

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG072523\  
 Data File : BG058448.D  
 Acq On : 25 Jul 2023 16:10  
 Operator : CG/JU  
 Sample : 03534-23MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 A4737MS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/26/2023  
 Supervised By :mohammad ahmed 07/26/2023

Quant Time: Jul 26 00:17:31 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG071723.MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Jul 24 22:10:54 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.815  | 152  | 40623    | 20.000 | ng/u1  | 0.00     |
| 20) Naphthalene-d8            | 10.617 | 136  | 200964   | 20.000 | ng/u1  | 0.00     |
| 38) Acenaphthene-d10          | 14.460 | 164  | 149021   | 20.000 | ng/u1  | 0.00     |
| 64) Phenanthrene-d10          | 17.209 | 188  | 341719   | 20.000 | ng/u1  | 0.00     |
| 79) Chrysene-d12              | 21.452 | 240  | 281607   | 20.000 | ng/u1  | 0.00     |
| 88) Perylene-d12              | 24.513 | 264  | 356722   | 20.000 | ng/u1  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 3) 1,4-Dioxane-d8             | 3.238  | 96   | 5954     | 5.395  | ng/uL  | 0.00     |
| 4) Pyridine-d5                | 3.649  | 84   | 77068    | 23.525 | ng/u1  | 0.00     |
| 7) Phenol-d5                  | 6.986  | 99   | 120091   | 31.163 | ng/u1  | 0.00     |
| 9) Bis-(2-Chloroethyl)eth...  | 7.145  | 67   | 74049    | 30.743 | ng/u1  | 0.00     |
| 11) 2-Chlorophenol-d4         | 7.350  | 132  | 88228    | 32.707 | ng/u1  | 0.00     |
| 15) 4-Methylphenol-d8         | 8.531  | 113  | 84540    | 28.761 | ng/u1  | 0.00     |
| 21) Nitrobenzene-d5           | 8.978  | 128  | 46741    | 31.030 | ng/u1  | 0.00     |
| 24) 2-Nitrophenol-d4          | 9.701  | 143  | 55046    | 33.473 | ng/u1  | 0.00     |
| 28) 2,4-Dichlorophenol-d3     | 10.241 | 165  | 111721   | 35.439 | ng/u1  | 0.00     |
| 31) 4-Chloroaniline-d4        | 10.758 | 131  | 79937    | 17.491 | ng/u1  | 0.00     |
| 46) Dimethylphthalate-d6      | 13.866 | 166  | 384460   | 33.456 | ng/u1  | 0.00     |
| 49) Acenaphthylene-d8         | 14.154 | 160  | 430680   | 35.763 | ng/u1  | 0.00     |
| 54) 4-Nitrophenol-d4          | 14.677 | 143  | 56063    | 32.304 | ng/u1  | 0.00     |
| 60) Fluorene-d10              | 15.453 | 176  | 339433   | 35.678 | ng/u1  | 0.00     |
| 65) 4,6-Dinitro-2-methylph... | 15.582 | 200  | 62402    | 35.843 | ng/u1  | 0.00     |
| 73) Anthracene-d10            | 17.309 | 188  | 510083   | 34.546 | ng/u1  | 0.00     |
| 81) Pyrene-d10                | 19.601 | 212  | 631152   | 37.947 | ng/u1  | 0.00     |
| 92) Benzo(a)pyrene-d12        | 24.307 | 264  | 628340   | 36.444 | ng/u1  | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) 1,4-Dioxane                | 3.273  | 88   | 17158    | 13.705 | ng/uL  | 88       |
| 5) Pyridine                   | 3.672  | 79   | 81834    | 23.654 | ng/u1  | 93       |
| 6) Benzaldehyde               | 6.951  | 77   | 92756m   | 59.601 | ng/u1  |          |
| 8) Phenol                     | 7.016  | 94   | 144587   | 36.129 | ng/u1  | 95       |
| 10) Bis(2-Chloroethyl)ether   | 7.239  | 93   | 104978   | 34.241 | ng/u1  | 98       |
| 12) 2-Chlorophenol            | 7.380  | 128  | 101004   | 35.771 | ng/u1  | 98       |
| 13) 2-Methylphenol            | 8.267  | 108  | 94042    | 30.151 | ng/u1  | 97       |
| 14) 2,2'-oxybis(1-Chloropr... | 8.343  | 45   | 176897m  | 35.209 | ng/u1  |          |
| 16) Acetophenone              | 8.637  | 105  | 195365   | 39.027 | ng/u1  | 97       |
| 17) N-Nitroso-di-n-propyla... | 8.620  | 70   | 99393    | 36.279 | ng/u1  | 98       |
| 18) 4-Methylphenol            | 8.596  | 108  | 111948   | 33.026 | ng/u1  | 99       |
| 19) Hexachloroethane          | 8.896  | 117  | 40621    | 36.497 | ng/u1  | 95       |
| 22) Nitrobenzene              | 9.019  | 77   | 135860   | 33.821 | ng/u1  | 97       |
| 23) Isophorone                | 9.536  | 82   | 308266   | 34.228 | ng/u1  | 100      |
| 25) 2-Nitrophenol             | 9.730  | 139  | 66266    | 37.725 | ng/u1  | 93       |
| 26) 2,4-Dimethylphenol        | 9.795  | 107  | 21648m   | 5.527  | ng/u1  |          |
| 27) Bis(2-Chloroethoxy)met... | 10.024 | 93   | 166880   | 34.987 | ng/u1  | 98       |
| 29) 2,4-Dichlorophenol        | 10.271 | 162  | 113371   | 37.890 | ng/u1  | 96       |
| 30) Naphthalene               | 10.670 | 128  | 390002   | 36.307 | ng/u1  | 100      |
| 32) 4-Chloroaniline           | 10.782 | 127  | 91640    | 19.619 | ng/u1  | 100      |
| 33) Hexachlorobutadiene       | 10.946 | 225  | 77016    | 35.997 | ng/u1  | 98       |
| 34) Caprolactam               | 11.540 | 113  | 46543m   | 37.452 | ng/u1  |          |
| 35) 4-Chloro-3-methylphenol   | 11.910 | 107  | 143730   | 37.746 | ng/u1  | 96       |
| 36) 2-Methylnaphthalene       | 12.280 | 142  | 280104   | 38.921 | ng/u1  | 99       |

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Manual Integrations  
 APPROVED

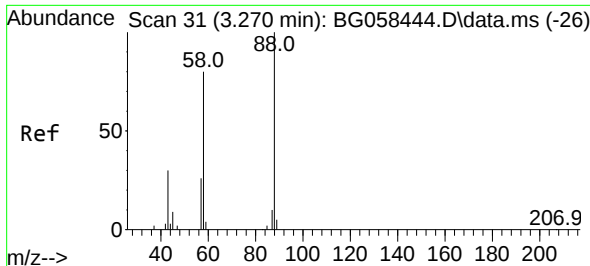
Reviewed By :Yogesh Patel 07/26/2023  
 Supervised By :mohammad ahmed 07/26/2023

Quant Time: Jul 26 00:17:31 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\SFAM-EPA-BG071723.MA.M  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 37) 1-Methylnaphthalene       | 12.503 | 142  | 281097   | 38.110 | ng/ul  | 98       |
| 39) 1,2,4,5-Tetrachloroben... | 12.650 | 216  | 168205   | 38.992 | ng/ul  | 99       |
| 40) Hexachlorocyclopentadiene | 12.627 | 237  | 52220    | 22.507 | ng/ul  | 96       |
| 41) 2,4,6-Trichlorophenol     | 12.897 | 196  | 116149   | 39.773 | ng/ul  | 99       |
| 42) 2,4,5-Trichlorophenol     | 12.973 | 196  | 126717   | 40.693 | ng/ul  | 100      |
| 43) 1,1'-Biphenyl             | 13.296 | 154  | 377922   | 37.504 | ng/ul  | 100      |
| 44) 2-Chloronaphthalene       | 13.338 | 162  | 307349   | 38.362 | ng/ul  | 97       |
| 45) 2-Nitroaniline            | 13.549 | 65   | 106728   | 38.350 | ng/ul  | 97       |
| 47) Dimethylphthalate         | 13.919 | 163  | 506803   | 43.908 | ng/ul  | 99       |
| 48) 2,6-Dinitrotoluene        | 14.043 | 165  | 92219    | 41.345 | ng/ul  | 96       |
| 50) Acenaphthylene            | 14.184 | 152  | 484868   | 37.300 | ng/ul  | 100      |
| 51) 3-Nitroaniline            | 14.372 | 138  | 67056    | 36.075 | ng/ul  | 88       |
| 52) Acenaphthene              | 14.530 | 153  | 353570   | 39.176 | ng/ul  | 98       |
| 53) 2,4-Dinitrophenol         | 14.583 | 184  | 45668    | 38.471 | ng/ul  | 95       |
| 55) 4-Nitrophenol             | 14.689 | 109  | 49466    | 37.010 | ng/ul  | 91       |
| 56) Dibenzofuran              | 14.859 | 168  | 493124   | 38.372 | ng/ul  | 100      |
| 57) 2,4-Dinitrotoluene        | 14.836 | 165  | 130537   | 40.577 | ng/ul# | 96       |
| 58) 2,3,4,6-Tetrachlorophenol | 15.088 | 232  | 114117   | 39.664 | ng/ul# | 97       |
| 59) Diethylphthalate          | 15.282 | 149  | 439261   | 36.940 | ng/ul  | 99       |
| 61) Fluorene                  | 15.511 | 166  | 407825   | 38.698 | ng/ul  | 98       |
| 62) 4-Chlorophenyl-phenyle... | 15.506 | 204  | 214392   | 38.320 | ng/ul  | 97       |
| 63) 4-Nitroaniline            | 15.541 | 138  | 65661    | 39.039 | ng/ul  | 98       |
| 66) 4,6-Dinitro-2-methylph... | 15.600 | 198  | 76057    | 42.462 | ng/ul  | 97       |
| 67) N-Nitrosodiphenylamine    | 15.717 | 169  | 321768   | 37.986 | ng/ul  | 100      |
| 68) 4-Bromophenyl-phenylether | 16.399 | 248  | 152120   | 42.028 | ng/ul  | 95       |
| 69) Hexachlorobenzene         | 16.516 | 284  | 169086   | 41.400 | ng/ul  | 99       |
| 70) Atrazine                  | 16.669 | 200  | 109886   | 33.088 | ng/ul  | 95       |
| 71) Pentachlorophenol         | 16.863 | 266  | 80375    | 35.059 | ng/ul  | 95       |
| 72) Phenanthrene              | 17.251 | 178  | 759381   | 46.762 | ng/ul  | 97       |
| 74) Anthracene                | 17.345 | 178  | 625491   | 38.367 | ng/ul  | 99       |
| 75) 1,2,3,4-Tetrachloroben... | 13.261 | 216  | 171493   | 40.010 | ng/uL  | 97       |
| 76) Pentachlorobenzene        | 14.783 | 250  | 182665   | 38.971 | ng/uL  | 96       |
| 77) Carbazole                 | 17.615 | 167  | 564944   | 39.976 | ng/ul  | 100      |
| 78) Di-n-butylphthalate       | 18.167 | 149  | 759796   | 42.311 | ng/ul  | 99       |
| 80) Fluoranthene              | 19.266 | 202  | 982658   | 51.571 | ng/ul  | 99       |
| 82) Pyrene                    | 19.630 | 202  | 972812   | 50.387 | ng/ul  | 98       |
| 83) Butylbenzylphthalate      | 20.512 | 149  | 335366   | 44.113 | ng/ul  | 100      |
| 84) 3,3'-Dichlorobenzidine    | 21.352 | 252  | 95424    | 15.180 | ng/ul  | 97       |
| 85) Benzo(a)anthracene        | 21.428 | 228  | 887466   | 46.886 | ng/ul  | 98       |
| 86) Bis(2-ethylhexyl)phtha... | 21.334 | 149  | 510887   | 47.246 | ng/ul  | 98       |
| 87) Chrysene                  | 21.493 | 228  | 856688   | 47.716 | ng/ul  | 97       |
| 89) Di-n-octyl phthalate      | 22.486 | 149  | 867206   | 45.690 | ng/ul  | 100      |
| 90) Benzo(b)fluoranthene      | 23.549 | 252  | 958027   | 46.417 | ng/ul  | 98       |
| 91) Benzo(k)fluoranthene      | 23.608 | 252  | 869150   | 42.223 | ng/ul  | 100      |
| 93) Benzo(a)pyrene            | 24.378 | 252  | 785392   | 42.783 | ng/ul  | 99       |
| 94) Indeno(1,2,3-cd)pyrene    | 28.014 | 276  | 1074791  | 44.437 | ng/ul  | 99       |
| 95) Dibenzo(a,h)anthracene    | 28.067 | 278  | 846589   | 42.685 | ng/ul  | 98       |
| 96) Benzo(g,h,i)perylene      | 29.107 | 276  | 812441   | 41.228 | ng/ul  | 98       |

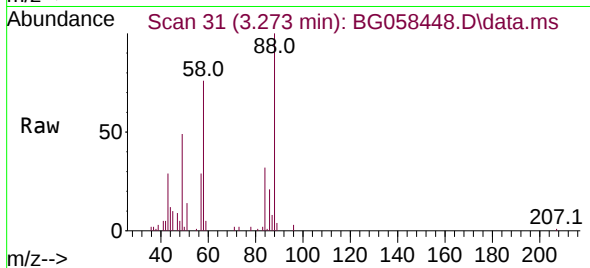
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#2  
1,4-Dioxane  
Concen: 13.705 ng/uL  
RT: 3.273 min Scan# 31  
Delta R.T. -0.003 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

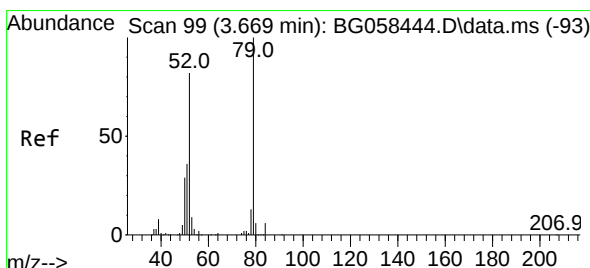
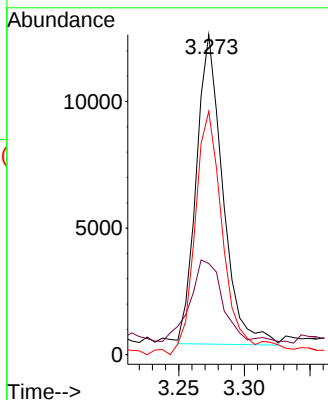
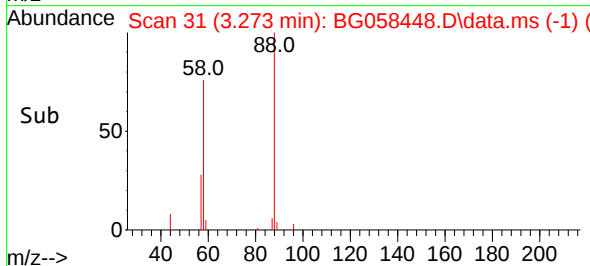
Instrument :  
BNA\_G  
ClientSampleId :  
A4737MS



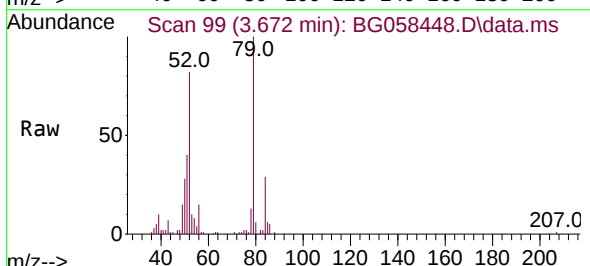
Tgt Ion: 88 Resp: 17158  
Ion Ratio Lower Upper  
88 100  
43 28.5 19.6 29.4  
58 76.0 70.2 105.4

Manual Integrations  
APPROVED

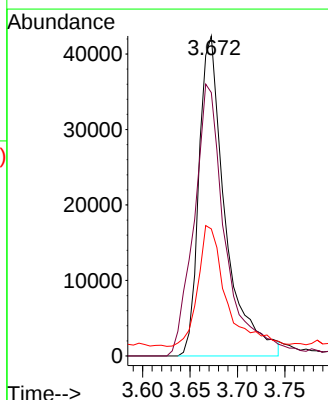
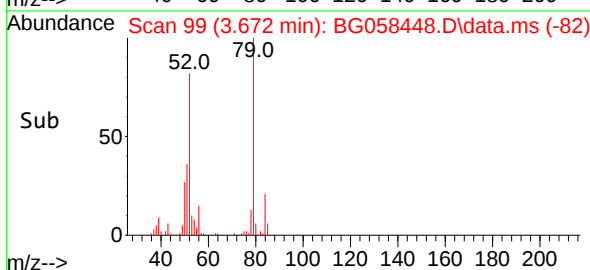
Reviewed By :Yogesh Patel 07/26/2023  
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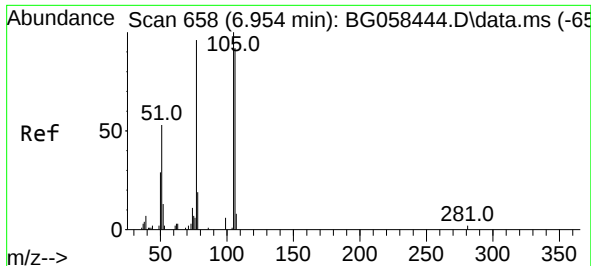


#5  
Pyridine  
Concen: 23.654 ng/uL  
RT: 3.672 min Scan# 99  
Delta R.T. 0.002 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10



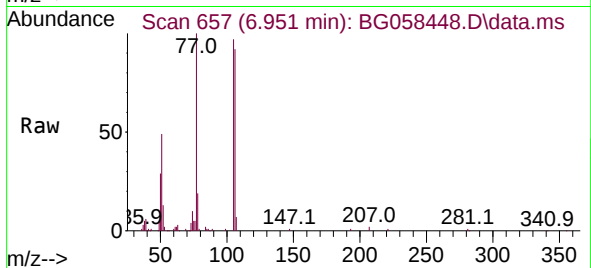
Tgt Ion: 79 Resp: 81834  
Ion Ratio Lower Upper  
79 100  
52 82.3 72.3 108.5  
51 39.7 33.4 50.0





#6  
Benzaldehyde  
Concen: 59.601 ng/ul m  
RT: 6.951 min Scan# 658  
Delta R.T. -0.003 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

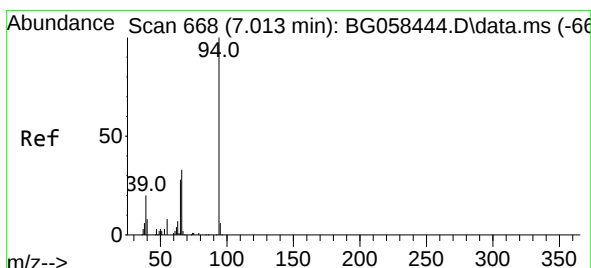
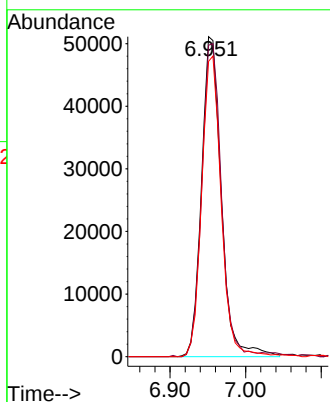
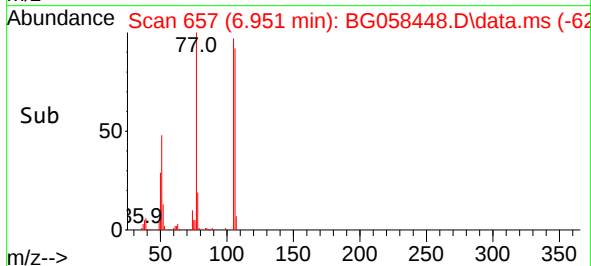
Instrument :  
BNA\_G  
ClientSampleId :  
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Tgt Ion: 77 Resp: 92750  
Ion Ratio Lower Upper  
77 100  
105 97.3 78.2 117.4  
106 92.3 71.6 107.4

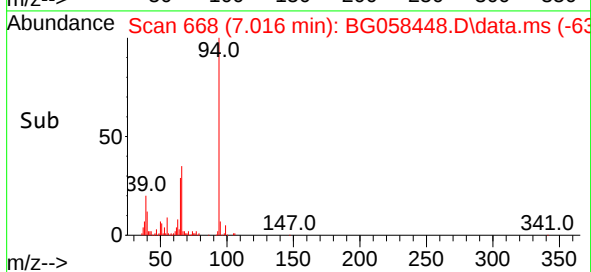
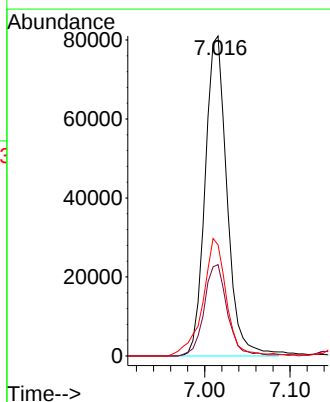
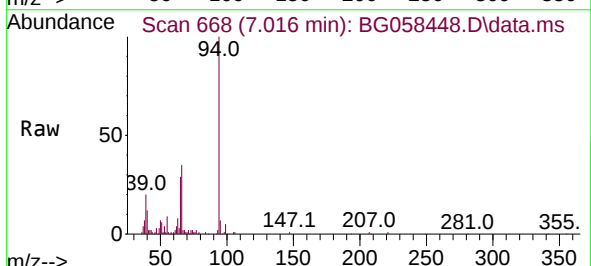
Manual Integrations  
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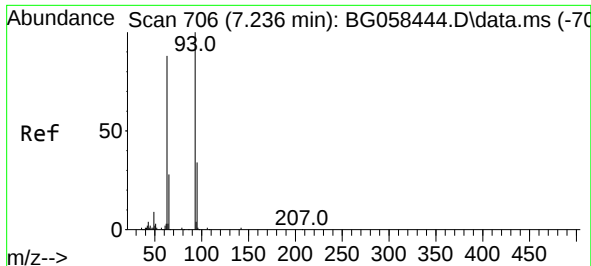
Reviewed By :Yogesh Patel 07/26/2023  
Supervised By :mohammad ahmed 07/26/2023



#8  
Phenol  
Concen: 36.129 ng/ul  
RT: 7.016 min Scan# 668  
Delta R.T. 0.002 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

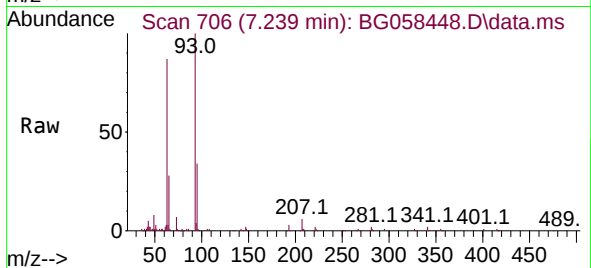
Tgt Ion: 94 Resp: 144587  
Ion Ratio Lower Upper  
94 100  
65 28.6 23.8 35.8  
66 34.7 31.2 46.8





#10  
Bis(2-Chloroethyl)ether  
Concen: 34.241 ng/ul  
RT: 7.239 min Scan# 706  
Delta R.T. 0.002 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

