

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG011824\  
 Data File : BG060352.D  
 Acq On : 18 Jan 2024 14:43  
 Operator : MA/JU  
 Sample : PB158482BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

PB158482BS

## Manual Integrations

## APPROVED

Reviewed By :Jagrut Upadhyay 01/23/2024  
 Supervised By :mohammad ahmed 01/24/2024

Quant Time: Jan 18 15:17:03 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG010824.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Jan 09 04:07:12 2024

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.928  | 152  | 225041   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.731 | 136  | 940587   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.568 | 164  | 748871   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.311 | 188  | 1930284  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.577 | 240  | 1791593  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.738 | 264  | 1869177  | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.502  | 112  | 1896804  | 138.634 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.094  | 99   | 2767661  | 136.607 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.092  | 82   | 1611274  | 80.890  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.060 | 330  | 1457384  | 132.272 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.187 | 172  | 3876358  | 71.967  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.932 | 244  | 5766037  | 79.075  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.404  | 88   | 192127   | 30.741  | ng    | 98       |
| 3) Pyridine                   | 3.792  | 79   | 479432   | 27.189  | ng    | 95       |
| 4) n-Nitrosodimethylamine     | 3.716  | 42   | 207889   | 37.670  | ng    | # 94     |
| 6) Aniline                    | 7.253  | 93   | 568906   | 28.093  | ng    | 100      |
| 8) 2-Chlorophenol             | 7.494  | 128  | 624383   | 46.047  | ng    | 95       |
| 9) Benzaldehyde               | 7.070  | 77   | 275694   | 23.707  | ng    | 97       |
| 10) Phenol                    | 7.123  | 94   | 1008880  | 49.666  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.347  | 93   | 681423   | 41.168  | ng    | 95       |
| 12) 1,3-Dichlorobenzene       | 7.817  | 146  | 662549   | 38.928  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.964  | 146  | 670799   | 38.845  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.281  | 146  | 664039   | 37.396  | ng    | 97       |
| 15) Benzyl Alcohol            | 8.163  | 79   | 628766m  | 47.944  | ng    |          |
| 16) 2,2'-oxybis(1-Chloropr... | 8.457  | 45   | 786954m  | 39.171  | ng    |          |
| 17) 2-Methylphenol            | 8.369  | 107  | 634955   | 45.510  | ng    | 98       |
| 18) Hexachloroethane          | 9.009  | 117  | 227172   | 37.520  | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 8.727  | 70   | 594142   | 42.372  | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.698  | 107  | 894189   | 47.534  | ng    | 95       |
| 22) Acetophenone              | 8.751  | 105  | 1124001  | 43.473  | ng    | # 98     |
| 24) Nitrobenzene              | 9.133  | 77   | 810461   | 39.249  | ng    | 95       |
| 25) Isophorone                | 9.650  | 82   | 1651838  | 41.293  | ng    | 97       |
| 26) 2-Nitrophenol             | 9.844  | 139  | 348442   | 45.894  | ng    | 98       |
| 27) 2,4-Dimethylphenol        | 9.902  | 122  | 568081   | 56.626  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 10.137 | 93   | 1005874  | 41.154  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.378 | 162  | 759047   | 46.690  | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 10.596 | 180  | 777815   | 38.457  | ng    | 96       |
| 31) Naphthalene               | 10.784 | 128  | 1961540  | 39.784  | ng    | 99       |
| 32) Benzoic acid              | 10.038 | 122  | 383080m  | 44.251  | ng    |          |
| 33) 4-Chloroaniline           | 10.895 | 127  | 429395   | 22.603  | ng    | 94       |
| 34) Hexachlorobutadiene       | 11.066 | 225  | 475155   | 36.064  | ng    | 92       |
| 35) Caprolactam               | 11.659 | 113  | 267939m  | 51.171  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 12.012 | 107  | 785467   | 47.559  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.388 | 142  | 1471043  | 40.228  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.611 | 142  | 1455988  | 39.652  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.758 | 216  | 1012125  | 38.055  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.734 | 237  | 959972   | 108.715 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 12.999 | 196  | 705280   | 41.669  | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG011824\  
 Data File : BG060352.D  
 Acq On : 18 Jan 2024 14:43  
 Operator : MA/JU  
 Sample : PB158482BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

PB158482BS

## Manual Integrations

## APPROVED

Reviewed By :Jagrut Upadhyay 01/23/2024  
 Supervised By :mohammad ahmed 01/24/2024

Quant Time: Jan 18 15:17:03 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG010824.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

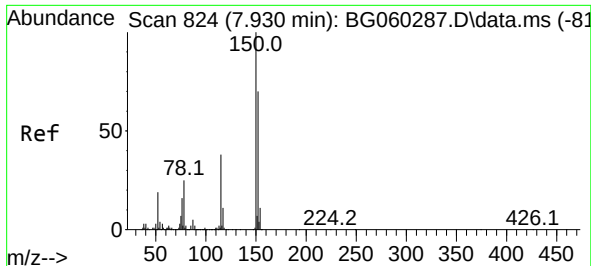
QLast Update : Tue Jan 09 04:07:12 2024

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.075 | 196  | 806263   | 43.188  | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.398 | 154  | 2198432  | 38.891  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.439 | 162  | 1839056  | 37.976  | ng    | 100      |
| 48) 2-Nitroaniline            | 13.651 | 65   | 585326   | 48.534  | ng    | 97       |
| 49) Acenaphthylene            | 14.291 | 152  | 2962260  | 44.421  | ng    | 99       |
| 50) Dimethylphthalate         | 14.021 | 163  | 2451865  | 42.844  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.139 | 165  | 544157   | 44.562  | ng    | 90       |
| 52) Acenaphthene              | 14.632 | 154  | 1661814  | 40.020  | ng    | 98       |
| 53) 3-Nitroaniline            | 14.474 | 138  | 387065   | 34.787  | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 14.679 | 184  | 694589   | 92.332  | ng    | 94       |
| 55) Dibenzofuran              | 14.967 | 168  | 2901369  | 41.856  | ng    | 97       |
| 56) 4-Nitrophenol             | 14.785 | 139  | 919919   | 111.463 | ng    | 98       |
| 57) 2,4-Dinitrotoluene        | 14.926 | 165  | 773561   | 46.196  | ng    | 97       |
| 58) Fluorene                  | 15.613 | 166  | 2430122  | 42.334  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.190 | 232  | 765974   | 48.318  | ng    | 99       |
| 60) Diethylphthalate          | 15.384 | 149  | 2400135  | 43.686  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.608 | 204  | 1302423  | 41.187  | ng    | 98       |
| 62) 4-Nitroaniline            | 15.643 | 138  | 527990   | 44.585  | ng    | 98       |
| 63) Azobenzene                | 15.901 | 77   | 2387804  | 42.970  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.690 | 198  | 476834   | 44.653  | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 15.819 | 169  | 2201155  | 42.946  | ng    | 100      |
| 67) 4-Bromophenyl-phenylether | 16.501 | 248  | 855428   | 40.331  | ng    | 96       |
| 68) Hexachlorobenzene         | 16.618 | 284  | 1006500  | 40.089  | ng    | 99       |
| 69) Atrazine                  | 16.765 | 200  | 666965   | 34.511  | ng    | 99       |
| 70) Pentachlorophenol         | 16.965 | 266  | 1254314  | 92.686  | ng    | 95       |
| 71) Phenanthrene              | 17.358 | 178  | 3958615  | 42.428  | ng    | 98       |
| 72) Anthracene                | 17.447 | 178  | 3998943  | 42.929  | ng    | 99       |
| 73) Carbazole                 | 17.717 | 167  | 3675253  | 41.850  | ng    | 100      |
| 74) Di-n-butylphthalate       | 18.275 | 149  | 3791432  | 41.960  | ng    | 98       |
| 75) Fluoranthene              | 19.368 | 202  | 4484812  | 40.020  | ng    | 99       |
| 77) Benzidine                 | 19.556 | 184  | 1271549  | 32.669  | ng    | 98       |
| 78) Pyrene                    | 19.732 | 202  | 4633689  | 40.501  | ng    | 100      |
| 80) Butylbenzylphthalate      | 20.619 | 149  | 1826733  | 46.408  | ng    | 100      |
| 81) Benzo(a)anthracene        | 21.559 | 228  | 4647933  | 41.906  | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.477 | 252  | 1609523  | 37.893  | ng    | 99       |
| 83) Chrysene                  | 21.624 | 228  | 4445460  | 40.753  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.465 | 149  | 2640135  | 44.387  | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.652 | 149  | 4387489  | 45.519  | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 28.346 | 276  | 5988892  | 46.081  | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 23.739 | 252  | 4971644  | 45.024  | ng    | 97       |
| 89) Benzo(k)fluoranthene      | 23.804 | 252  | 4911244  | 45.071  | ng    | 98       |
| 90) Benzo(a)pyrene            | 24.591 | 252  | 4486828  | 44.980  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.410 | 278  | 4949771  | 46.635  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 29.480 | 276  | 4785016  | 43.987  | ng    | 99       |

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





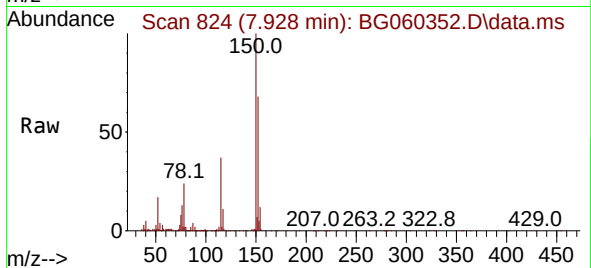
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.928 min Scan# 81  
Delta R.T. -0.002 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Instrument :

BNA\_G

ClientSampleId :

PB158482BS

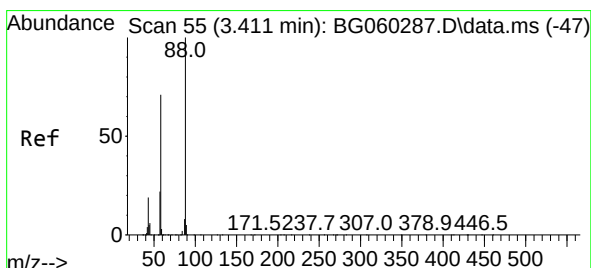
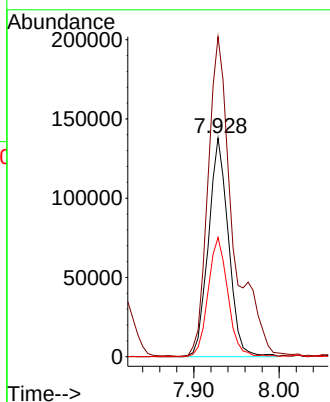
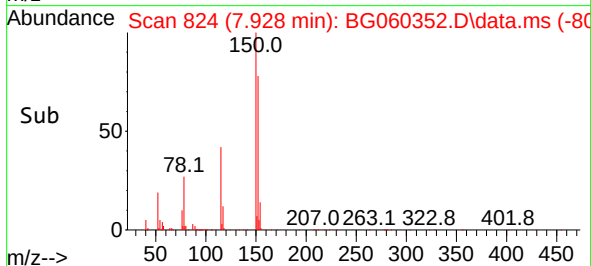


Tgt Ion:152 Resp: 22504  
Ion Ratio Lower Upper  
152 100  
150 146.3 114.5 171.7  
115 54.5 43.0 64.6

Manual Integrations

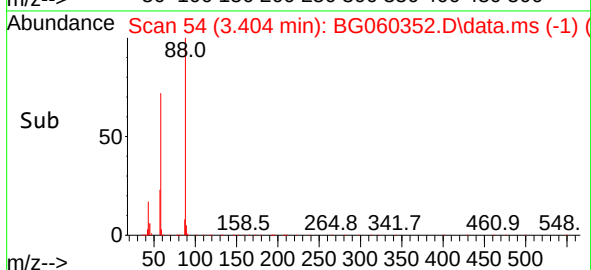
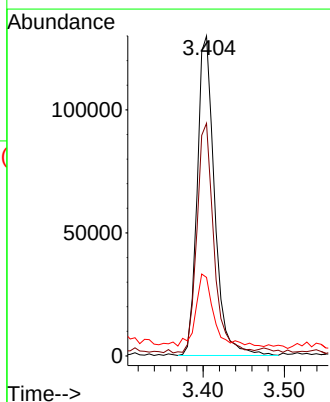
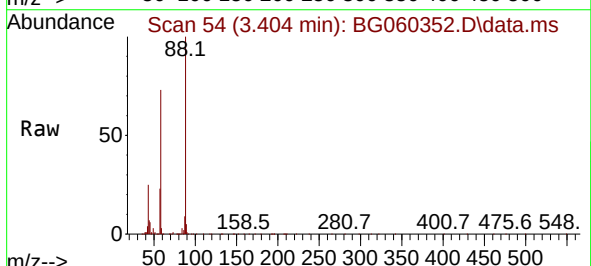
APPROVED

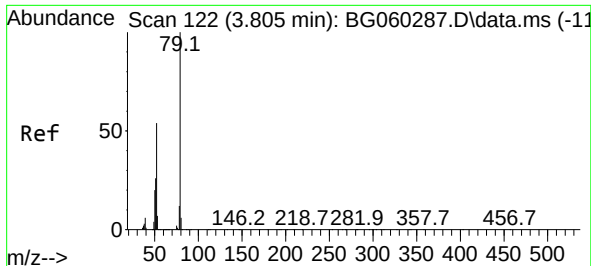
Reviewed By :Jagrut Upadhyay 01/23/2024  
Supervised By :mohammad ahmed 01/24/2024



#2  
1,4-Dioxane  
Concen: 30.741 ng  
RT: 3.404 min Scan# 54  
Delta R.T. -0.007 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Tgt Ion: 88 Resp: 192127  
Ion Ratio Lower Upper  
88 100  
58 70.5 55.9 83.9  
43 24.2 16.6 24.8





#3  
Pyridine  
Concen: 27.189 ng  
RT: 3.792 min Scan# 107  
Delta R.T. -0.013 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Instrument :

BNA\_G

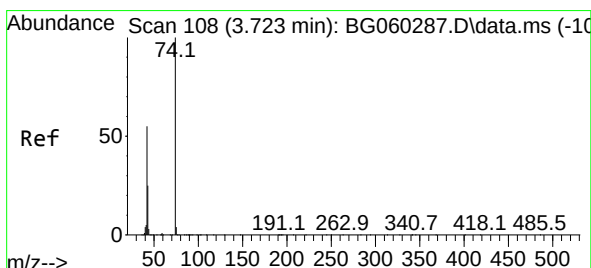
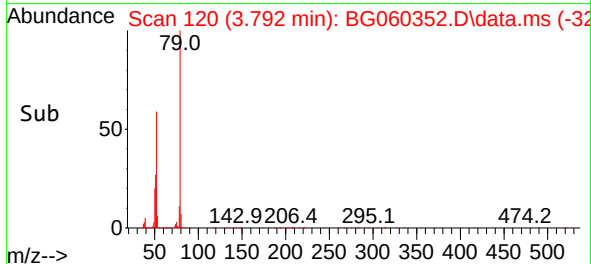
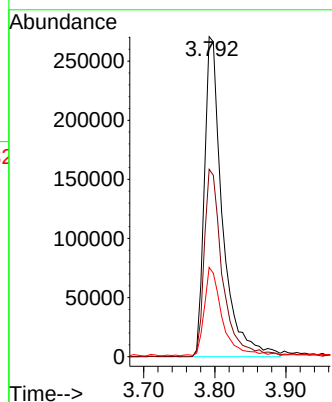
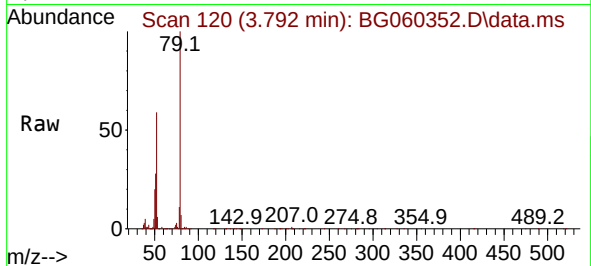
ClientSampleId :

PB158482BS

Tgt Ion: 79 Resp: 47943  
Ion Ratio Lower Upper  
79 100  
52 58.5 43.2 64.8  
51 27.9 21.4 32.2

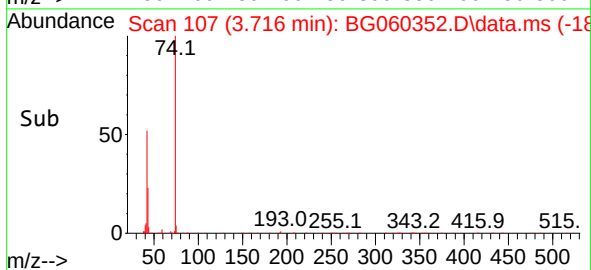
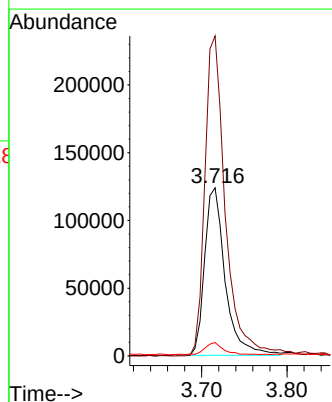
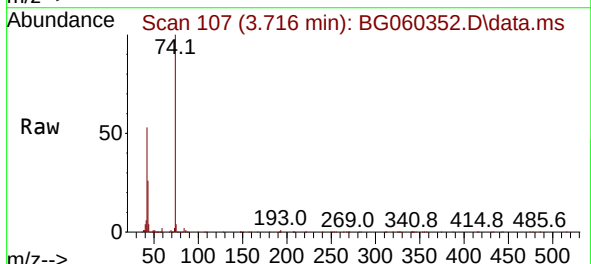
Manual Integrations  
APPROVED

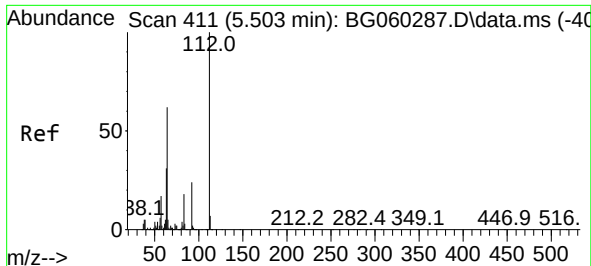
Reviewed By :Jagrut Upadhyay 01/23/2024  
Supervised By :mohammad ahmed 01/24/2024



#4  
n-Nitrosodimethylamine  
Concen: 37.670 ng  
RT: 3.716 min Scan# 107  
Delta R.T. -0.007 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Tgt Ion: 42 Resp: 207889  
Ion Ratio Lower Upper  
42 100  
74 190.3 145.1 217.7  
44 8.0 5.2 7.8#





#5  
2-Fluorophenol  
Concen: 138.634 ng  
RT: 5.502 min Scan# 411  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Instrument :

BNA\_G

ClientSampleId :

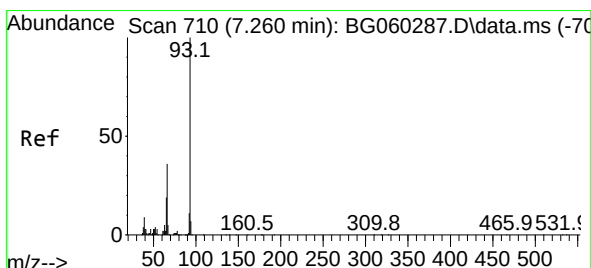
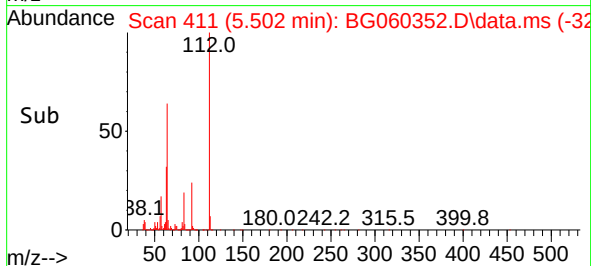
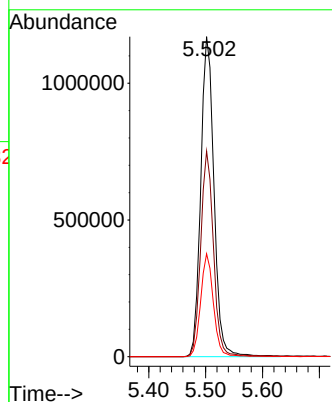
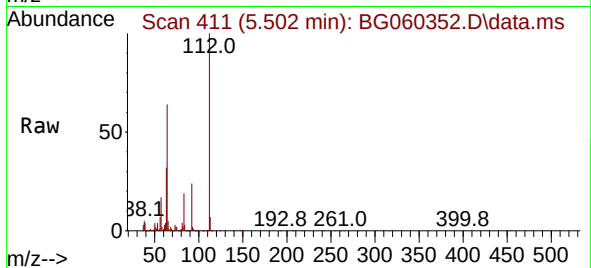
PB158482BS

Tgt Ion:112 Resp: 1896804  
Ion Ratio Lower Upper  
112 100  
64 64.2 49.8 74.6  
63 32.1 24.4 36.6

Manual Integrations

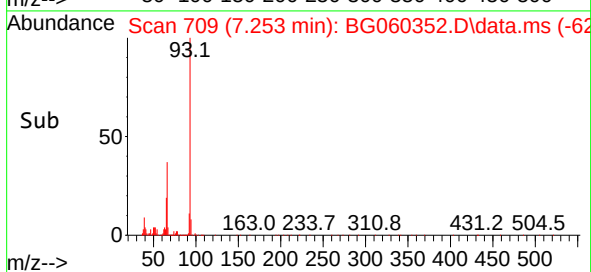
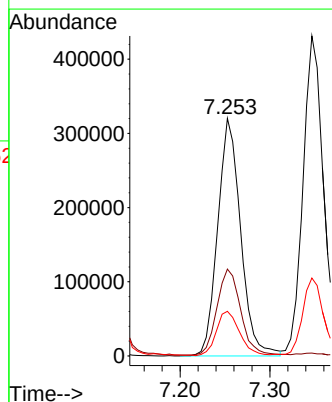
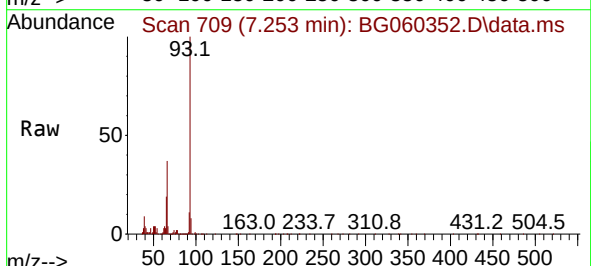
APPROVED

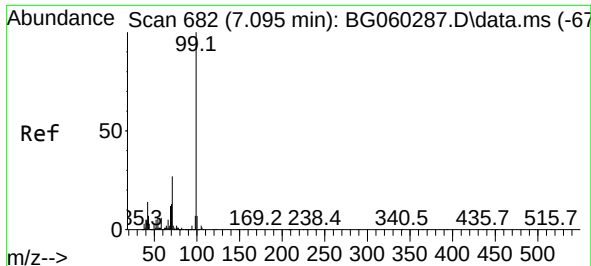
Reviewed By :Jagrut Upadhyay 01/23/2024  
Supervised By :mohammad ahmed 01/24/2024



#6  
Aniline  
Concen: 28.093 ng  
RT: 7.253 min Scan# 709  
Delta R.T. -0.007 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Tgt Ion: 93 Resp: 568906  
Ion Ratio Lower Upper  
93 100  
66 36.5 29.0 43.4  
65 18.8 15.1 22.7





#7  
Phenol-d6  
Concen: 136.607 ng  
RT: 7.094 min Scan# 682  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Instrument :

BNA\_G

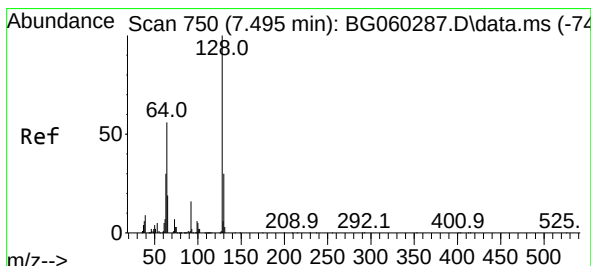
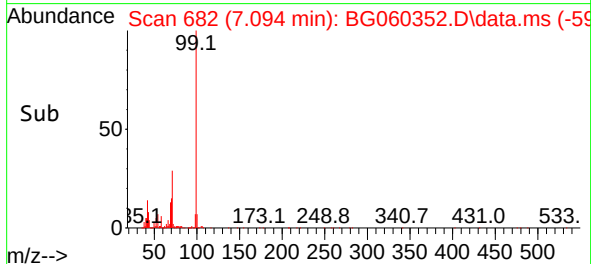
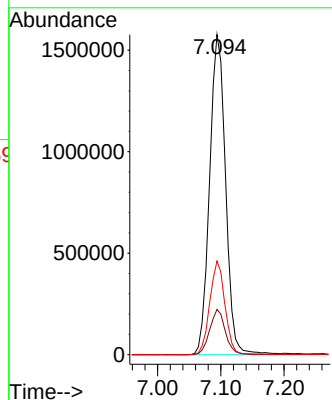
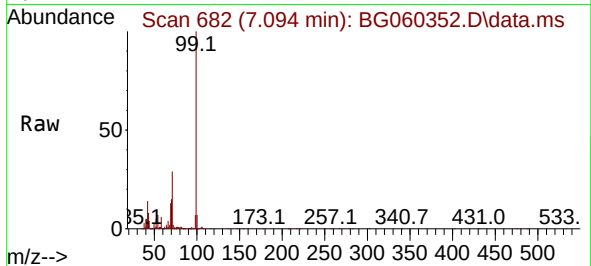
ClientSampleId :

PB158482BS

Tgt Ion: 99 Resp: 276766  
Ion Ratio Lower Upper  
99 100  
42 14.1 10.9 16.3  
71 29.3 21.5 32.3

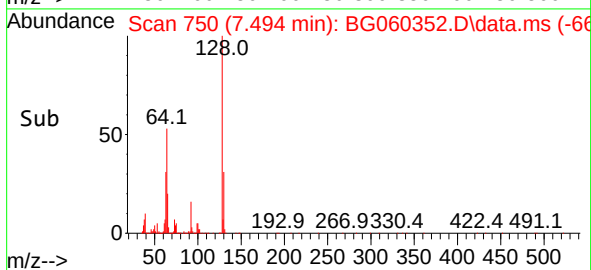
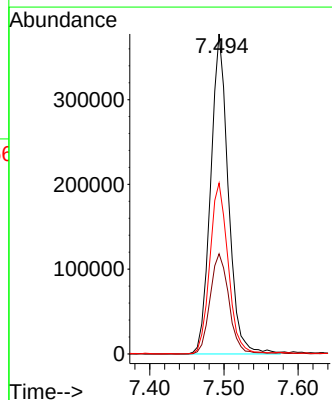
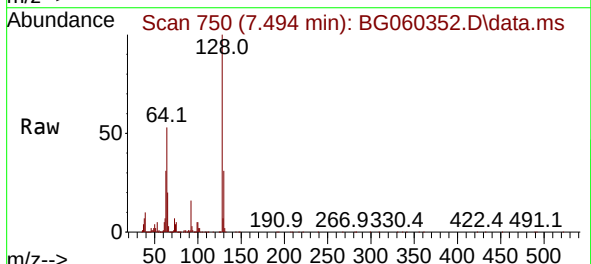
Manual Integrations  
APPROVED

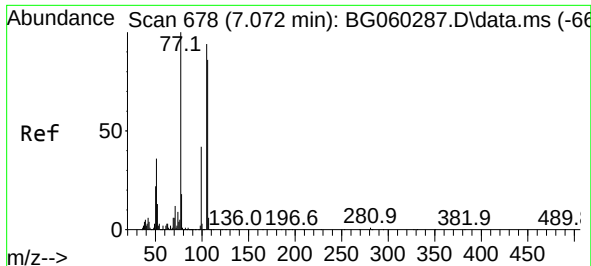
Reviewed By :Jagrut Upadhyay 01/23/2024  
Supervised By :mohammad ahmed 01/24/2024



#8  
2-Chlorophenol  
Concen: 46.047 ng  
RT: 7.494 min Scan# 750  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Tgt Ion:128 Resp: 624383  
Ion Ratio Lower Upper  
128 100  
130 31.3 9.9 49.9  
64 53.4 37.8 77.8





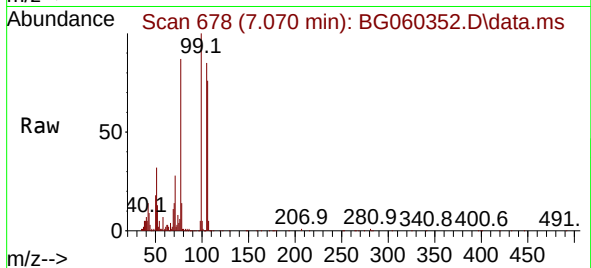
#9  
Benzaldehyde  
Concen: 23.707 ng  
RT: 7.070 min Scan# 61  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Instrument :

