

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG091023\  
 Data File : BG058987.D  
 Acq On : 11 Sep 2023 17:32  
 Operator : MA/JU  
 Sample : 04234-03MS  
 Misc :  
 ALS Vial : 86 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 YBY14MS

Quant Time: Sep 12 01:33:37 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG091023.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Sep 11 00:07:05 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/12/2023  
 Supervised By :mohammad ahmed 09/13/2023

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.328  | 152  | 82139    | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 11.172 | 136  | 418801   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.950 | 164  | 300058   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.700 | 188  | 744248   | 20.000 | ng/u1  | # 0.00   |
| 79) Chrysene-d12              | 22.024 | 240  | 701251   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 25.591 | 264  | 772993   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.640  | 96   | 12814    | 6.631  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 4.069  | 84   | 33482    | 5.473  | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 7.435  | 99   | 276345   | 33.363 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.647  | 67   | 149774   | 30.837 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.835  | 132  | 173451   | 32.650 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 9.010  | 113  | 197582   | 30.876 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 9.521  | 128  | 90372    | 29.749 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 10.238 | 143  | 110723   | 33.217 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.761 | 165  | 215882   | 30.474 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 11.307 | 131  | 123924   | 13.008 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 14.345 | 166  | 682781   | 29.335 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.650 | 160  | 753398   | 29.068 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 15.121 | 143  | 119420   | 30.888 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.937 | 176  | 624048   | 30.212 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 16.043 | 200  | 107523   | 29.432 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.800 | 188  | 953717   | 28.866 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 20.068 | 212  | 1105794  | 29.768 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 25.344 | 264  | 1151380  | 30.386 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.675  | 88   | 36066    | 14.485 | ng/uL  | 99       |
| 5) Pyridine                   | 4.092  | 79   | 239822   | 36.710 | ng/u1  | 97       |
| 6) Benzaldehyde               | 7.471  | 77   | 187585   | 37.033 | ng/u1# | 79       |
| 8) Phenol                     | 7.465  | 94   | 382457   | 43.420 | ng/u1  | 98       |
| 10) Bis(2-Chloroethyl)ether   | 7.741  | 93   | 253986   | 39.453 | ng/u1  | 96       |
| 12) 2-Chlorophenol            | 7.876  | 128  | 238586   | 43.450 | ng/u1  | 98       |
| 13) 2-Methylphenol            | 8.740  | 108  | 270959   | 40.855 | ng/u1  | 97       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.846  | 45   | 305003m  | 39.455 | ng/u1  |          |
| 16) Acetophenone              | 9.169  | 105  | 439706   | 41.445 | ng/u1  | 95       |
| 17) N-Nitroso-di-n-propyla... | 9.133  | 70   | 237084   | 39.865 | ng/u1# | 97       |
| 18) 4-Methylphenol            | 9.075  | 108  | 307582   | 42.465 | ng/u1  | 94       |
| 19) Hexachloroethane          | 9.410  | 117  | 94912    | 41.242 | ng/u1  | 86       |
| 22) Nitrobenzene              | 9.568  | 77   | 345351   | 37.974 | ng/u1  | 96       |
| 23) Isophorone                | 10.073 | 82   | 720958   | 37.320 | ng/u1  | 99       |
| 25) 2-Nitrophenol             | 10.273 | 139  | 141782   | 41.715 | ng/u1# | 94       |
| 26) 2,4-Dimethylphenol        | 10.297 | 107  | 254248   | 30.184 | ng/u1  | 96       |
| 27) Bis(2-Chloroethoxy)met... | 10.561 | 93   | 386156   | 37.296 | ng/u1  | 95       |
| 29) 2,4-Dichlorophenol        | 10.790 | 162  | 259587   | 38.680 | ng/u1  | 95       |
| 30) Naphthalene               | 11.225 | 128  | 833061   | 37.736 | ng/u1  | 99       |
| 32) 4-Chloroaniline           | 11.337 | 127  | 266968   | 29.188 | ng/u1  | 97       |
| 33) Hexachlorobutadiene       | 11.454 | 225  | 190683   | 36.314 | ng/u1  | 98       |
| 34) Caprolactam               | 12.124 | 113  | 99717m   | 41.867 | ng/u1  |          |
| 35) 4-Chloro-3-methylphenol   | 12.400 | 107  | 323743   | 39.263 | ng/u1  | 95       |
| 36) 2-Methylnaphthalene       | 12.800 | 142  | 603871   | 36.658 | ng/u1  | 99       |

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Instrument :  
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 ClientSampleId :  
 YBY14MS

Manual Integrations  
 APPROVED

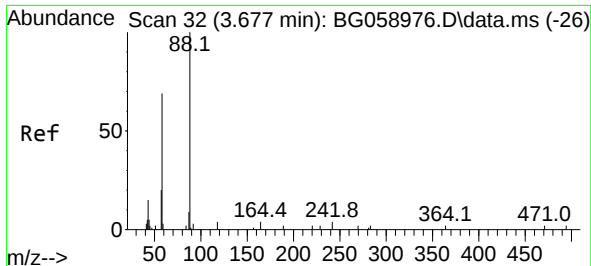
Reviewed By :Yogesh Patel 09/12/2023  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 37) 1-Methylnaphthalene       | 13.017 | 142  | 601706   | 37.032 | ng/ul  | 98       |
| 39) 1,2,4,5-Tetrachloroben... | 13.140 | 216  | 355381   | 36.283 | ng/ul# | 94       |
| 40) Hexachlorocyclopentadiene | 13.099 | 237  | 201717   | 27.989 | ng/ul  | 95       |
| 41) 2,4,6-Trichlorophenol     | 13.381 | 196  | 231790   | 37.277 | ng/ul  | 95       |
| 42) 2,4,5-Trichlorophenol     | 13.446 | 196  | 256437   | 38.094 | ng/ul  | 92       |
| 43) 1,1'-Biphenyl             | 13.787 | 154  | 857275   | 38.221 | ng/ul  | 97       |
| 44) 2-Chloronaphthalene       | 13.840 | 162  | 658659   | 38.449 | ng/ul  | 96       |
| 45) 2-Nitroaniline            | 14.057 | 65   | 215621   | 41.041 | ng/ul  | 86       |
| 47) Dimethylphthalate         | 14.398 | 163  | 855794   | 38.887 | ng/ul  | 99       |
| 48) 2,6-Dinitrotoluene        | 14.539 | 165  | 183455   | 43.823 | ng/ul  | 95       |
| 50) Acenaphthylene            | 14.680 | 152  | 1057198  | 37.413 | ng/ul  | 98       |
| 51) 3-Nitroaniline            | 14.874 | 138  | 174377   | 43.406 | ng/ul# | 85       |
| 52) Acenaphthene              | 15.015 | 153  | 740455   | 39.049 | ng/ul  | 97       |
| 53) 2,4-Dinitrophenol         | 15.068 | 184  | 106466   | 39.457 | ng/ul  | 92       |
| 55) 4-Nitrophenol             | 15.138 | 109  | 174715   | 38.302 | ng/ul  | 96       |
| 56) Dibenzofuran              | 15.350 | 168  | 1056524  | 38.467 | ng/ul  | 99       |
| 57) 2,4-Dinitrotoluene        | 15.309 | 165  | 250498   | 43.366 | ng/ul# | 83       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.549 | 232  | 238739   | 37.128 | ng/ul# | 94       |
| 59) Diethylphthalate          | 15.743 | 149  | 844527   | 38.925 | ng/ul  | 95       |
| 61) Fluorene                  | 15.996 | 166  | 866263   | 38.375 | ng/ul  | 94       |
| 62) 4-Chlorophenyl-phenyle... | 15.978 | 204  | 448093   | 37.514 | ng/ul  | 94       |
| 63) 4-Nitroaniline            | 16.037 | 138  | 184459   | 48.448 | ng/ul  | 86       |
| 66) 4,6-Dinitro-2-methylph... | 16.061 | 198  | 156788   | 39.323 | ng/ul# | 96       |
| 67) N-Nitrosodiphenylamine    | 16.196 | 169  | 739213   | 37.681 | ng/ul  | 99       |
| 68) 4-Bromophenyl-phenylether | 16.877 | 248  | 294886   | 36.118 | ng/ul  | 90       |
| 69) Hexachlorobenzene         | 16.965 | 284  | 336617   | 35.914 | ng/ul  | 95       |
| 70) Atrazine                  | 17.130 | 200  | 163683   | 21.321 | ng/ul  | 96       |
| 71) Pentachlorophenol         | 17.312 | 266  | 202434   | 35.038 | ng/ul  | 91       |
| 72) Phenanthrene              | 17.741 | 178  | 1416891  | 37.511 | ng/ul  | 99       |
| 74) Anthracene                | 17.835 | 178  | 1404932  | 36.595 | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.746 | 216  | 39605    | 3.688  | ng/uL# | 91       |
| 76) Pentachlorobenzene        | 15.238 | 250  | 392944   | 37.861 | ng/uL  | 96       |
| 77) Carbazole                 | 18.105 | 167  | 1274302  | 39.638 | ng/ul  | 99       |
| 78) Di-n-butylphthalate       | 18.616 | 149  | 1413533  | 39.663 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.733 | 202  | 1680639  | 38.960 | ng/ul# | 97       |
| 82) Pyrene                    | 20.097 | 202  | 1732609  | 38.635 | ng/ul# | 95       |
| 83) Butylbenzylphthalate      | 20.961 | 149  | 613653   | 43.302 | ng/ul  | 99       |
| 84) 3,3'-Dichlorobenzidine    | 21.913 | 252  | 539215   | 34.658 | ng/ul  | 92       |
| 85) Benzo(a)anthracene        | 22.001 | 228  | 1709938  | 36.360 | ng/ul  | 99       |
| 86) Bis(2-ethylhexyl)phtha... | 21.842 | 149  | 901345   | 42.468 | ng/ul  | 100      |
| 87) Chrysene                  | 22.077 | 228  | 1629303  | 37.268 | ng/ul  | 98       |
| 89) Di-n-octyl phthalate      | 23.182 | 149  | 1538340  | 43.262 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 24.439 | 252  | 1815023  | 39.417 | ng/ul  | 98       |
| 91) Benzo(k)fluoranthene      | 24.521 | 252  | 1807202  | 38.405 | ng/ul  | 96       |
| 93) Benzo(a)pyrene            | 25.426 | 252  | 1604477  | 37.346 | ng/ul# | 98       |
| 94) Indeno(1,2,3-cd)pyrene    | 29.721 | 276  | 2137643m | 39.378 | ng/ul  |          |
| 95) Dibenzo(a,h)anthracene    | 29.821 | 278  | 1732391  | 38.514 | ng/ul  | 97       |
| 96) Benzo(g,h,i)perylene      | 31.043 | 276  | 1746843  | 40.655 | ng/ul  | 96       |

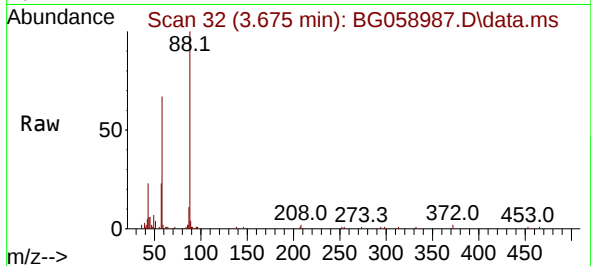
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#2  
1,4-Dioxane  
Concen: 14.485 ng/uL  
RT: 3.675 min Scan# 31  
Delta R.T. -0.002 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32

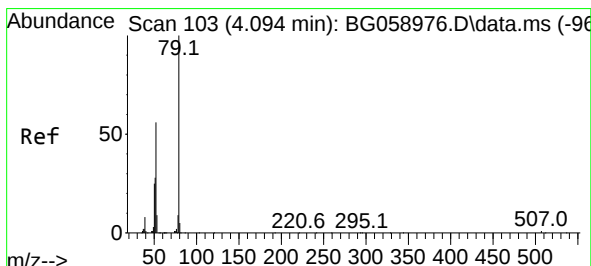
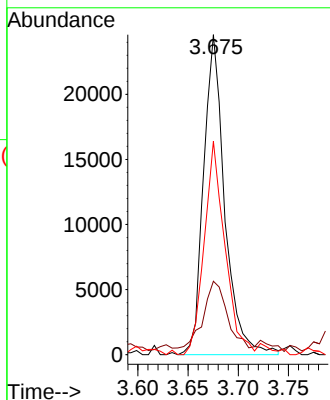
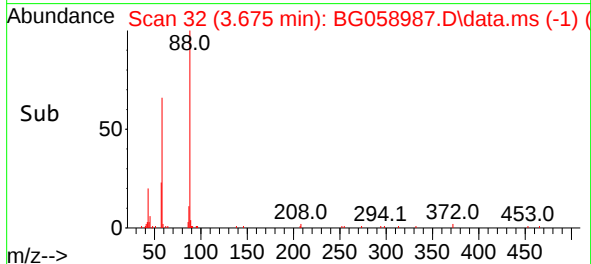
Instrument :  
BNA\_G  
ClientSampleId :  
YBY14MS



Tgt Ion: 88 Resp: 3606  
Ion Ratio Lower Upper  
88 100  
43 23.0 18.6 28.0  
58 66.7 53.8 80.8

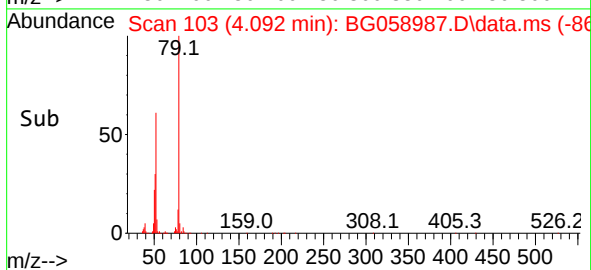
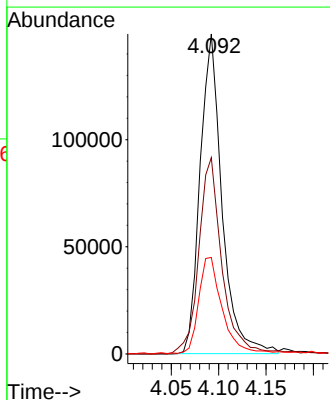
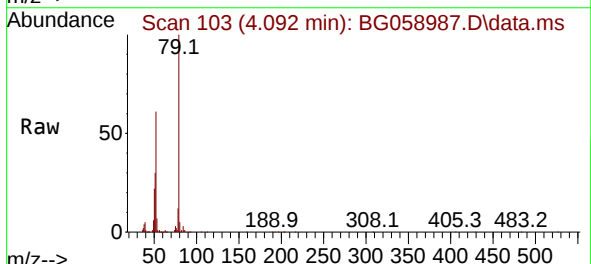
Manual Integrations  
APPROVED

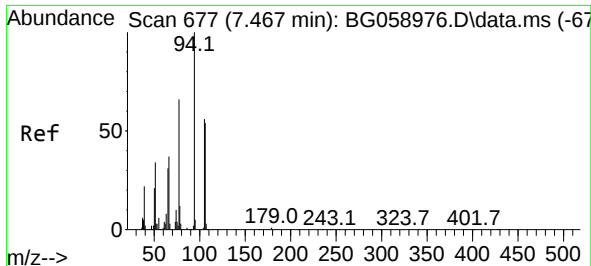
Reviewed By :Yogesh Patel 09/12/2023  
Supervised By :mohammad ahmed 09/13/2023



#5  
Pyridine  
Concen: 36.710 ng/uL  
RT: 4.092 min Scan# 103  
Delta R.T. -0.001 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32

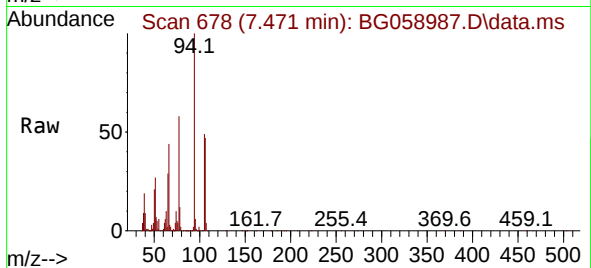
Tgt Ion: 79 Resp: 239822  
Ion Ratio Lower Upper  
79 100  
52 61.4 51.4 77.0  
51 30.1 25.2 37.8





#6  
Benzaldehyde  
Concen: 37.033 ng/ul  
RT: 7.471 min Scan# 61  
Delta R.T. -0.001 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32

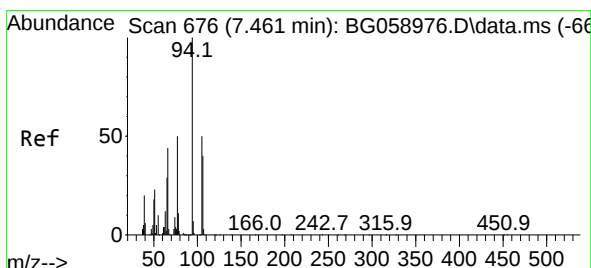
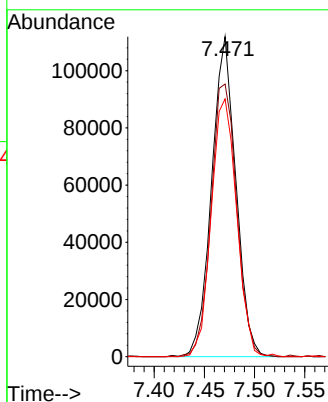
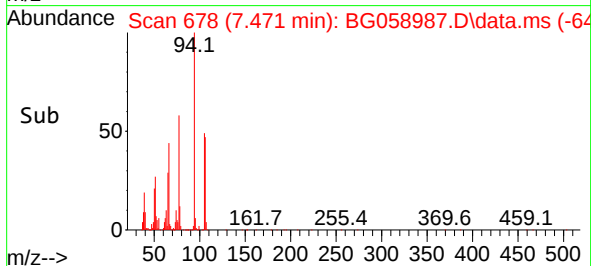
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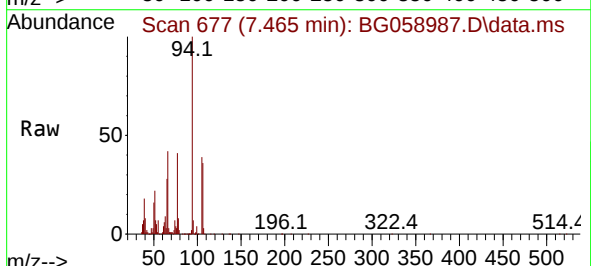
Tgt Ion: 77 Resp: 18758  
Ion Ratio Lower Upper  
77 100  
105 85.2 81.6 122.4  
106 80.6 84.5 126.7

Manual Integrations  
APPROVED

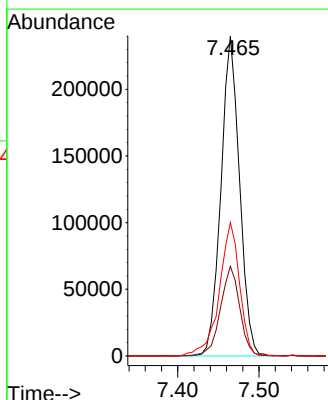
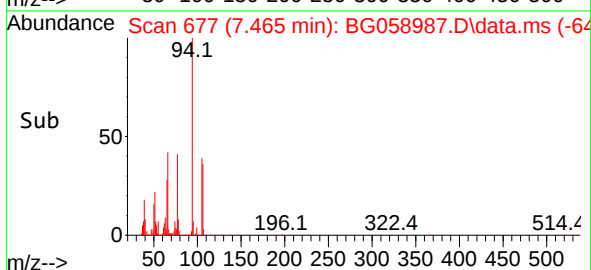
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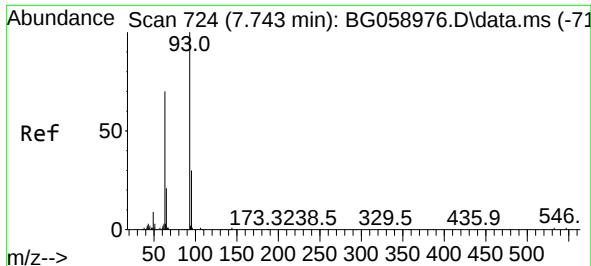


#8  
Phenol  
Concen: 43.420 ng/ul  
RT: 7.465 min Scan# 677  
Delta R.T. 0.004 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32



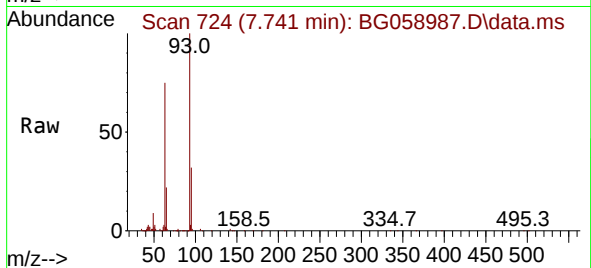
Tgt Ion: 94 Resp: 382457  
Ion Ratio Lower Upper  
94 100  
65 28.0 22.4 33.6  
66 41.7 35.0 52.6





#10  
Bis(2-Chloroethyl)ether  
Concen: 39.453 ng/ul  
RT: 7.741 min Scan# 71  
Delta R.T. -0.001 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32

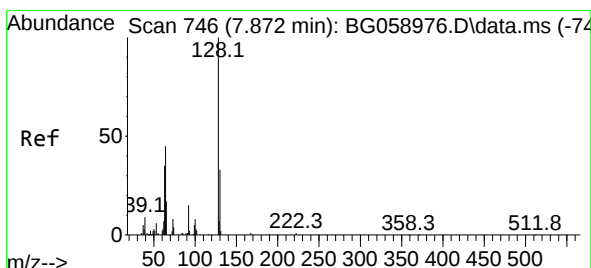
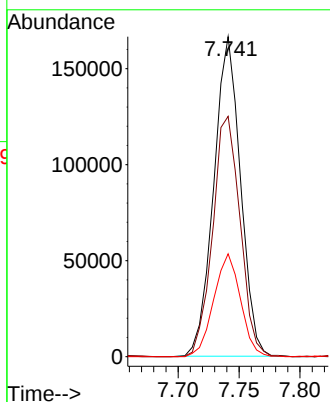
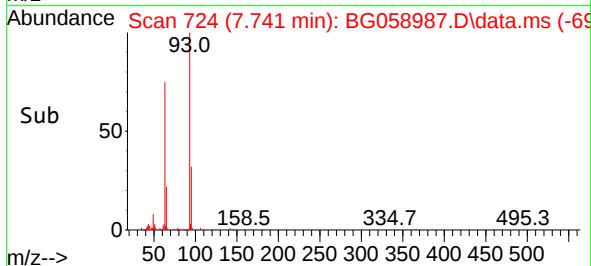
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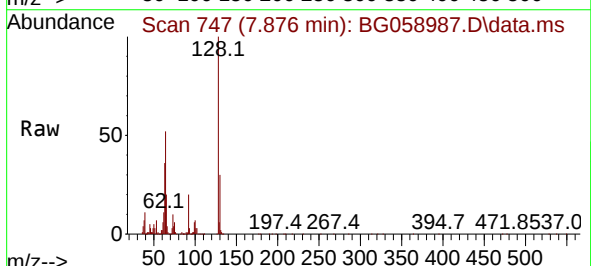
Tgt Ion: 93 Resp: 253980  
Ion Ratio Lower Upper  
93 100  
63 75.1 56.2 84.4  
95 32.1 26.4 39.6