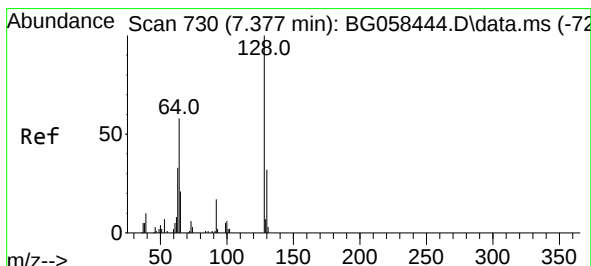
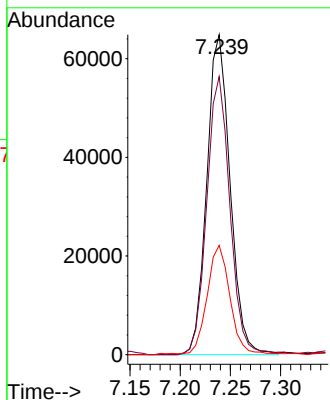
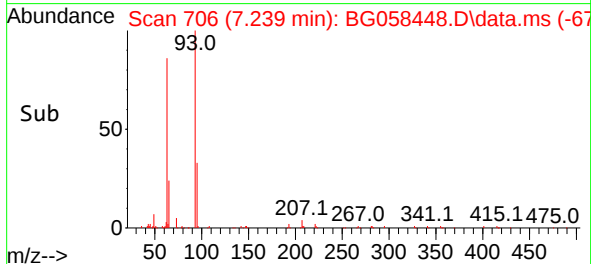
Instrument :  
BNA\_G  
ClientSampleId :  
A4737MS



Tgt Ion: 93 Resp: 104978  
Ion Ratio Lower Upper  
93 100  
63 86.9 67.7 101.5  
95 34.2 27.0 40.6

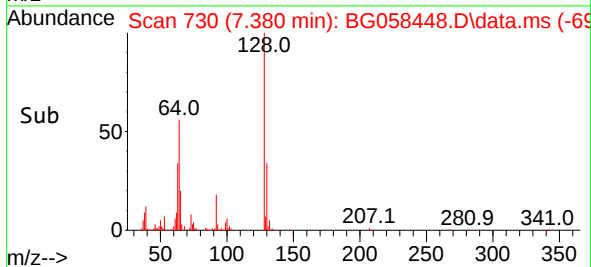
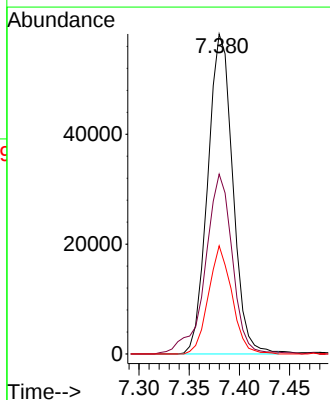
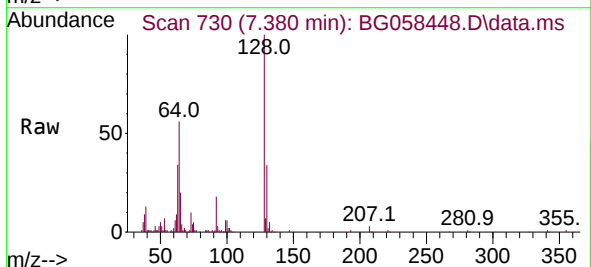
Manual Integrations  
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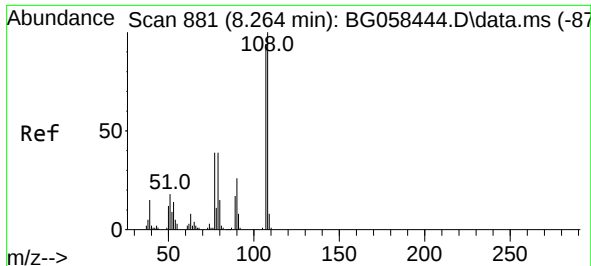
Reviewed By :Yogesh Patel 07/26/2023  
Supervised By :mohammad ahmed 07/26/2023



#12  
2-Chlorophenol  
Concen: 35.771 ng/ul  
RT: 7.380 min Scan# 730  
Delta R.T. -0.003 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

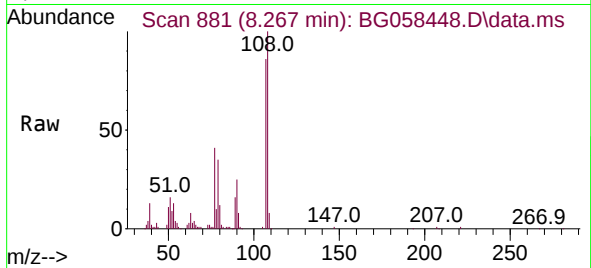
Tgt Ion:128 Resp: 101004  
Ion Ratio Lower Upper  
128 100  
64 56.2 45.6 68.4  
130 33.8 25.2 37.8





#13  
2-Methylphenol  
Concen: 30.151 ng/ul  
RT: 8.267 min Scan# 881  
Delta R.T. 0.002 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

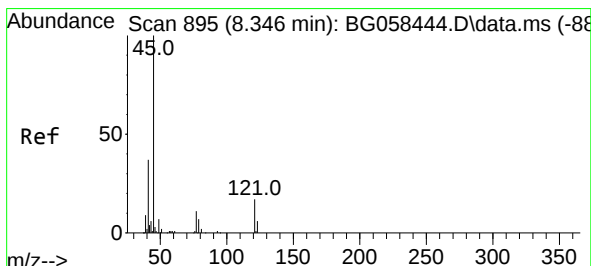
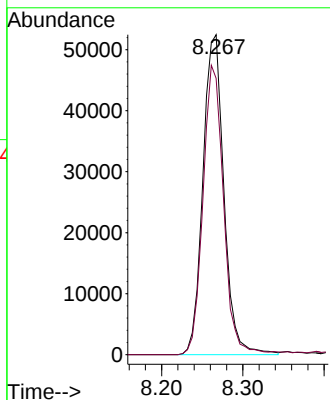
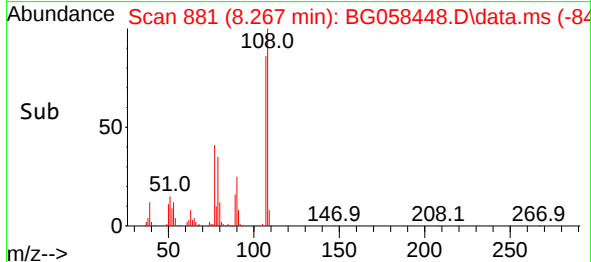
Instrument :  
BNA\_G  
ClientSampleId :  
A4737MS



Tgt Ion:108 Resp: 9404  
Ion Ratio Lower Upper  
108 100  
107 86.3 71.5 107.3

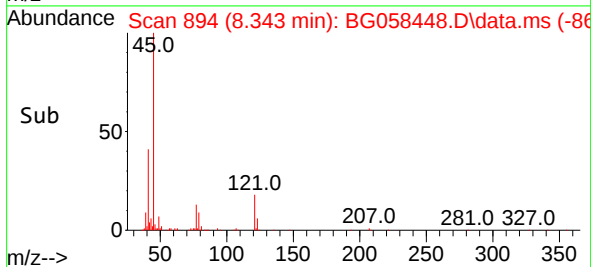
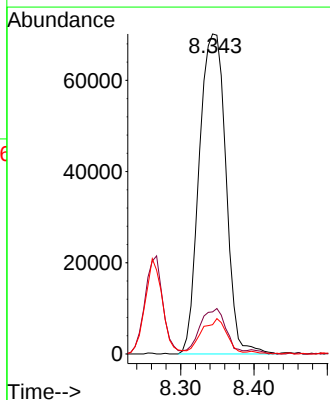
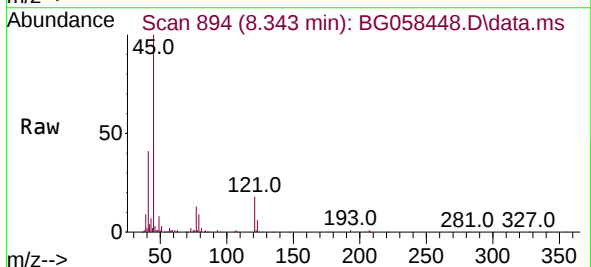
Manual Integrations  
APPROVED

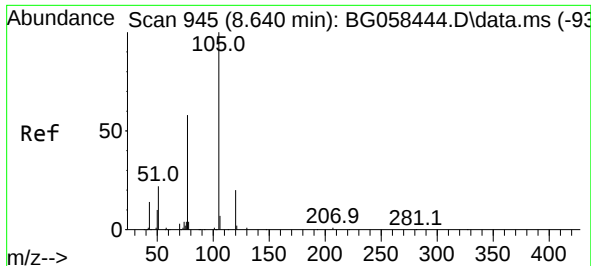
Reviewed By :Yogesh Patel 07/26/2023  
Supervised By :mohammad ahmed 07/26/2023



#14  
2,2'-oxybis(1-Chloropropane)  
Concen: 35.209 ng/ul m  
RT: 8.343 min Scan# 894  
Delta R.T. -0.003 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

Tgt Ion: 45 Resp: 176897  
Ion Ratio Lower Upper  
45 100  
77 13.2 9.4 14.2  
79 9.2 7.4 11.2





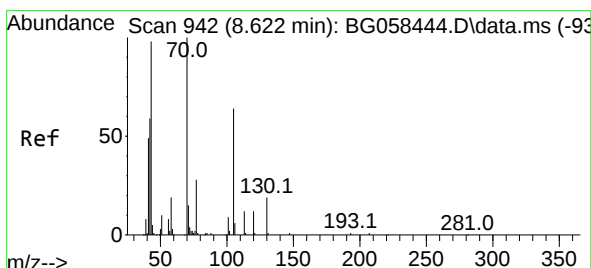
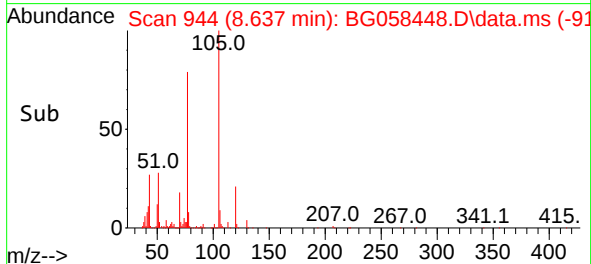
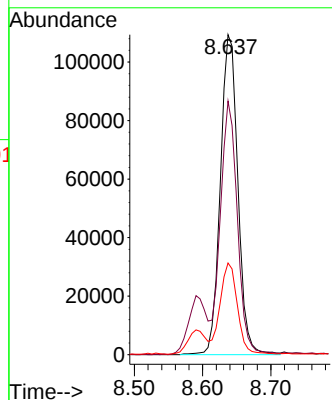
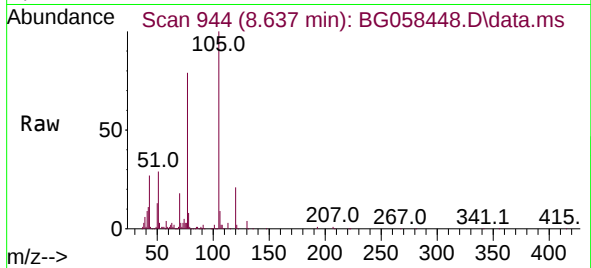
#16  
Acetophenone  
Concen: 39.027 ng/ul  
RT: 8.637 min Scan# 944  
Delta R.T. -0.003 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

Instrument :  
BNA\_G  
ClientSampleId :  
A4737MS

Tgt Ion:105 Resp: 19536  
Ion Ratio Lower Upper  
105 100  
77 79.3 60.7 91.1  
51 28.7 23.5 35.3

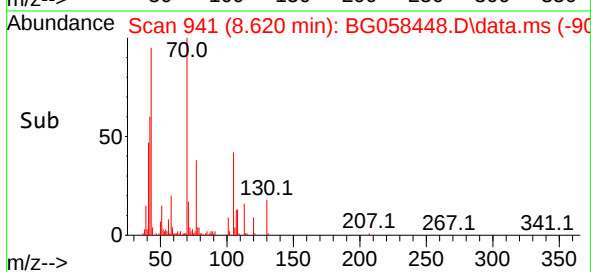
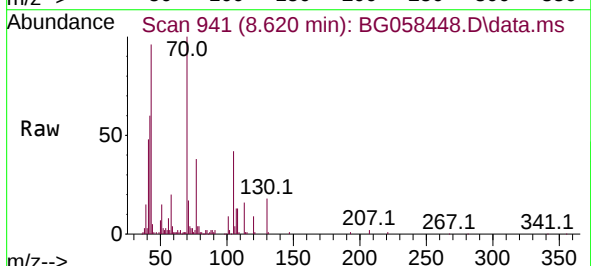
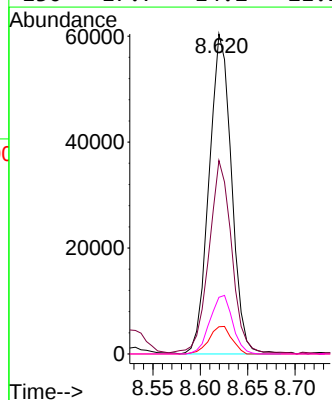
Manual Integrations  
APPROVED

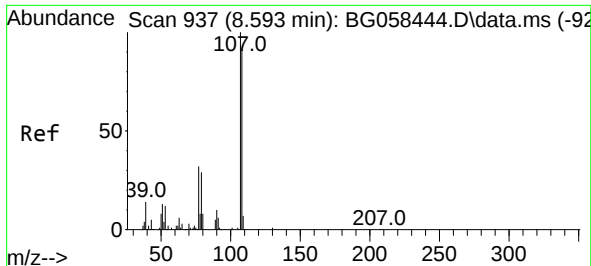
Reviewed By :Yogesh Patel 07/26/2023  
Supervised By :mohammad ahmed 07/26/2023



#17  
N-Nitroso-di-n-propylamine  
Concen: 36.279 ng/ul  
RT: 8.620 min Scan# 941  
Delta R.T. -0.003 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

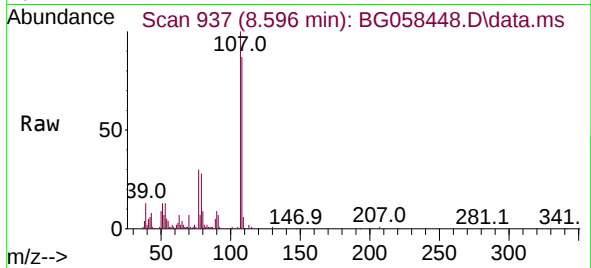
Tgt Ion: 70 Resp: 99393  
Ion Ratio Lower Upper  
70 100  
42 60.5 46.6 69.8  
101 8.5 7.3 10.9  
130 17.7 14.2 21.2





#18  
4-Methylphenol  
Concen: 33.026 ng/ul  
RT: 8.596 min Scan# 911  
Delta R.T. 0.002 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

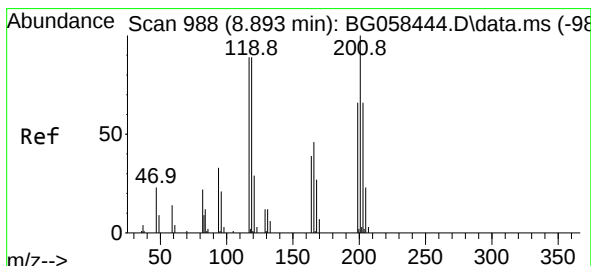
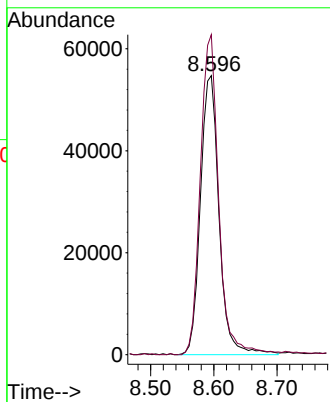
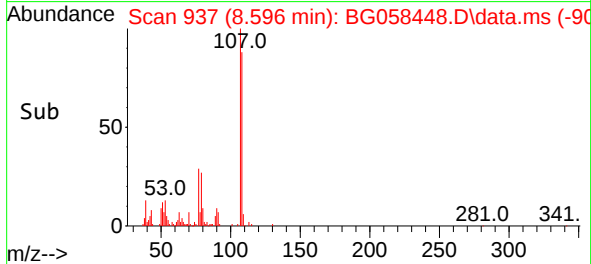
Instrument :  
BNA\_G  
ClientSampleId :  
A4737MS



Tgt Ion:108 Resp: 111948  
Ion Ratio Lower Upper  
108 100  
107 114.7 90.6 136.0

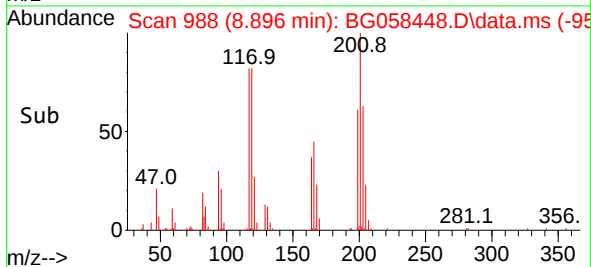
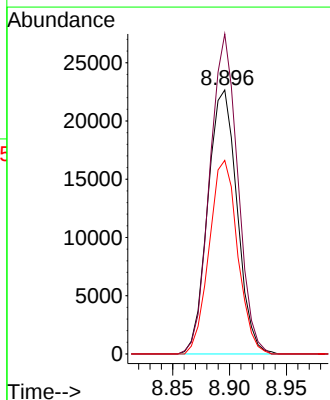
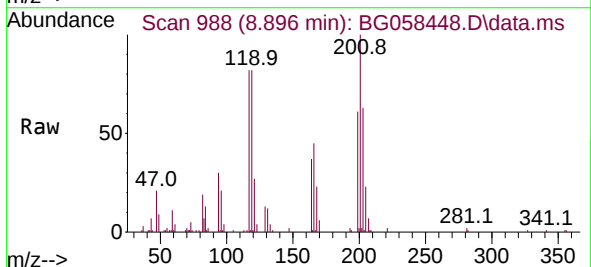
Manual Integrations  
APPROVED

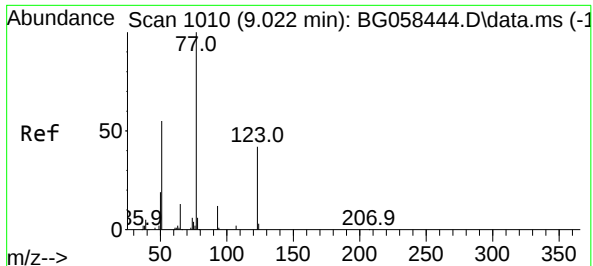
Reviewed By :Yogesh Patel 07/26/2023  
Supervised By :mohammad ahmed 07/26/2023



#19  
Hexachloroethane  
Concen: 36.497 ng/ul  
RT: 8.896 min Scan# 988  
Delta R.T. 0.002 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

Tgt Ion:117 Resp: 40621  
Ion Ratio Lower Upper  
117 100  
201 121.2 103.6 155.4  
199 73.3 60.1 90.1





#22

Nitrobenzene

Concen: 33.821 ng/ul

RT: 9.019 min Scan# 1009

Delta R.T. -0.003 min

Lab File: BG058448.D

Acq: 25 Jul 2023 16:10

Instrument :

BNA\_G

ClientSampleId :

A4737MS

Tgt Ion: 77 Resp: 135860

Ion Ratio Lower Upper

77 100

123 44.4 34.0 51.0

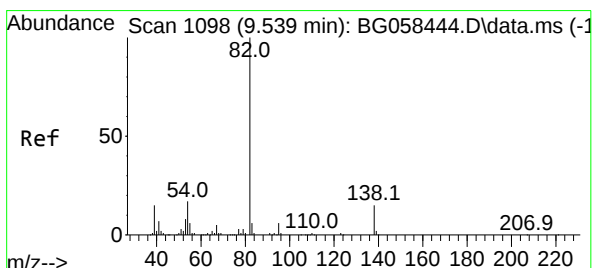
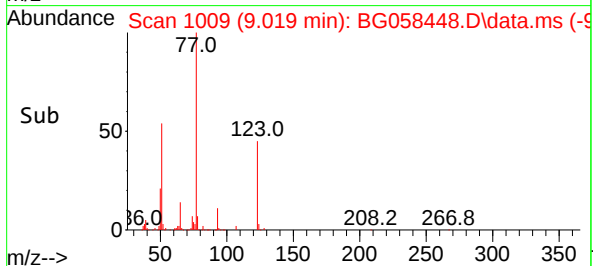
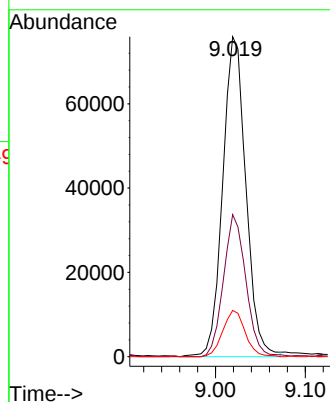
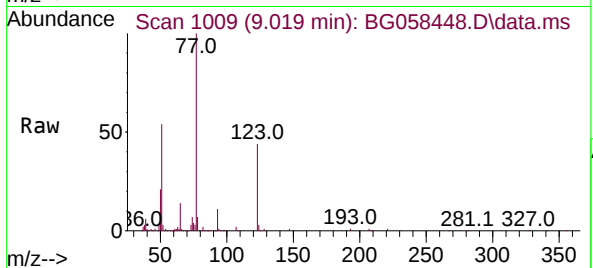
65 14.4 11.0 16.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/26/2023

Supervised By :mohammad ahmed 07/26/2023



#23

Isophorone

Concen: 34.228 ng/ul

RT: 9.536 min Scan# 1097

Delta R.T. -0.003 min

Lab File: BG058448.D

Acq: 25 Jul 2023 16:10

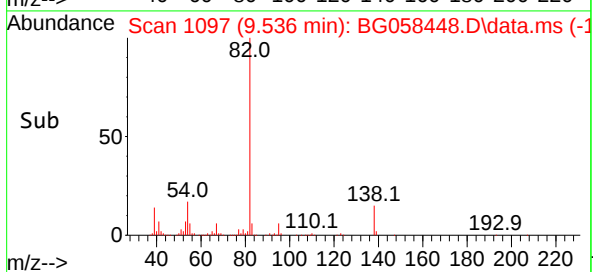
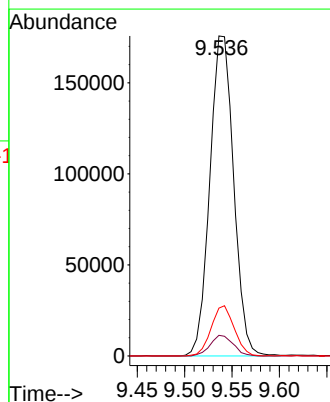
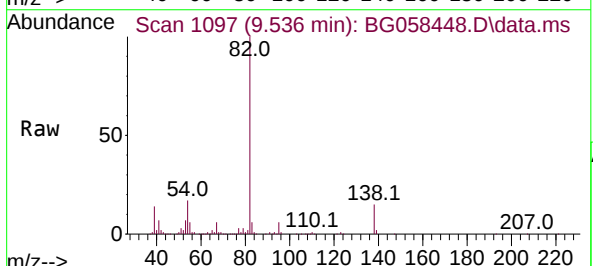
Tgt Ion: 82 Resp: 308266

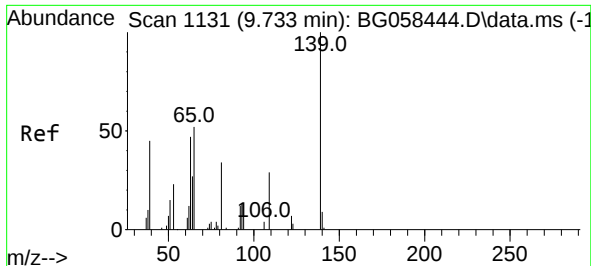
Ion Ratio Lower Upper

82 100

95 6.4 5.1 7.7

138 15.0 11.9 17.9





#25

2-Nitrophenol

Concen: 37.725 ng/ul

RT: 9.730 min Scan# 1131

Delta R.T. -0.003 min

Lab File: BG058448.D

Acq: 25 Jul 2023 16:10

Instrument :