BNA\_G

ClientSampleId :

PB158482BS

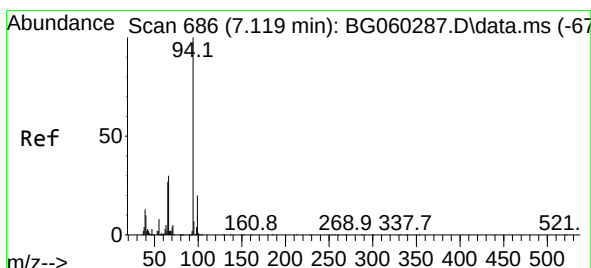
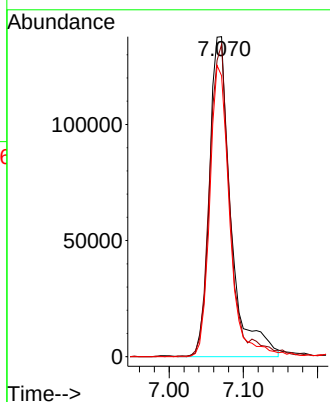
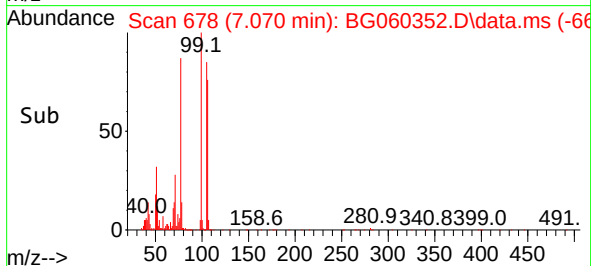


Tgt Ion: 77 Resp: 275694  
Ion Ratio Lower Upper  
77 100  
105 97.5 73.6 113.6  
106 87.8 66.2 106.2

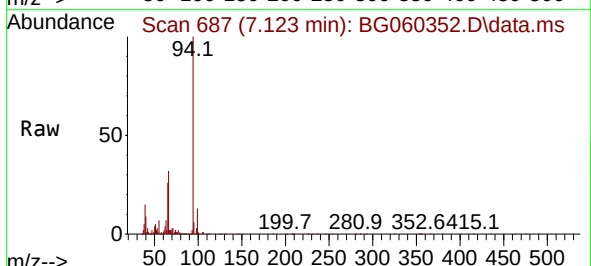
Manual Integrations

APPROVED

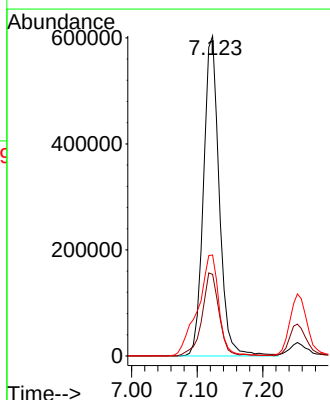
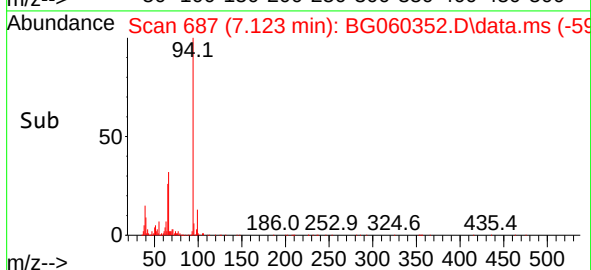
Reviewed By :Jagrut Upadhyay 01/23/2024  
Supervised By :mohammad ahmed 01/24/2024



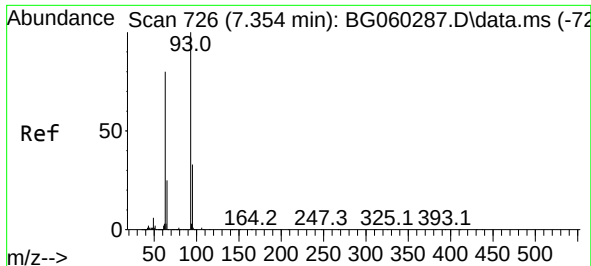
#10  
Phenol  
Concen: 49.666 ng  
RT: 7.123 min Scan# 687  
Delta R.T. 0.005 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43



Tgt Ion: 94 Resp: 1008880  
Ion Ratio Lower Upper  
94 100  
65 25.5 6.7 46.7  
66 31.6 10.6 50.6







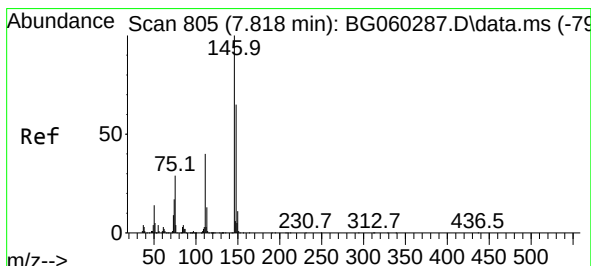
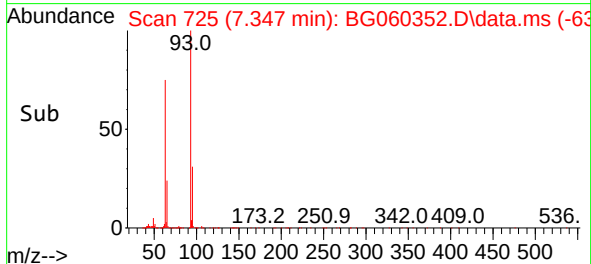
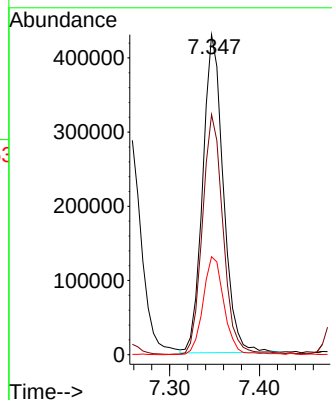
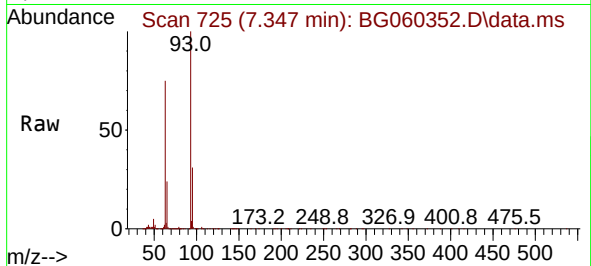
#11  
bis(2-Chloroethyl)ether  
Concen: 41.168 ng  
RT: 7.347 min Scan# 725  
Delta R.T. -0.007 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Instrument :  
BNA\_G  
ClientSampleId :  
PB158482BS

Tgt Ion: 93 Resp: 68142  
Ion Ratio Lower Upper  
93 100  
63 75.0 59.3 99.3  
95 30.6 12.8 52.8

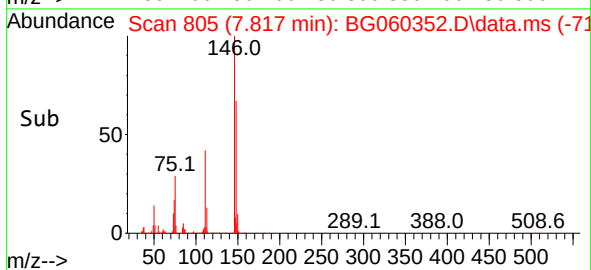
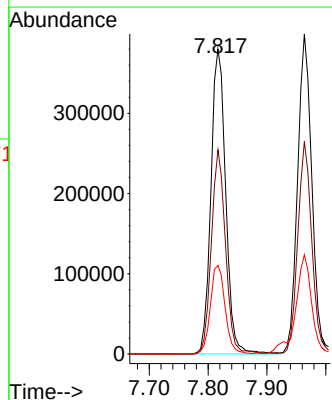
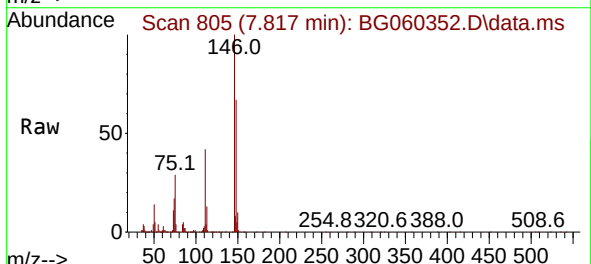
Manual Integrations  
APPROVED

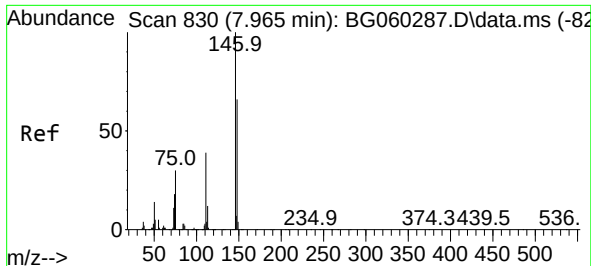
Reviewed By :Jagrut Upadhyay 01/23/2024  
Supervised By :mohammad ahmed 01/24/2024



#12  
1,3-Dichlorobenzene  
Concen: 38.928 ng  
RT: 7.817 min Scan# 805  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Tgt Ion:146 Resp: 662549  
Ion Ratio Lower Upper  
146 100  
148 66.9 52.3 78.5  
75 29.0 22.9 34.3





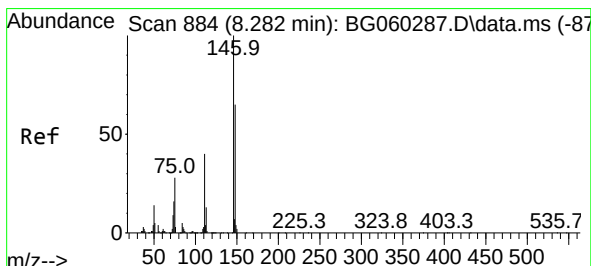
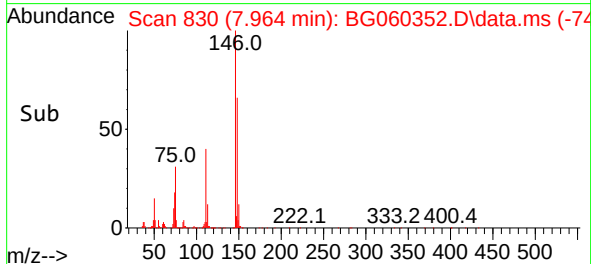
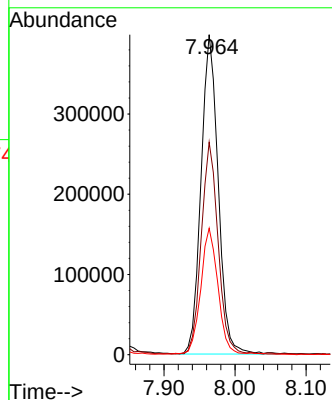
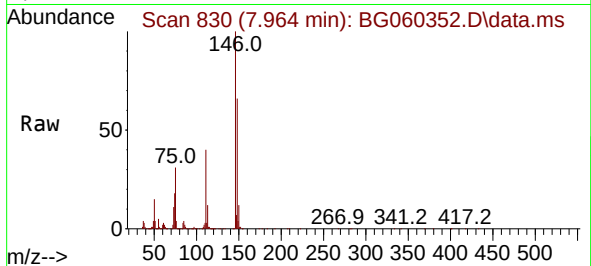
#13  
1,4-Dichlorobenzene  
Concen: 38.845 ng  
RT: 7.964 min Scan# 81  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Instrument :  
BNA\_G  
ClientSampleId :  
PB158482BS

Tgt Ion:146 Resp: 670799  
Ion Ratio Lower Upper  
146 100  
148 66.4 52.7 79.1  
111 39.5 31.4 47.0

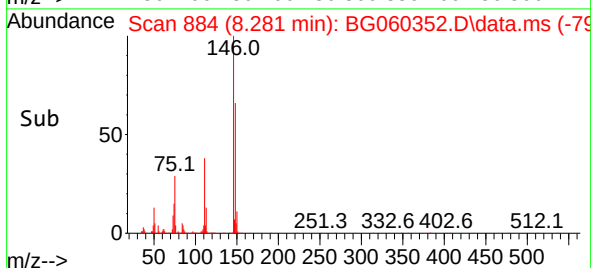
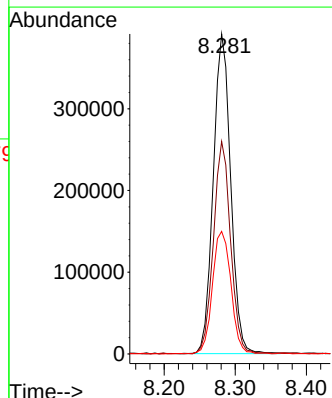
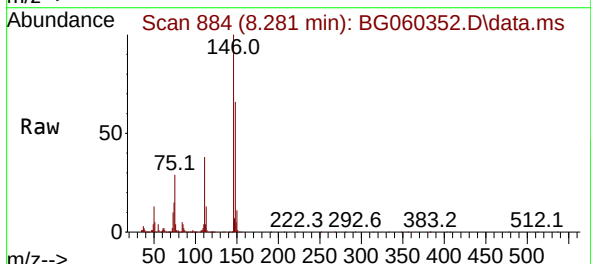
Manual Integrations  
APPROVED

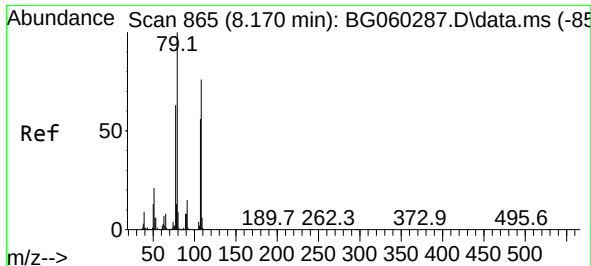
Reviewed By :Jagrut Upadhyay 01/23/2024  
Supervised By :mohammad ahmed 01/24/2024



#14  
1,2-Dichlorobenzene  
Concen: 37.396 ng  
RT: 8.281 min Scan# 884  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Tgt Ion:146 Resp: 664039  
Ion Ratio Lower Upper  
146 100  
148 66.4 51.8 77.8  
111 38.3 32.6 48.8





#15  
Benzyl Alcohol  
Concen: 47.944 ng m  
RT: 8.163 min Scan# 80  
Delta R.T. -0.007 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Instrument :

BNA\_G

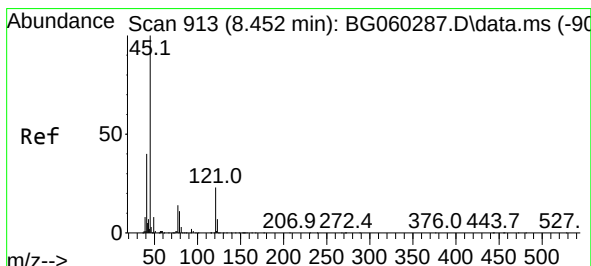
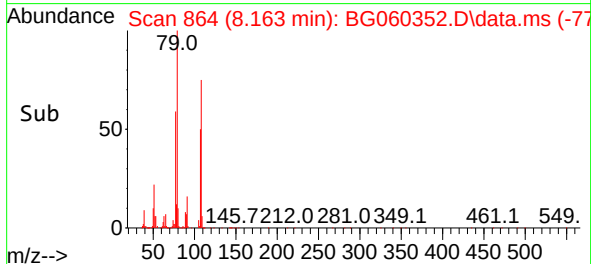
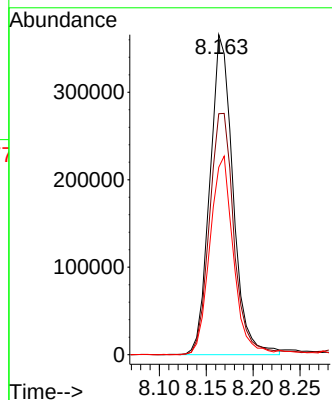
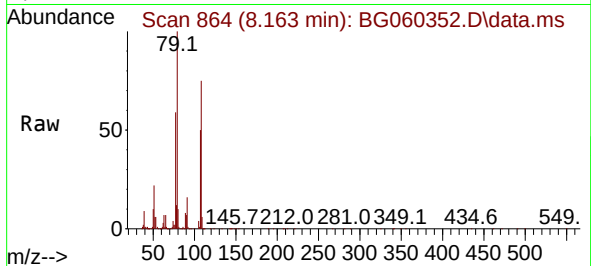
ClientSampleId :

PB158482BS

Tgt Ion: 79 Resp: 628760  
Ion Ratio Lower Upper  
79 100  
108 75.3 61.2 91.8  
77 58.6 50.3 75.5

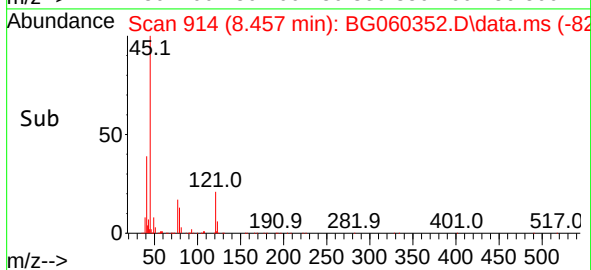
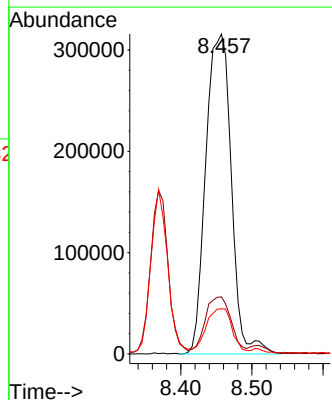
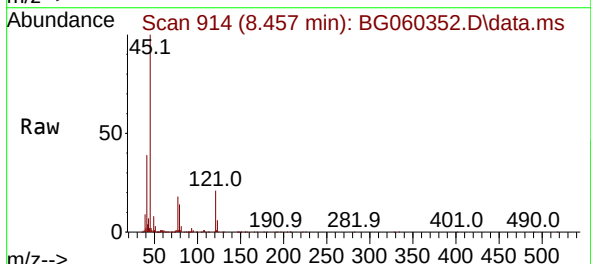
Manual Integrations  
APPROVED

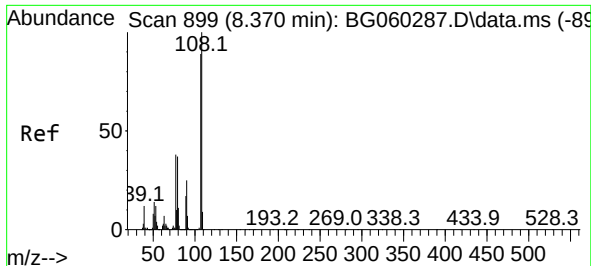
Reviewed By :Jagrut Upadhyay 01/23/2024  
Supervised By :mohammad ahmed 01/24/2024



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.171 ng m  
RT: 8.457 min Scan# 914  
Delta R.T. 0.005 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Tgt Ion: 45 Resp: 786954  
Ion Ratio Lower Upper  
45 100  
77 17.8 0.0 37.3  
79 14.1 0.0 34.0





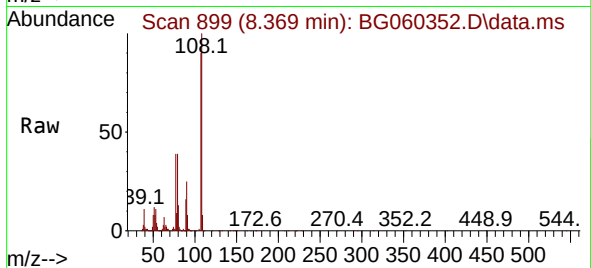
#17  
2-Methylphenol  
Concen: 45.510 ng  
RT: 8.369 min Scan# 899  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Instrument :

BNA\_G

ClientSampleId :

PB158482BS

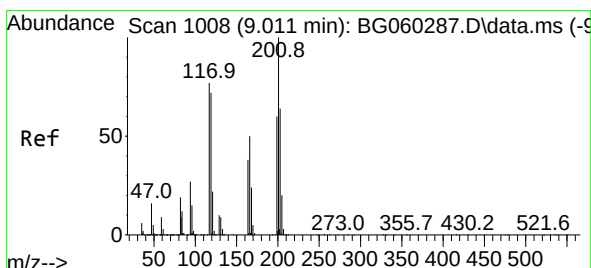
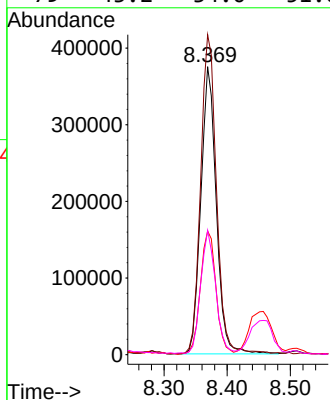
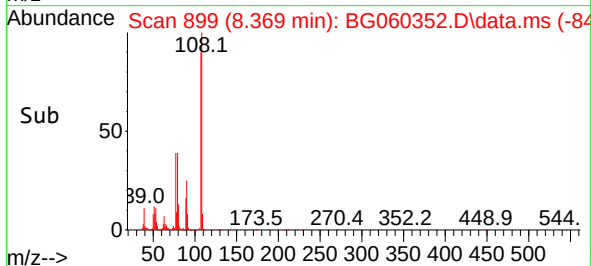


Tgt Ion:107 Resp: 634958  
Ion Ratio Lower Upper  
107 100  
108 111.1 90.5 135.7  
77 42.9 35.0 52.6  
79 43.2 34.0 51.0

Manual Integrations

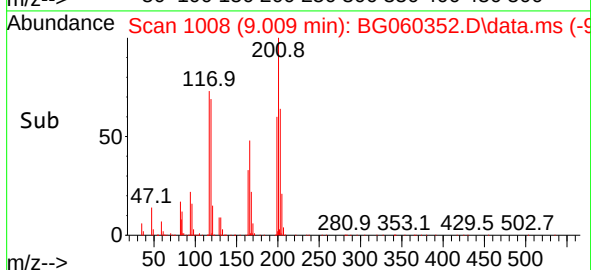
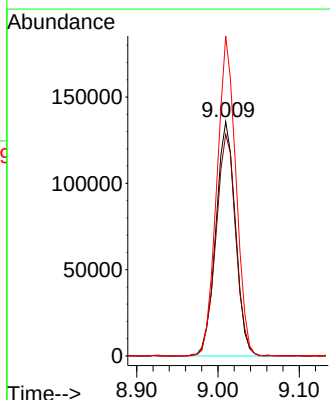
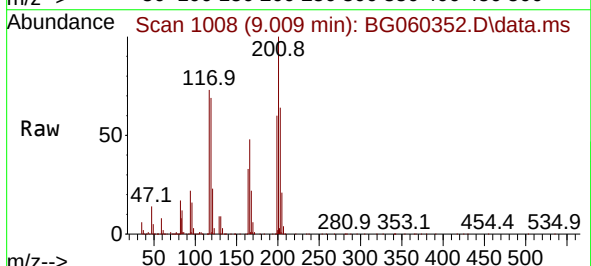
APPROVED

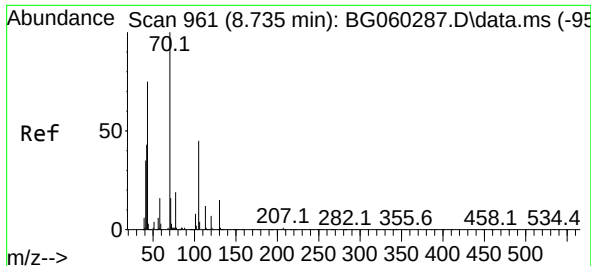
Reviewed By :Jagrut Upadhyay 01/23/2024  
Supervised By :mohammad ahmed 01/24/2024



#18  
Hexachloroethane  
Concen: 37.520 ng  
RT: 9.009 min Scan# 1008  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Tgt Ion:117 Resp: 227172  
Ion Ratio Lower Upper  
117 100  
119 94.6 74.5 111.7  
201 136.6 106.3 159.5





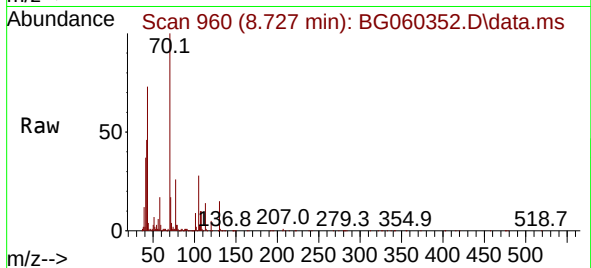
#19  
n-Nitroso-di-n-propylamine  
Concen: 42.372 ng  
RT: 8.727 min Scan# 961  
Delta R.T. -0.007 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Instrument :

BNA\_G

ClientSampleId :

PB158482BS

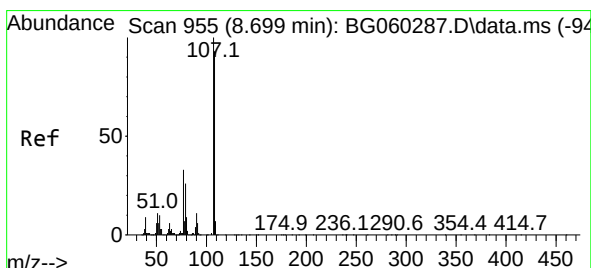
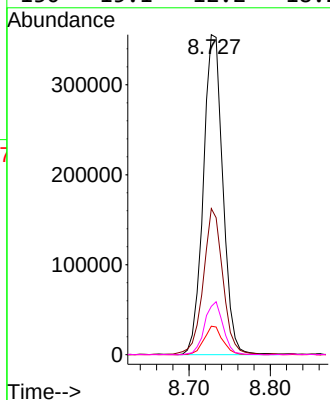
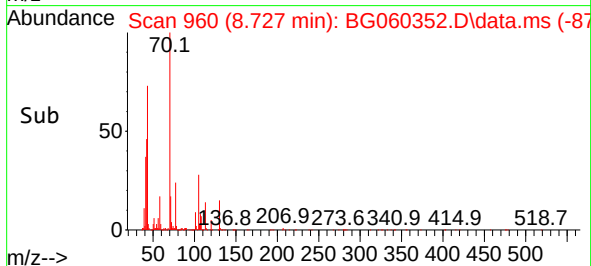


Tgt Ion: 70 Resp: 59414  
Ion Ratio Lower Upper  
70 100  
42 45.6 34.3 51.5  
101 8.9 6.2 9.2  
130 15.1 12.2 18.2

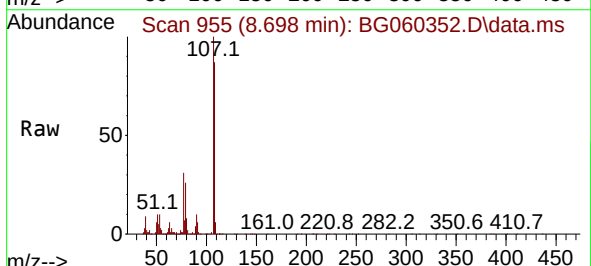
Manual Integrations

APPROVED

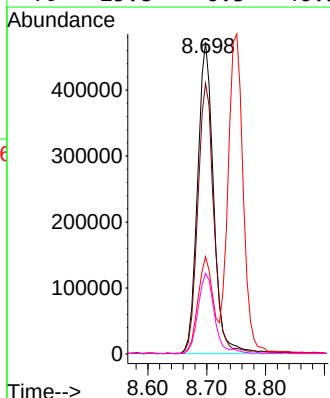
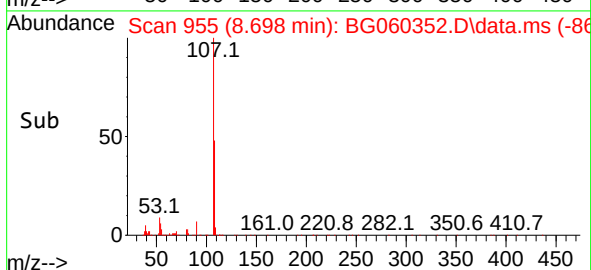
Reviewed By :Jagrut Upadhyay 01/23/2024  
Supervised By :mohammad ahmed 01/24/2024

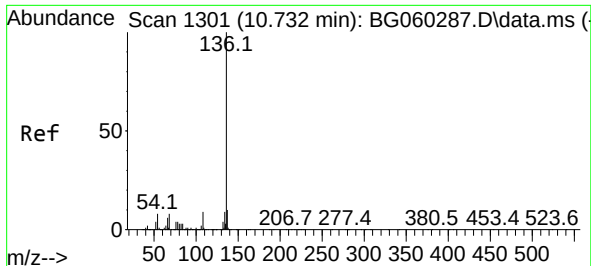


#20  
3+4-Methylphenols  
Concen: 47.534 ng  
RT: 8.698 min Scan# 955  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43



Tgt Ion:107 Resp: 894189  
Ion Ratio Lower Upper  
107 100  
108 86.7 72.5 112.5  
77 31.2 13.0 53.0  
79 25.8 6.3 46.3





