotoluene  
Concen: 25.640 ng/ul  
RT: 14.897 min Scan# 2009  
Delta R.T. -0.005 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45

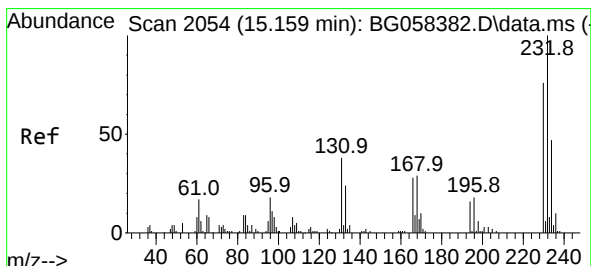
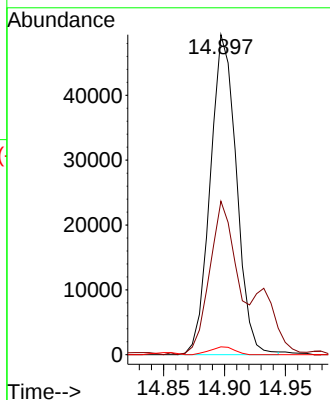
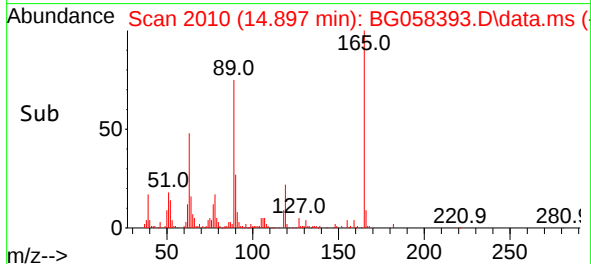
Instrument :  
BNA\_G  
ClientSampleId :  
A46T5MSD



Tgt Ion:165 Resp: 7386  
Ion Ratio Lower Upper  
165 100  
63 48.0 33.8 50.6  
182 2.4 1.2 1.8

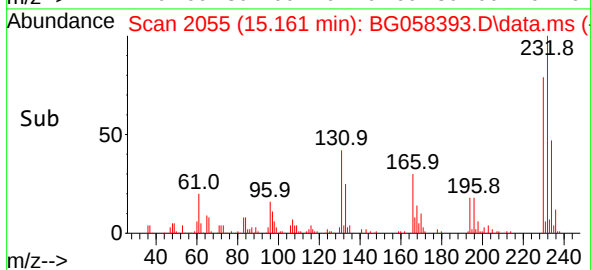
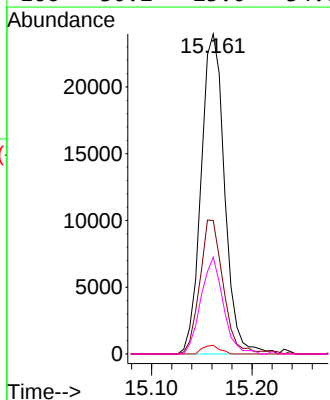
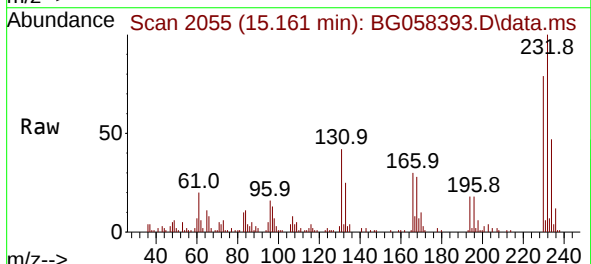
Manual Integrations  
APPROVED

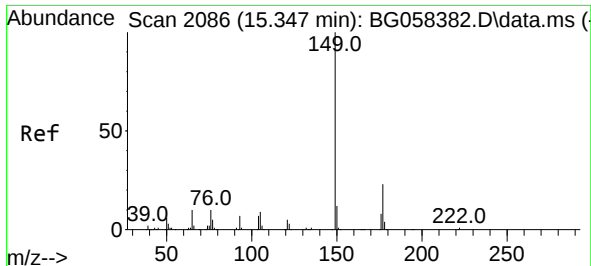
Reviewed By :Yogesh Patel 07/22/2023  
Supervised By :mohammad ahmed 07/22/2023



#58  
2,3,4,6-Tetrachlorophenol  
Concen: 15.156 ng/ul  
RT: 15.161 min Scan# 2055  
Delta R.T. 0.001 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45

Tgt Ion:232 Resp: 39047  
Ion Ratio Lower Upper  
232 100  
131 41.7 29.0 43.6  
130 2.7 1.1 1.7#  
166 30.2 23.0 34.6





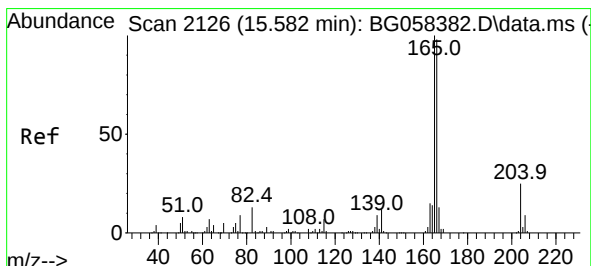
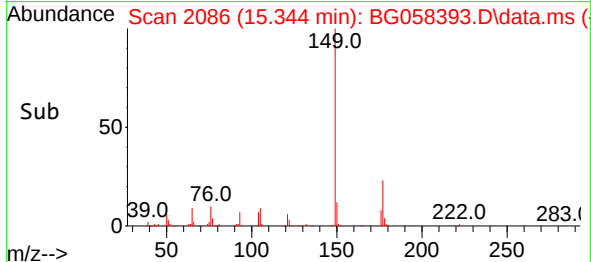
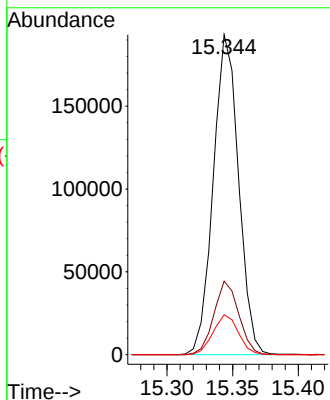
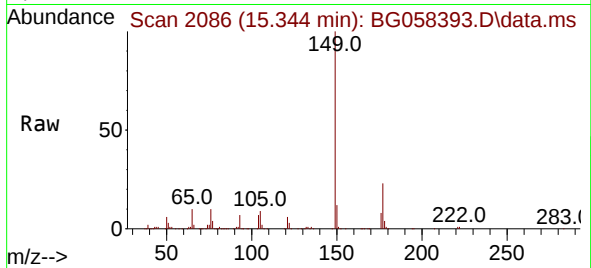
#59  
Diethylphthalate  
Concen: 24.317 ng/ul  
RT: 15.344 min Scan# 2086  
Delta R.T. -0.005 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45

Instrument :  
BNA\_G  
ClientSampleId :  
A46T5MSD

Tgt Ion:149 Resp: 258940  
Ion Ratio Lower Upper  
149 100  
177 23.0 18.4 27.6  
150 12.4 10.0 15.0

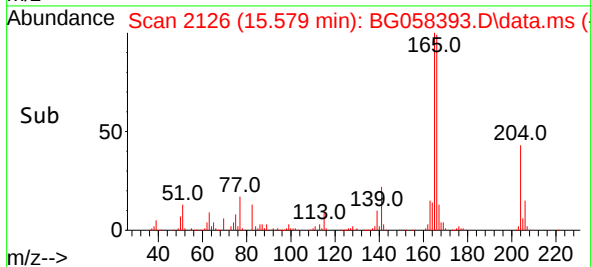
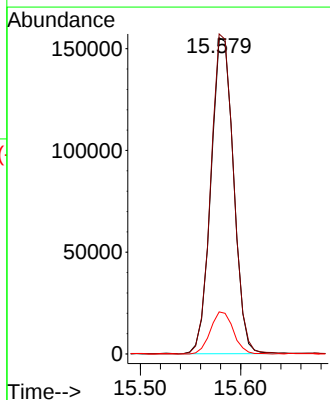
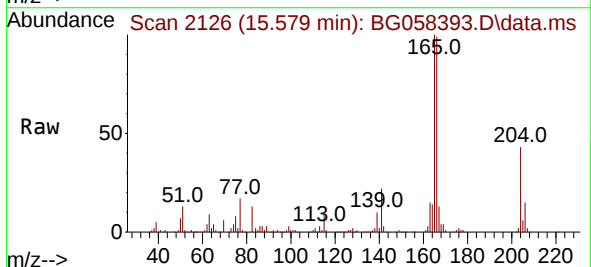
Manual Integrations  
APPROVED

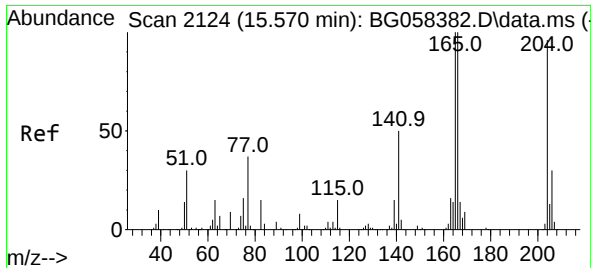
Reviewed By :Yogesh Patel 07/22/2023  
Supervised By :mohammad ahmed 07/22/2023



#61  
Fluorene  
Concen: 25.720 ng/ul  
RT: 15.579 min Scan# 2126  
Delta R.T. -0.005 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45

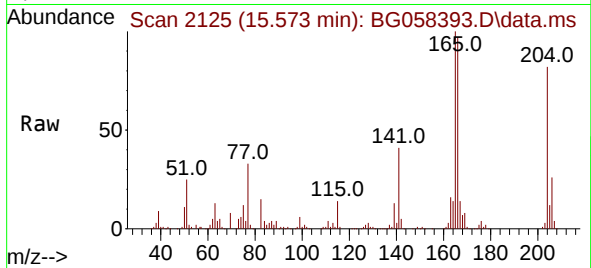
Tgt Ion:166 Resp: 242729  
Ion Ratio Lower Upper  
166 100  
165 101.2 80.2 120.2  
167 13.3 10.5 15.7