BNA\_G

ClientSampleId :

A4737MS

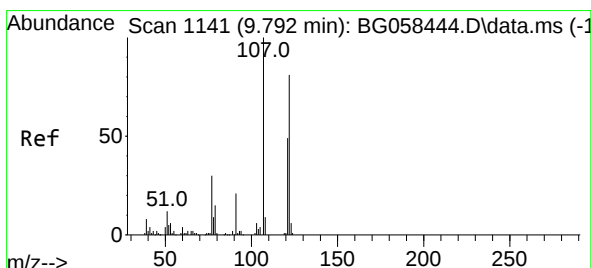
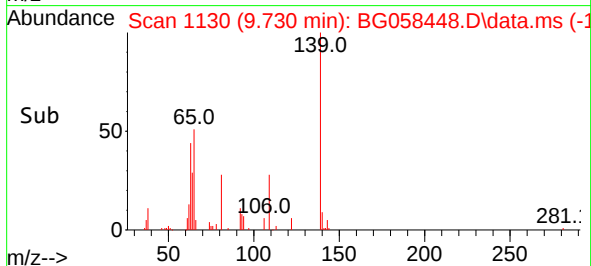
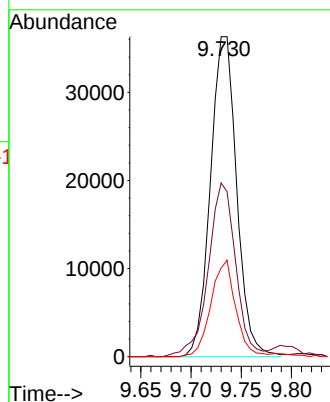
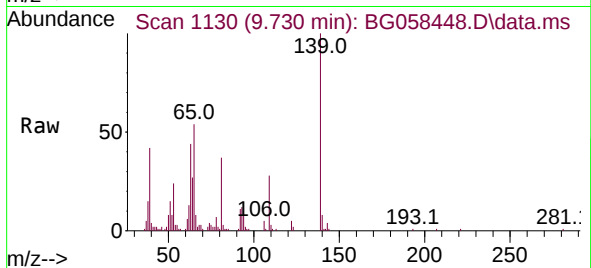
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:139 | Resp: | 66260     |
| Ion Ratio   | Lower | Upper     |
| 139         | 100   |           |
| 65          | 54.3  | 49.2 73.8 |
| 109         | 27.7  | 21.6 32.4 |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/26/2023

Supervised By :mohammad ahmed 07/26/2023



#26

2,4-Dimethylphenol

Concen: 5.527 ng/ul m

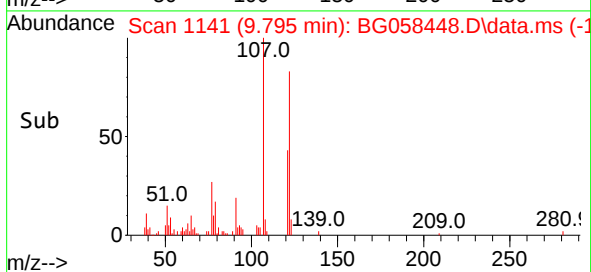
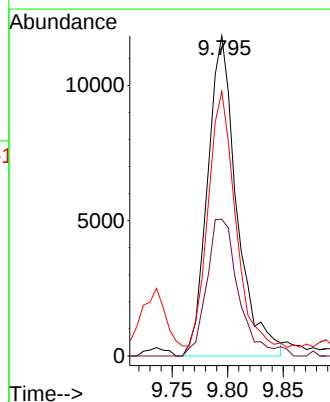
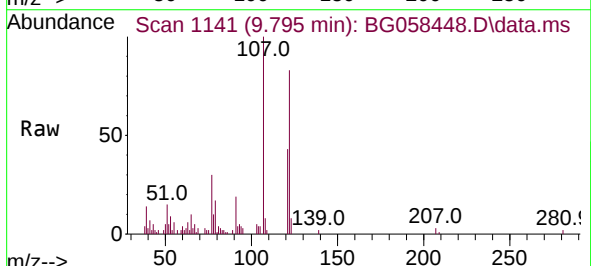
RT: 9.795 min Scan# 1141

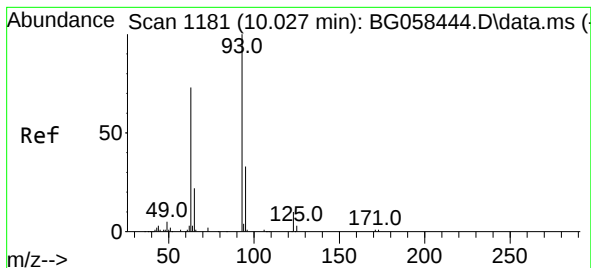
Delta R.T. 0.002 min

Lab File: BG058448.D

Acq: 25 Jul 2023 16:10

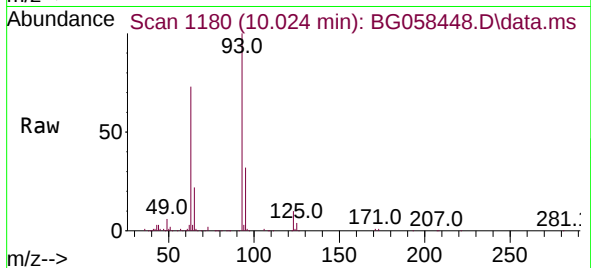
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:107 | Resp: | 21648      |
| Ion Ratio   | Lower | Upper      |
| 107         | 100   |            |
| 121         | 42.7  | 39.1 58.7  |
| 122         | 82.7  | 68.9 103.3 |





#27  
Bis(2-Chloroethoxy)methane  
Concen: 34.987 ng/ul  
RT: 10.024 min Scan# 1181  
Delta R.T. -0.003 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

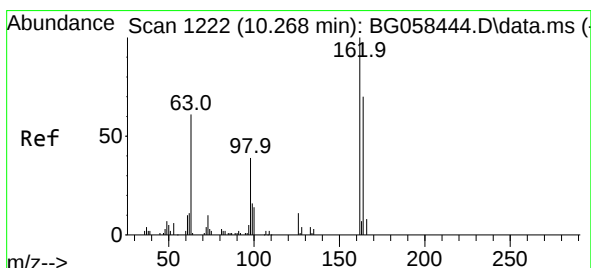
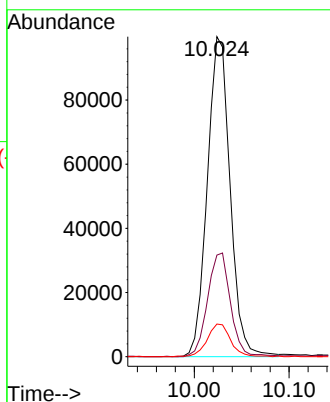
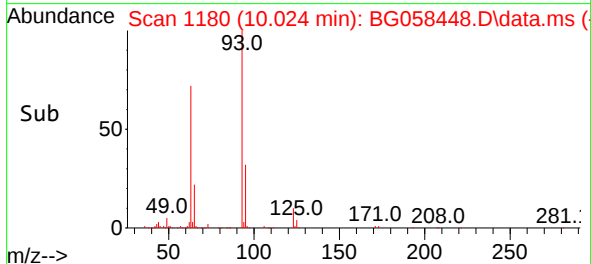
Instrument :  
BNA\_G  
ClientSampleId :  
A4737MS



Tgt Ion: 93 Resp: 166880  
Ion Ratio Lower Upper  
93 100  
95 31.7 25.8 38.8  
123 10.2 9.3 13.9

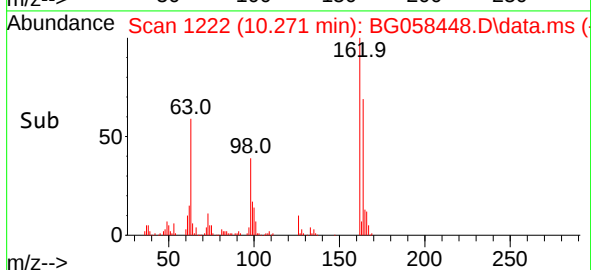
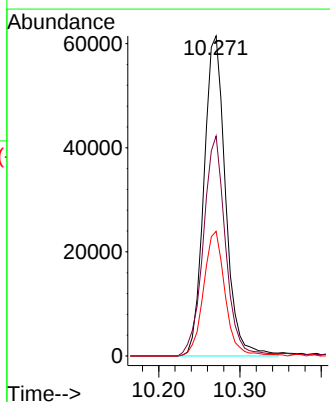
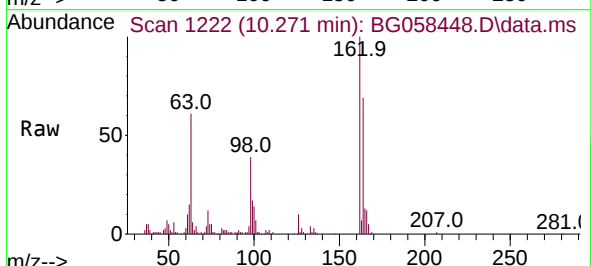
Manual Integrations  
APPROVED

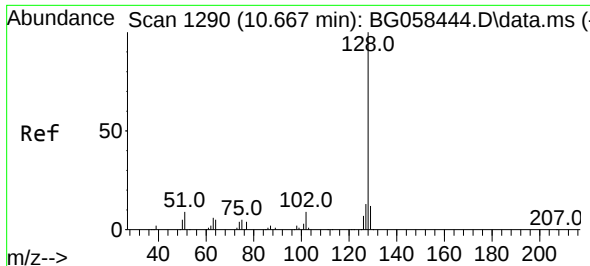
Reviewed By :Yogesh Patel 07/26/2023  
Supervised By :mohammad ahmed 07/26/2023



#29  
2,4-Dichlorophenol  
Concen: 37.890 ng/ul  
RT: 10.271 min Scan# 1222  
Delta R.T. -0.003 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

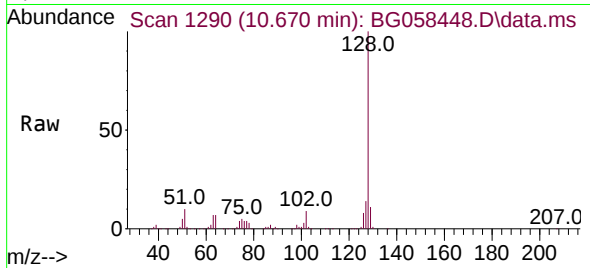
Tgt Ion:162 Resp: 113371  
Ion Ratio Lower Upper  
162 100  
164 68.8 58.4 87.6  
98 39.0 29.6 44.4





#30  
Naphthalene  
Concen: 36.307 ng/ul  
RT: 10.670 min Scan# 1290  
Delta R.T. 0.002 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

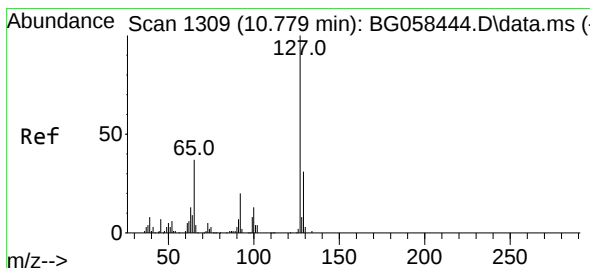
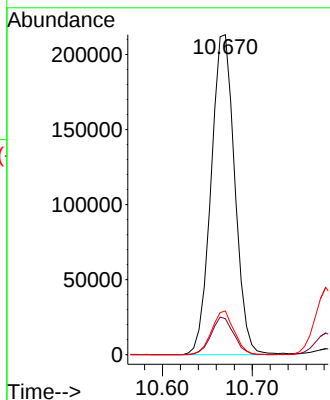
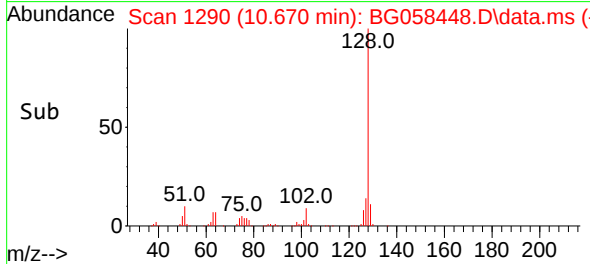
Instrument :  
BNA\_G  
ClientSampleId :  
A4737MS



Tgt Ion:128 Resp: 39000  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.8 13.2  
127 13.7 10.8 16.2

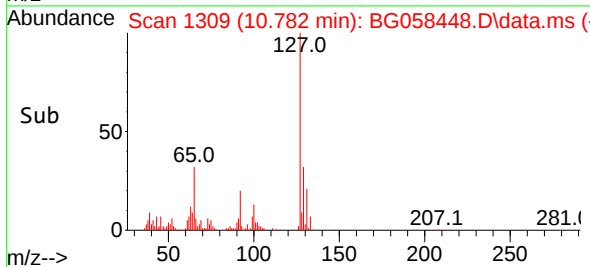
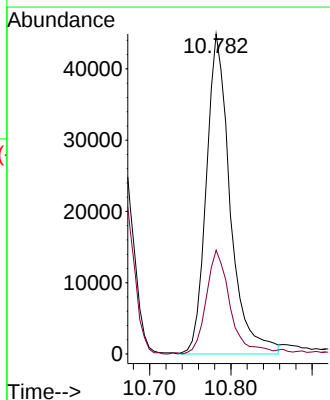
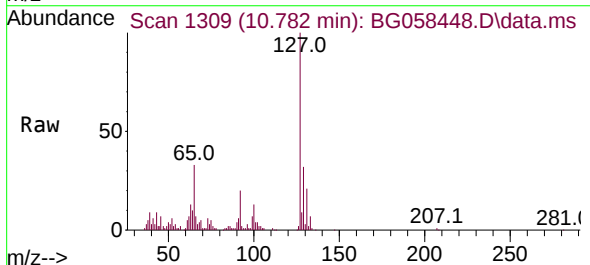
Manual Integrations  
APPROVED

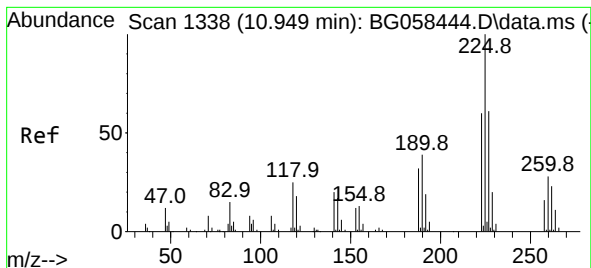
Reviewed By :Yogesh Patel 07/26/2023  
Supervised By :mohammad ahmed 07/26/2023



#32  
4-Chloroaniline  
Concen: 19.619 ng/ul  
RT: 10.782 min Scan# 1309  
Delta R.T. -0.003 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

Tgt Ion:127 Resp: 91640  
Ion Ratio Lower Upper  
127 100  
129 32.4 26.1 39.1





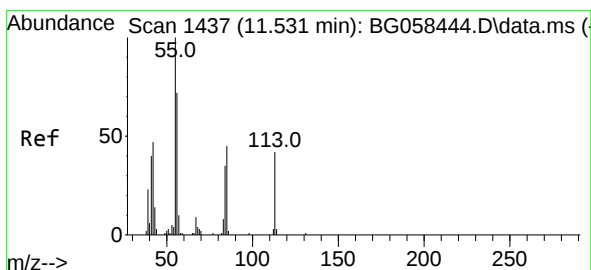
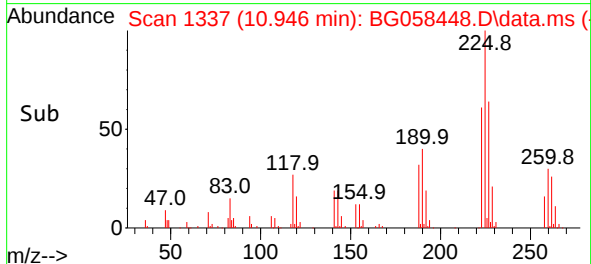
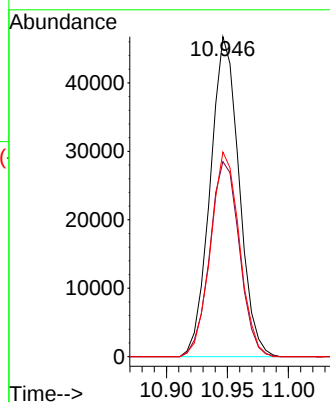
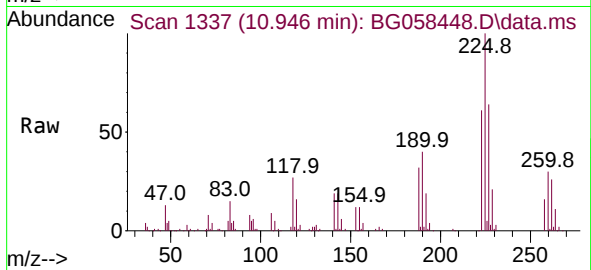
#33  
Hexachlorobutadiene  
Concen: 35.997 ng/ul  
RT: 10.946 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

Instrument :  
BNA\_G  
ClientSampleId :  
A4737MS

Tgt Ion:225 Resp: 77010  
Ion Ratio Lower Upper  
225 100  
223 60.9 49.7 74.5  
227 64.0 53.2 79.8

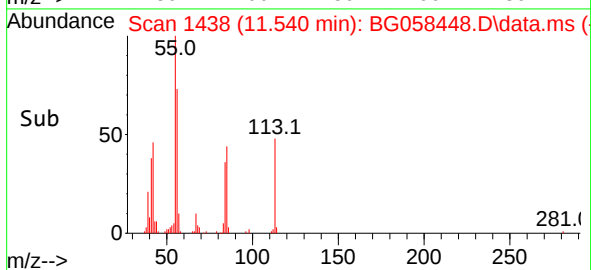
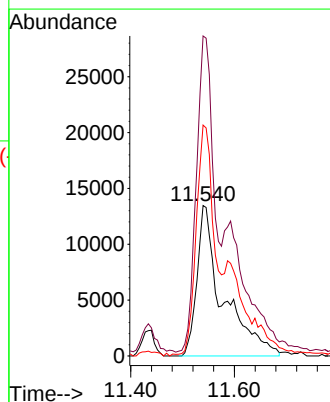
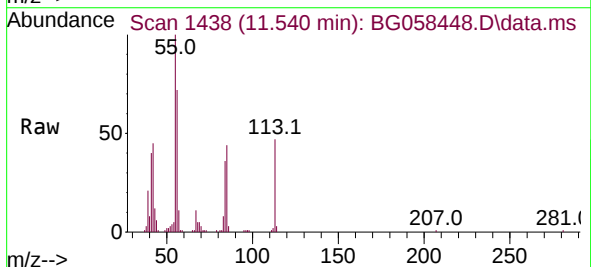
Manual Integrations  
APPROVED

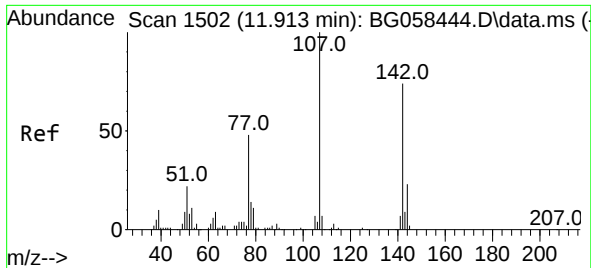
Reviewed By :Yogesh Patel 07/26/2023  
Supervised By :mohammad ahmed 07/26/2023



#34  
Caprolactam  
Concen: 37.452 ng/ul m  
RT: 11.540 min Scan# 1438  
Delta R.T. -0.027 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

Tgt Ion:113 Resp: 46543  
Ion Ratio Lower Upper  
113 100  
55 212.7 179.8 269.6  
56 153.5 132.2 198.4





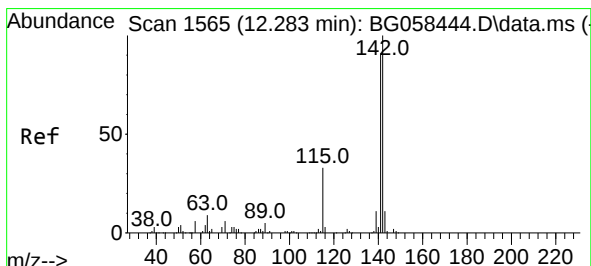
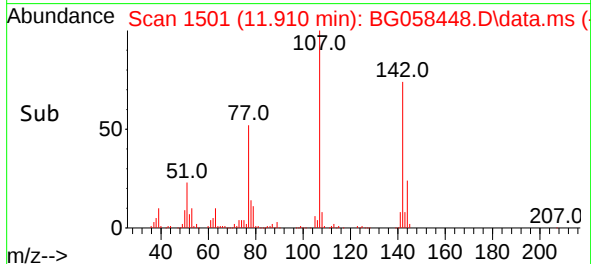
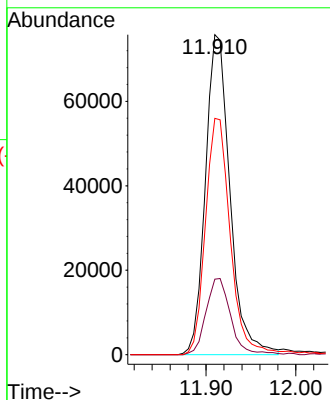
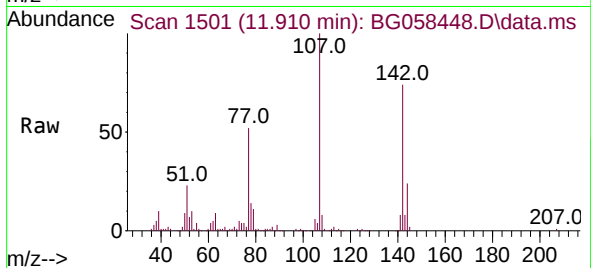
#35  
4-Chloro-3-methylphenol  
Concen: 37.746 ng/ul  
RT: 11.910 min Scan# 1502  
Delta R.T. -0.003 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

Instrument :  
BNA\_G  
ClientSampleId :  
A4737MS

Tgt Ion:107 Resp: 143730  
Ion Ratio Lower Upper  
107 100  
144 23.6 19.0 28.6  
142 73.9 55.8 83.6

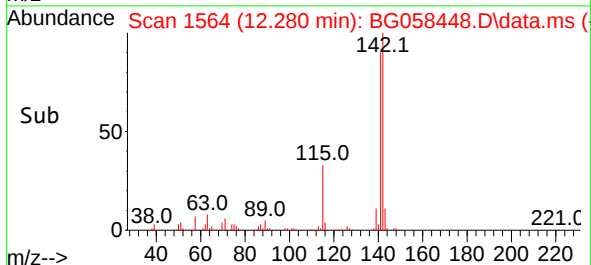
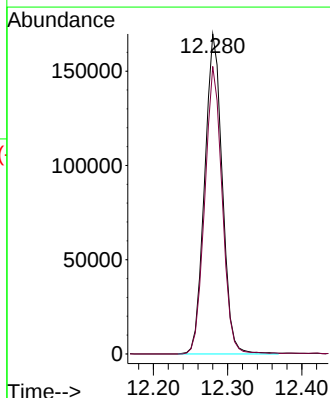
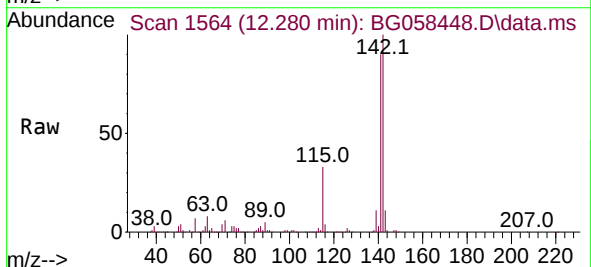
Manual Integrations  
APPROVED

