

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG020624\  
 Data File : BG060558.D  
 Acq On : 6 Feb 2024 15:56  
 Operator : MA/JU  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDICC050

## Manual Integrations

## APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024  
 Supervised By :mohammad ahmed 02/08/2024

Quant Time: Feb 07 01:19:49 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG020624.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Feb 07 01:12:45 2024

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.352  | 152  | 51777    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.202 | 136  | 215759   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.986 | 164  | 137522   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.736 | 188  | 296306   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 22.083 | 240  | 280183   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 25.691 | 264  | 314196   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.838  | 112  | 323225   | 94.273  | ng    | 0.00     |
| 7) Phenol-d6                  | 7.459  | 99   | 435923   | 94.556  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.551  | 82   | 404860   | 105.549 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.466 | 330  | 164932   | 102.317 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.611 | 172  | 995748   | 97.246  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.327 | 244  | 1563098  | 95.377  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.687  | 88   | 70649    | 53.767  | ng    | 96       |
| 3) Pyridine                   | 4.104  | 79   | 194652   | 55.828  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 4.028  | 42   | 117074   | 54.392  | ng    | # 96     |
| 6) Aniline                    | 7.677  | 93   | 211579   | 48.909  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.900  | 128  | 171047   | 47.789  | ng    | 96       |
| 9) Benzaldehyde               | 7.495  | 77   | 125823   | 44.456  | ng    | 98       |
| 10) Phenol                    | 7.489  | 94   | 220844   | 47.261  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.765  | 93   | 176606   | 47.330  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 8.229  | 146  | 209339   | 49.147  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 8.388  | 146  | 214883   | 49.461  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.705  | 146  | 207717   | 49.506  | ng    | 98       |
| 15) Benzyl Alcohol            | 8.587  | 79   | 164382   | 49.486  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.875  | 45   | 433066   | 49.967  | ng    | 99       |
| 17) 2-Methylphenol            | 8.770  | 107  | 155447   | 48.694  | ng    | 98       |
| 18) Hexachloroethane          | 9.439  | 117  | 74612    | 49.058  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 9.163  | 70   | 152695   | 49.121  | ng    | 99       |
| 20) 3+4-Methylphenols         | 9.099  | 107  | 213748   | 49.847  | ng    | 98       |
| 22) Acetophenone              | 9.199  | 105  | 289989   | 48.862  | ng    | # 99     |
| 24) Nitrobenzene              | 9.592  | 77   | 215507   | 54.430  | ng    | 97       |
| 25) Isophorone                | 10.103 | 82   | 417462   | 50.099  | ng    | 99       |
| 26) 2-Nitrophenol             | 10.303 | 139  | 71688    | 50.464  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 10.321 | 122  | 136931   | 49.605  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 10.591 | 93   | 244378   | 49.182  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.820 | 162  | 167443   | 50.459  | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 11.043 | 180  | 202452   | 50.062  | ng    | 100      |
| 31) Naphthalene               | 11.255 | 128  | 611012   | 49.778  | ng    | 99       |
| 32) Benzoic acid              | 10.432 | 122  | 93737m   | 48.048  | ng    |          |
| 33) 4-Chloroaniline           | 11.361 | 127  | 224541   | 51.132  | ng    | 98       |
| 34) Hexachlorobutadiene       | 11.484 | 225  | 137141   | 49.565  | ng    | 98       |
| 35) Caprolactam               | 12.160 | 113  | 56306    | 49.874  | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 12.430 | 107  | 192023   | 50.069  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.830 | 142  | 403800   | 49.267  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 13.047 | 142  | 401989   | 49.747  | ng    | 95       |
| 40) 1,2,4,5-Tetrachloroben... | 13.170 | 216  | 218644   | 48.872  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 13.129 | 237  | 82994    | 53.723  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 13.411 | 196  | 135431   | 50.816  | ng    | 97       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG020624\  
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 Sample : SSTDICC050  
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## Instrument :

BNA\_G

## ClientSampleId :

SSTDICC050

## Manual Integrations

## APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024  
 Supervised By :mohammad ahmed 02/08/2024

Quant Time: Feb 07 01:19:49 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG020624.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

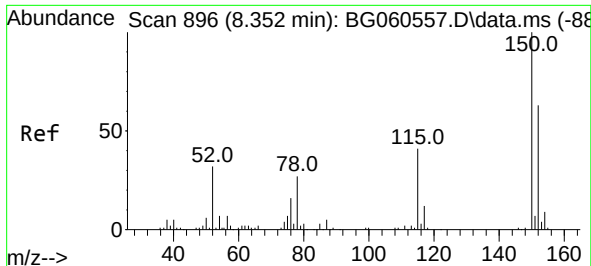
QLast Update : Wed Feb 07 01:12:45 2024

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.476 | 196  | 148161   | 49.381 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.823 | 154  | 538468   | 48.638 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.875 | 162  | 434056   | 48.358 | ng    | 100      |
| 48) 2-Nitroaniline            | 14.081 | 65   | 116804   | 46.625 | ng    | 97       |
| 49) Acenaphthylene            | 14.716 | 152  | 622137   | 48.599 | ng    | 99       |
| 50) Dimethylphthalate         | 14.434 | 163  | 513528   | 48.377 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.569 | 165  | 96811    | 47.954 | ng    | 95       |
| 52) Acenaphthene              | 15.050 | 154  | 393025   | 47.509 | ng    | 100      |
| 53) 3-Nitroaniline            | 14.904 | 138  | 94757    | 47.460 | ng    | 89       |
| 54) 2,4-Dinitrophenol         | 15.092 | 184  | 31979    | 49.312 | ng    | 94       |
| 55) Dibenzofuran              | 15.380 | 168  | 630274   | 48.647 | ng    | 99       |
| 56) 4-Nitrophenol             | 15.162 | 139  | 86147    | 48.670 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 15.344 | 165  | 121237   | 47.302 | ng    | 97       |
| 58) Fluorene                  | 16.032 | 166  | 501342   | 48.445 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.585 | 232  | 130649   | 50.582 | ng    | 99       |
| 60) Diethylphthalate          | 15.779 | 149  | 534296   | 49.194 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 16.014 | 204  | 255408   | 48.573 | ng    | 98       |
| 62) 4-Nitroaniline            | 16.067 | 138  | 104648   | 48.146 | ng    | 98       |
| 63) Azobenzene                | 16.314 | 77   | 517254   | 48.885 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 16.090 | 198  | 49615    | 49.156 | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 16.231 | 169  | 432201   | 48.857 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.913 | 248  | 162743   | 49.072 | ng    | 97       |
| 68) Hexachlorobenzene         | 17.001 | 284  | 185811   | 49.415 | ng    | 97       |
| 69) Atrazine                  | 17.172 | 200  | 128175   | 46.512 | ng    | 98       |
| 70) Pentachlorophenol         | 17.354 | 266  | 113794   | 52.092 | ng    | 95       |
| 71) Phenanthrene              | 17.783 | 178  | 784677   | 48.949 | ng    | 99       |
| 72) Anthracene                | 17.871 | 178  | 786887   | 49.291 | ng    | 100      |
| 73) Carbazole                 | 18.147 | 167  | 718255   | 48.673 | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.670 | 149  | 905885   | 49.836 | ng    | 99       |
| 75) Fluoranthene              | 19.774 | 202  | 943102   | 48.590 | ng    | 99       |
| 77) Benzidine                 | 19.962 | 184  | 268281   | 65.243 | ng    | 100      |
| 78) Pyrene                    | 20.139 | 202  | 981042   | 49.224 | ng    | 99       |
| 80) Butylbenzylphthalate      | 21.020 | 149  | 378266   | 51.664 | ng    | 96       |
| 81) Benzo(a)anthracene        | 22.060 | 228  | 973298   | 48.898 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.972 | 252  | 332394   | 50.547 | ng    | 99       |
| 83) Chrysene                  | 22.136 | 228  | 931403   | 48.820 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.925 | 149  | 566196   | 50.129 | ng    | 99       |
| 85) Di-n-octyl phthalate      | 23.288 | 149  | 964332   | 50.968 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 29.892 | 276  | 1148748m | 50.155 | ng    |          |
| 88) Benzo(b)fluoranthene      | 24.528 | 252  | 999616   | 49.174 | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 24.610 | 252  | 978419   | 50.021 | ng    | 99       |
| 90) Benzo(a)pyrene            | 25.526 | 252  | 884425   | 49.667 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 29.998 | 278  | 958163   | 50.691 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 31.220 | 276  | 942026   | 49.818 | ng    | 97       |

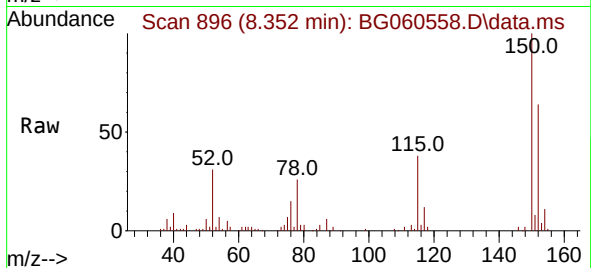
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.352 min Scan# 896  
Delta R.T. 0.000 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

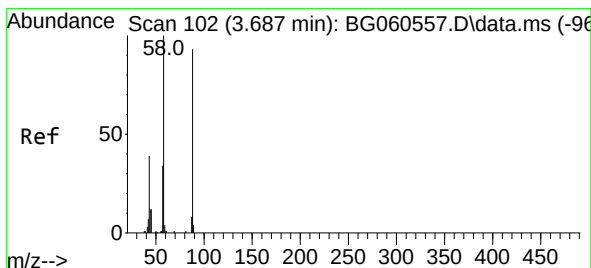
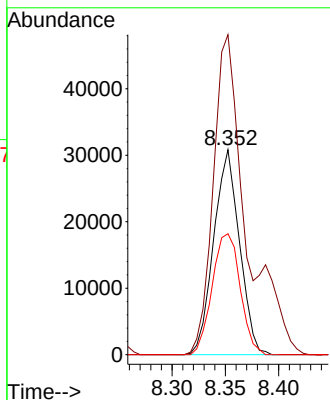
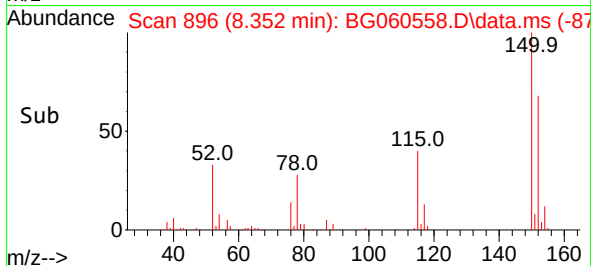
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



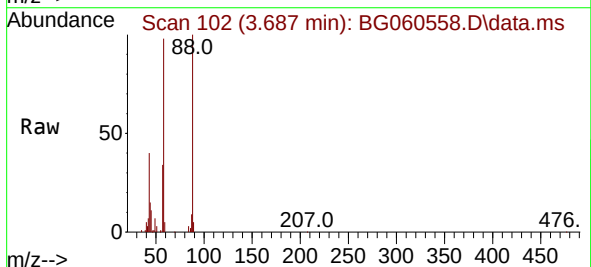
Tgt Ion:152 Resp: 5177  
Ion Ratio Lower Upper  
152 100  
150 156.1 126.6 190.0  
115 59.0 52.2 78.2

Manual Integrations  
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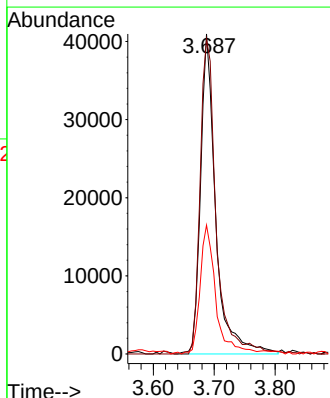
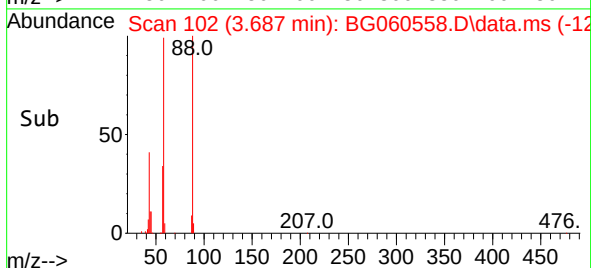
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024

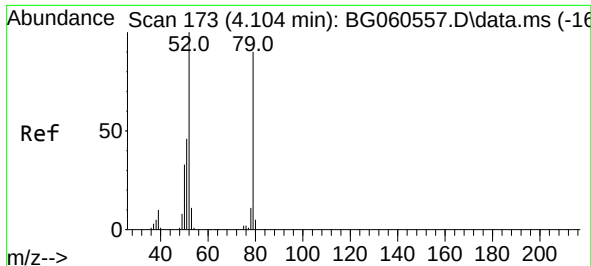


#2  
1,4-Dioxane  
Concen: 53.767 ng  
RT: 3.687 min Scan# 102  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56



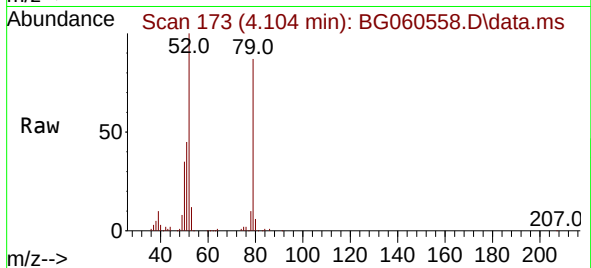
Tgt Ion: 88 Resp: 70649  
Ion Ratio Lower Upper  
88 100  
58 103.9 87.2 130.8  
43 41.4 32.9 49.3





#3  
Pyridine  
Concen: 55.828 ng  
RT: 4.104 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

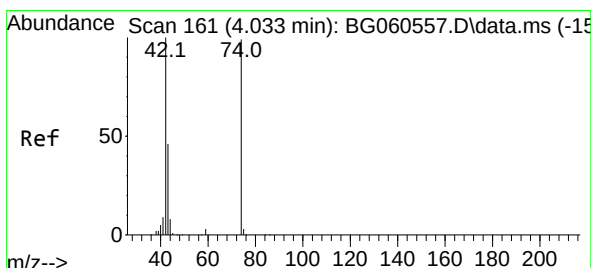
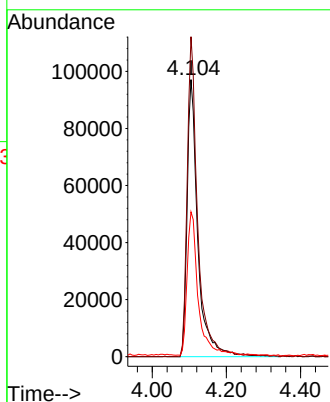
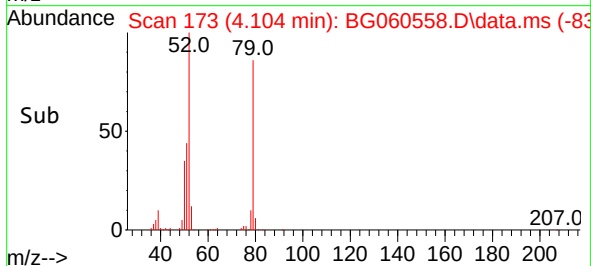
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



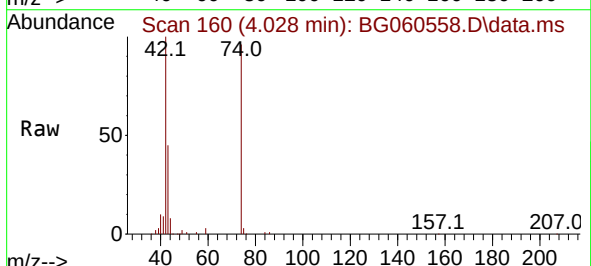
Tgt Ion: 79 Resp: 194652  
Ion Ratio Lower Upper  
79 100  
52 115.5 89.3 133.9  
51 52.2 41.6 62.4

Manual Integrations  
APPROVED

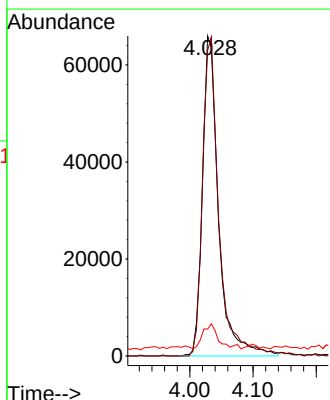
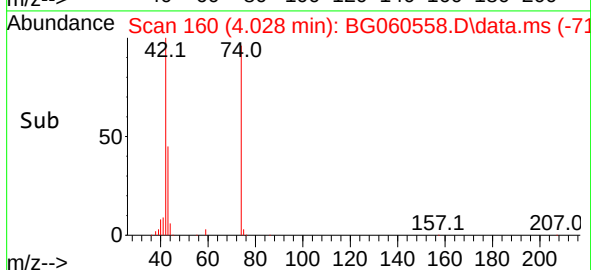
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024

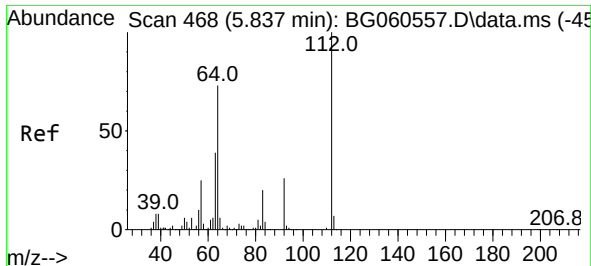


#4  
n-Nitrosodimethylamine  
Concen: 54.392 ng  
RT: 4.028 min Scan# 160  
Delta R.T. -0.005 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56



Tgt Ion: 42 Resp: 117074  
Ion Ratio Lower Upper  
42 100  
74 95.5 79.3 118.9  
44 8.4 8.6 12.8#





#5  
2-Fluorophenol  
Concen: 94.273 ng  
RT: 5.838 min Scan# 468  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Instrument :

BNA\_G

ClientSampleId :