#62  
4-Chlorophenyl-phenylether  
Concen: 25.153 ng/ul  
RT: 15.573 min Scan# 2124  
Delta R.T. 0.001 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45

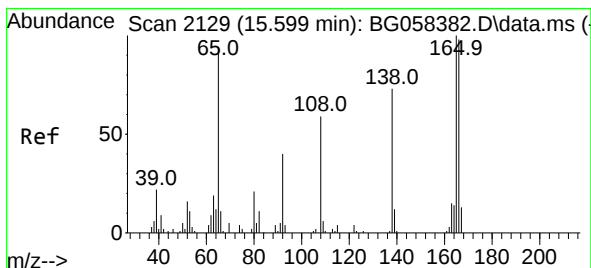
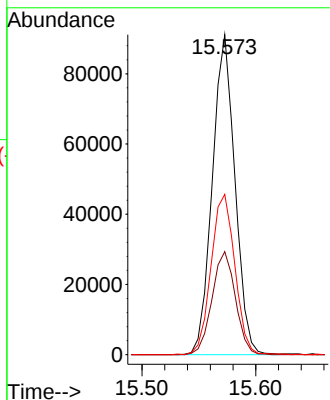
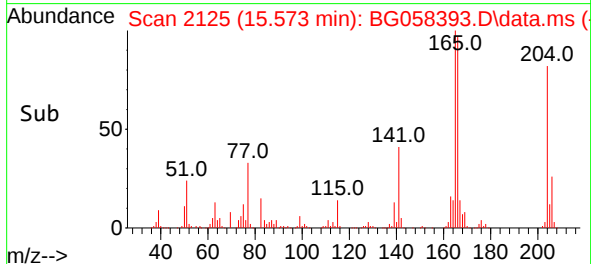
Instrument :  
BNA\_G  
ClientSampleId :  
A46T5MSD



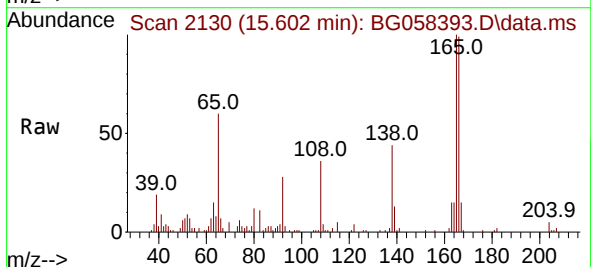
Tgt Ion:204 Resp: 126020  
Ion Ratio Lower Upper  
204 100  
206 32.2 26.0 39.0  
141 50.1 42.2 63.2

Manual Integrations  
APPROVED

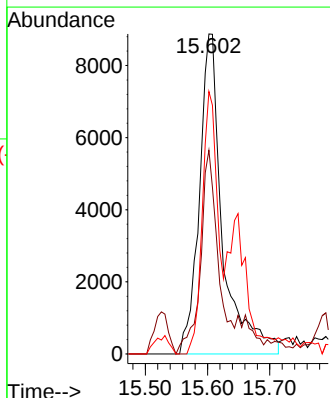
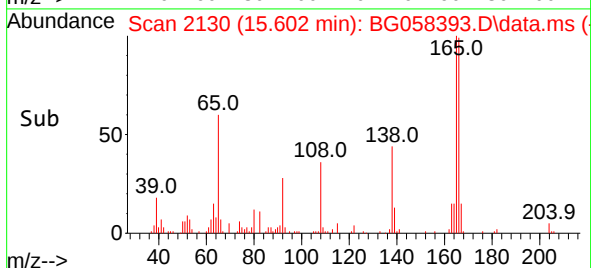
Reviewed By :Yogesh Patel 07/22/2023  
Supervised By :mohammad ahmed 07/22/2023

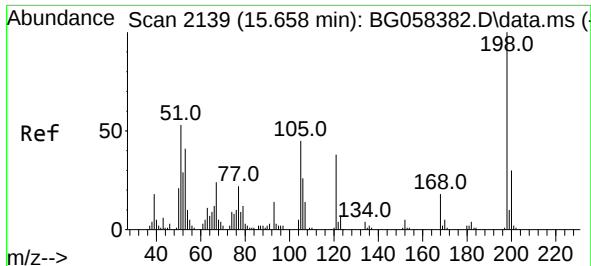


#63  
4-Nitroaniline  
Concen: 15.367 ng/ul m  
RT: 15.602 min Scan# 2130  
Delta R.T. -0.005 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45



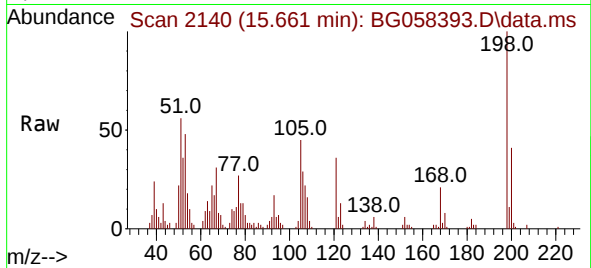
Tgt Ion:138 Resp: 23146  
Ion Ratio Lower Upper  
138 100  
92 63.7 45.0 67.4  
108 82.0 60.8 91.2





#66  
4,6-Dinitro-2-methylphenol  
Concen: 16.864 ng/ul  
RT: 15.661 min Scan# 2139  
Delta R.T. -0.005 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45

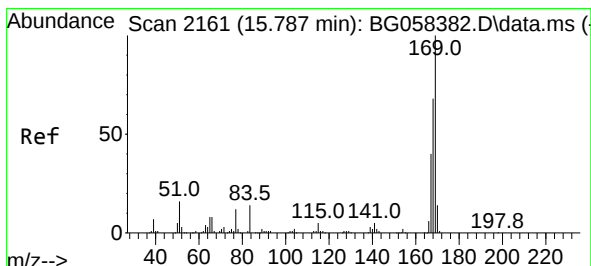
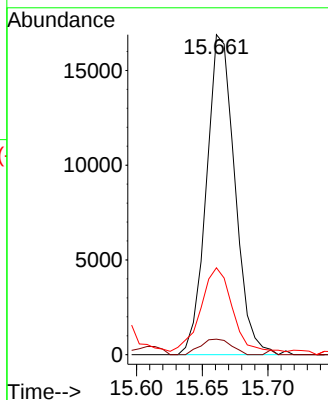
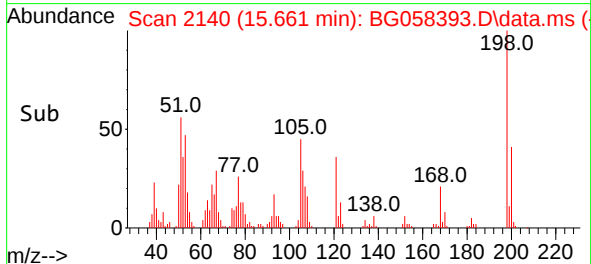
Instrument :  
BNA\_G  
ClientSampleId :  
A46T5MSD



Tgt Ion:198 Resp: 2538  
Ion Ratio Lower Upper  
198 100  
182 4.8 3.4 5.2  
77 27.1 18.4 27.6

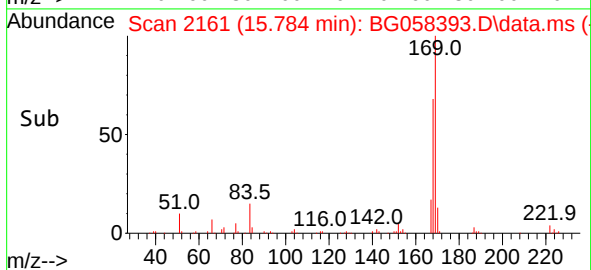
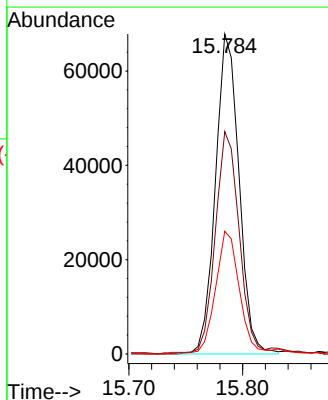
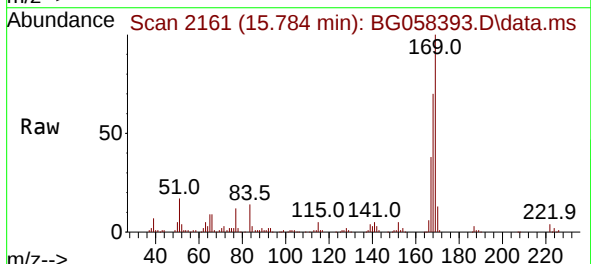
Manual Integrations  
APPROVED

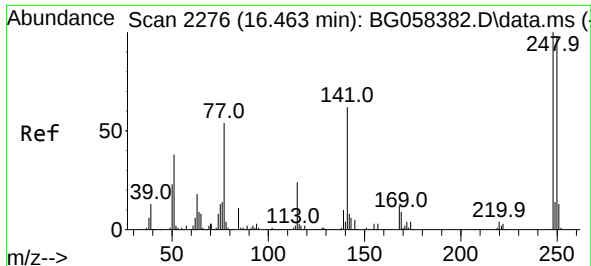
Reviewed By :Yogesh Patel 07/22/2023  
Supervised By :mohammad ahmed 07/22/2023



#67  
N-Nitrosodiphenylamine  
Concen: 13.729 ng/ul  
RT: 15.784 min Scan# 2161  
Delta R.T. -0.005 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45