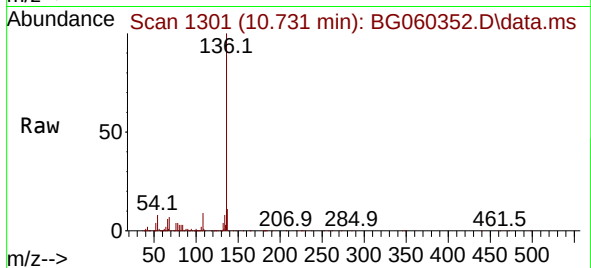
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.731 min Scan# 1301  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Instrument :

BNA\_G

ClientSampleId :

PB158482BS

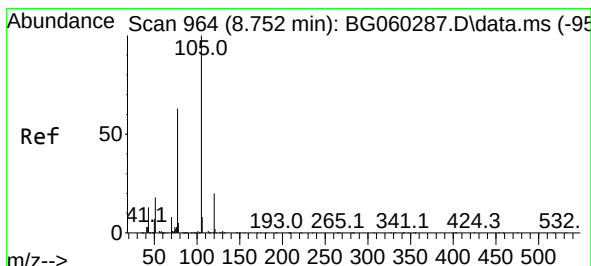
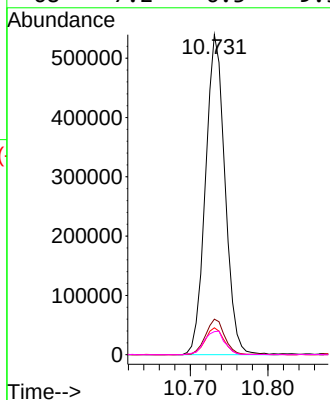
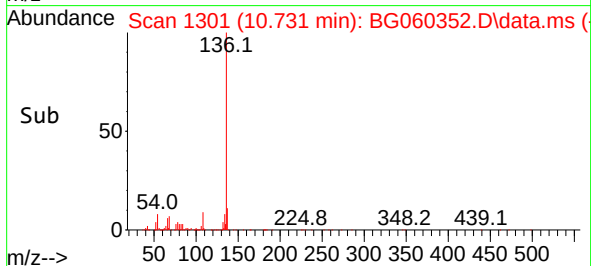


Tgt Ion:136 Resp: 940587  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.2 12.4  
54 8.4 6.2 9.2  
68 7.2 6.3 9.5

Manual Integrations

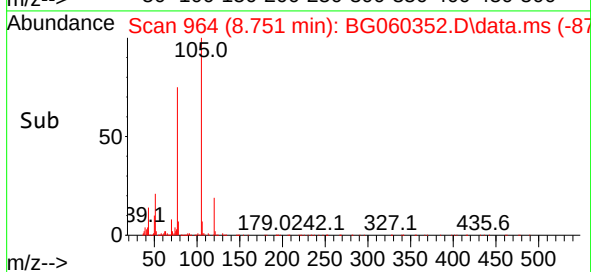
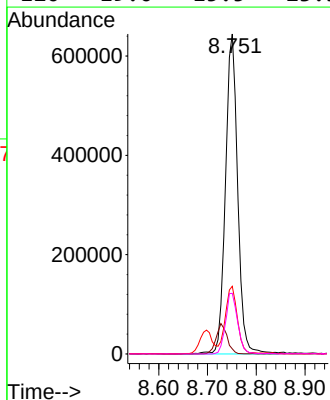
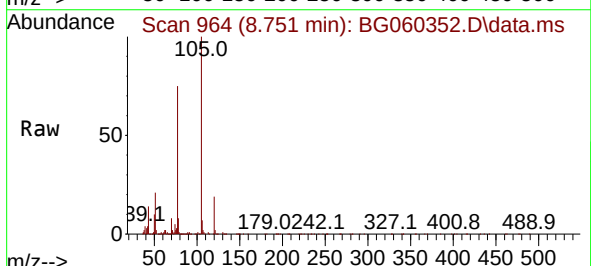
APPROVED

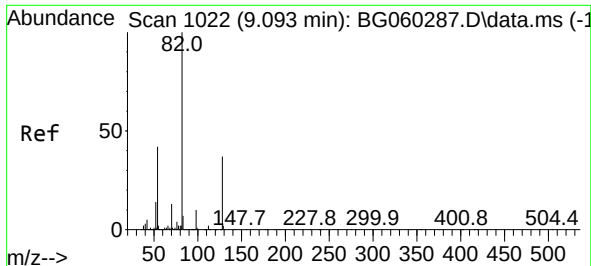
Reviewed By :Jagrut Upadhyay 01/23/2024  
Supervised By :mohammad ahmed 01/24/2024



#22  
Acetophenone  
Concen: 43.473 ng  
RT: 8.751 min Scan# 964  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Tgt Ion:105 Resp: 1124001  
Ion Ratio Lower Upper  
105 100  
71 1.6 1.7 2.5#  
51 21.2 18.2 27.2  
120 19.0 15.5 23.3





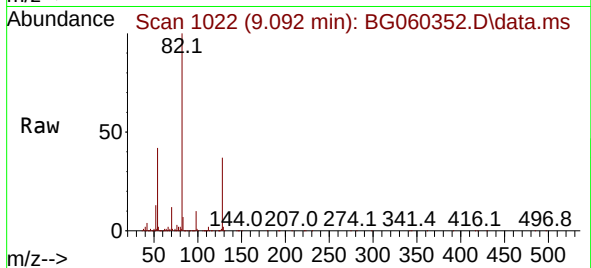
#23  
Nitrobenzene-d5  
Concen: 80.890 ng  
RT: 9.092 min Scan# 1022  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Instrument :

BNA\_G

ClientSampleId :

PB158482BS

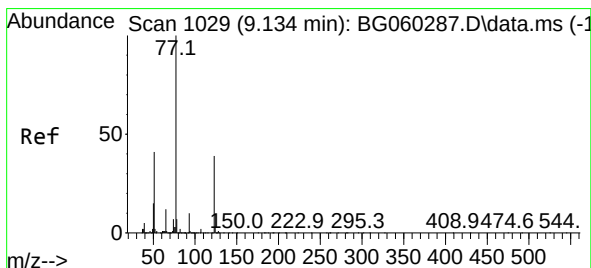
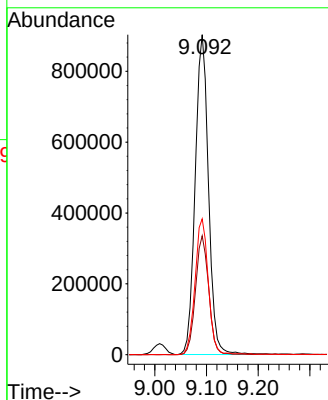
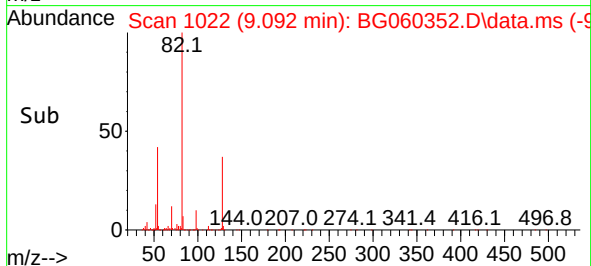


Tgt Ion: 82 Resp: 1611274  
Ion Ratio Lower Upper  
82 100  
128 37.2 29.6 44.4  
54 42.4 33.6 50.4

Manual Integrations

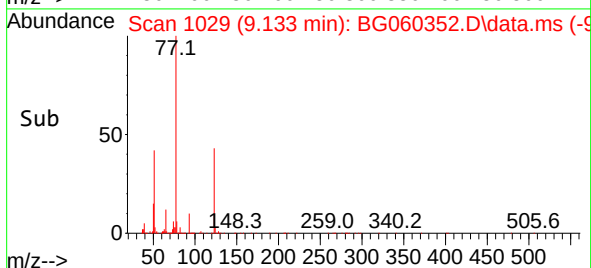
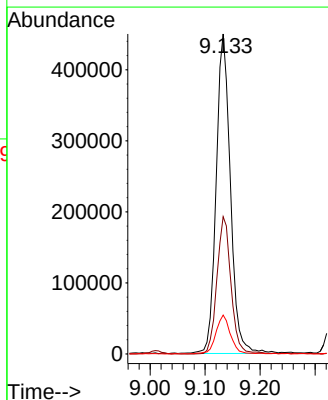
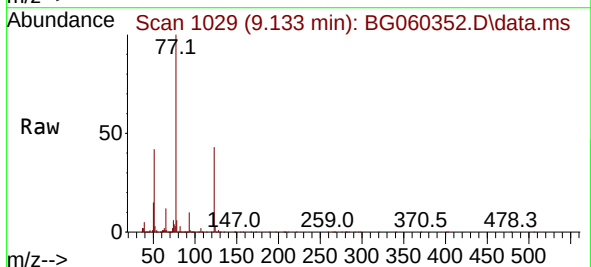
APPROVED

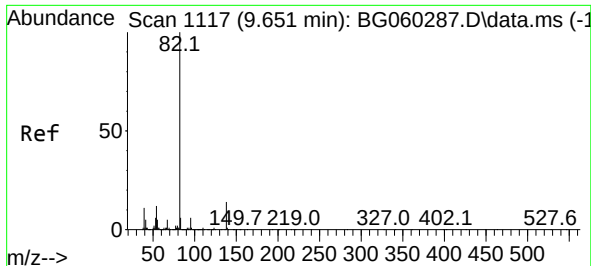
Reviewed By :Jagrut Upadhyay 01/23/2024  
Supervised By :mohammad ahmed 01/24/2024



#24  
Nitrobenzene  
Concen: 39.249 ng  
RT: 9.133 min Scan# 1029  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Tgt Ion: 77 Resp: 810461  
Ion Ratio Lower Upper  
77 100  
123 42.9 31.4 47.0  
65 12.1 9.6 14.4





#25  
Isophorone  
Concen: 41.293 ng  
RT: 9.650 min Scan# 1117  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Instrument :

BNA\_G

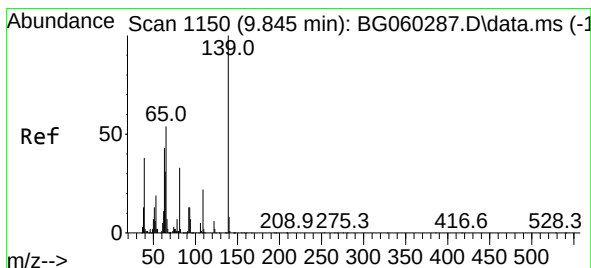
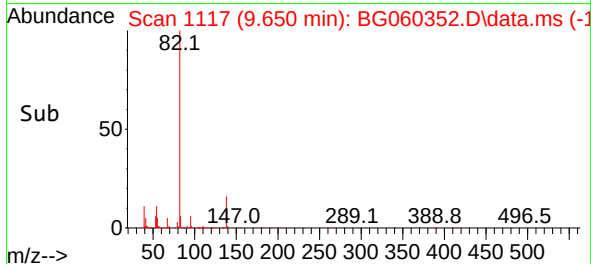
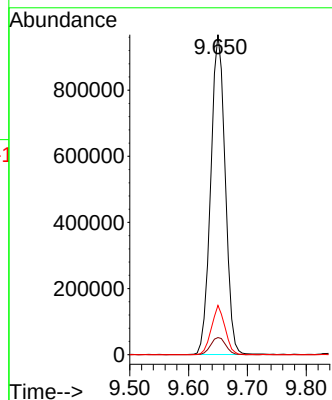
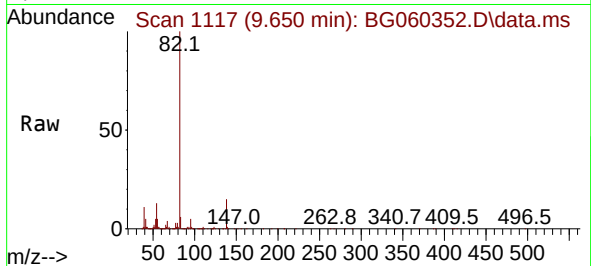
ClientSampleId :

PB158482BS

Tgt Ion: 82 Resp: 1651838  
Ion Ratio Lower Upper  
82 100  
95 5.3 4.7 7.1  
138 15.4 11.1 16.7

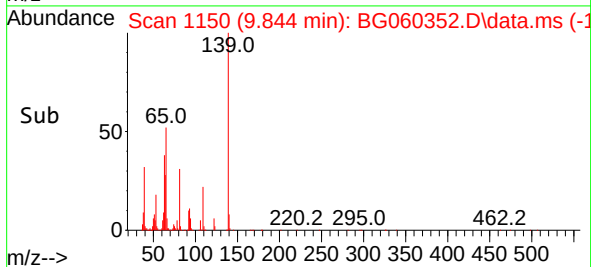
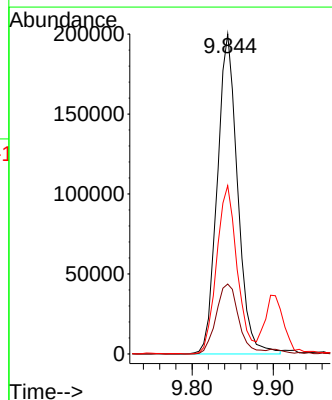
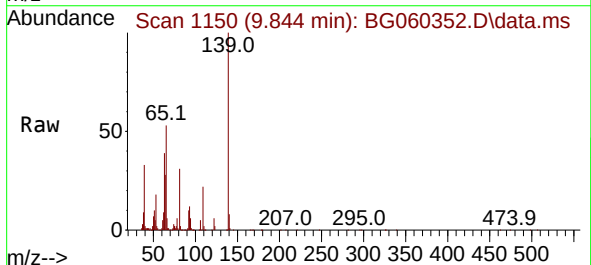
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 01/23/2024  
Supervised By :mohammad ahmed 01/24/2024

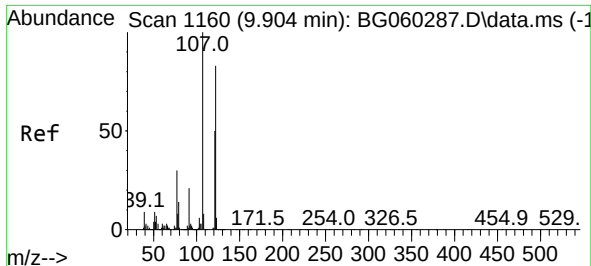


#26  
2-Nitrophenol  
Concen: 45.894 ng  
RT: 9.844 min Scan# 1150  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Tgt Ion:139 Resp: 348442  
Ion Ratio Lower Upper  
139 100  
109 21.8 17.6 26.4  
65 52.6 43.6 65.4







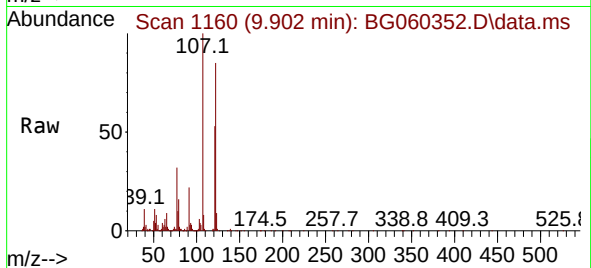
#27  
2,4-Dimethylphenol  
Concen: 56.626 ng  
RT: 9.902 min Scan# 1160  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Instrument :

BNA\_G

ClientSampleId :

PB158482BS

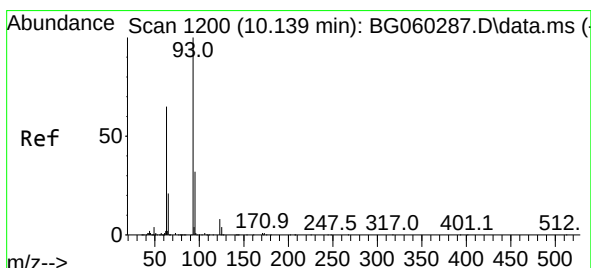
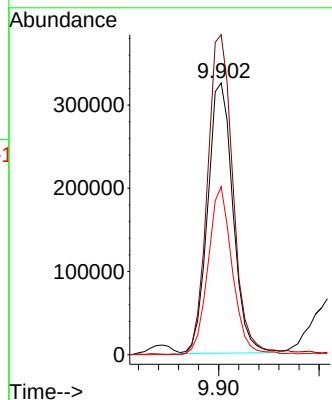
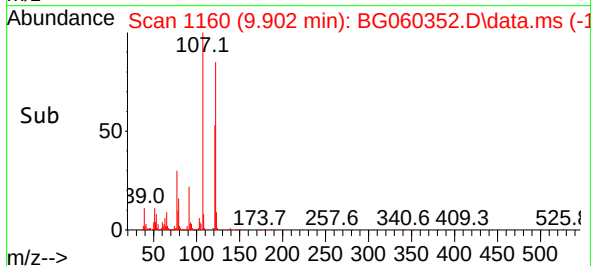


Tgt Ion:122 Resp: 56808  
Ion Ratio Lower Upper  
122 100  
107 117.8 95.4 143.0  
121 61.8 47.7 71.5

Manual Integrations

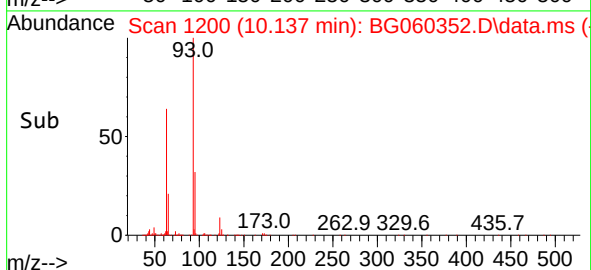
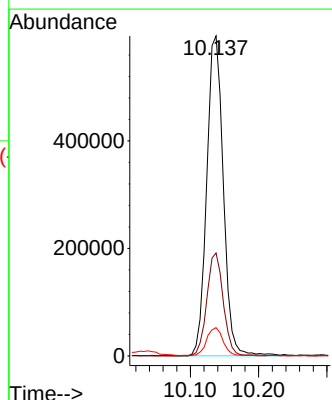
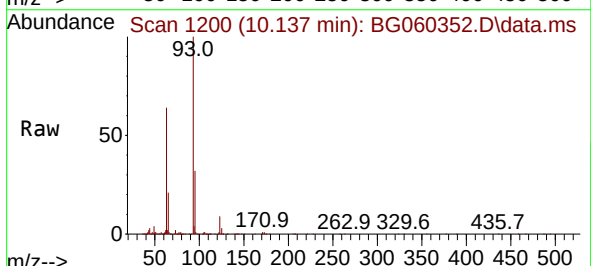
APPROVED

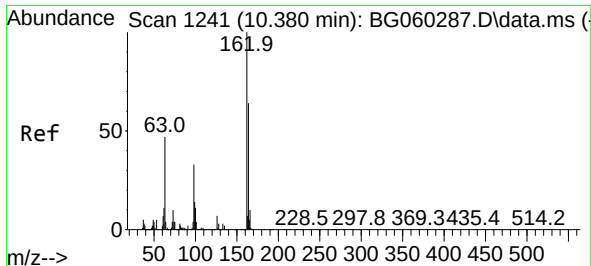
Reviewed By :Jagrut Upadhyay 01/23/2024  
Supervised By :mohammad ahmed 01/24/2024



#28  
bis(2-Chloroethoxy)methane  
Concen: 41.154 ng  
RT: 10.137 min Scan# 1200  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Tgt Ion: 93 Resp: 1005874  
Ion Ratio Lower Upper  
93 100  
95 32.2 25.4 38.0  
123 8.8 6.7 10.1





#29  
2,4-Dichlorophenol  
Concen: 46.690 ng  
RT: 10.378 min Scan# 1241  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Instrument :

BNA\_G

ClientSampleId :

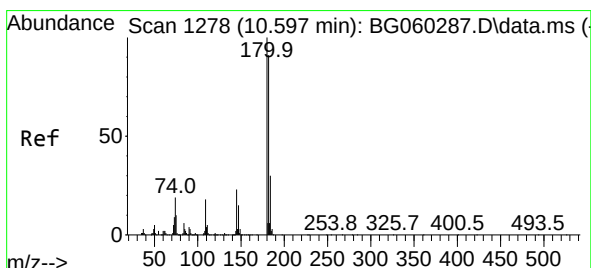
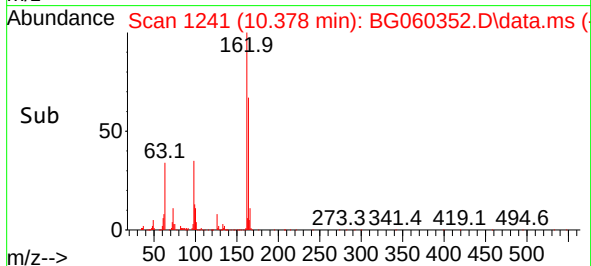
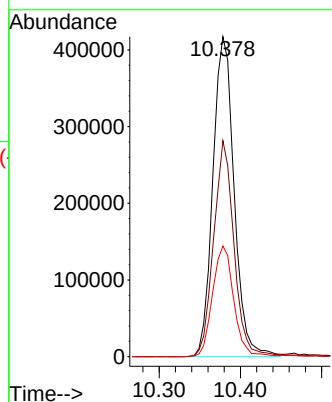
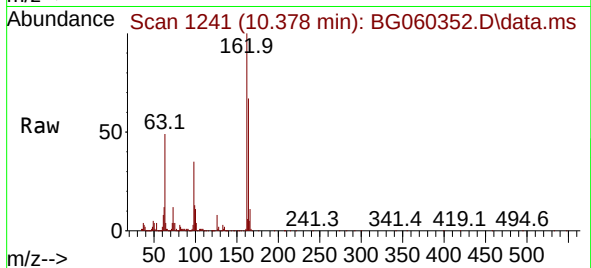
PB158482BS

Tgt Ion:162 Resp: 75904  
Ion Ratio Lower Upper  
162 100  
164 67.5 44.3 84.3  
98 34.6 13.4 53.4

Manual Integrations

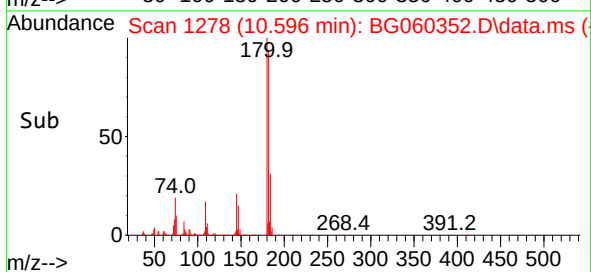
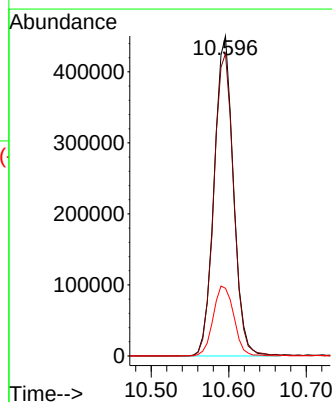
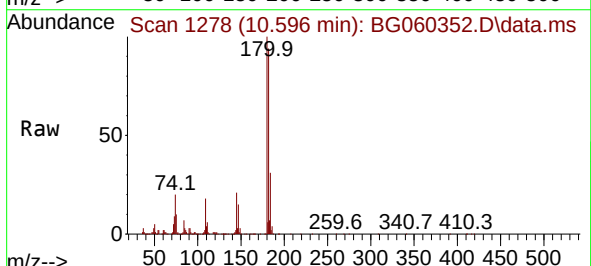
APPROVED

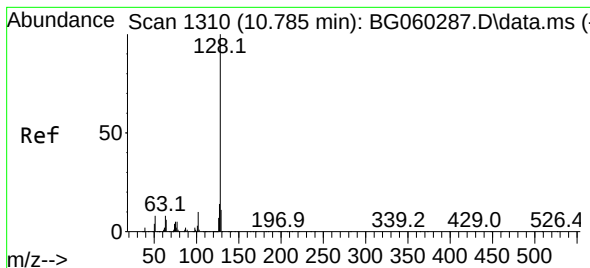
Reviewed By :Jagrut Upadhyay 01/23/2024  
Supervised By :mohammad ahmed 01/24/2024



#30  
1,2,4-Trichlorobenzene  
Concen: 38.457 ng  
RT: 10.596 min Scan# 1278  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Tgt Ion:180 Resp: 777815  
Ion Ratio Lower Upper  
180 100  
182 94.5 72.7 109.1  
145 21.2 18.2 27.2





#31  
Naphthalene  
Concen: 39.784 ng  
RT: 10.784 min Scan# 1183  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Instrument :

BNA\_G

ClientSampleId :

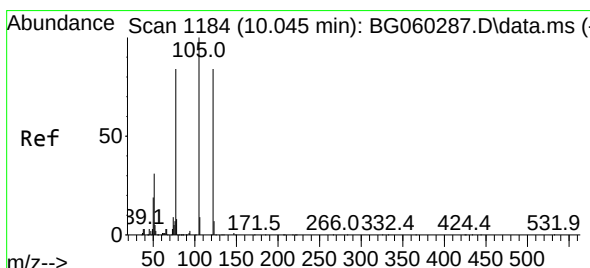
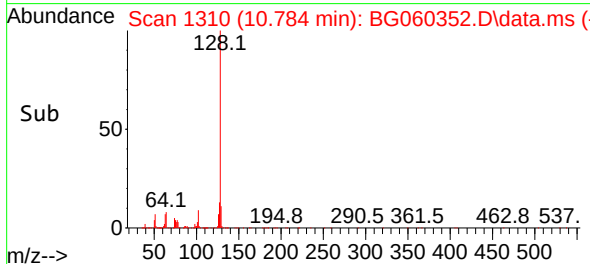
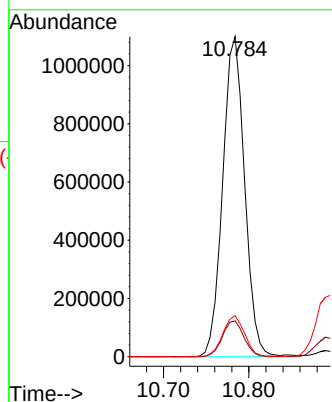
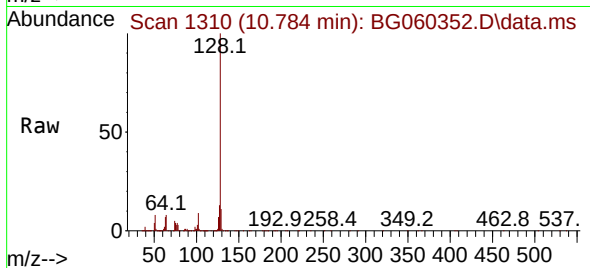
PB158482BS

Tgt Ion:128 Resp: 1961540  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.9 13.3  
127 12.8 10.9 16.3

Manual Integrations

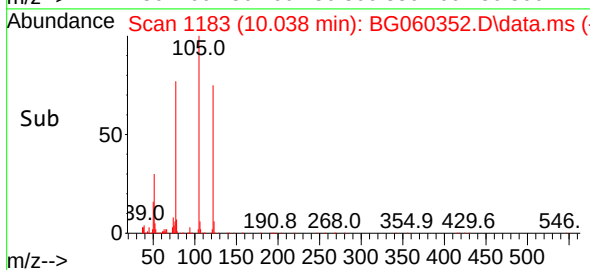
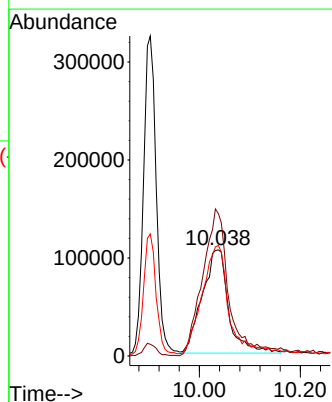
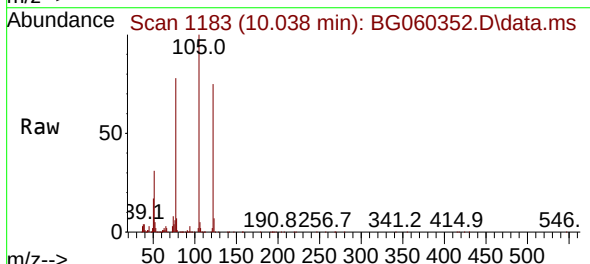
APPROVED

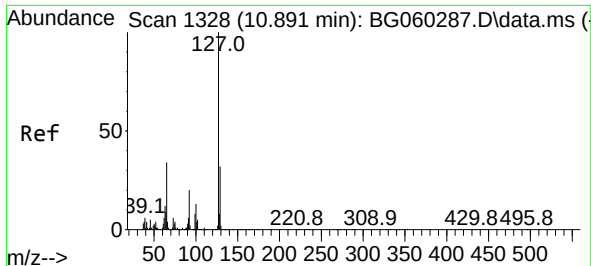
Reviewed By :Jagrut Upadhyay 01/23/2024  
Supervised By :mohammad ahmed 01/24/2024



#32  
Benzoic acid  
Concen: 44.251 ng m  
RT: 10.038 min Scan# 1183  
Delta R.T. -0.007 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Tgt Ion:122 Resp: 383080  
Ion Ratio Lower Upper  
122 100  
105 134.0 96.0 136.0  
77 104.2 80.1 120.1