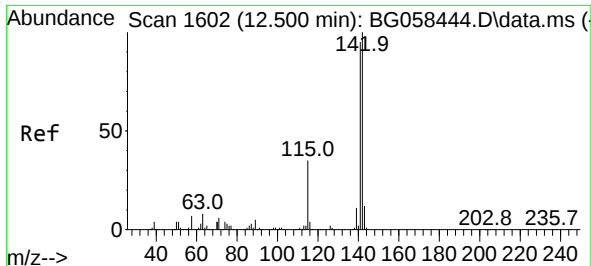
Reviewed By :Yogesh Patel 07/26/2023  
Supervised By :mohammad ahmed 07/26/2023



#36  
2-Methylnaphthalene  
Concen: 38.921 ng/ul  
RT: 12.280 min Scan# 1564  
Delta R.T. -0.003 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

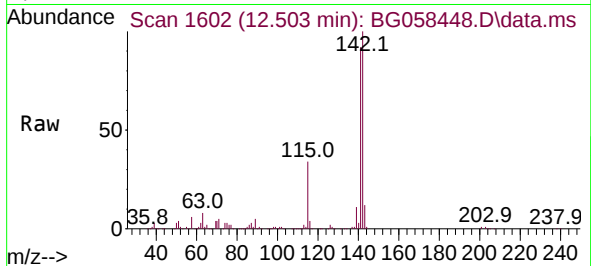
Tgt Ion:142 Resp: 280104  
Ion Ratio Lower Upper  
142 100  
141 89.9 72.6 108.8





#37  
1-Methylnaphthalene  
Concen: 38.110 ng/ul  
RT: 12.503 min Scan# 1602  
Delta R.T. -0.003 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

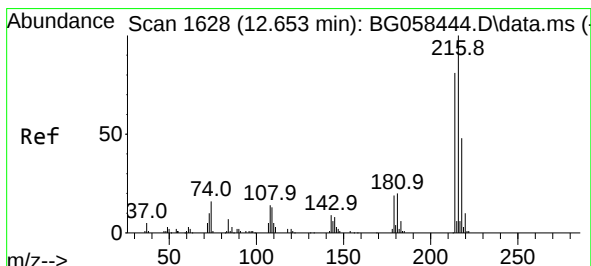
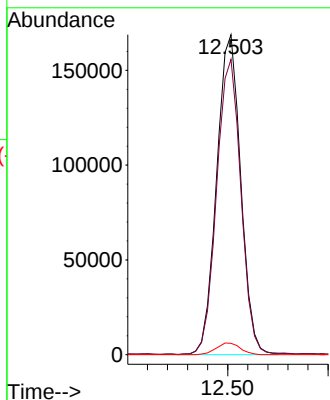
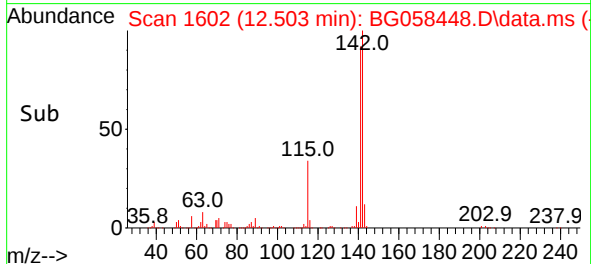
Instrument :  
BNA\_G  
ClientSampleId :  
A4737MS



Tgt Ion:142 Resp: 28109  
Ion Ratio Lower Upper  
142 100  
141 92.3 75.8 113.6  
116 3.6 3.2 4.8

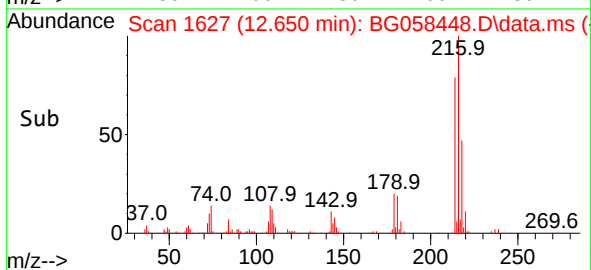
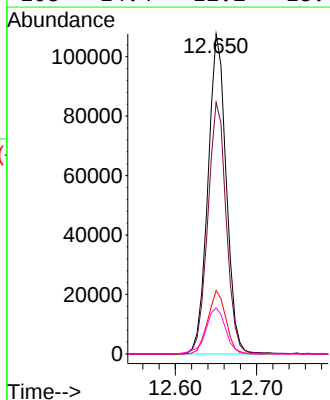
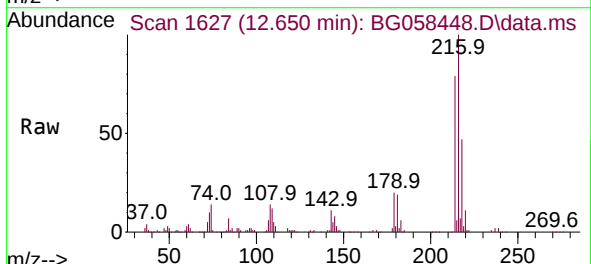
Manual Integrations  
APPROVED

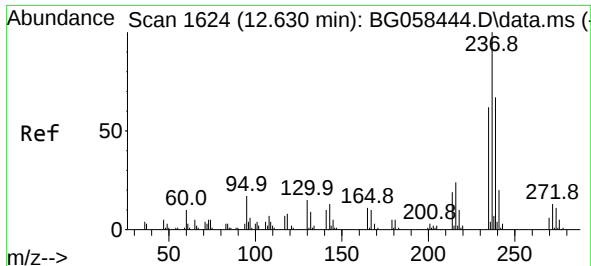
Reviewed By :Yogesh Patel 07/26/2023  
Supervised By :mohammad ahmed 07/26/2023



#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 38.992 ng/ul  
RT: 12.650 min Scan# 1627  
Delta R.T. -0.003 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

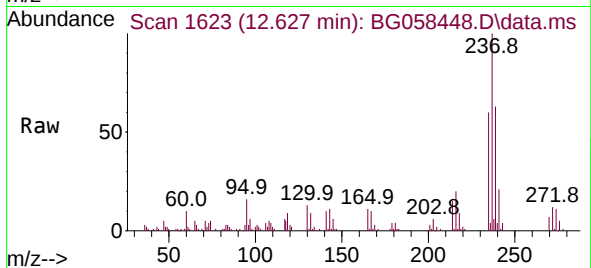
Tgt Ion:216 Resp: 168205  
Ion Ratio Lower Upper  
216 100  
214 78.6 62.2 93.4  
179 19.8 16.2 24.2  
108 14.4 12.2 18.4





#40  
Hexachlorocyclopentadiene  
Concen: 22.507 ng/ul  
RT: 12.627 min Scan# 1623  
Delta R.T. -0.003 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

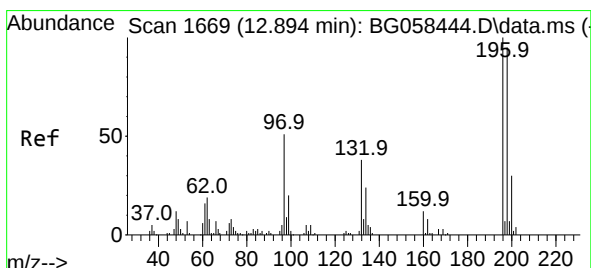
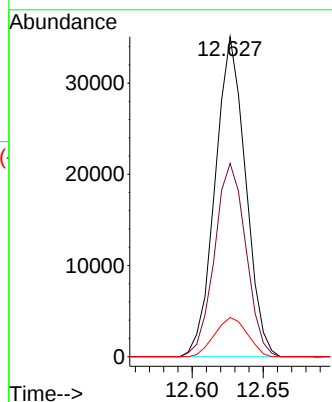
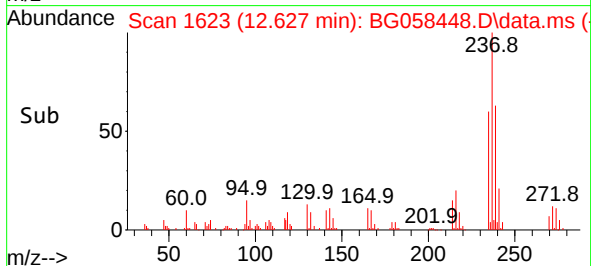
Instrument :  
BNA\_G  
ClientSampleId :  
A4737MS



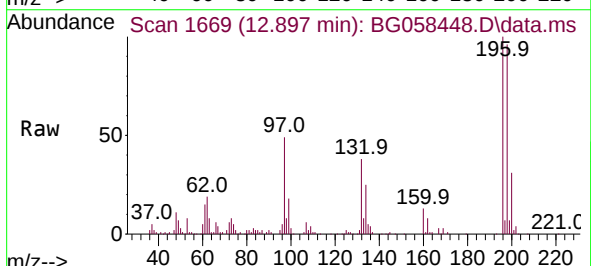
Tgt Ion:237 Resp: 52220  
Ion Ratio Lower Upper  
237 100  
235 60.4 50.9 76.3  
272 12.2 10.8 16.2

Manual Integrations  
APPROVED

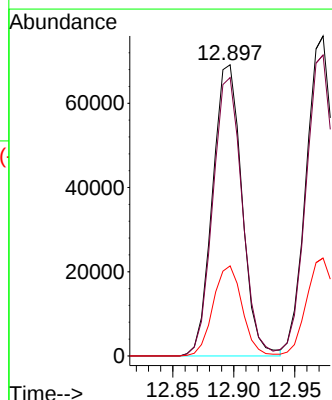
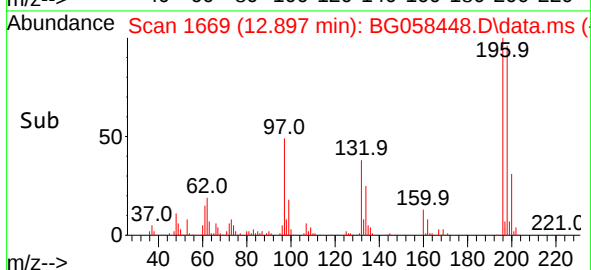
Reviewed By :Yogesh Patel 07/26/2023  
Supervised By :mohammad ahmed 07/26/2023

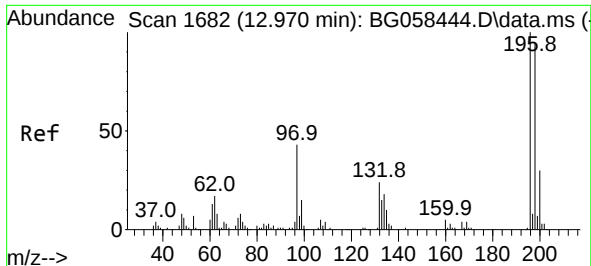


#41  
2,4,6-Trichlorophenol  
Concen: 39.773 ng/ul  
RT: 12.897 min Scan# 1669  
Delta R.T. -0.003 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10



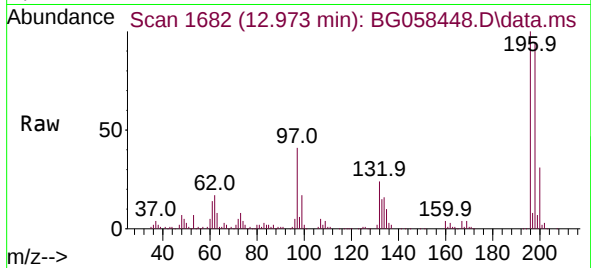
Tgt Ion:196 Resp: 116149  
Ion Ratio Lower Upper  
196 100  
198 95.6 77.7 116.5  
200 31.0 25.0 37.6





#42  
2,4,5-Trichlorophenol  
Concen: 40.693 ng/ul  
RT: 12.973 min Scan# 11  
Delta R.T. -0.003 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

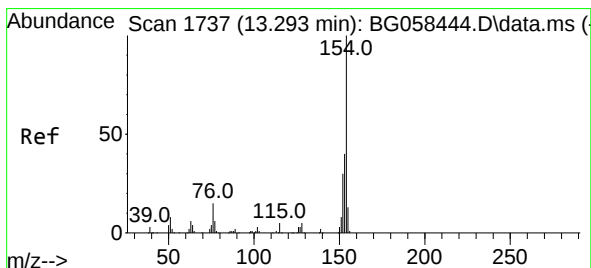
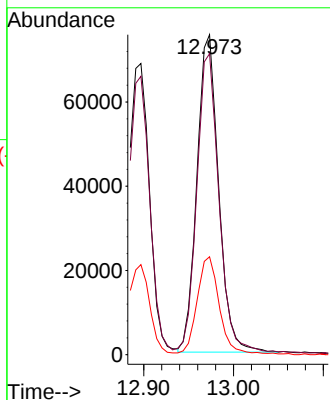
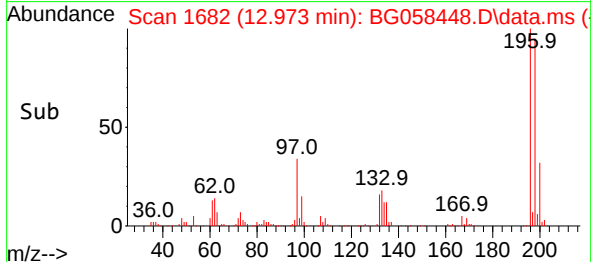
Instrument :  
BNA\_G  
ClientSampleId :  
A4737MS



Tgt Ion:196 Resp: 12671  
Ion Ratio Lower Upper  
196 100  
198 94.0 74.8 112.2  
200 30.6 24.4 36.6

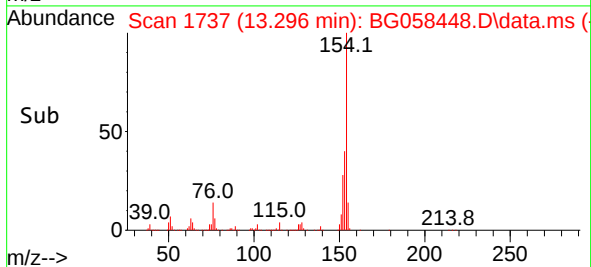
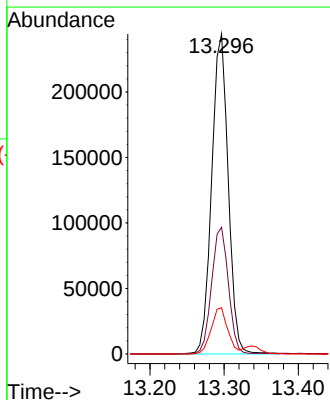
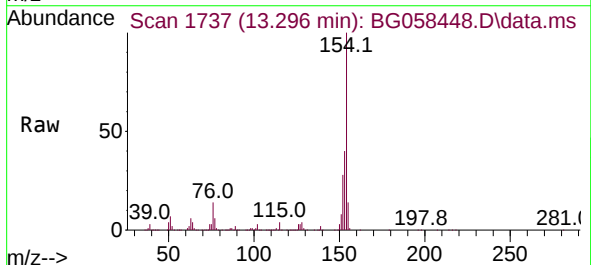
Manual Integrations  
APPROVED

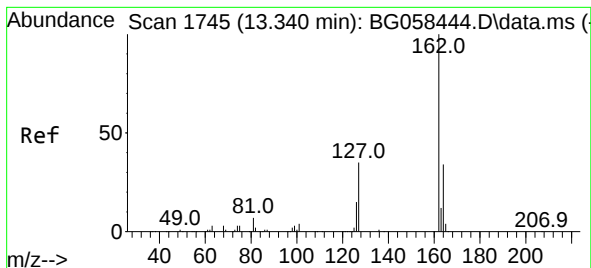
Reviewed By :Yogesh Patel 07/26/2023  
Supervised By :mohammad ahmed 07/26/2023



#43  
1,1'-Biphenyl  
Concen: 37.504 ng/ul  
RT: 13.296 min Scan# 1737  
Delta R.T. 0.002 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

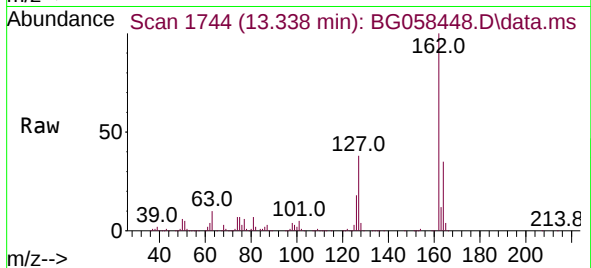
Tgt Ion:154 Resp: 377922  
Ion Ratio Lower Upper  
154 100  
153 39.6 31.8 47.6  
76 14.4 11.7 17.5





#44  
2-Chloronaphthalene  
Concen: 38.362 ng/ul  
RT: 13.338 min Scan# 1744  
Delta R.T. -0.003 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

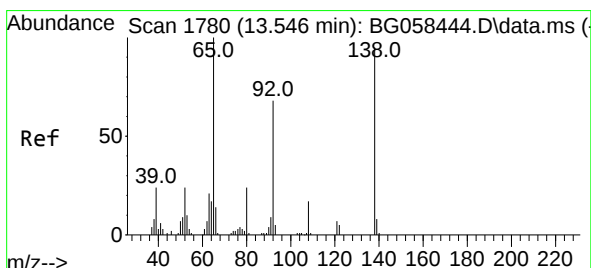
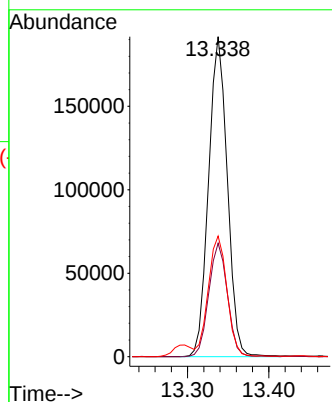
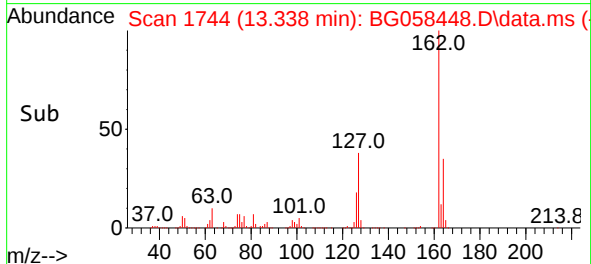
Instrument :  
BNA\_G  
ClientSampleId :  
A4737MS



Tgt Ion:162 Resp: 307349  
Ion Ratio Lower Upper  
162 100  
164 35.4 26.2 39.2  
127 37.7 29.8 44.6

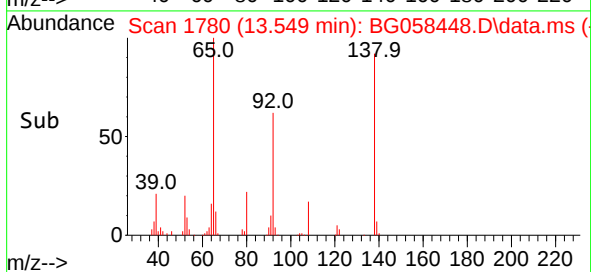
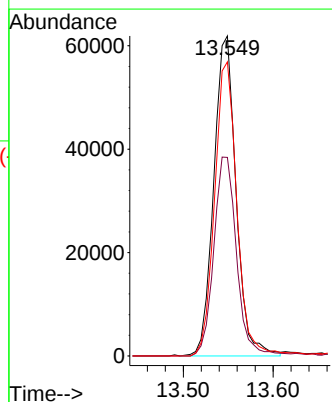
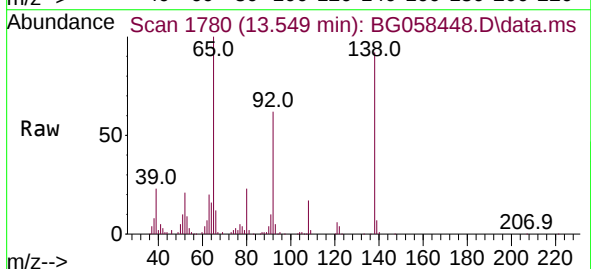
Manual Integrations  
APPROVED

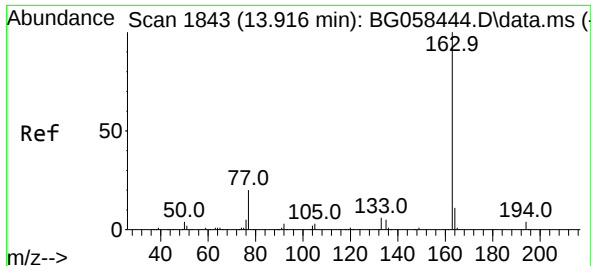
Reviewed By :Yogesh Patel 07/26/2023  
Supervised By :mohammad ahmed 07/26/2023



#45  
2-Nitroaniline  
Concen: 38.350 ng/ul  
RT: 13.549 min Scan# 1780  
Delta R.T. 0.002 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

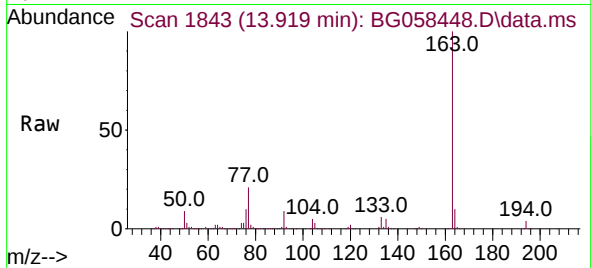
Tgt Ion: 65 Resp: 106728  
Ion Ratio Lower Upper  
65 100  
92 62.0 51.4 77.2  
138 91.9 71.6 107.4





#47  
Dimethylphthalate  
Concen: 43.908 ng/ul  
RT: 13.919 min Scan# 1843  
Delta R.T. 0.002 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

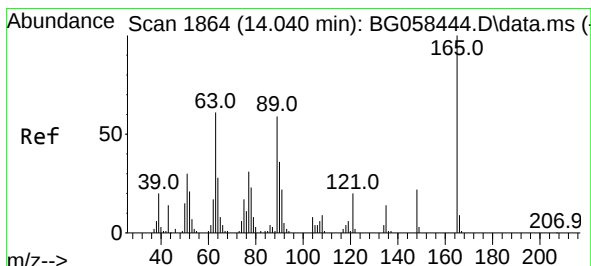
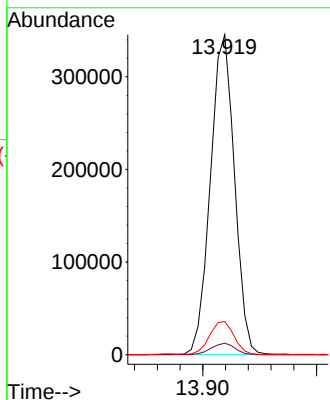
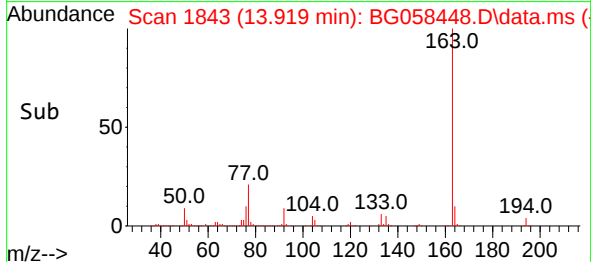
Instrument :  
BNA\_G  
ClientSampleId :  
A4737MS



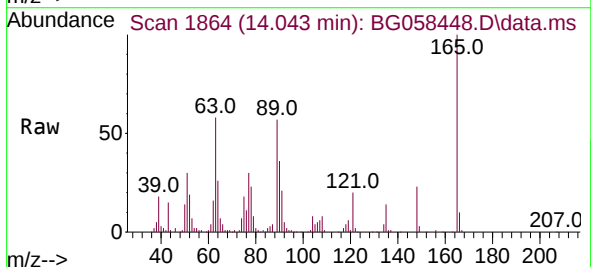
Tgt Ion:163 Resp: 50680  
Ion Ratio Lower Upper  
163 100  
194 3.6 2.6 3.8  
164 10.4 8.2 12.2