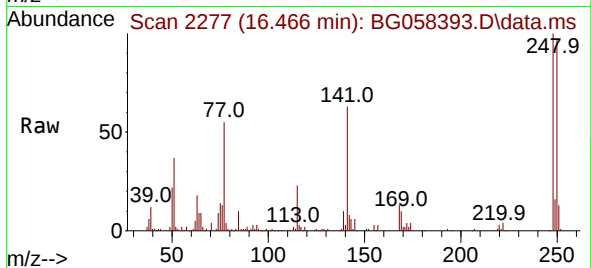
Tgt Ion:169 Resp: 97716  
Ion Ratio Lower Upper  
169 100  
168 69.5 55.7 83.5  
167 38.3 31.2 46.8





#68  
4-Bromophenyl-phenylether  
Concen: 27.730 ng/ul  
RT: 16.466 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45

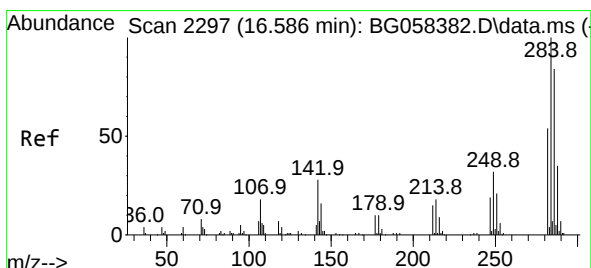
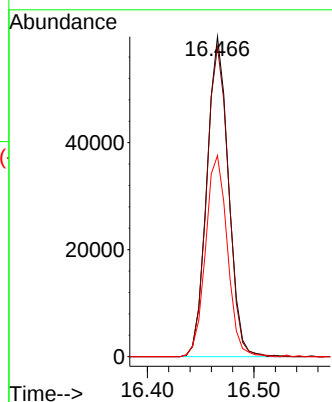
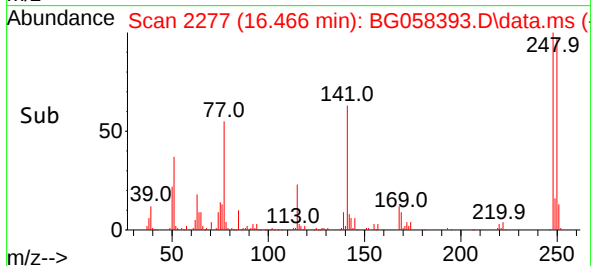
Instrument :  
BNA\_G  
ClientSampleId :  
A46T5MSD



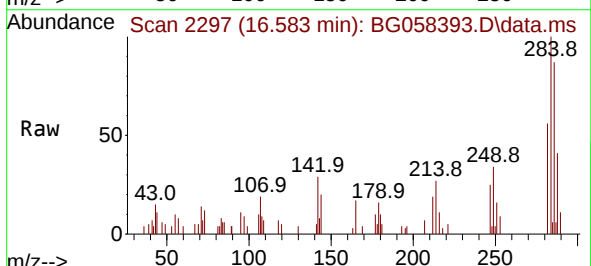
Tgt Ion:248 Resp: 84330  
Ion Ratio Lower Upper  
248 100  
250 96.8 73.8 110.6  
141 62.9 48.2 72.2

Manual Integrations  
APPROVED

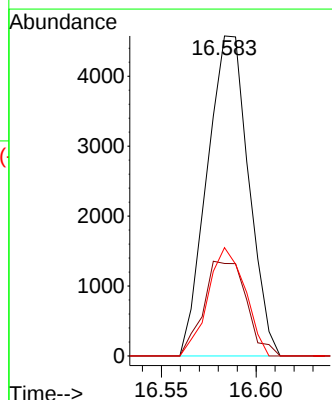
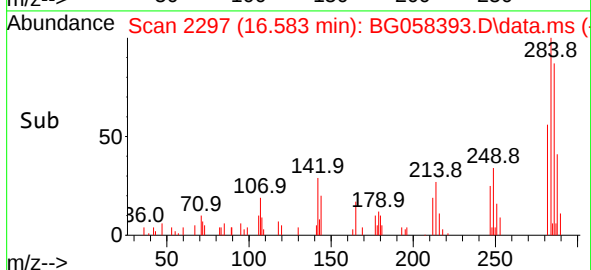
Reviewed By :Yogesh Patel 07/22/2023  
Supervised By :mohammad ahmed 07/22/2023

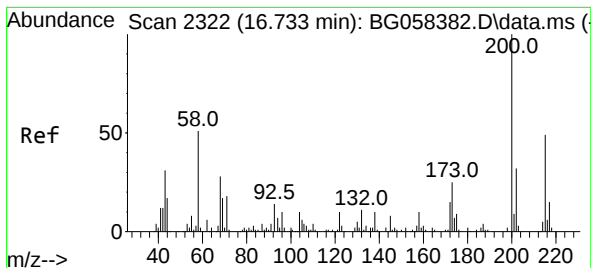


#69  
Hexachlorobenzene  
Concen: 2.032 ng/ul  
RT: 16.583 min Scan# 2297  
Delta R.T. -0.005 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45



Tgt Ion:284 Resp: 6974  
Ion Ratio Lower Upper  
284 100  
142 28.9 20.5 30.7  
249 33.9 25.2 37.8





#70

Atrazine

Concen: 21.748 ng/ul

RT: 16.730 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG058393.D

Acq: 21 Jul 2023 18:45

Instrument :

BNA\_G

ClientSampleId :

A46T5MSD

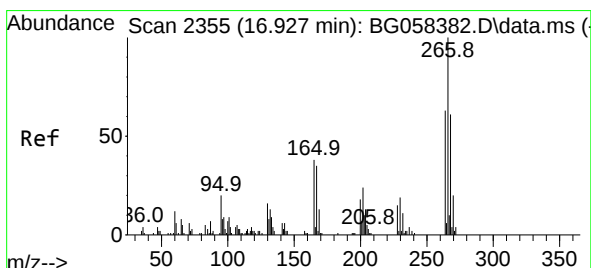
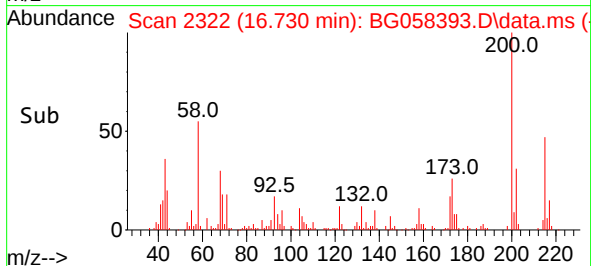
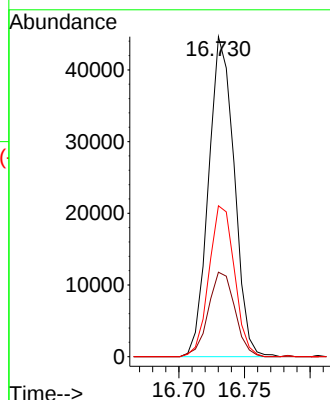
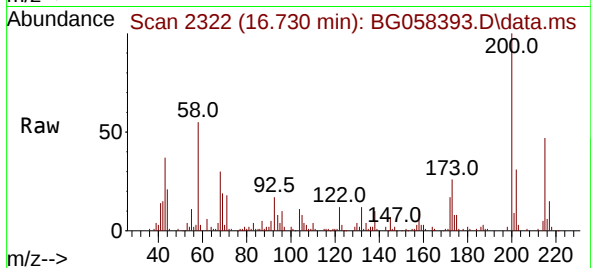
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 200   | Resp: | 60690 |
| Ion Ratio | Lower | Upper |       |
| 200       | 100   |       |       |
| 173       | 26.4  | 19.8  | 29.8  |
| 215       | 47.2  | 36.2  | 54.4  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/22/2023

Supervised By :mohammad ahmed 07/22/2023



#71

Pentachlorophenol

Concen: 8.483 ng/ul

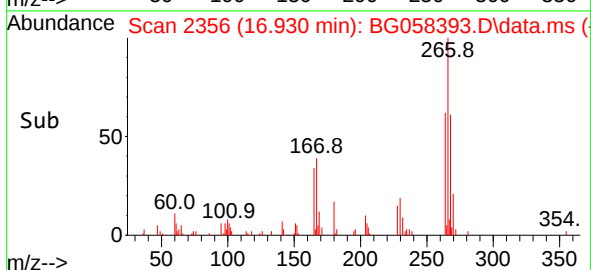
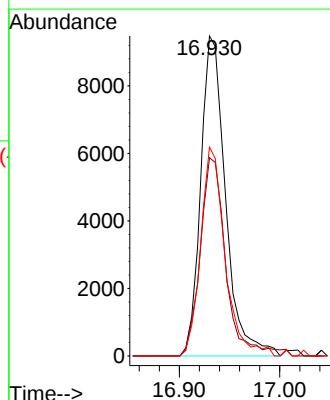
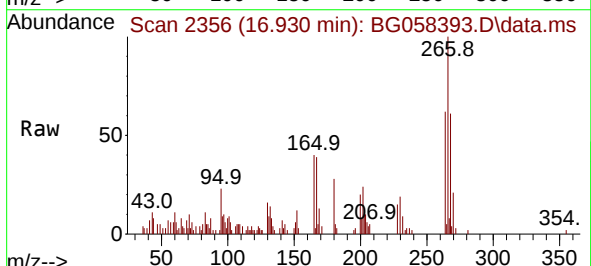
RT: 16.930 min Scan# 2356