#33  
4-Chloroaniline  
Concen: 22.603 ng  
RT: 10.895 min Scan# 1328  
Delta R.T. 0.005 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Instrument :

BNA\_G

ClientSampleId :

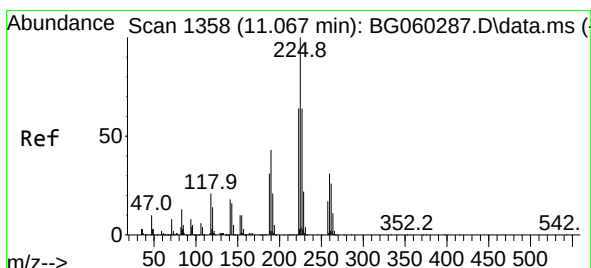
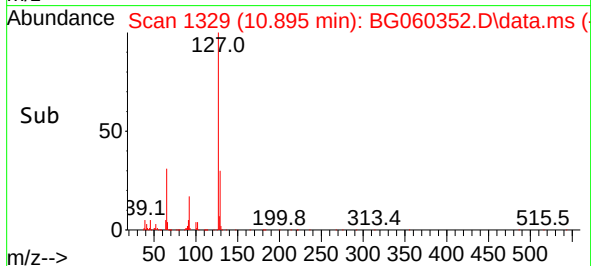
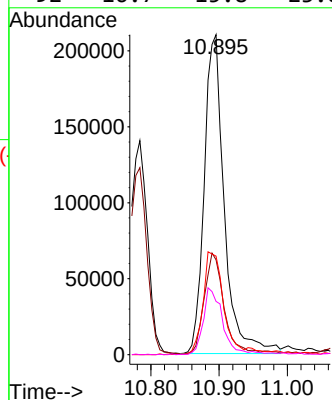
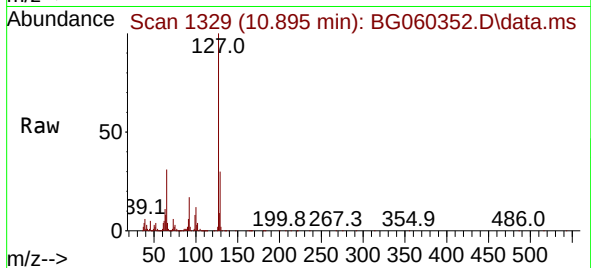
PB158482BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 42939 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 29.7  | 25.5  | 38.3  |
| 65        | 30.8  | 27.5  | 41.3  |
| 92        | 16.7  | 15.8  | 23.8  |

Manual Integrations

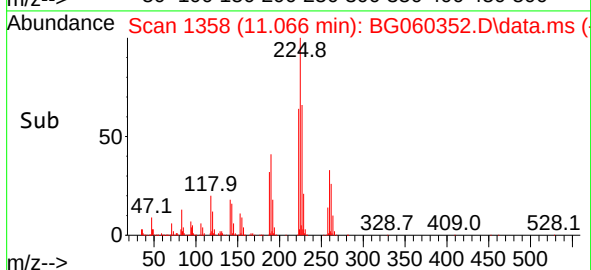
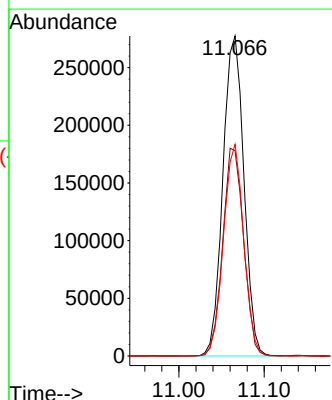
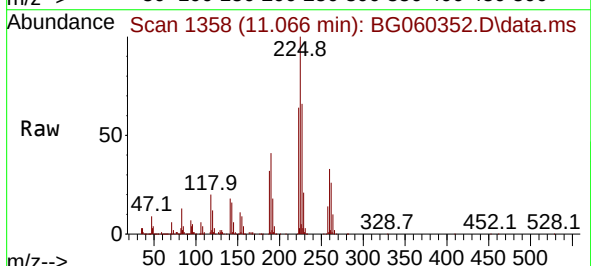
APPROVED

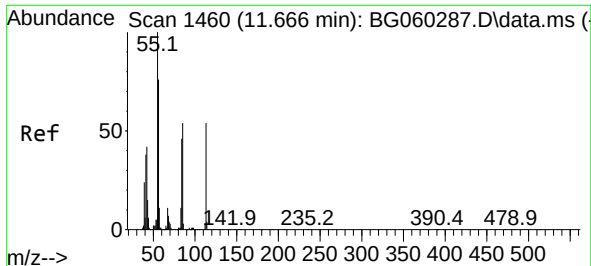
Reviewed By :Jagrut Upadhyay 01/23/2024  
Supervised By :mohammad ahmed 01/24/2024



#34  
Hexachlorobutadiene  
Concen: 36.064 ng  
RT: 11.066 min Scan# 1358  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

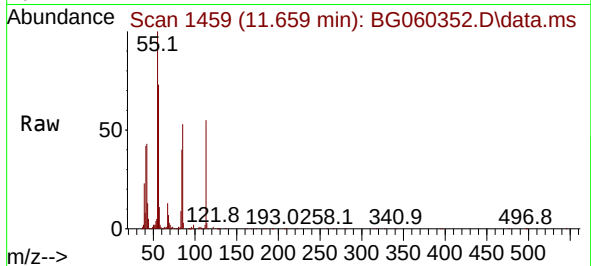
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 475155 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 67.1  | 48.7  | 73.1   |
| 227       | 66.2  | 48.7  | 73.1   |





#35  
Caprolactam  
Concen: 51.171 ng m  
RT: 11.659 min Scan# 1460  
Delta R.T. -0.007 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

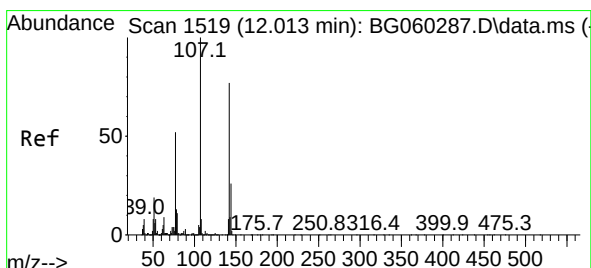
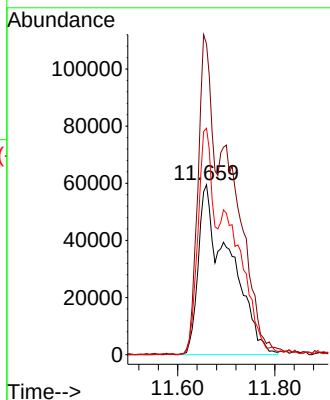
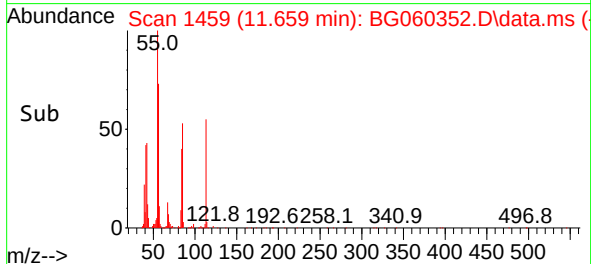
Instrument :  
BNA\_G  
ClientSampleId :  
PB158482BS



Tgt Ion:113 Resp: 267939  
Ion Ratio Lower Upper  
113 100  
55 182.8 166.4 206.4  
56 133.2 121.0 161.0

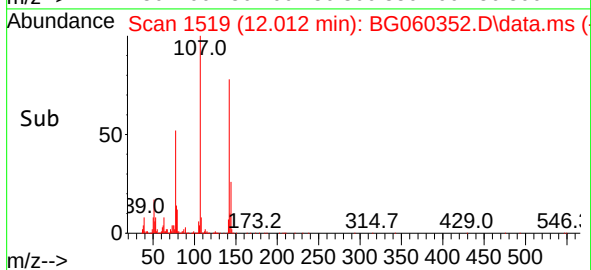
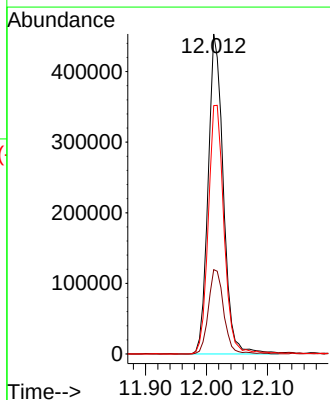
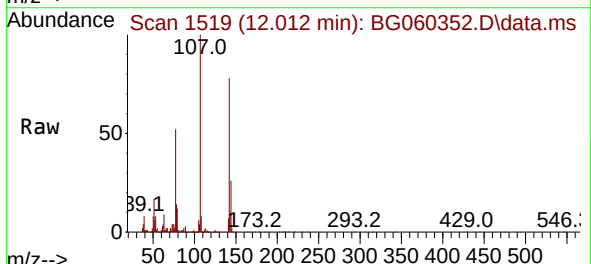
Manual Integrations  
APPROVED

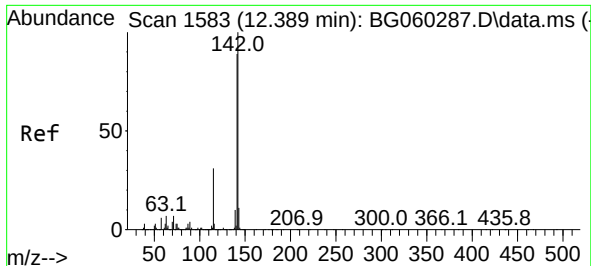
Reviewed By :Jagrut Upadhyay 01/23/2024  
Supervised By :mohammad ahmed 01/24/2024



#36  
4-Chloro-3-methylphenol  
Concen: 47.559 ng  
RT: 12.012 min Scan# 1519  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Tgt Ion:107 Resp: 785467  
Ion Ratio Lower Upper  
107 100  
144 26.3 20.6 31.0  
142 77.6 61.5 92.3





#37  
2-Methylnaphthalene  
Concen: 40.228 ng  
RT: 12.388 min Scan# 1583  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Instrument :

BNA\_G

ClientSampleId :

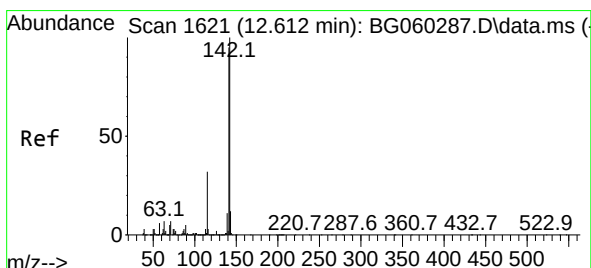
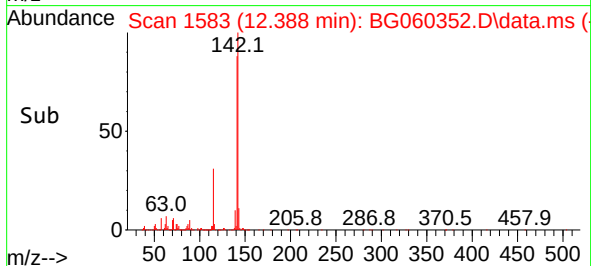
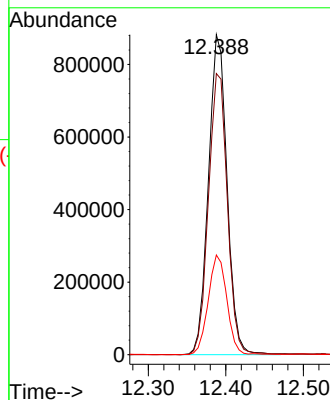
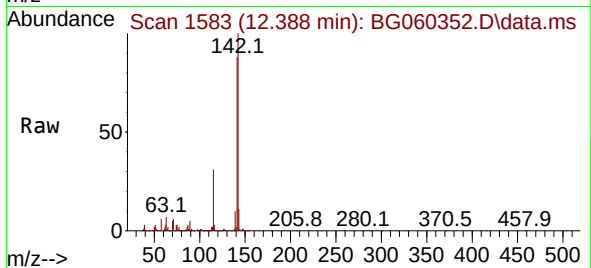
PB158482BS

Tgt Ion:142 Resp: 147104  
Ion Ratio Lower Upper  
142 100  
141 87.9 71.0 106.4  
115 31.2 24.7 37.1

Manual Integrations

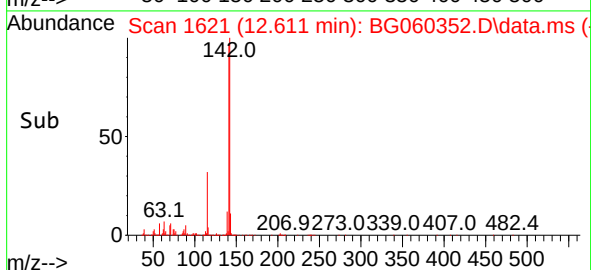
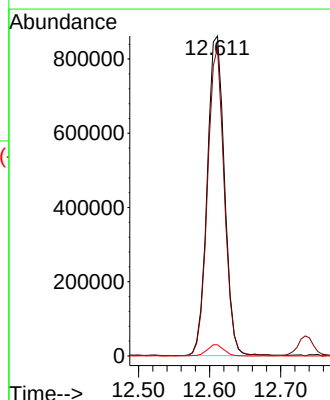
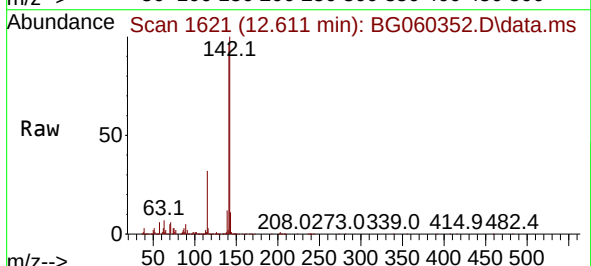
APPROVED

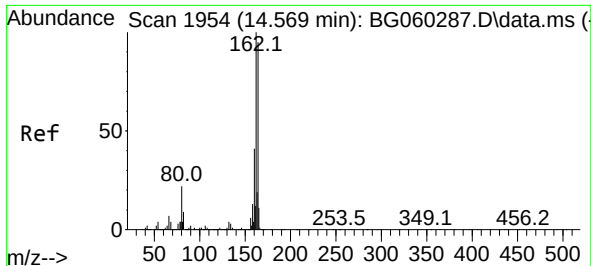
Reviewed By :Jagrut Upadhyay 01/23/2024  
Supervised By :mohammad ahmed 01/24/2024



#38  
1-Methylnaphthalene  
Concen: 39.652 ng  
RT: 12.611 min Scan# 1621  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Tgt Ion:142 Resp: 1455988  
Ion Ratio Lower Upper  
142 100  
141 96.4 76.2 114.2  
116 3.5 2.6 3.8





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.568 min Scan# 1954  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Instrument :

BNA\_G

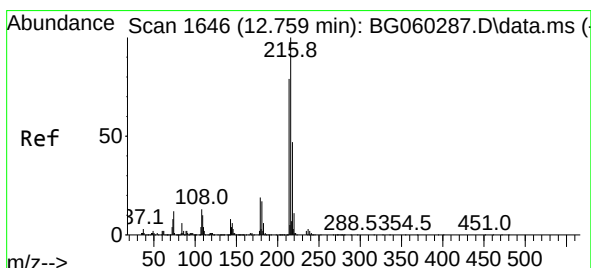
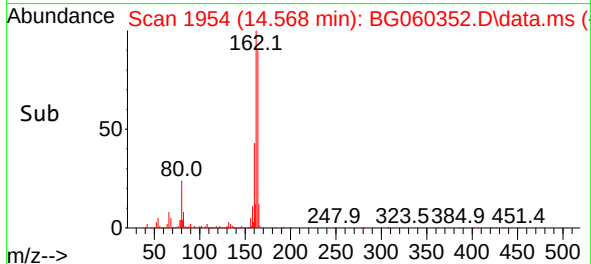
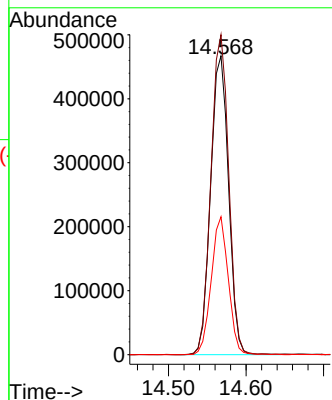
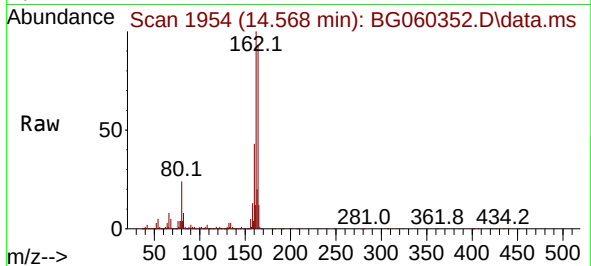
ClientSampleId :

PB158482BS

Tgt Ion:164 Resp: 74887  
Ion Ratio Lower Upper  
164 100  
162 107.1 84.4 126.6  
160 46.2 34.6 52.0

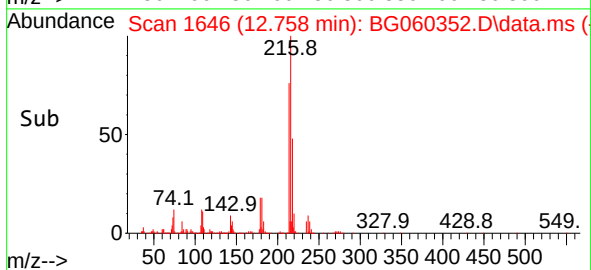
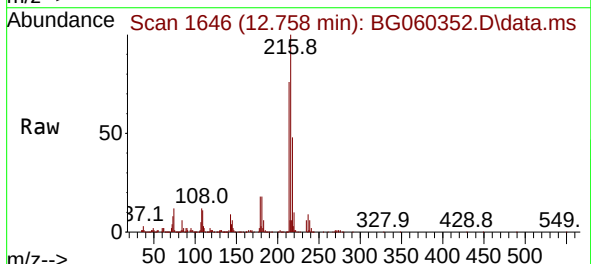
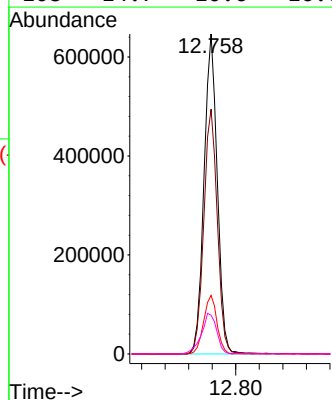
Manual Integrations  
APPROVED

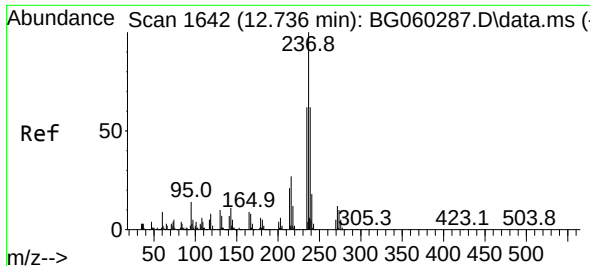
Reviewed By :Jagrut Upadhyay 01/23/2024  
Supervised By :mohammad ahmed 01/24/2024



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 38.055 ng  
RT: 12.758 min Scan# 1646  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Tgt Ion:216 Resp: 1012125  
Ion Ratio Lower Upper  
216 100  
214 78.0 62.6 93.8  
179 18.6 14.8 22.2  
108 14.7 10.6 16.0





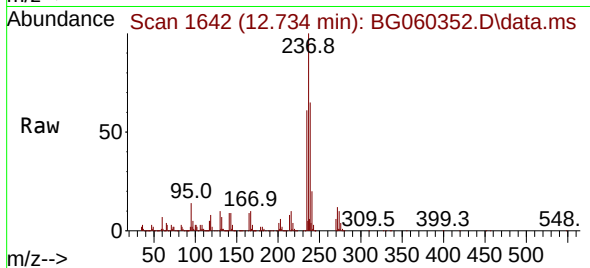
#41  
Hexachlorocyclopentadiene  
Concen: 108.715 ng  
RT: 12.734 min Scan# 1  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Instrument :

BNA\_G

ClientSampleId :

PB158482BS

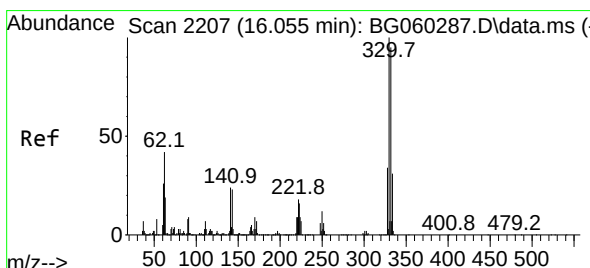
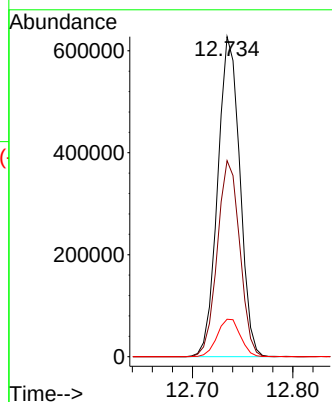
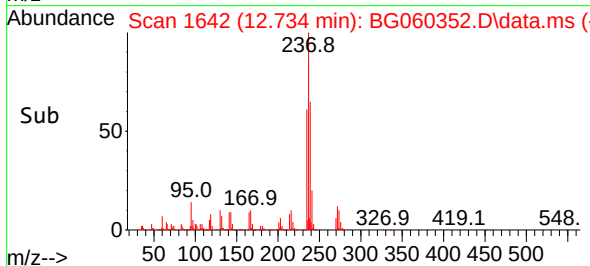


Tgt Ion:237 Resp: 959972  
Ion Ratio Lower Upper  
237 100  
235 61.3 41.6 81.6  
272 11.7 0.0 31.8

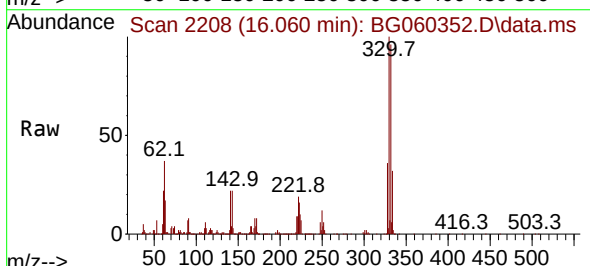
Manual Integrations

APPROVED

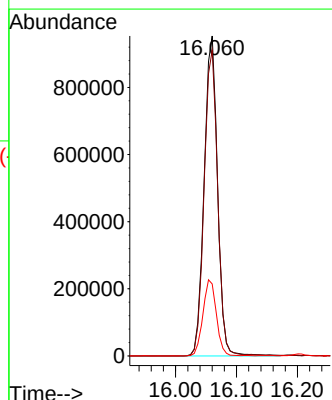
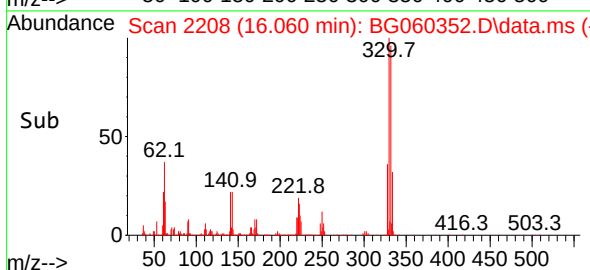
Reviewed By :Jagrut Upadhyay 01/23/2024  
Supervised By :mohammad ahmed 01/24/2024



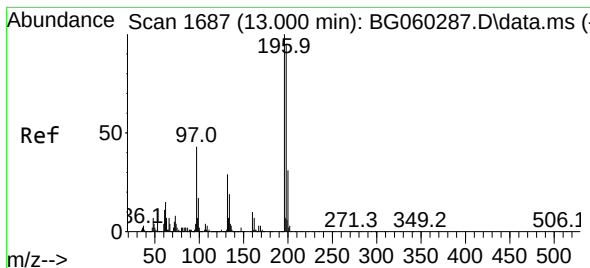
#42  
2,4,6-Tribromophenol  
Concen: 132.272 ng  
RT: 16.060 min Scan# 2208  
Delta R.T. 0.005 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43



Tgt Ion:330 Resp: 1457384  
Ion Ratio Lower Upper  
330 100  
332 95.7 76.7 115.1  
141 23.9 18.6 28.0







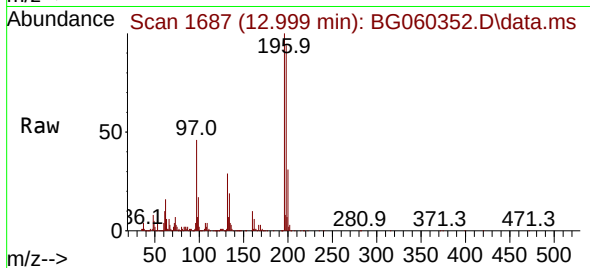
#43  
2,4,6-Trichlorophenol  
Concen: 41.669 ng  
RT: 12.999 min Scan# 1700  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Instrument :

BNA\_G

ClientSampleId :

PB158482BS

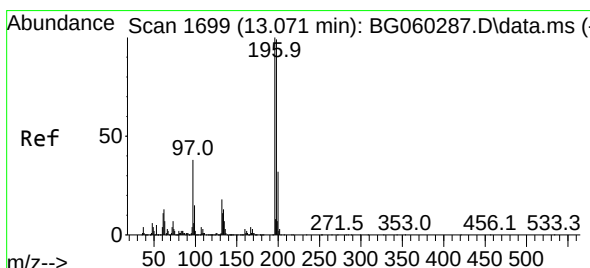
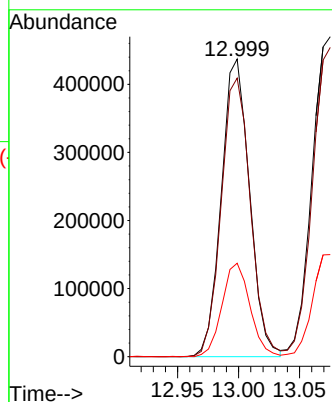
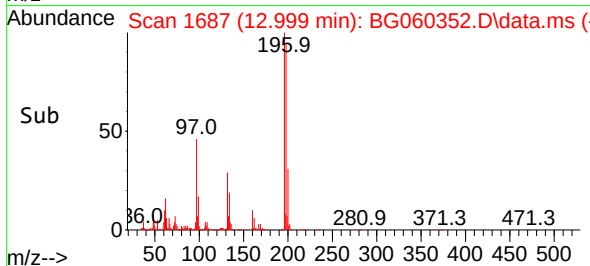


Tgt Ion:196 Resp: 705280  
Ion Ratio Lower Upper  
196 100  
198 93.6 75.7 113.5  
200 31.4 24.7 37.1

Manual Integrations

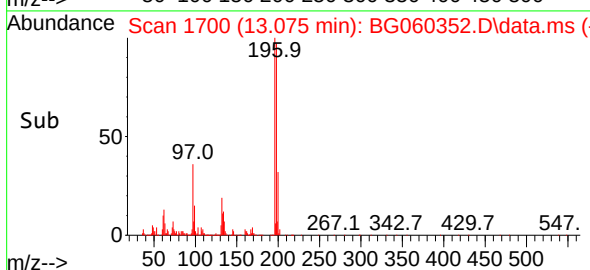
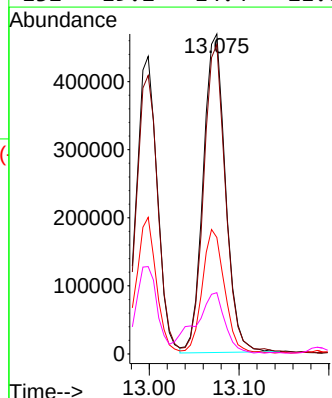
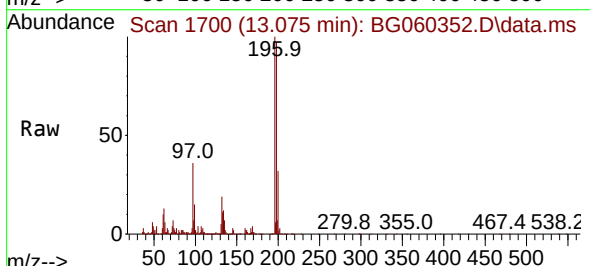
APPROVED

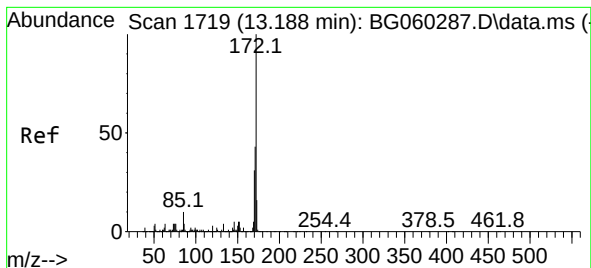
Reviewed By :Jagrut Upadhyay 01/23/2024  
Supervised By :mohammad ahmed 01/24/2024