Manual Integrations  
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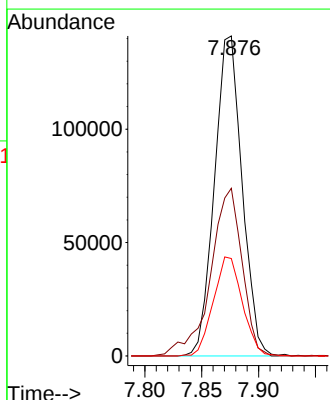
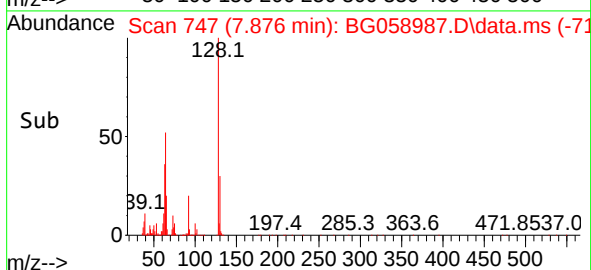
Reviewed By :Yogesh Patel 09/12/2023  
Supervised By :mohammad ahmed 09/13/2023

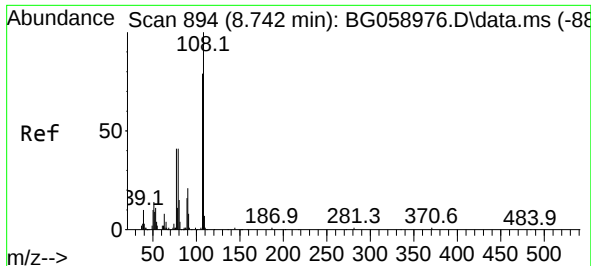


#12  
2-Chlorophenol  
Concen: 43.450 ng/ul  
RT: 7.876 min Scan# 747  
Delta R.T. 0.004 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32



Tgt Ion:128 Resp: 238586  
Ion Ratio Lower Upper  
128 100  
64 52.4 43.1 64.7  
130 30.4 23.2 34.8





#13

2-Methylphenol

Concen: 40.855 ng/ul

RT: 8.740 min Scan# 894

Delta R.T. -0.001 min

Lab File: BG058987.D

Acq: 11 Sep 2023 17:32

Instrument :

BNA\_G

ClientSampleId :

YBY14MS

Tgt Ion:108 Resp: 27095

Ion Ratio Lower Upper

108 100

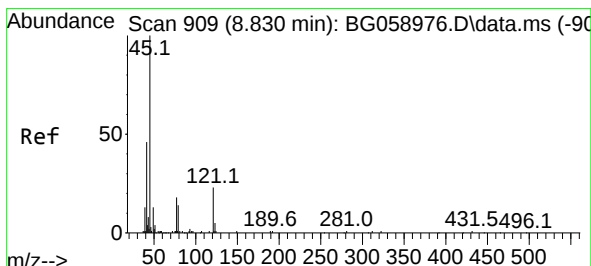
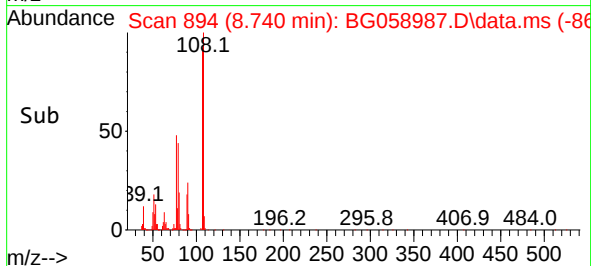
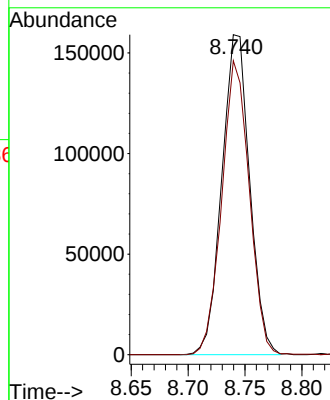
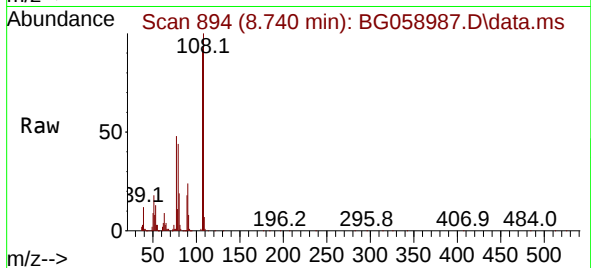
107 91.8 71.2 106.8

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 09/13/2023



#14

2,2'-oxybis(1-Chloropropane)

Concen: 39.455 ng/ul m

RT: 8.846 min Scan# 912

Delta R.T. 0.010 min

Lab File: BG058987.D

Acq: 11 Sep 2023 17:32

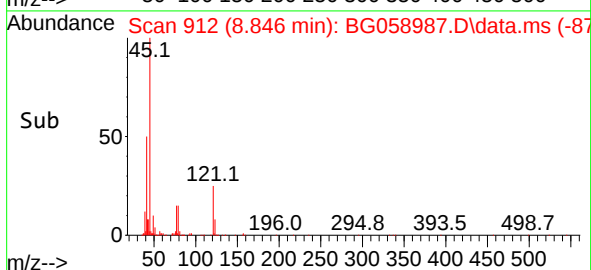
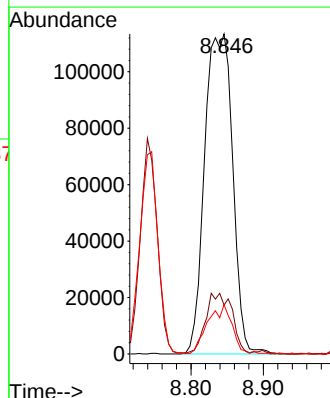
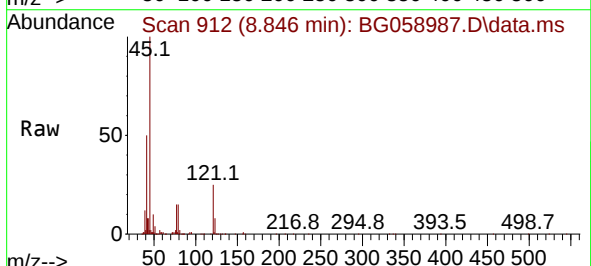
Tgt Ion: 45 Resp: 305003

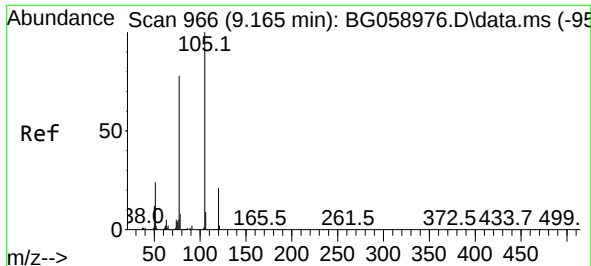
Ion Ratio Lower Upper

45 100

77 15.3 13.2 19.8

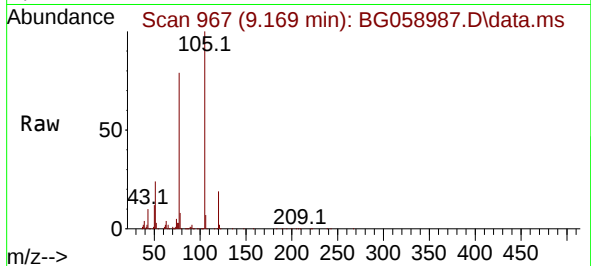
79 15.4 9.8 14.6#





#16  
Acetophenone  
Concen: 41.445 ng/ul  
RT: 9.169 min Scan# 90  
Delta R.T. -0.001 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32

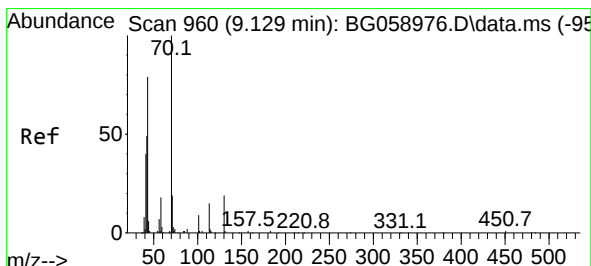
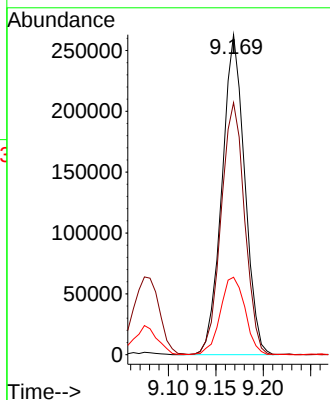
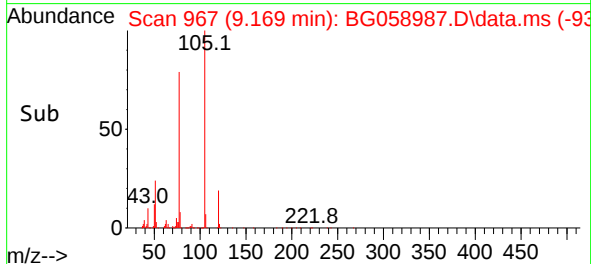
Instrument :  
BNA\_G  
ClientSampleId :  
YBY14MS



Tgt Ion:105 Resp: 439700  
Ion Ratio Lower Upper  
105 100  
77 78.8 67.3 100.9  
51 24.2 19.3 28.9

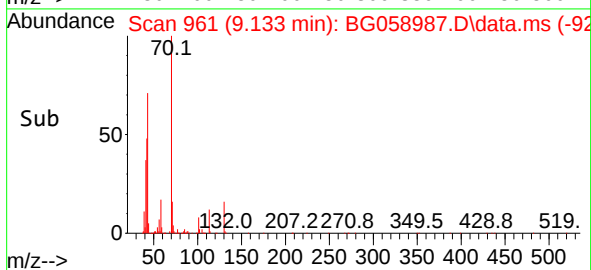
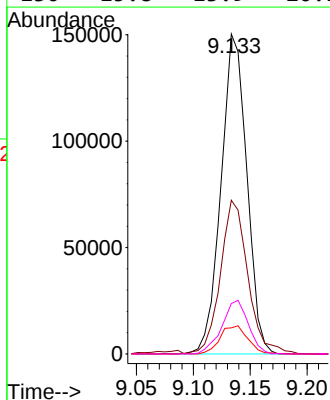
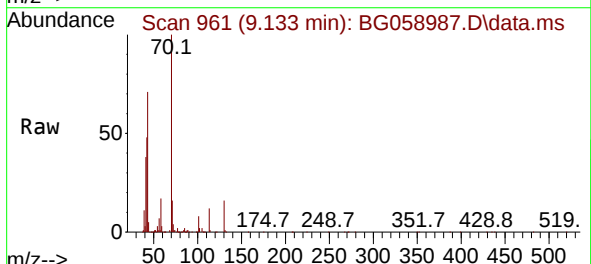
Manual Integrations  
APPROVED

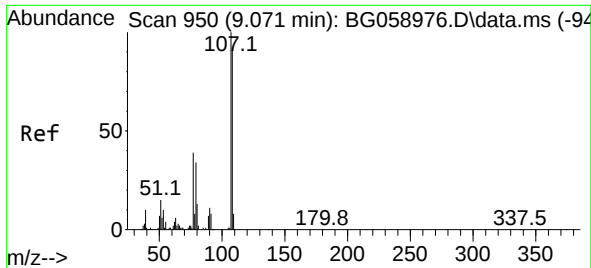
Reviewed By :Yogesh Patel 09/12/2023  
Supervised By :mohammad ahmed 09/13/2023



#17  
N-Nitroso-di-n-propylamine  
Concen: 39.865 ng/ul  
RT: 9.133 min Scan# 961  
Delta R.T. 0.004 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32

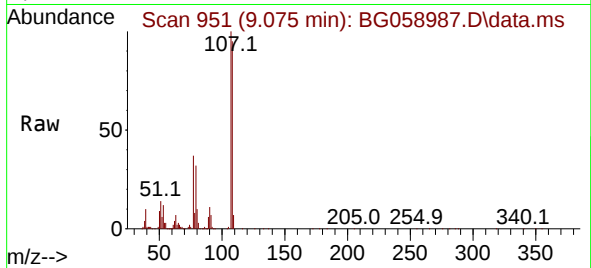
Tgt Ion: 70 Resp: 237084  
Ion Ratio Lower Upper  
70 100  
42 48.1 37.5 56.3  
101 8.2 5.0 7.6#  
130 15.8 13.9 20.9





#18  
4-Methylphenol  
Concen: 42.465 ng/ul  
RT: 9.075 min Scan# 91  
Delta R.T. 0.004 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32

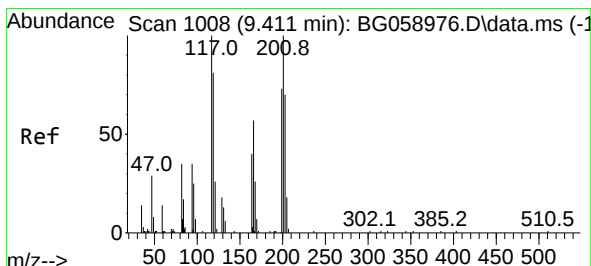
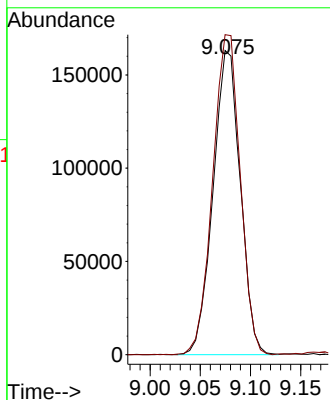
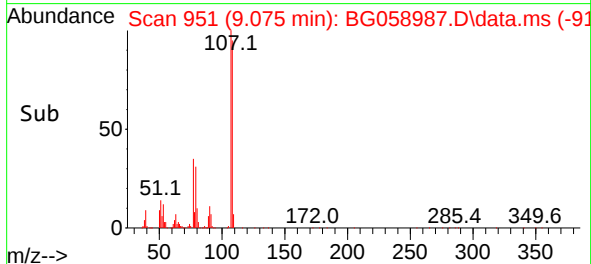
Instrument :  
BNA\_G  
ClientSampleId :  
YBY14MS



Tgt Ion:108 Resp: 30758  
Ion Ratio Lower Upper  
108 100  
107 105.2 88.9 133.3

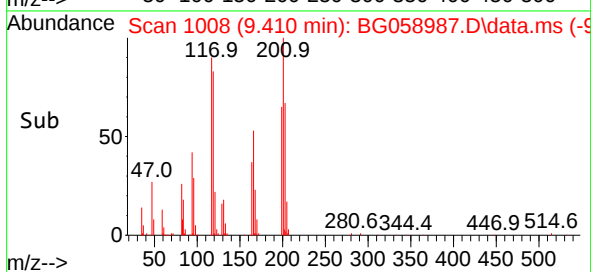
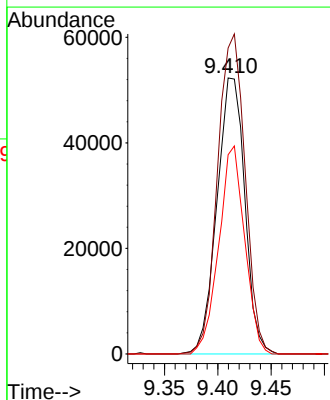
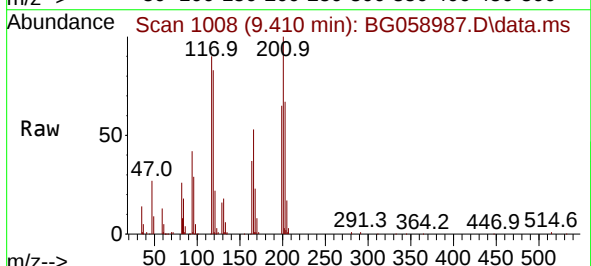
Manual Integrations  
APPROVED

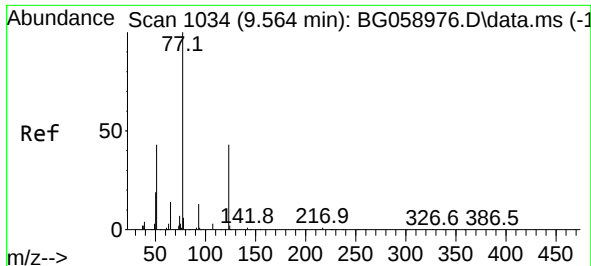
Reviewed By :Yogesh Patel 09/12/2023  
Supervised By :mohammad ahmed 09/13/2023



#19  
Hexachloroethane  
Concen: 41.242 ng/ul  
RT: 9.410 min Scan# 1008  
Delta R.T. -0.007 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32

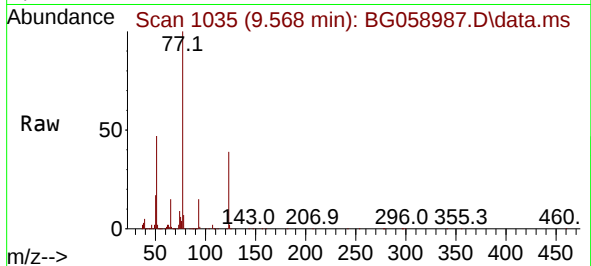
Tgt Ion:117 Resp: 94912  
Ion Ratio Lower Upper  
117 100  
201 110.8 108.2 162.4  
199 72.2 56.0 84.0





#22  
Nitrobenzene  
Concen: 37.974 ng/ul  
RT: 9.568 min Scan# 1034  
Delta R.T. 0.004 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32

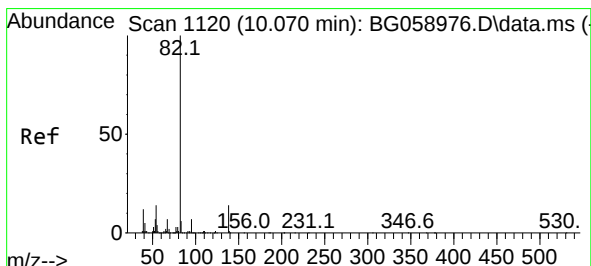
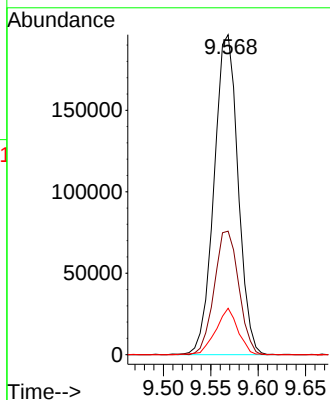
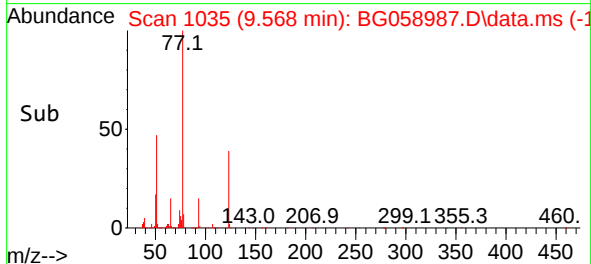
Instrument :  
BNA\_G  
ClientSampleId :  
YBY14MS



Tgt Ion: 77 Resp: 34535  
Ion Ratio Lower Upper  
77 100  
123 38.6 28.5 42.7  
65 14.5 11.5 17.3

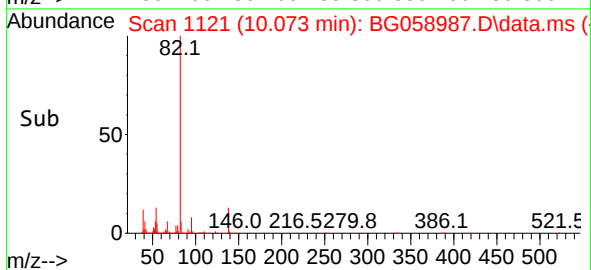
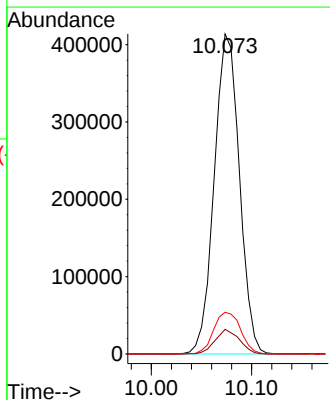
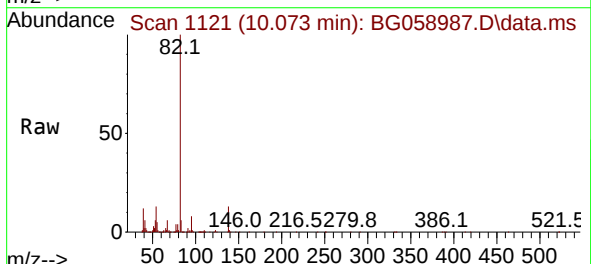
Manual Integrations  
APPROVED

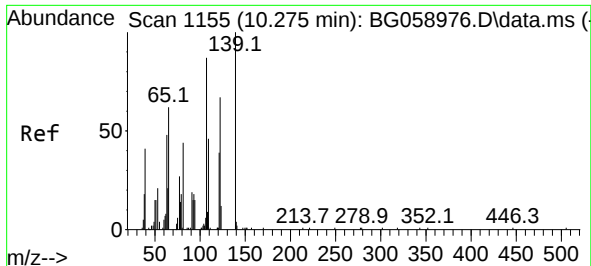
Reviewed By :Yogesh Patel 09/12/2023  
Supervised By :mohammad ahmed 09/13/2023



#23  
Isophorone  
Concen: 37.320 ng/ul  
RT: 10.073 min Scan# 1121  
Delta R.T. -0.001 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32

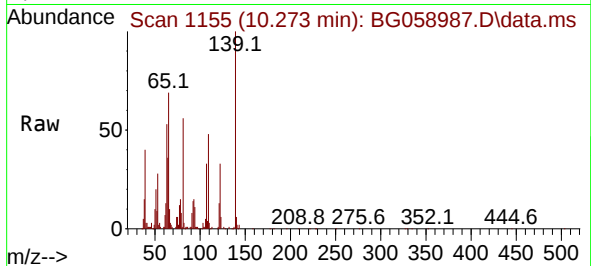
Tgt Ion: 82 Resp: 720958  
Ion Ratio Lower Upper  
82 100  
95 7.7 6.6 9.8  
138 13.1 10.4 15.6





#25  
2-Nitrophenol  
Concen: 41.715 ng/ul  
RT: 10.273 min Scan# 1155  
Delta R.T. -0.001 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32

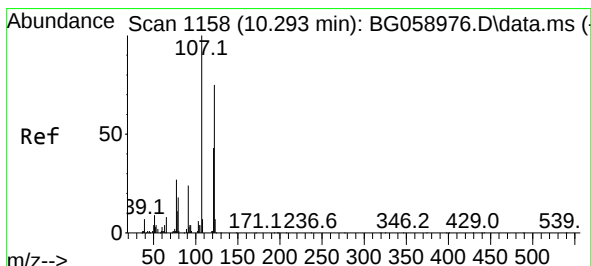
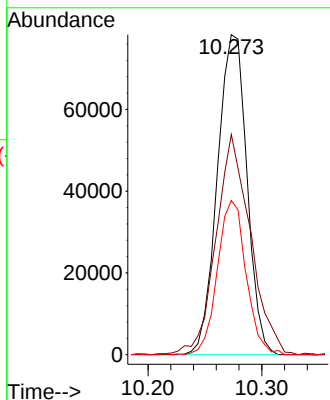
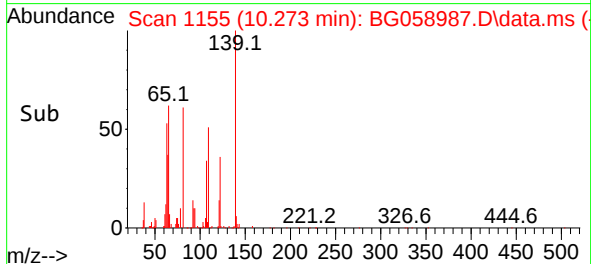
Instrument :  
BNA\_G  
ClientSampleId :  
YBY14MS