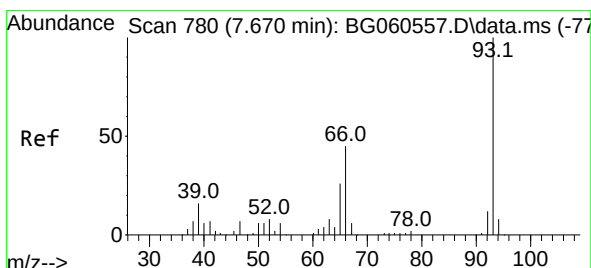
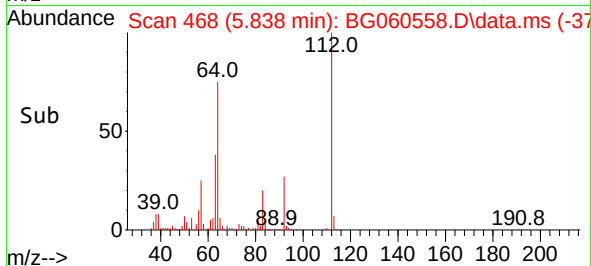
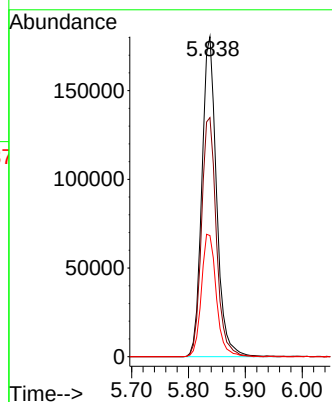
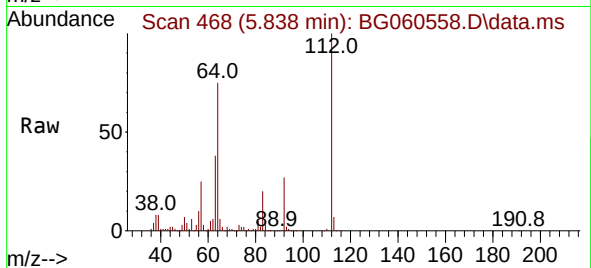
SSTDICC050

Tgt Ion:112 Resp: 323225  
Ion Ratio Lower Upper  
112 100  
64 74.7 58.5 87.7  
63 37.8 31.5 47.3

Manual Integrations

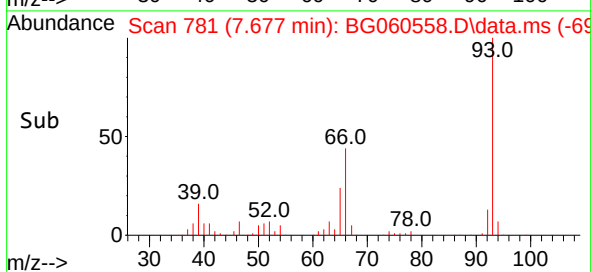
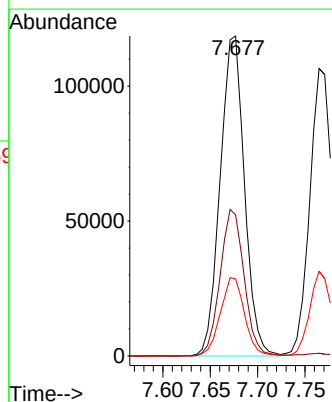
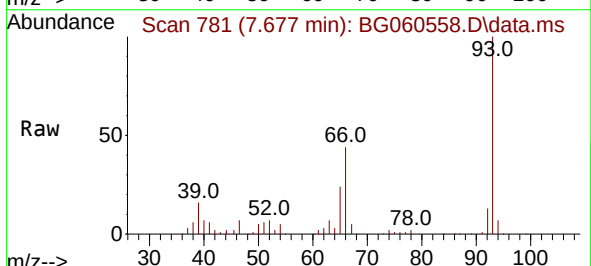
APPROVED

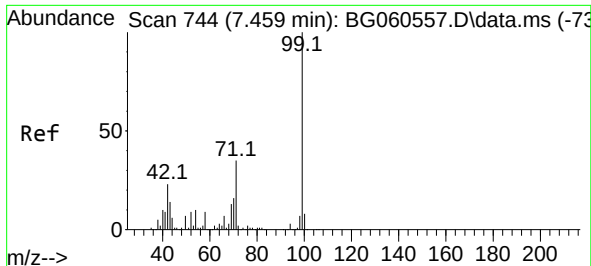
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#6  
Aniline  
Concen: 48.909 ng  
RT: 7.677 min Scan# 781  
Delta R.T. 0.006 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

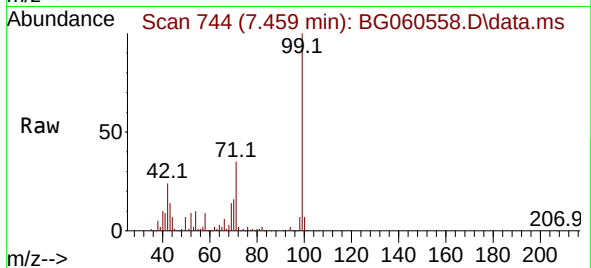
Tgt Ion: 93 Resp: 211579  
Ion Ratio Lower Upper  
93 100  
66 44.1 36.1 54.1  
65 24.1 20.6 30.8





#7  
Phenol-d6  
Concen: 94.556 ng  
RT: 7.459 min Scan# 744  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

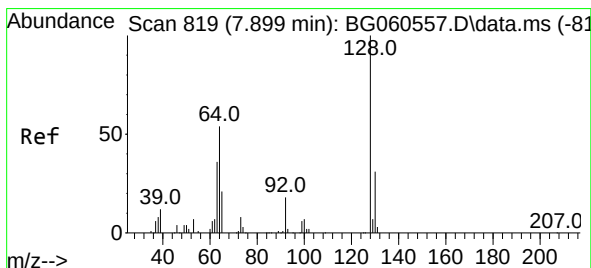
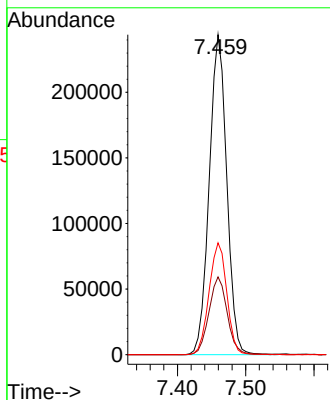
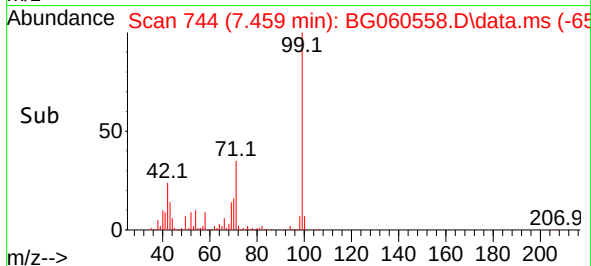
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



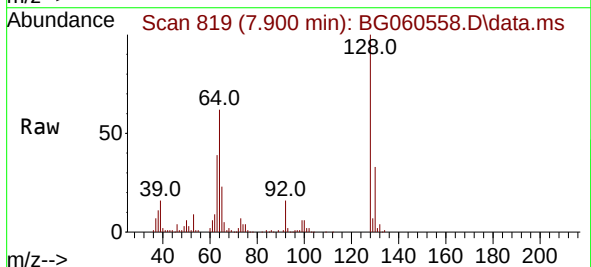
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Ion Ratio Lower Upper  
99 100  
42 24.3 18.8 28.2  
71 35.0 28.2 42.2

Manual Integrations  
APPROVED

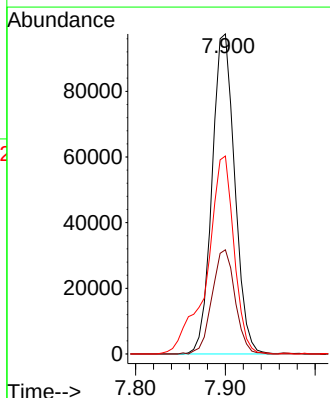
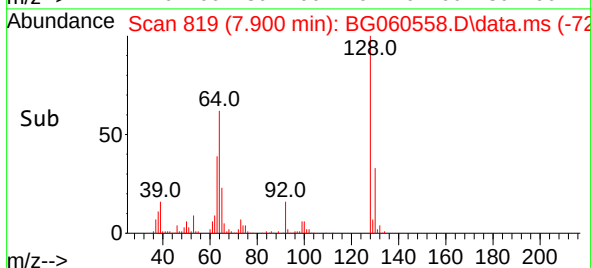
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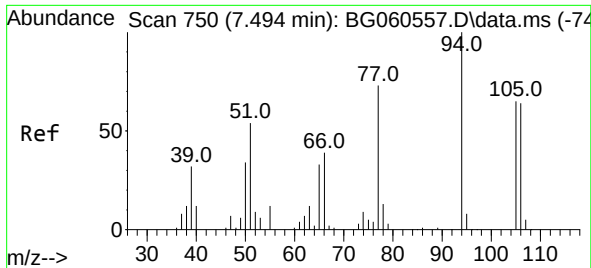


#8  
2-Chlorophenol  
Concen: 47.789 ng  
RT: 7.900 min Scan# 819  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56



Tgt Ion:128 Resp: 171047  
Ion Ratio Lower Upper  
128 100  
130 32.6 11.2 51.2  
64 61.8 38.4 78.4





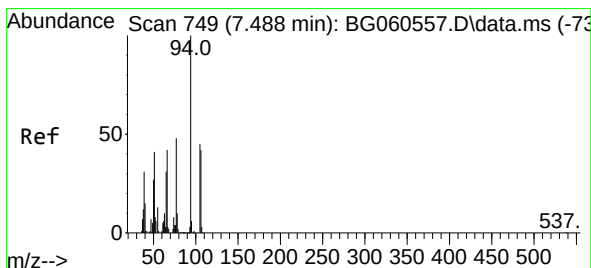
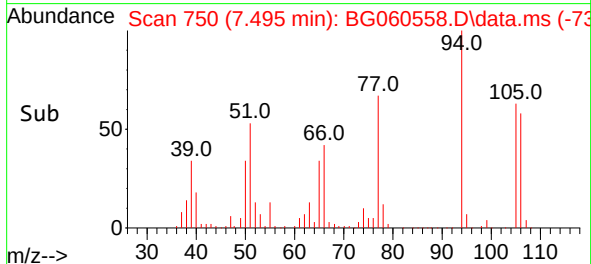
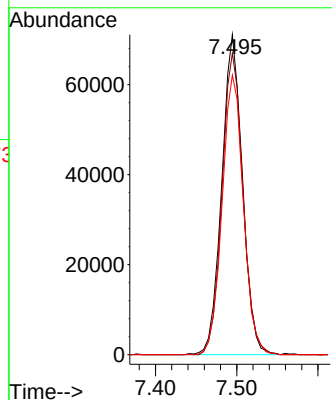
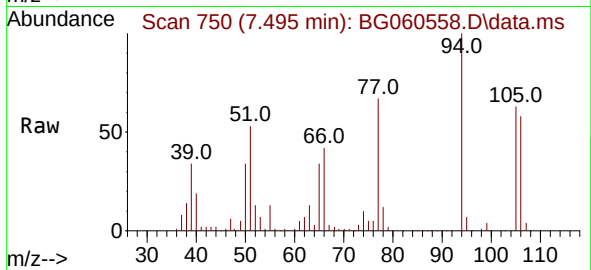
#9  
Benzaldehyde  
Concen: 44.456 ng  
RT: 7.495 min Scan# 750  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050

Tgt Ion: 77 Resp: 12582  
Ion Ratio Lower Upper  
77 100  
105 94.1 69.7 109.7  
106 87.4 67.4 107.4

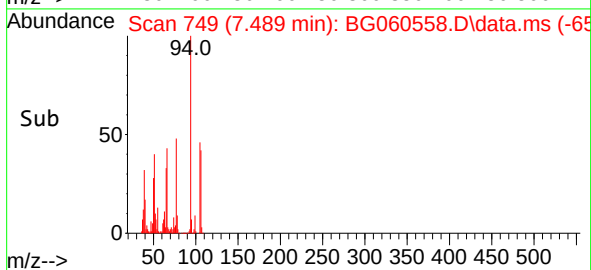
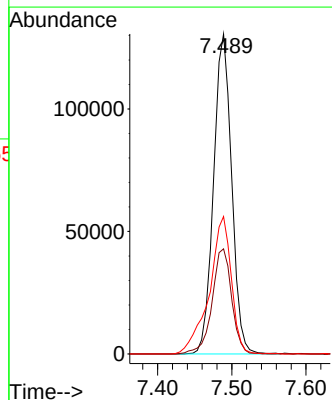
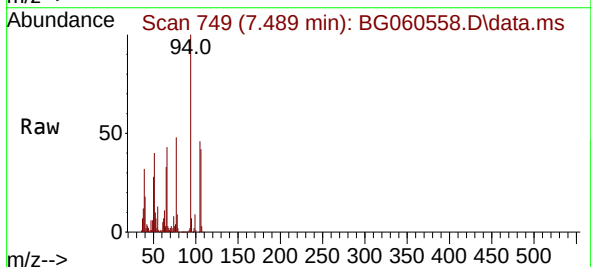
Manual Integrations  
APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024

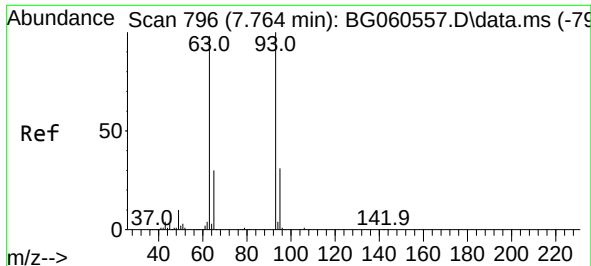


#10  
Phenol  
Concen: 47.261 ng  
RT: 7.489 min Scan# 749  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Tgt Ion: 94 Resp: 220844  
Ion Ratio Lower Upper  
94 100  
65 32.9 11.4 51.4  
66 43.0 22.1 62.1

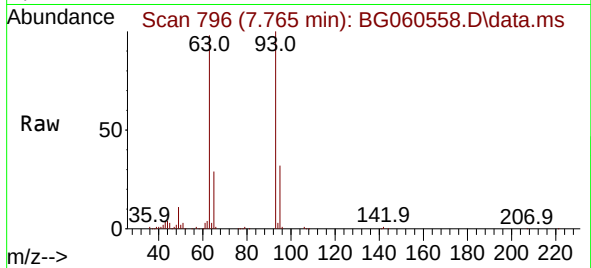






#11  
bis(2-Chloroethyl)ether  
Concen: 47.330 ng  
RT: 7.765 min Scan# 796  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

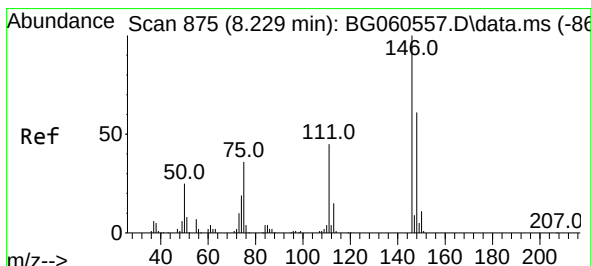
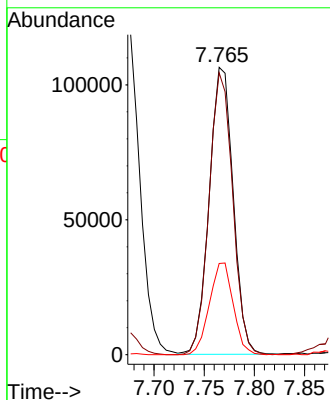
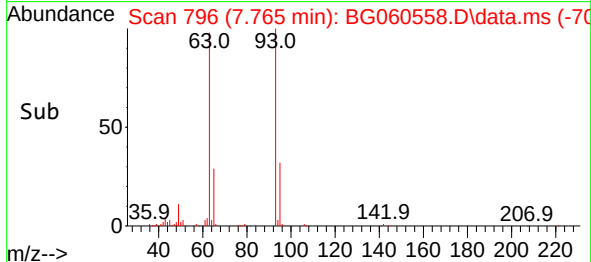
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion: 93 Resp: 176600  
Ion Ratio Lower Upper  
93 100  
63 98.1 77.4 117.4  
95 31.7 11.2 51.2

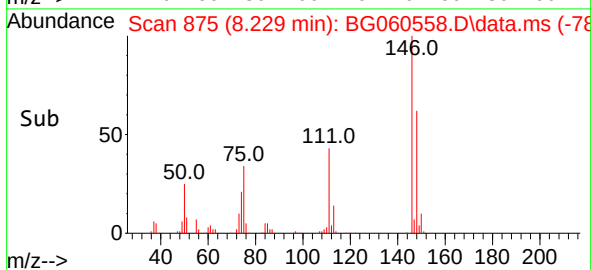
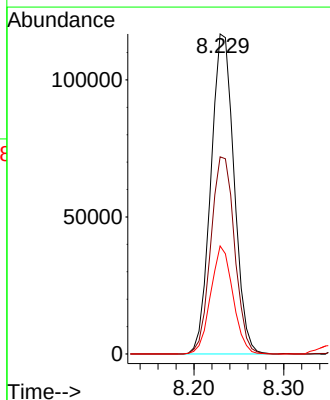
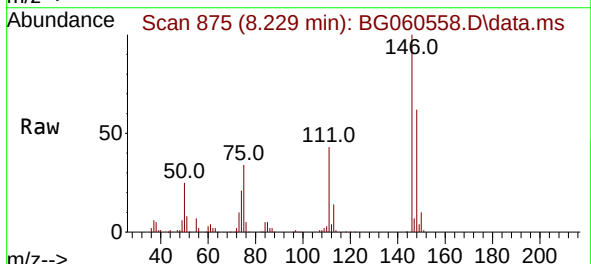
Manual Integrations  
APPROVED

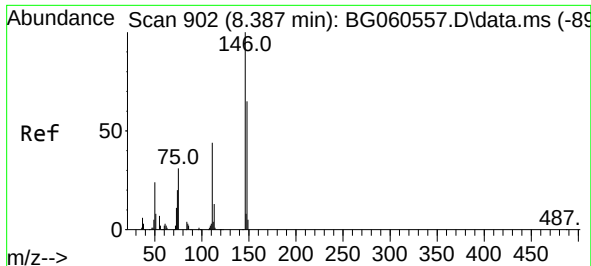
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#12  
1,3-Dichlorobenzene  
Concen: 49.147 ng  
RT: 8.229 min Scan# 875  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Tgt Ion:146 Resp: 209339  
Ion Ratio Lower Upper  
146 100  
148 61.6 49.0 73.6  
75 33.7 28.5 42.7





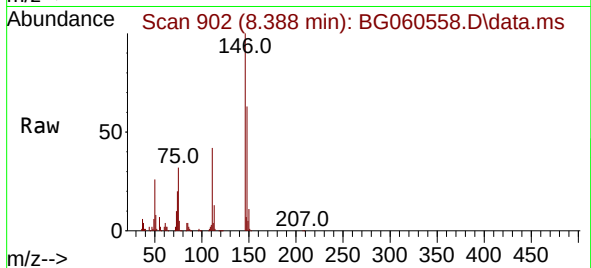
#13  
1,4-Dichlorobenzene  
Concen: 49.461 ng  
RT: 8.388 min Scan# 902  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