#44  
2,4,5-Trichlorophenol  
Concen: 43.188 ng  
RT: 13.075 min Scan# 1700  
Delta R.T. 0.005 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Tgt Ion:196 Resp: 806263  
Ion Ratio Lower Upper  
196 100  
198 96.6 78.6 118.0  
97 36.4 30.6 46.0  
132 19.2 14.4 21.6





#45  
2-Fluorobiphenyl  
Concen: 71.967 ng  
RT: 13.187 min Scan# 1719  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Instrument :

BNA\_G

ClientSampleId :

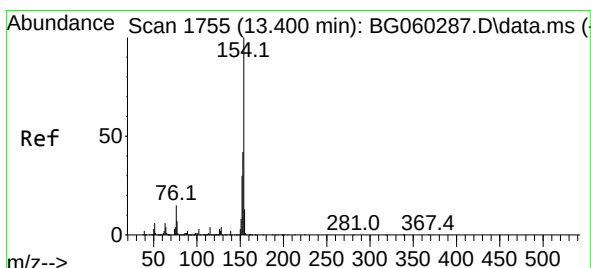
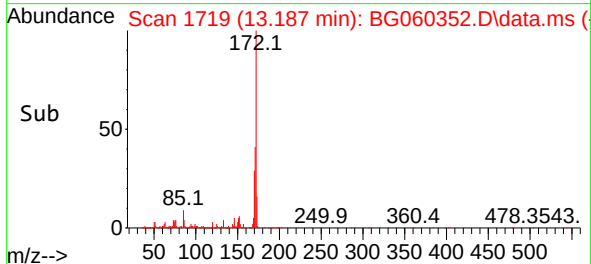
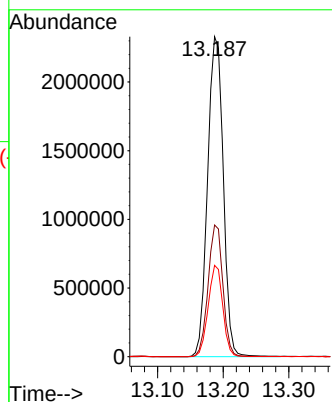
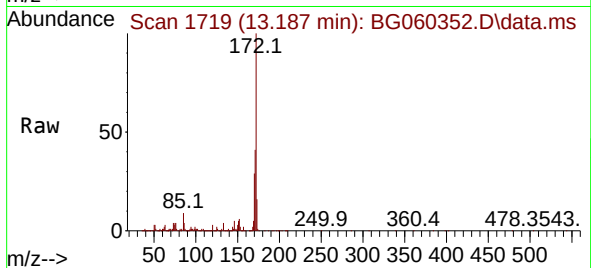
PB158482BS

Tgt Ion:172 Resp: 3876358  
Ion Ratio Lower Upper  
172 100  
171 41.2 34.6 51.8  
170 28.5 24.4 36.6

Manual Integrations

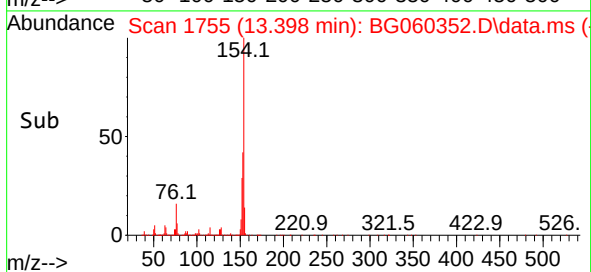
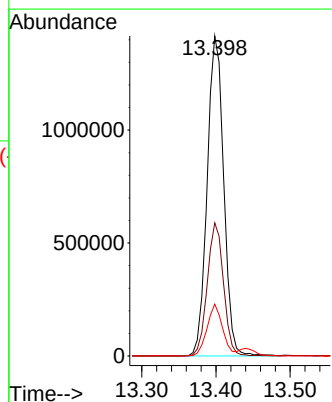
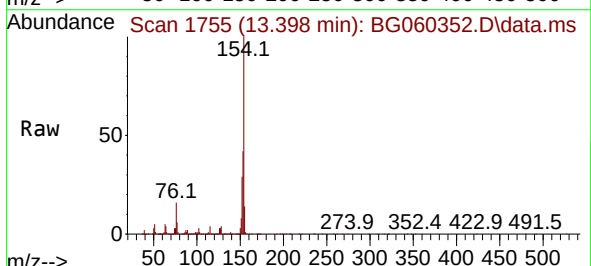
APPROVED

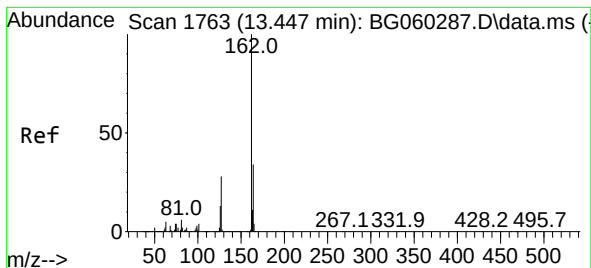
Reviewed By :Jagrut Upadhyay 01/23/2024  
Supervised By :mohammad ahmed 01/24/2024



#46  
1,1'-Biphenyl  
Concen: 38.891 ng  
RT: 13.398 min Scan# 1755  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Tgt Ion:154 Resp: 2198432  
Ion Ratio Lower Upper  
154 100  
153 41.6 22.0 62.0  
76 16.2 0.0 35.2





#47  
2-Chloronaphthalene  
Concen: 37.976 ng  
RT: 13.439 min Scan# 1762  
Delta R.T. -0.007 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Instrument :

BNA\_G

ClientSampleId :

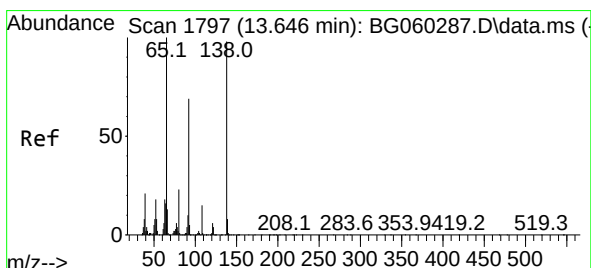
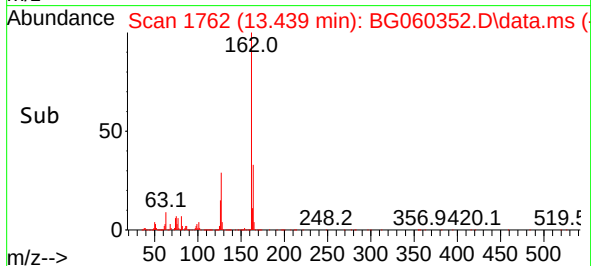
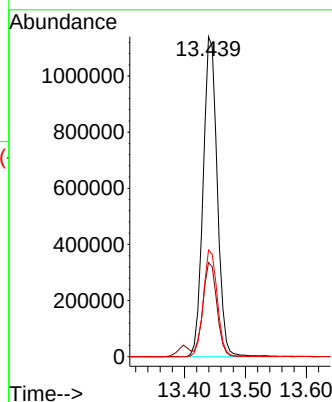
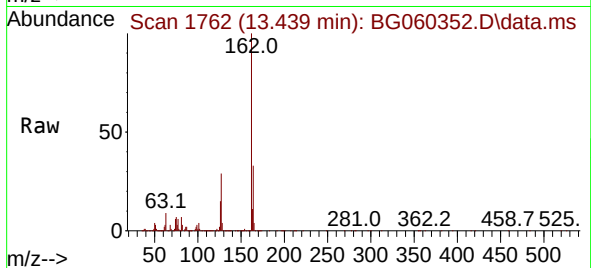
PB158482BS

Tgt Ion:162 Resp: 183905  
Ion Ratio Lower Upper  
162 100  
127 29.4 23.5 35.3  
164 33.4 26.9 40.3

Manual Integrations

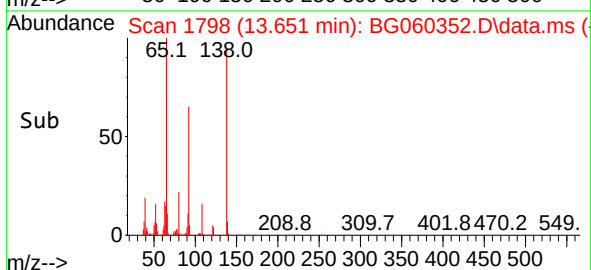
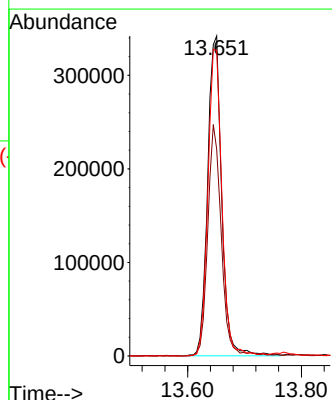
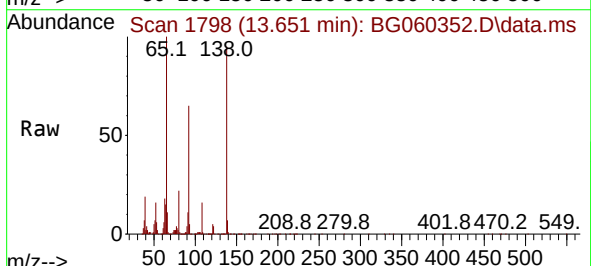
APPROVED

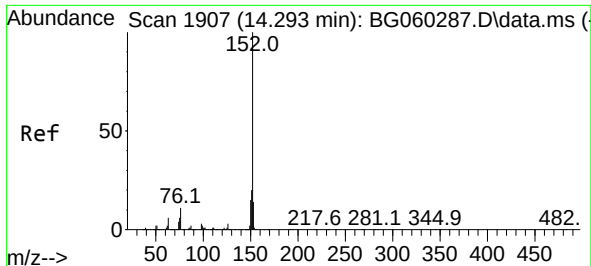
Reviewed By :Jagrut Upadhyay 01/23/2024  
Supervised By :mohammad ahmed 01/24/2024



#48  
2-Nitroaniline  
Concen: 48.534 ng  
RT: 13.651 min Scan# 1798  
Delta R.T. 0.005 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Tgt Ion: 65 Resp: 585326  
Ion Ratio Lower Upper  
65 100  
92 64.6 55.0 82.6  
138 95.5 78.1 117.1





#49  
Acenaphthylene  
Concen: 44.421 ng  
RT: 14.291 min Scan# 1907  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Instrument :

BNA\_G

ClientSampleId :

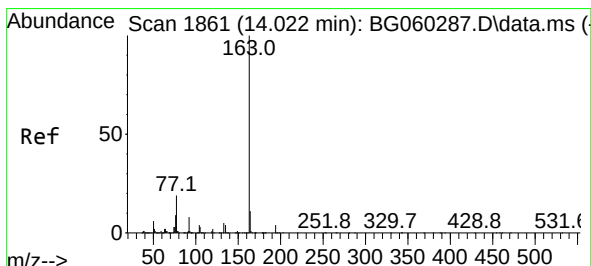
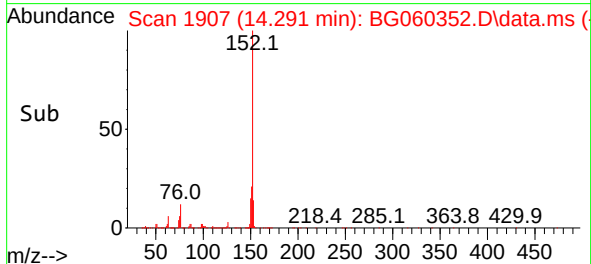
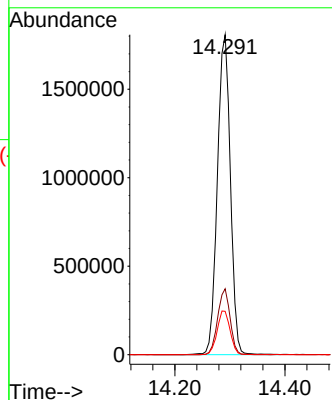
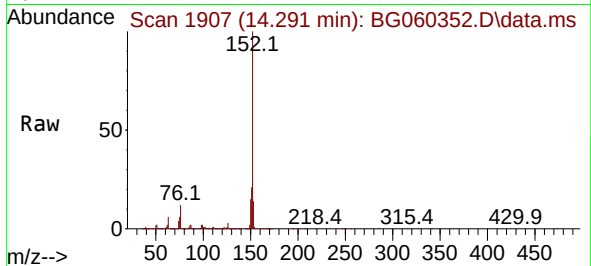
PB158482BS

Tgt Ion:152 Resp: 2962260  
Ion Ratio Lower Upper  
152 100  
151 20.6 16.1 24.1  
153 13.6 11.5 17.3

Manual Integrations

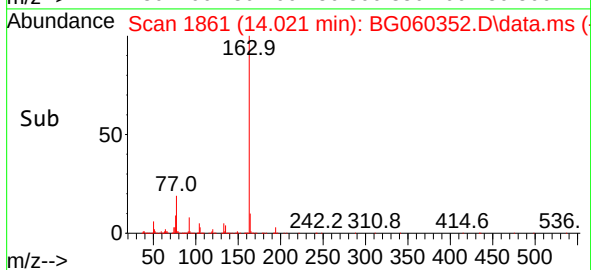
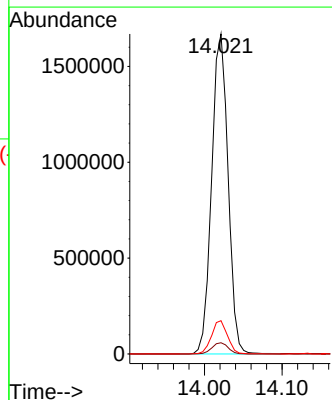
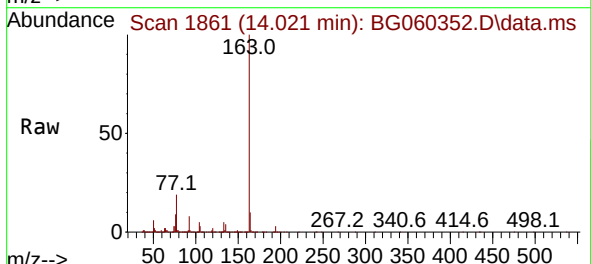
APPROVED

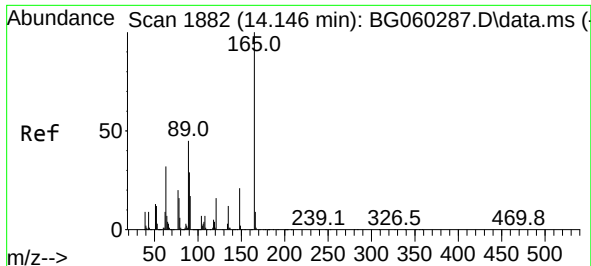
Reviewed By :Jagrut Upadhyay 01/23/2024  
Supervised By :mohammad ahmed 01/24/2024



#50  
Dimethylphthalate  
Concen: 42.844 ng  
RT: 14.021 min Scan# 1861  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Tgt Ion:163 Resp: 2451865  
Ion Ratio Lower Upper  
163 100  
194 3.5 3.0 4.4  
164 10.4 8.8 13.2





#51  
2,6-Dinitrotoluene  
Concen: 44.562 ng  
RT: 14.139 min Scan# 1881  
Delta R.T. -0.007 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Instrument :

BNA\_G

ClientSampleId :

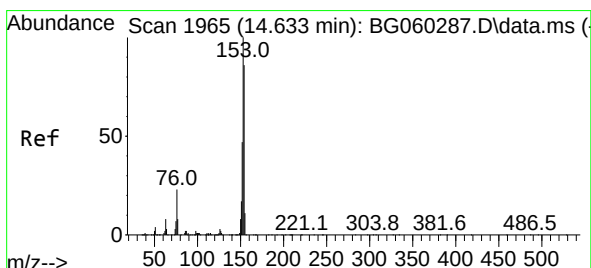
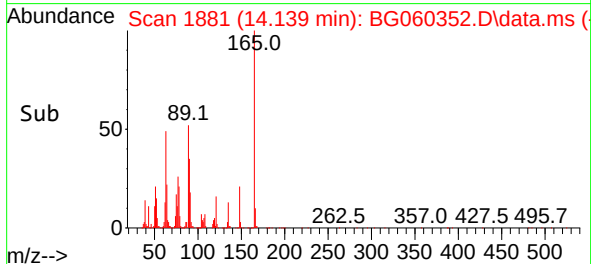
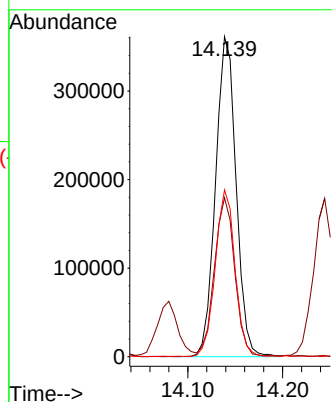
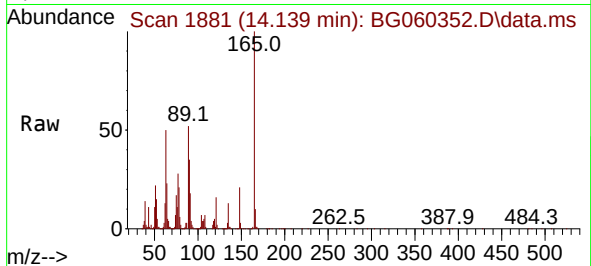
PB158482BS

Tgt Ion:165 Resp: 54415  
Ion Ratio Lower Upper  
165 100  
63 49.7 35.0 52.4  
89 52.1 36.2 54.2

Manual Integrations

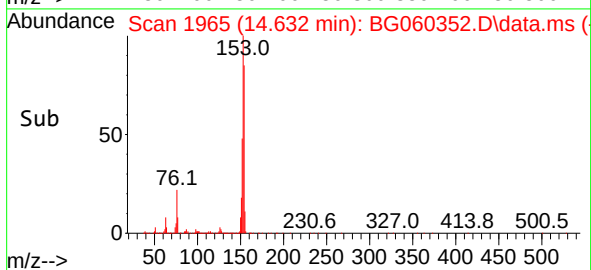
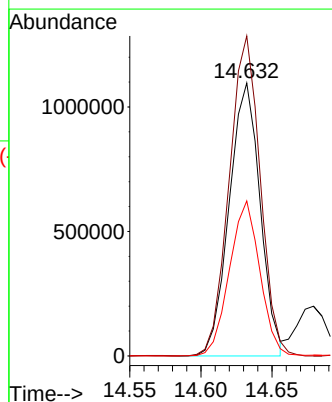
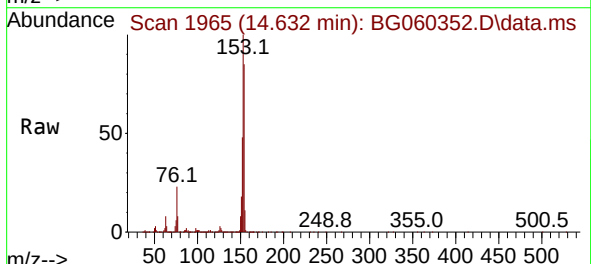
APPROVED

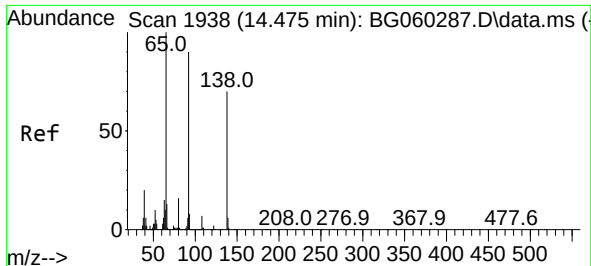
Reviewed By :Jagrut Upadhyay 01/23/2024  
Supervised By :mohammad ahmed 01/24/2024



#52  
Acenaphthene  
Concen: 40.020 ng  
RT: 14.632 min Scan# 1965  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Tgt Ion:154 Resp: 1661814  
Ion Ratio Lower Upper  
154 100  
153 117.2 92.6 138.8  
152 56.8 43.8 65.8





#53  
3-Nitroaniline  
Concen: 34.787 ng  
RT: 14.474 min Scan# 1938  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Instrument :

BNA\_G

ClientSampleId :

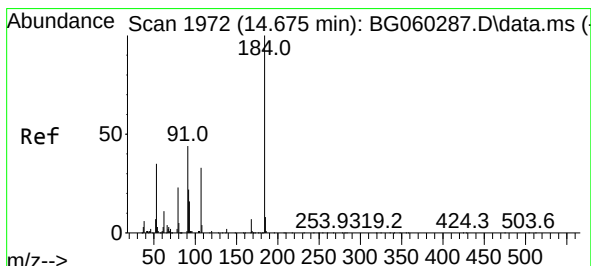
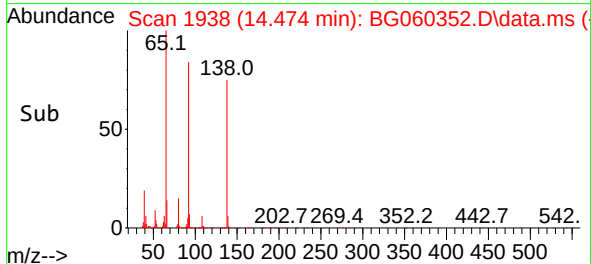
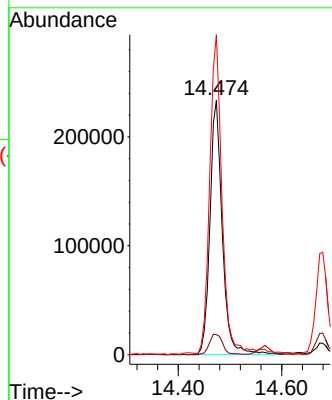
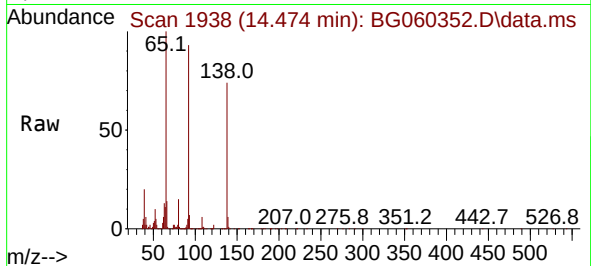
PB158482BS

Tgt Ion:138 Resp: 38706  
Ion Ratio Lower Upper  
138 100  
108 7.9 7.8 11.8  
92 125.8 102.4 153.6

Manual Integrations

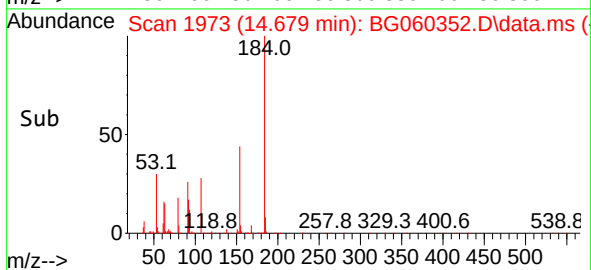
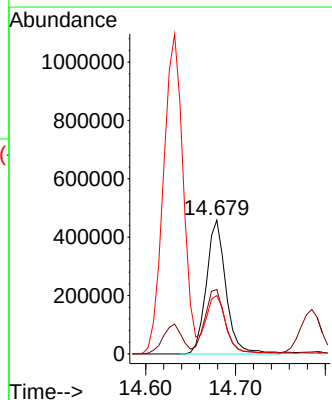
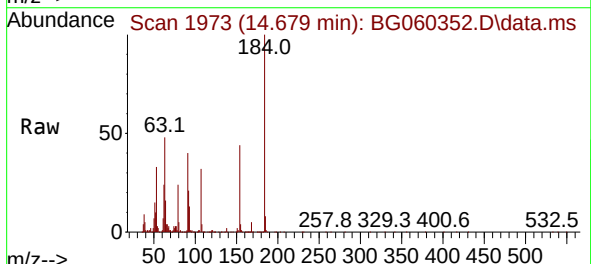
APPROVED

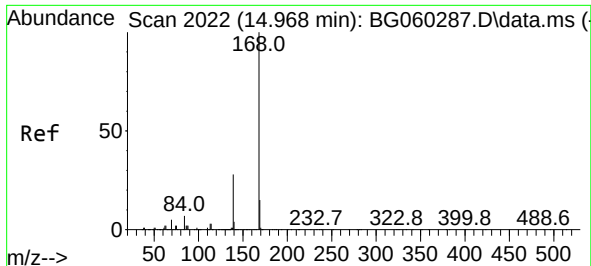
Reviewed By :Jagrut Upadhyay 01/23/2024  
Supervised By :mohammad ahmed 01/24/2024



#54  
2,4-Dinitrophenol  
Concen: 92.332 ng  
RT: 14.679 min Scan# 1973  
Delta R.T. 0.004 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Tgt Ion:184 Resp: 694589  
Ion Ratio Lower Upper  
184 100  
63 48.3 41.0 61.4  
154 43.7 39.2 58.8





#55  
Dibenzenofuran  
Concen: 41.856 ng  
RT: 14.967 min Scan# 20  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Instrument :

BNA\_G

ClientSampleId :

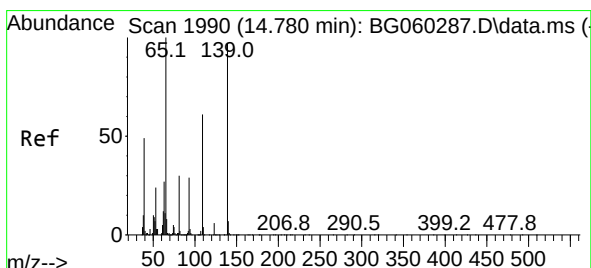
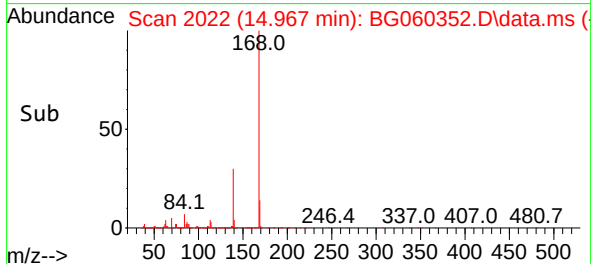
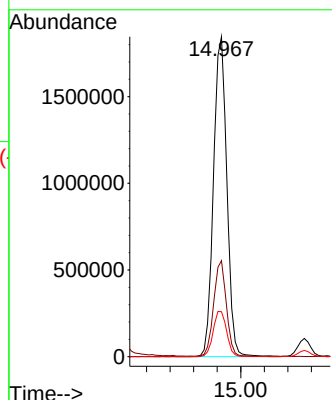
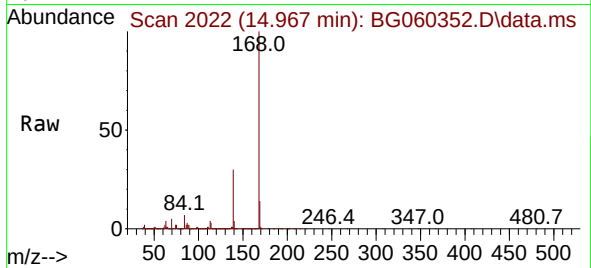
PB158482BS

Tgt Ion:168 Resp: 2901369  
Ion Ratio Lower Upper  
168 100  
139 30.0 22.6 34.0  
169 14.0 12.1 18.1

Manual Integrations

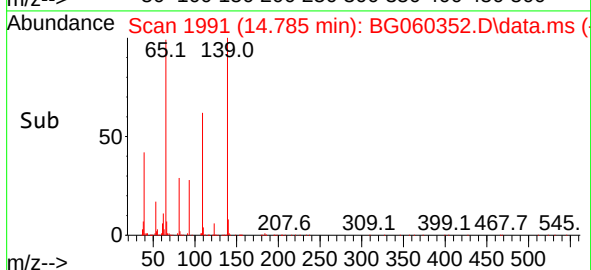
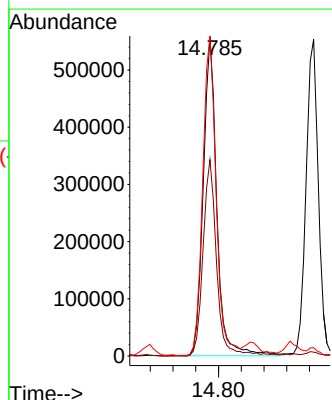
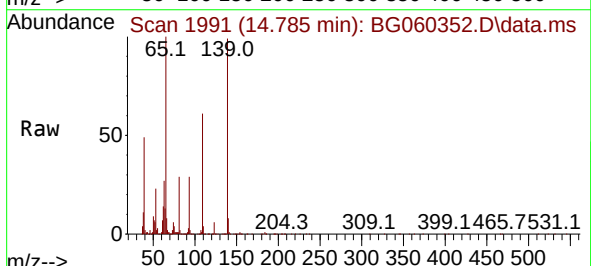
APPROVED