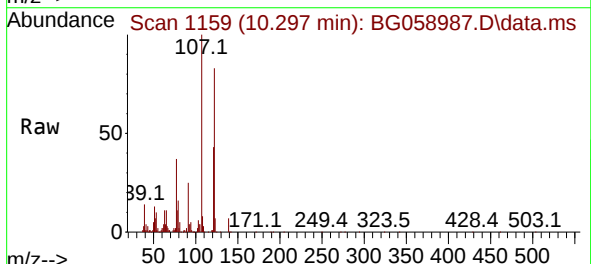
Tgt Ion:139 Resp: 141782  
Ion Ratio Lower Upper  
139 100  
65 68.8 53.5 80.3  
109 48.2 32.0 48.0

Manual Integrations  
APPROVED

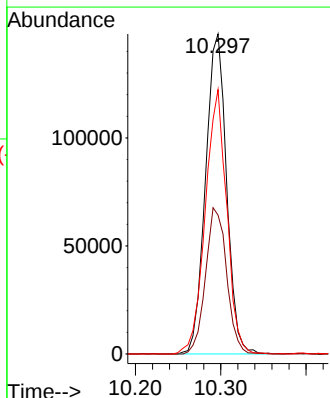
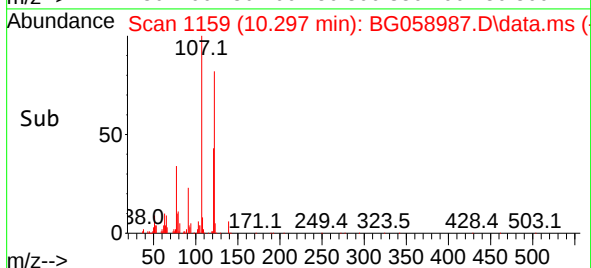
Reviewed By :Yogesh Patel 09/12/2023  
Supervised By :mohammad ahmed 09/13/2023

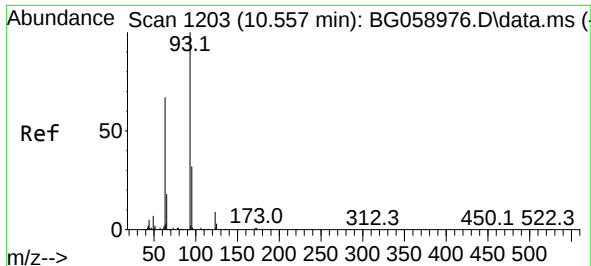


#26  
2,4-Dimethylphenol  
Concen: 30.184 ng/ul  
RT: 10.297 min Scan# 1159  
Delta R.T. 0.004 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32



Tgt Ion:107 Resp: 254248  
Ion Ratio Lower Upper  
107 100  
121 43.4 36.4 54.6  
122 82.6 69.4 104.0





#27

Bis(2-Chloroethoxy)methane

Concen: 37.296 ng/ul

RT: 10.561 min Scan# 1204

Delta R.T. 0.004 min

Lab File: BG058987.D

Acq: 11 Sep 2023 17:32

Instrument :

BNA\_G

ClientSampleId :

YBY14MS

Tgt Ion: 93 Resp: 386150

Ion Ratio Lower Upper

93 100

95 30.8 27.8 41.6

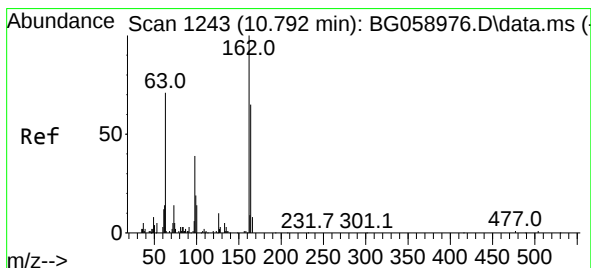
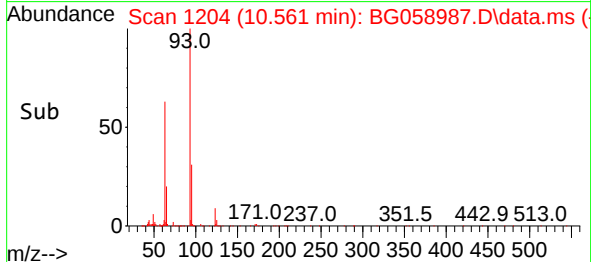
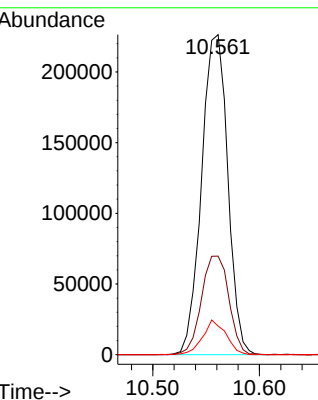
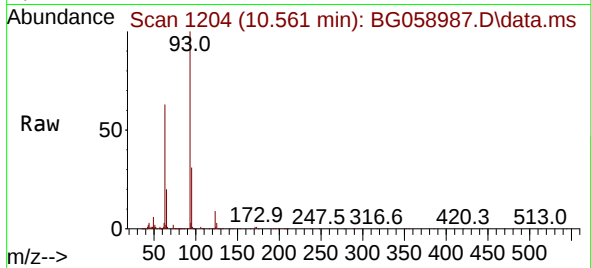
123 9.0 7.3 10.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/13/2023



#29

2,4-Dichlorophenol

Concen: 38.680 ng/ul

RT: 10.790 min Scan# 1243

Delta R.T. -0.001 min

Lab File: BG058987.D

Acq: 11 Sep 2023 17:32

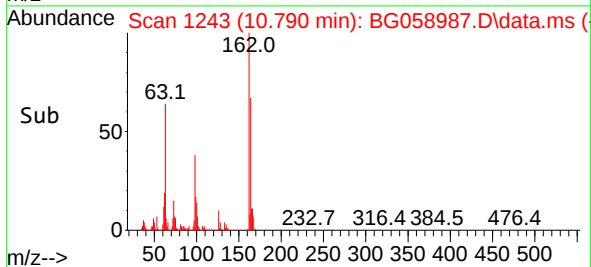
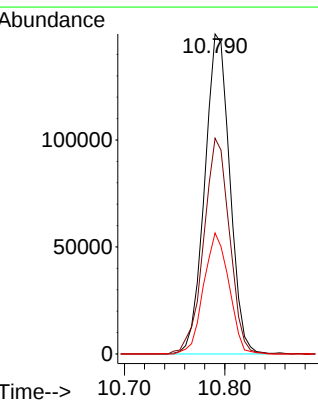
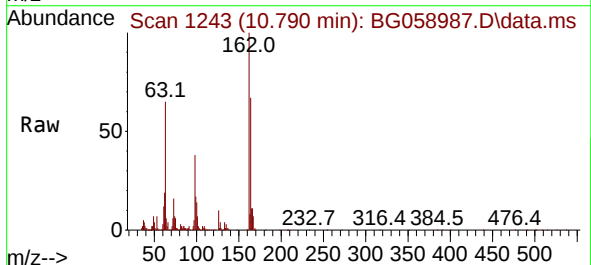
Tgt Ion:162 Resp: 259587

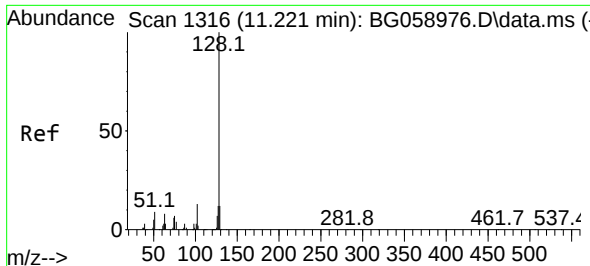
Ion Ratio Lower Upper

162 100

164 67.4 51.4 77.0

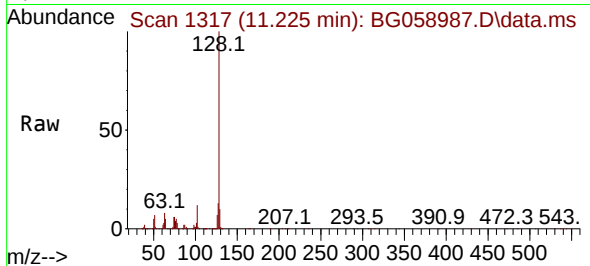
98 37.8 27.2 40.8





#30  
Naphthalene  
Concen: 37.736 ng/ul  
RT: 11.225 min Scan# 11  
Delta R.T. 0.004 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32

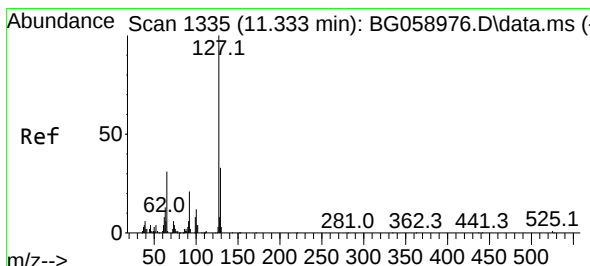
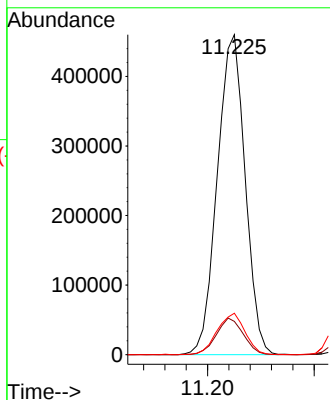
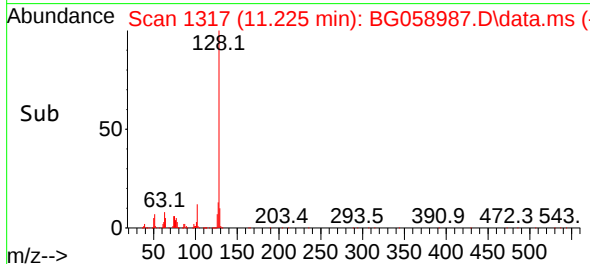
Instrument :  
BNA\_G  
ClientSampleId :  
YBY14MS



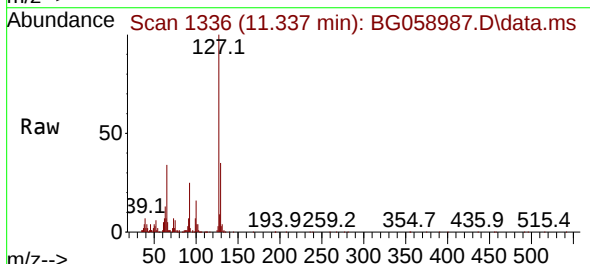
Tgt Ion:128 Resp: 83306  
Ion Ratio Lower Upper  
128 100  
129 10.4 8.2 12.2  
127 12.9 10.9 16.3

Manual Integrations  
APPROVED

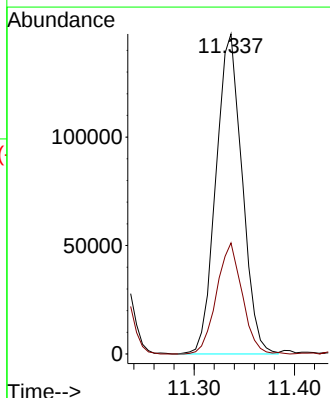
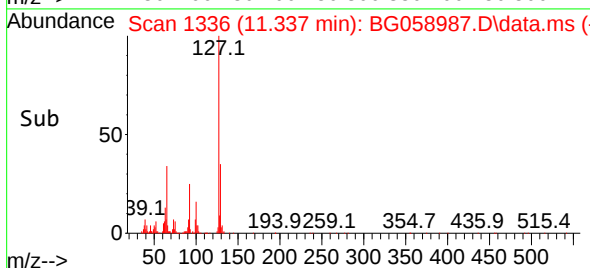
Reviewed By :Yogesh Patel 09/12/2023  
Supervised By :mohammad ahmed 09/13/2023

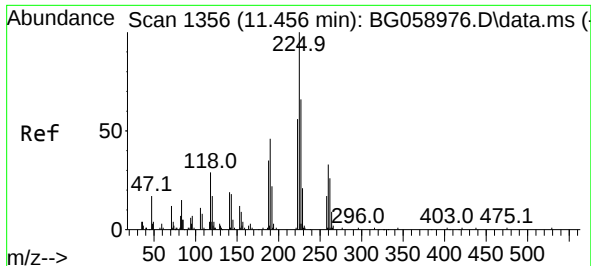


#32  
4-Chloroaniline  
Concen: 29.188 ng/ul  
RT: 11.337 min Scan# 1336  
Delta R.T. -0.001 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32



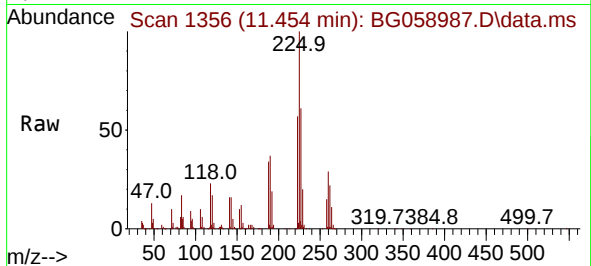
Tgt Ion:127 Resp: 266968  
Ion Ratio Lower Upper  
127 100  
129 34.7 26.6 39.8





#33  
Hexachlorobutadiene  
Concen: 36.314 ng/ul  
RT: 11.454 min Scan# 11  
Delta R.T. 0.004 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32

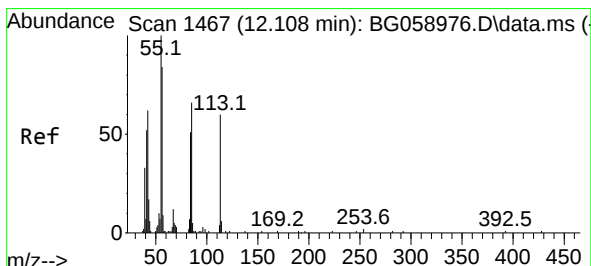
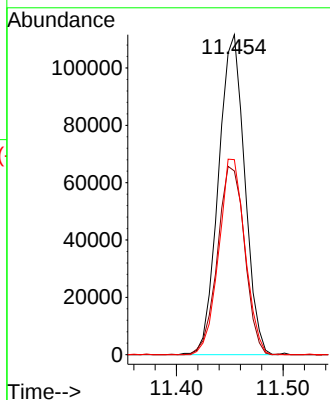
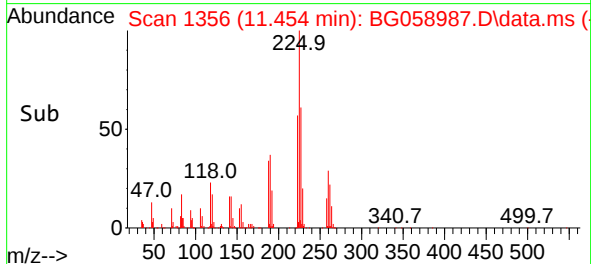
Instrument :  
BNA\_G  
ClientSampleId :  
YBY14MS



Tgt Ion:225 Resp: 19068  
Ion Ratio Lower Upper  
225 100  
223 57.4 45.5 68.3  
227 60.9 50.2 75.4

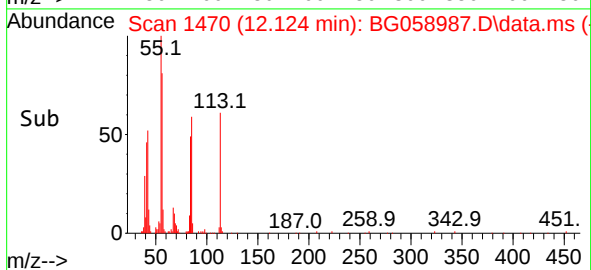
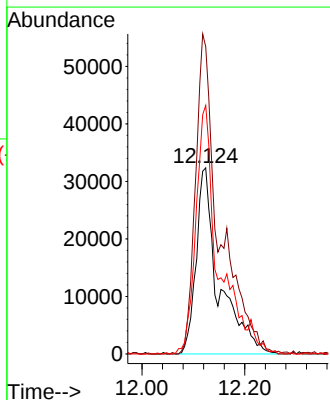
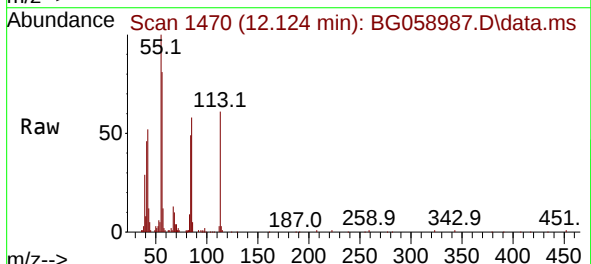
Manual Integrations  
APPROVED

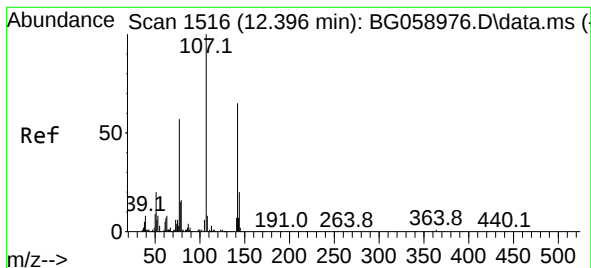
Reviewed By :Yogesh Patel 09/12/2023  
Supervised By :mohammad ahmed 09/13/2023



#34  
Caprolactam  
Concen: 41.867 ng/ul m  
RT: 12.124 min Scan# 1470  
Delta R.T. 0.016 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32

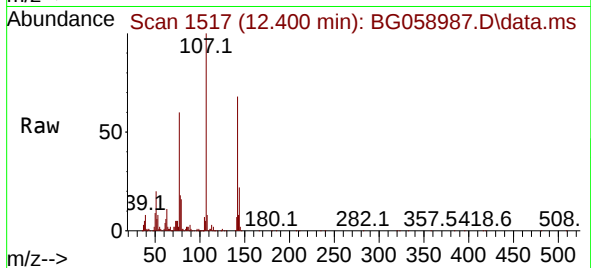
Tgt Ion:113 Resp: 99717  
Ion Ratio Lower Upper  
113 100  
55 165.2 140.5 210.7  
56 133.5 90.4 135.6





#35  
4-Chloro-3-methylphenol  
Concen: 39.263 ng/ul  
RT: 12.400 min Scan# 1516  
Delta R.T. -0.001 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32

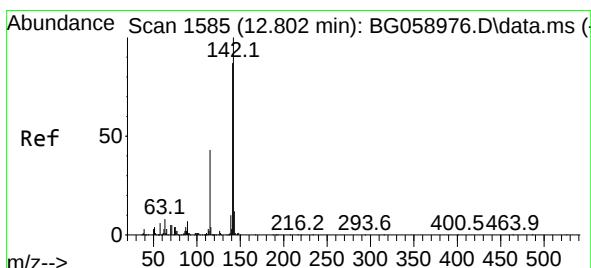
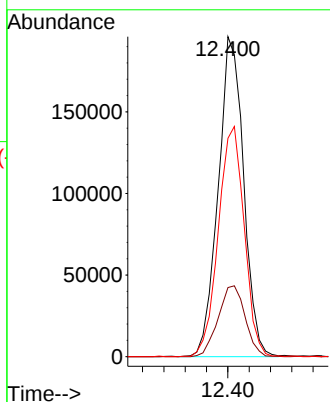
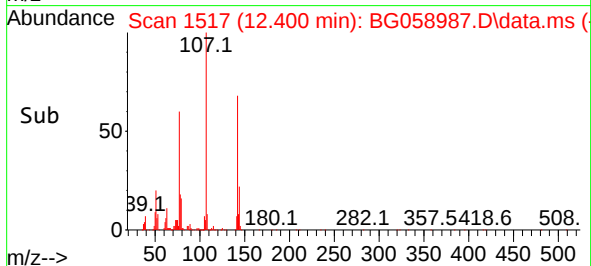
Instrument :  
BNA\_G  
ClientSampleId :  
YBY14MS



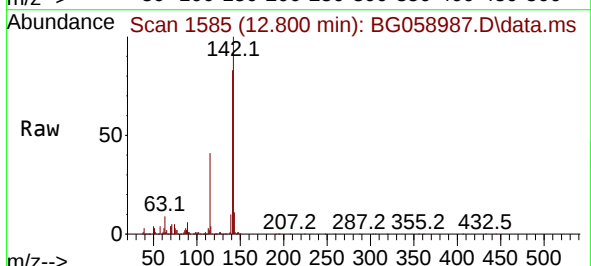
Tgt Ion:107 Resp: 32374  
Ion Ratio Lower Upper  
107 100  
144 21.6 20.2 30.2  
142 68.2 51.6 77.4

Manual Integrations  
APPROVED

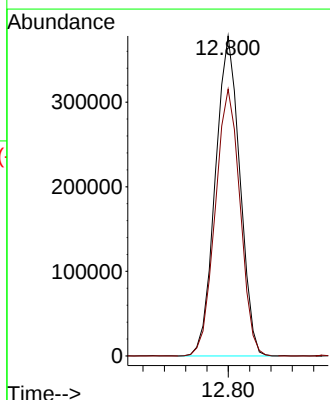
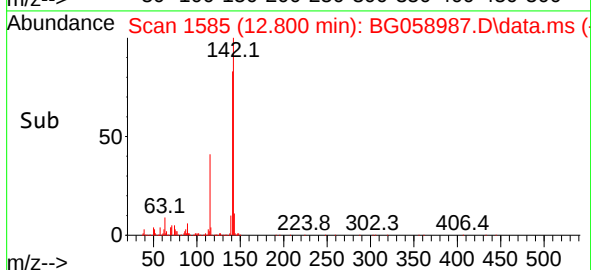
Reviewed By :Yogesh Patel 09/12/2023  
Supervised By :mohammad ahmed 09/13/2023

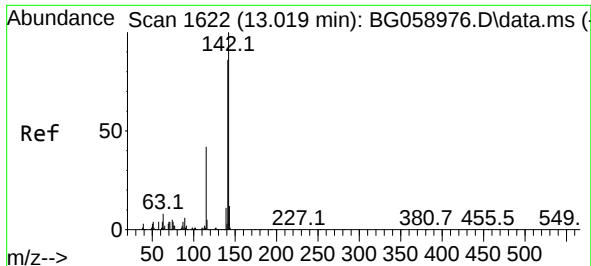


#36  
2-Methylnaphthalene  
Concen: 36.658 ng/ul  
RT: 12.800 min Scan# 1585  
Delta R.T. -0.001 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32



Tgt Ion:142 Resp: 603871  
Ion Ratio Lower Upper  
142 100  
141 83.3 65.7 98.5





#37

1-Methylnaphthalene

Concen: 37.032 ng/ul

RT: 13.017 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG058987.D

Acq: 11 Sep 2023 17:32

Instrument :