Manual Integrations  
APPROVED

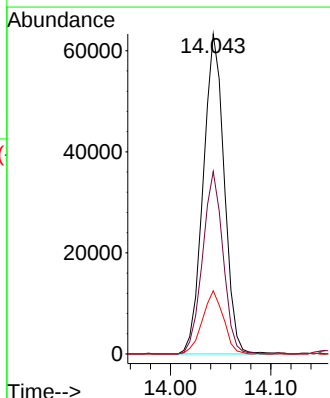
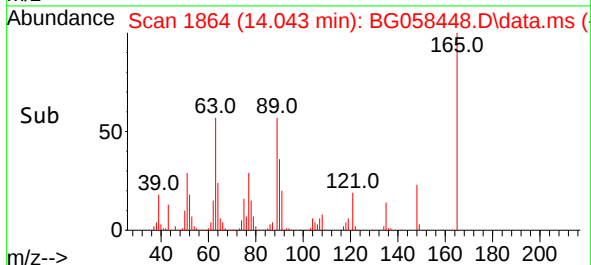
Reviewed By :Yogesh Patel 07/26/2023  
Supervised By :mohammad ahmed 07/26/2023

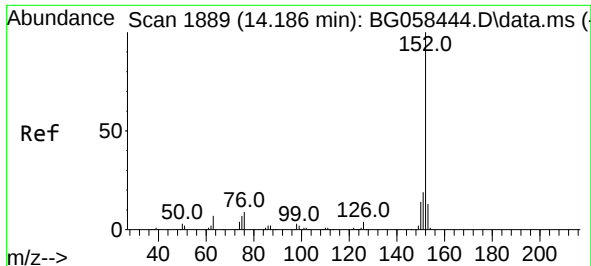


#48  
2,6-Dinitrotoluene  
Concen: 41.345 ng/ul  
RT: 14.043 min Scan# 1864  
Delta R.T. -0.003 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10



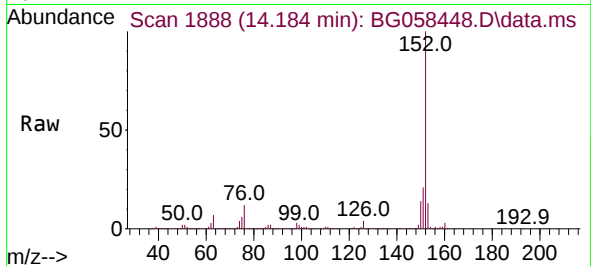
Tgt Ion:165 Resp: 92219  
Ion Ratio Lower Upper  
165 100  
89 57.0 48.9 73.3  
121 19.8 16.2 24.4





#50  
Acenaphthylene  
Concen: 37.300 ng/ul  
RT: 14.184 min Scan# 1889  
Delta R.T. -0.003 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

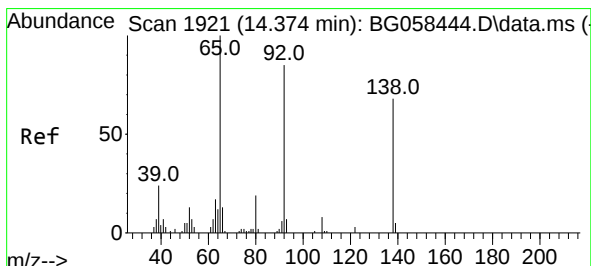
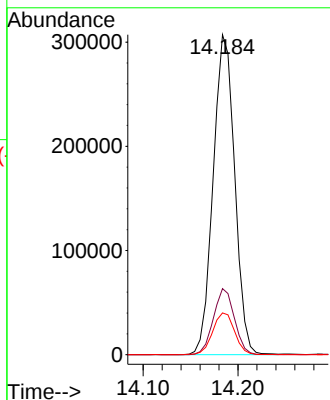
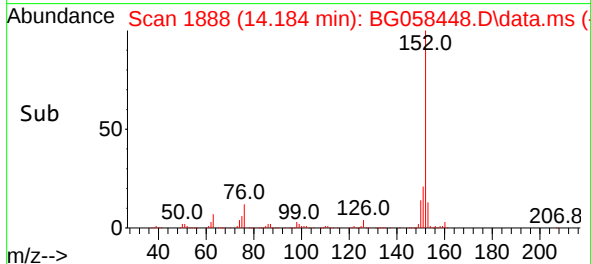
Instrument :  
BNA\_G  
ClientSampleId :  
A4737MS



Tgt Ion:152 Resp: 48486  
Ion Ratio Lower Upper  
152 100  
151 20.7 16.4 24.6  
153 13.1 10.6 16.0

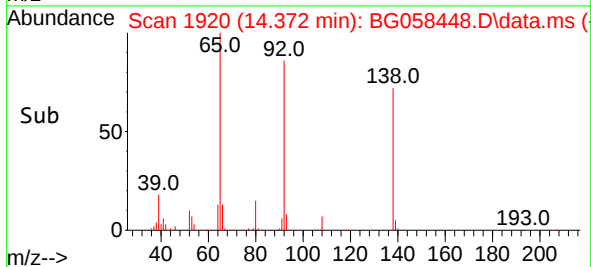
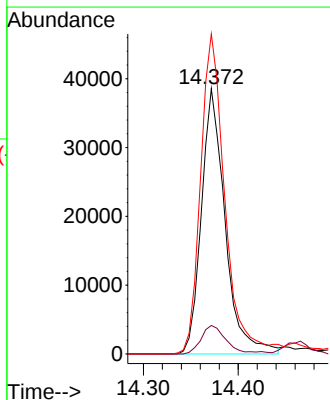
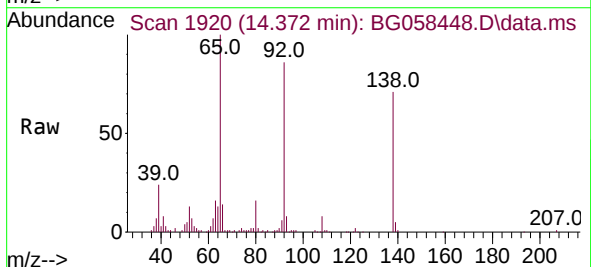
Manual Integrations  
APPROVED

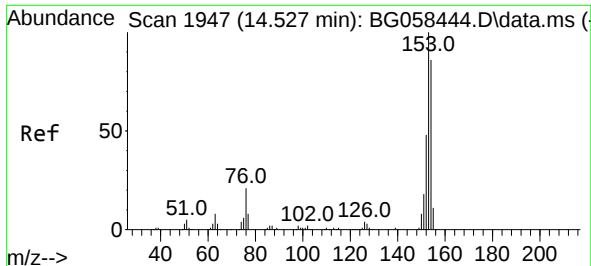
Reviewed By :Yogesh Patel 07/26/2023  
Supervised By :mohammad ahmed 07/26/2023



#51  
3-Nitroaniline  
Concen: 36.075 ng/ul  
RT: 14.372 min Scan# 1920  
Delta R.T. -0.009 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

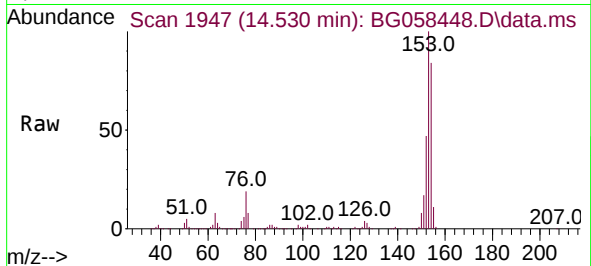
Tgt Ion:138 Resp: 67056  
Ion Ratio Lower Upper  
138 100  
108 10.8 8.6 13.0  
92 120.7 108.4 162.6





#52  
Acenaphthene  
Concen: 39.176 ng/ul  
RT: 14.530 min Scan# 1947  
Delta R.T. 0.002 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

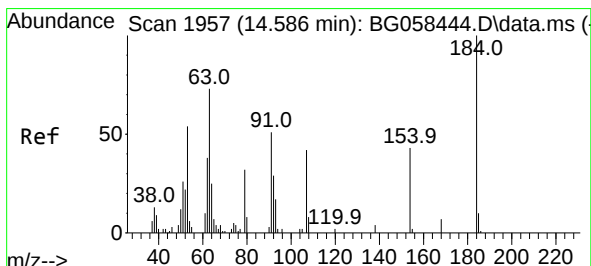
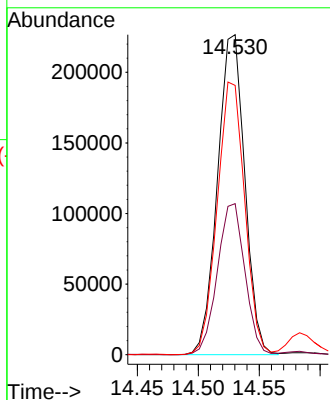
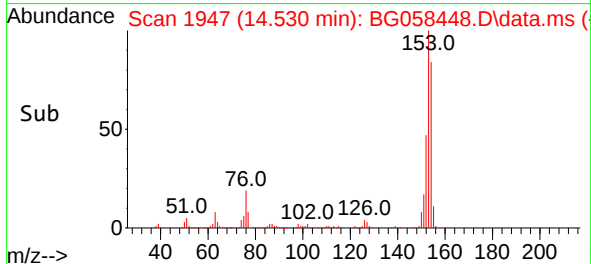
Instrument :  
BNA\_G  
ClientSampleId :  
A4737MS



Tgt Ion:153 Resp: 353570  
Ion Ratio Lower Upper  
153 100  
152 47.2 39.1 58.7  
154 84.1 68.7 103.1

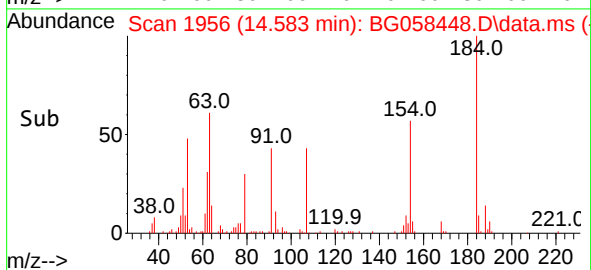
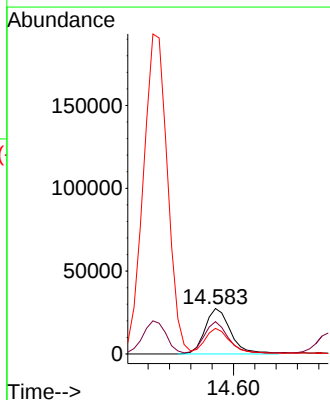
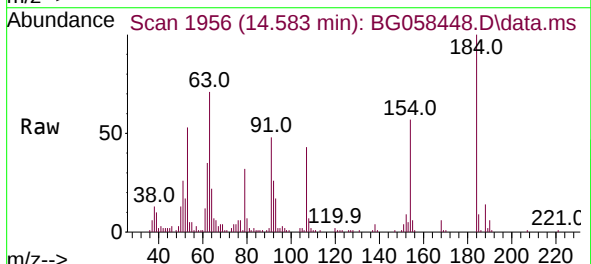
Manual Integrations  
APPROVED

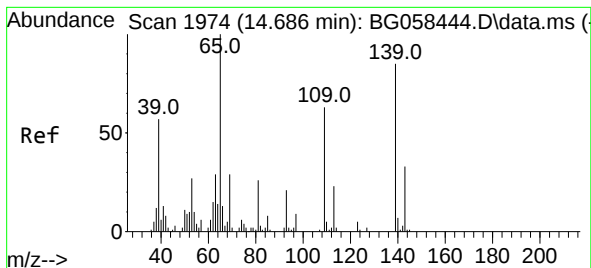
Reviewed By :Yogesh Patel 07/26/2023  
Supervised By :mohammad ahmed 07/26/2023



#53  
2,4-Dinitrophenol  
Concen: 38.471 ng/ul  
RT: 14.583 min Scan# 1956  
Delta R.T. -0.003 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

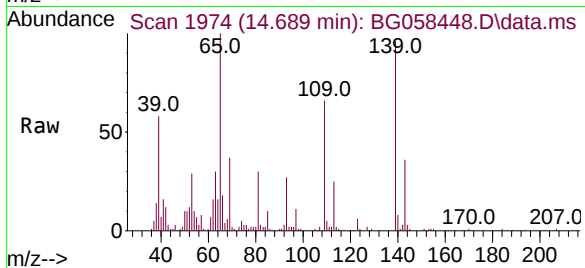
Tgt Ion:184 Resp: 45668  
Ion Ratio Lower Upper  
184 100  
63 71.1 52.9 79.3  
154 56.6 47.8 71.8





#55  
4-Nitrophenol  
Concen: 37.010 ng/ul  
RT: 14.689 min Scan# 1974  
Delta R.T. -0.003 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

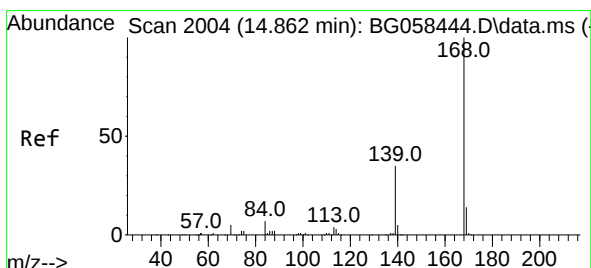
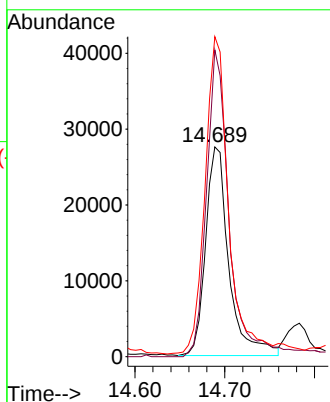
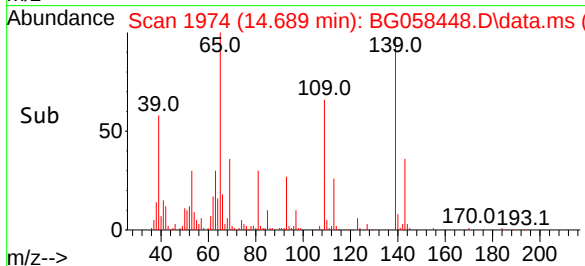
Instrument :  
BNA\_G  
ClientSampleId :  
A4737MS



Tgt Ion:109 Resp: 49460  
Ion Ratio Lower Upper  
109 100  
139 146.2 100.3 150.5  
65 152.6 120.6 180.8

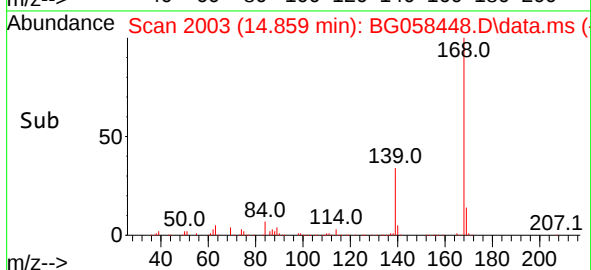
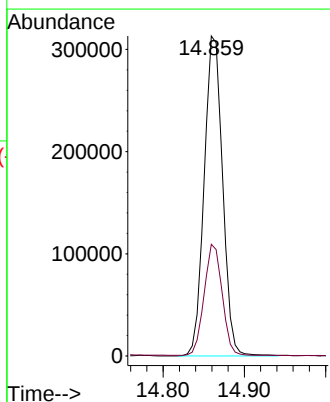
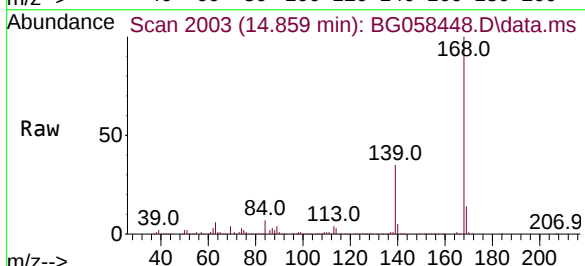
Manual Integrations  
APPROVED

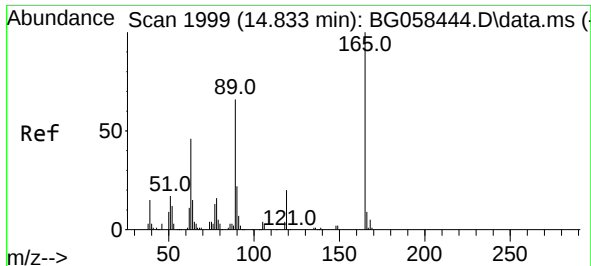
Reviewed By :Yogesh Patel 07/26/2023  
Supervised By :mohammad ahmed 07/26/2023



#56  
Dibenzofuran  
Concen: 38.372 ng/ul  
RT: 14.859 min Scan# 2003  
Delta R.T. -0.003 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

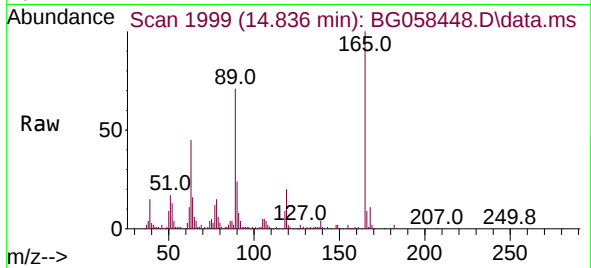
Tgt Ion:168 Resp: 493124  
Ion Ratio Lower Upper  
168 100  
139 34.9 27.8 41.8





#57  
2,4-Dinitrotoluene  
Concen: 40.577 ng/ul  
RT: 14.836 min Scan# 1999  
Delta R.T. 0.002 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

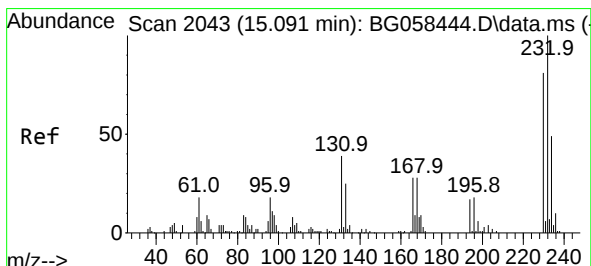
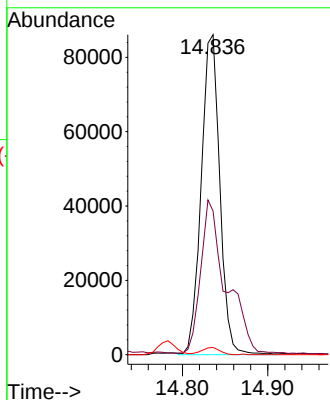
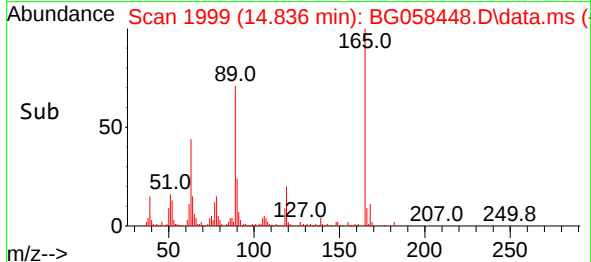
Instrument :  
BNA\_G  
ClientSampleId :  
A4737MS



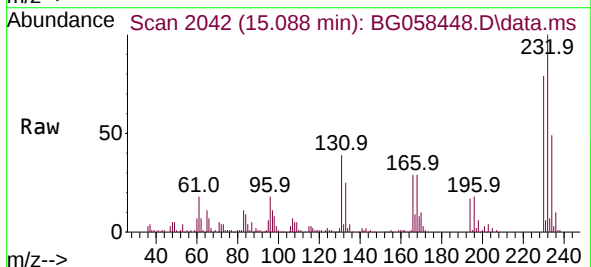
Tgt Ion:165 Resp: 13053  
Ion Ratio Lower Upper  
165 100  
63 44.9 33.8 50.6  
182 2.3 1.2 1.8

Manual Integrations  
APPROVED

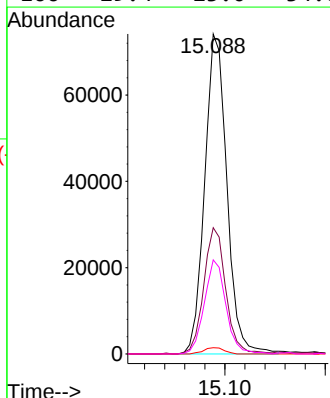
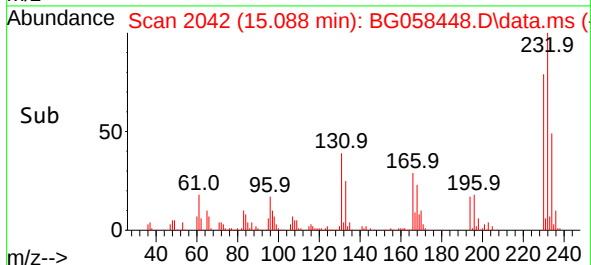
Reviewed By :Yogesh Patel 07/26/2023  
Supervised By :mohammad ahmed 07/26/2023

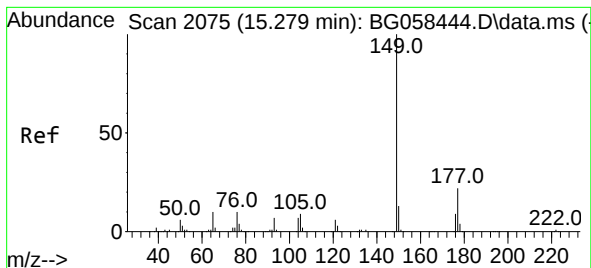


#58  
2,3,4,6-Tetrachlorophenol  
Concen: 39.664 ng/ul  
RT: 15.088 min Scan# 2042  
Delta R.T. -0.003 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10



Tgt Ion:232 Resp: 114117  
Ion Ratio Lower Upper  
232 100  
131 39.4 29.0 43.6  
130 2.0 1.1 1.7#  
166 29.4 23.0 34.6





#59

Diethylphthalate

Concen: 36.940 ng/ul

RT: 15.282 min Scan# 2075

Delta R.T. 0.002 min

Lab File: BG058448.D

Acq: 25 Jul 2023 16:10

Instrument :

BNA\_G

ClientSampleId :

A4737MS

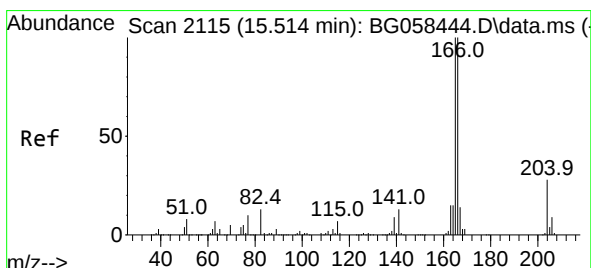
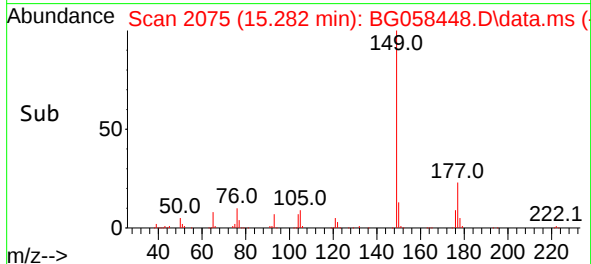
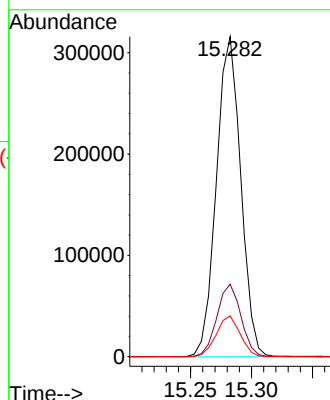
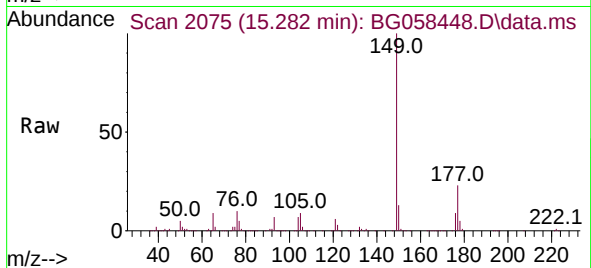
Tgt Ion:149 Resp: 43926  
 Ion Ratio Lower Upper  
 149 100  
 177 22.6 18.4 27.6  
 150 12.7 10.0 15.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/26/2023