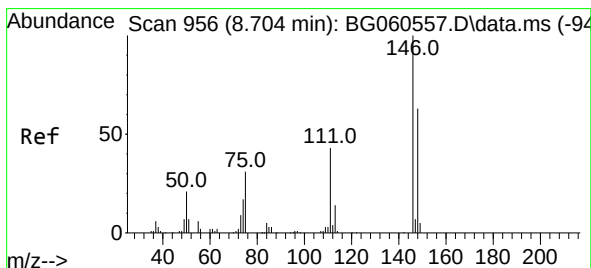
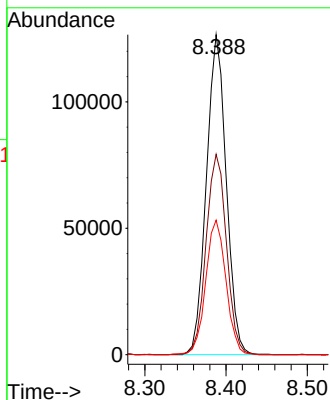
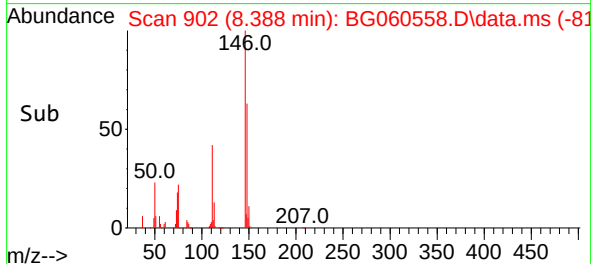


Tgt Ion:146 Resp: 21488  
Ion Ratio Lower Upper  
146 100  
148 62.6 51.8 77.6  
111 42.0 35.1 52.7

Manual Integrations

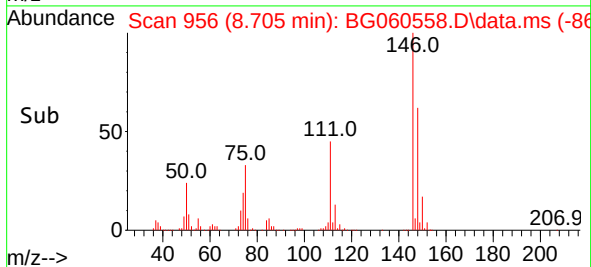
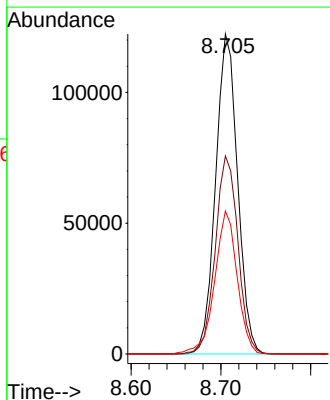
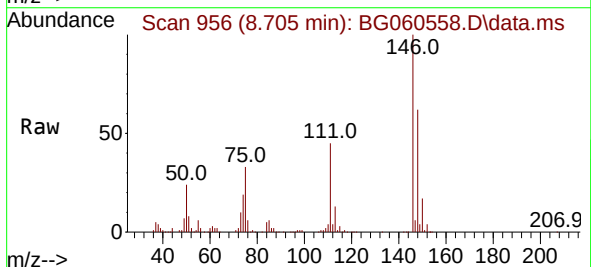
APPROVED

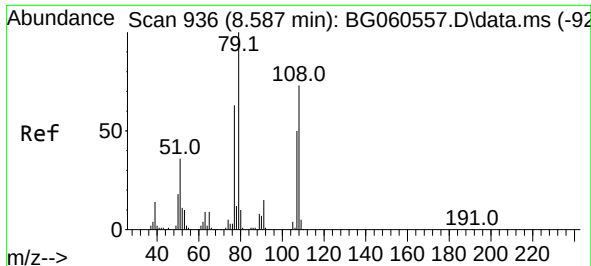
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#14  
1,2-Dichlorobenzene  
Concen: 49.506 ng  
RT: 8.705 min Scan# 956  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Tgt Ion:146 Resp: 207717  
Ion Ratio Lower Upper  
146 100  
148 61.9 50.6 75.8  
111 44.7 34.7 52.1





#15  
Benzyl Alcohol  
Concen: 49.486 ng  
RT: 8.587 min Scan# 91  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Instrument :

BNA\_G

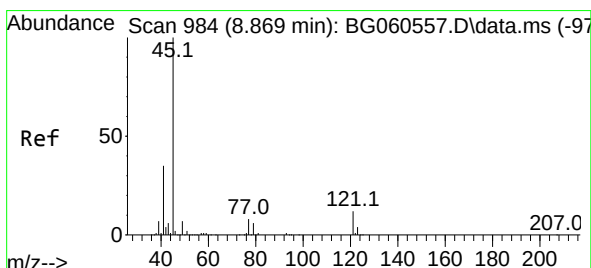
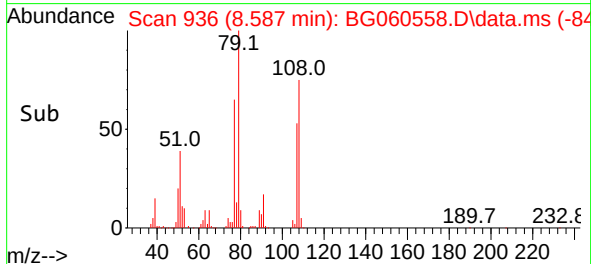
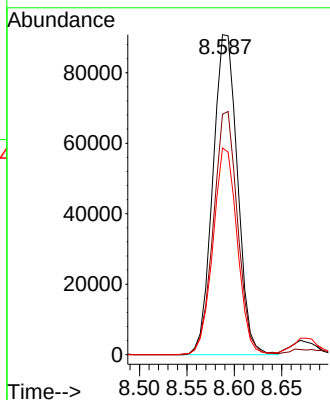
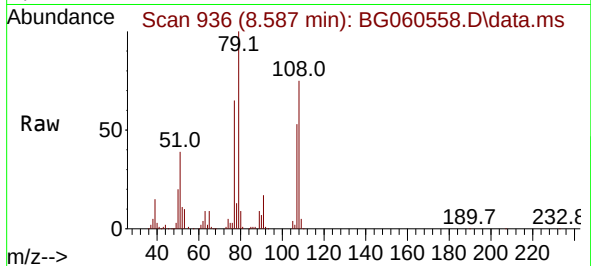
ClientSampleId :

SSTDICC050

Tgt Ion: 79 Resp: 16438  
Ion Ratio Lower Upper  
79 100  
108 75.2 58.5 87.7  
77 64.6 50.2 75.4

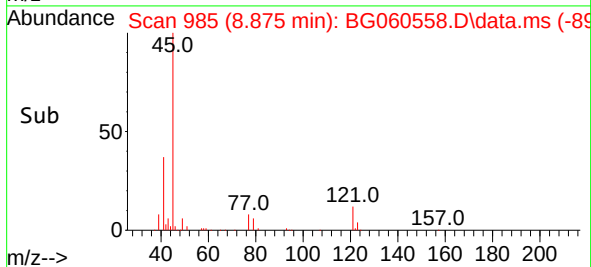
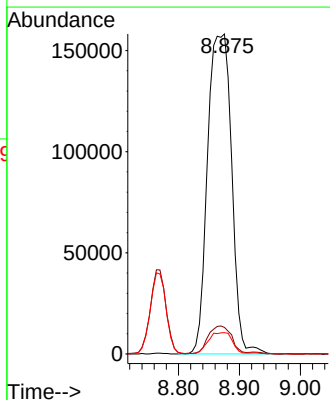
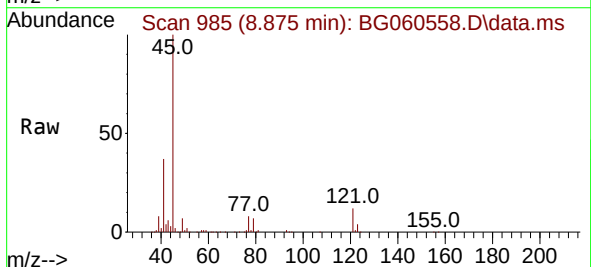
Manual Integrations  
APPROVED

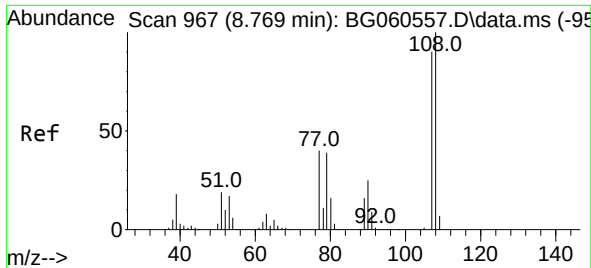
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 49.967 ng  
RT: 8.875 min Scan# 985  
Delta R.T. 0.006 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Tgt Ion: 45 Resp: 433066  
Ion Ratio Lower Upper  
45 100  
77 8.3 0.0 28.6  
79 6.7 0.0 26.3





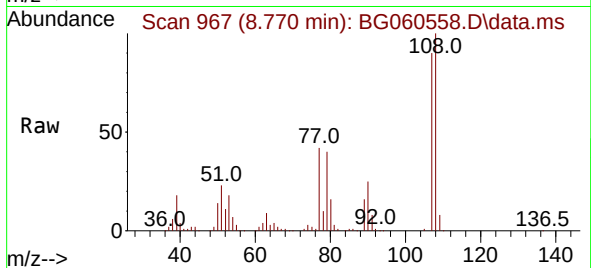
#17  
2-Methylphenol  
Concen: 48.694 ng  
RT: 8.770 min Scan# 90  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

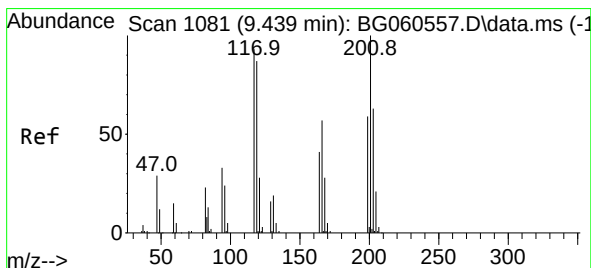
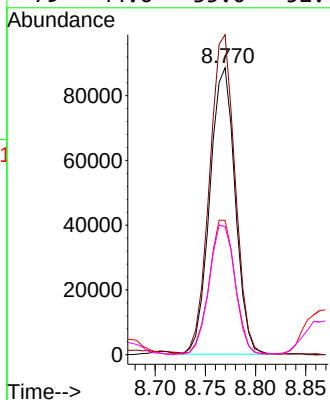
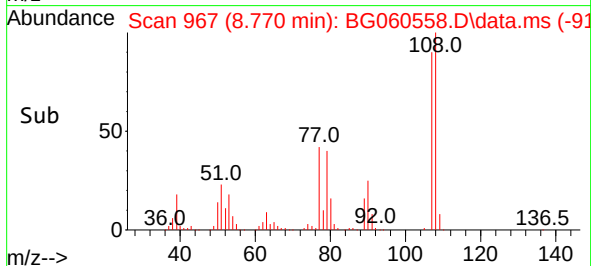


Tgt Ion:107 Resp: 15544  
Ion Ratio Lower Upper  
107 100  
108 111.5 88.6 132.8  
77 46.9 35.2 52.8  
79 44.6 35.0 52.4

Manual Integrations

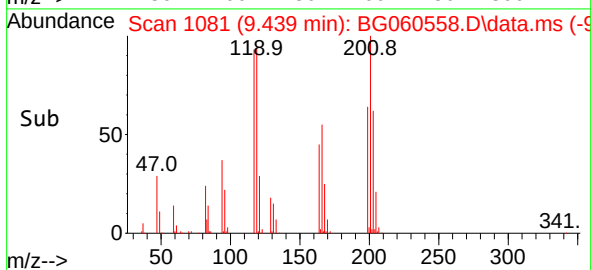
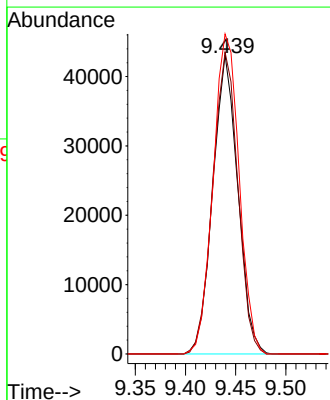
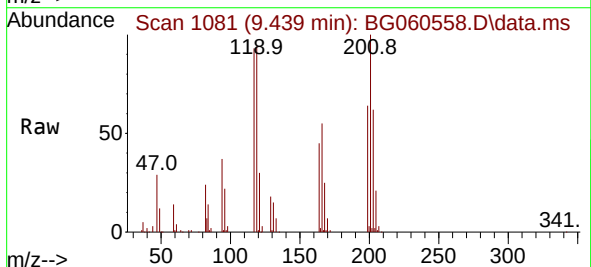
APPROVED

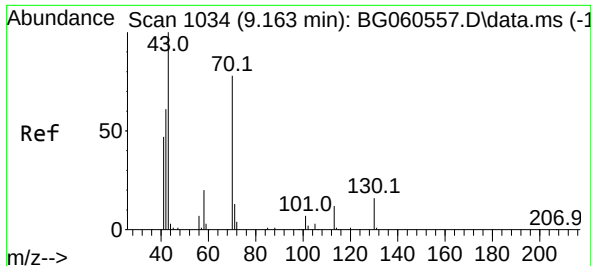
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#18  
Hexachloroethane  
Concen: 49.058 ng  
RT: 9.439 min Scan# 1081  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Tgt Ion:117 Resp: 74612  
Ion Ratio Lower Upper  
117 100  
119 100.9 75.5 113.3  
201 107.0 86.3 129.5





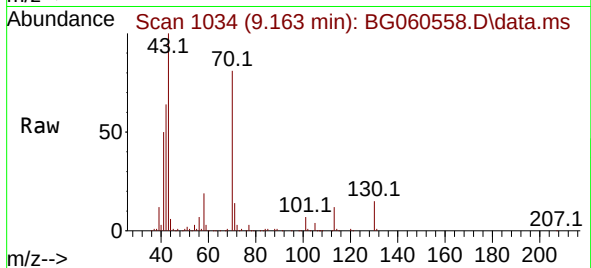
#19  
n-Nitroso-di-n-propylamine  
Concen: 49.121 ng  
RT: 9.163 min Scan# 1034  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

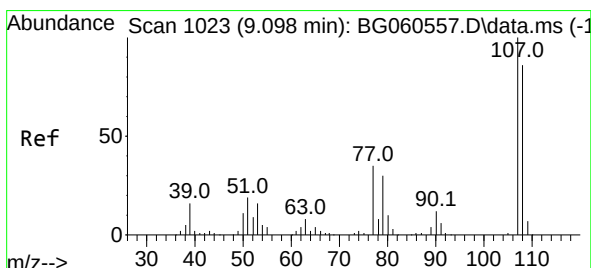
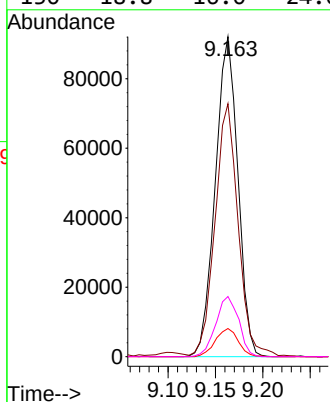
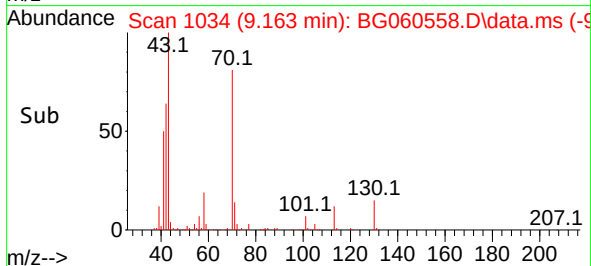


Tgt Ion: 70 Resp: 15269  
Ion Ratio Lower Upper  
70 100  
42 79.0 63.9 95.9  
101 8.8 7.0 10.4  
130 18.8 16.0 24.0

Manual Integrations

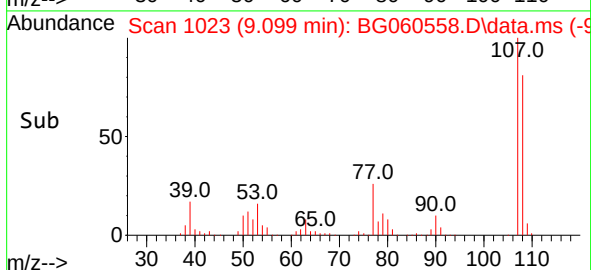
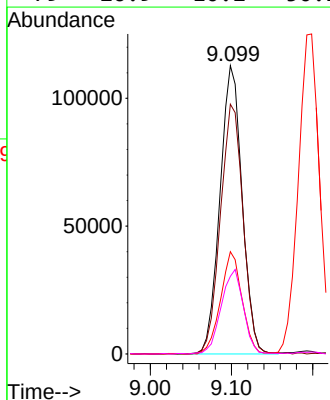
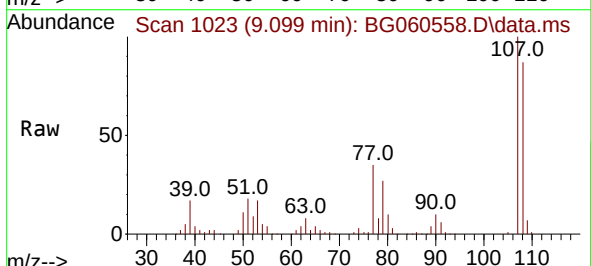
APPROVED

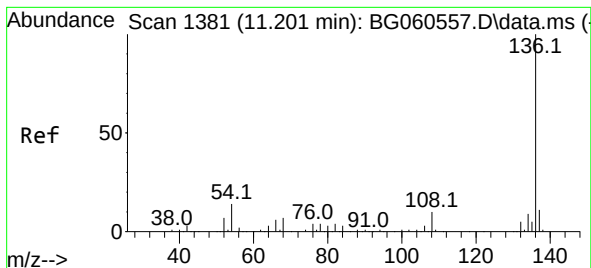
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#20  
3+4-Methylphenols  
Concen: 49.847 ng  
RT: 9.099 min Scan# 1023  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Tgt Ion:107 Resp: 213748  
Ion Ratio Lower Upper  
107 100  
108 86.6 65.7 105.7  
77 35.5 14.7 54.7  
79 26.9 10.2 50.2





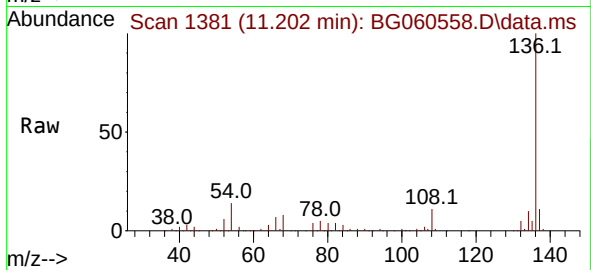
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.202 min Scan# 111  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