BNA\_G

ClientSampleId :

YBY14MS

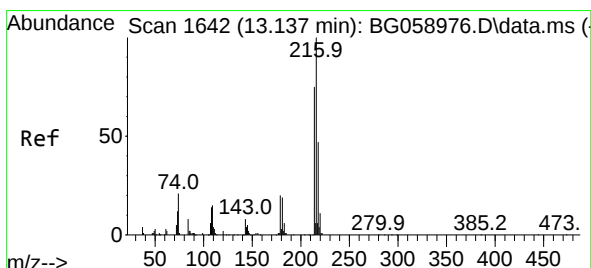
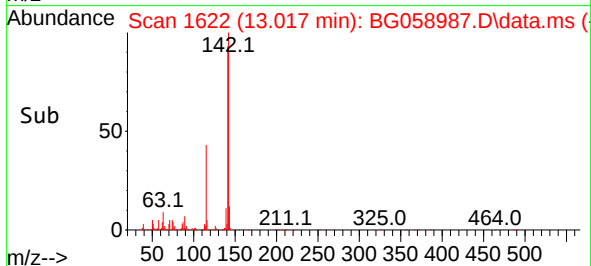
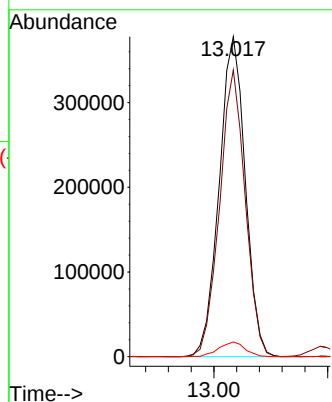
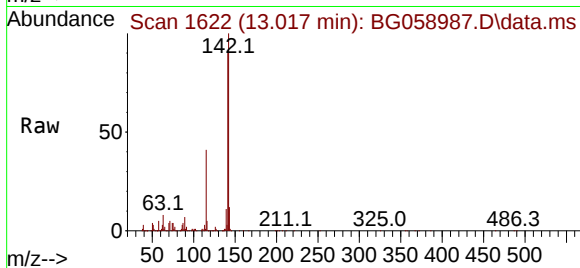
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 601700 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 141       | 89.6  | 73.1  | 109.7  |
| 116       | 4.6   | 3.4   | 5.0    |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/13/2023



#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.283 ng/ul

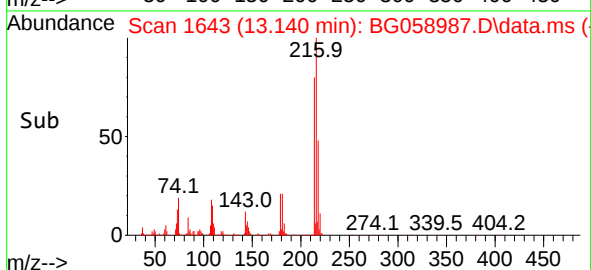
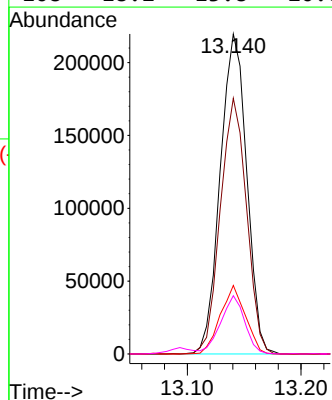
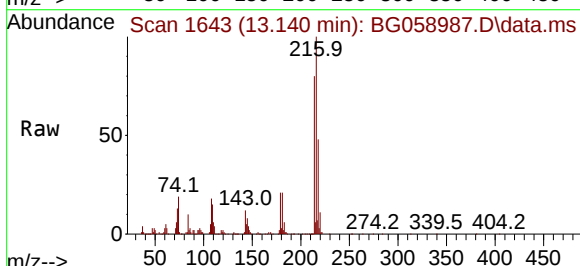
RT: 13.140 min Scan# 1643

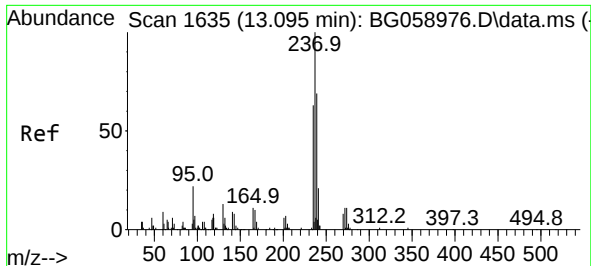
Delta R.T. -0.001 min

Lab File: BG058987.D

Acq: 11 Sep 2023 17:32

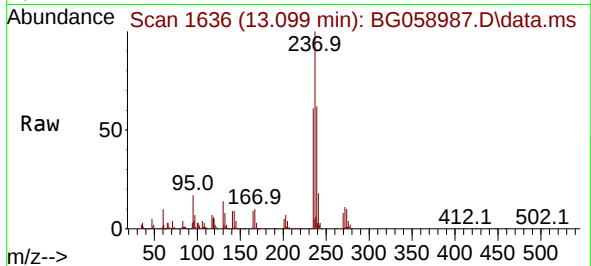
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 355381 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 79.9  | 59.6  | 89.4   |
| 179       | 21.4  | 13.6  | 20.4   |
| 108       | 18.2  | 13.8  | 20.6   |





#40  
Hexachlorocyclopentadiene  
Concen: 27.989 ng/ul  
RT: 13.099 min Scan# 1635  
Delta R.T. 0.004 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32

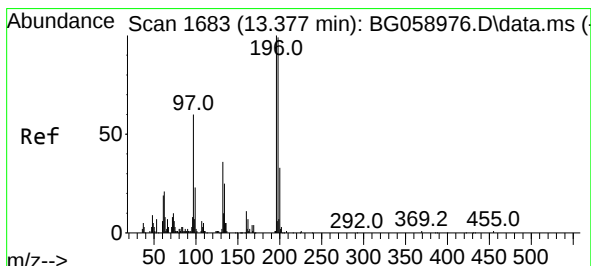
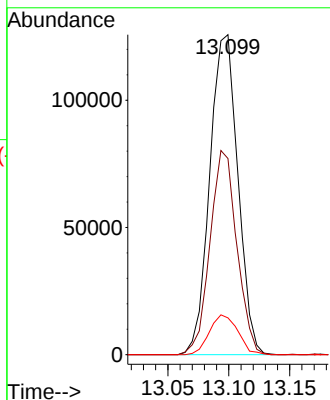
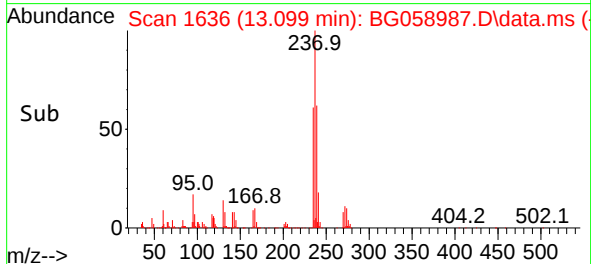
Instrument :  
BNA\_G  
ClientSampleId :  
YBY14MS



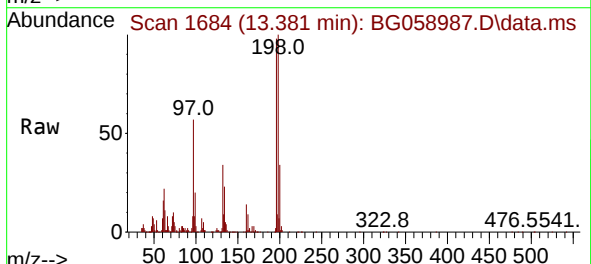
Tgt Ion:237 Resp: 20171  
Ion Ratio Lower Upper  
237 100  
235 61.3 52.6 78.8  
272 11.5 8.6 13.0

Manual Integrations  
APPROVED

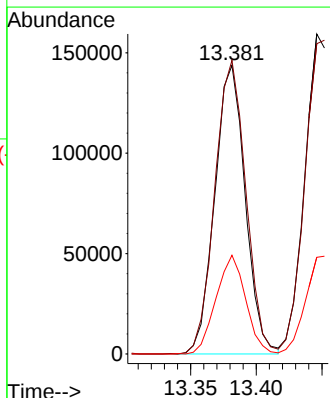
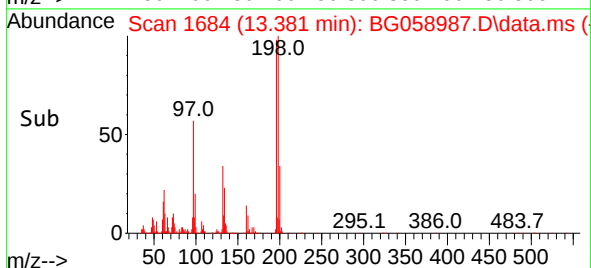
Reviewed By :Yogesh Patel 09/12/2023  
Supervised By :mohammad ahmed 09/13/2023

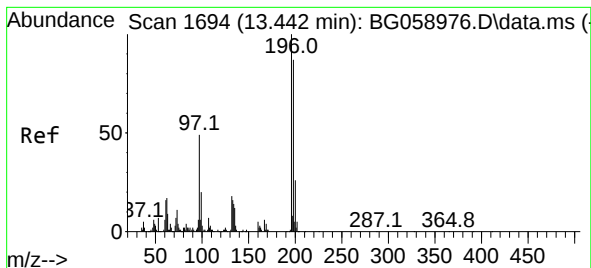


#41  
2,4,6-Trichlorophenol  
Concen: 37.277 ng/ul  
RT: 13.381 min Scan# 1684  
Delta R.T. 0.004 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32



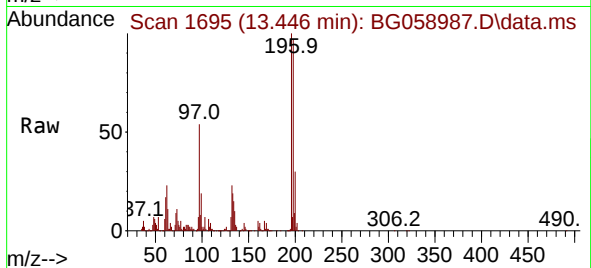
Tgt Ion:196 Resp: 231790  
Ion Ratio Lower Upper  
196 100  
198 101.7 78.3 117.5  
200 34.2 23.7 35.5





#42  
2,4,5-Trichlorophenol  
Concen: 38.094 ng/ul  
RT: 13.446 min Scan# 1  
Delta R.T. -0.001 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32

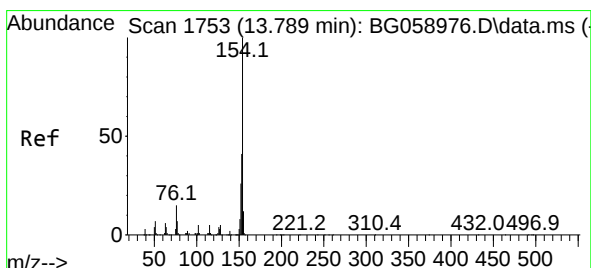
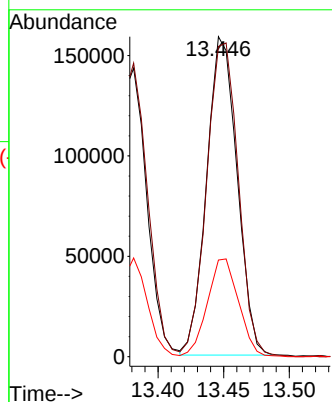
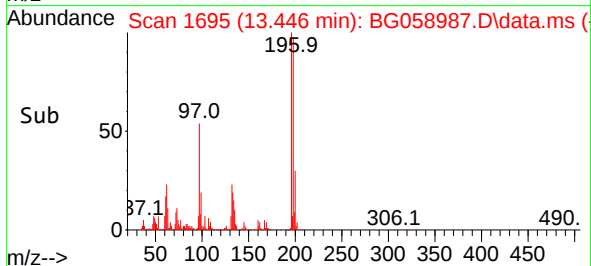
Instrument :  
BNA\_G  
ClientSampleId :  
YBY14MS



Tgt Ion:196 Resp: 25643  
Ion Ratio Lower Upper  
196 100  
198 96.9 84.8 127.2  
200 30.2 27.7 41.5

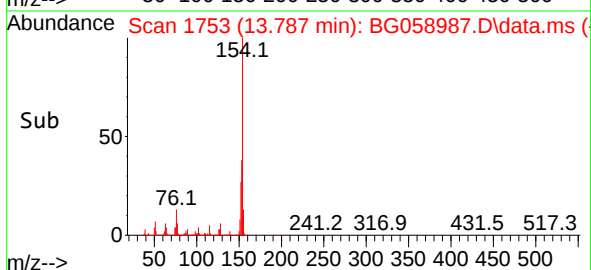
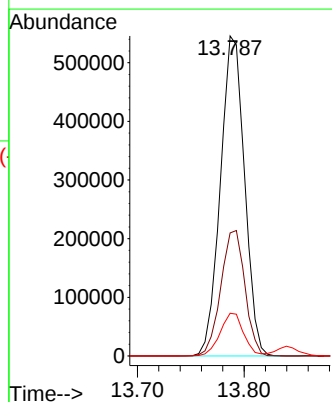
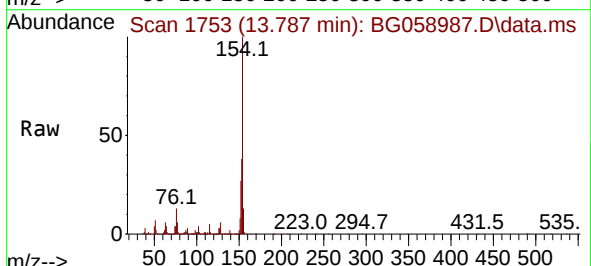
Manual Integrations  
APPROVED

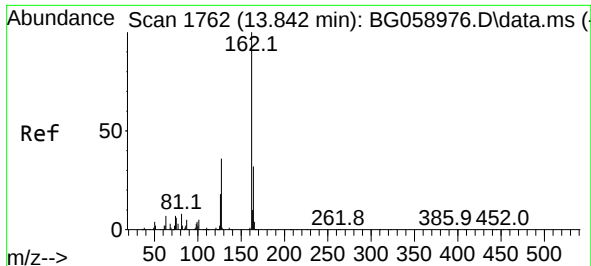
Reviewed By :Yogesh Patel 09/12/2023  
Supervised By :mohammad ahmed 09/13/2023



#43  
1,1'-Biphenyl  
Concen: 38.221 ng/ul  
RT: 13.787 min Scan# 1753  
Delta R.T. -0.001 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32

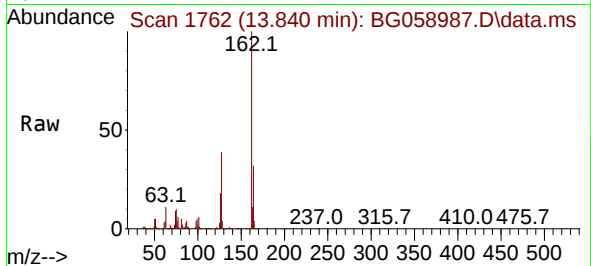
Tgt Ion:154 Resp: 857275  
Ion Ratio Lower Upper  
154 100  
153 38.5 31.6 47.4  
76 13.3 9.0 13.4





#44  
2-Chloronaphthalene  
Concen: 38.449 ng/ul  
RT: 13.840 min Scan# 1762  
Delta R.T. -0.001 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32

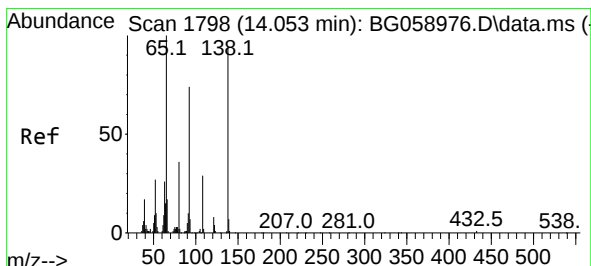
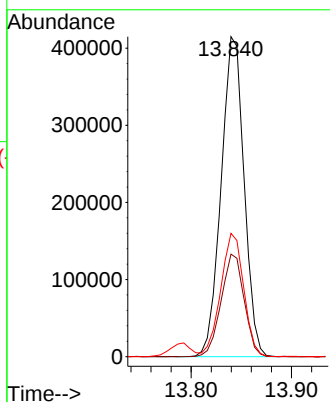
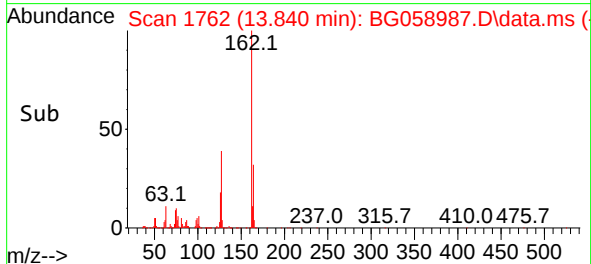
Instrument :  
BNA\_G  
ClientSampleId :  
YBY14MS



Tgt Ion:162 Resp: 658659  
Ion Ratio Lower Upper  
162 100  
164 32.0 27.6 41.4  
127 38.5 29.4 44.0

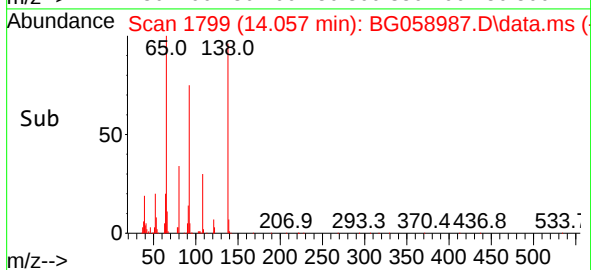
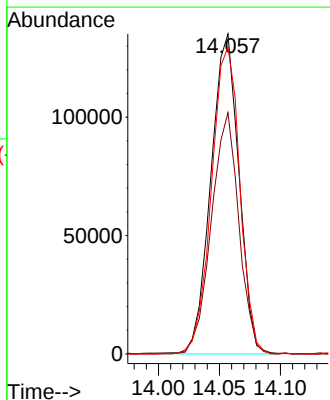
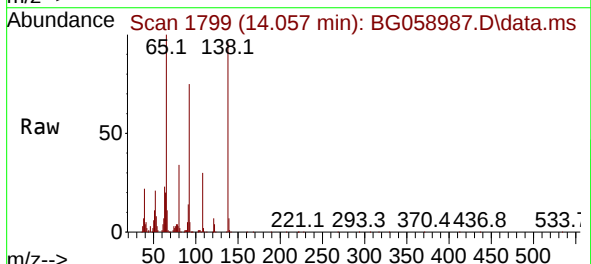
Manual Integrations  
APPROVED

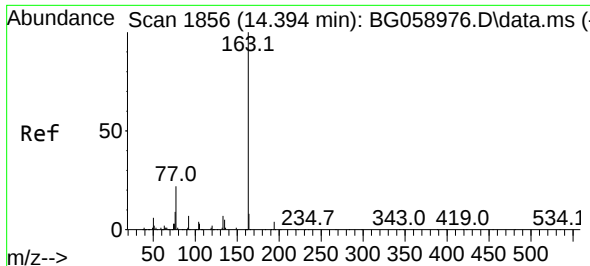
Reviewed By :Yogesh Patel 09/12/2023  
Supervised By :mohammad ahmed 09/13/2023



#45  
2-Nitroaniline  
Concen: 41.041 ng/ul  
RT: 14.057 min Scan# 1799  
Delta R.T. 0.004 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32

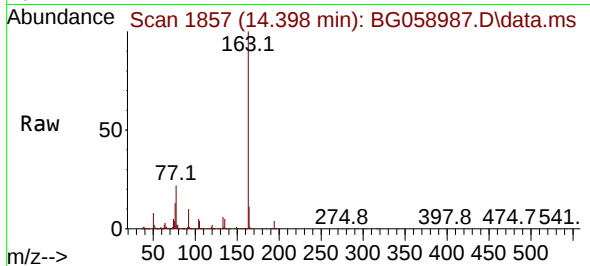
Tgt Ion: 65 Resp: 215621  
Ion Ratio Lower Upper  
65 100  
92 75.4 54.0 81.0  
138 95.9 64.8 97.2





#47  
Dimethylphthalate  
Concen: 38.887 ng/ul  
RT: 14.398 min Scan# 1857  
Delta R.T. 0.004 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32

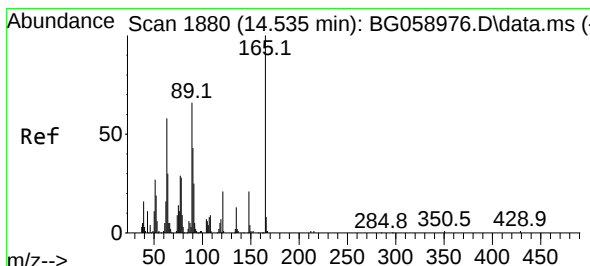
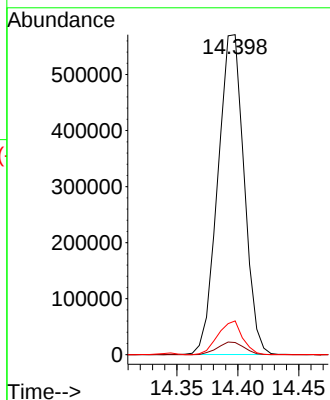
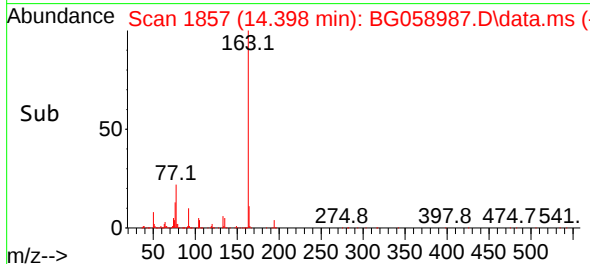
Instrument :  
BNA\_G  
ClientSampleId :  
YBY14MS



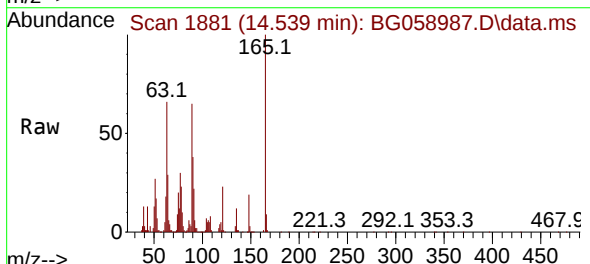
Tgt Ion:163 Resp: 855794  
Ion Ratio Lower Upper  
163 100  
194 3.8 2.8 4.2  
164 10.5 7.9 11.9

Manual Integrations  
APPROVED

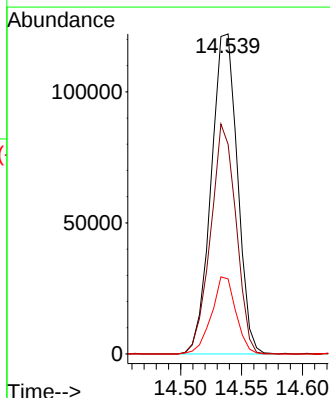
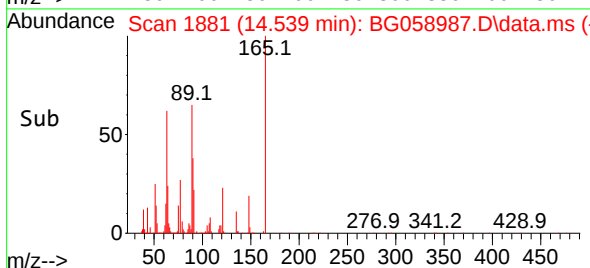
Reviewed By :Yogesh Patel 09/12/2023  
Supervised By :mohammad ahmed 09/13/2023