Supervised By :mohammad ahmed 07/26/2023



#61

Fluorene

Concen: 38.698 ng/ul

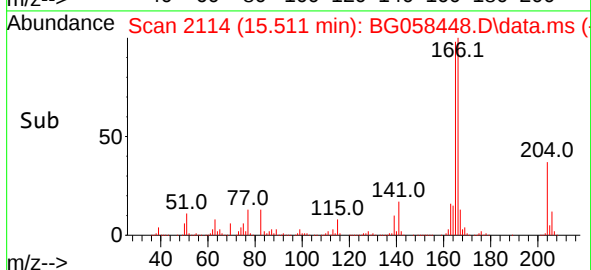
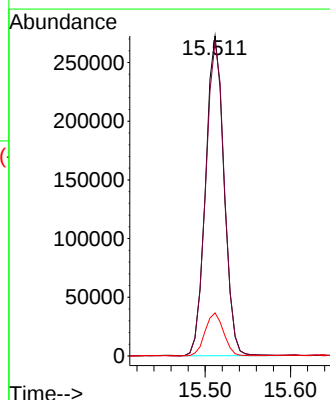
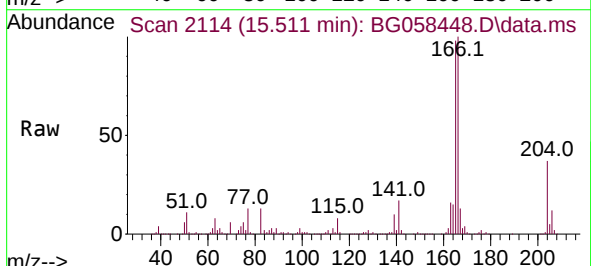
RT: 15.511 min Scan# 2114

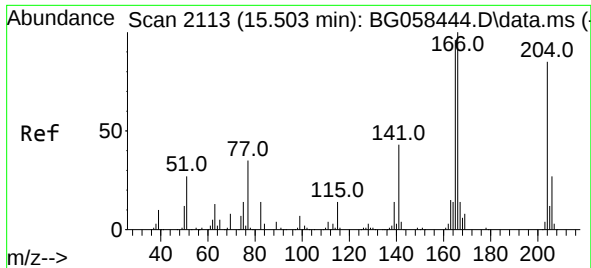
Delta R.T. -0.003 min

Lab File: BG058448.D

Acq: 25 Jul 2023 16:10

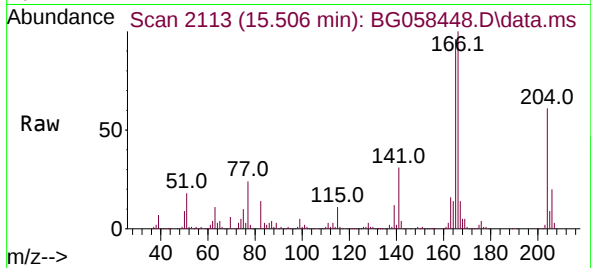
Tgt Ion:166 Resp: 407825  
 Ion Ratio Lower Upper  
 166 100  
 165 98.2 80.2 120.2  
 167 13.5 10.5 15.7





#62  
4-Chlorophenyl-phenylether  
Concen: 38.320 ng/ul  
RT: 15.506 min Scan# 2113  
Delta R.T. -0.003 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

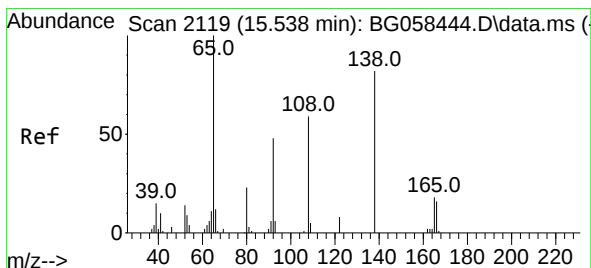
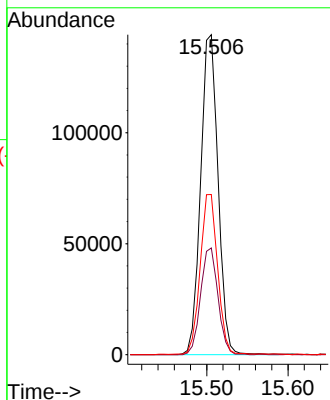
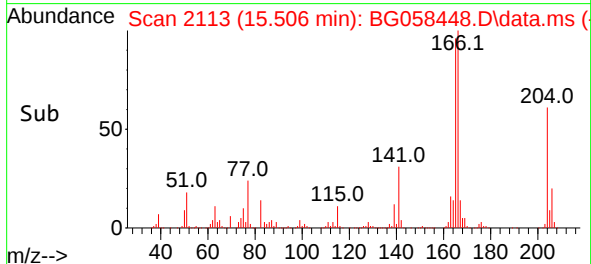
Instrument :  
BNA\_G  
ClientSampleId :  
A4737MS



Tgt Ion:204 Resp: 214392  
Ion Ratio Lower Upper  
204 100  
206 33.4 26.0 39.0  
141 50.0 42.2 63.2

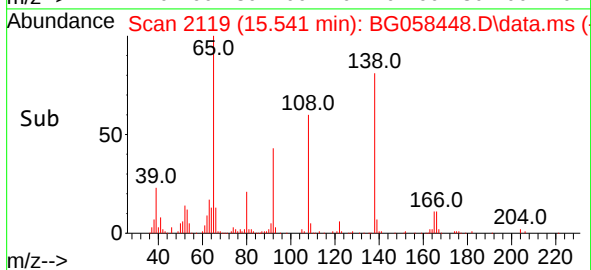
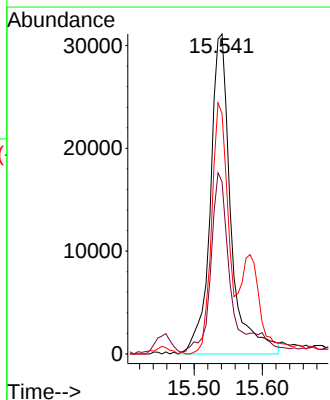
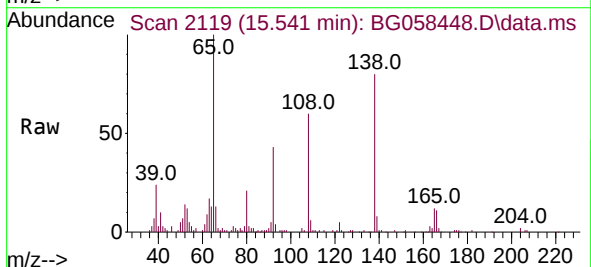
Manual Integrations  
APPROVED

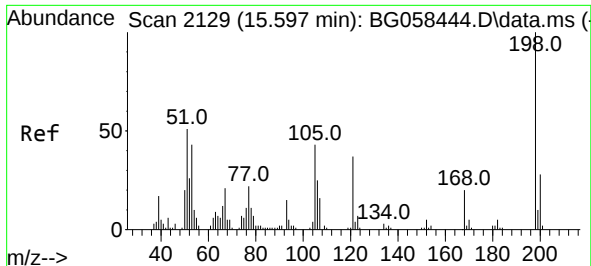
Reviewed By :Yogesh Patel 07/26/2023  
Supervised By :mohammad ahmed 07/26/2023



#63  
4-Nitroaniline  
Concen: 39.039 ng/ul  
RT: 15.541 min Scan# 2119  
Delta R.T. -0.003 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

Tgt Ion:138 Resp: 65661  
Ion Ratio Lower Upper  
138 100  
92 53.8 45.0 67.4  
108 75.1 60.8 91.2





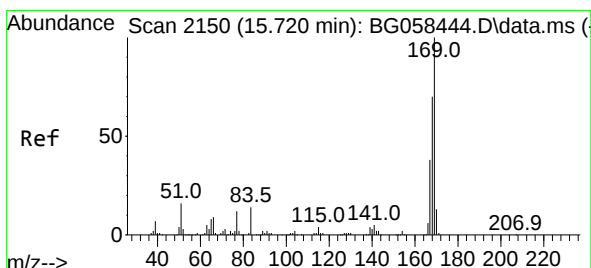
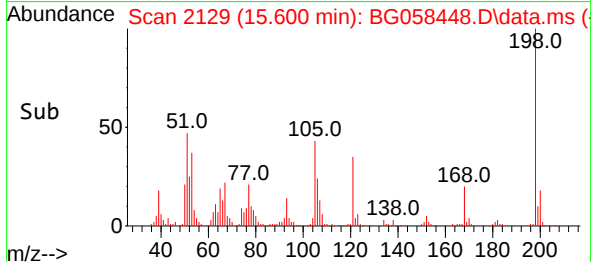
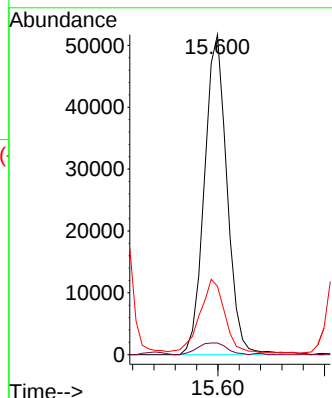
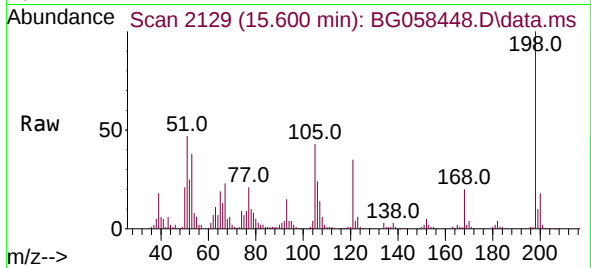
#66  
4,6-Dinitro-2-methylphenol  
Concen: 42.462 ng/ul  
RT: 15.600 min Scan# 2129  
Delta R.T. 0.002 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

Instrument :  
BNA\_G  
ClientSampleId :  
A4737MS

Tgt Ion:198 Resp: 7605  
Ion Ratio Lower Upper  
198 100  
182 3.6 3.4 5.2  
77 21.4 18.4 27.6

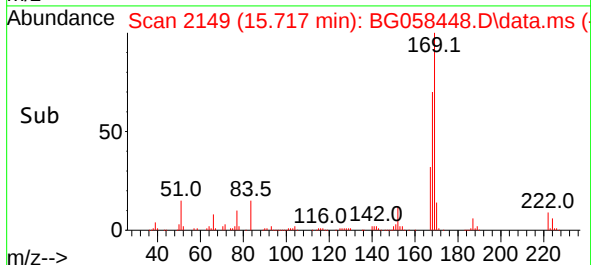
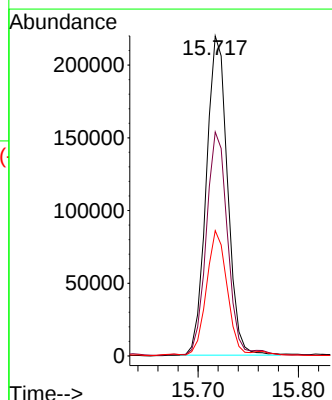
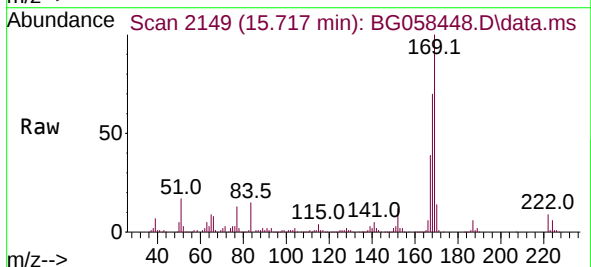
Manual Integrations  
APPROVED

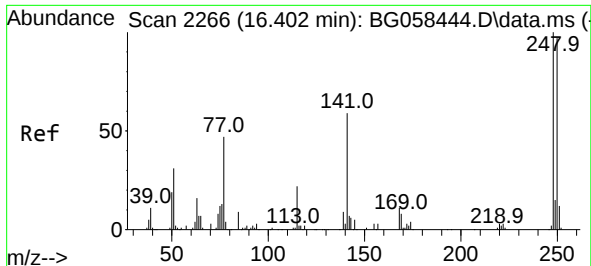
Reviewed By :Yogesh Patel 07/26/2023  
Supervised By :mohammad ahmed 07/26/2023



#67  
N-Nitrosodiphenylamine  
Concen: 37.986 ng/ul  
RT: 15.717 min Scan# 2149  
Delta R.T. -0.003 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

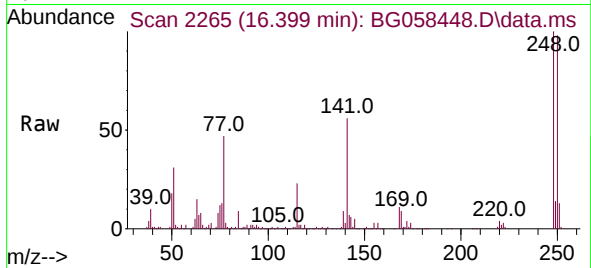
Tgt Ion:169 Resp: 321768  
Ion Ratio Lower Upper  
169 100  
168 70.0 55.7 83.5  
167 39.2 31.2 46.8





#68  
4-Bromophenyl-phenylether  
Concen: 42.028 ng/ul  
RT: 16.399 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

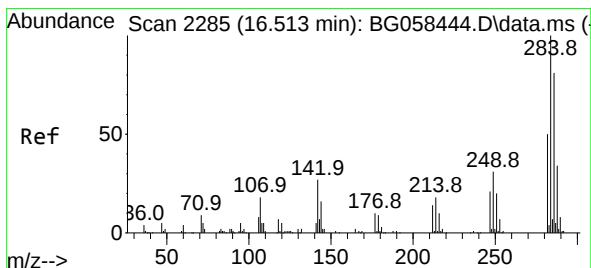
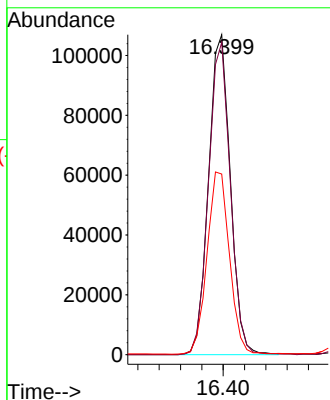
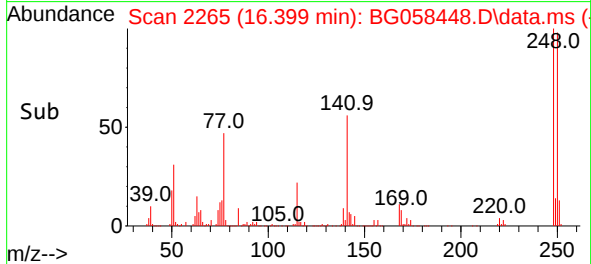
Instrument :  
BNA\_G  
ClientSampleId :  
A4737MS



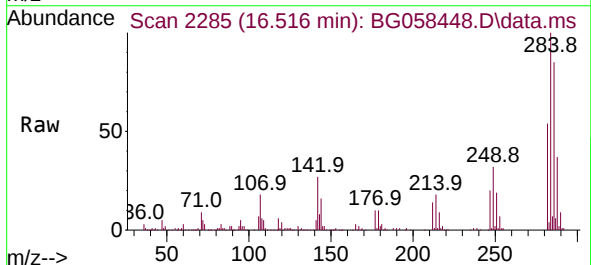
Tgt Ion:248 Resp: 152120  
Ion Ratio Lower Upper  
248 100  
250 97.6 73.8 110.6  
141 56.4 48.2 72.2

Manual Integrations  
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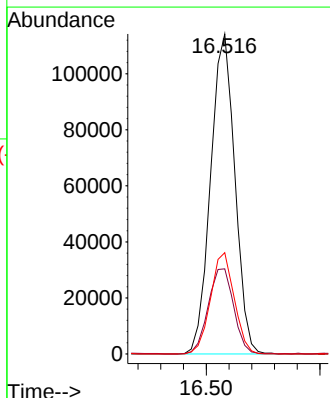
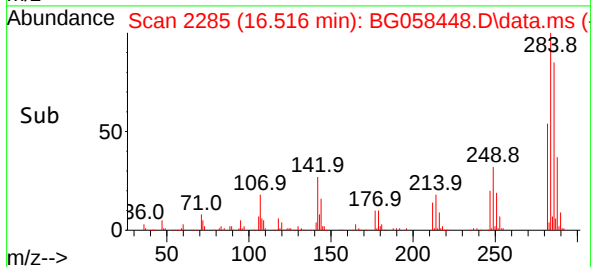
Reviewed By :Yogesh Patel 07/26/2023  
Supervised By :mohammad ahmed 07/26/2023

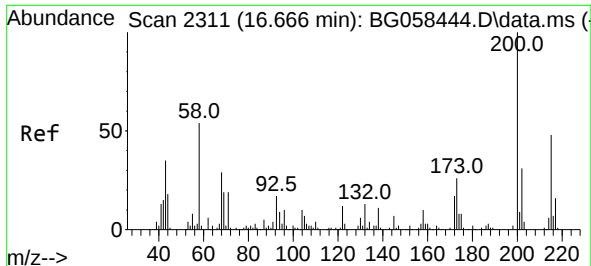


#69  
Hexachlorobenzene  
Concen: 41.400 ng/ul  
RT: 16.516 min Scan# 2285  
Delta R.T. -0.003 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10



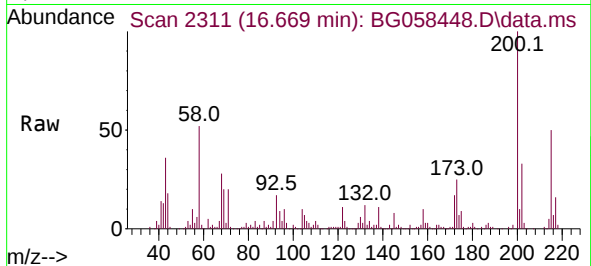
Tgt Ion:284 Resp: 169086  
Ion Ratio Lower Upper  
284 100  
142 26.6 20.5 30.7  
249 31.7 25.2 37.8





#70  
Atrazine  
Concen: 33.088 ng/ul  
RT: 16.669 min Scan# 21  
Delta R.T. 0.002 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

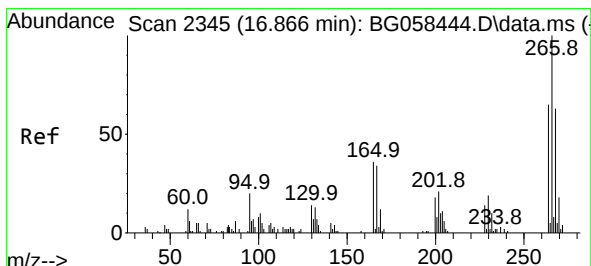
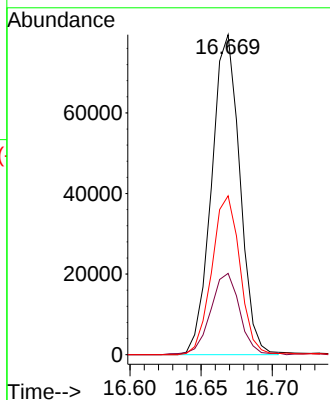
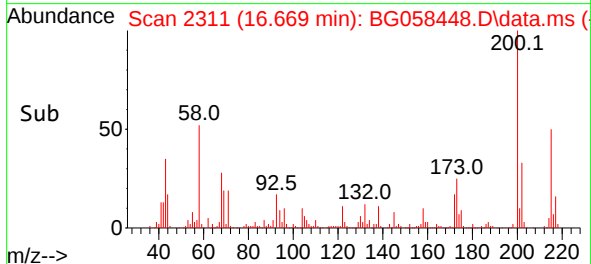
Instrument :  
BNA\_G  
ClientSampleId :  
A4737MS



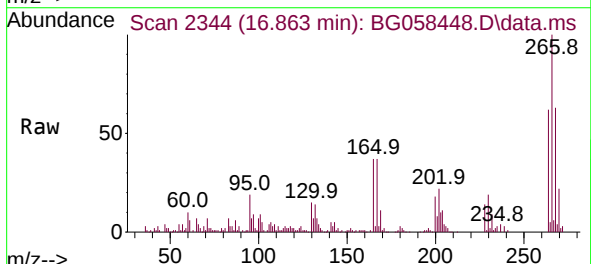
Tgt Ion:200 Resp: 109880  
Ion Ratio Lower Upper  
200 100  
173 25.4 19.8 29.8  
215 49.6 36.2 54.4

Manual Integrations  
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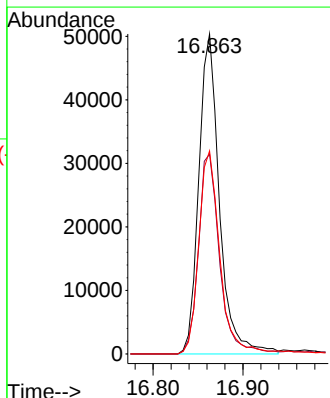
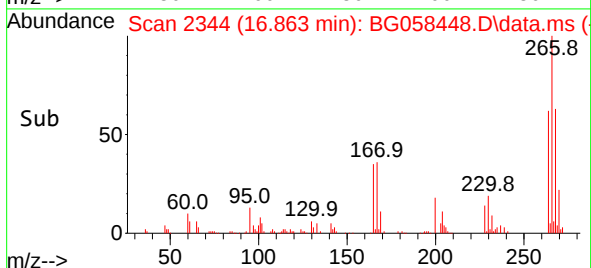
Reviewed By :Yogesh Patel 07/26/2023  
Supervised By :mohammad ahmed 07/26/2023

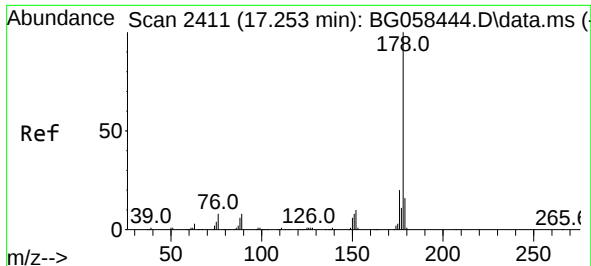


#71  
Pentachlorophenol  
Concen: 35.059 ng/ul  
RT: 16.863 min Scan# 2344  
Delta R.T. -0.003 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10



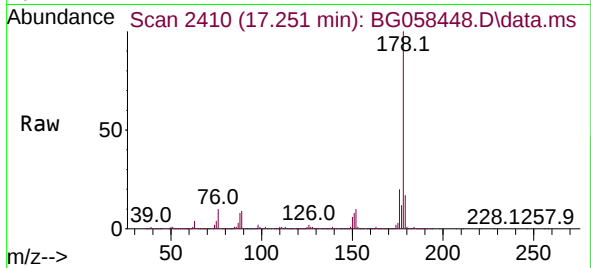
Tgt Ion:266 Resp: 80375  
Ion Ratio Lower Upper  
266 100  
264 62.5 46.6 70.0  
268 63.5 47.6 71.4





#72  
Phenanthrene  
Concen: 46.762 ng/ul  
RT: 17.251 min Scan# 2411  
Delta R.T. -0.003 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