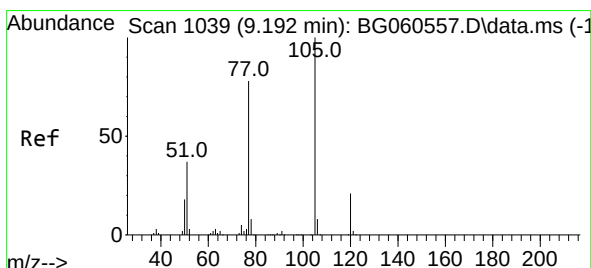
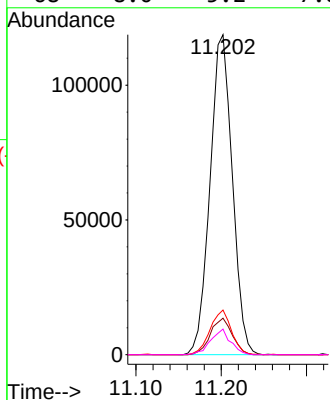
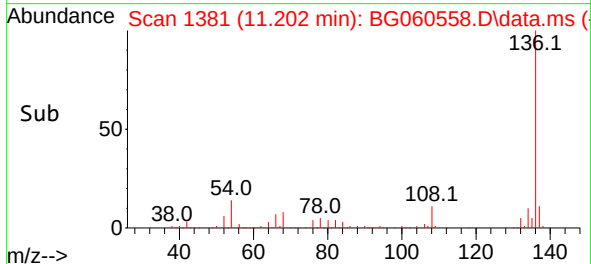


Tgt Ion:136 Resp: 215759  
Ion Ratio Lower Upper  
136 100  
137 11.4 8.9 13.3  
54 13.9 11.4 17.2  
68 8.0 5.2 7.8#

Manual Integrations

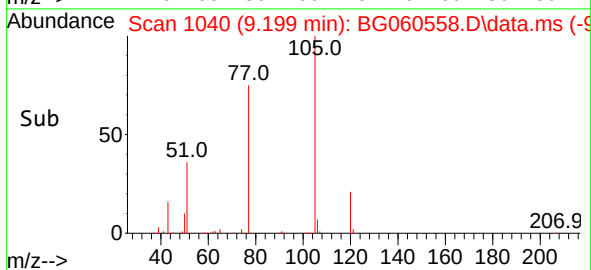
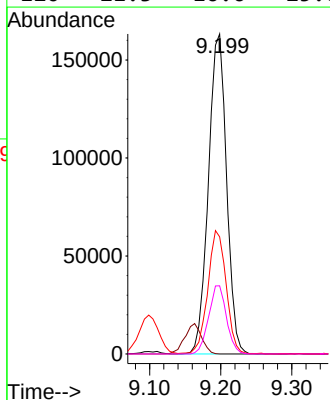
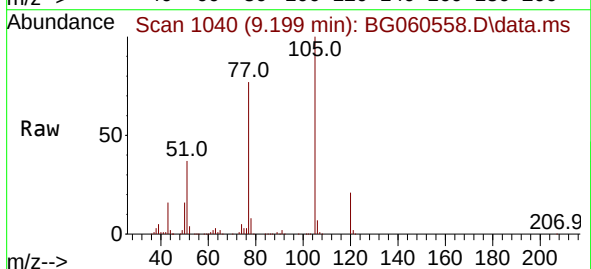
APPROVED

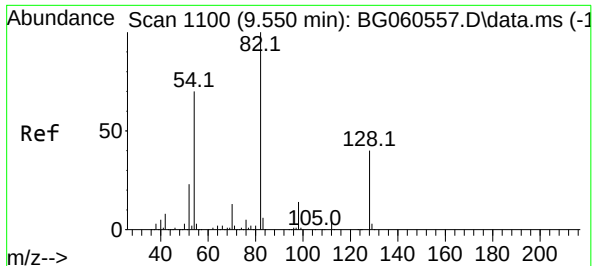
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#22  
Acetophenone  
Concen: 48.862 ng  
RT: 9.199 min Scan# 1040  
Delta R.T. 0.006 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Tgt Ion:105 Resp: 289989  
Ion Ratio Lower Upper  
105 100  
71 0.0 0.2 0.2#  
51 36.6 29.4 44.2  
120 21.3 16.6 25.0





#23

Nitrobenzene-d5

Concen: 105.549 ng

RT: 9.551 min Scan# 1100

Delta R.T. 0.001 min

Lab File: BG060558.D

Acq: 6 Feb 2024 15:56

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

Tgt Ion: 82 Resp: 404860

Ion Ratio Lower Upper

82 100

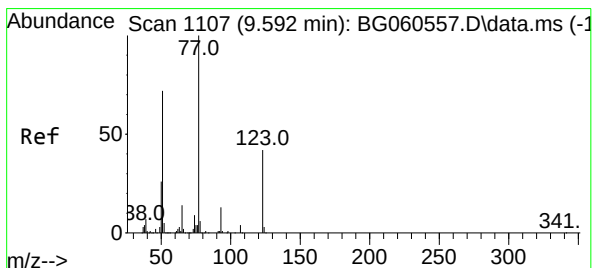
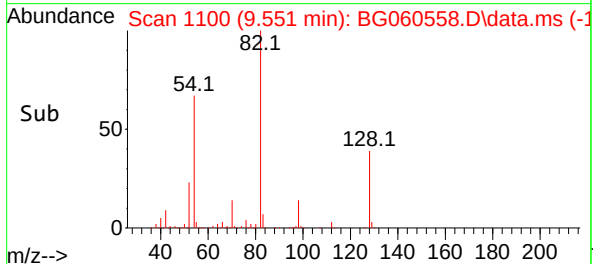
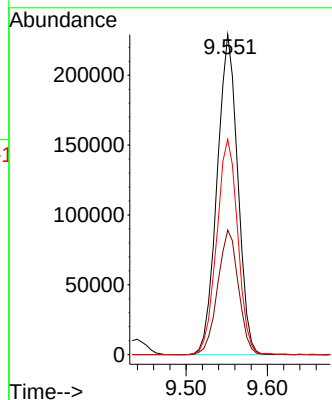
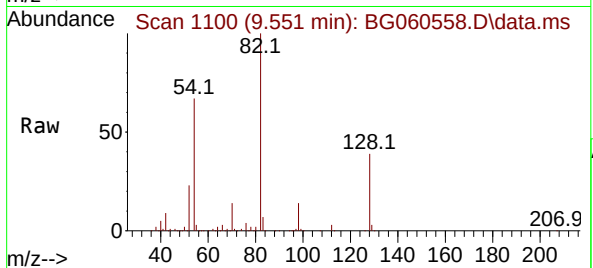
128 39.0 32.3 48.5

54 67.3 56.4 84.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#24

Nitrobenzene

Concen: 54.430 ng

RT: 9.592 min Scan# 1107

Delta R.T. 0.001 min

Lab File: BG060558.D

Acq: 6 Feb 2024 15:56

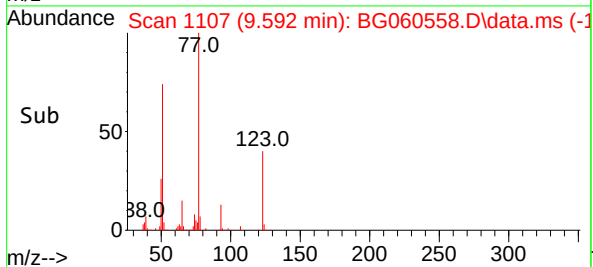
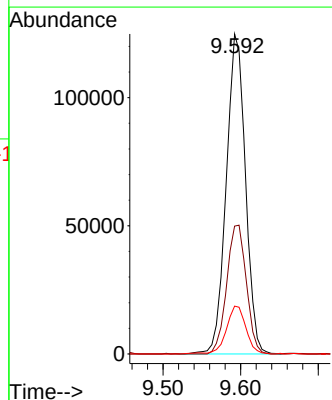
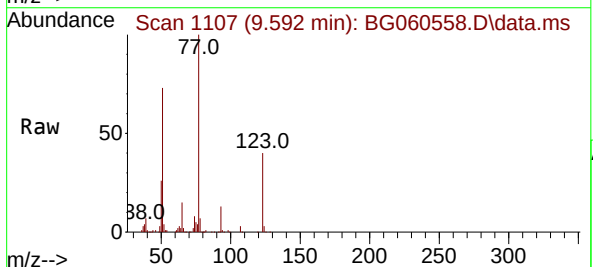
Tgt Ion: 77 Resp: 215507

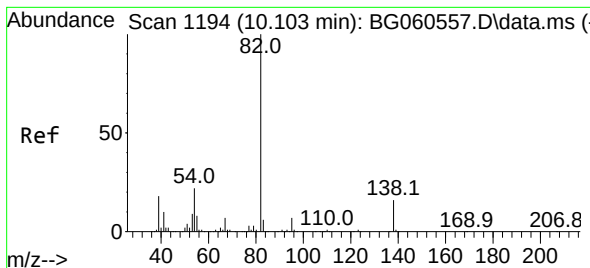
Ion Ratio Lower Upper

77 100

123 39.9 33.4 50.2

65 14.9 11.3 16.9





#25

Isophorone

Concen: 50.099 ng

RT: 10.103 min Scan# 1194

Delta R.T. 0.001 min

Lab File: BG060558.D

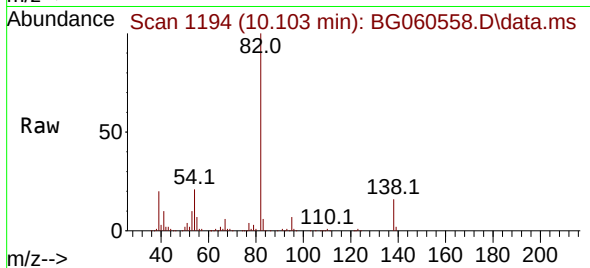
Acq: 6 Feb 2024 15:56

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050



Tgt Ion: 82 Resp: 417462

Ion Ratio Lower Upper

82 100

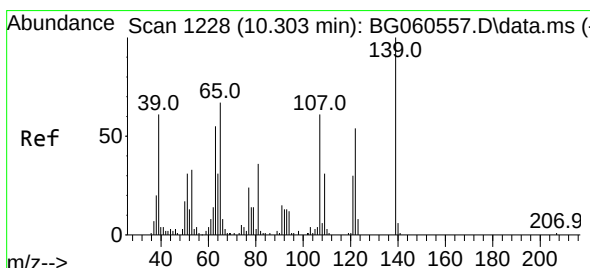
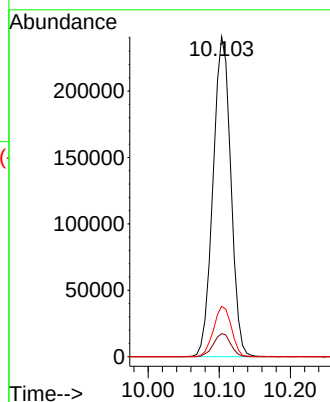
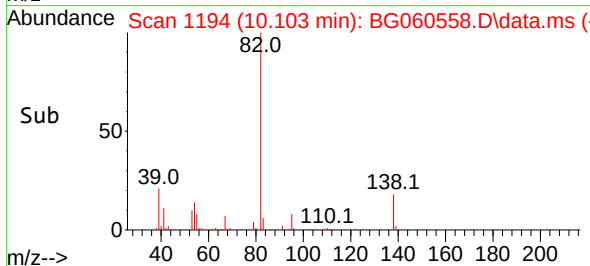
95 7.2 5.3 7.9

138 15.7 12.9 19.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#26

2-Nitrophenol

Concen: 50.464 ng

RT: 10.303 min Scan# 1228

Delta R.T. 0.000 min

Lab File: BG060558.D

Acq: 6 Feb 2024 15:56

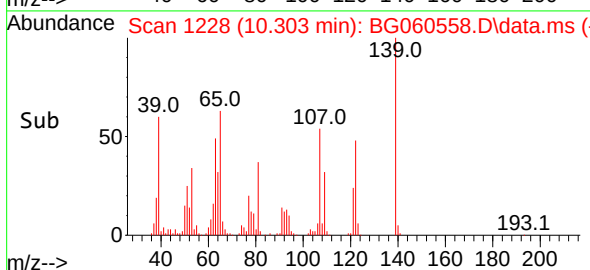
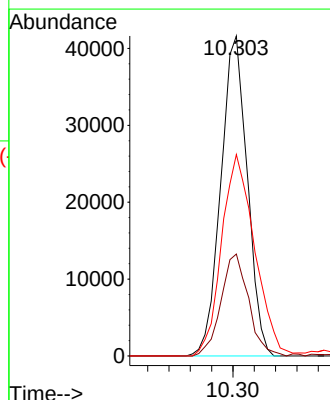
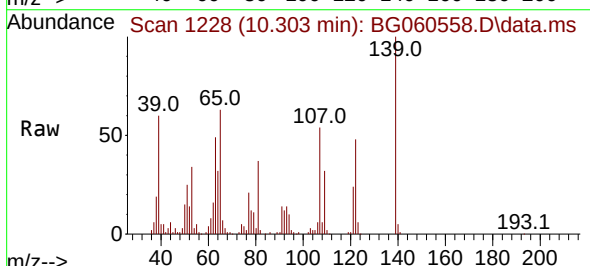
Tgt Ion:139 Resp: 71688

Ion Ratio Lower Upper

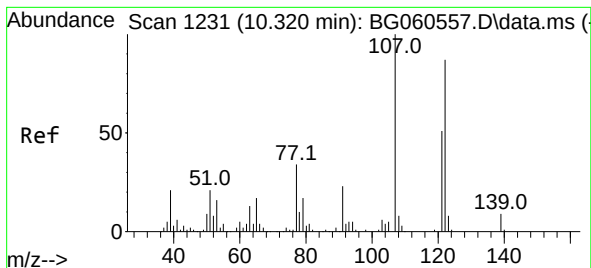
139 100

109 31.8 25.1 37.7

65 62.9 53.7 80.5







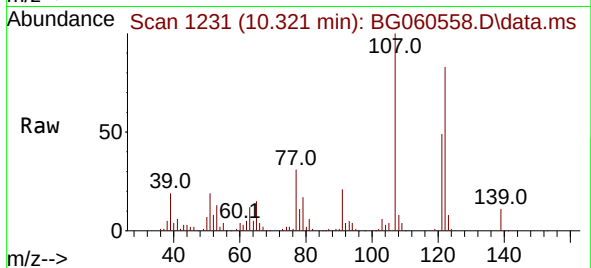
#27  
2,4-Dimethylphenol  
Concen: 49.605 ng  
RT: 10.321 min Scan# 1231  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

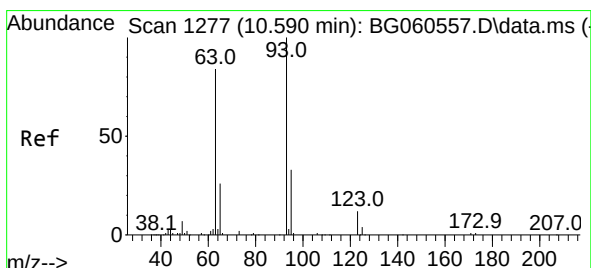
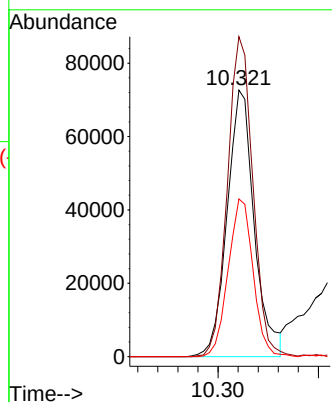
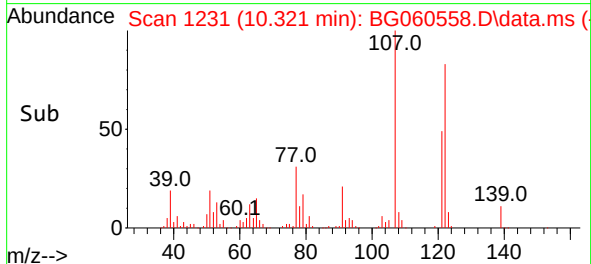


Tgt Ion:122 Resp: 13693  
Ion Ratio Lower Upper  
122 100  
107 120.0 92.5 138.7  
121 59.1 47.3 70.9

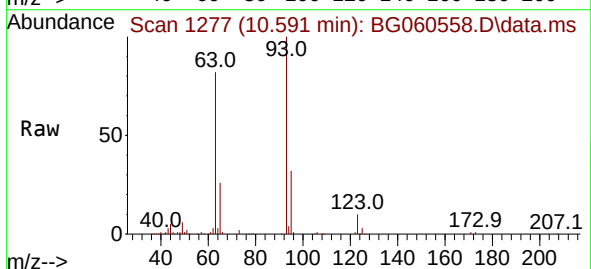
Manual Integrations

APPROVED

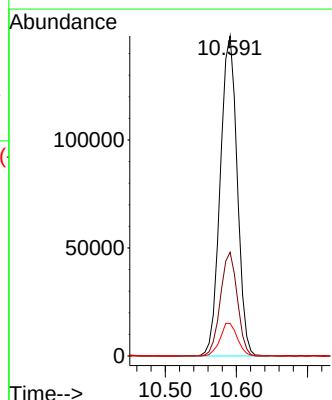
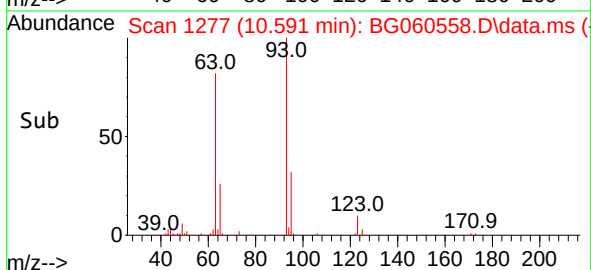
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024

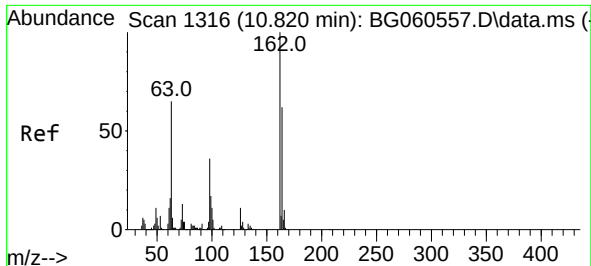


#28  
bis(2-Chloroethoxy)methane  
Concen: 49.182 ng  
RT: 10.591 min Scan# 1277  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56



Tgt Ion: 93 Resp: 244378  
Ion Ratio Lower Upper  
93 100  
95 32.4 26.7 40.1  
123 10.2 9.4 14.0