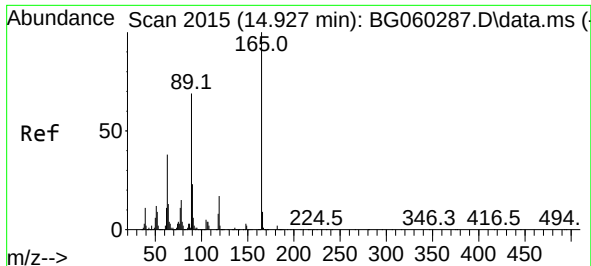
Reviewed By :Jagrut Upadhyay 01/23/2024  
Supervised By :mohammad ahmed 01/24/2024



#56  
4-Nitrophenol  
Concen: 111.463 ng  
RT: 14.785 min Scan# 1991  
Delta R.T. 0.005 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Tgt Ion:139 Resp: 919919  
Ion Ratio Lower Upper  
139 100  
109 61.7 42.2 82.2  
65 100.6 83.3 123.3





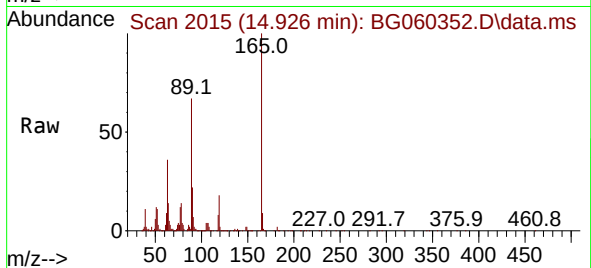
#57  
2,4-Dinitrotoluene  
Concen: 46.196 ng  
RT: 14.926 min Scan# 2015  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Instrument :

BNA\_G

ClientSampleId :

PB158482BS

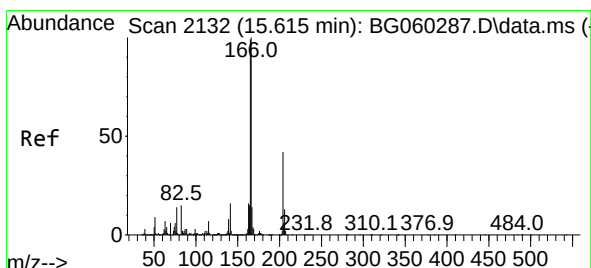
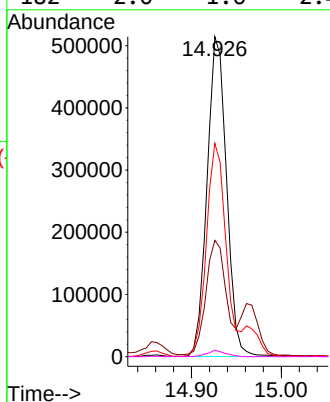
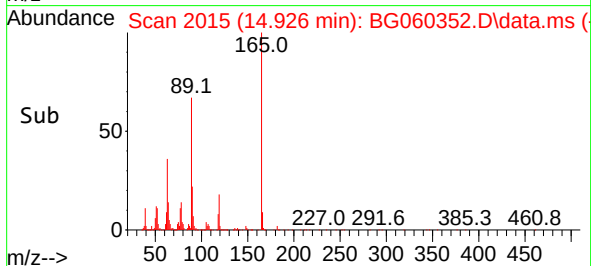


Tgt Ion:165 Resp: 77356  
Ion Ratio Lower Upper  
165 100  
63 36.4 30.4 45.6  
89 66.7 55.4 83.0  
182 2.0 1.6 2.4

Manual Integrations

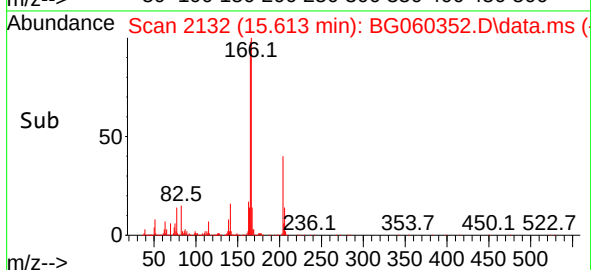
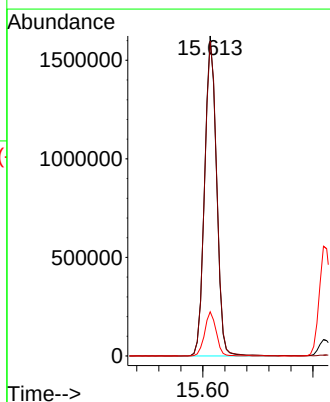
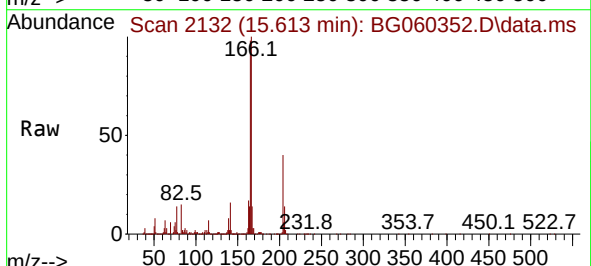
APPROVED

Reviewed By :Jagrut Upadhyay 01/23/2024  
Supervised By :mohammad ahmed 01/24/2024

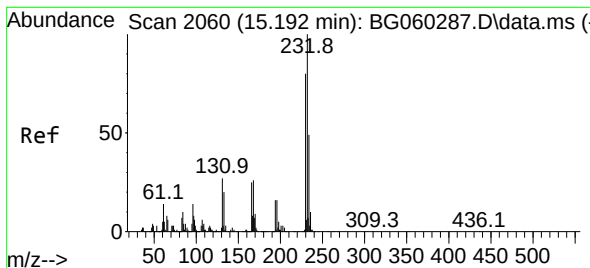


#58  
Fluorene  
Concen: 42.334 ng  
RT: 15.613 min Scan# 2132  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Tgt Ion:166 Resp: 2430122  
Ion Ratio Lower Upper  
166 100  
165 98.3 79.0 118.6  
167 13.8 11.4 17.0







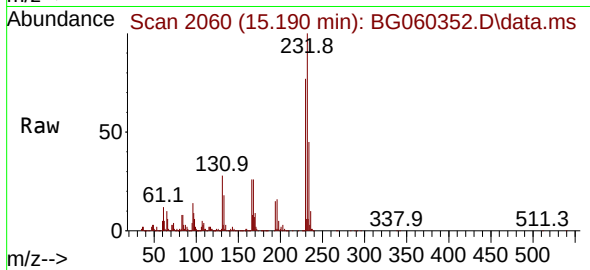
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 48.318 ng  
RT: 15.190 min Scan# 2060  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Instrument :

BNA\_G

ClientSampleId :

PB158482BS

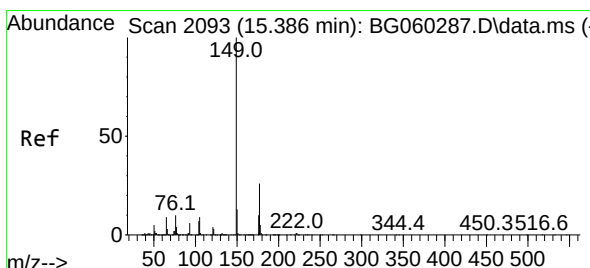
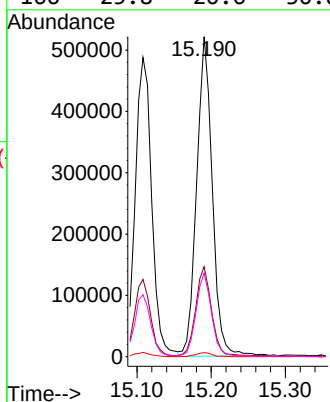
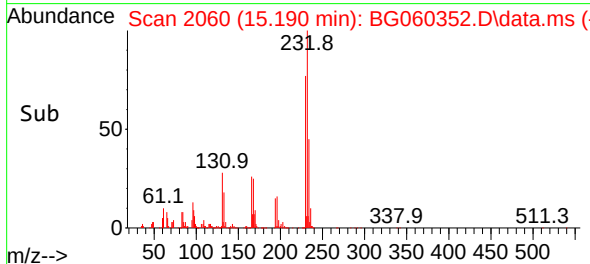


Tgt Ion:232 Resp: 765974  
Ion Ratio Lower Upper  
232 100  
131 28.8 22.7 34.1  
130 1.3 1.1 1.7  
166 25.8 20.6 30.8

Manual Integrations

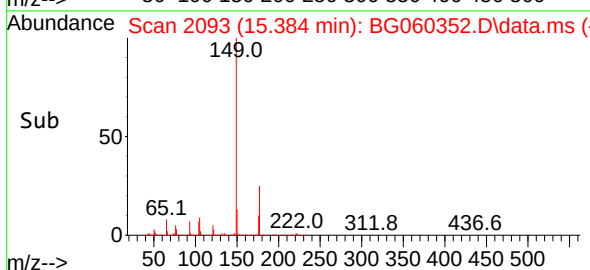
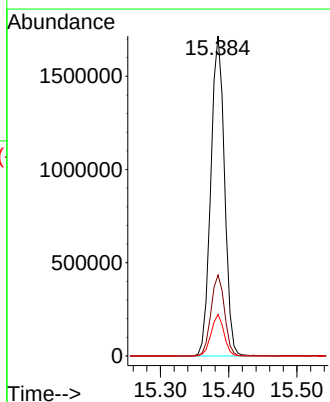
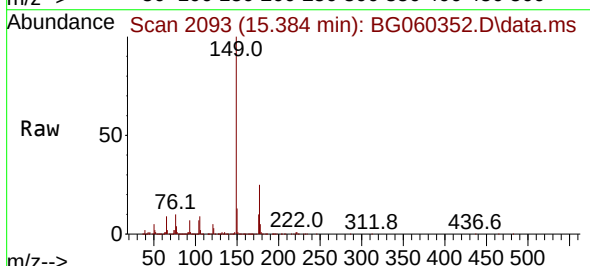
APPROVED

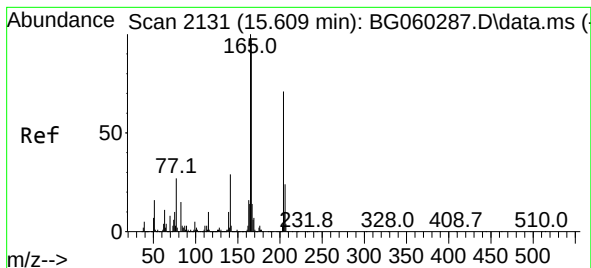
Reviewed By :Jagrut Upadhyay 01/23/2024  
Supervised By :mohammad ahmed 01/24/2024



#60  
Diethylphthalate  
Concen: 43.686 ng  
RT: 15.384 min Scan# 2093  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Tgt Ion:149 Resp: 2400135  
Ion Ratio Lower Upper  
149 100  
177 25.3 20.9 31.3  
150 13.0 10.2 15.2





#61  
4-Chlorophenyl-phenylether  
Concen: 41.187 ng  
RT: 15.608 min Scan# 2131  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Instrument :

BNA\_G

ClientSampleId :

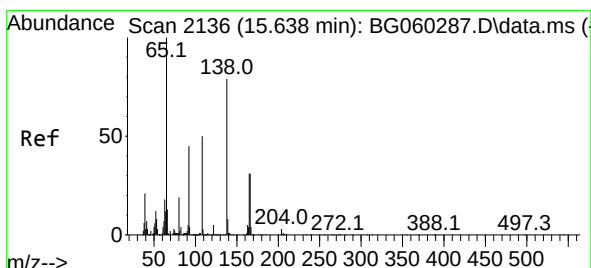
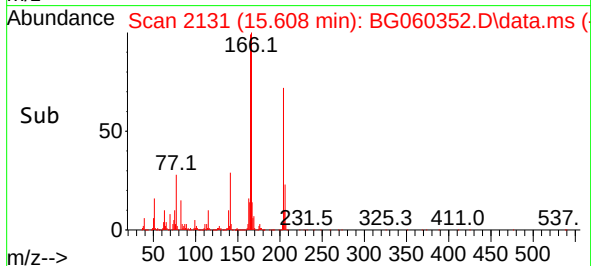
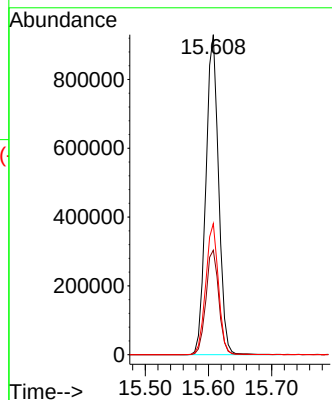
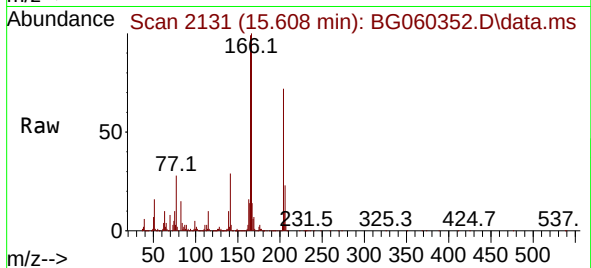
PB158482BS

Tgt Ion:204 Resp: 130242  
Ion Ratio Lower Upper  
204 100  
206 32.7 27.1 40.7  
141 41.0 32.2 48.2

Manual Integrations

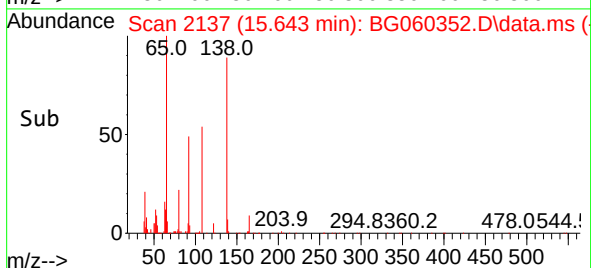
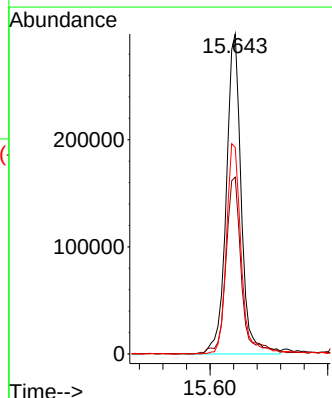
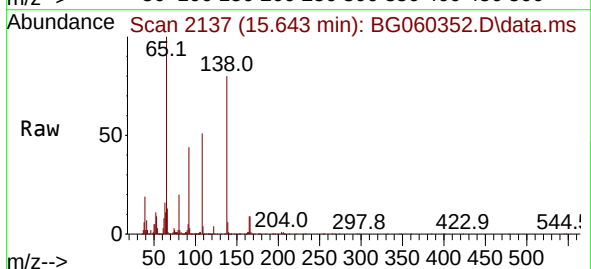
APPROVED

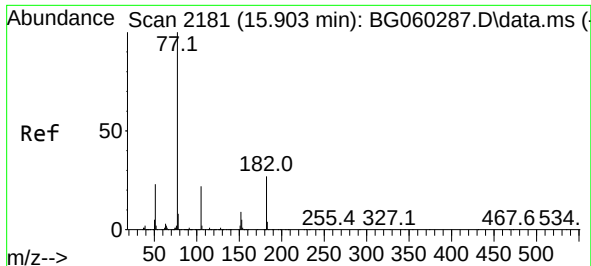
Reviewed By :Jagrut Upadhyay 01/23/2024  
Supervised By :mohammad ahmed 01/24/2024



#62  
4-Nitroaniline  
Concen: 44.585 ng  
RT: 15.643 min Scan# 2137  
Delta R.T. 0.005 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Tgt Ion:138 Resp: 527990  
Ion Ratio Lower Upper  
138 100  
92 55.3 37.0 77.0  
108 64.5 43.1 83.1





#63  
Azobenzene  
Concen: 42.970 ng  
RT: 15.901 min Scan# 2181  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Instrument :

BNA\_G

ClientSampleId :

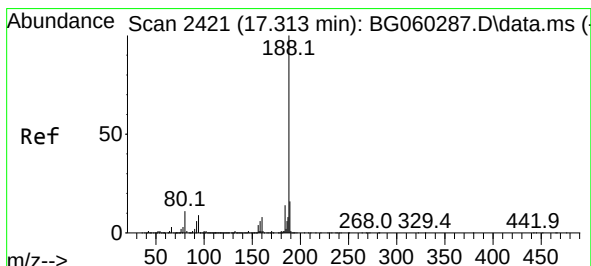
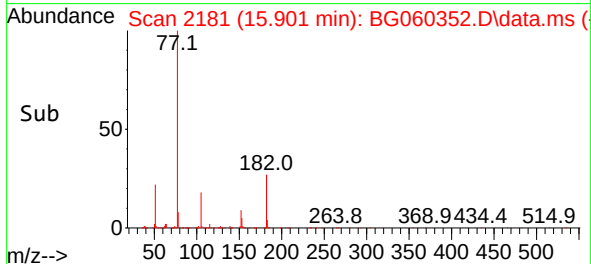
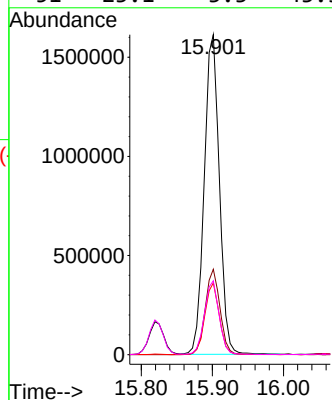
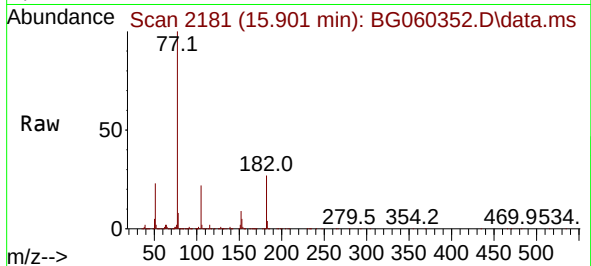
PB158482BS

Tgt Ion: 77 Resp: 2387804  
Ion Ratio Lower Upper  
77 100  
182 26.7 6.5 46.5  
105 22.4 1.8 41.8  
51 23.1 3.3 43.3

Manual Integrations

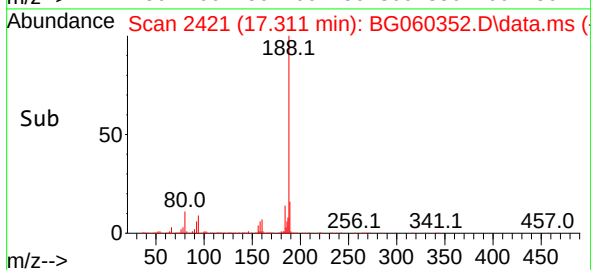
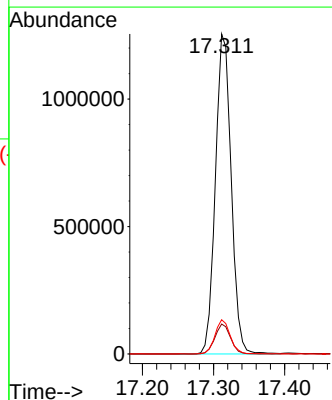
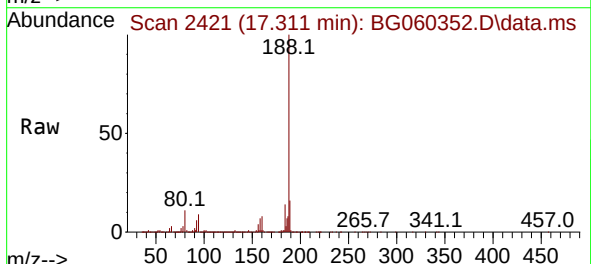
APPROVED

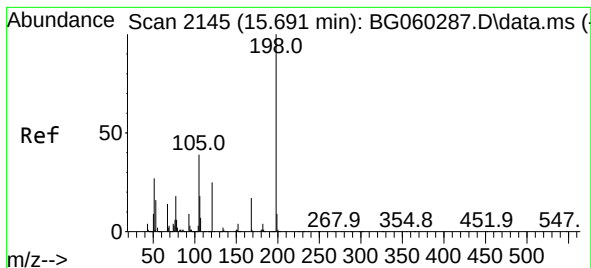
Reviewed By :Jagrut Upadhyay 01/23/2024  
Supervised By :mohammad ahmed 01/24/2024



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.311 min Scan# 2421  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Tgt Ion:188 Resp: 1930284  
Ion Ratio Lower Upper  
188 100  
94 9.4 7.1 10.7  
80 10.7 8.5 12.7





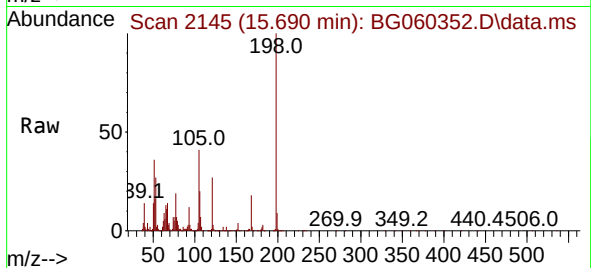
#65  
4,6-Dinitro-2-methylphenol  
Concen: 44.653 ng  
RT: 15.690 min Scan# 2145  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Instrument :

BNA\_G

ClientSampleId :

PB158482BS

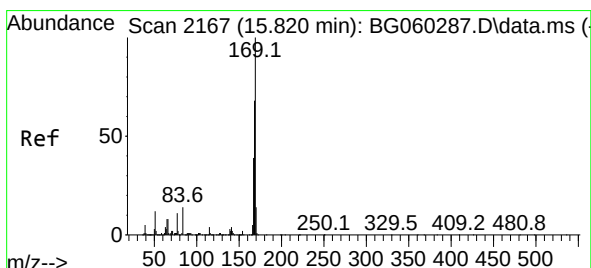
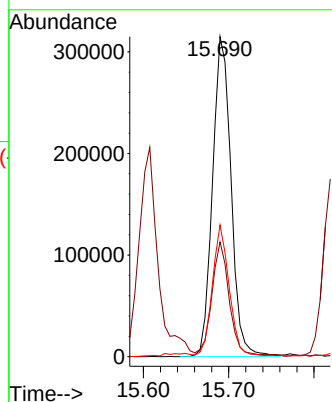
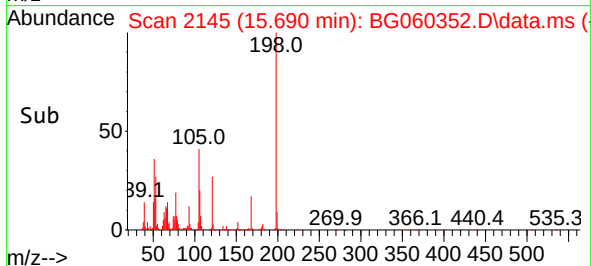


Tgt Ion:198 Resp: 476834  
Ion Ratio Lower Upper  
198 100  
51 35.9 11.8 51.8  
105 41.2 20.3 60.3

Manual Integrations

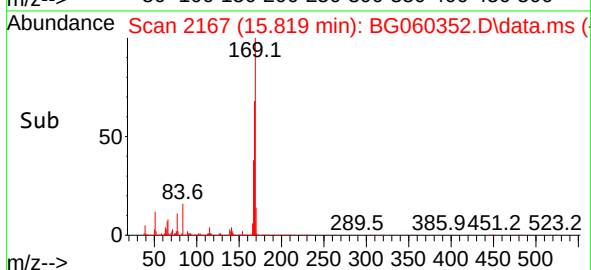
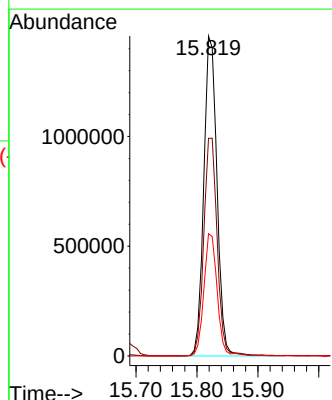
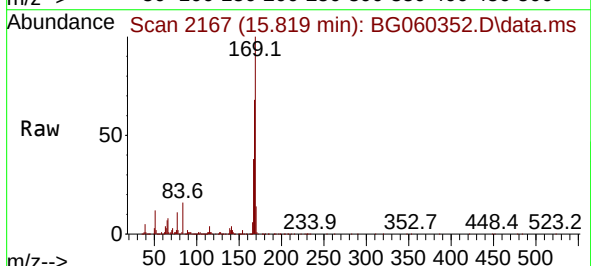
APPROVED

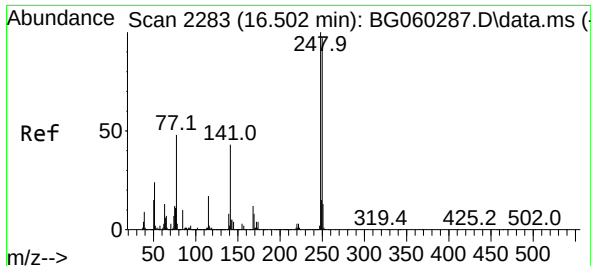
Reviewed By :Jagrut Upadhyay 01/23/2024  
Supervised By :mohammad ahmed 01/24/2024



#66  
n-Nitrosodiphenylamine  
Concen: 42.946 ng  
RT: 15.819 min Scan# 2167  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Tgt Ion:169 Resp: 2201155  
Ion Ratio Lower Upper  
169 100  
168 68.0 54.4 81.6  
167 38.2 31.2 46.8





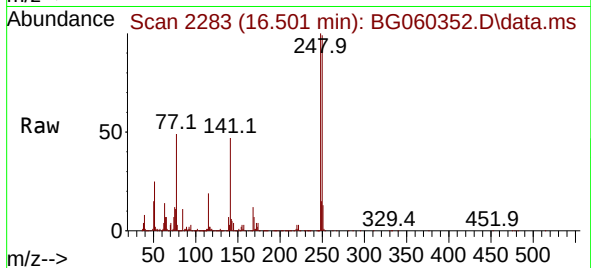
#67  
4-Bromophenyl-phenylether  
Concen: 40.331 ng  
RT: 16.501 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Instrument :

BNA\_G

ClientSampleId :

PB158482BS

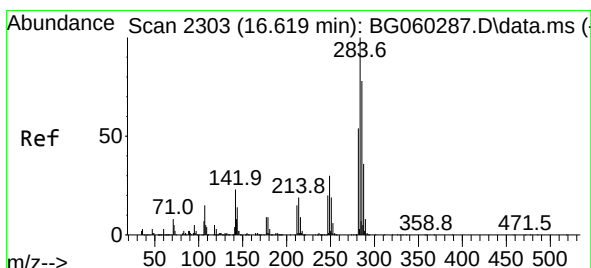
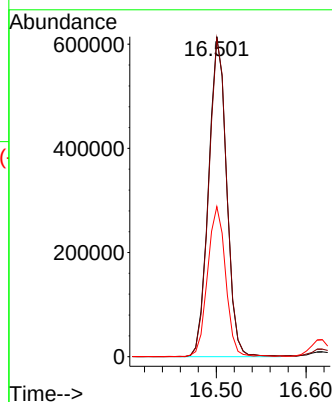
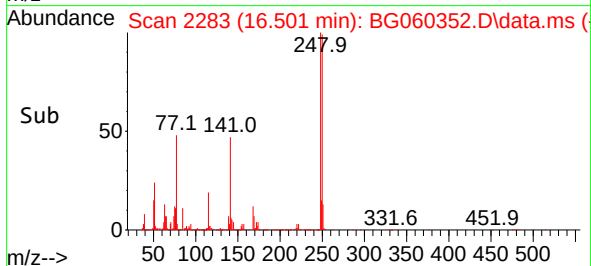


Tgt Ion:248 Resp: 855428  
Ion Ratio Lower Upper  
248 100  
250 99.5 77.6 116.4  
141 46.9 34.2 51.4

Manual Integrations

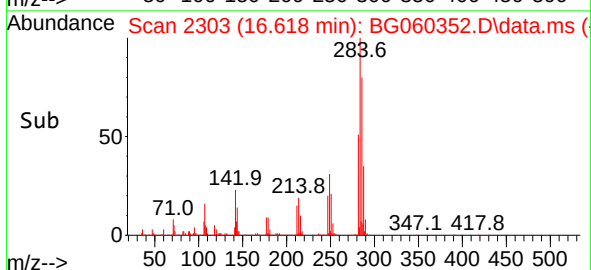
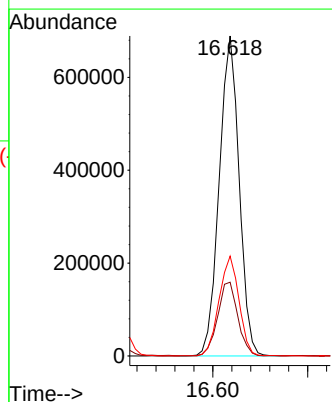
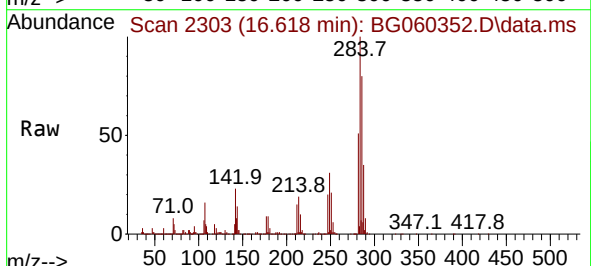
APPROVED