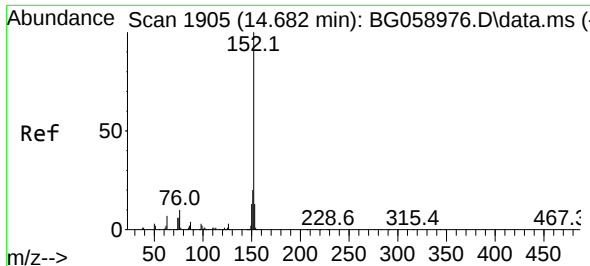


#48  
2,6-Dinitrotoluene  
Concen: 43.823 ng/ul  
RT: 14.539 min Scan# 1881  
Delta R.T. 0.004 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32



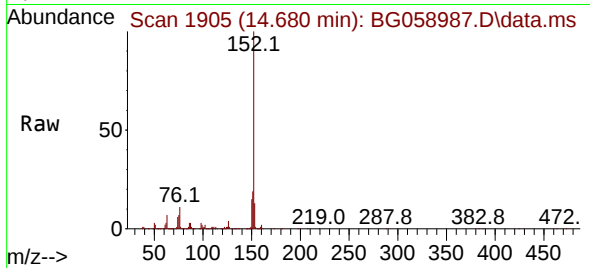
Tgt Ion:165 Resp: 183455  
Ion Ratio Lower Upper  
165 100  
89 65.5 55.8 83.6  
121 23.5 16.3 24.5





#50  
Acenaphthylene  
Concen: 37.413 ng/ul  
RT: 14.680 min Scan# 1905  
Delta R.T. -0.001 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32

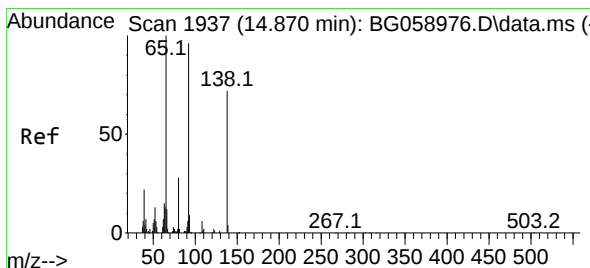
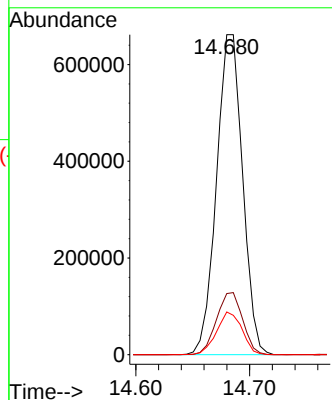
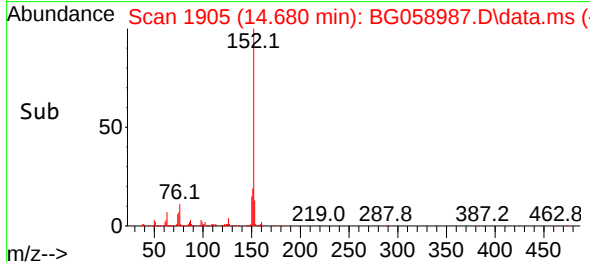
Instrument :  
BNA\_G  
ClientSampleId :  
YBY14MS



Tgt Ion:152 Resp: 1057198  
Ion Ratio Lower Upper  
152 100  
151 19.1 14.6 21.8  
153 13.4 10.4 15.6

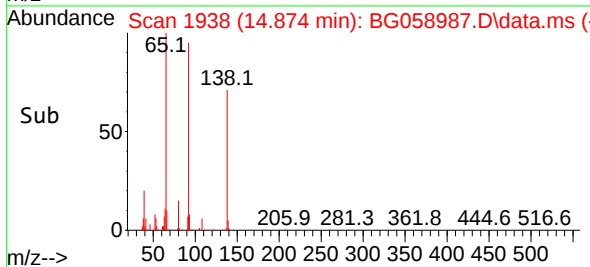
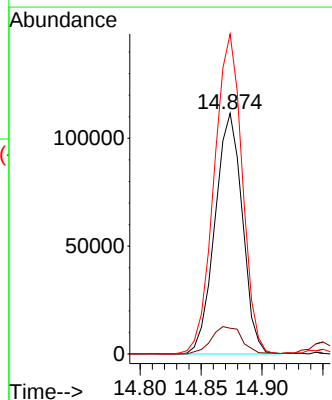
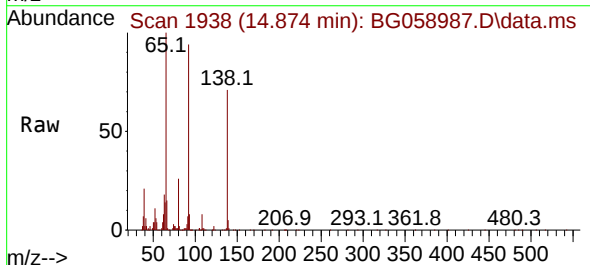
Manual Integrations  
APPROVED

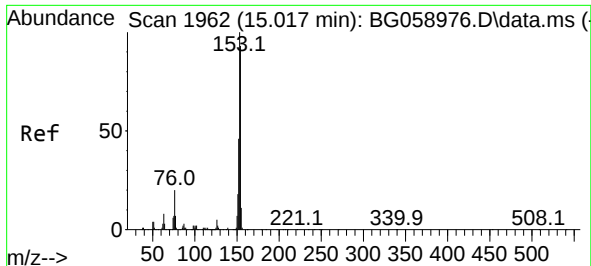
Reviewed By :Yogesh Patel 09/12/2023  
Supervised By :mohammad ahmed 09/13/2023



#51  
3-Nitroaniline  
Concen: 43.406 ng/ul  
RT: 14.874 min Scan# 1938  
Delta R.T. 0.004 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32

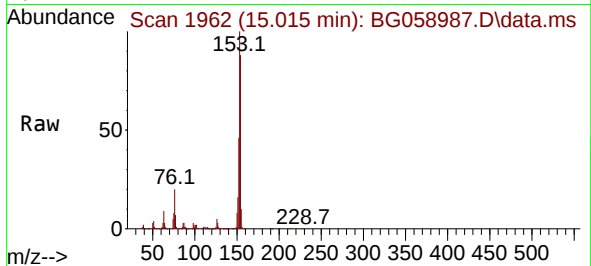
Tgt Ion:138 Resp: 174377  
Ion Ratio Lower Upper  
138 100  
108 10.7 11.8 17.6#  
92 133.0 122.2 183.2





#52  
Acenaphthene  
Concen: 39.049 ng/ul  
RT: 15.015 min Scan# 1962  
Delta R.T. -0.001 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32

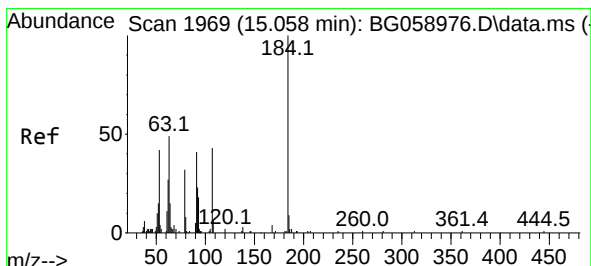
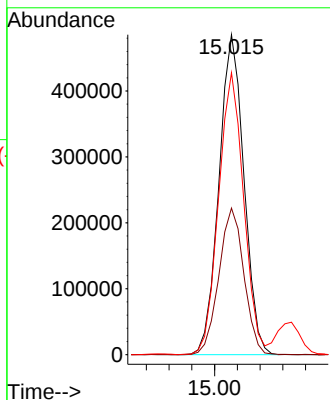
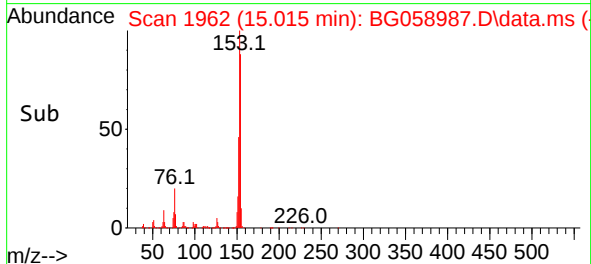
Instrument :  
BNA\_G  
ClientSampleId :  
YBY14MS



Tgt Ion:153 Resp: 740458  
Ion Ratio Lower Upper  
153 100  
152 45.8 36.5 54.7  
154 88.1 74.1 111.1

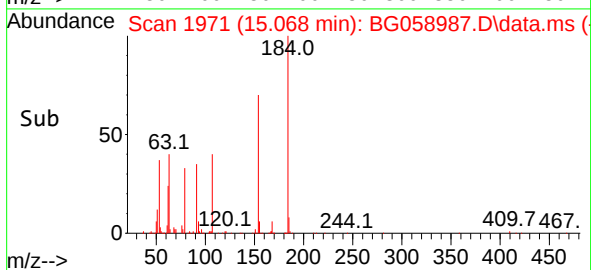
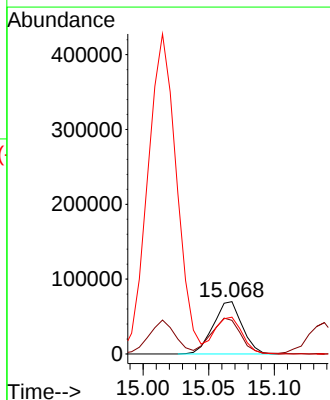
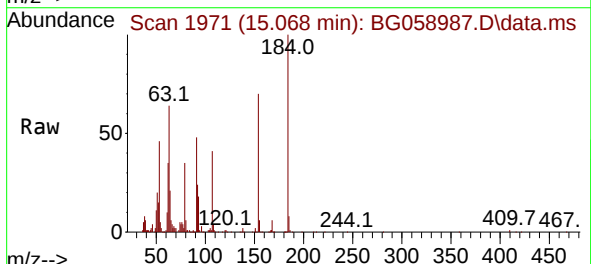
Manual Integrations  
APPROVED

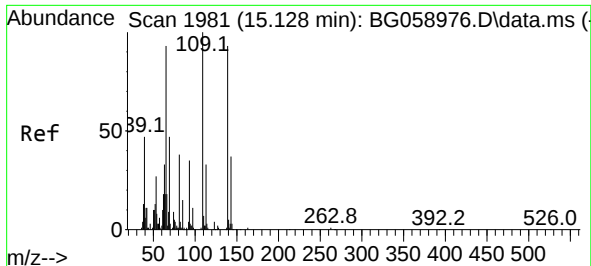
Reviewed By :Yogesh Patel 09/12/2023  
Supervised By :mohammad ahmed 09/13/2023



#53  
2,4-Dinitrophenol  
Concen: 39.457 ng/ul  
RT: 15.068 min Scan# 1971  
Delta R.T. 0.004 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32

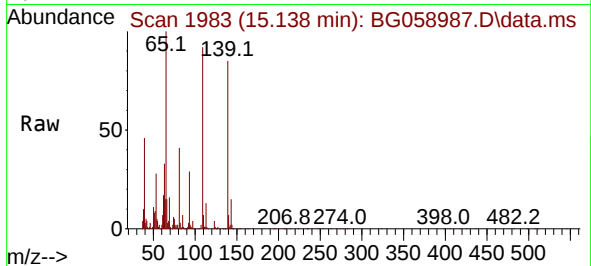
Tgt Ion:184 Resp: 106466  
Ion Ratio Lower Upper  
184 100  
63 64.2 57.7 86.5  
154 70.5 60.7 91.1





#55  
4-Nitrophenol  
Concen: 38.302 ng/ul  
RT: 15.138 min Scan# 1983  
Delta R.T. 0.010 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32

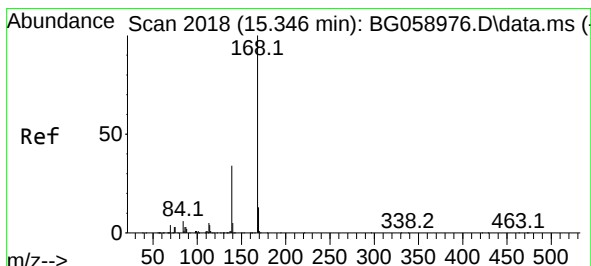
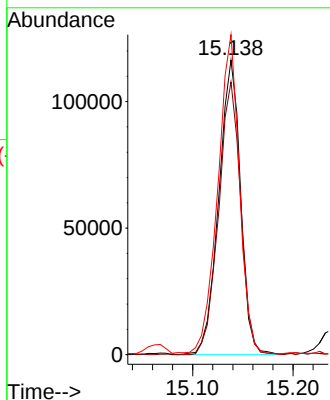
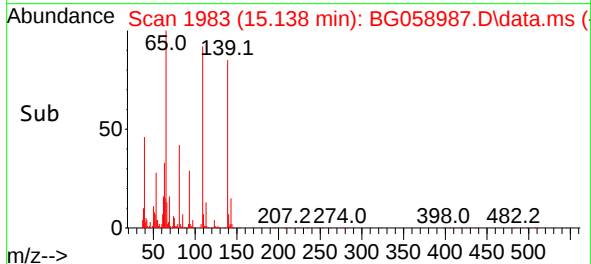
Instrument :  
BNA\_G  
ClientSampleId :  
YBY14MS



Tgt Ion:109 Resp: 174715  
Ion Ratio Lower Upper  
109 100  
139 92.6 74.3 111.5  
65 108.6 93.4 140.0

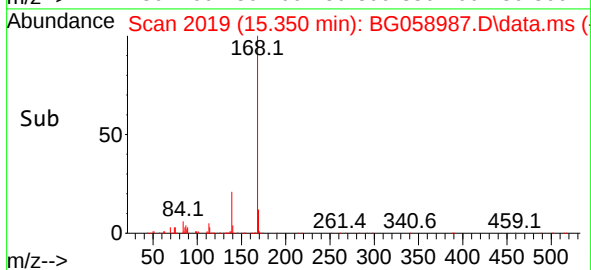
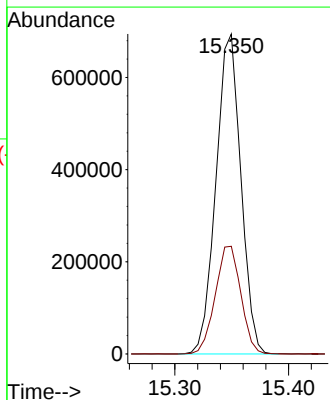
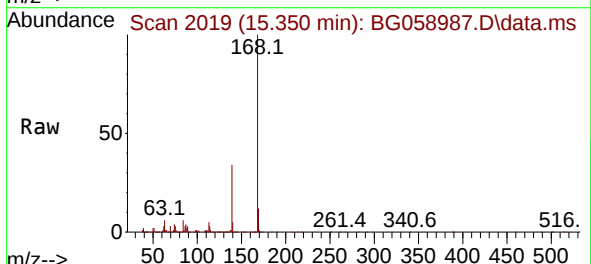
Manual Integrations  
APPROVED

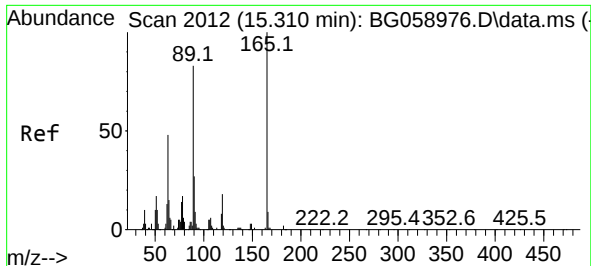
Reviewed By :Yogesh Patel 09/12/2023  
Supervised By :mohammad ahmed 09/13/2023



#56  
Dibenzofuran  
Concen: 38.467 ng/ul  
RT: 15.350 min Scan# 2019  
Delta R.T. 0.004 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32

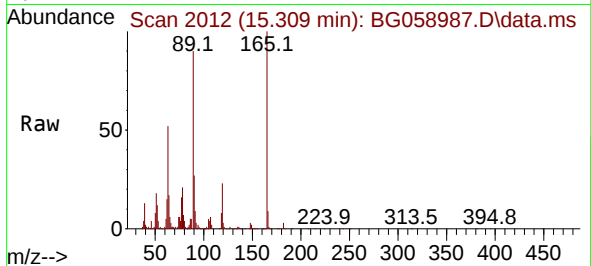
Tgt Ion:168 Resp: 1056524  
Ion Ratio Lower Upper  
168 100  
139 33.7 27.4 41.2





#57  
2,4-Dinitrotoluene  
Concen: 43.366 ng/ul  
RT: 15.309 min Scan# 2012  
Delta R.T. -0.001 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32

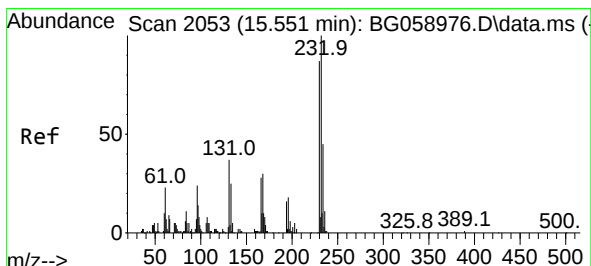
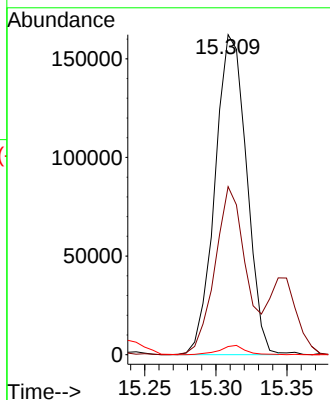
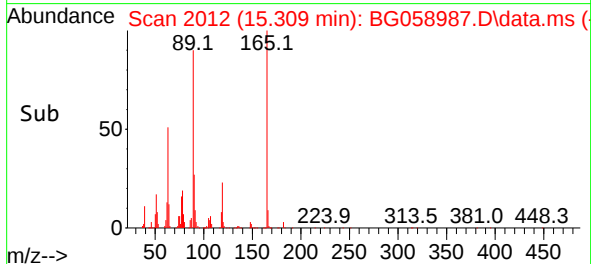
Instrument :  
BNA\_G  
ClientSampleId :  
YBY14MS



Tgt Ion:165 Resp: 250498  
Ion Ratio Lower Upper  
165 100  
63 52.5 33.3 49.9  
182 2.5 1.4 2.0

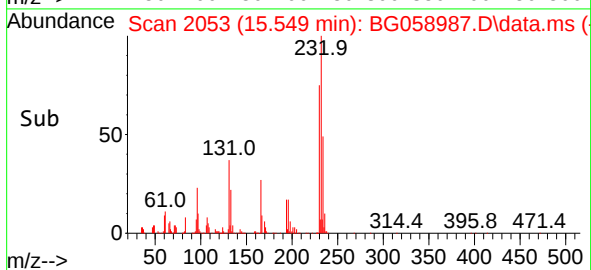
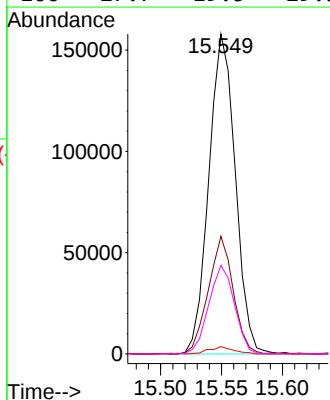
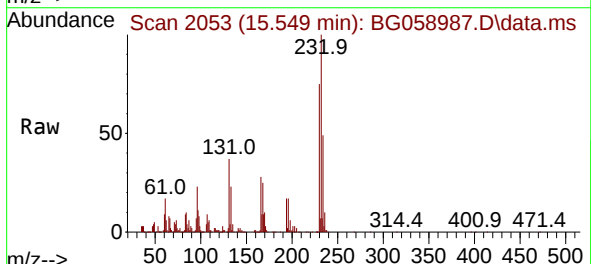
Manual Integrations  
APPROVED

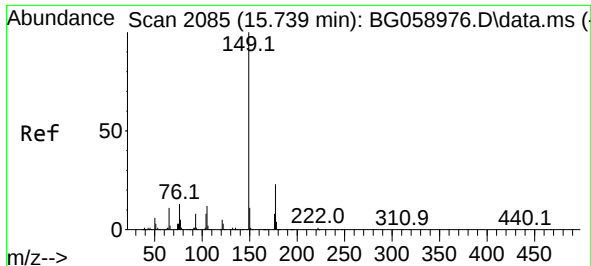
Reviewed By :Yogesh Patel 09/12/2023  
Supervised By :mohammad ahmed 09/13/2023



#58  
2,3,4,6-Tetrachlorophenol  
Concen: 37.128 ng/ul  
RT: 15.549 min Scan# 2053  
Delta R.T. -0.001 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32

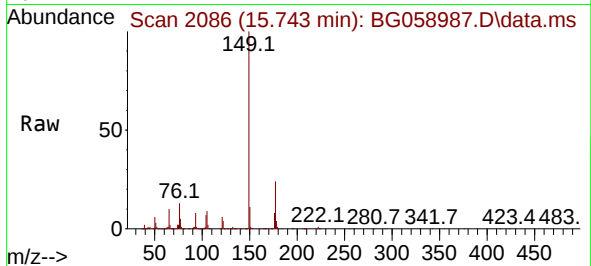
Tgt Ion:232 Resp: 238739  
Ion Ratio Lower Upper  
232 100  
131 36.8 27.1 40.7  
130 2.3 0.7 1.1  
166 27.7 19.5 29.3





#59  
Diethylphthalate  
Concen: 38.925 ng/ul  
RT: 15.743 min Scan# 2085  
Delta R.T. 0.004 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32

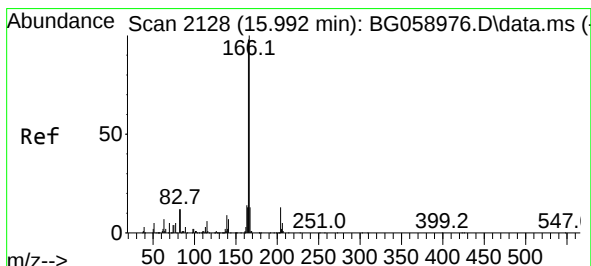
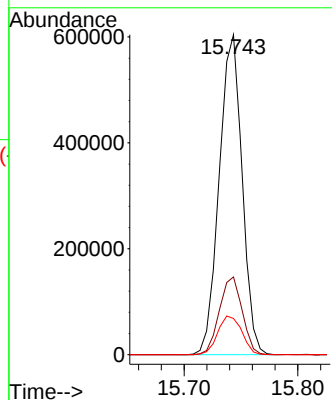
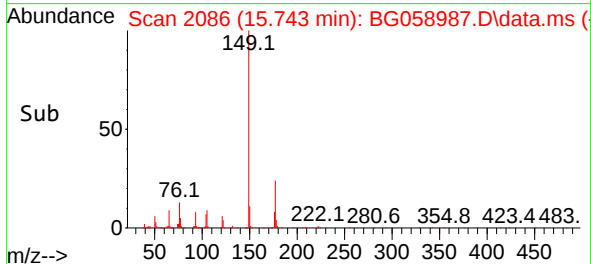
Instrument :  
BNA\_G  
ClientSampleId :  
YBY14MS