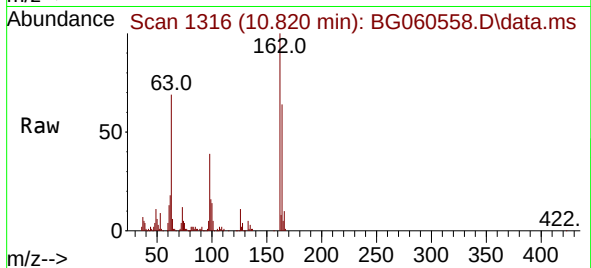
#29  
2,4-Dichlorophenol  
Concen: 50.459 ng  
RT: 10.820 min Scan# 1316  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

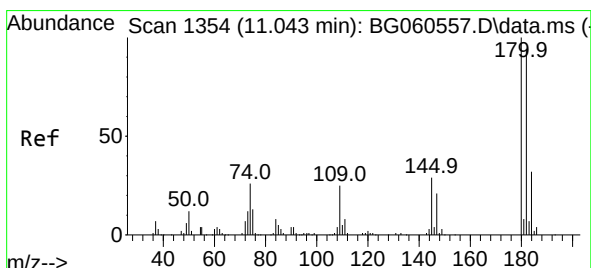
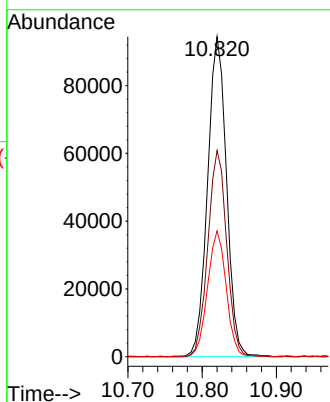
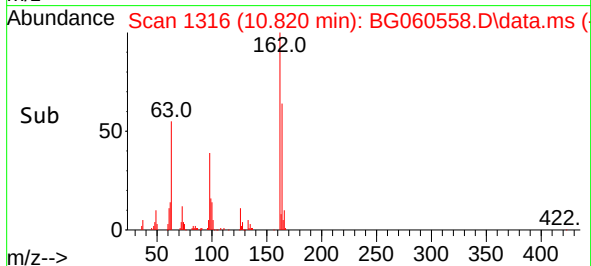


Tgt Ion:162 Resp: 16744  
Ion Ratio Lower Upper  
162 100  
164 64.4 42.2 82.2  
98 39.3 16.2 56.2

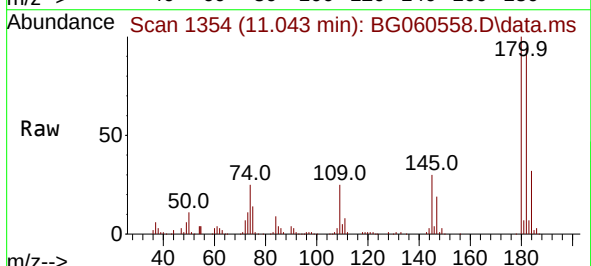
Manual Integrations

APPROVED

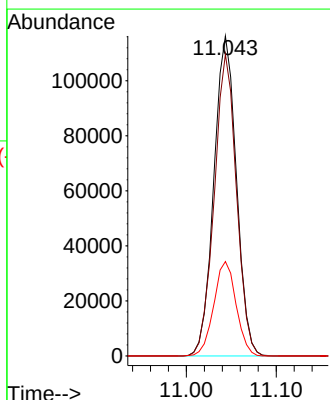
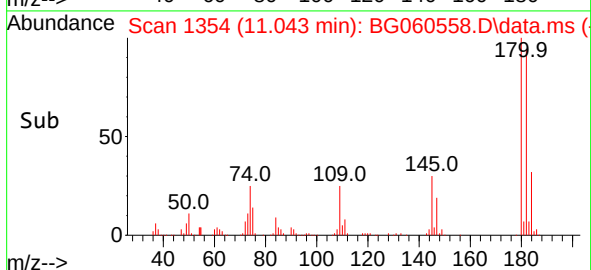
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024

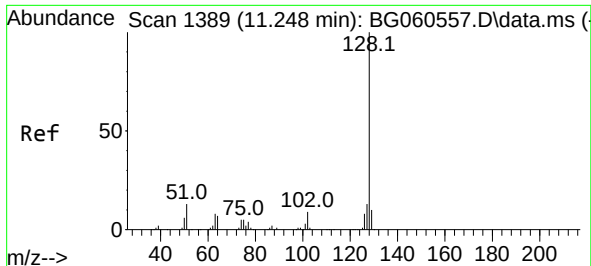


#30  
1,2,4-Trichlorobenzene  
Concen: 50.062 ng  
RT: 11.043 min Scan# 1354  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56



Tgt Ion:180 Resp: 202452  
Ion Ratio Lower Upper  
180 100  
182 94.2 75.5 113.3  
145 29.5 23.0 34.6





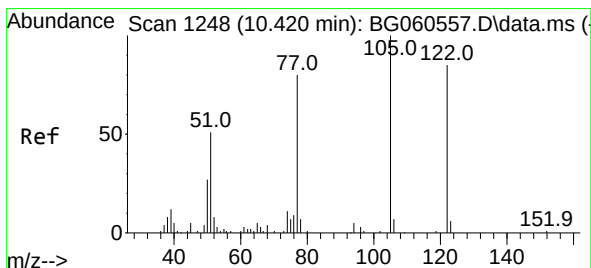
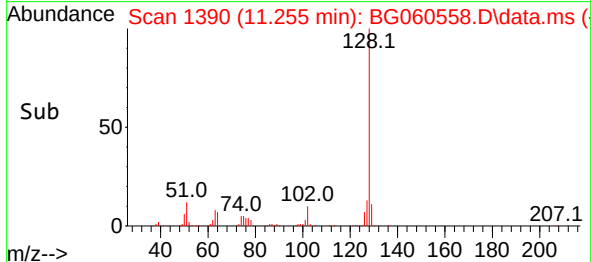
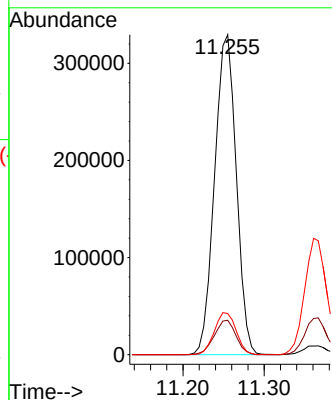
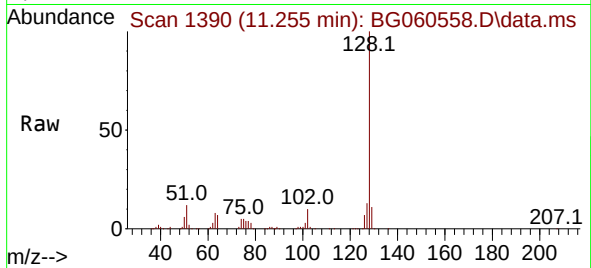
#31  
Naphthalene  
Concen: 49.778 ng  
RT: 11.255 min Scan# 11255  
Delta R.T. 0.006 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050

Tgt Ion:128 Resp: 61101  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.2 12.4  
127 12.8 10.6 16.0

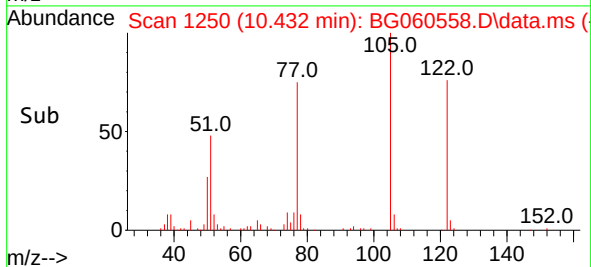
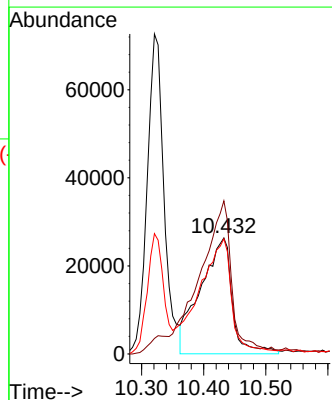
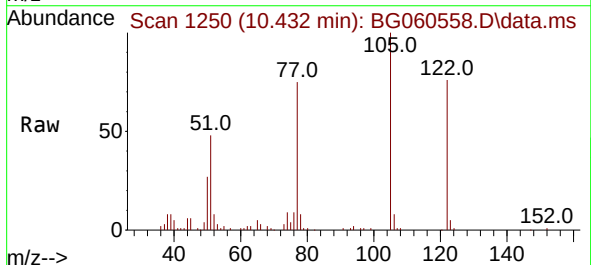
Manual Integrations  
APPROVED

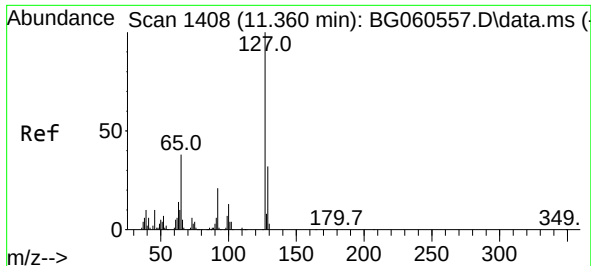
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#32  
Benzoic acid  
Concen: 48.048 ng m  
RT: 10.432 min Scan# 1250  
Delta R.T. 0.012 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Tgt Ion:122 Resp: 93737  
Ion Ratio Lower Upper  
122 100  
105 132.0 98.0 138.0  
77 99.2 74.9 114.9





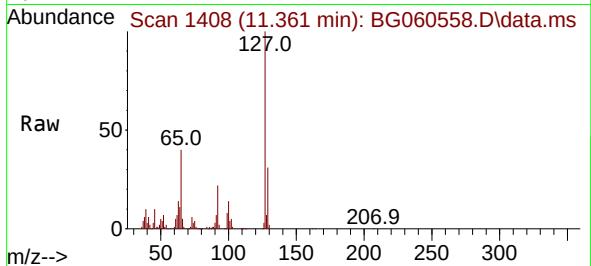
#33  
4-Chloroaniline  
Concen: 51.132 ng  
RT: 11.361 min Scan# 1408  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

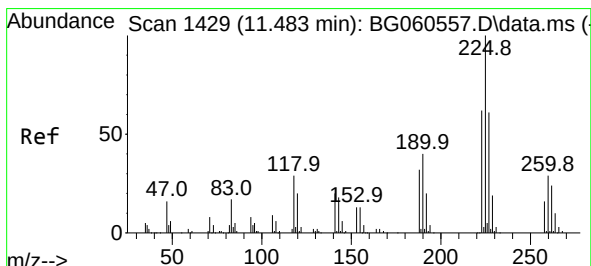
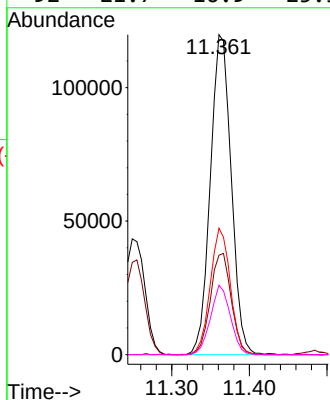
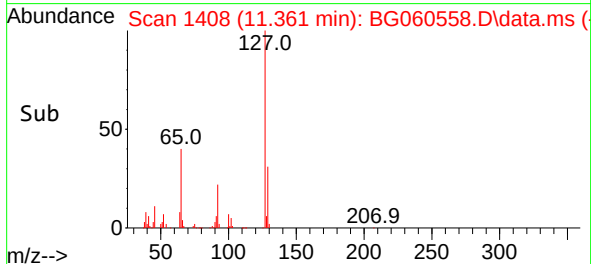


|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 22454 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 31.1  | 25.6  | 38.4  |
| 65        | 39.5  | 30.5  | 45.7  |
| 92        | 21.7  | 16.9  | 25.3  |

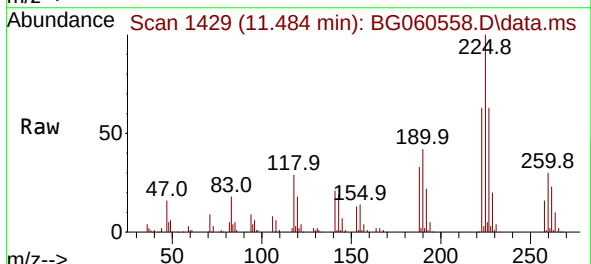
Manual Integrations

APPROVED

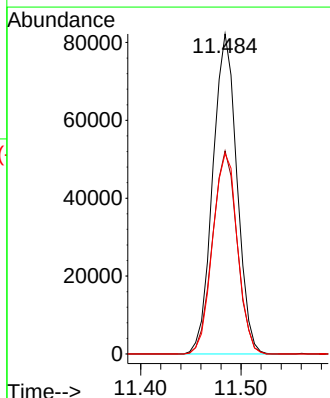
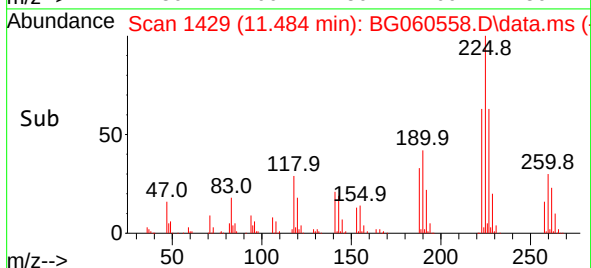
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024

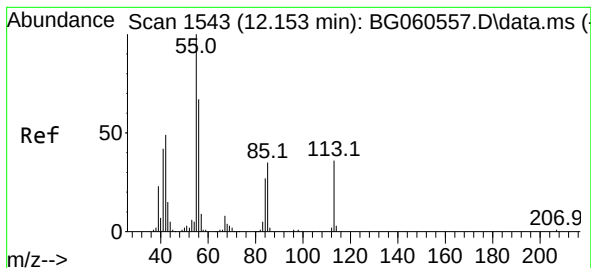


#34  
Hexachlorobutadiene  
Concen: 49.565 ng  
RT: 11.484 min Scan# 1429  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 137141 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 63.5  | 49.8  | 74.8   |
| 227       | 62.6  | 48.7  | 73.1   |





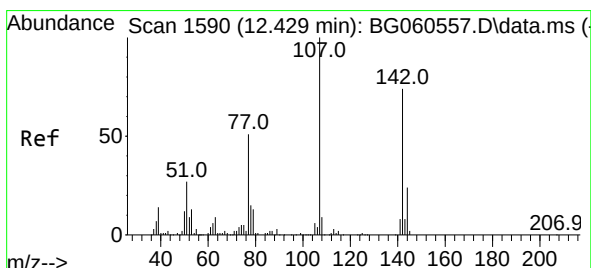
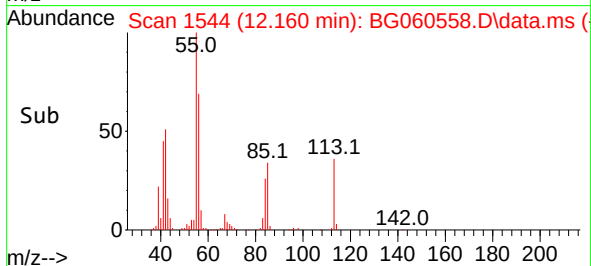
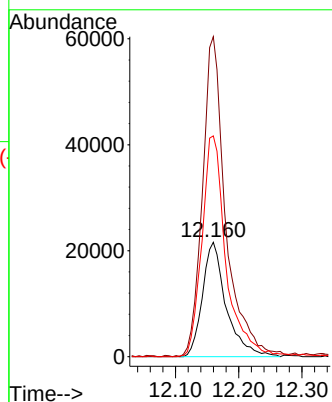
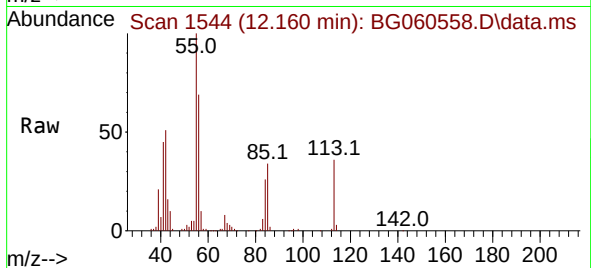
#35  
Caprolactam  
Concen: 49.874 ng  
RT: 12.160 min Scan# 113  
Delta R.T. 0.006 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050

Tgt Ion:113 Resp: 56300  
Ion Ratio Lower Upper  
113 100  
55 279.5 258.6 298.6  
56 192.9 165.0 205.0

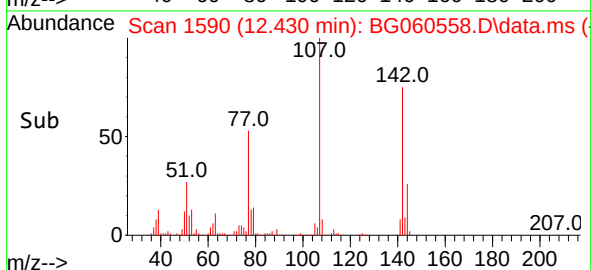
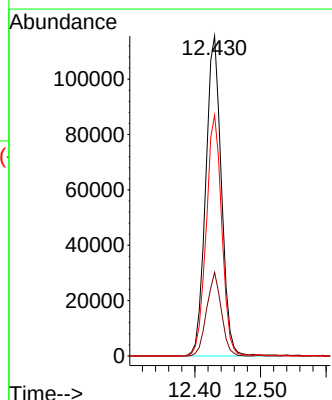
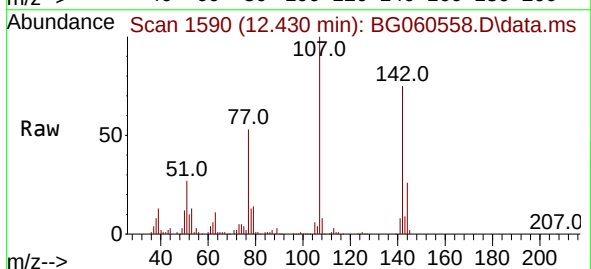
Manual Integrations  
APPROVED

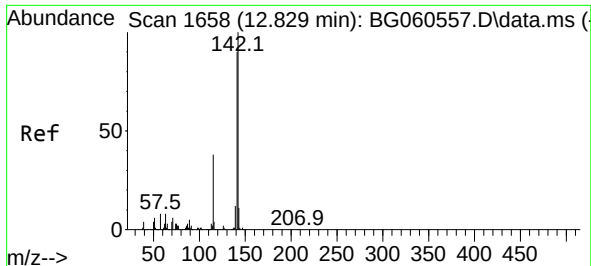
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#36  
4-Chloro-3-methylphenol  
Concen: 50.069 ng  
RT: 12.430 min Scan# 1590  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Tgt Ion:107 Resp: 192023  
Ion Ratio Lower Upper  
107 100  
144 26.1 19.2 28.8  
142 75.3 59.3 88.9