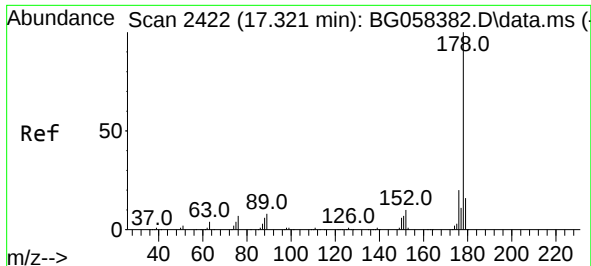
Delta R.T. 0.000 min

Lab File: BG058393.D

Acq: 21 Jul 2023 18:45

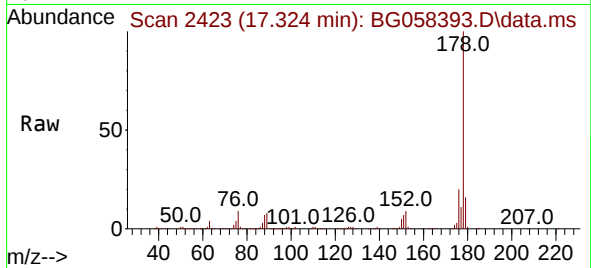
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 266   | Resp: | 16342 |
| Ion Ratio | Lower | Upper |       |
| 266       | 100   |       |       |
| 264       | 61.9  | 46.6  | 70.0  |
| 268       | 65.3  | 47.6  | 71.4  |





#72  
Phenanthrene  
Concen: 20.456 ng/u1  
RT: 17.324 min Scan# 2422  
Delta R.T. 0.001 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45

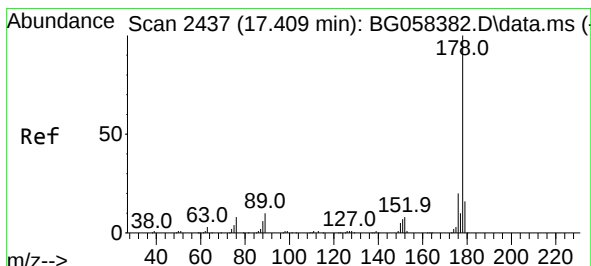
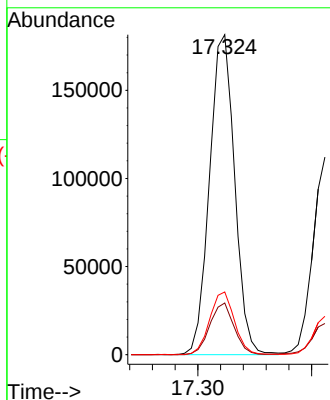
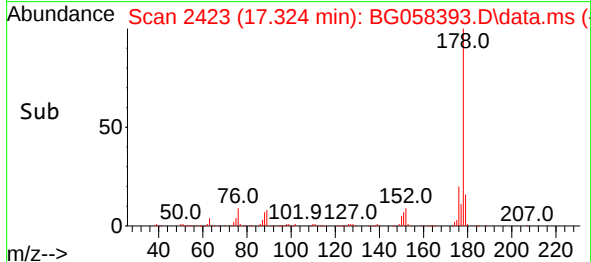
Instrument :  
BNA\_G  
ClientSampleId :  
A46T5MSD



Tgt Ion:178 Resp: 279128  
Ion Ratio Lower Upper  
178 100  
179 16.2 11.9 17.9  
176 19.6 15.8 23.8

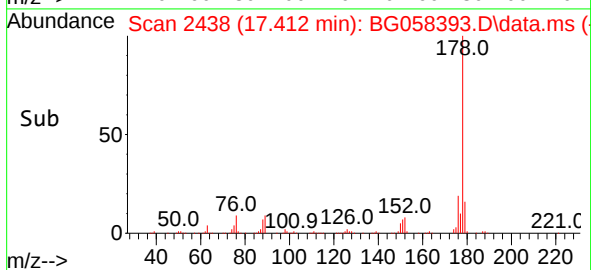
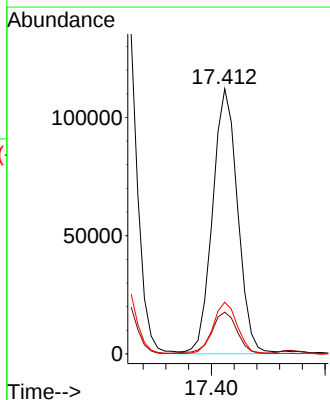
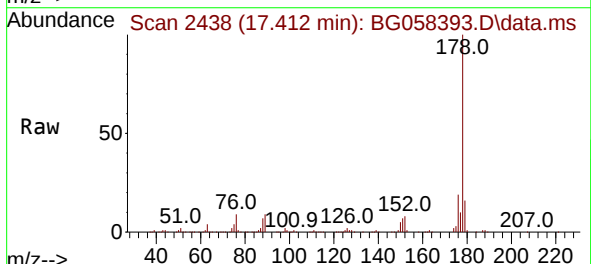
Manual Integrations  
APPROVED

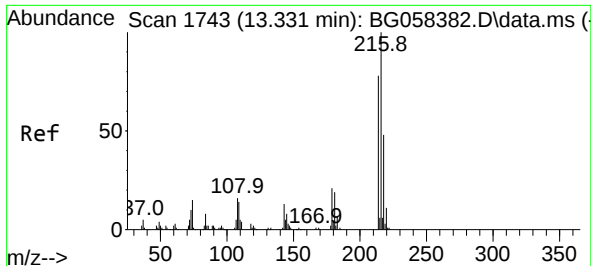
Reviewed By :Yogesh Patel 07/22/2023  
Supervised By :mohammad ahmed 07/22/2023



#74  
Anthracene  
Concen: 12.562 ng/u1  
RT: 17.412 min Scan# 2438  
Delta R.T. -0.005 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45

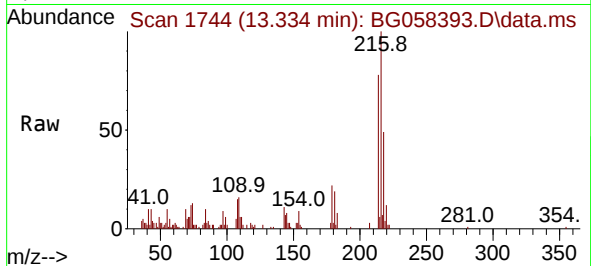
Tgt Ion:178 Resp: 172090  
Ion Ratio Lower Upper  
178 100  
179 15.8 13.4 20.2  
176 19.5 16.2 24.2





#75  
1,2,3,4-Tetrachlorobenzene  
Concen: 6.049 ng/uL  
RT: 13.334 min Scan# 1743  
Delta R.T. 0.001 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45

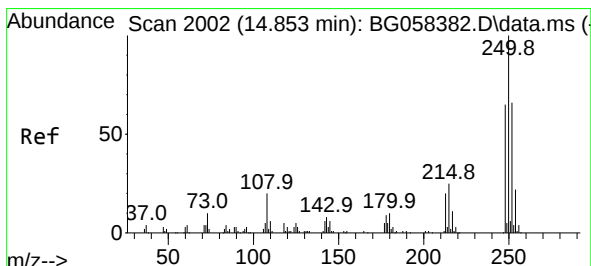
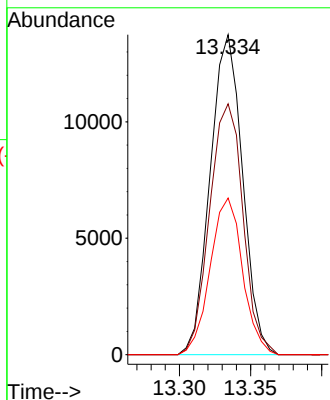
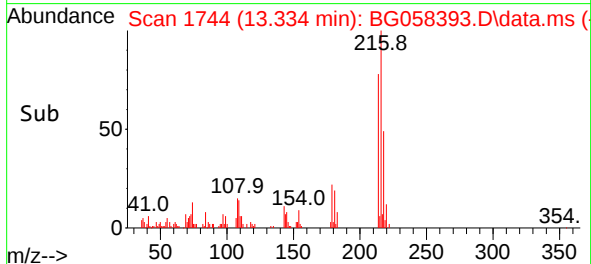
Instrument :  
BNA\_G  
ClientSampleId :  
A46T5MSD



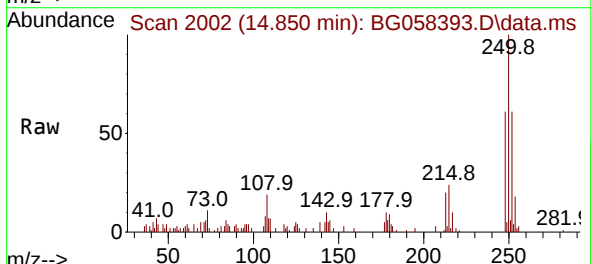
Tgt Ion:216 Resp: 21780  
Ion Ratio Lower Upper  
216 100  
214 78.4 62.2 93.4  
218 48.9 40.9 61.3

Manual Integrations  
APPROVED

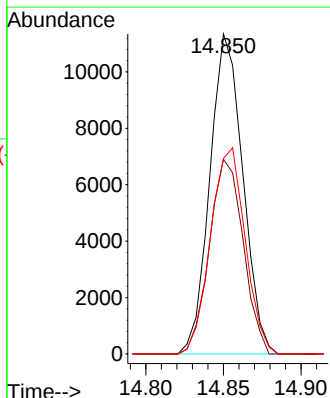
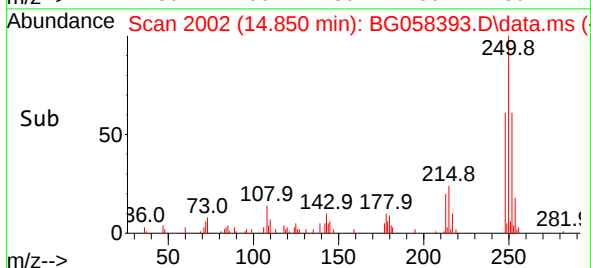
Reviewed By :Yogesh Patel 07/22/2023  
Supervised By :mohammad ahmed 07/22/2023