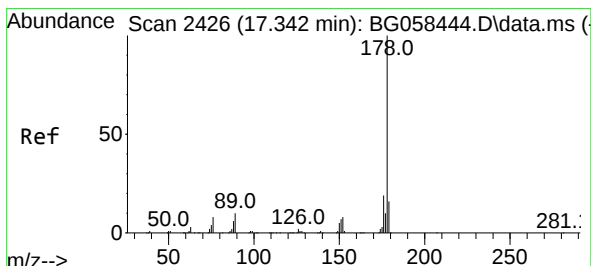
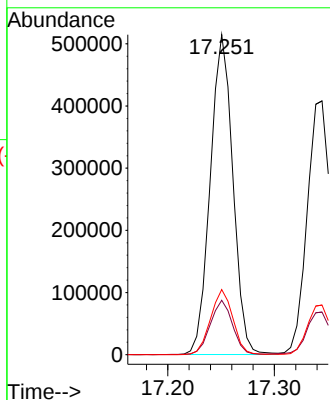
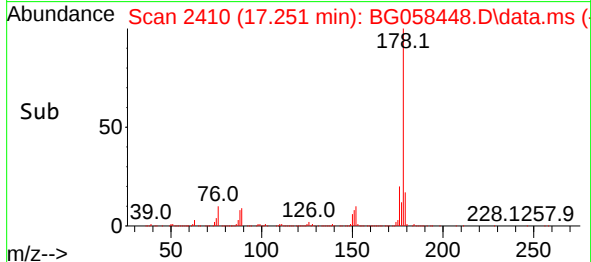
Instrument :  
BNA\_G  
ClientSampleId :  
A4737MS



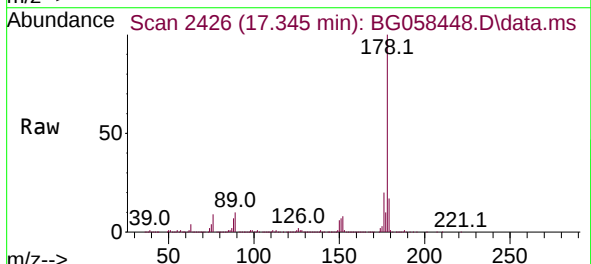
Tgt Ion:178 Resp: 75938  
Ion Ratio Lower Upper  
178 100  
179 17.0 11.9 17.9  
176 20.4 15.8 23.8

Manual Integrations  
APPROVED

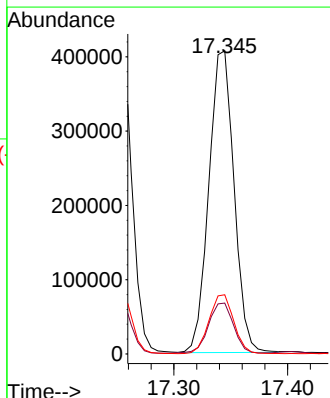
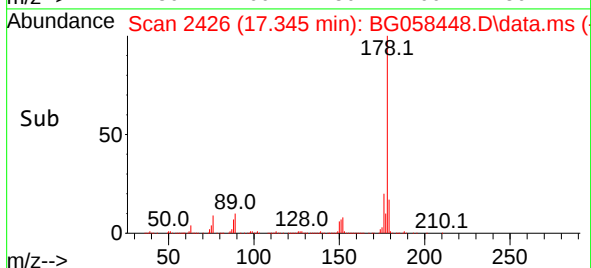
Reviewed By :Yogesh Patel 07/26/2023  
Supervised By :mohammad ahmed 07/26/2023

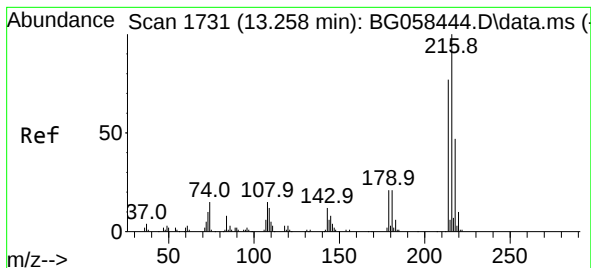


#74  
Anthracene  
Concen: 38.367 ng/ul  
RT: 17.345 min Scan# 2426  
Delta R.T. 0.002 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10



Tgt Ion:178 Resp: 625491  
Ion Ratio Lower Upper  
178 100  
179 16.8 13.4 20.2  
176 19.5 16.2 24.2





#75

1,2,3,4-Tetrachlorobenzene

Concen: 40.010 ng/uL

RT: 13.261 min Scan# 11

Delta R.T. -0.003 min

Lab File: BG058448.D

Acq: 25 Jul 2023 16:10

Instrument :

BNA\_G

ClientSampleId :

A4737MS

Tgt Ion:216 Resp: 17149

Ion Ratio Lower Upper

216 100

214 81.0 62.2 93.4

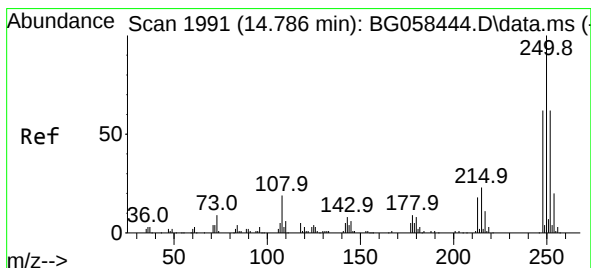
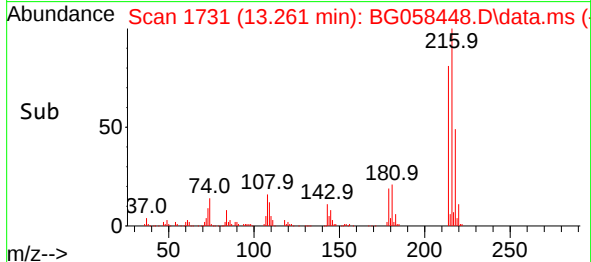
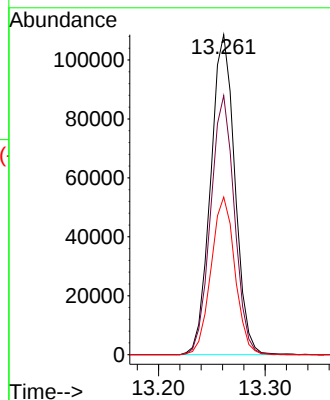
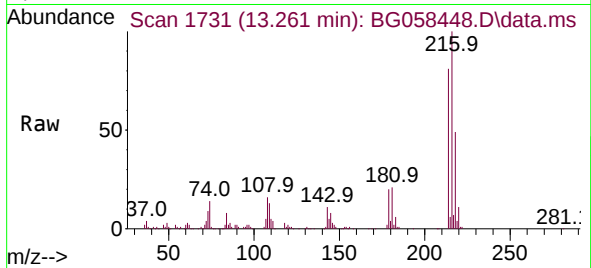
218 49.3 40.9 61.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/26/2023

Supervised By :mohammad ahmed 07/26/2023



#76

Pentachlorobenzene

Concen: 38.971 ng/uL

RT: 14.783 min Scan# 1990

Delta R.T. -0.003 min

Lab File: BG058448.D

Acq: 25 Jul 2023 16:10

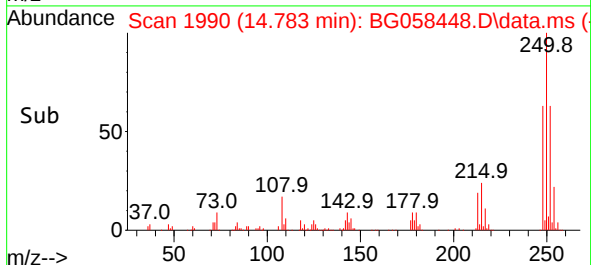
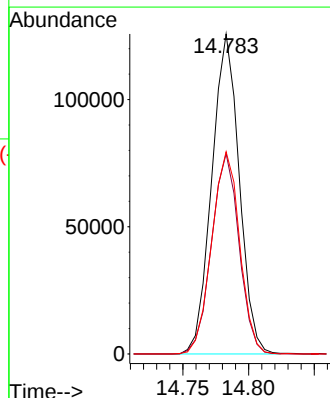
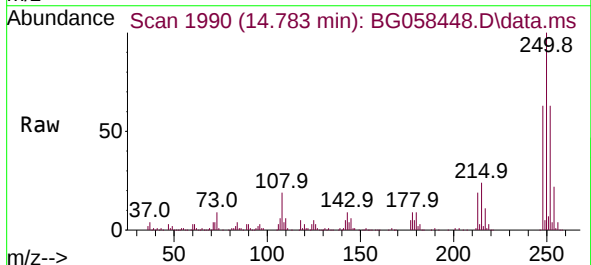
Tgt Ion:250 Resp: 182665

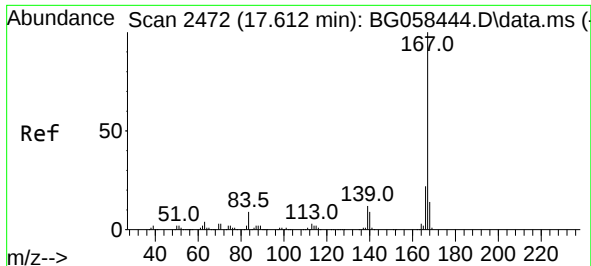
Ion Ratio Lower Upper

250 100

248 62.6 51.6 77.4

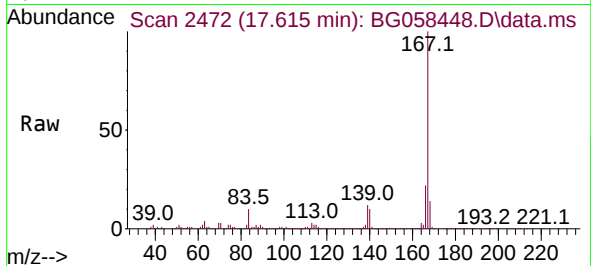
252 63.2 54.4 81.6





#77  
 Carbazole  
 Concen: 39.976 ng/ul  
 RT: 17.615 min Scan# 2472  
 Delta R.T. -0.003 min  
 Lab File: BG058448.D  
 Acq: 25 Jul 2023 16:10

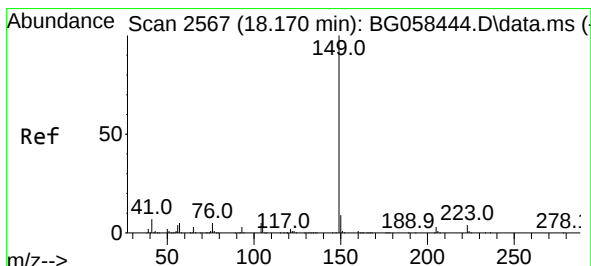
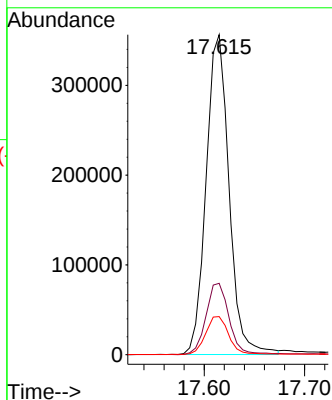
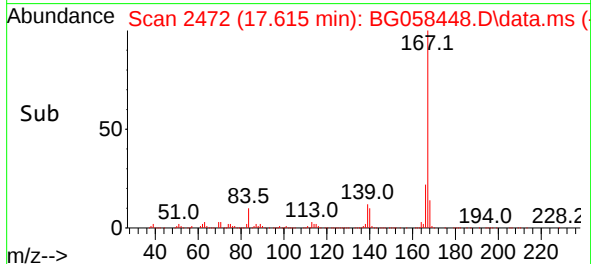
Instrument :  
 BNA\_G  
 ClientSampleId :  
 A4737MS



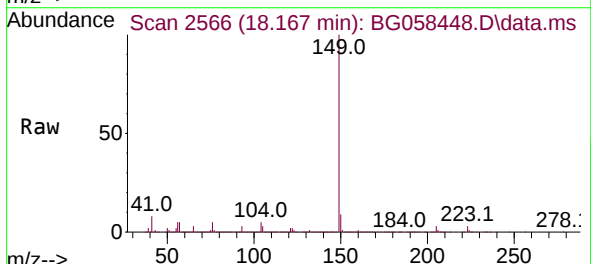
Tgt Ion:167 Resp: 564944  
 Ion Ratio Lower Upper  
 167 100  
 166 22.3 17.8 26.8  
 139 11.9 9.4 14.0

Manual Integrations  
 APPROVED

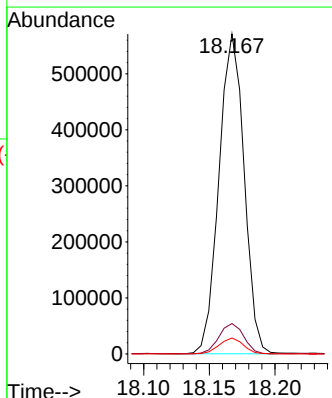
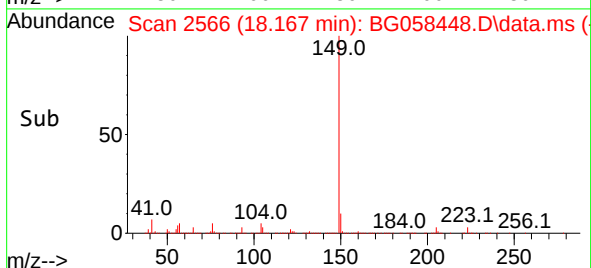
Reviewed By :Yogesh Patel 07/26/2023  
 Supervised By :mohammad ahmed 07/26/2023

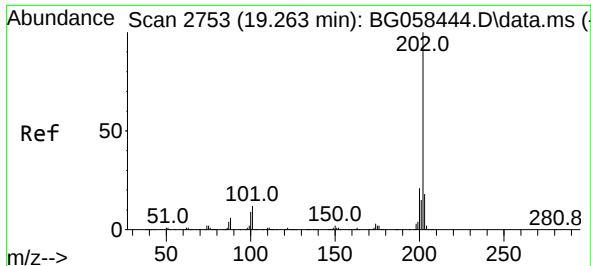


#78  
 Di-n-butylphthalate  
 Concen: 42.311 ng/ul  
 RT: 18.167 min Scan# 2566  
 Delta R.T. -0.003 min  
 Lab File: BG058448.D  
 Acq: 25 Jul 2023 16:10



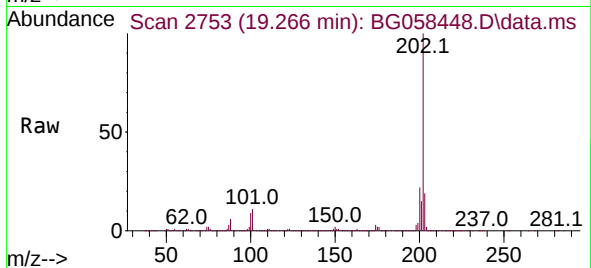
Tgt Ion:149 Resp: 759796  
 Ion Ratio Lower Upper  
 149 100  
 150 9.5 7.2 10.8  
 104 5.0 3.9 5.9





#80  
Fluoranthene  
Concen: 51.571 ng/u1  
RT: 19.266 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

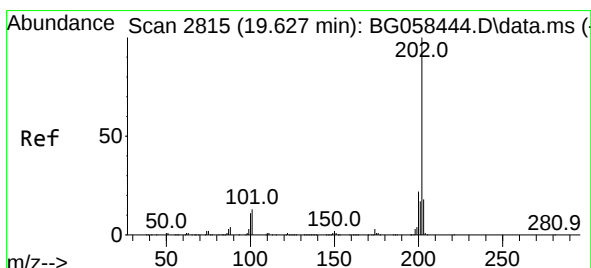
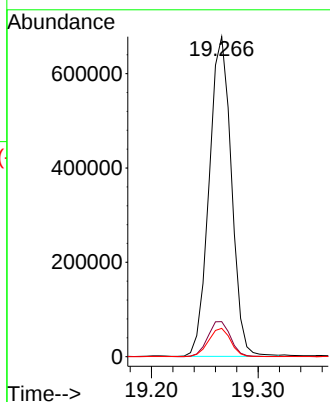
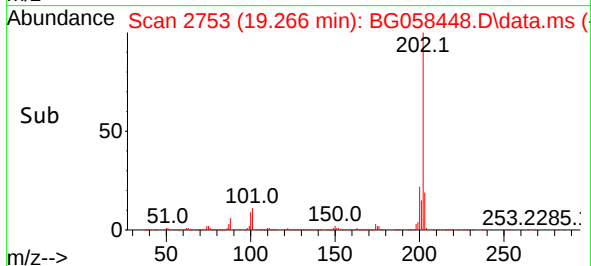
Instrument :  
BNA\_G  
ClientSampleId :  
A4737MS



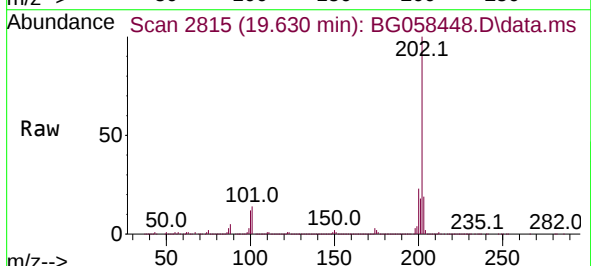
Tgt Ion:202 Resp: 982658  
Ion Ratio Lower Upper  
202 100  
101 10.9 8.6 12.8  
100 8.9 7.2 10.8

Manual Integrations  
APPROVED

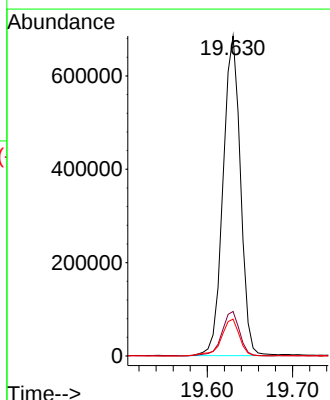
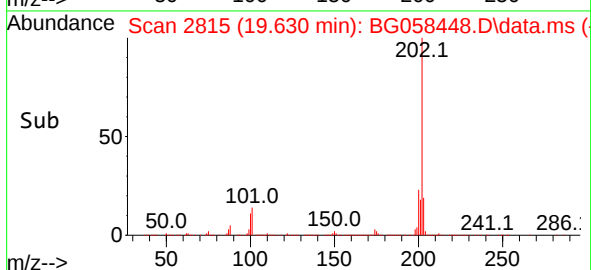
Reviewed By :Yogesh Patel 07/26/2023  
Supervised By :mohammad ahmed 07/26/2023

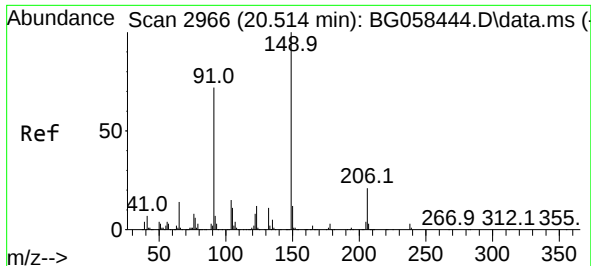


#82  
Pyrene  
Concen: 50.387 ng/u1  
RT: 19.630 min Scan# 2815  
Delta R.T. 0.002 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10



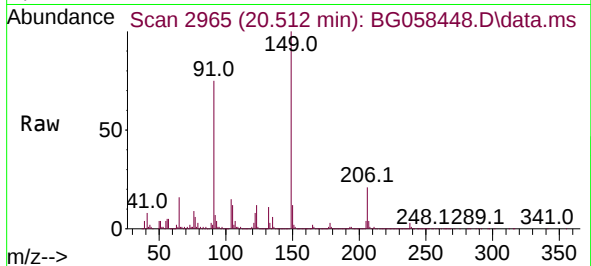
Tgt Ion:202 Resp: 972812  
Ion Ratio Lower Upper  
202 100  
101 13.9 10.2 15.2  
100 11.5 8.9 13.3





#83  
Butylbenzylphthalate  
Concen: 44.113 ng/ul  
RT: 20.512 min Scan# 2965  
Delta R.T. -0.003 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

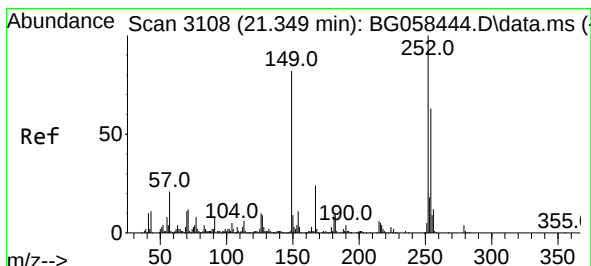
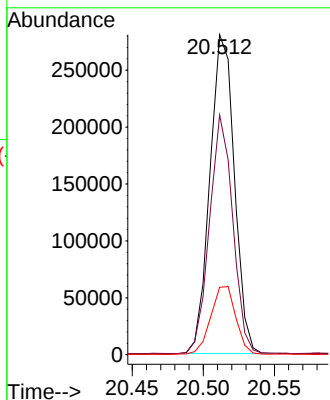
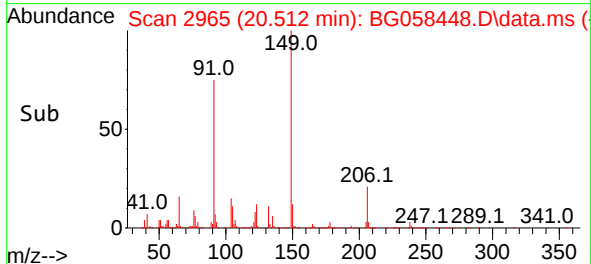
Instrument :  
BNA\_G  
ClientSampleId :  
A4737MS



Tgt Ion:149 Resp: 335360  
Ion Ratio Lower Upper  
149 100  
91 74.9 59.9 89.9  
206 21.0 16.9 25.3

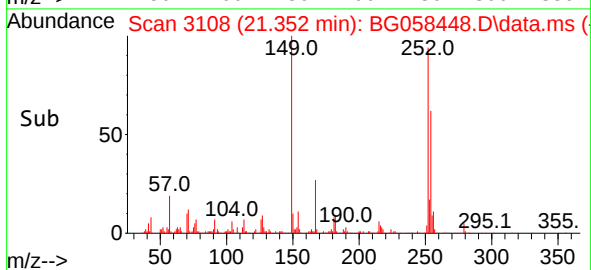
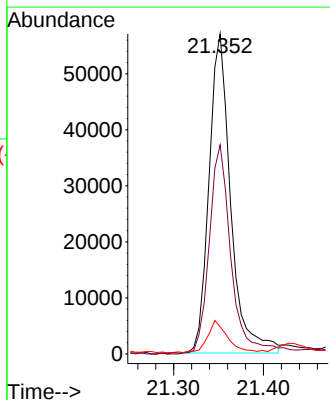
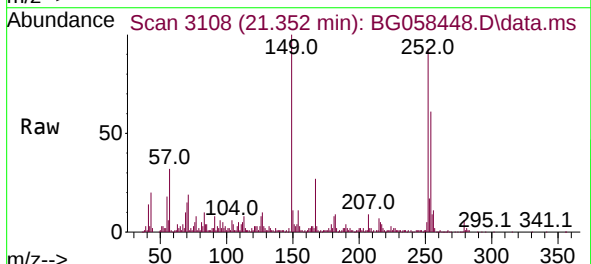
Manual Integrations  
APPROVED

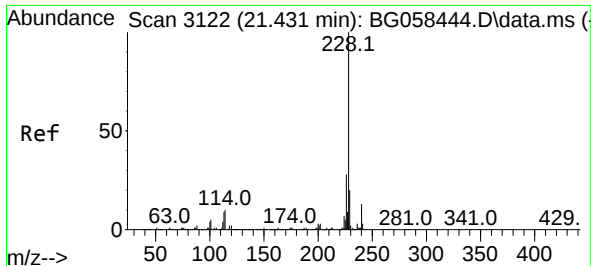
Reviewed By :Yogesh Patel 07/26/2023  
Supervised By :mohammad ahmed 07/26/2023