#37  
2-Methylnaphthalene  
Concen: 49.267 ng  
RT: 12.830 min Scan# 1658  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Instrument :

BNA\_G

ClientSampleId :

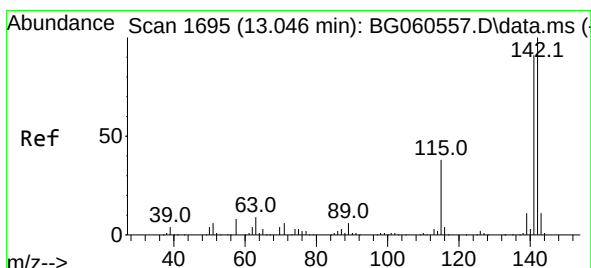
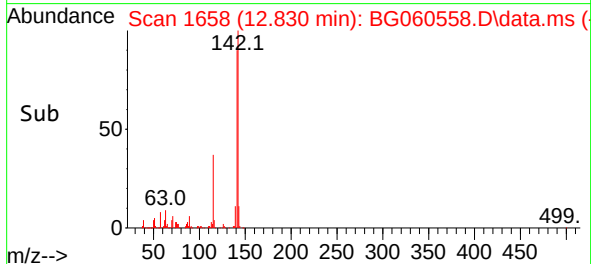
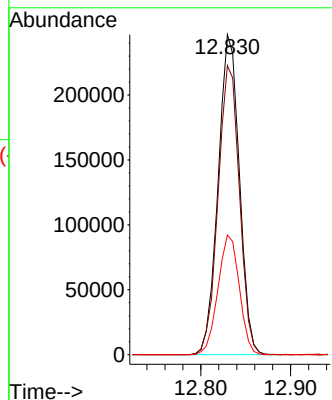
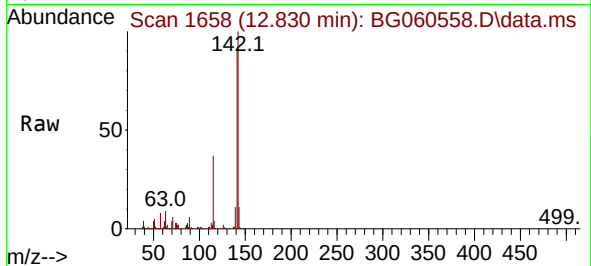
SSTDICC050

Tgt Ion:142 Resp: 403800  
Ion Ratio Lower Upper  
142 100  
141 90.3 71.9 107.9  
115 37.4 30.4 45.6

Manual Integrations

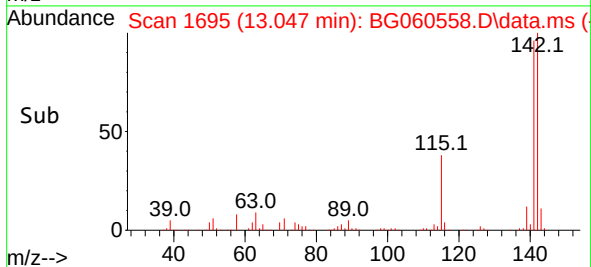
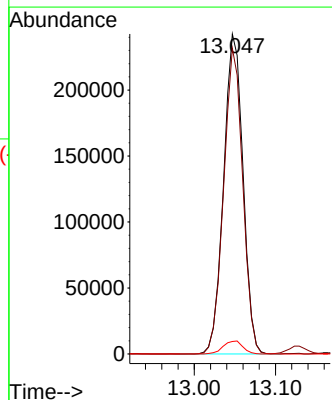
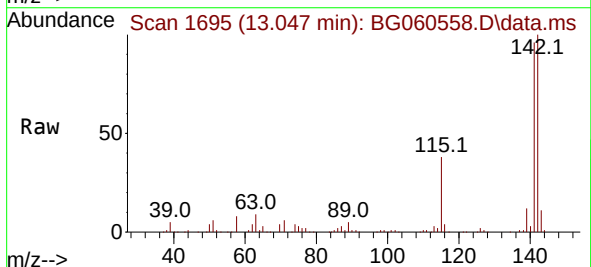
APPROVED

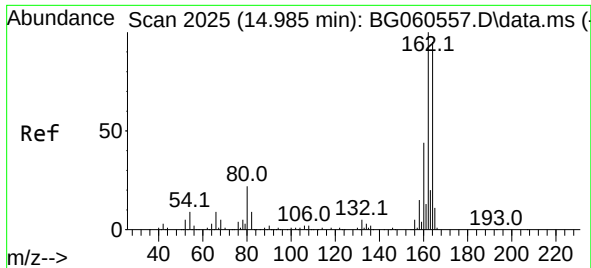
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#38  
1-Methylnaphthalene  
Concen: 49.747 ng  
RT: 13.047 min Scan# 1695  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Tgt Ion:142 Resp: 401989  
Ion Ratio Lower Upper  
142 100  
141 95.5 72.8 109.2  
116 3.9 3.0 4.4





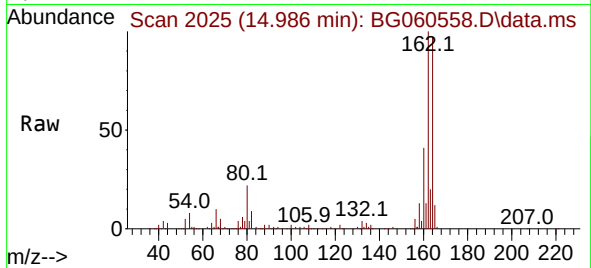
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.986 min Scan# 20  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

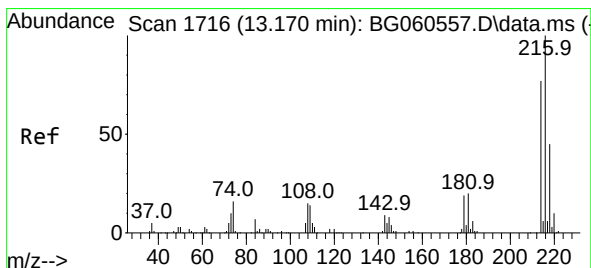
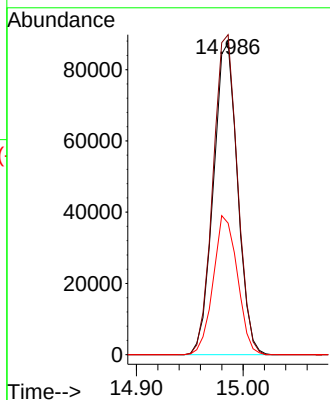
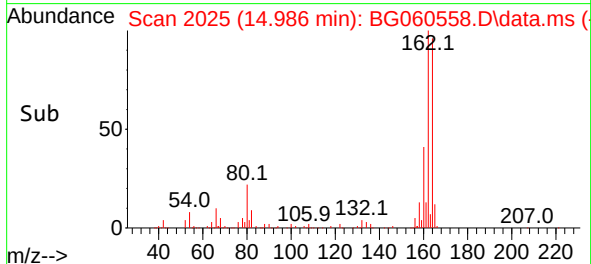


Tgt Ion:164 Resp: 13752  
Ion Ratio Lower Upper  
164 100  
162 102.6 84.2 126.2  
160 42.2 37.2 55.8

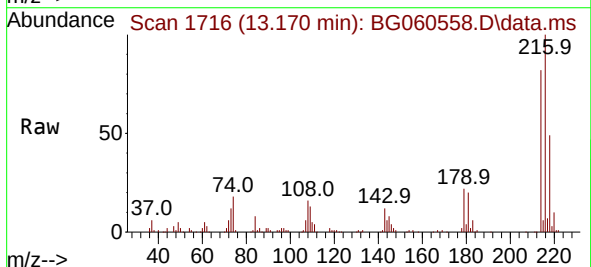
Manual Integrations

APPROVED

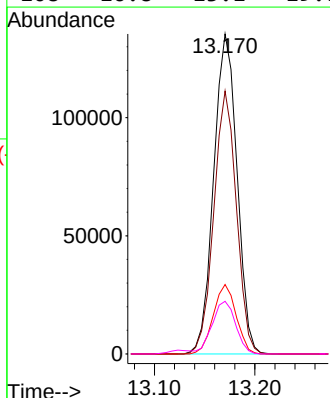
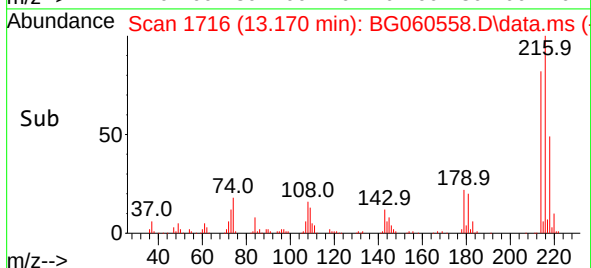
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024

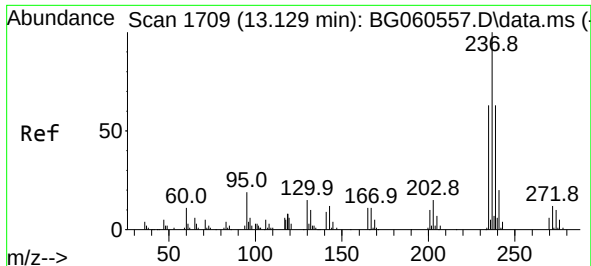


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 48.872 ng  
RT: 13.170 min Scan# 1716  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56



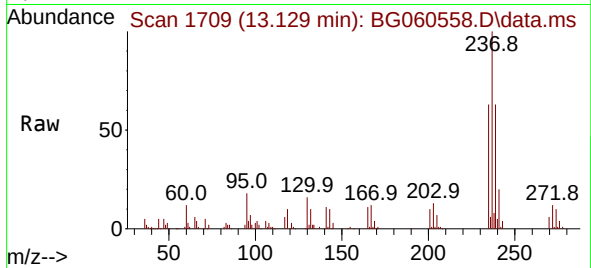
Tgt Ion:216 Resp: 218644  
Ion Ratio Lower Upper  
216 100  
214 79.4 62.6 94.0  
179 21.2 16.5 24.7  
108 16.8 13.1 19.7





#41  
Hexachlorocyclopentadiene  
Concen: 53.723 ng  
RT: 13.129 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

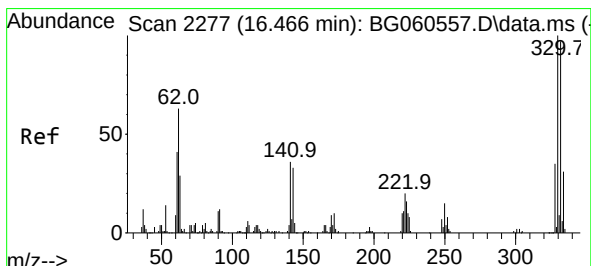
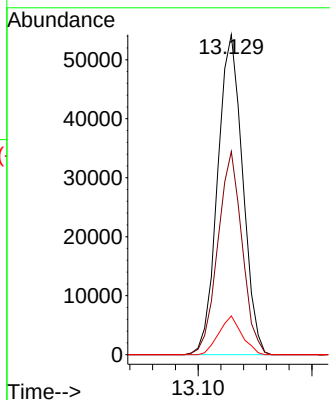
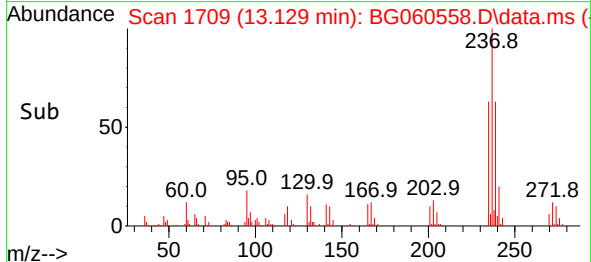
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



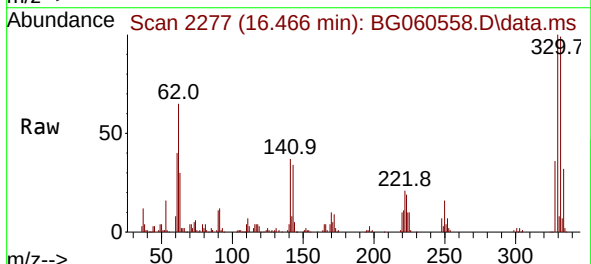
Tgt Ion:237 Resp: 82994  
Ion Ratio Lower Upper  
237 100  
235 63.5 42.6 82.6  
272 12.1 0.0 32.3

Manual Integrations  
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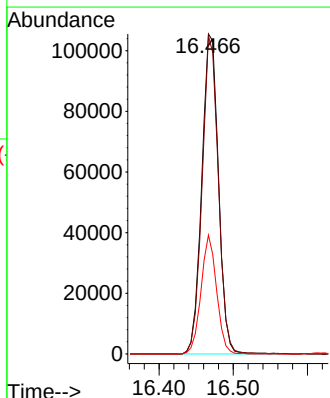
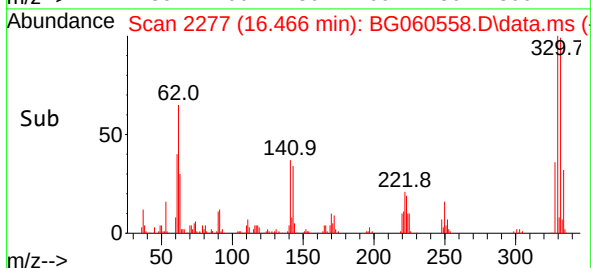
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



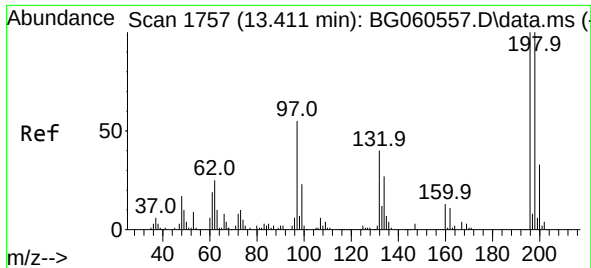
#42  
2,4,6-Tribromophenol  
Concen: 102.317 ng  
RT: 16.466 min Scan# 2277  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56



Tgt Ion:330 Resp: 164932  
Ion Ratio Lower Upper  
330 100  
332 96.6 77.8 116.8  
141 34.6 27.4 41.0







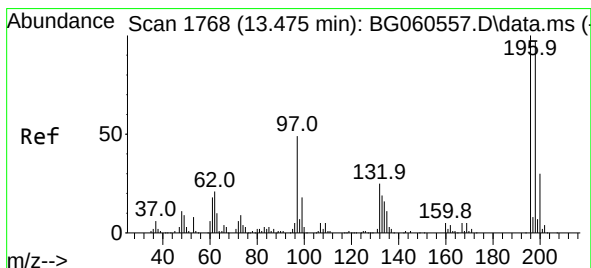
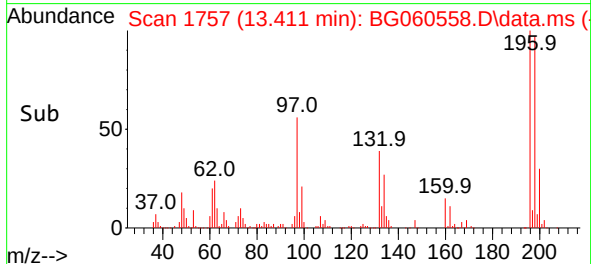
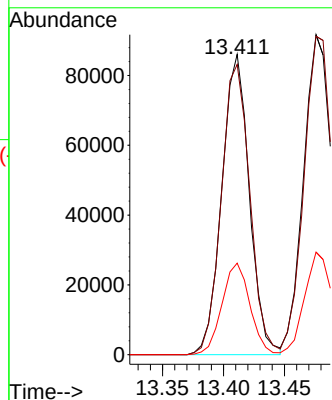
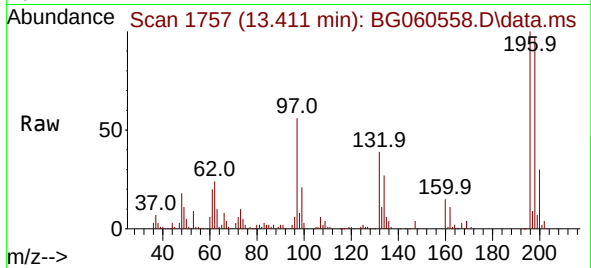
#43  
2,4,6-Trichlorophenol  
Concen: 50.816 ng  
RT: 13.411 min Scan# 1757  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050

Tgt Ion:196 Resp: 13543  
Ion Ratio Lower Upper  
196 100  
198 96.7 79.8 119.8  
200 30.5 26.1 39.1

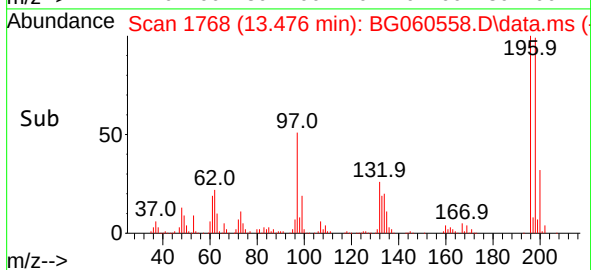
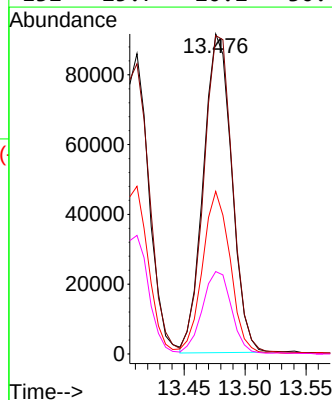
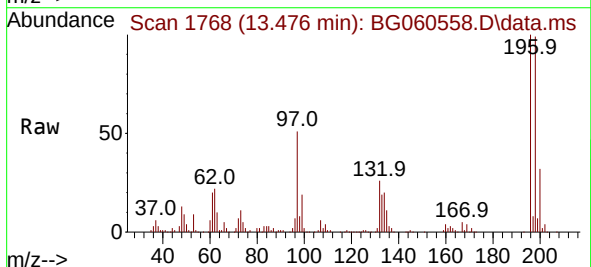
Manual Integrations  
APPROVED

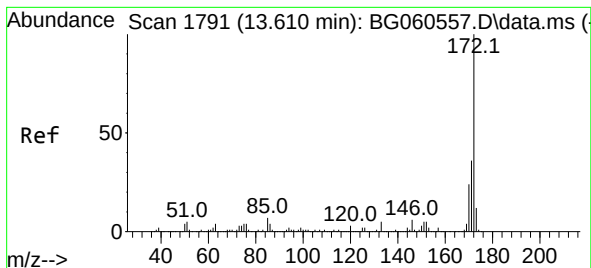
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#44  
2,4,5-Trichlorophenol  
Concen: 49.381 ng  
RT: 13.476 min Scan# 1768  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Tgt Ion:196 Resp: 148161  
Ion Ratio Lower Upper  
196 100  
198 99.5 77.5 116.3  
97 50.8 39.2 58.8  
132 25.7 20.2 30.4