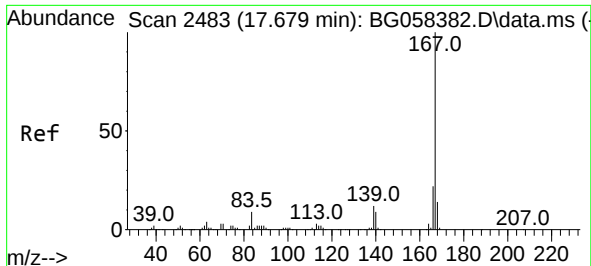


#76  
Pentachlorobenzene  
Concen: 4.253 ng/uL  
RT: 14.850 min Scan# 2002  
Delta R.T. -0.005 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45



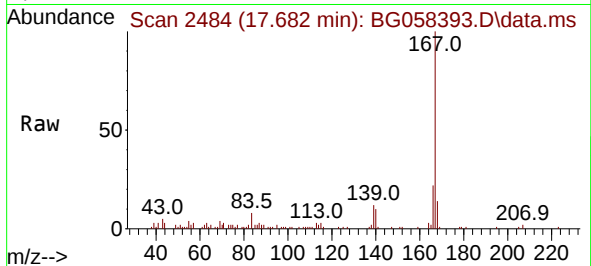
Tgt Ion:250 Resp: 16750  
Ion Ratio Lower Upper  
250 100  
248 60.8 51.6 77.4  
252 65.5 54.4 81.6





#77  
Carbazole  
Concen: 3.310 ng/ul  
RT: 17.682 min Scan# 2483  
Delta R.T. 0.001 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45

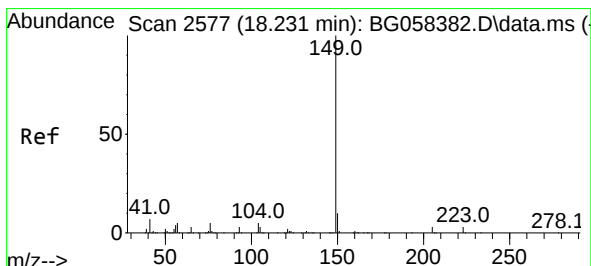
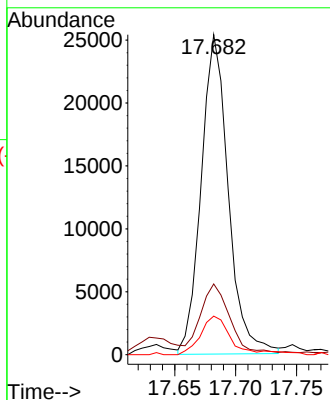
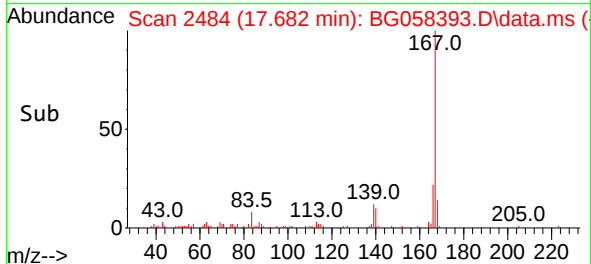
Instrument :  
BNA\_G  
ClientSampleId :  
A46T5MSD



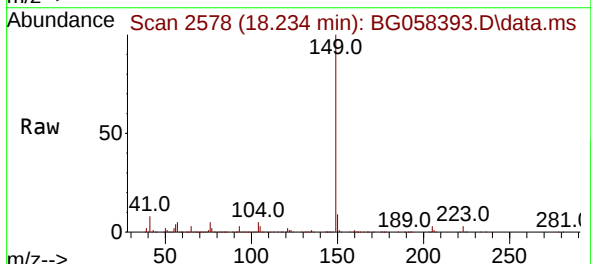
Tgt Ion:167 Resp: 3930  
Ion Ratio Lower Upper  
167 100  
166 22.1 17.8 26.8  
139 12.1 9.4 14.0

Manual Integrations  
APPROVED

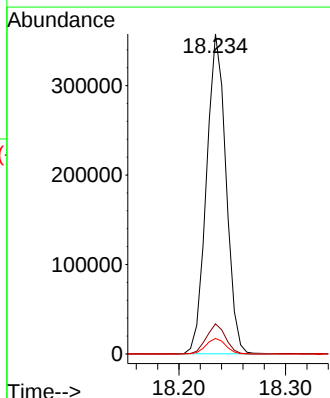
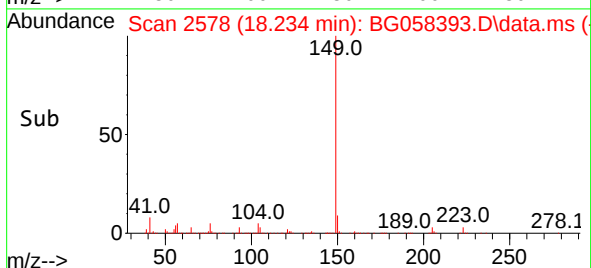
Reviewed By :Yogesh Patel 07/22/2023  
Supervised By :mohammad ahmed 07/22/2023

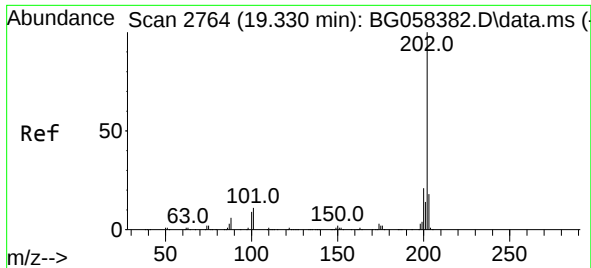


#78  
Di-n-butylphthalate  
Concen: 30.130 ng/ul  
RT: 18.234 min Scan# 2578  
Delta R.T. -0.005 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45



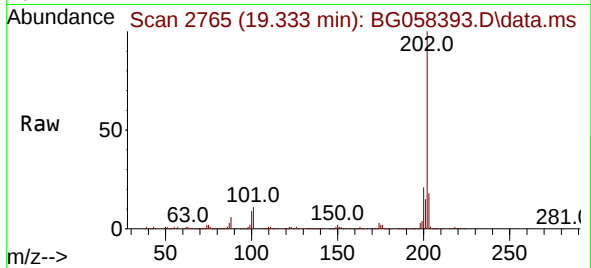
Tgt Ion:149 Resp: 454631  
Ion Ratio Lower Upper  
149 100  
150 9.4 7.2 10.8  
104 4.9 3.9 5.9





#80  
Fluoranthene  
Concen: 20.273 ng/u1  
RT: 19.333 min Scan# 21  
Delta R.T. 0.001 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45

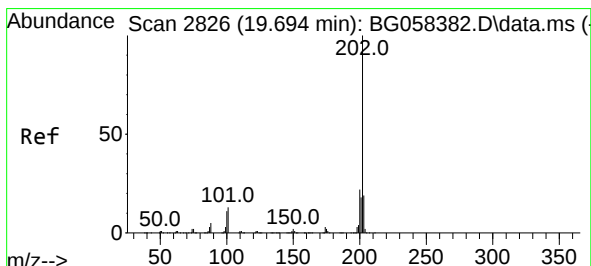
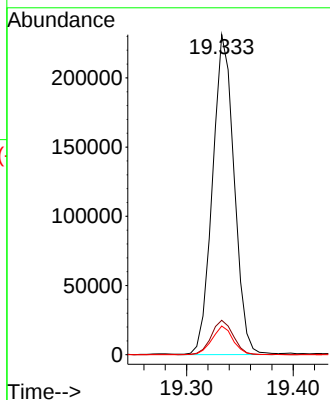
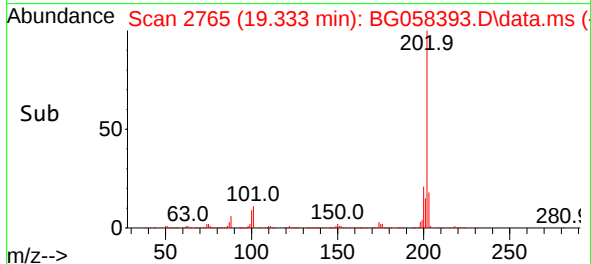
Instrument :  
BNA\_G  
ClientSampleId :  
A46T5MSD



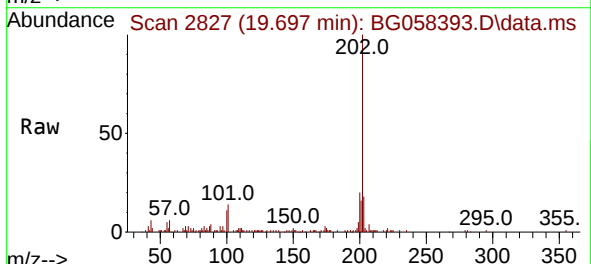
Tgt Ion:202 Resp: 32562  
Ion Ratio Lower Upper  
202 100  
101 10.7 8.6 12.8  
100 9.0 7.2 10.8

Manual Integrations  
APPROVED

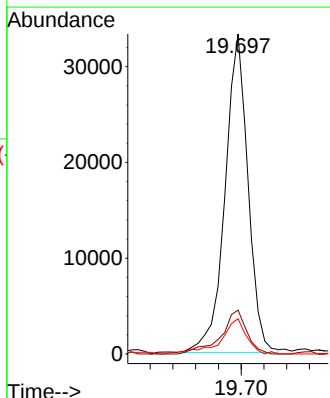
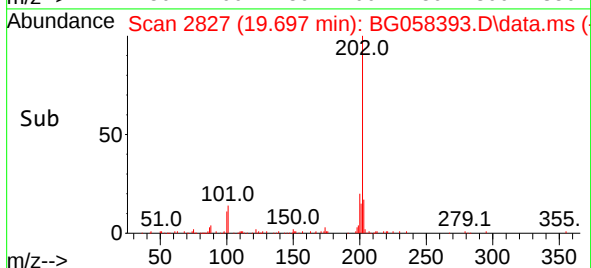
Reviewed By :Yogesh Patel 07/22/2023  
Supervised By :mohammad ahmed 07/22/2023