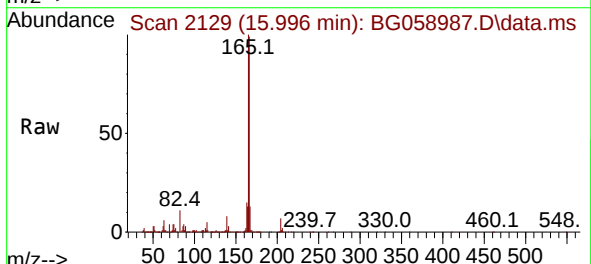
Tgt Ion:149 Resp: 84452  
Ion Ratio Lower Upper  
149 100  
177 24.3 16.9 25.3  
150 11.3 9.7 14.5

Manual Integrations  
APPROVED

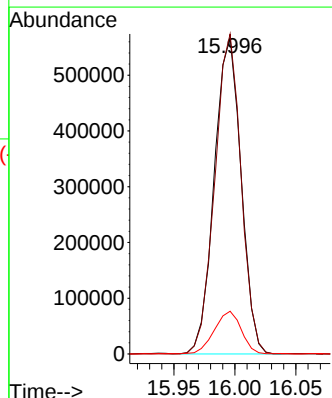
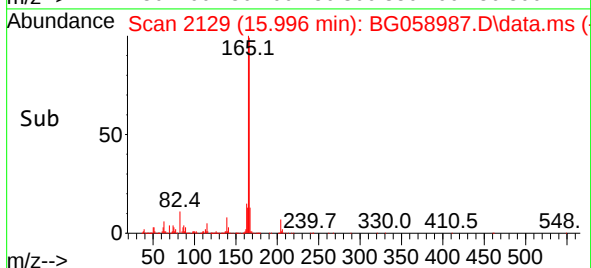
Reviewed By :Yogesh Patel 09/12/2023  
Supervised By :mohammad ahmed 09/13/2023

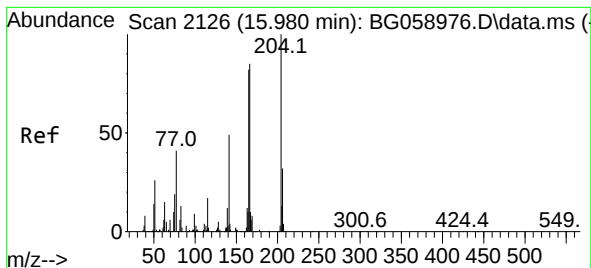


#61  
Fluorene  
Concen: 38.375 ng/ul  
RT: 15.996 min Scan# 2129  
Delta R.T. 0.004 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32



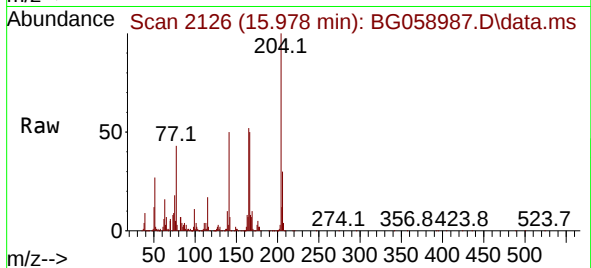
Tgt Ion:166 Resp: 866263  
Ion Ratio Lower Upper  
166 100  
165 101.2 76.4 114.6  
167 13.5 9.3 13.9





#62  
4-Chlorophenyl-phenylether  
Concen: 37.514 ng/ul  
RT: 15.978 min Scan# 2126  
Delta R.T. -0.001 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32

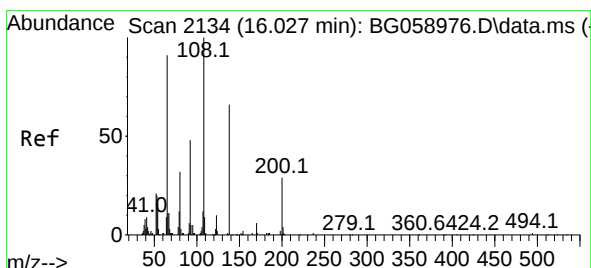
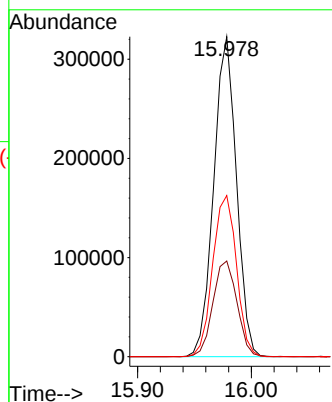
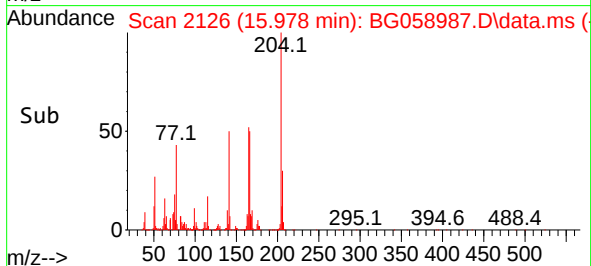
Instrument :  
BNA\_G  
ClientSampleId :  
YBY14MS



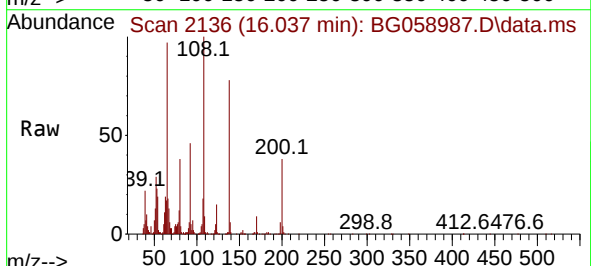
Tgt Ion:204 Resp: 44809  
Ion Ratio Lower Upper  
204 100  
206 29.9 27.7 41.5  
141 50.3 43.2 64.8

Manual Integrations  
APPROVED

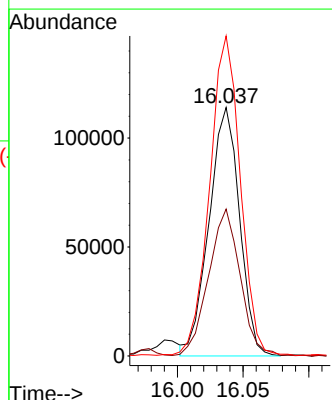
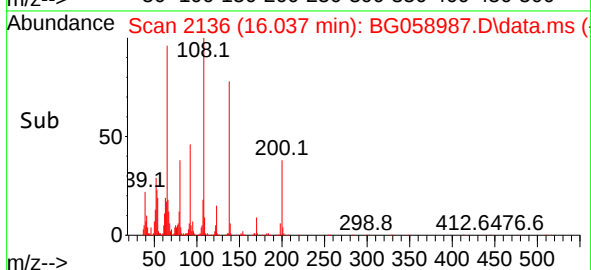
Reviewed By :Yogesh Patel 09/12/2023  
Supervised By :mohammad ahmed 09/13/2023

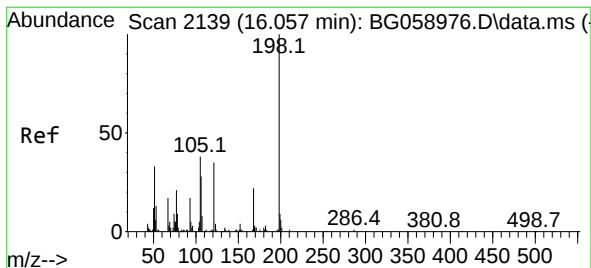


#63  
4-Nitroaniline  
Concen: 48.448 ng/ul  
RT: 16.037 min Scan# 2136  
Delta R.T. 0.004 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32



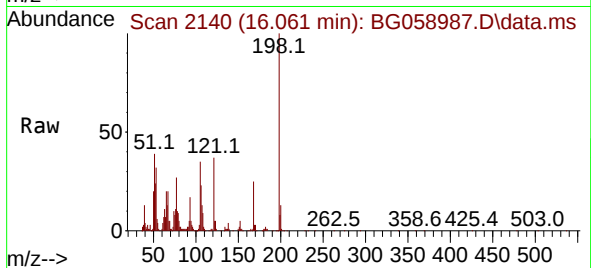
Tgt Ion:138 Resp: 184459  
Ion Ratio Lower Upper  
138 100  
92 59.2 49.9 74.9  
108 128.8 121.4 182.2





#66  
4,6-Dinitro-2-methylphenol  
Concen: 39.323 ng/ul  
RT: 16.061 min Scan# 2139  
Delta R.T. 0.004 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32

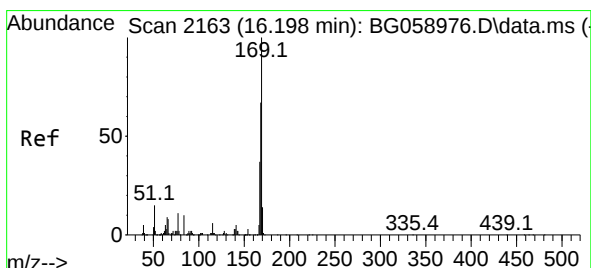
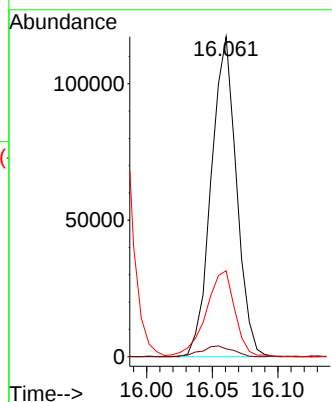
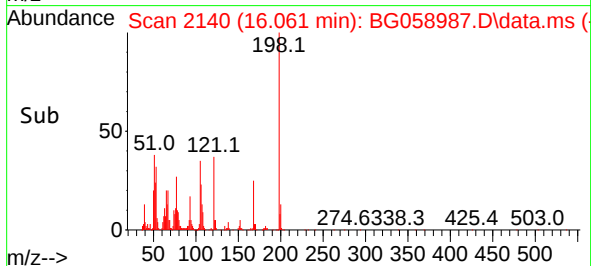
Instrument :  
BNA\_G  
ClientSampleId :  
YBY14MS



Tgt Ion:198 Resp: 156788  
Ion Ratio Lower Upper  
198 100  
182 2.4 3.0 4.6  
77 26.8 20.0 30.0

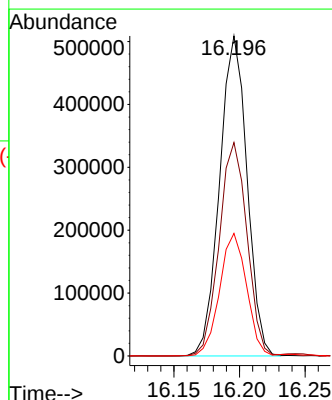
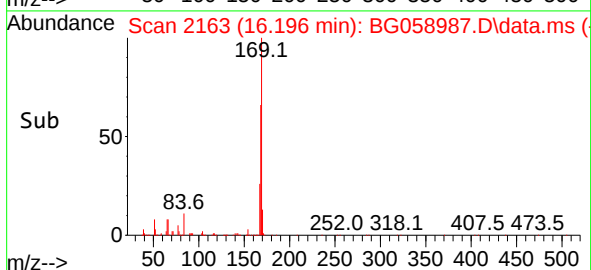
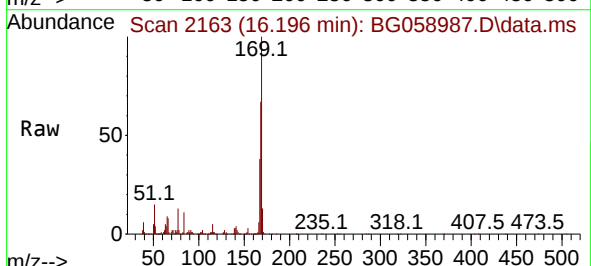
Manual Integrations  
APPROVED

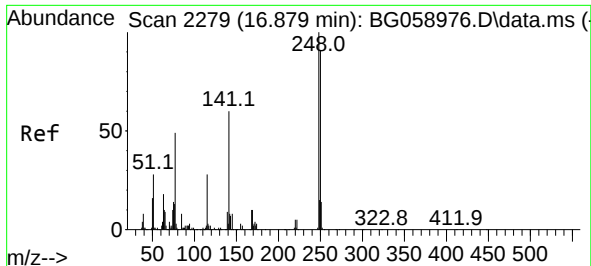
Reviewed By :Yogesh Patel 09/12/2023  
Supervised By :mohammad ahmed 09/13/2023



#67  
N-Nitrosodiphenylamine  
Concen: 37.681 ng/ul  
RT: 16.196 min Scan# 2163  
Delta R.T. 0.004 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32

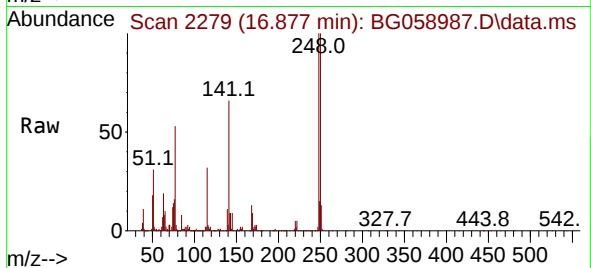
Tgt Ion:169 Resp: 739213  
Ion Ratio Lower Upper  
169 100  
168 66.7 53.0 79.6  
167 38.3 29.8 44.6





#68  
4-Bromophenyl-phenylether  
Concen: 36.118 ng/ul  
RT: 16.877 min Scan# 2279  
Delta R.T. 0.004 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32

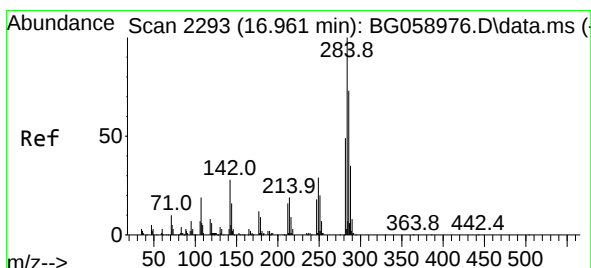
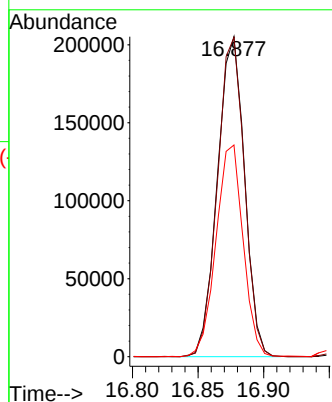
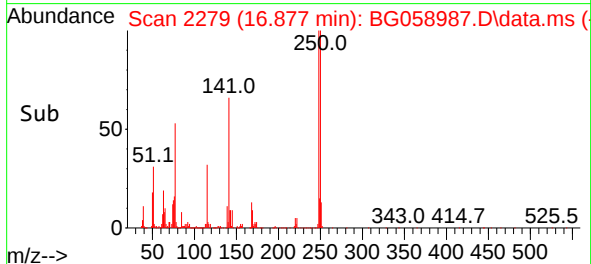
Instrument :  
BNA\_G  
ClientSampleId :  
YBY14MS



Tgt Ion:248 Resp: 294880  
Ion Ratio Lower Upper  
248 100  
250 99.8 73.9 110.9  
141 66.2 45.4 68.0

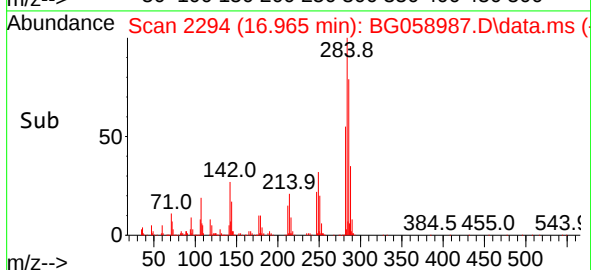
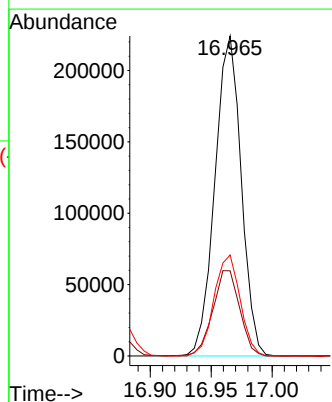
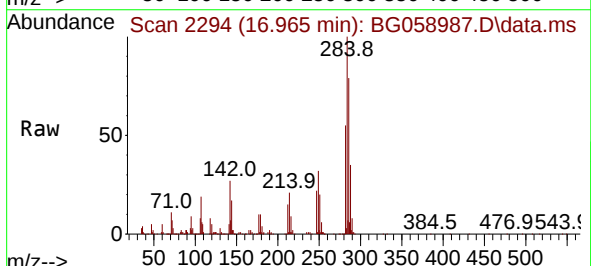
Manual Integrations  
APPROVED

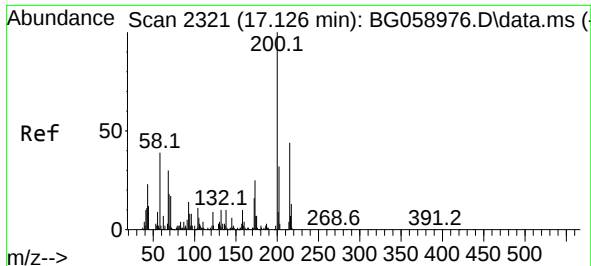
Reviewed By :Yogesh Patel 09/12/2023  
Supervised By :mohammad ahmed 09/13/2023



#69  
Hexachlorobenzene  
Concen: 35.914 ng/ul  
RT: 16.965 min Scan# 2294  
Delta R.T. 0.004 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32

Tgt Ion:284 Resp: 336617  
Ion Ratio Lower Upper  
284 100  
142 26.6 24.6 37.0  
249 31.6 24.3 36.5





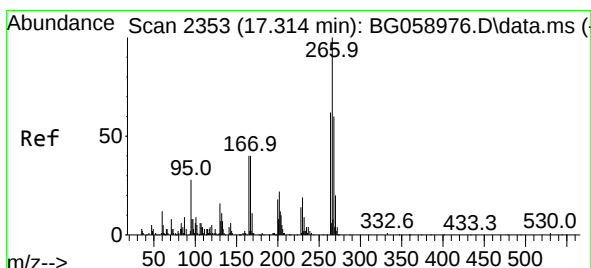
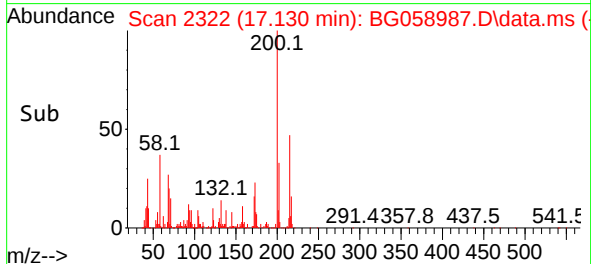
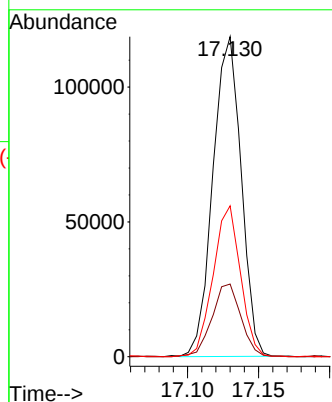
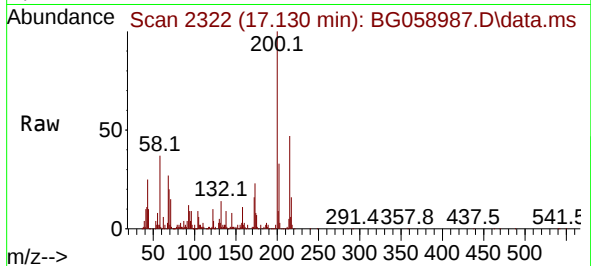
#70  
Atrazine  
Concen: 21.321 ng/ul  
RT: 17.130 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32

Instrument :  
BNA\_G  
ClientSampleId :  
YBY14MS

Tgt Ion:200 Resp: 16368  
Ion Ratio Lower Upper  
200 100  
173 22.7 17.4 26.2  
215 47.1 35.4 53.0

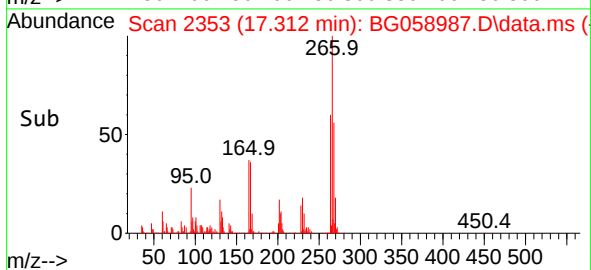
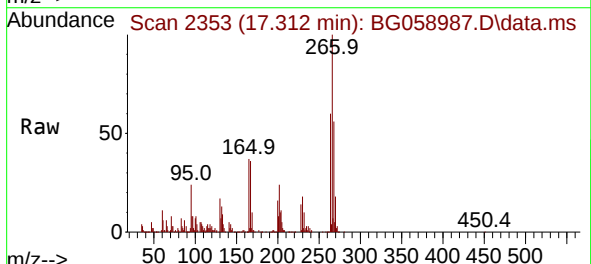
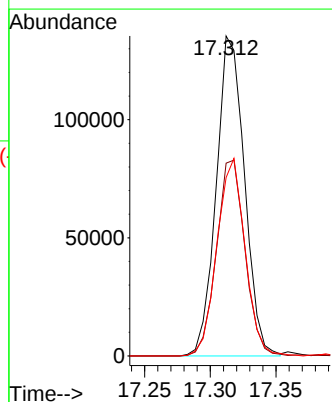
Manual Integrations  
APPROVED

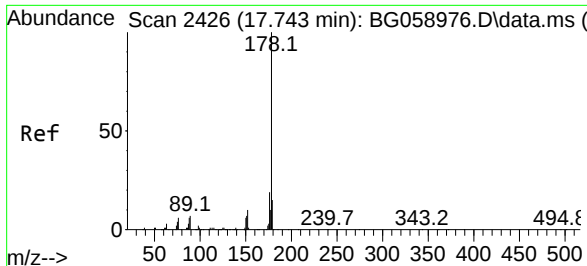
Reviewed By :Yogesh Patel 09/12/2023  
Supervised By :mohammad ahmed 09/13/2023



#71  
Pentachlorophenol  
Concen: 35.038 ng/ul  
RT: 17.312 min Scan# 2353  
Delta R.T. -0.001 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32

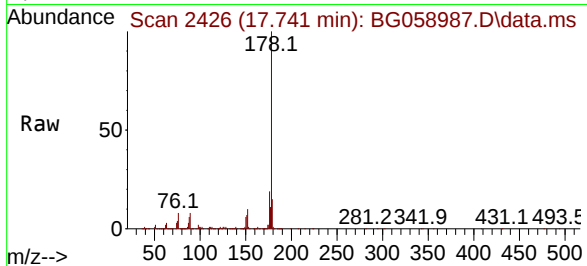
Tgt Ion:266 Resp: 202434  
Ion Ratio Lower Upper  
266 100  
264 60.2 53.1 79.7  
268 55.8 51.6 77.4





#72  
Phenanthrene  
Concen: 37.511 ng/u1  
RT: 17.741 min Scan# 2426  
Delta R.T. -0.001 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32