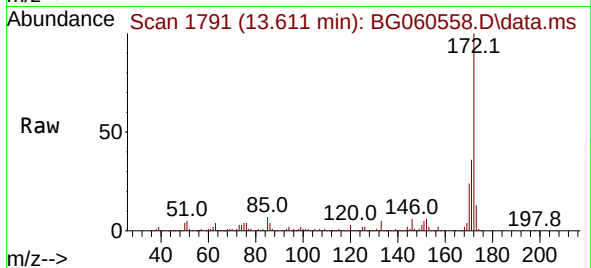
#45  
2-Fluorobiphenyl  
Concen: 97.246 ng  
RT: 13.611 min Scan# 1791  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

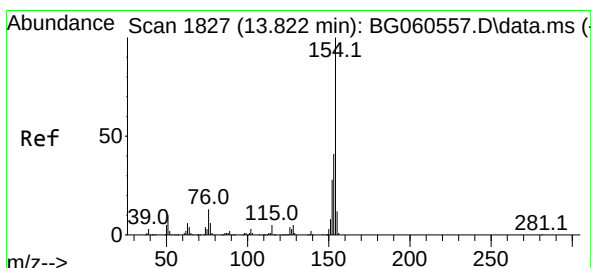
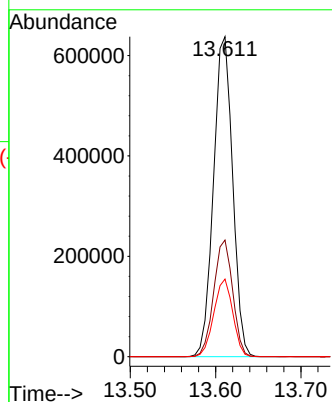
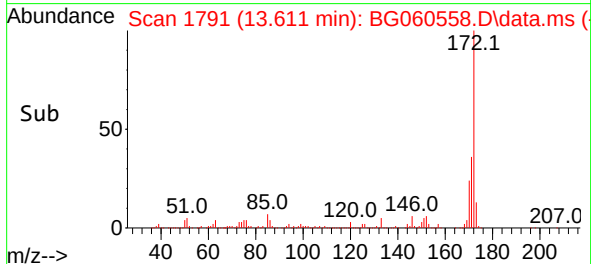


Tgt Ion:172 Resp: 995748  
Ion Ratio Lower Upper  
172 100  
171 36.4 28.8 43.2  
170 24.2 19.2 28.8

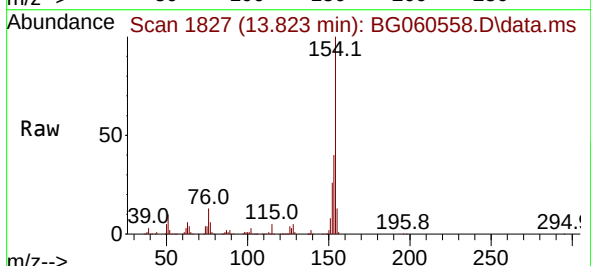
Manual Integrations

APPROVED

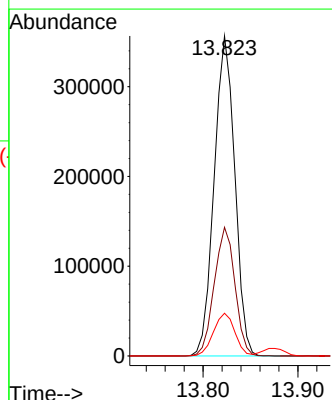
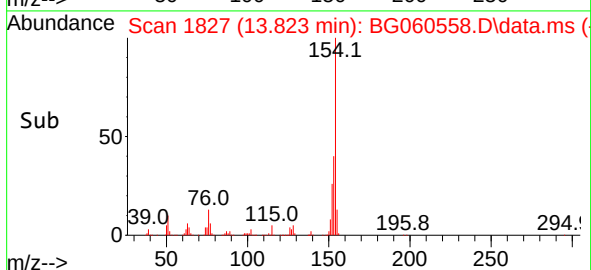
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024

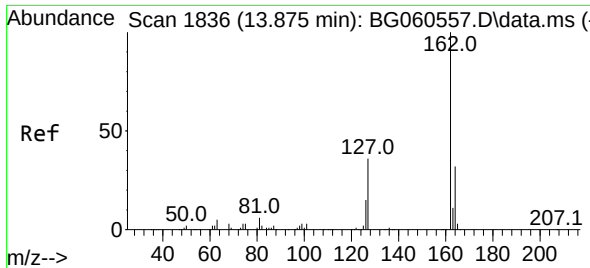


#46  
1,1'-Biphenyl  
Concen: 48.638 ng  
RT: 13.823 min Scan# 1827  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56



Tgt Ion:154 Resp: 538468  
Ion Ratio Lower Upper  
154 100  
153 40.2 20.7 60.7  
76 13.4 0.0 33.4





#47  
2-Chloronaphthalene  
Concen: 48.358 ng  
RT: 13.875 min Scan# 1836  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Instrument :

BNA\_G

ClientSampleId :

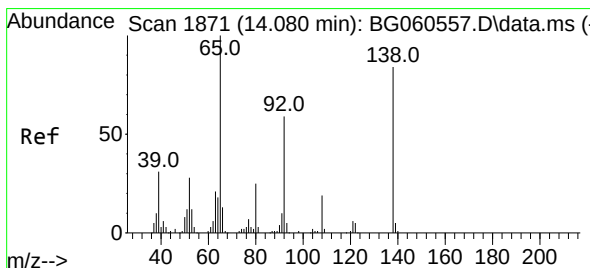
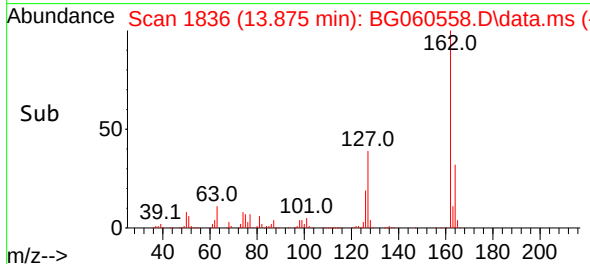
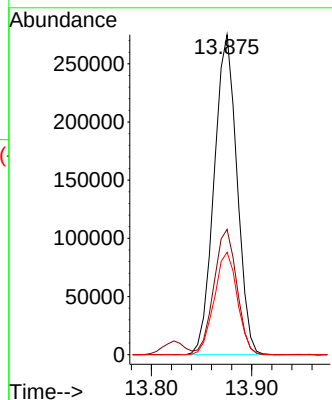
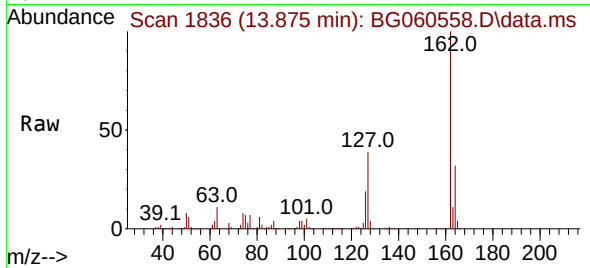
SSTDICC050

Tgt Ion:162 Resp: 434056  
Ion Ratio Lower Upper  
162 100  
127 39.2 31.6 47.4  
164 32.0 25.5 38.3

Manual Integrations

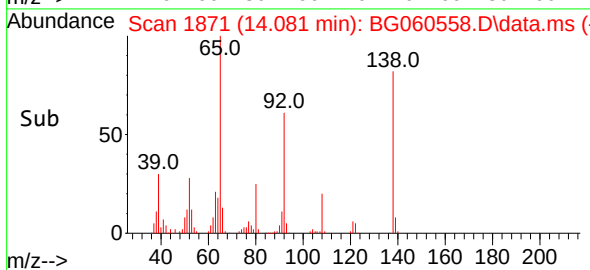
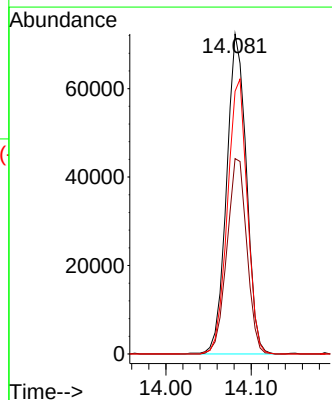
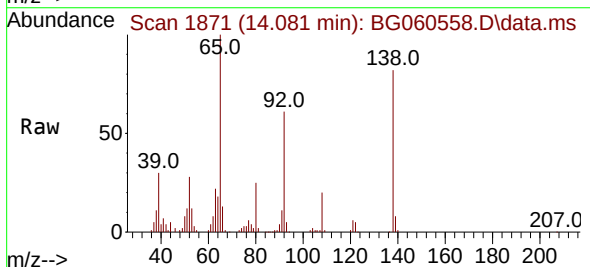
APPROVED

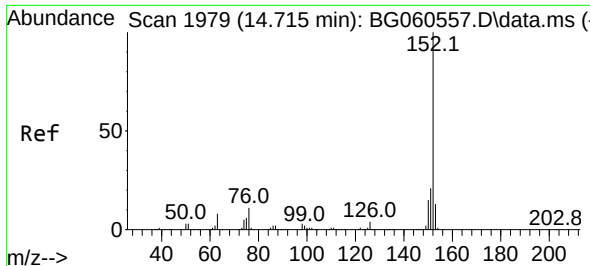
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#48  
2-Nitroaniline  
Concen: 46.625 ng  
RT: 14.081 min Scan# 1871  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Tgt Ion: 65 Resp: 116804  
Ion Ratio Lower Upper  
65 100  
92 61.1 47.0 70.4  
138 82.1 67.3 100.9





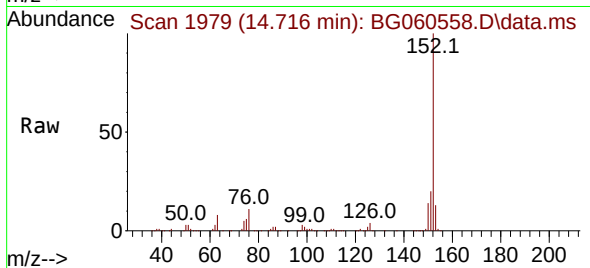
#49  
Acenaphthylene  
Concen: 48.599 ng  
RT: 14.716 min Scan# 1979  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

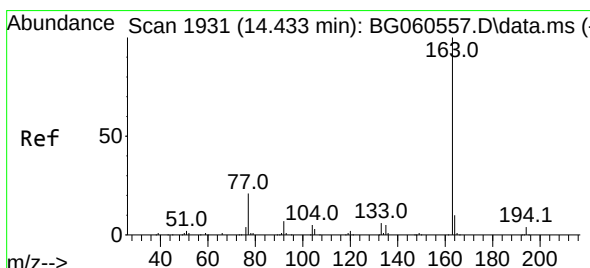
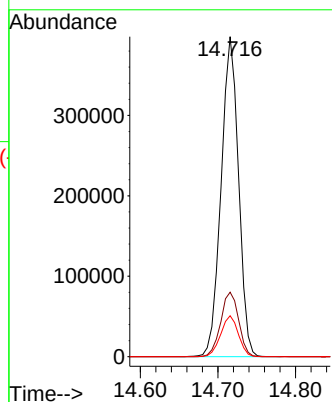
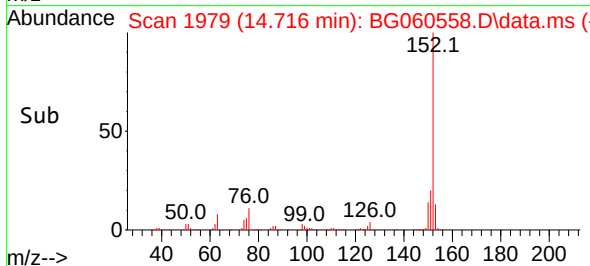


Tgt Ion:152 Resp: 62213  
Ion Ratio Lower Upper  
152 100  
151 20.1 16.6 24.8  
153 12.8 10.2 15.4

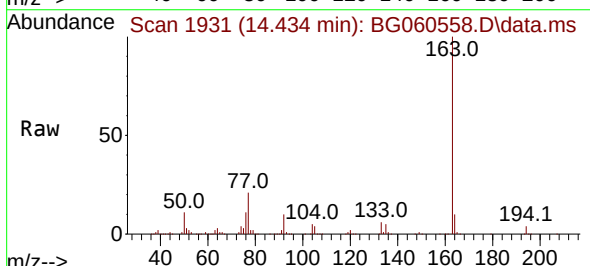
Manual Integrations

APPROVED

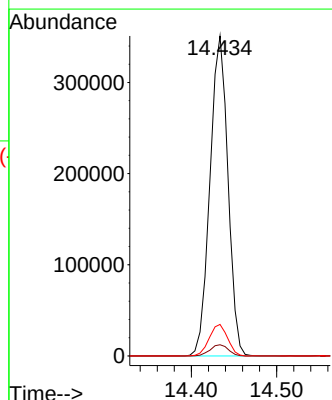
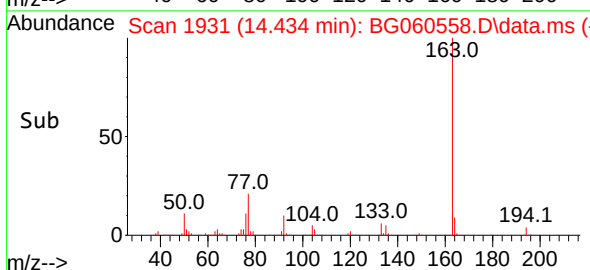
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024

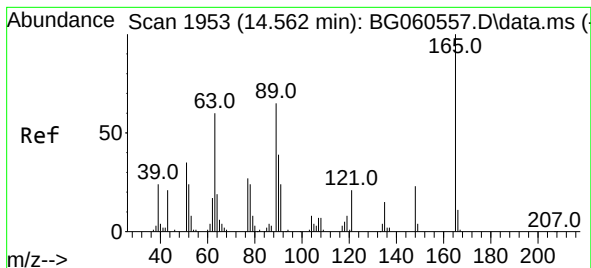


#50  
Dimethylphthalate  
Concen: 48.377 ng  
RT: 14.434 min Scan# 1931  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56



Tgt Ion:163 Resp: 513528  
Ion Ratio Lower Upper  
163 100  
194 3.5 3.2 4.8  
164 9.9 8.1 12.1





#51  
2,6-Dinitrotoluene  
Concen: 47.954 ng  
RT: 14.569 min Scan# 1954  
Delta R.T. 0.007 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Instrument :

BNA\_G

ClientSampleId :

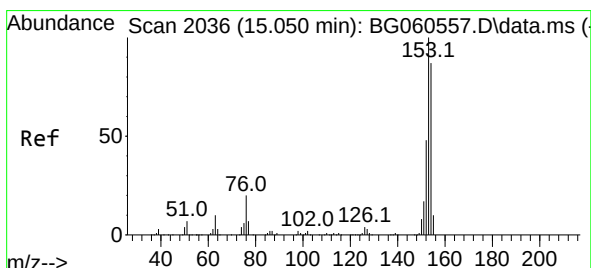
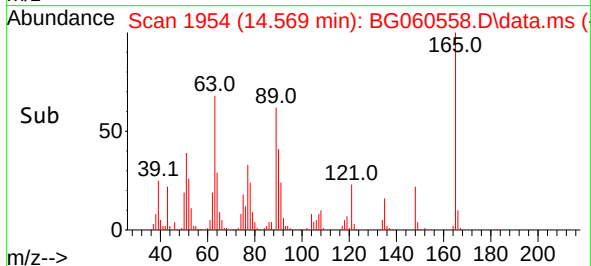
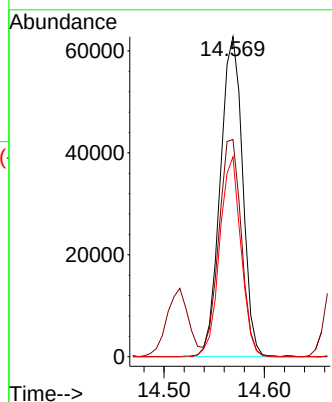
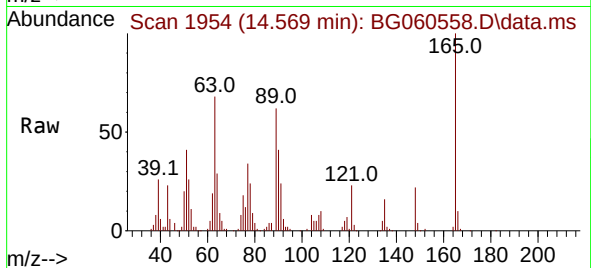
SSTDICC050

Tgt Ion:165 Resp: 9681  
Ion Ratio Lower Upper  
165 100  
63 67.8 59.0 88.4  
89 62.5 51.8 77.8

Manual Integrations

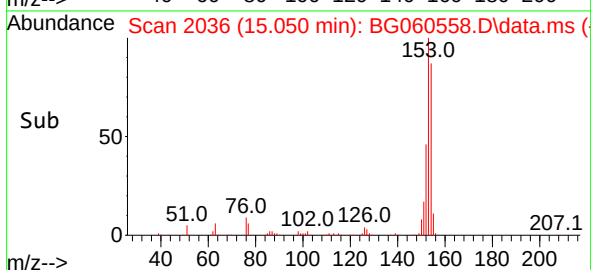
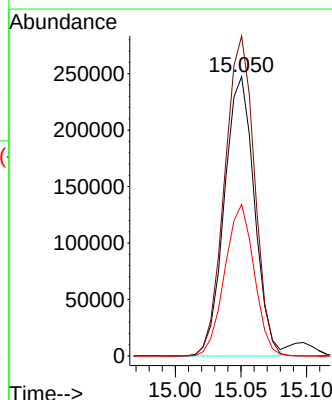
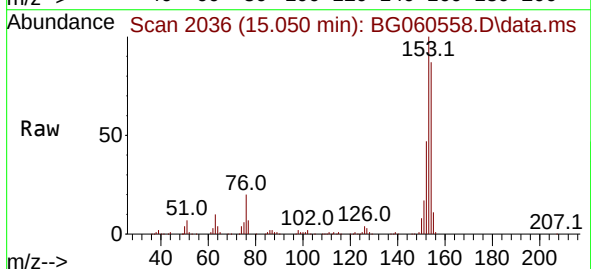
APPROVED

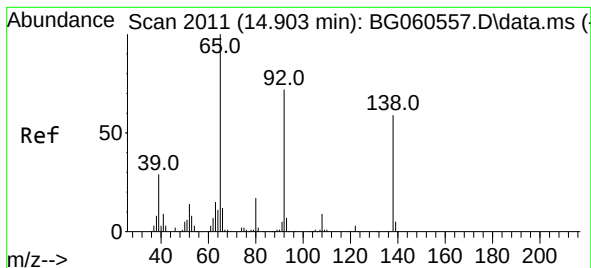
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#52  
Acenaphthene  
Concen: 47.509 ng  
RT: 15.050 min Scan# 2036  
Delta R.T. 0.000 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Tgt Ion:154 Resp: 393025  
Ion Ratio Lower Upper  
154 100  
153 114.6 91.4 137.2  
152 54.3 43.5 65.3