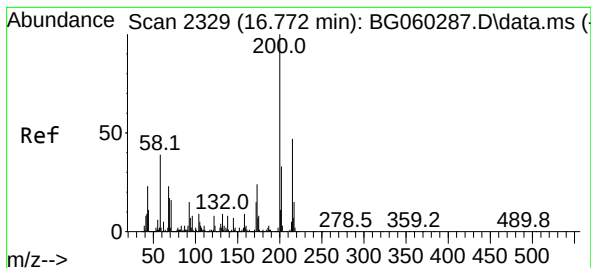
Reviewed By :Jagrut Upadhyay 01/23/2024  
Supervised By :mohammad ahmed 01/24/2024



#68  
Hexachlorobenzene  
Concen: 40.089 ng  
RT: 16.618 min Scan# 2303  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Tgt Ion:284 Resp: 1006500  
Ion Ratio Lower Upper  
284 100  
142 23.0 18.2 27.4  
249 31.2 24.3 36.5





#69

Atrazine

Concen: 34.511 ng

RT: 16.765 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG060352.D

Acq: 18 Jan 2024 14:43

Instrument :

BNA\_G

ClientSampleId :

PB158482BS

Tgt Ion:200 Resp: 66696

Ion Ratio Lower Upper

200 100

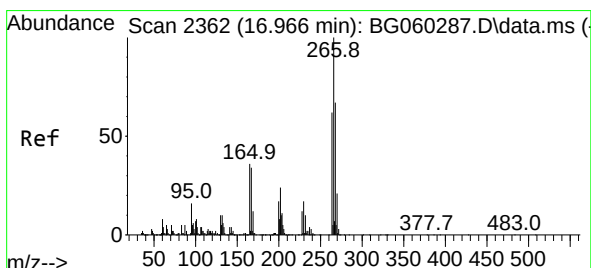
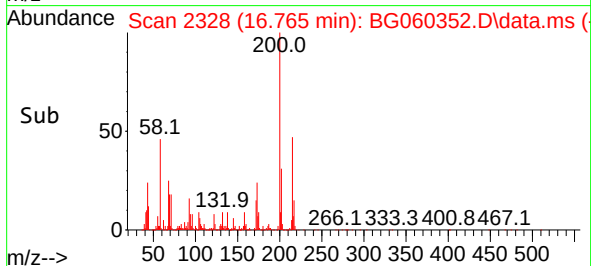
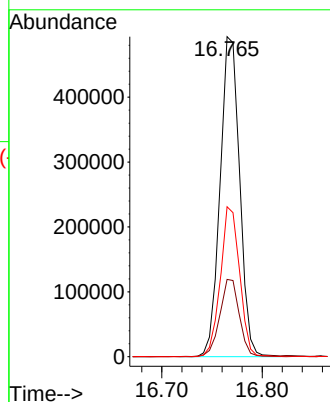
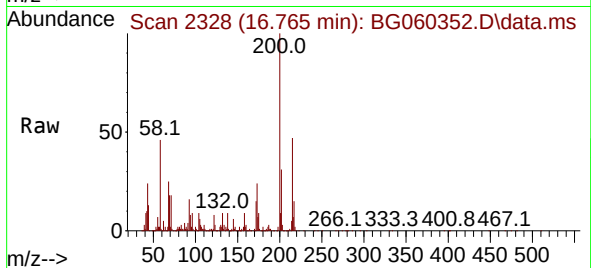
173 24.2 4.1 44.1

215 46.8 27.4 67.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/23/2024  
Supervised By :mohammad ahmed 01/24/2024



#70

Pentachlorophenol

Concen: 92.686 ng

RT: 16.965 min Scan# 2362

Delta R.T. -0.001 min

Lab File: BG060352.D

Acq: 18 Jan 2024 14:43

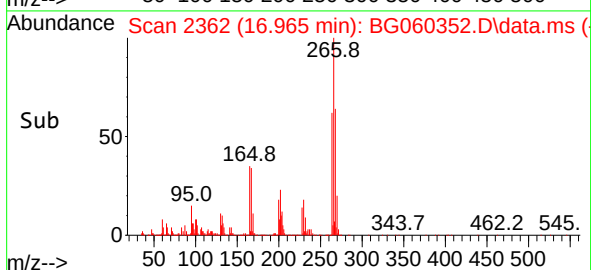
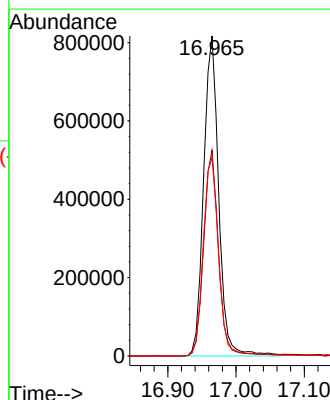
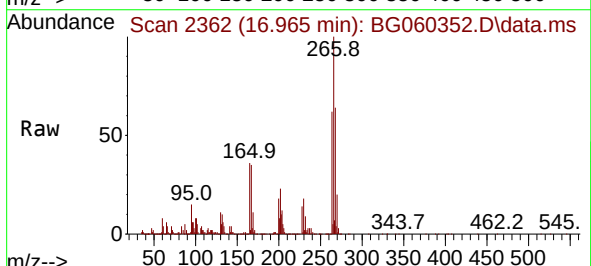
Tgt Ion:266 Resp: 1254314

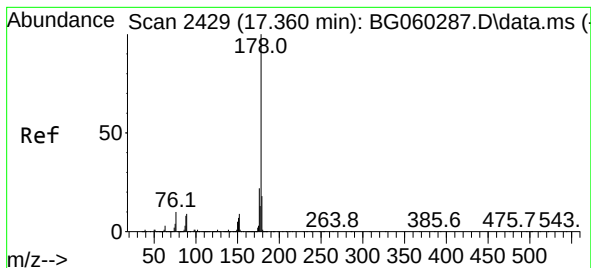
Ion Ratio Lower Upper

266 100

268 64.3 57.4 86.2

264 62.0 49.8 74.8





#71

Phenanthrene

Concen: 42.428 ng

RT: 17.358 min Scan# 2429

Delta R.T. -0.001 min

Lab File: BG060352.D

Acq: 18 Jan 2024 14:43

Instrument :

BNA\_G

ClientSampleId :

PB158482BS

Tgt Ion:178 Resp: 395861

Ion Ratio Lower Upper

178 100

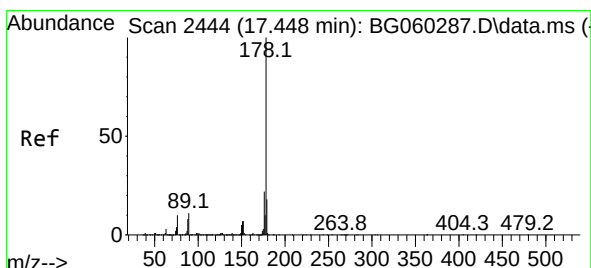
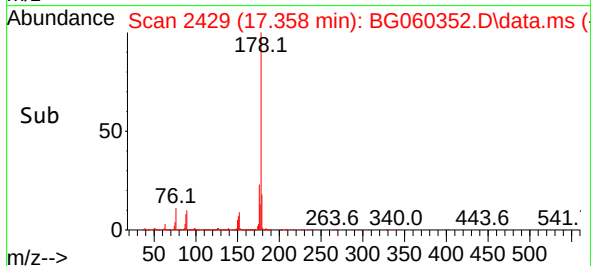
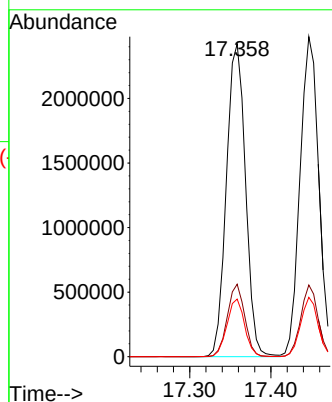
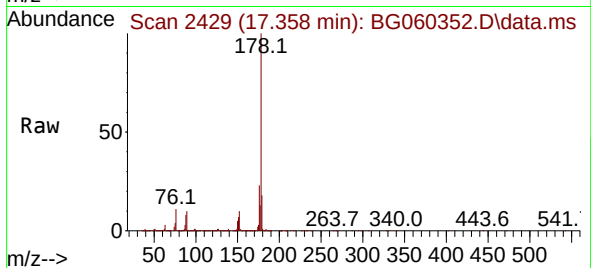
176 23.2 17.4 26.2

179 18.4 14.7 22.1

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/23/2024  
Supervised By :mohammad ahmed 01/24/2024



#72

Anthracene

Concen: 42.929 ng

RT: 17.447 min Scan# 2444

Delta R.T. -0.001 min

Lab File: BG060352.D

Acq: 18 Jan 2024 14:43

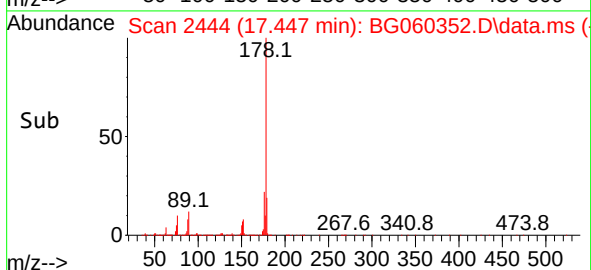
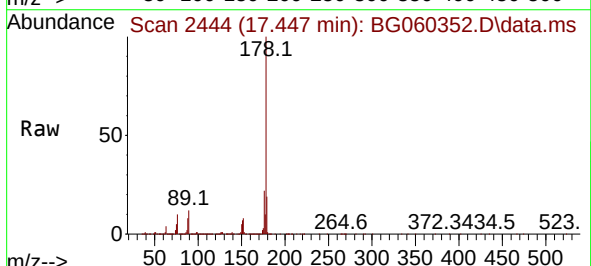
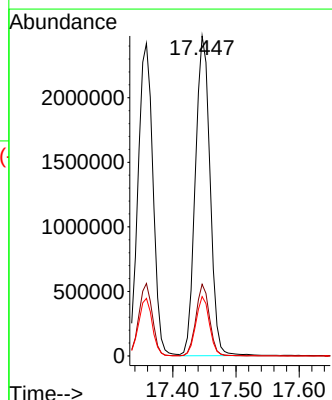
Tgt Ion:178 Resp: 3998943

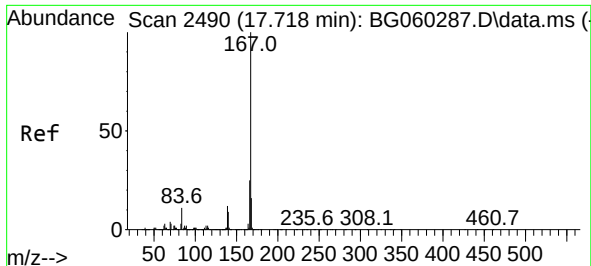
Ion Ratio Lower Upper

178 100

176 22.4 17.8 26.6

179 18.6 14.1 21.1





#73  
 Carbazole  
 Concen: 41.850 ng  
 RT: 17.717 min Scan# 2490  
 Delta R.T. -0.001 min  
 Lab File: BG060352.D  
 Acq: 18 Jan 2024 14:43

Instrument :

BNA\_G

ClientSampleId :

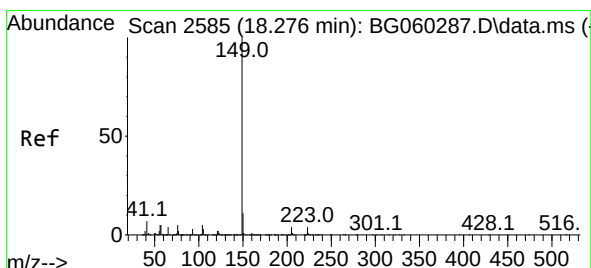
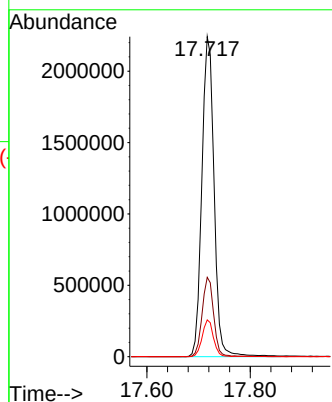
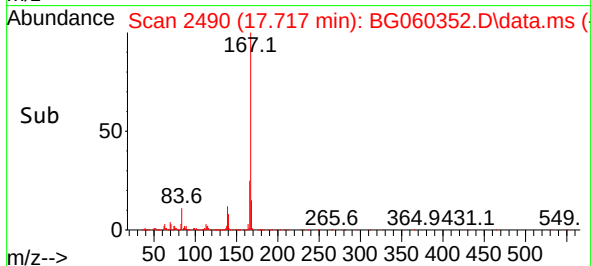
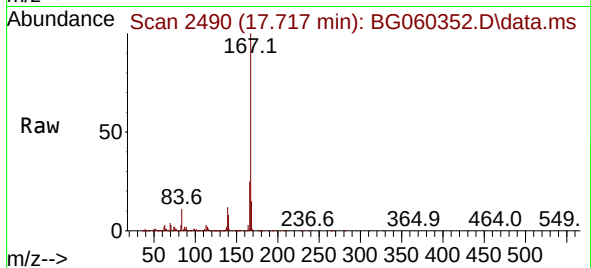
PB158482BS

Tgt Ion:167 Resp: 367525  
 Ion Ratio Lower Upper  
 167 100  
 166 24.8 19.8 29.8  
 139 11.5 9.3 13.9

Manual Integrations

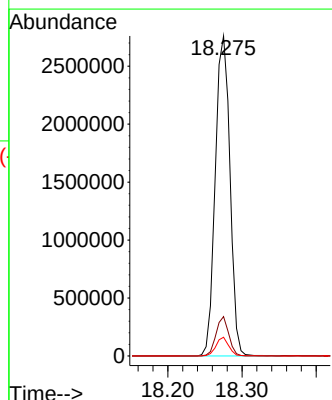
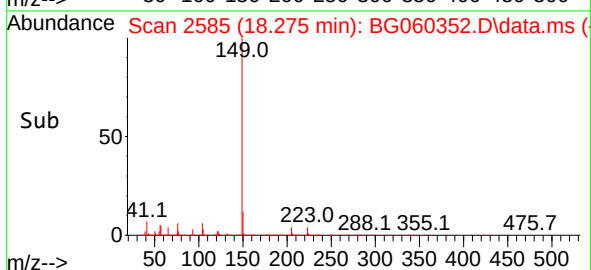
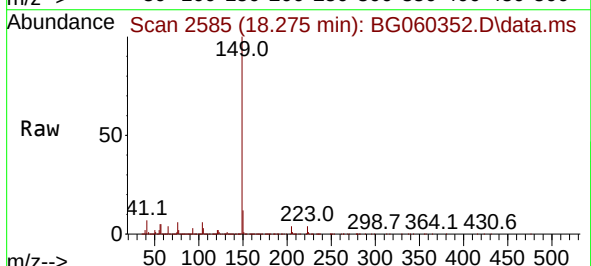
APPROVED

Reviewed By :Jagrut Upadhyay 01/23/2024  
 Supervised By :mohammad ahmed 01/24/2024

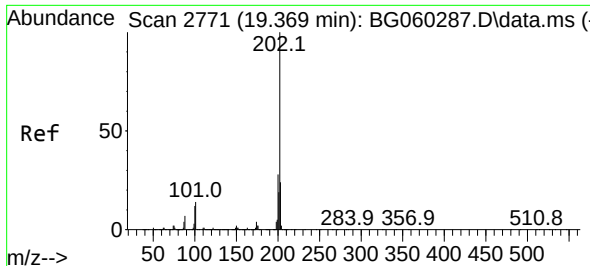


#74  
 Di-n-butylphthalate  
 Concen: 41.960 ng  
 RT: 18.275 min Scan# 2585  
 Delta R.T. -0.001 min  
 Lab File: BG060352.D  
 Acq: 18 Jan 2024 14:43

Tgt Ion:149 Resp: 3791432  
 Ion Ratio Lower Upper  
 149 100  
 150 12.3 9.1 13.7  
 104 5.8 4.3 6.5







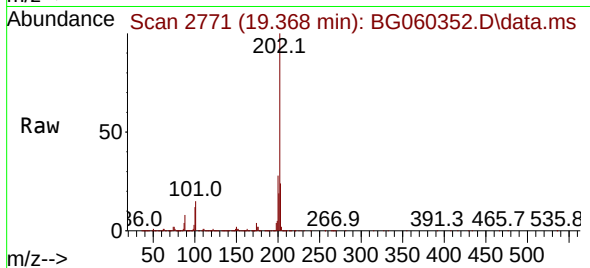
#75  
Fluoranthene  
Concen: 40.020 ng  
RT: 19.368 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Instrument :

BNA\_G

ClientSampleId :

PB158482BS

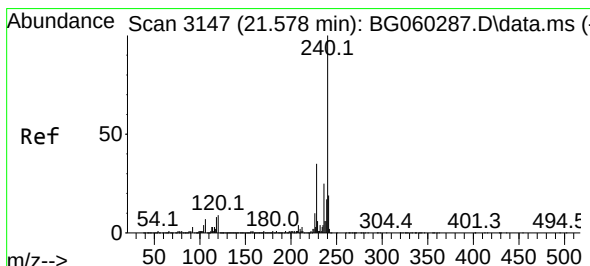
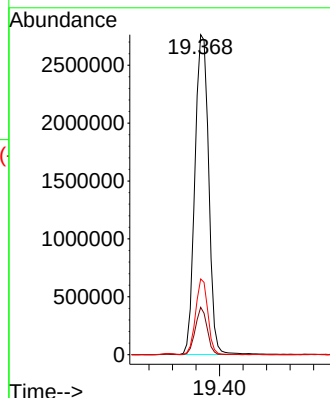
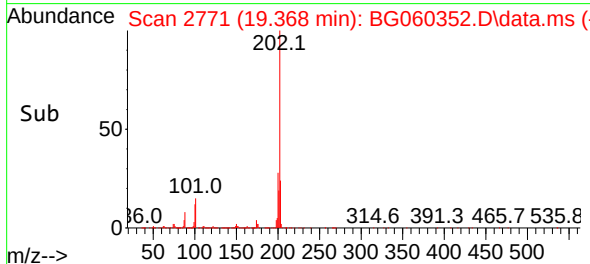


Tgt Ion:202 Resp: 448481  
Ion Ratio Lower Upper  
202 100  
101 14.8 0.0 34.4  
203 23.7 4.0 44.0

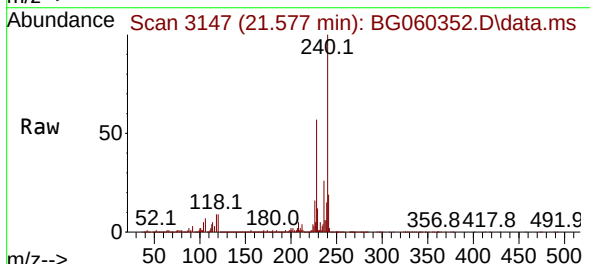
Manual Integrations

APPROVED

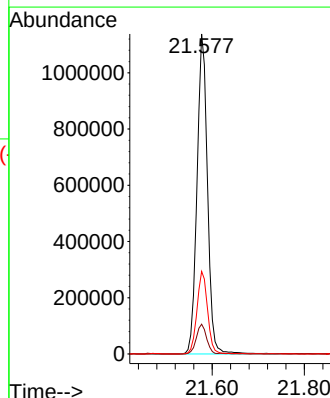
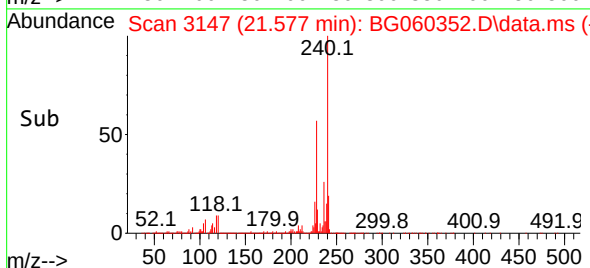
Reviewed By :Jagrut Upadhyay 01/23/2024  
Supervised By :mohammad ahmed 01/24/2024

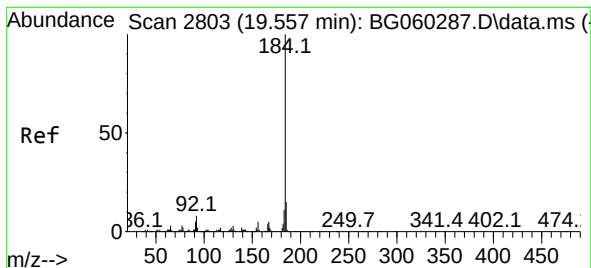


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.577 min Scan# 3147  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43



Tgt Ion:240 Resp: 1791593  
Ion Ratio Lower Upper  
240 100  
120 9.3 7.3 10.9  
236 25.8 20.3 30.5





#77

Benzidine

Concen: 32.669 ng

RT: 19.556 min Scan# 2803

Delta R.T. -0.001 min

Lab File: BG060352.D

Acq: 18 Jan 2024 14:43

Instrument :

BNA\_G

ClientSampleId :

PB158482BS

Tgt Ion:184 Resp: 1271549

Ion Ratio Lower Upper

184 100

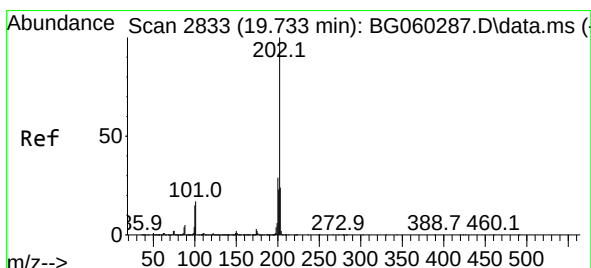
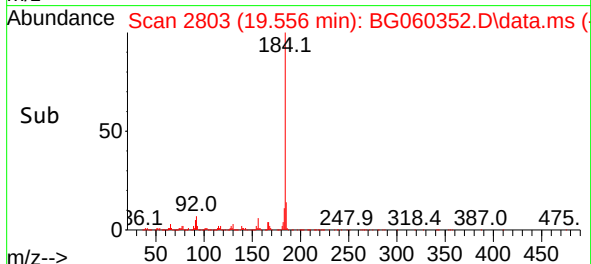
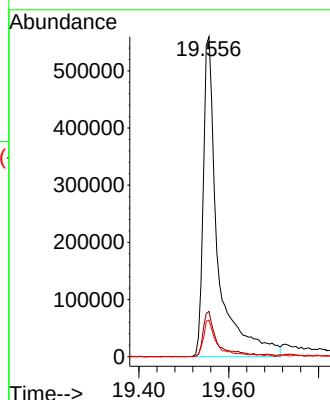
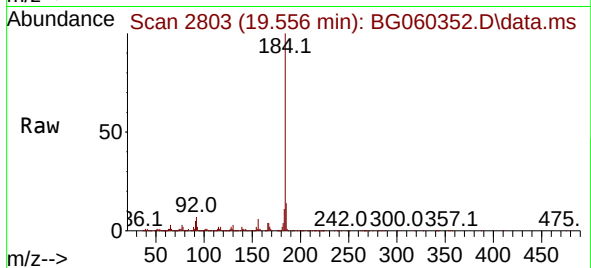
185 14.2 12.2 18.4

183 11.5 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/23/2024  
Supervised By :mohammad ahmed 01/24/2024



#78

Pyrene

Concen: 40.501 ng

RT: 19.732 min Scan# 2833

Delta R.T. -0.001 min

Lab File: BG060352.D

Acq: 18 Jan 2024 14:43

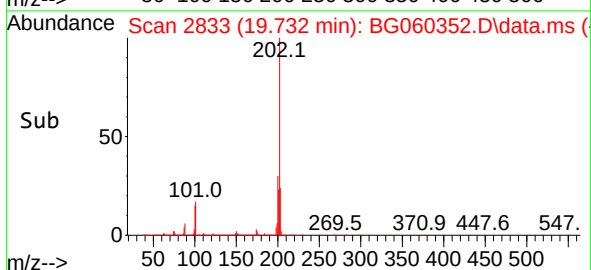
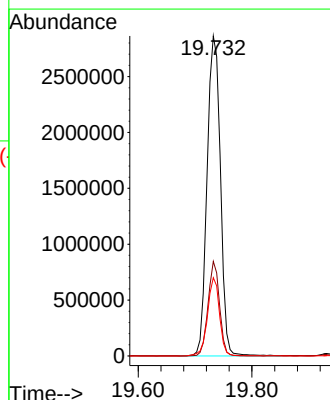
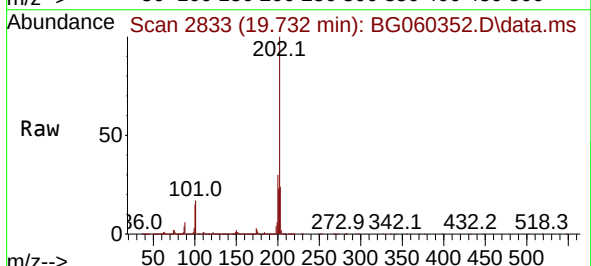
Tgt Ion:202 Resp: 4633689

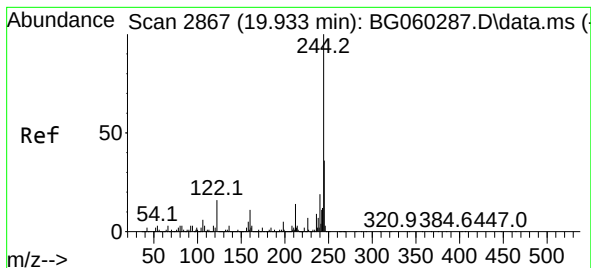
Ion Ratio Lower Upper

202 100

200 29.5 23.5 35.3

203 24.5 19.6 29.4





#79

Terphenyl-d14

Concen: 79.075 ng

RT: 19.932 min Scan# 2

Delta R.T. -0.001 min

Lab File: BG060352.D

Acq: 18 Jan 2024 14:43

Instrument :

BNA\_G

ClientSampleId :

PB158482BS

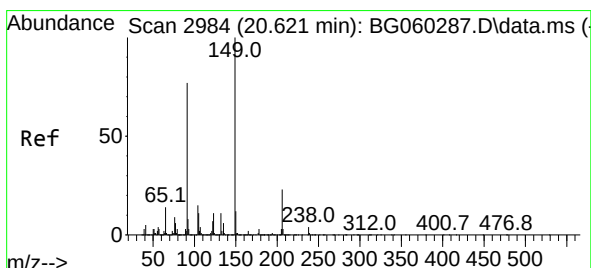
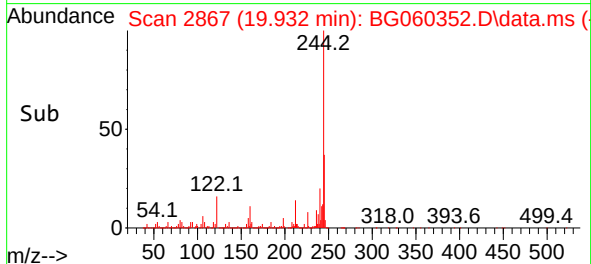
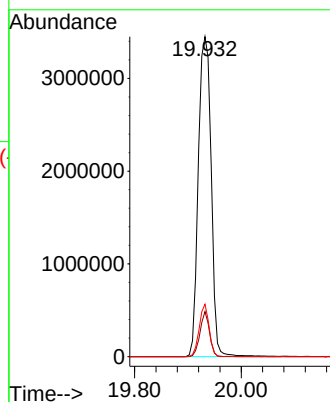
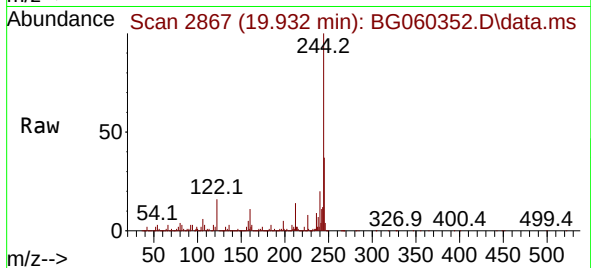
Tgt Ion:244 Resp: 576603

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 14.1  | 10.9  | 16.3  |
| 122 | 16.4  | 12.6  | 18.8  |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/23/2024  
Supervised By :mohammad ahmed 01/24/2024