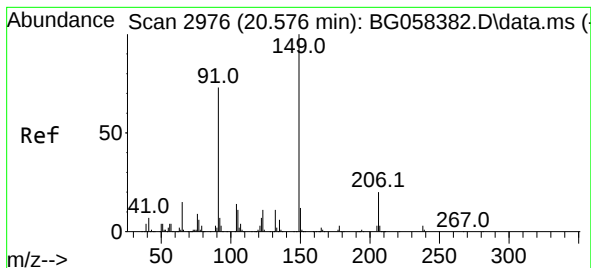


#82  
Pyrene  
Concen: 2.867 ng/u1  
RT: 19.697 min Scan# 2827  
Delta R.T. 0.001 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45



Tgt Ion:202 Resp: 46663  
Ion Ratio Lower Upper  
202 100  
101 13.7 10.2 15.2  
100 11.0 8.9 13.3





#83

Butylbenzylphthalate

Concen: 31.261 ng/ul

RT: 20.579 min Scan# 2977

Delta R.T. 0.001 min

Lab File: BG058393.D

Acq: 21 Jul 2023 18:45

Instrument :

BNA\_G

ClientSampleId :

A46T5MSD

Tgt Ion:149 Resp: 20033

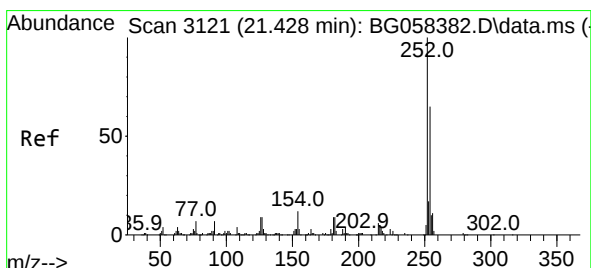
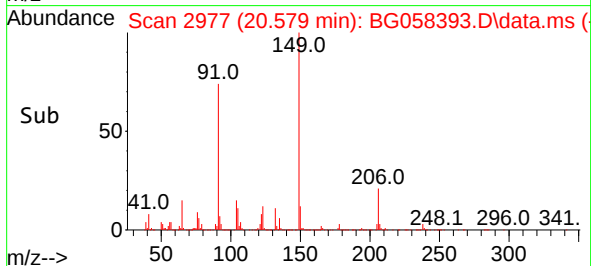
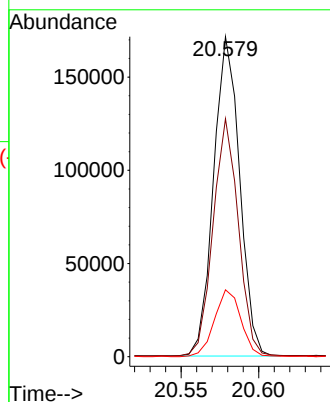
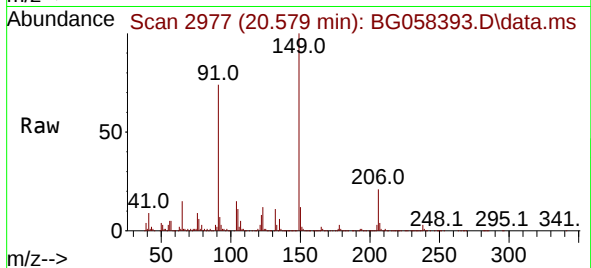
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 74.3  | 59.9  | 89.9  |
| 206 | 20.9  | 16.9  | 25.3  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/22/2023

Supervised By :mohammad ahmed 07/22/2023



#84

3,3'-Dichlorobenzidine

Concen: 0.949 ng/ul m

RT: 21.431 min Scan# 3122

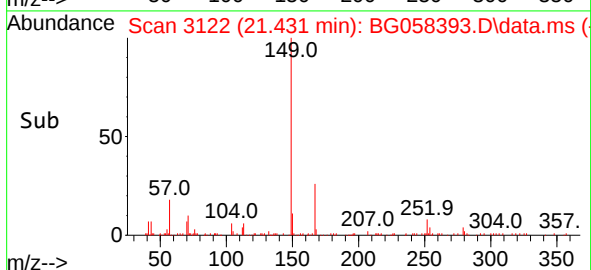
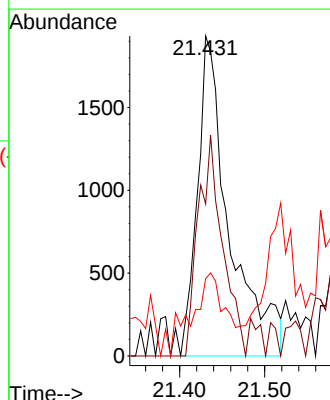
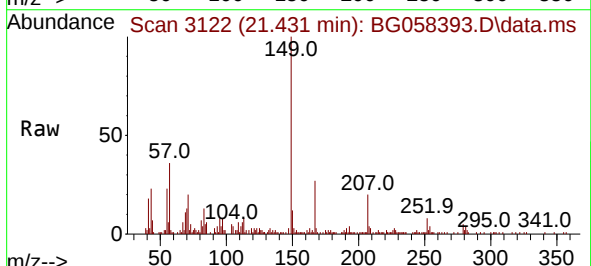
Delta R.T. 0.001 min

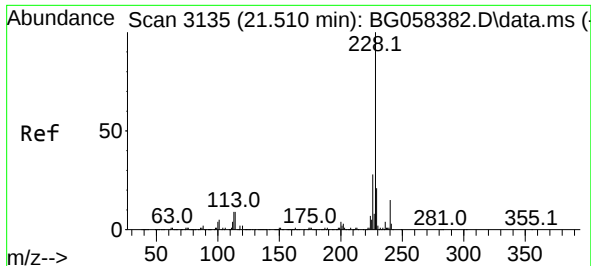
Lab File: BG058393.D

Acq: 21 Jul 2023 18:45

Tgt Ion:252 Resp: 5029

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 47.5  | 50.5  | 75.7# |
| 126 | 24.2  | 6.5   | 9.7#  |





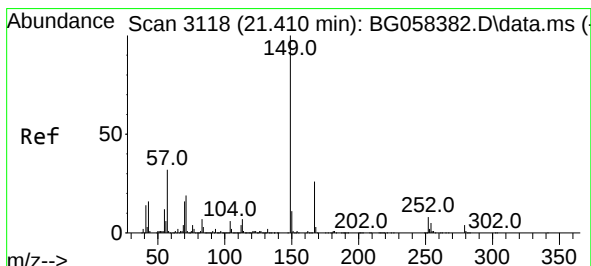
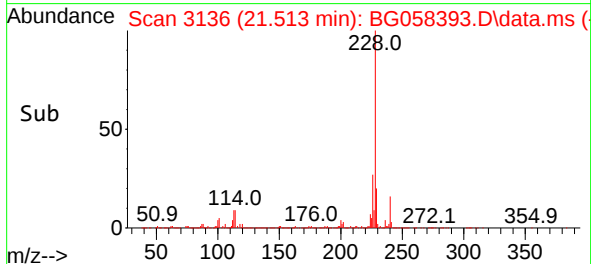
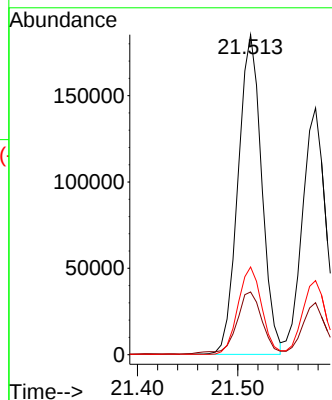
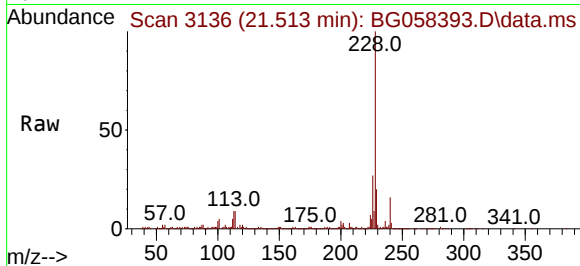
#85  
Benzo(a)anthracene  
Concen: 19.001 ng/ul  
RT: 21.513 min Scan# 3119  
Delta R.T. 0.001 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45

Instrument :  
BNA\_G  
ClientSampleId :  
A46T5MSD

Tgt Ion:228 Resp: 30316  
Ion Ratio Lower Upper  
228 100  
229 19.6 15.7 23.5  
226 27.4 21.8 32.8

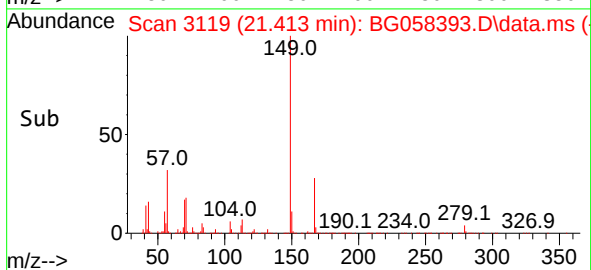
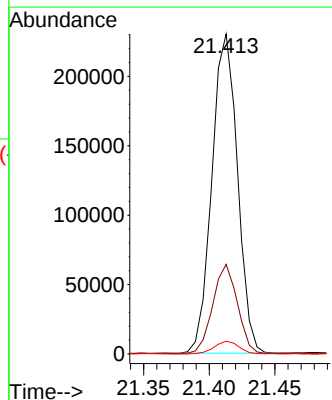
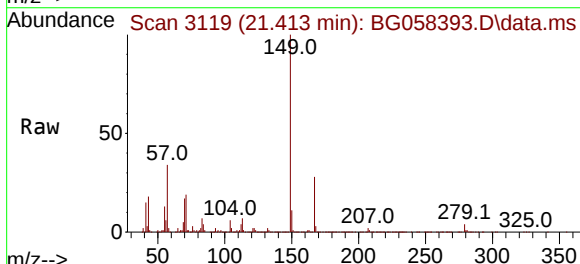
Manual Integrations  
APPROVED