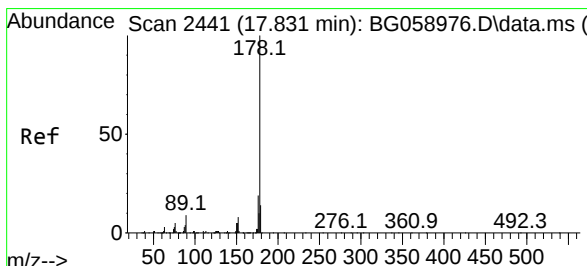
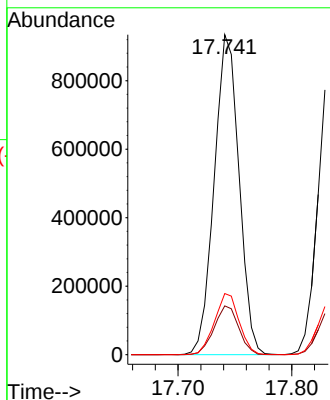
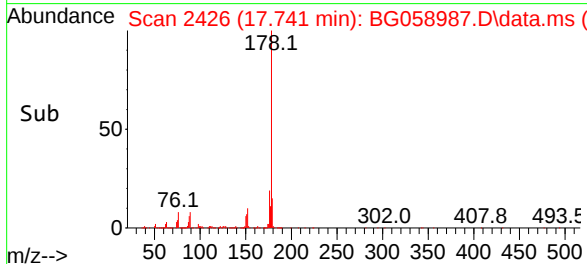
Instrument :  
BNA\_G  
ClientSampleId :  
YBY14MS



Tgt Ion:178 Resp: 141689  
Ion Ratio Lower Upper  
178 100  
179 15.3 11.8 17.8  
176 19.1 15.1 22.7

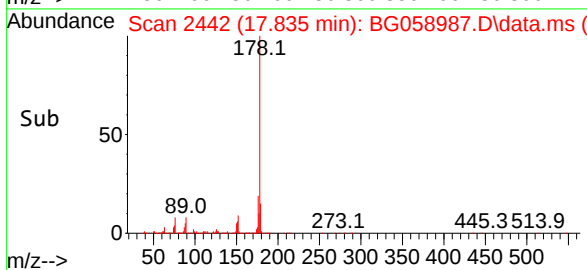
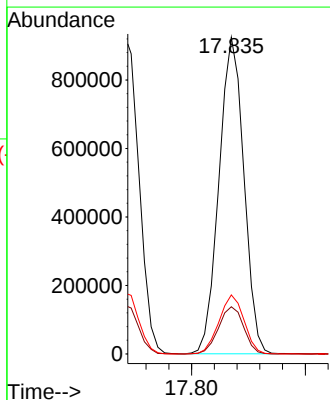
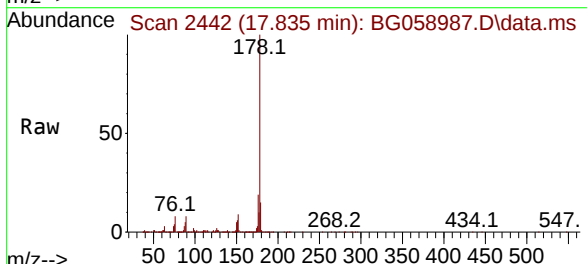
Manual Integrations  
APPROVED

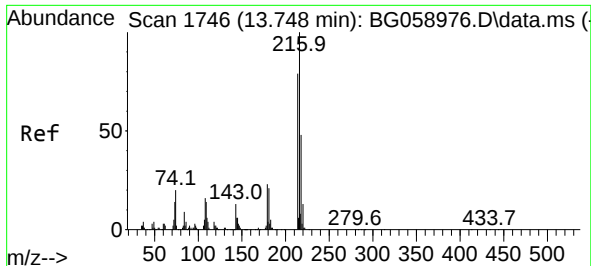
Reviewed By :Yogesh Patel 09/12/2023  
Supervised By :mohammad ahmed 09/13/2023



#74  
Anthracene  
Concen: 36.595 ng/u1  
RT: 17.835 min Scan# 2442  
Delta R.T. -0.001 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32

Tgt Ion:178 Resp: 1404932  
Ion Ratio Lower Upper  
178 100  
179 14.9 12.2 18.4  
176 18.7 14.4 21.6





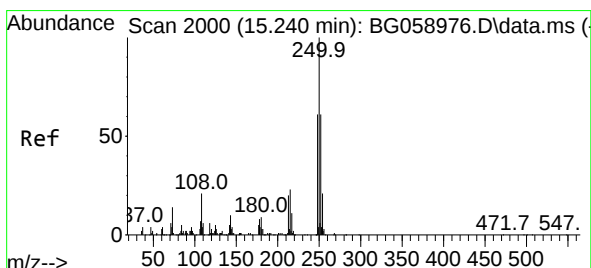
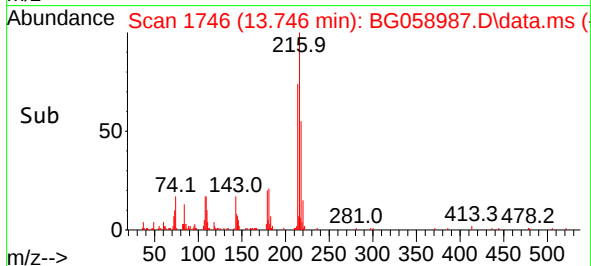
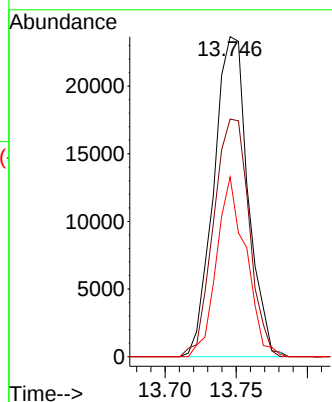
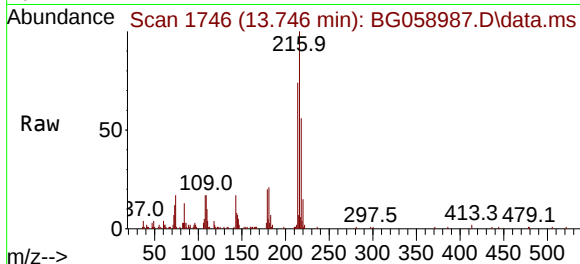
#75  
1,2,3,4-Tetrachlorobenzene  
Concen: 3.688 ng/uL  
RT: 13.746 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32

Instrument :  
BNA\_G  
ClientSampleId :  
YBY14MS

Tgt Ion:216 Resp: 3960  
Ion Ratio Lower Upper  
216 100  
214 74.2 60.6 91.0  
218 56.1 33.6 50.4

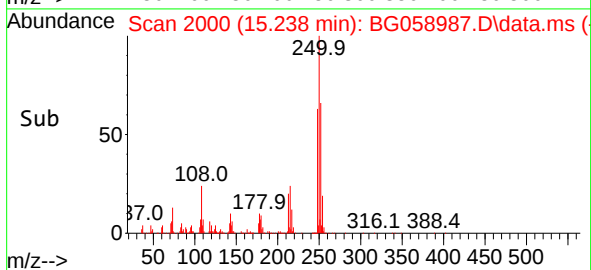
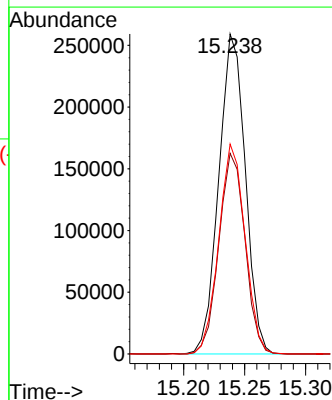
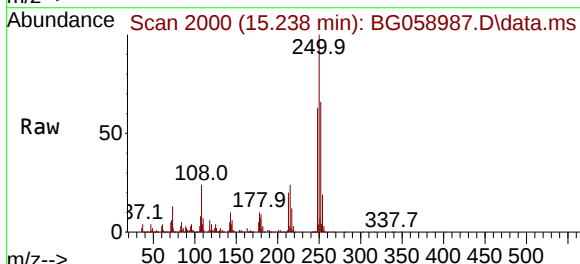
Manual Integrations  
APPROVED

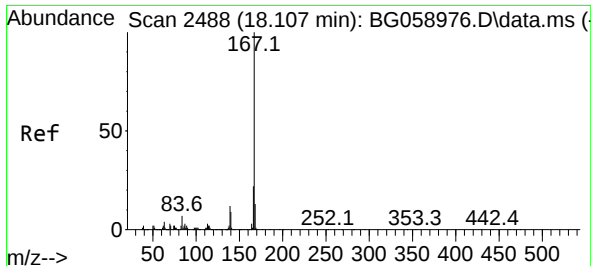
Reviewed By :Yogesh Patel 09/12/2023  
Supervised By :mohammad ahmed 09/13/2023



#76  
Pentachlorobenzene  
Concen: 37.861 ng/uL  
RT: 15.238 min Scan# 2000  
Delta R.T. -0.001 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32

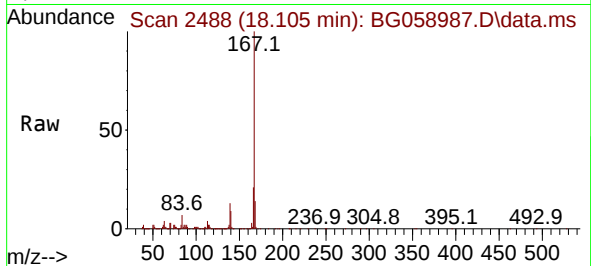
Tgt Ion:250 Resp: 392944  
Ion Ratio Lower Upper  
250 100  
248 62.7 50.3 75.5  
252 65.6 47.6 71.4





#77  
 Carbazole  
 Concen: 39.638 ng/ul  
 RT: 18.105 min Scan# 2488  
 Delta R.T. -0.001 min  
 Lab File: BG058987.D  
 Acq: 11 Sep 2023 17:32

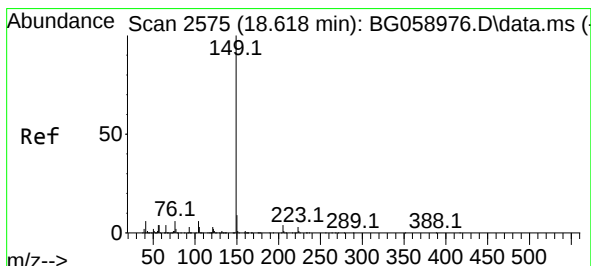
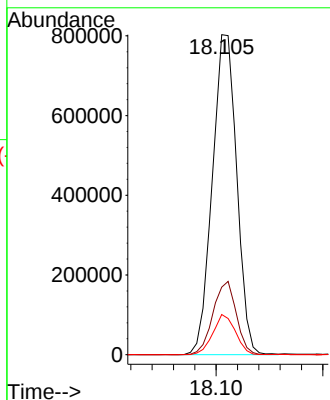
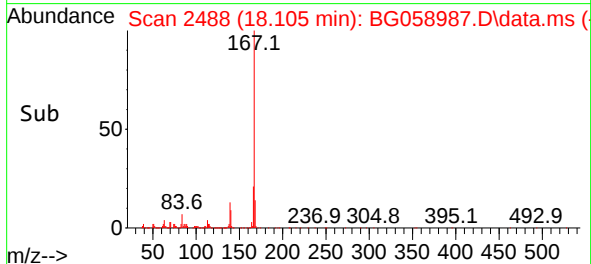
Instrument :  
 BNA\_G  
 ClientSampleId :  
 YBY14MS



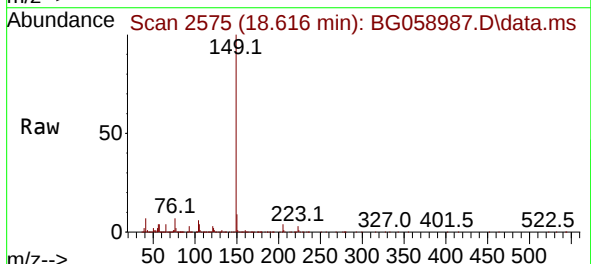
Tgt Ion:167 Resp: 1274302  
 Ion Ratio Lower Upper  
 167 100  
 166 21.1 16.8 25.2  
 139 12.6 9.4 14.2

Manual Integrations  
 APPROVED

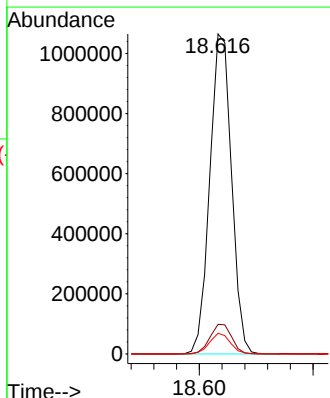
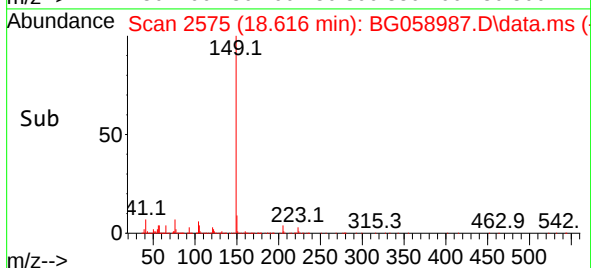
Reviewed By :Yogesh Patel 09/12/2023  
 Supervised By :mohammad ahmed 09/13/2023

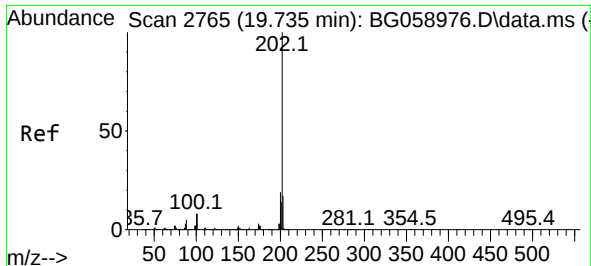


#78  
 Di-n-butylphthalate  
 Concen: 39.663 ng/ul  
 RT: 18.616 min Scan# 2575  
 Delta R.T. -0.007 min  
 Lab File: BG058987.D  
 Acq: 11 Sep 2023 17:32



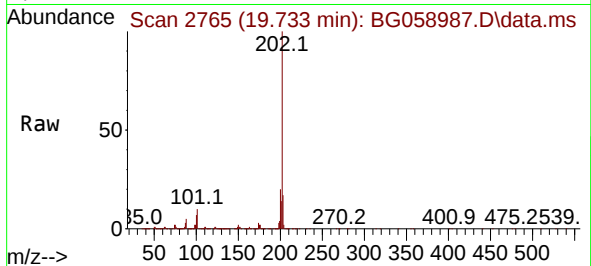
Tgt Ion:149 Resp: 1413533  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.7 11.5  
 104 6.5 4.6 6.8





#80  
Fluoranthene  
Concen: 38.960 ng/u1  
RT: 19.733 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32

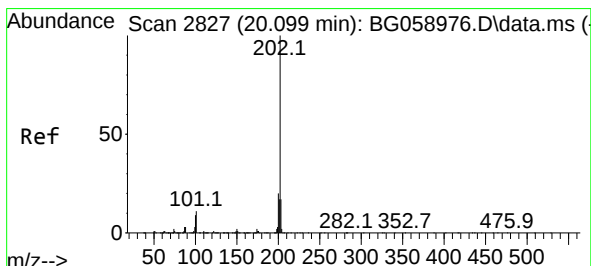
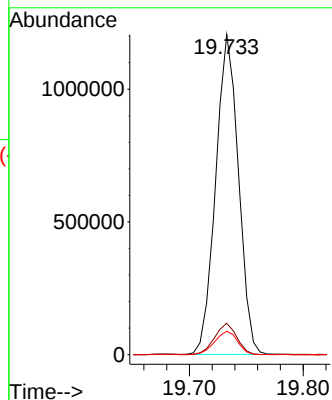
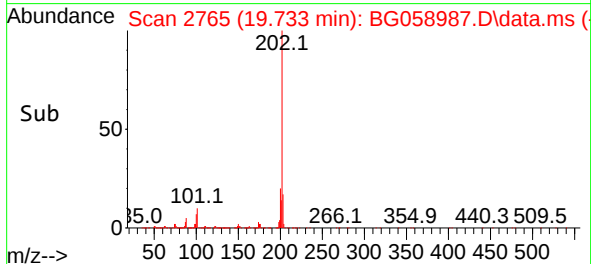
Instrument :  
BNA\_G  
ClientSampleId :  
YBY14MS



Tgt Ion:202 Resp: 1680639  
Ion Ratio Lower Upper  
202 100  
101 9.8 6.1 9.1  
100 7.4 5.9 8.9

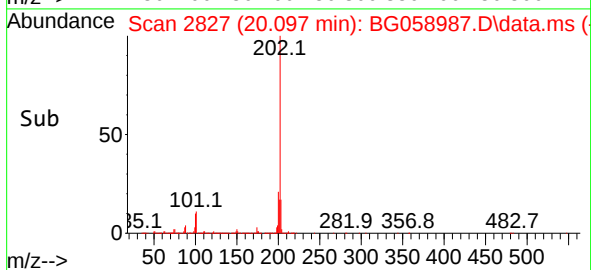
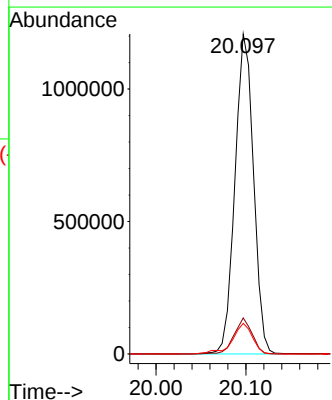
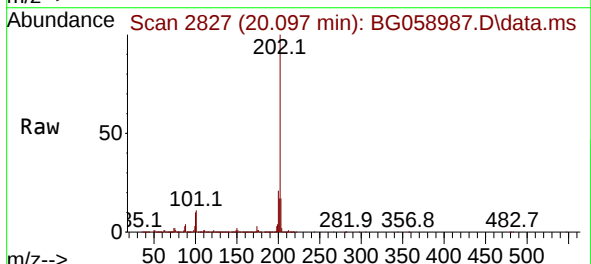
Manual Integrations  
APPROVED

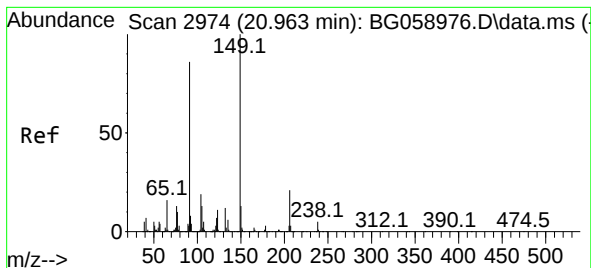
Reviewed By :Yogesh Patel 09/12/2023  
Supervised By :mohammad ahmed 09/13/2023



#82  
Pyrene  
Concen: 38.635 ng/u1  
RT: 20.097 min Scan# 2827  
Delta R.T. -0.001 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32

Tgt Ion:202 Resp: 1732609  
Ion Ratio Lower Upper  
202 100  
101 11.2 7.5 11.3  
100 9.6 6.3 9.5#





#83

Butylbenzylphthalate

Concen: 43.302 ng/ul

RT: 20.961 min Scan# 2974

Delta R.T. -0.001 min

Lab File: BG058987.D

Acq: 11 Sep 2023 17:32

Instrument :

BNA\_G

ClientSampleId :

YBY14MS

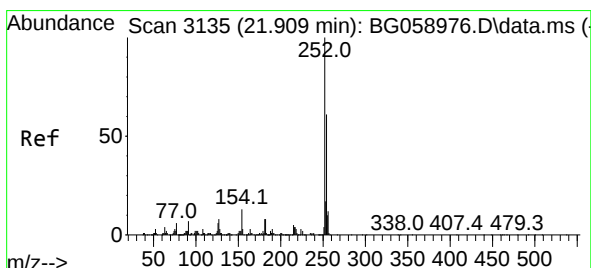
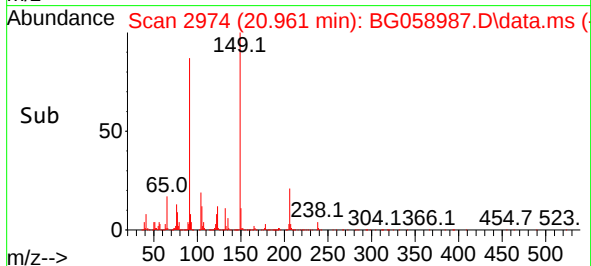
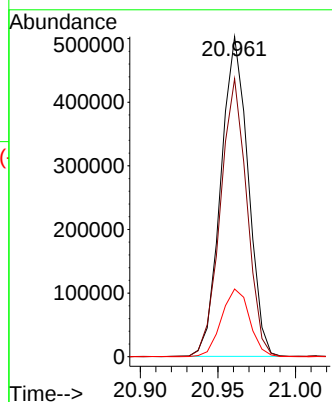
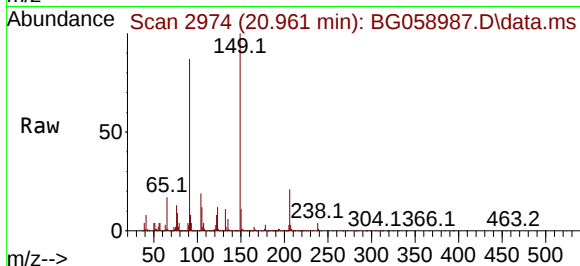
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 61365 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 91        | 86.8  | 68.7  | 103.1 |
| 206       | 21.1  | 17.3  | 25.9  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/13/2023



#84

3,3'-Dichlorobenzidine

Concen: 34.658 ng/ul

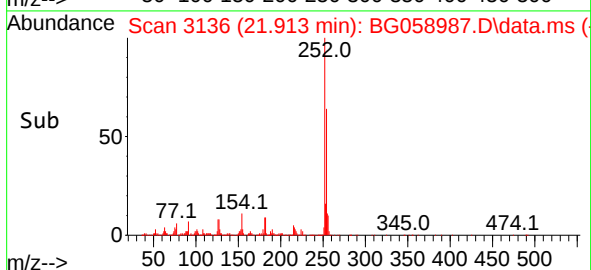
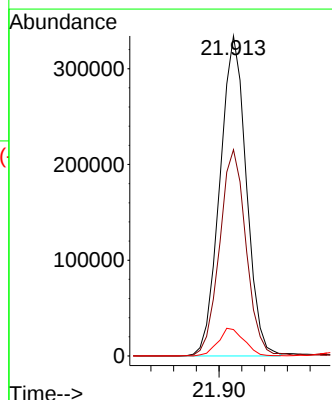
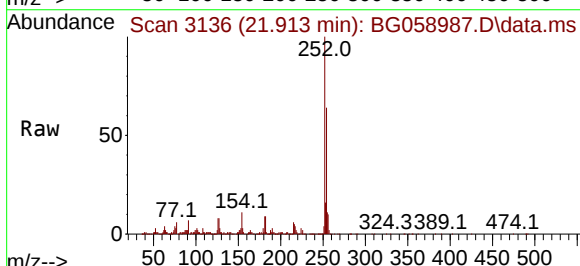
RT: 21.913 min Scan# 3136