#84  
3,3'-Dichlorobenzidine  
Concen: 15.180 ng/ul  
RT: 21.352 min Scan# 3108  
Delta R.T. -0.003 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

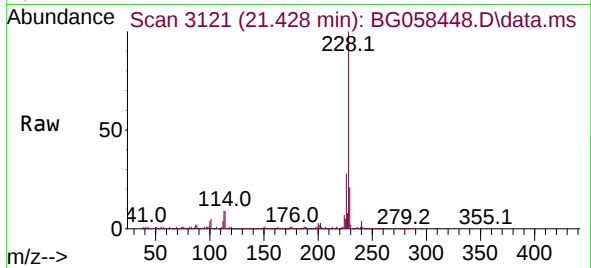
Tgt Ion:252 Resp: 95424  
Ion Ratio Lower Upper  
252 100  
254 65.4 50.5 75.7  
126 8.5 6.5 9.7





#85  
Benzo(a)anthracene  
Concen: 46.886 ng/ul  
RT: 21.428 min Scan# 3122  
Delta R.T. -0.003 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

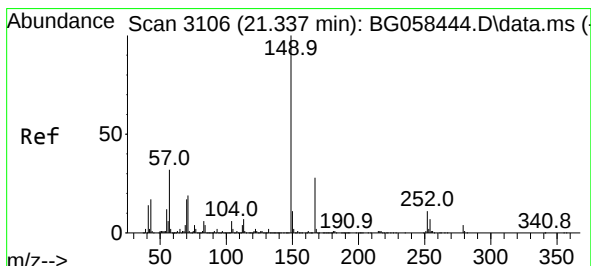
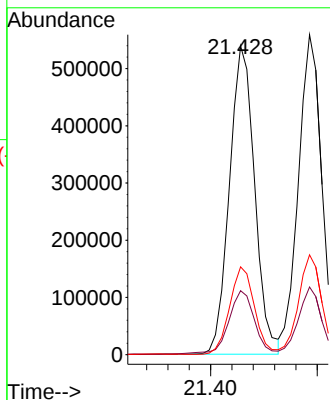
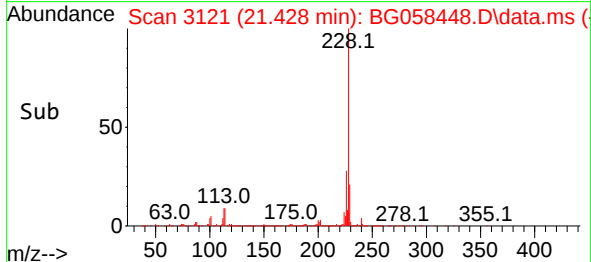
Instrument :  
BNA\_G  
ClientSampleId :  
A4737MS



Tgt Ion:228 Resp: 887460  
Ion Ratio Lower Upper  
228 100  
229 20.7 15.7 23.5  
226 28.5 21.8 32.8

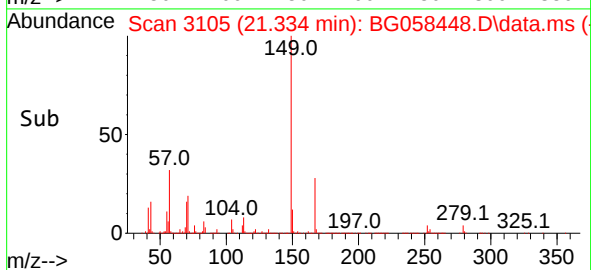
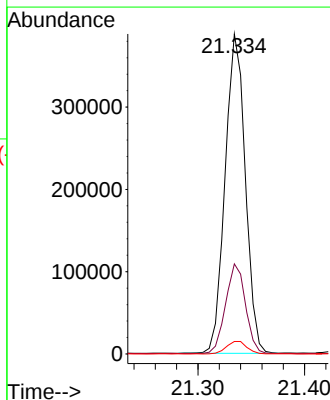
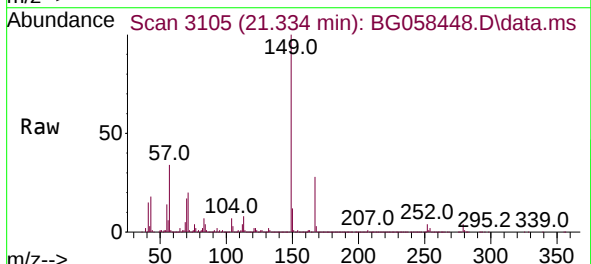
Manual Integrations  
APPROVED

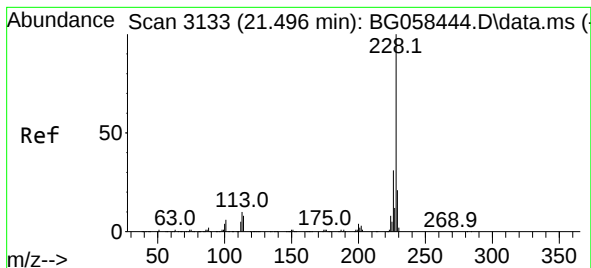
Reviewed By :Yogesh Patel 07/26/2023  
Supervised By :mohammad ahmed 07/26/2023



#86  
Bis(2-ethylhexyl)phthalate  
Concen: 47.246 ng/ul  
RT: 21.334 min Scan# 3105  
Delta R.T. -0.003 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

Tgt Ion:149 Resp: 510887  
Ion Ratio Lower Upper  
149 100  
167 28.2 21.6 32.4  
279 3.9 3.0 4.4





#87

Chrysene

Concen: 47.716 ng/ul

RT: 21.493 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG058448.D

Acq: 25 Jul 2023 16:10

Instrument :

BNA\_G

ClientSampleId :

A4737MS

Tgt Ion:228 Resp: 85668

Ion Ratio Lower Upper

228 100

226 31.2 24.0 36.0

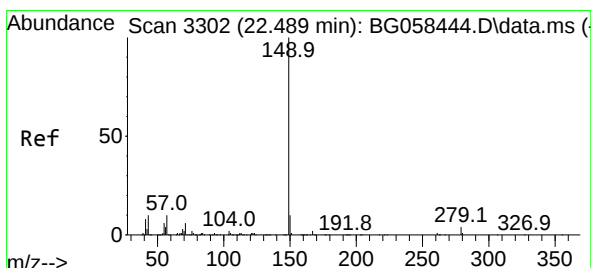
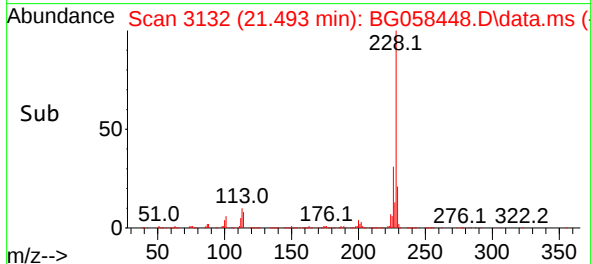
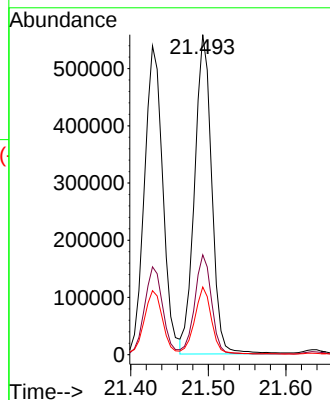
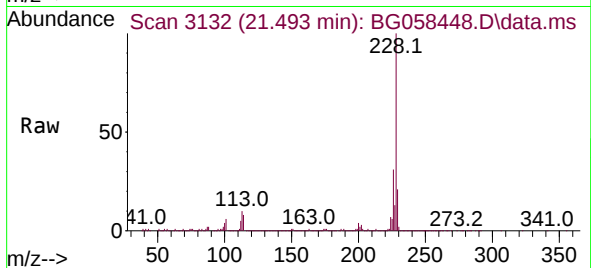
229 21.2 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/26/2023

Supervised By :mohammad ahmed 07/26/2023



#89

Di-n-octyl phthalate

Concen: 45.690 ng/ul

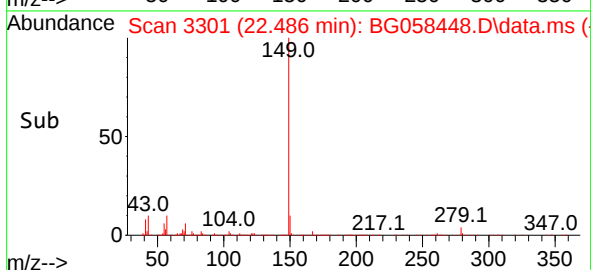
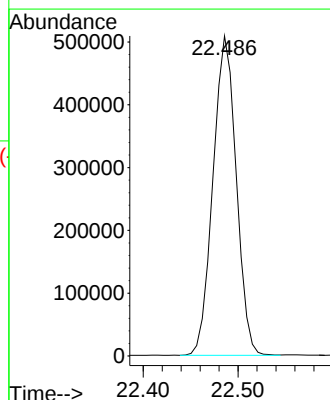
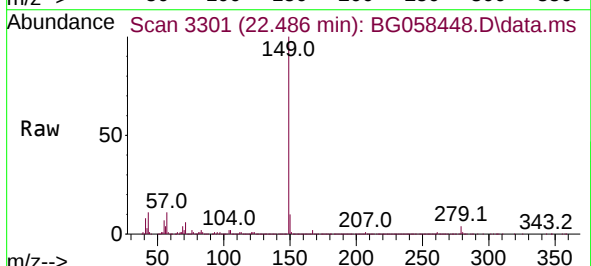
RT: 22.486 min Scan# 3301

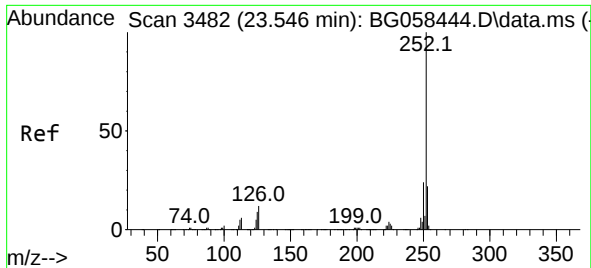
Delta R.T. -0.003 min

Lab File: BG058448.D

Acq: 25 Jul 2023 16:10

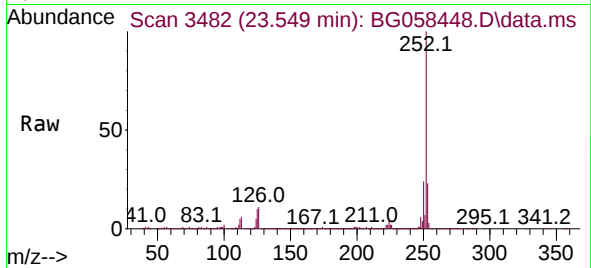
Tgt Ion:149 Resp: 867206





#90  
Benzo(b)fluoranthene  
Concen: 46.417 ng/ul  
RT: 23.549 min Scan# 3482  
Delta R.T. 0.002 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

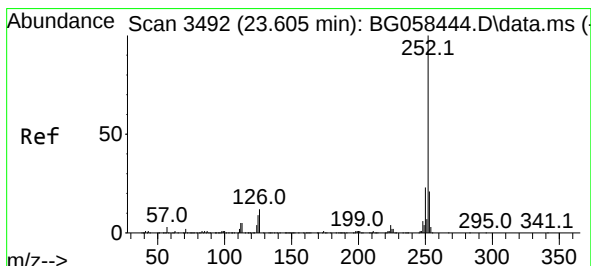
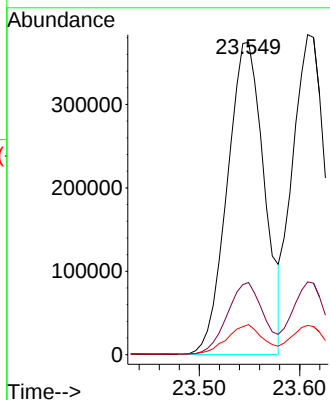
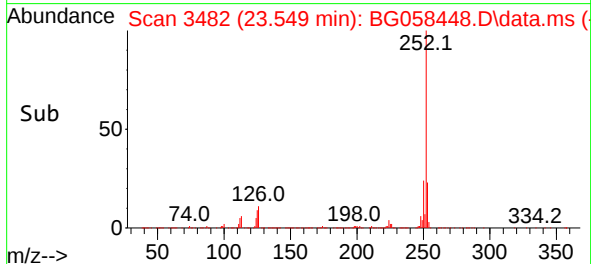
Instrument :  
BNA\_G  
ClientSampleId :  
A4737MS



Tgt Ion:252 Resp: 95802  
Ion Ratio Lower Upper  
252 100  
253 23.1 17.9 26.9  
125 9.6 6.7 10.1

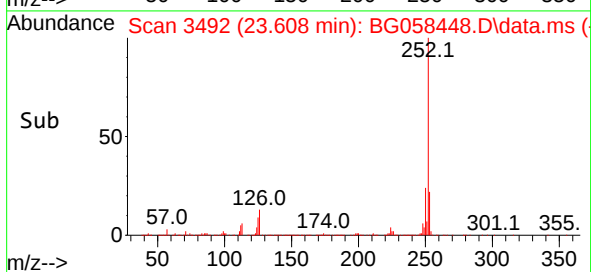
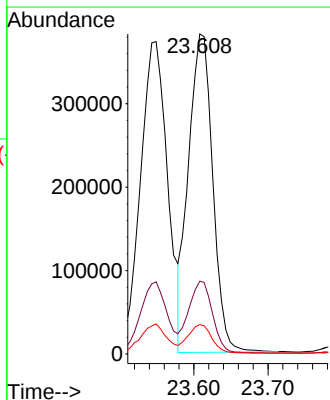
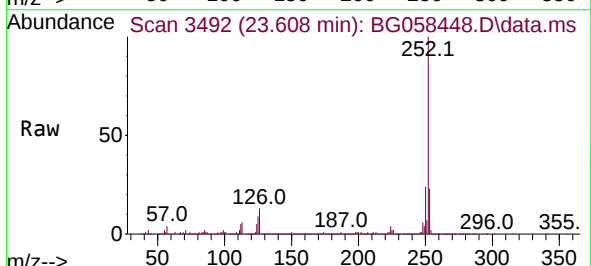
Manual Integrations  
APPROVED

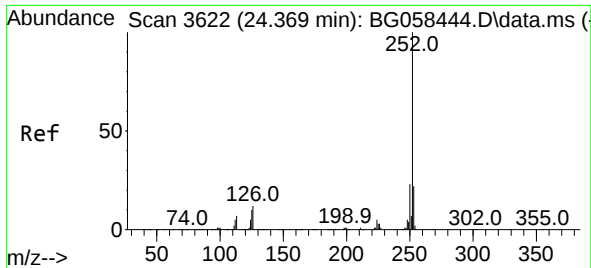
Reviewed By :Yogesh Patel 07/26/2023  
Supervised By :mohammad ahmed 07/26/2023



#91  
Benzo(k)fluoranthene  
Concen: 42.223 ng/ul  
RT: 23.608 min Scan# 3492  
Delta R.T. -0.003 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

Tgt Ion:252 Resp: 869150  
Ion Ratio Lower Upper  
252 100  
253 22.8 18.3 27.5  
125 9.1 7.4 11.0





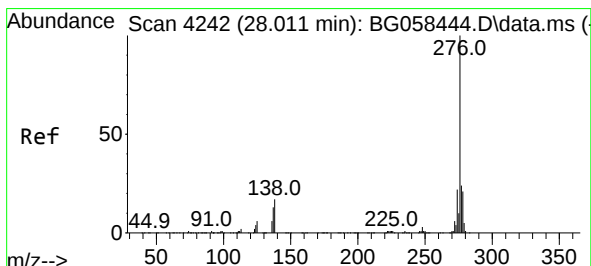
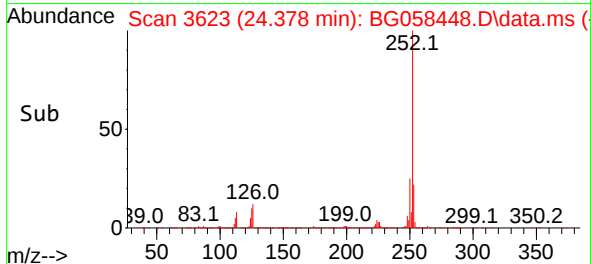
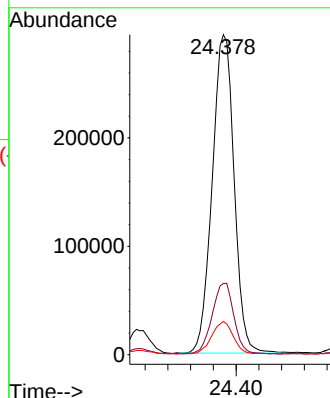
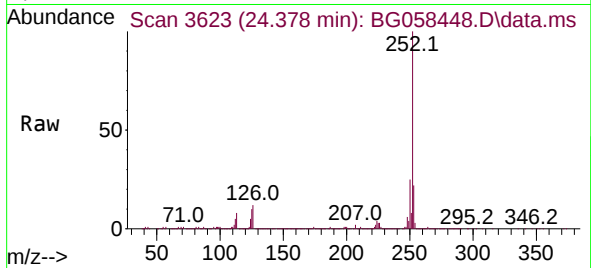
#93  
Benzo(a)pyrene  
Concen: 42.783 ng/ul  
RT: 24.378 min Scan# 3623  
Delta R.T. 0.002 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

Instrument :  
BNA\_G  
ClientSampleId :  
A4737MS

Tgt Ion:252 Resp: 785392  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.4 26.0  
125 10.4 7.7 11.5

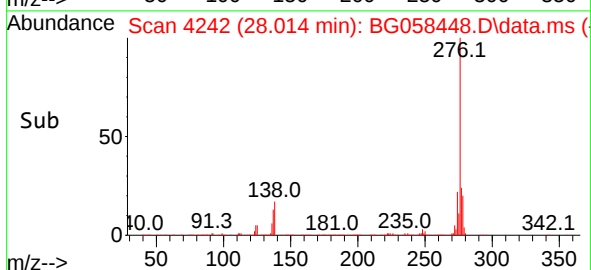
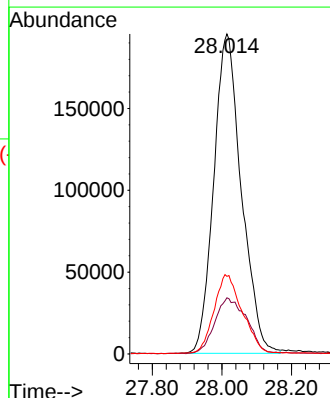
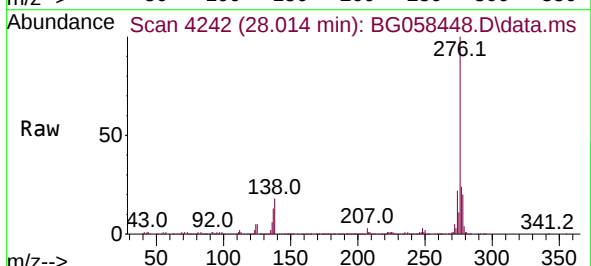
Manual Integrations  
APPROVED

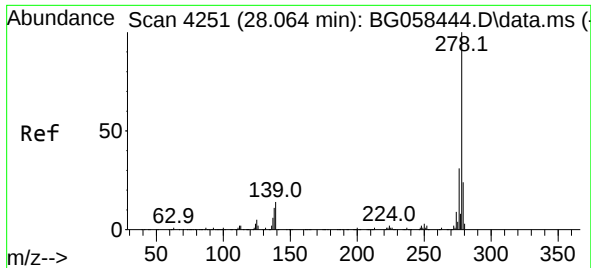
Reviewed By :Yogesh Patel 07/26/2023  
Supervised By :mohammad ahmed 07/26/2023



#94  
Indeno(1,2,3-cd)pyrene  
Concen: 44.437 ng/ul  
RT: 28.014 min Scan# 4242  
Delta R.T. 0.002 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

Tgt Ion:276 Resp: 1074791  
Ion Ratio Lower Upper  
276 100  
138 17.6 13.8 20.6  
277 24.2 19.2 28.8





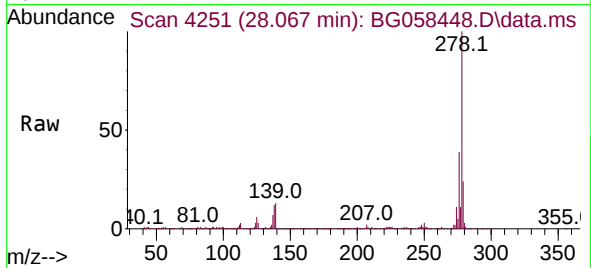
#95  
Dibenzo(a,h)anthracene  
Concen: 42.685 ng/ul  
RT: 28.067 min Scan# 41  
Delta R.T. -0.003 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10

Instrument :

BNA\_G

ClientSampleId :

A4737MS



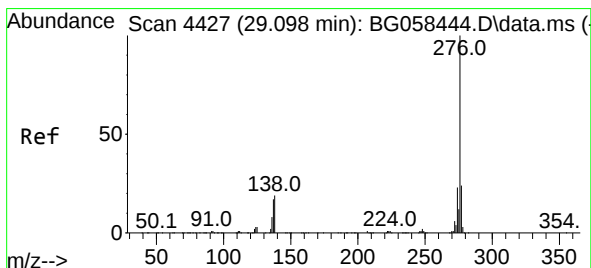
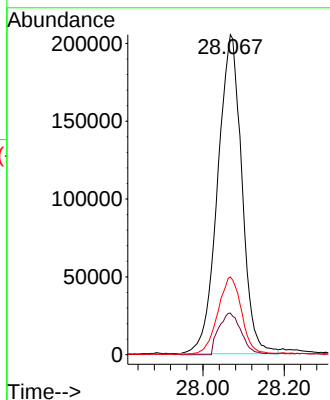
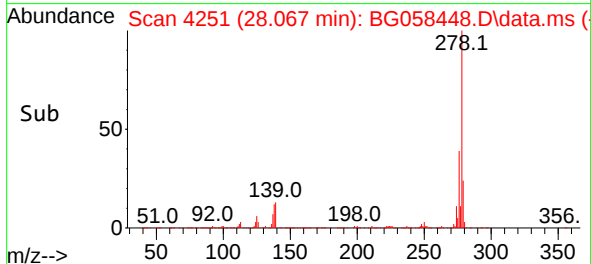
Tgt Ion:278 Resp: 846589  
Ion Ratio Lower Upper  
278 100  
139 13.0 10.4 15.6  
279 24.3 18.4 27.6

Manual Integrations

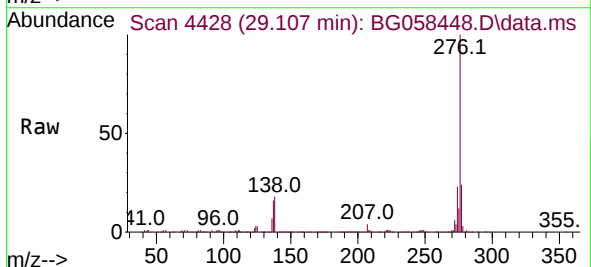
APPROVED

Reviewed By :Yogesh Patel 07/26/2023

Supervised By :mohammad ahmed 07/26/2023



#96  
Benzo(g,h,i)perylene  
Concen: 41.228 ng/ul  
RT: 29.107 min Scan# 4428  
Delta R.T. -0.003 min  
Lab File: BG058448.D  
Acq: 25 Jul 2023 16:10



Tgt Ion:276 Resp: 812441  
Ion Ratio Lower Upper  
276 100  
138 18.3 13.5 20.3  
277 24.1 19.4 29.2