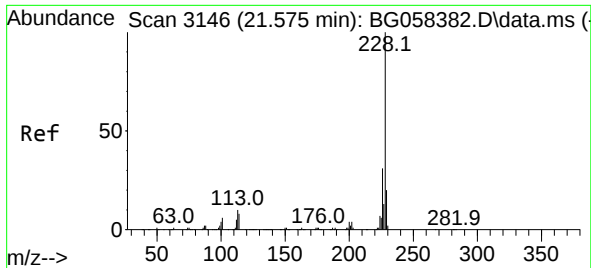
Reviewed By :Yogesh Patel 07/22/2023  
Supervised By :mohammad ahmed 07/22/2023



#86  
Bis(2-ethylhexyl)phthalate  
Concen: 34.166 ng/ul  
RT: 21.413 min Scan# 3119  
Delta R.T. 0.001 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45

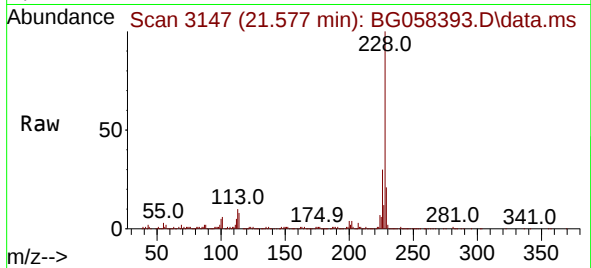
Tgt Ion:149 Resp: 311425  
Ion Ratio Lower Upper  
149 100  
167 28.0 21.6 32.4  
279 4.0 3.0 4.4





#87  
Chrysene  
Concen: 15.110 ng/ul  
RT: 21.577 min Scan# 3147  
Delta R.T. 0.001 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45

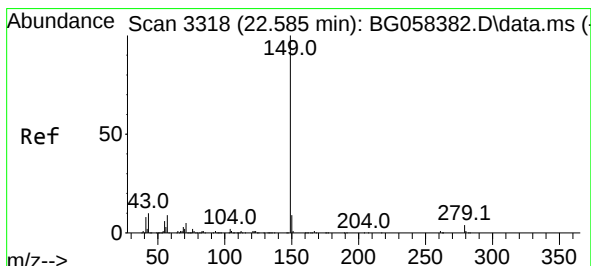
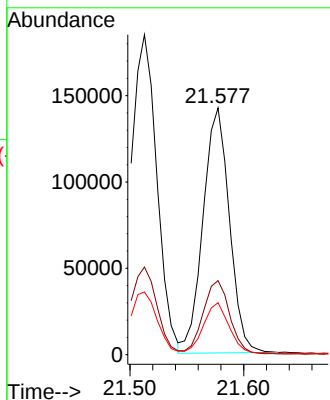
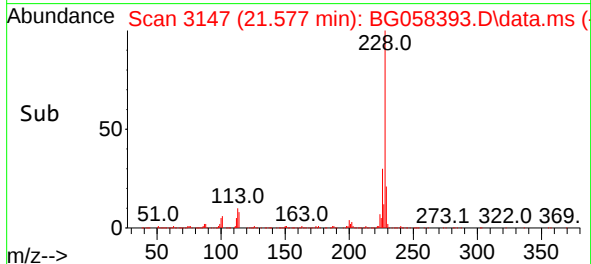
Instrument :  
BNA\_G  
ClientSampleId :  
A46T5MSD



Tgt Ion:228 Resp: 228669  
Ion Ratio Lower Upper  
228 100  
226 30.1 24.0 36.0  
229 21.1 15.8 23.8

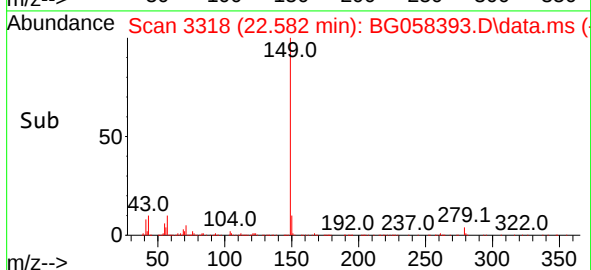
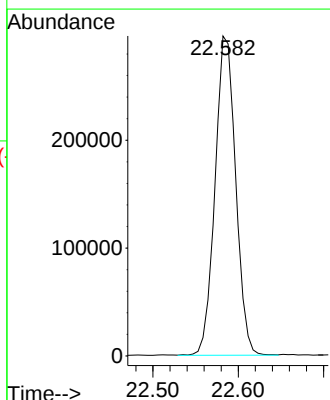
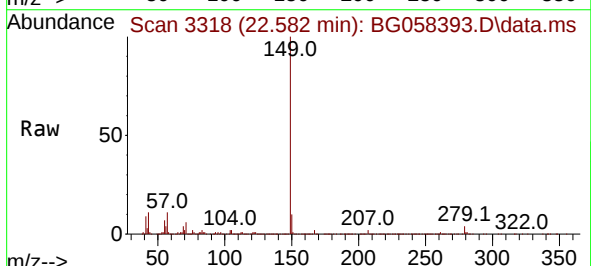
Manual Integrations  
APPROVED

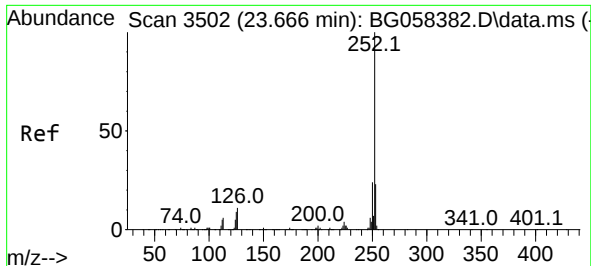
Reviewed By :Yogesh Patel 07/22/2023  
Supervised By :mohammad ahmed 07/22/2023



#89  
Di-n-octyl phthalate  
Concen: 32.784 ng/ul  
RT: 22.582 min Scan# 3318  
Delta R.T. -0.005 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45

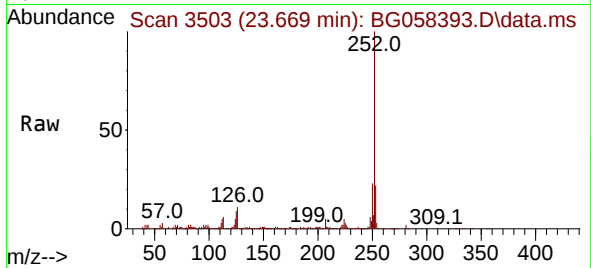
Tgt Ion:149 Resp: 497693





#90  
Benzo(b)fluoranthene  
Concen: 13.694 ng/ul  
RT: 23.669 min Scan# 3502  
Delta R.T. 0.001 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45

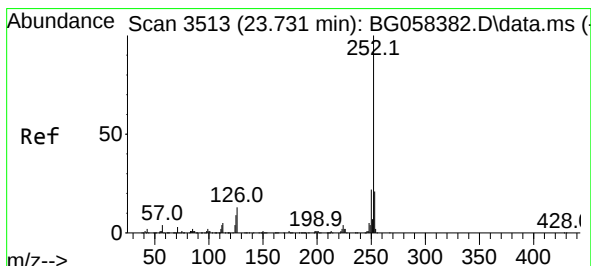
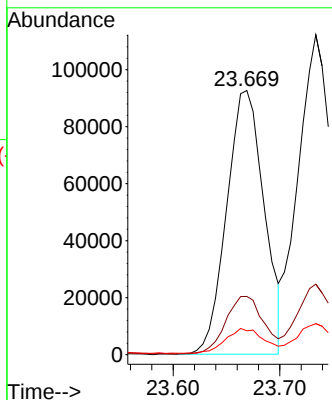
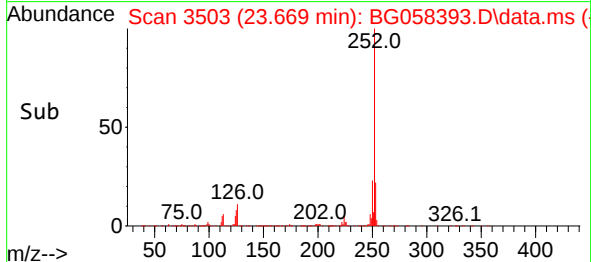
Instrument :  
BNA\_G  
ClientSampleId :  
A46T5MSD



Tgt Ion:252 Resp: 226059  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.9 26.9  
125 9.1 6.7 10.1

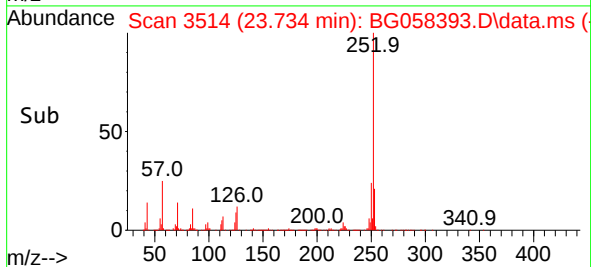
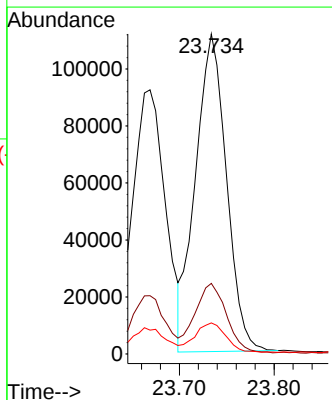
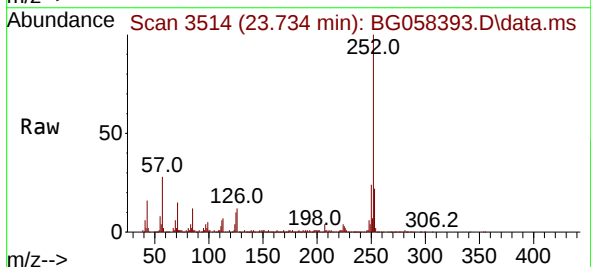
Manual Integrations  
APPROVED