#80

Butylbenzylphthalate

Concen: 46.408 ng

RT: 20.619 min Scan# 2984

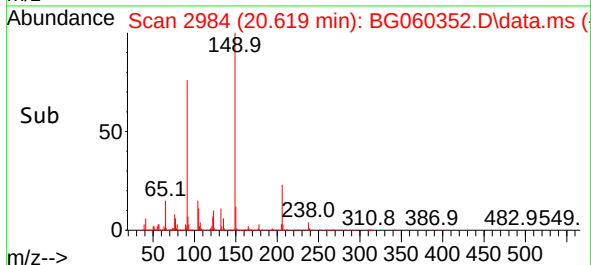
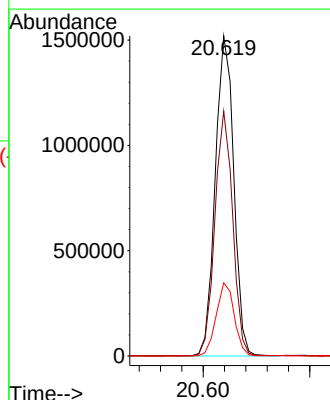
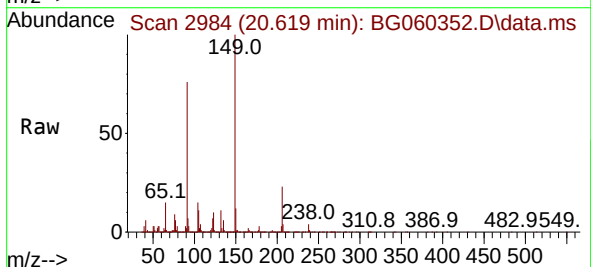
Delta R.T. -0.001 min

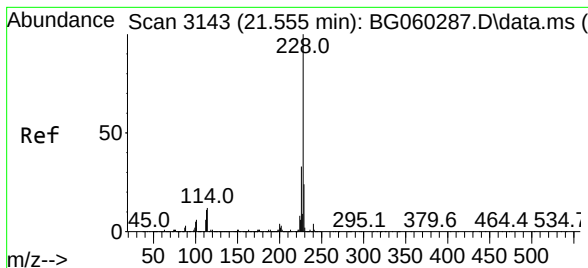
Lab File: BG060352.D

Acq: 18 Jan 2024 14:43

Tgt Ion:149 Resp: 1826733

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 76.5  | 61.4  | 92.2  |
| 206 | 22.9  | 18.0  | 27.0  |





#81

Benzo(a)anthracene

Concen: 41.906 ng

RT: 21.559 min Scan# 3144

Delta R.T. 0.005 min

Lab File: BG060352.D

Acq: 18 Jan 2024 14:43

Instrument :

BNA\_G

ClientSampleId :

PB158482BS

Tgt Ion:228 Resp: 464793

Ion Ratio Lower Upper

228 100

226 34.1 26.2 39.2

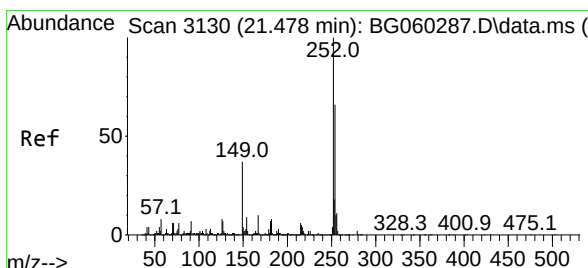
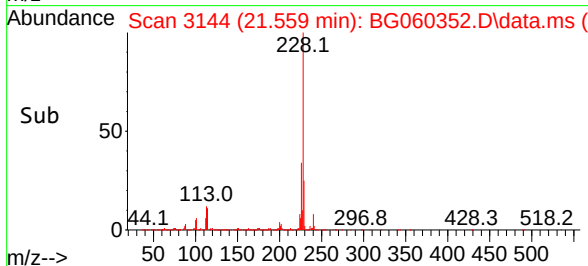
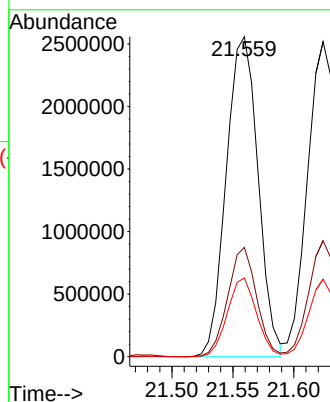
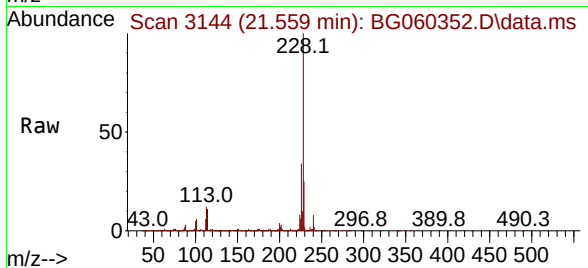
229 24.6 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/23/2024

Supervised By :mohammad ahmed 01/24/2024



#82

3,3'-Dichlorobenzidine

Concen: 37.893 ng

RT: 21.477 min Scan# 3130

Delta R.T. -0.001 min

Lab File: BG060352.D

Acq: 18 Jan 2024 14:43

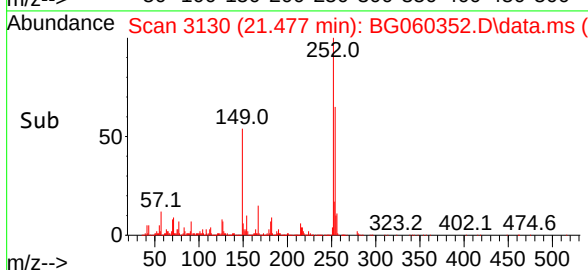
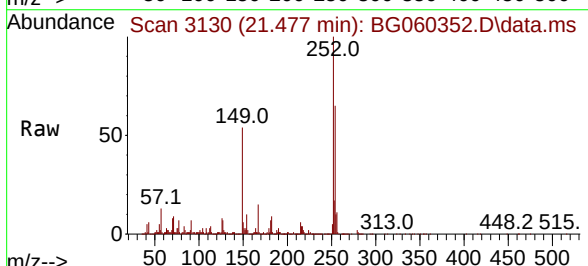
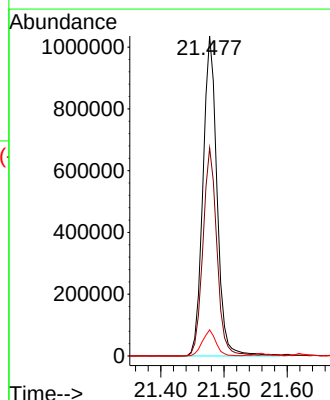
Tgt Ion:252 Resp: 1609523

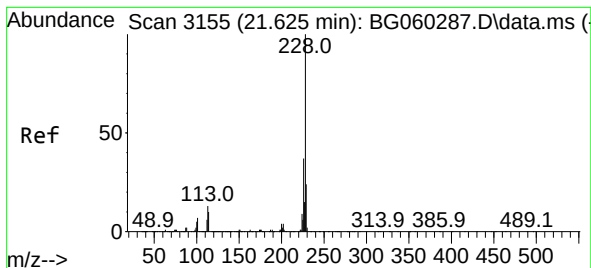
Ion Ratio Lower Upper

252 100

254 65.0 52.6 79.0

126 8.2 6.3 9.5





#83

Chrysene

Concen: 40.753 ng

RT: 21.624 min Scan# 3155

Delta R.T. -0.001 min

Lab File: BG060352.D

Acq: 18 Jan 2024 14:43

Instrument :

BNA\_G

ClientSampleId :

PB158482BS

Tgt Ion:228 Resp: 4445460

Ion Ratio Lower Upper

228 100

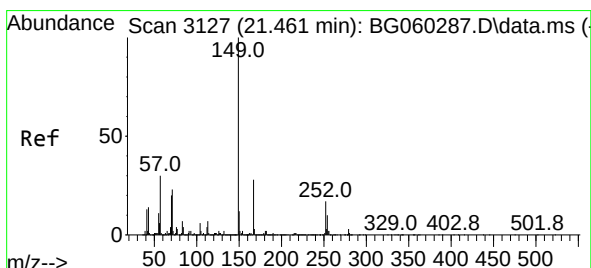
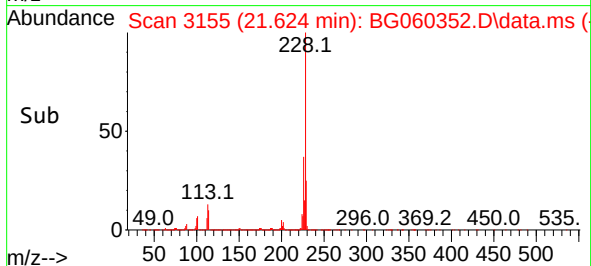
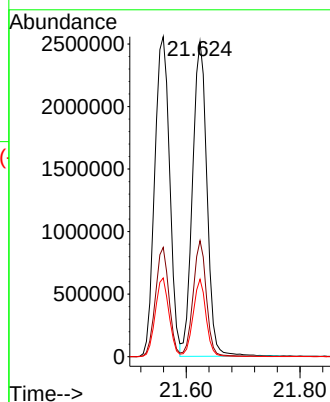
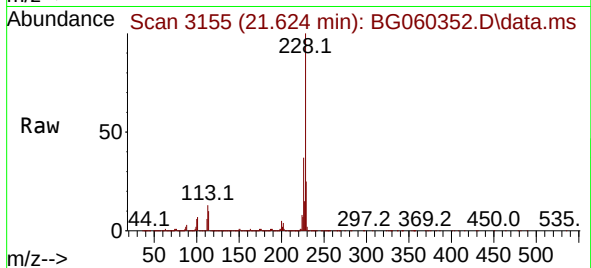
226 36.8 29.4 44.2

229 24.6 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/23/2024  
Supervised By :mohammad ahmed 01/24/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.387 ng

RT: 21.465 min Scan# 3128

Delta R.T. 0.005 min

Lab File: BG060352.D

Acq: 18 Jan 2024 14:43

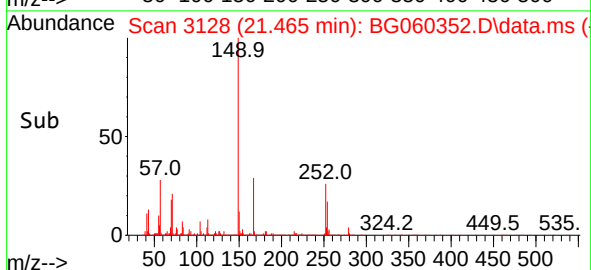
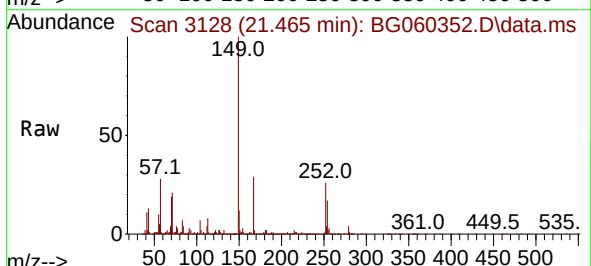
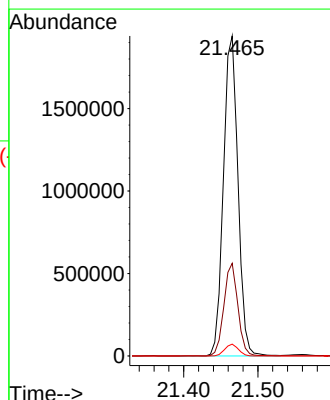
Tgt Ion:149 Resp: 2640135

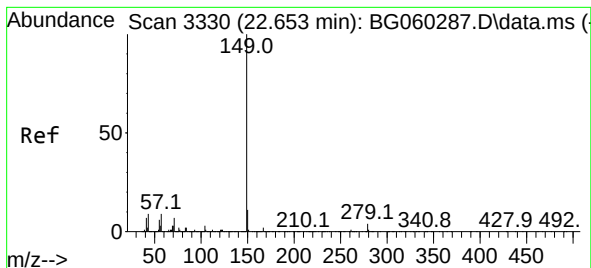
Ion Ratio Lower Upper

149 100

167 29.0 22.2 33.2

279 3.7 2.7 4.1





#85  
Di-n-octyl phthalate  
Concen: 45.519 ng  
RT: 22.652 min Scan# 31  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Instrument :

BNA\_G

ClientSampleId :

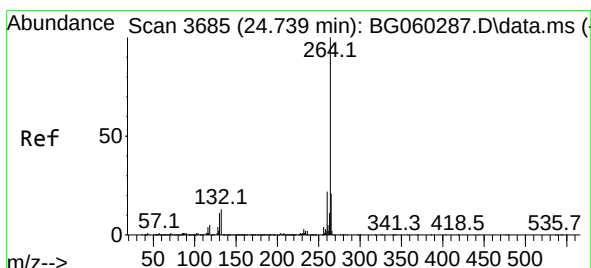
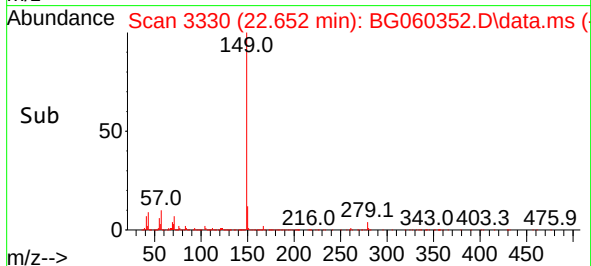
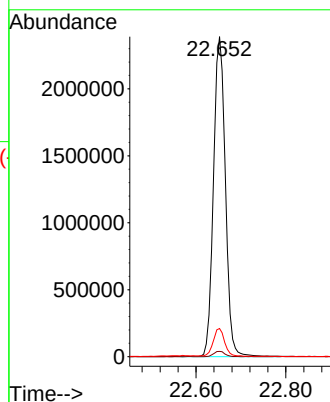
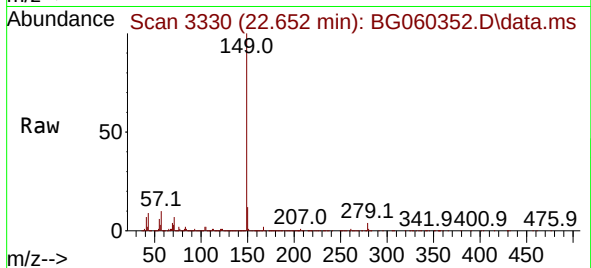
PB158482BS

Tgt Ion:149 Resp: 4387489  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 8.4 6.8 10.2

Manual Integrations

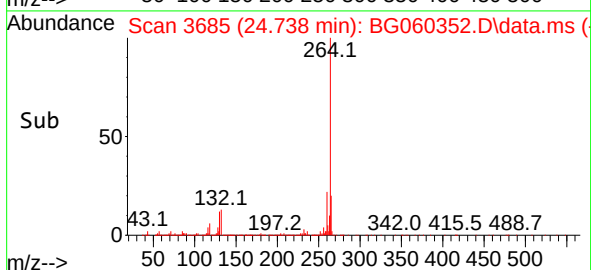
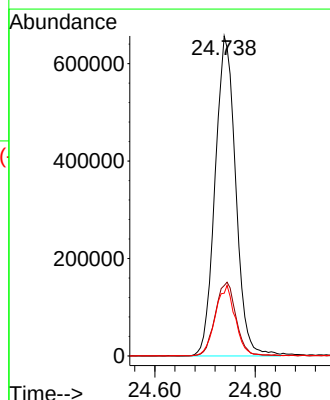
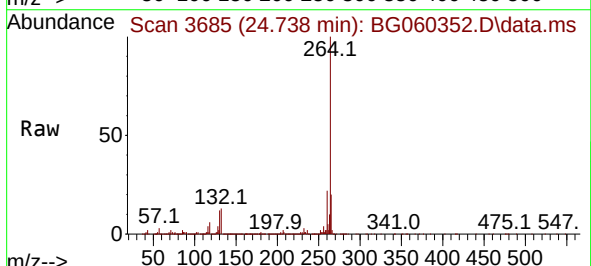
APPROVED

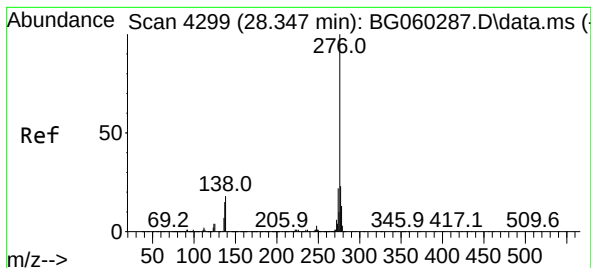
Reviewed By :Jagrut Upadhyay 01/23/2024  
Supervised By :mohammad ahmed 01/24/2024



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.738 min Scan# 3685  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Tgt Ion:264 Resp: 1869177  
Ion Ratio Lower Upper  
264 100  
260 22.0 17.8 26.6  
265 19.6 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.081 ng

RT: 28.346 min Scan# 4299

Delta R.T. -0.001 min

Lab File: BG060352.D

Acq: 18 Jan 2024 14:43

Instrument :

BNA\_G

ClientSampleId :

PB158482BS

Tgt Ion:276 Resp: 598889

Ion Ratio Lower Upper

276 100

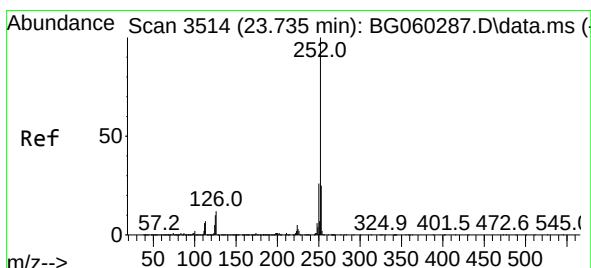
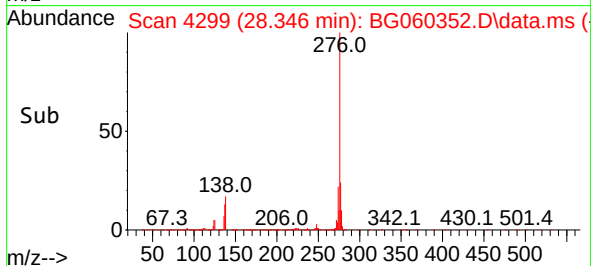
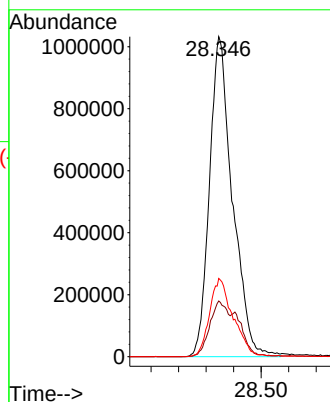
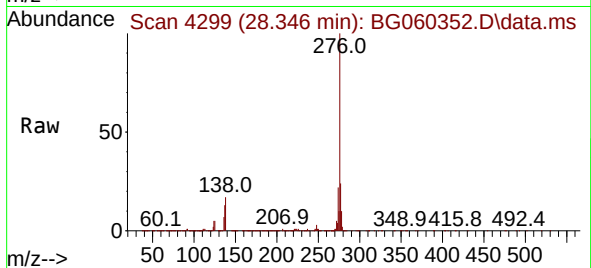
138 13.8 12.5 18.7

277 25.1 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/23/2024  
Supervised By :mohammad ahmed 01/24/2024



#88

Benzo(b)fluoranthene

Concen: 45.024 ng

RT: 23.739 min Scan# 3515

Delta R.T. 0.005 min

Lab File: BG060352.D

Acq: 18 Jan 2024 14:43

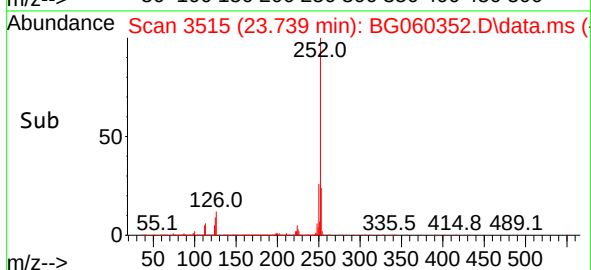
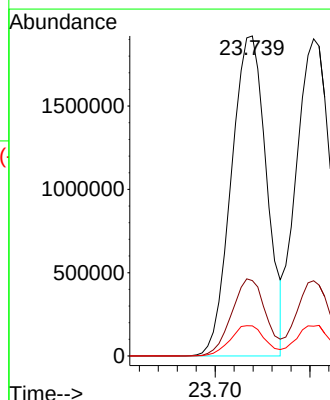
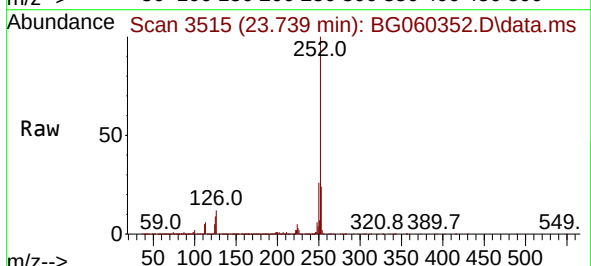
Tgt Ion:252 Resp: 4971644

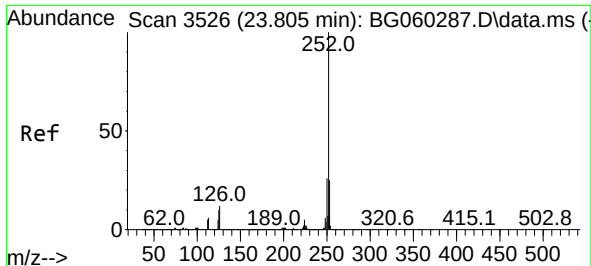
Ion Ratio Lower Upper

252 100

253 23.6 20.0 30.0

125 9.4 8.1 12.1





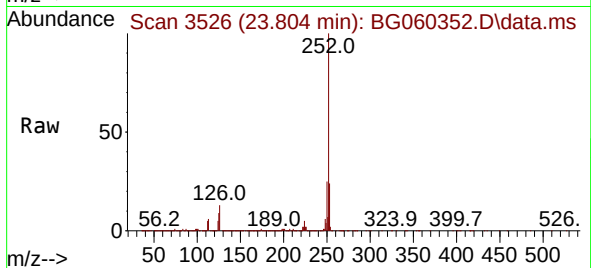
#89  
Benzo(k)fluoranthene  
Concen: 45.071 ng  
RT: 23.804 min Scan# 31  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43

Instrument :

BNA\_G

ClientSampleId :

PB158482BS

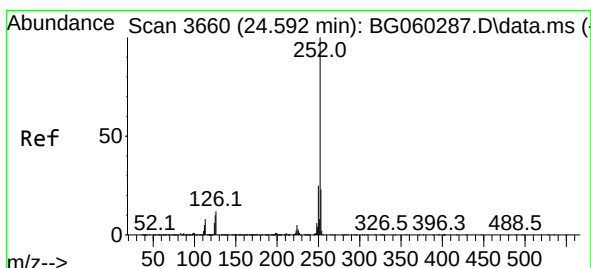
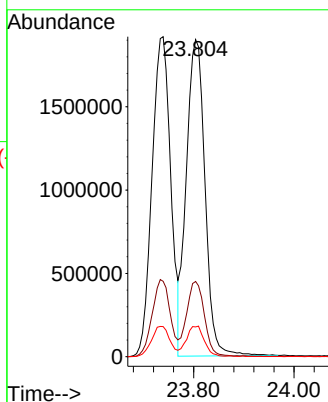
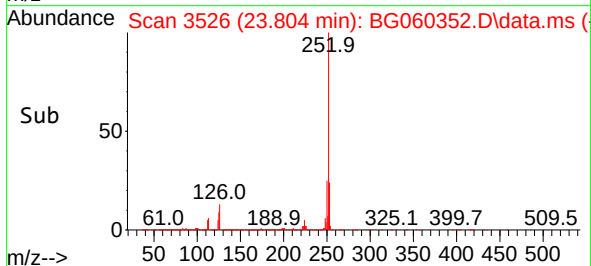


Tgt Ion:252 Resp: 4911244  
Ion Ratio Lower Upper  
252 100  
253 23.7 19.6 29.4  
125 9.4 8.2 12.2

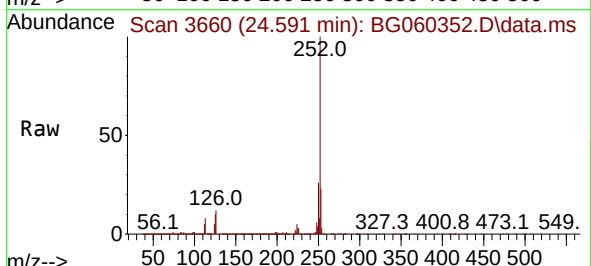
Manual Integrations

APPROVED

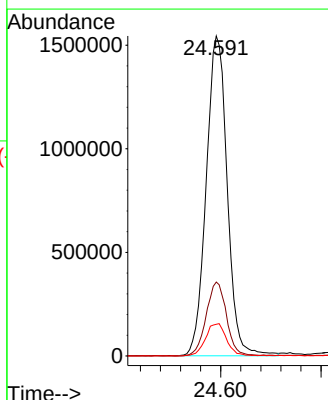
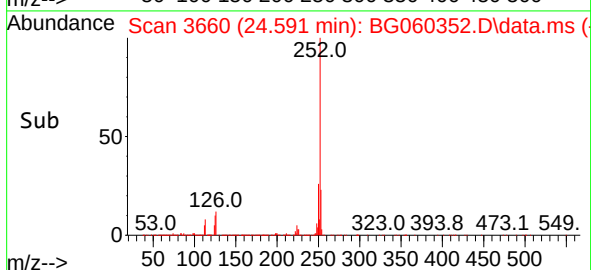
Reviewed By :Jagrut Upadhyay 01/23/2024  
Supervised By :mohammad ahmed 01/24/2024



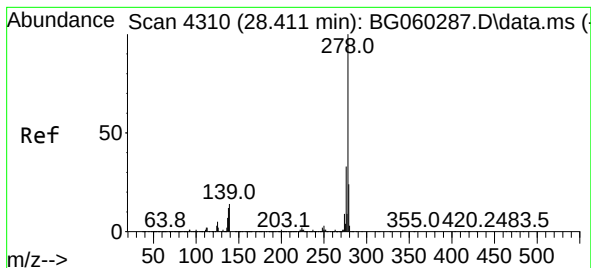
#90  
Benzo(a)pyrene  
Concen: 44.980 ng  
RT: 24.591 min Scan# 3660  
Delta R.T. -0.001 min  
Lab File: BG060352.D  
Acq: 18 Jan 2024 14:43



Tgt Ion:252 Resp: 4486828  
Ion Ratio Lower Upper  
252 100  
253 23.1 18.1 27.1  
125 9.9 8.1 12.1







#91

Dibenzo(a,h)anthracene

Concen: 46.635 ng

RT: 28.410 min Scan# 4310

Delta R.T. -0.001 min

Lab File: BG060352.D

Acq: 18 Jan 2024 14:43

Instrument :

BNA\_G

ClientSampleId :

PB158482BS

Tgt Ion:278 Resp: 494977

Ion Ratio Lower Upper

278 100

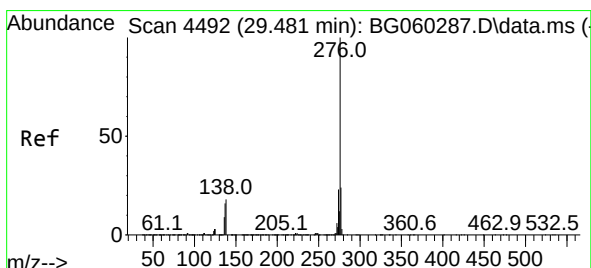
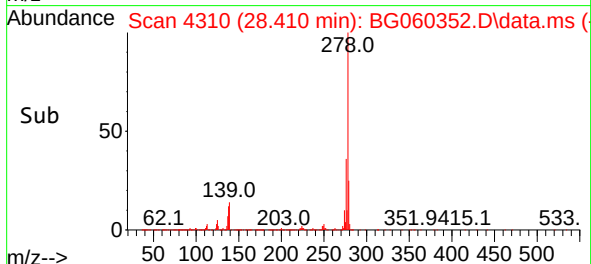
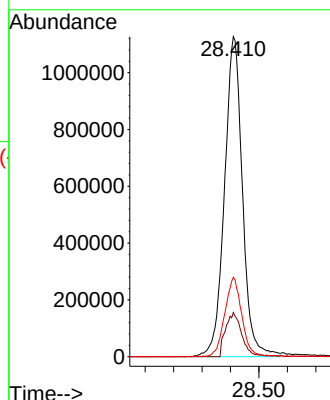
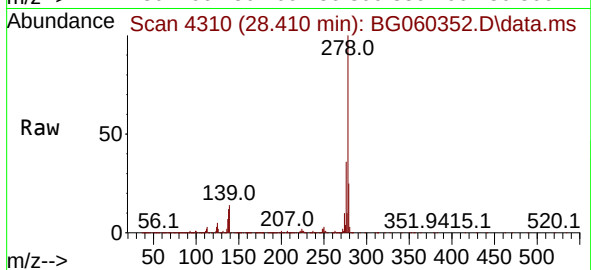
139 13.8 10.9 16.3

279 24.8 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/23/2024  
Supervised By :mohammad ahmed 01/24/2024



#92

Benzo(g,h,i)perylene

Concen: 43.987 ng

RT: 29.480 min Scan# 4492

Delta R.T. -0.001 min

Lab File: BG060352.D

Acq: 18 Jan 2024 14:43

Tgt Ion:276 Resp: 4785016

Ion Ratio Lower Upper

276 100

277 24.4 19.4 29.0

138 18.2 14.2 21.4