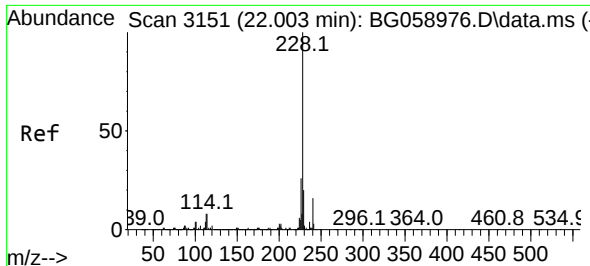
Delta R.T. -0.001 min

Lab File: BG058987.D

Acq: 11 Sep 2023 17:32

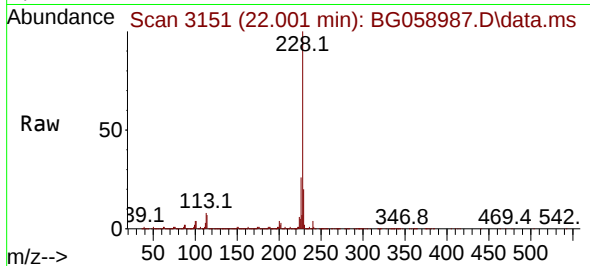
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 539215 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 254       | 64.5  | 57.6  | 86.4   |
| 126       | 8.2   | 7.8   | 11.8   |





#85  
Benzo(a)anthracene  
Concen: 36.360 ng/ul  
RT: 22.001 min Scan# 3151  
Delta R.T. -0.001 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32

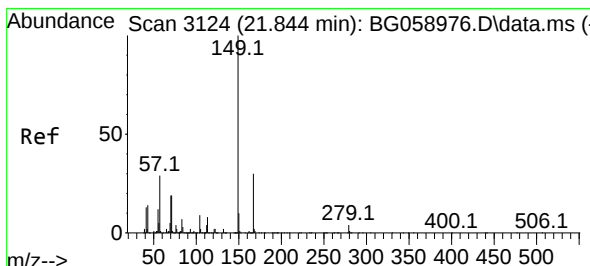
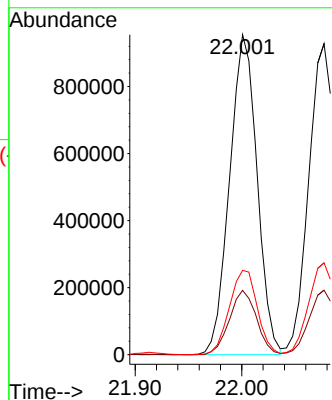
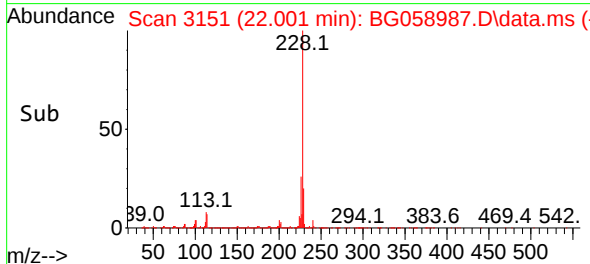
Instrument :  
BNA\_G  
ClientSampleId :  
YBY14MS



Tgt Ion:228 Resp: 1709938  
Ion Ratio Lower Upper  
228 100  
229 20.1 16.0 24.0  
226 26.4 20.8 31.2

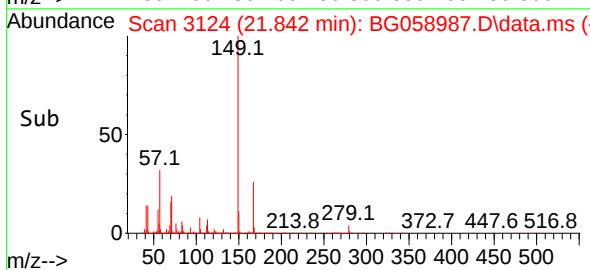
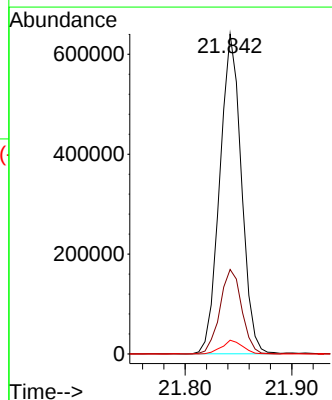
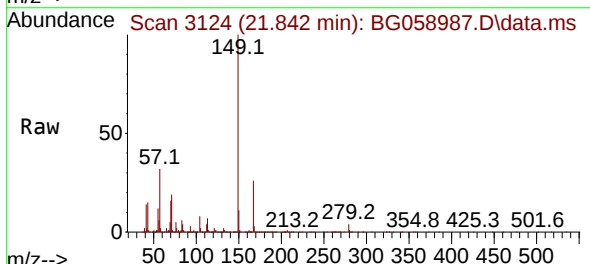
Manual Integrations  
APPROVED

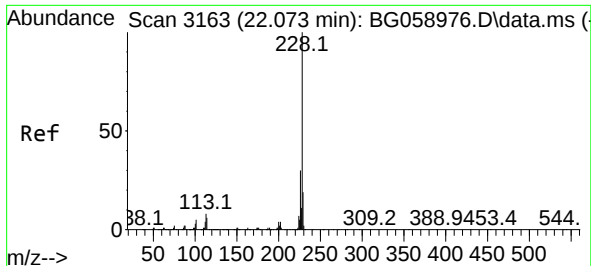
Reviewed By :Yogesh Patel 09/12/2023  
Supervised By :mohammad ahmed 09/13/2023



#86  
Bis(2-ethylhexyl)phthalate  
Concen: 42.468 ng/ul  
RT: 21.842 min Scan# 3124  
Delta R.T. -0.007 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32

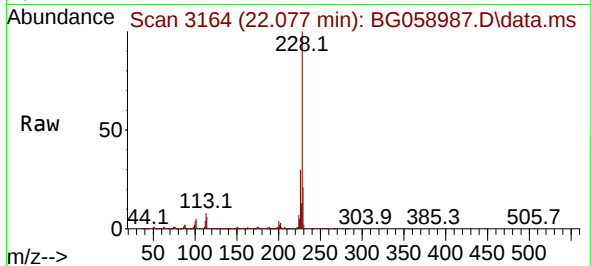
Tgt Ion:149 Resp: 901345  
Ion Ratio Lower Upper  
149 100  
167 26.4 21.0 31.6  
279 4.3 3.8 5.8





#87  
Chrysene  
Concen: 37.268 ng/ul  
RT: 22.077 min Scan# 3163  
Delta R.T. 0.004 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32

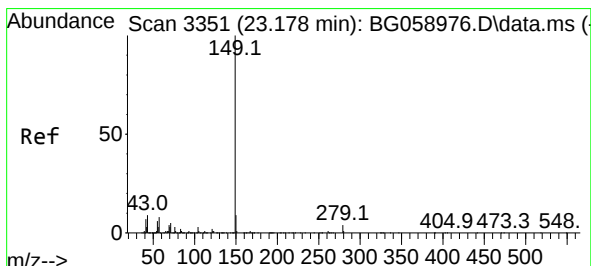
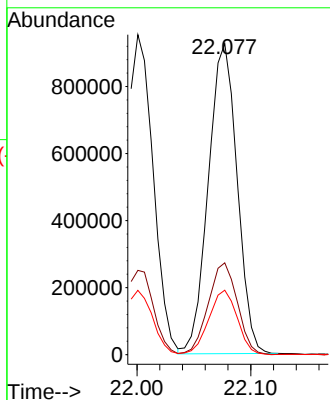
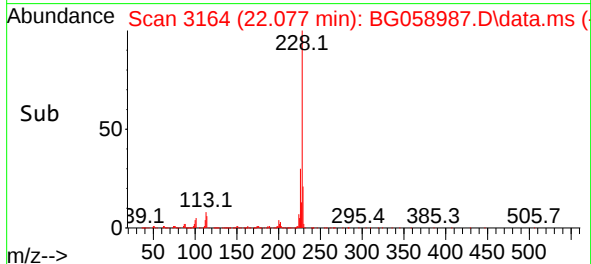
Instrument :  
BNA\_G  
ClientSampleId :  
YBY14MS



Tgt Ion:228 Resp: 162930  
Ion Ratio Lower Upper  
228 100  
226 29.5 23.2 34.8  
229 20.7 15.3 22.9

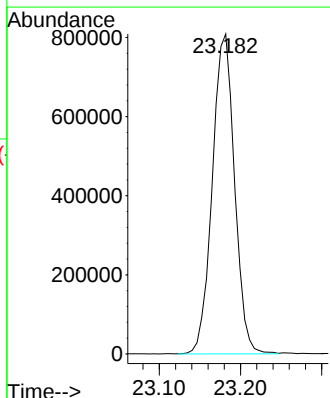
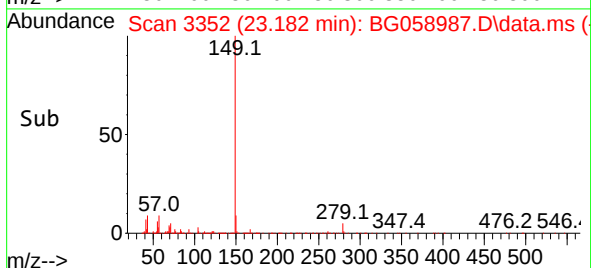
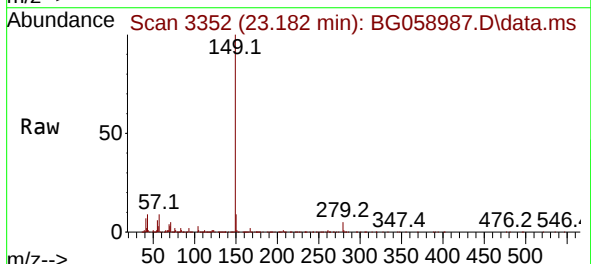
Manual Integrations  
APPROVED

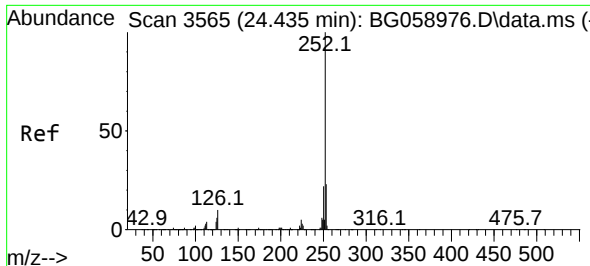
Reviewed By :Yogesh Patel 09/12/2023  
Supervised By :mohammad ahmed 09/13/2023



#89  
Di-n-octyl phthalate  
Concen: 43.262 ng/ul  
RT: 23.182 min Scan# 3352  
Delta R.T. -0.007 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32

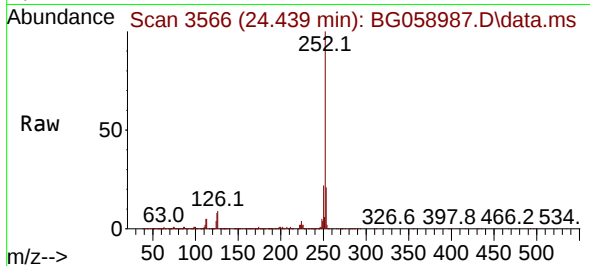
Tgt Ion:149 Resp: 1538340





#90  
Benzo(b)fluoranthene  
Concen: 39.417 ng/ul  
RT: 24.439 min Scan# 3565  
Delta R.T. 0.004 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32

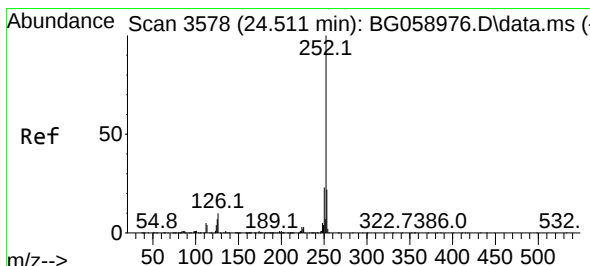
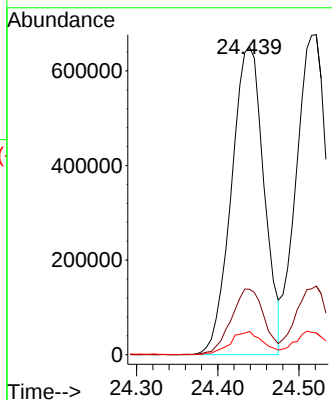
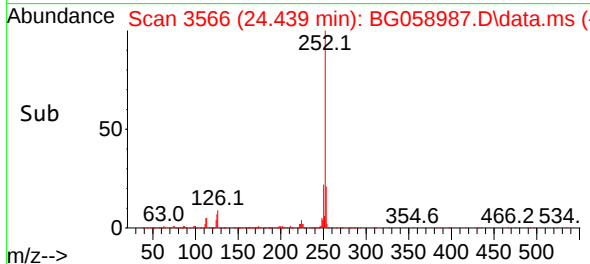
Instrument :  
BNA\_G  
ClientSampleId :  
YBY14MS



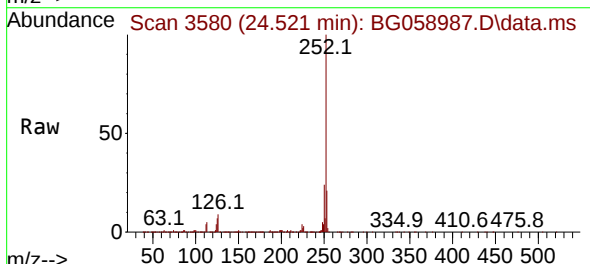
Tgt Ion:252 Resp: 181502  
Ion Ratio Lower Upper  
252 100  
253 21.3 17.8 26.8  
125 7.5 6.2 9.2

Manual Integrations  
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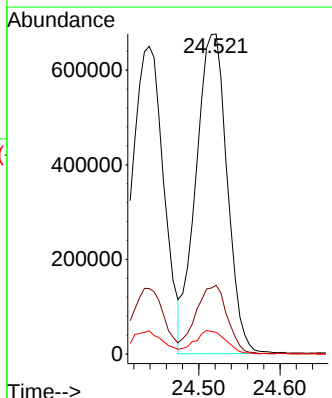
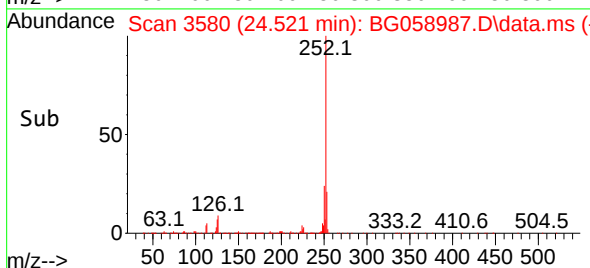
Reviewed By :Yogesh Patel 09/12/2023  
Supervised By :mohammad ahmed 09/13/2023

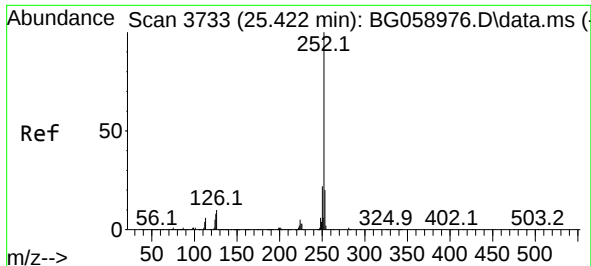


#91  
Benzo(k)fluoranthene  
Concen: 38.405 ng/ul  
RT: 24.521 min Scan# 3580  
Delta R.T. 0.010 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32



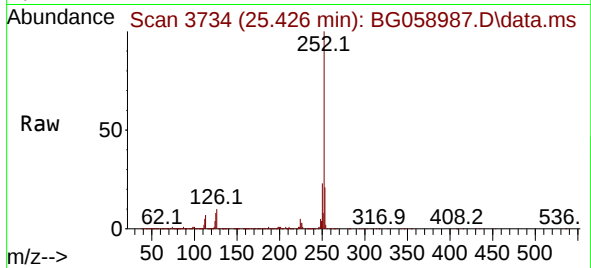
Tgt Ion:252 Resp: 1807202  
Ion Ratio Lower Upper  
252 100  
253 21.4 19.1 28.7  
125 6.8 5.0 7.4





#93  
Benzo(a)pyrene  
Concen: 37.346 ng/ul  
RT: 25.426 min Scan# 3734  
Delta R.T. -0.001 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32

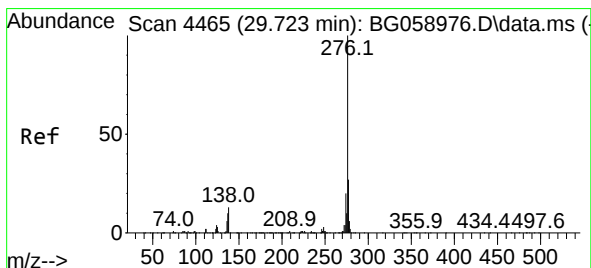
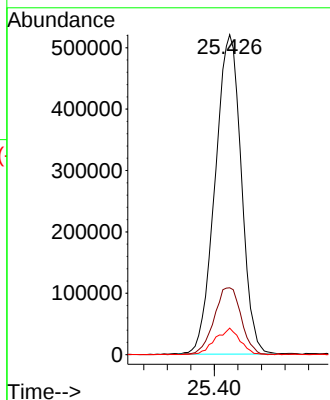
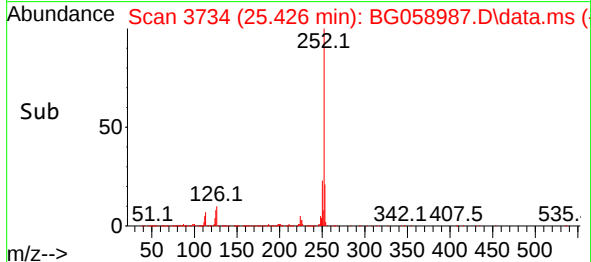
Instrument :  
BNA\_G  
ClientSampleId :  
YBY14MS



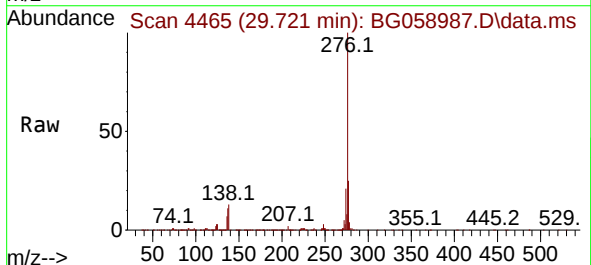
Tgt Ion:252 Resp: 160447  
Ion Ratio Lower Upper  
252 100  
253 20.9 17.1 25.7  
125 8.3 5.3 7.9

Manual Integrations  
APPROVED

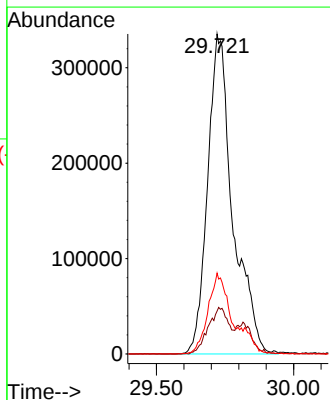
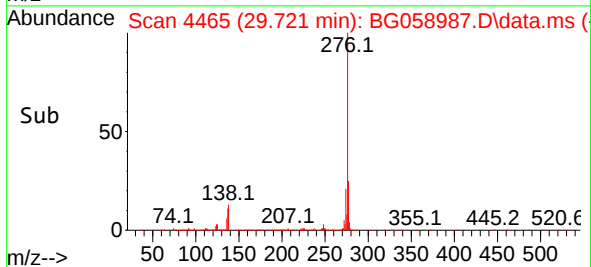
Reviewed By :Yogesh Patel 09/12/2023  
Supervised By :mohammad ahmed 09/13/2023

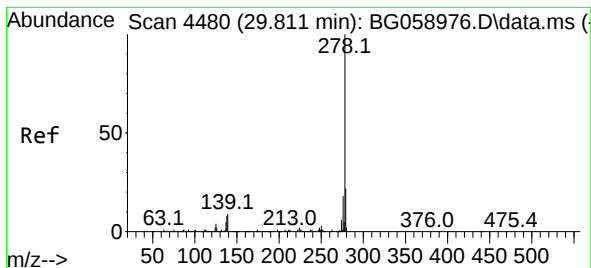


#94  
Indeno(1,2,3-cd)pyrene  
Concen: 39.378 ng/ul m  
RT: 29.721 min Scan# 4465  
Delta R.T. 0.004 min  
Lab File: BG058987.D  
Acq: 11 Sep 2023 17:32



Tgt Ion:276 Resp: 2137643  
Ion Ratio Lower Upper  
276 100  
138 13.4 11.8 17.8  
277 25.3 20.7 31.1





#95

Dibenzo(a,h)anthracene

Concen: 38.514 ng/ul

RT: 29.821 min Scan# 4480

Delta R.T. 0.010 min

Lab File: BG058987.D

Acq: 11 Sep 2023 17:32

Instrument :

BNA\_G

ClientSampleId :

YBY14MS

Tgt Ion:278 Resp: 173239

Ion Ratio Lower Upper

278 100

139 10.6 9.8 14.8

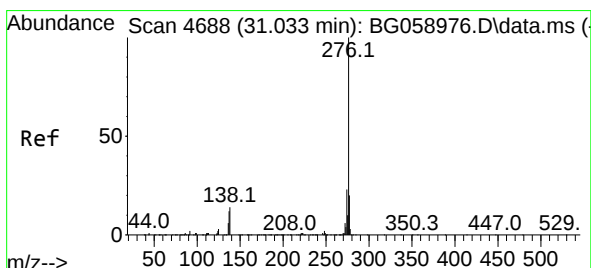
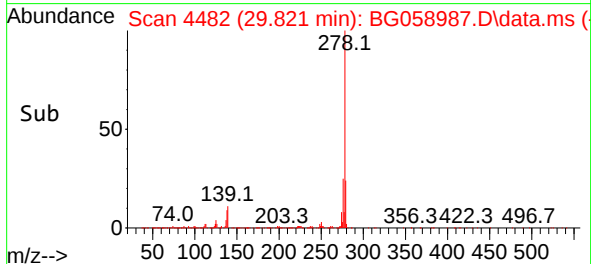
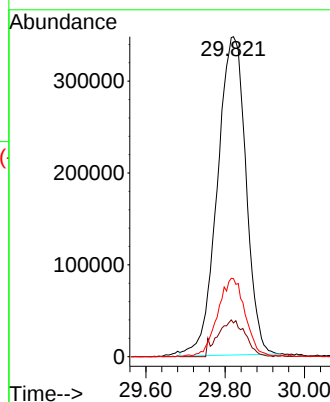
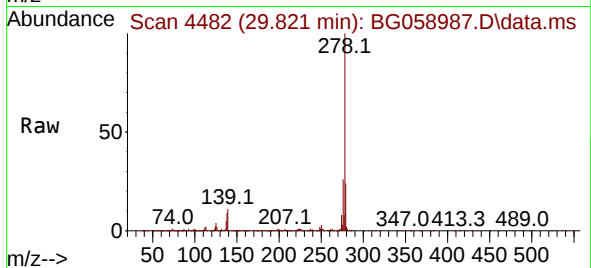
279 24.4 18.5 27.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :mohammad ahmed 09/13/2023



#96

Benzo(g,h,i)perylene

Concen: 40.655 ng/ul

RT: 31.043 min Scan# 4690

Delta R.T. 0.004 min

Lab File: BG058987.D

Acq: 11 Sep 2023 17:32

Tgt Ion:276 Resp: 1746843

Ion Ratio Lower Upper

276 100

138 16.0 11.4 17.2

277 23.8 17.4 26.2