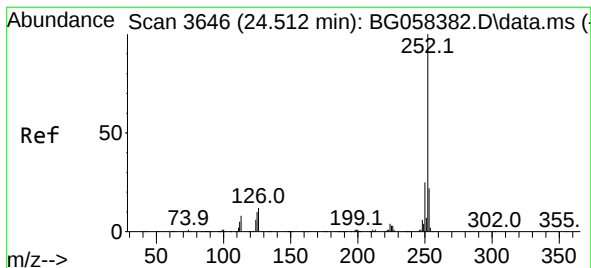
Reviewed By :Yogesh Patel 07/22/2023  
Supervised By :mohammad ahmed 07/22/2023



#91  
Benzo(k)fluoranthene  
Concen: 15.331 ng/ul  
RT: 23.734 min Scan# 3514  
Delta R.T. 0.000 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45

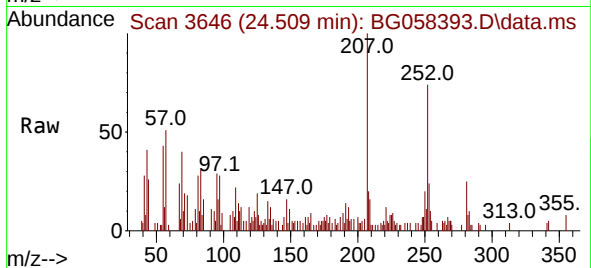
Tgt Ion:252 Resp: 252416  
Ion Ratio Lower Upper  
252 100  
253 22.1 18.3 27.5  
125 9.7 7.4 11.0





#93  
Benzo(a)pyrene  
Concen: 0.732 ng/ul m  
RT: 24.509 min Scan# 3646  
Delta R.T. -0.011 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45

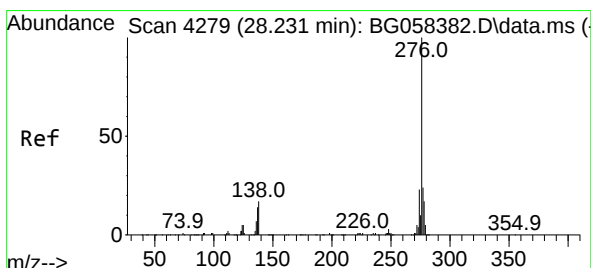
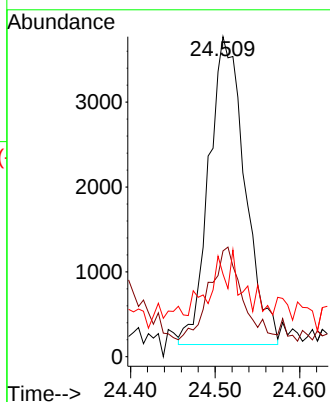
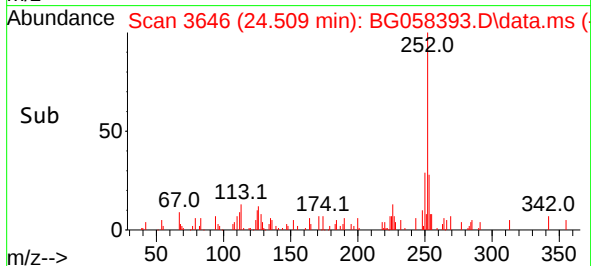
Instrument :  
BNA\_G  
ClientSampleId :  
A46T5MSD



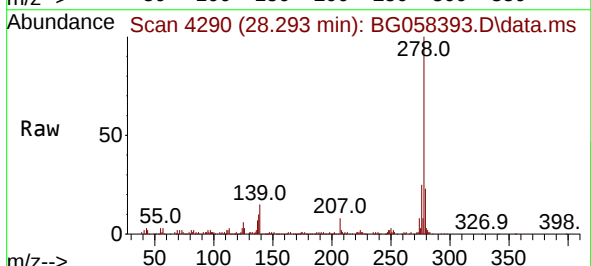
Tgt Ion:252 Resp: 10749  
Ion Ratio Lower Upper  
252 100  
253 33.0 17.4 26.0#  
125 25.8 7.7 11.5#

Manual Integrations  
APPROVED

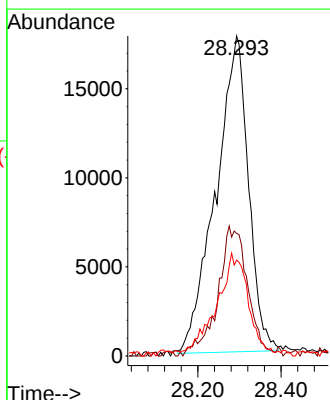
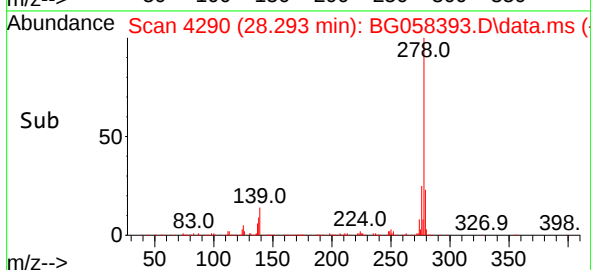
Reviewed By :Yogesh Patel 07/22/2023  
Supervised By :mohammad ahmed 07/22/2023

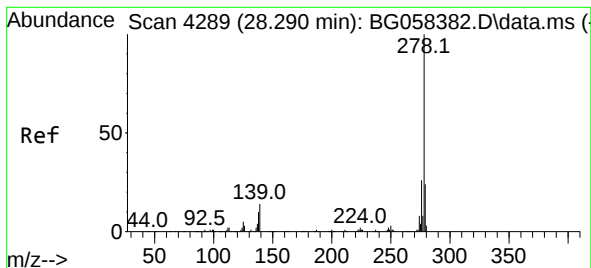


#94  
Indeno(1,2,3-cd)pyrene  
Concen: 4.988 ng/ul  
RT: 28.293 min Scan# 4290  
Delta R.T. 0.065 min  
Lab File: BG058393.D  
Acq: 21 Jul 2023 18:45



Tgt Ion:276 Resp: 96490  
Ion Ratio Lower Upper  
276 100  
138 38.3 13.8 20.6#  
277 29.9 19.2 28.8#





#95

Dibenzo(a,h)anthracene

Concen: 19.367 ng/ul

RT: 28.293 min Scan# 41

Delta R.T. 0.001 min

Lab File: BG058393.D

Acq: 21 Jul 2023 18:45

Instrument :

BNA\_G

ClientSampleId :

A46T5MSD

Tgt Ion:278 Resp: 30723

Ion Ratio Lower Upper

278 100

139 14.6 10.4 15.6

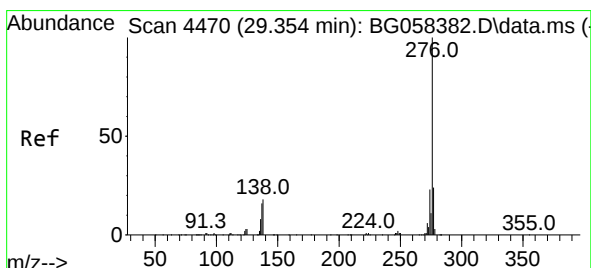
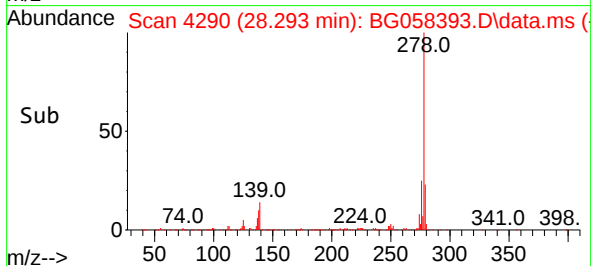
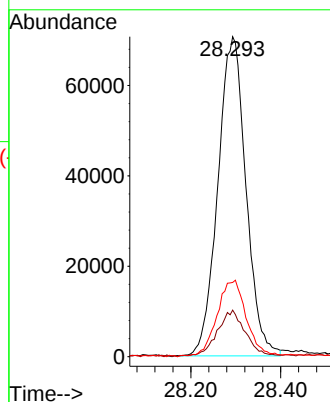
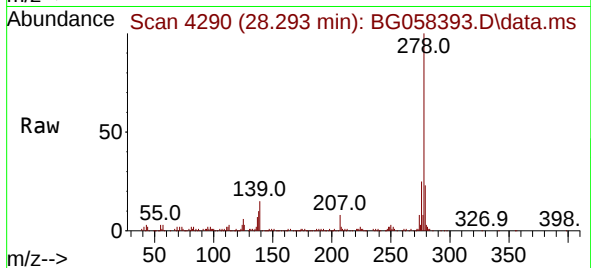
279 23.2 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/22/2023

Supervised By :mohammad ahmed 07/22/2023



#96

Benzo(g,h,i)perylene

Concen: 0.092 ng/ul m

RT: 29.362 min Scan# 4472

Delta R.T. 0.012 min

Lab File: BG058393.D

Acq: 21 Jul 2023 18:45

Tgt Ion:276 Resp: 1457

Ion Ratio Lower Upper

276 100

138 52.4 13.5 20.3#

277 43.0 19.4 29.2#