#53  
3-Nitroaniline  
Concen: 47.460 ng  
RT: 14.904 min Scan# 2011  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Instrument :

BNA\_G

ClientSampleId :

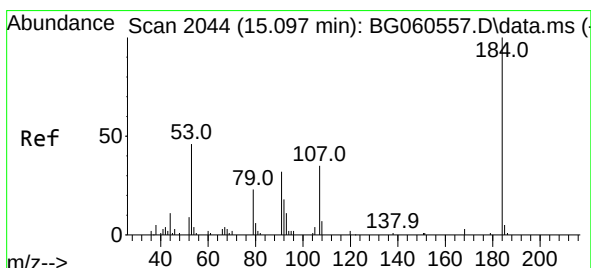
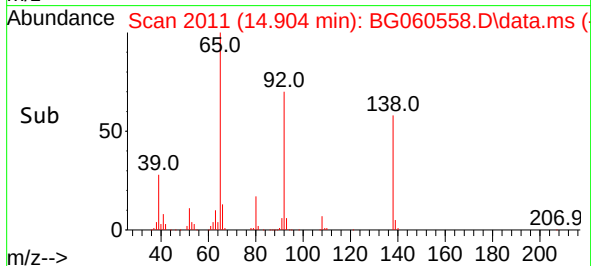
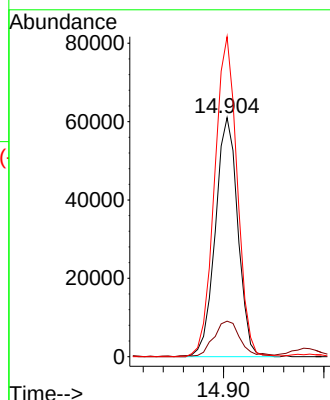
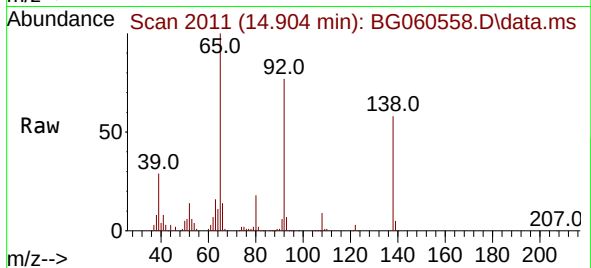
SSTDICC050

Tgt Ion:138 Resp: 9475  
Ion Ratio Lower Upper  
138 100  
108 14.8 12.7 19.1  
92 133.9 96.7 145.1

Manual Integrations

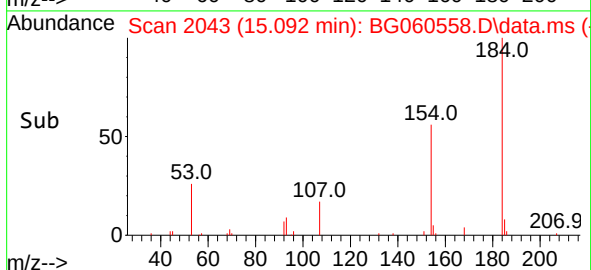
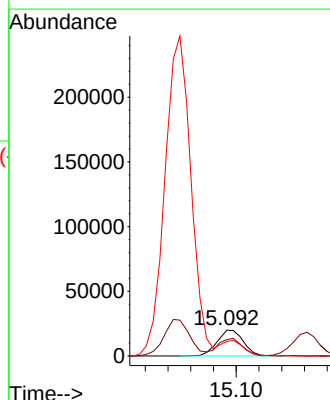
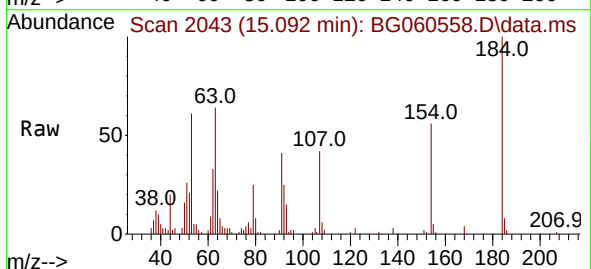
APPROVED

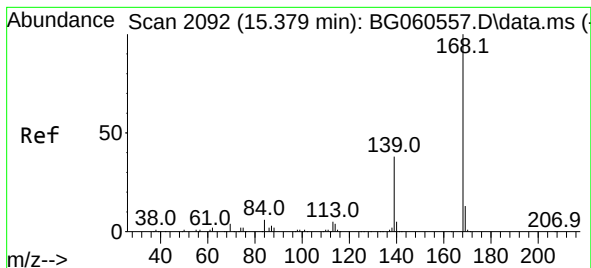
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#54  
2,4-Dinitrophenol  
Concen: 49.312 ng  
RT: 15.092 min Scan# 2043  
Delta R.T. -0.005 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Tgt Ion:184 Resp: 31979  
Ion Ratio Lower Upper  
184 100  
63 63.5 44.2 66.2  
154 56.4 44.3 66.5





#55  
Dibenzofuran  
Concen: 48.647 ng  
RT: 15.380 min Scan# 2092  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Instrument :

BNA\_G

ClientSampleId :

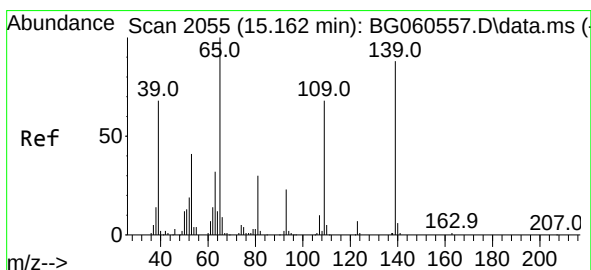
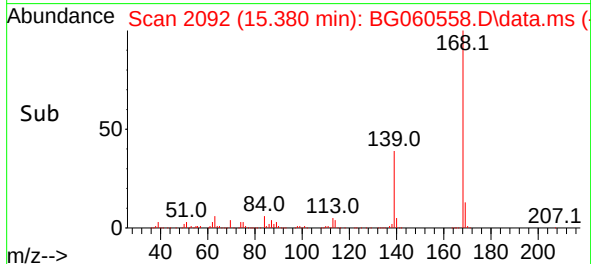
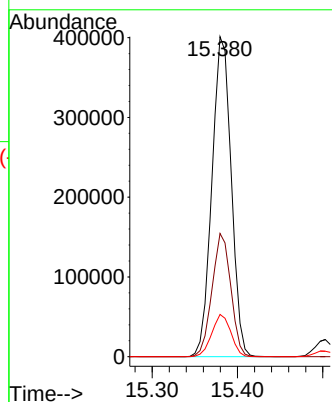
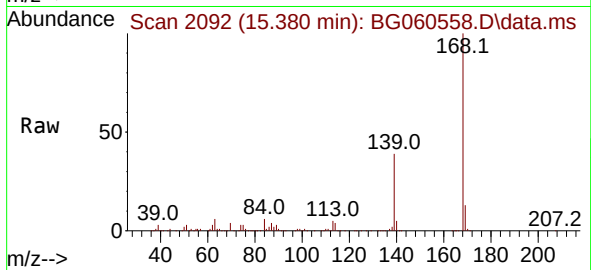
SSTDICC050

Tgt Ion:168 Resp: 630274  
Ion Ratio Lower Upper  
168 100  
139 38.5 30.2 45.2  
169 13.2 10.6 15.8

Manual Integrations

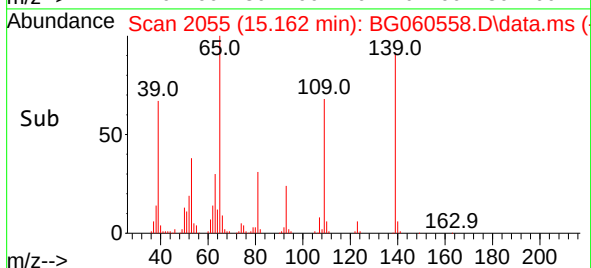
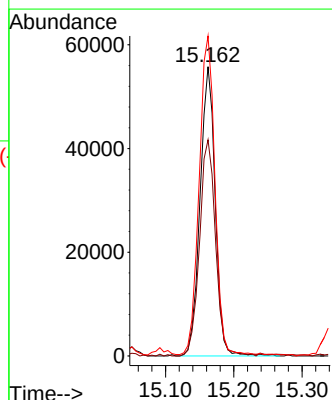
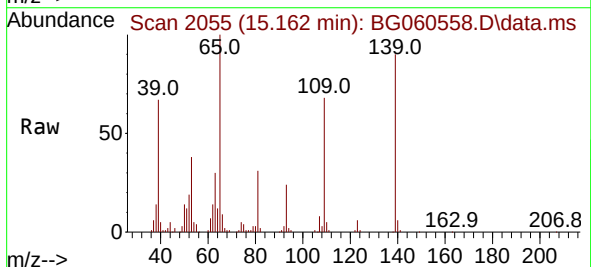
APPROVED

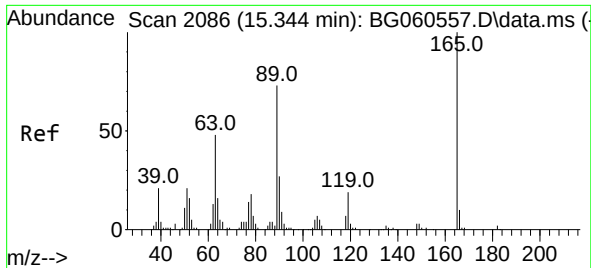
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#56  
4-Nitrophenol  
Concen: 48.670 ng  
RT: 15.162 min Scan# 2055  
Delta R.T. 0.000 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Tgt Ion:139 Resp: 86147  
Ion Ratio Lower Upper  
139 100  
109 74.7 58.1 98.1  
65 110.6 94.4 134.4





#57  
2,4-Dinitrotoluene  
Concen: 47.302 ng  
RT: 15.344 min Scan# 2086  
Delta R.T. 0.000 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Instrument :

BNA\_G

ClientSampleId :

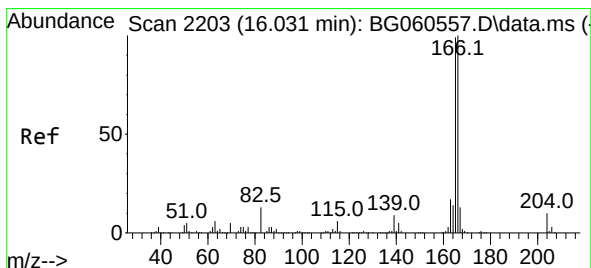
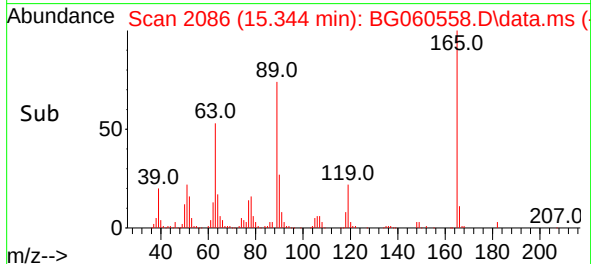
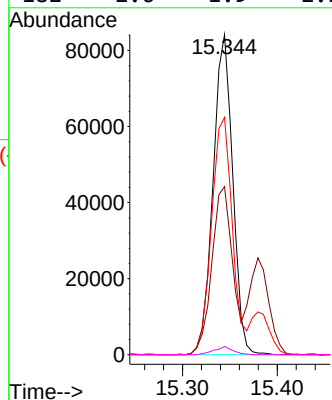
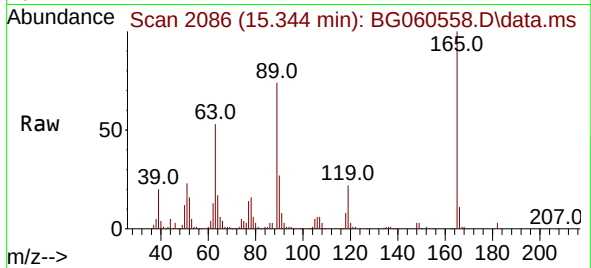
SSTDICC050

Tgt Ion:165 Resp: 12123  
Ion Ratio Lower Upper  
165 100  
63 52.5 38.6 58.0  
89 74.2 58.5 87.7  
182 2.6 1.9 2.9

Manual Integrations

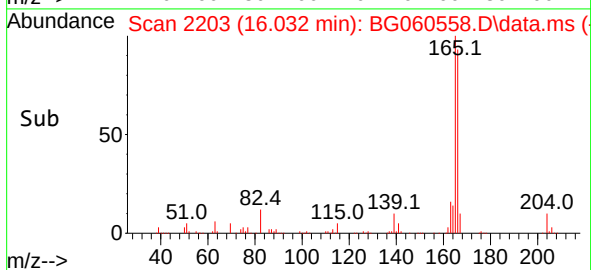
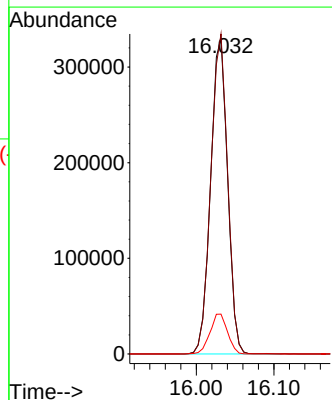
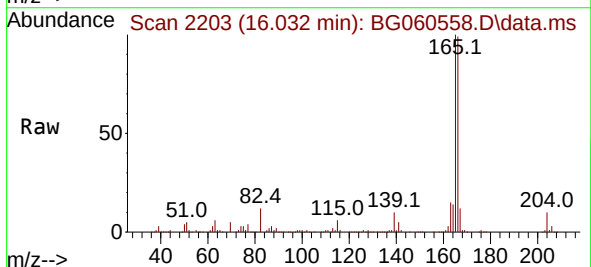
APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024

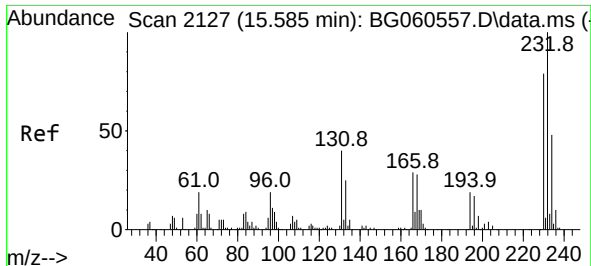


#58  
Fluorene  
Concen: 48.445 ng  
RT: 16.032 min Scan# 2203  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Tgt Ion:166 Resp: 501342  
Ion Ratio Lower Upper  
166 100  
165 101.3 79.1 118.7  
167 12.6 10.1 15.1







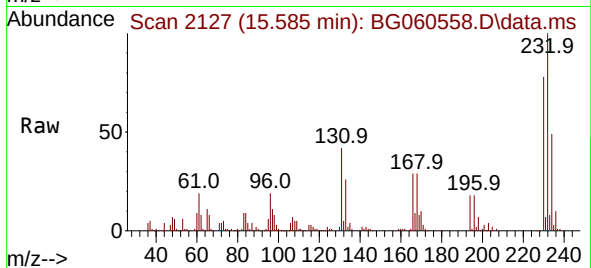
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 50.582 ng  
RT: 15.585 min Scan# 2127  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

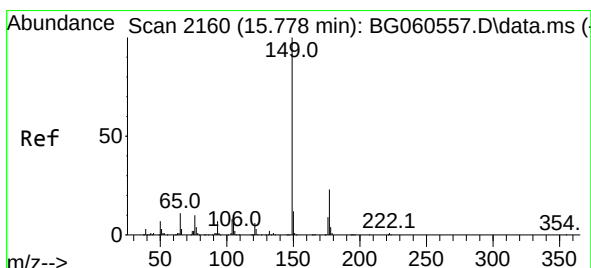
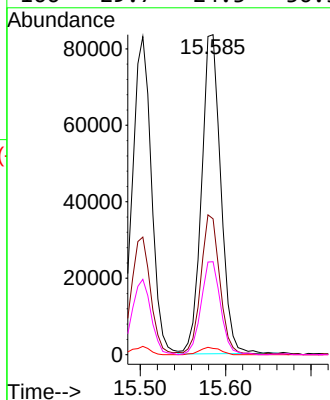
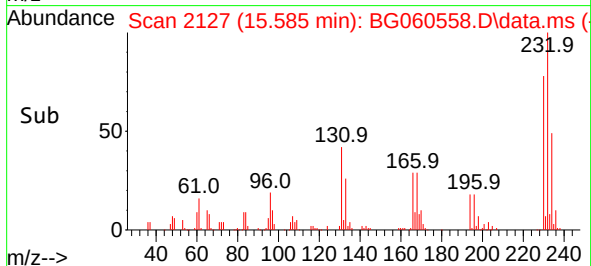


Tgt Ion:232 Resp: 130649  
Ion Ratio Lower Upper  
232 100  
131 42.9 33.8 50.8  
130 2.5 2.0 3.0  
166 29.7 24.3 36.5

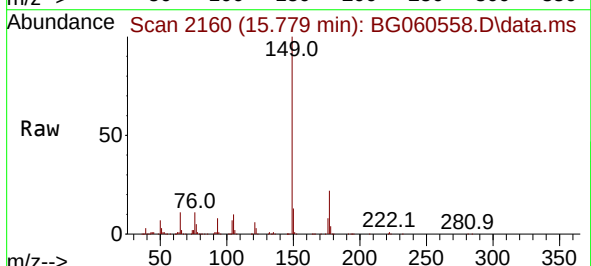
Manual Integrations

APPROVED

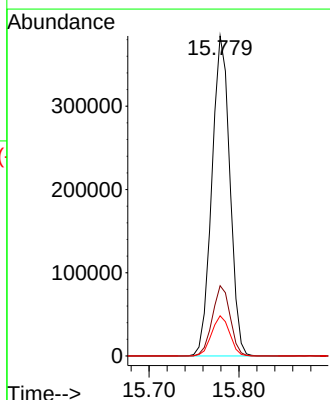
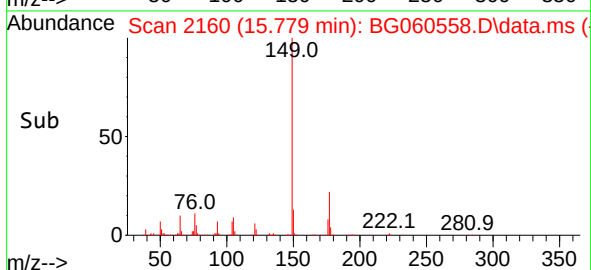
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024

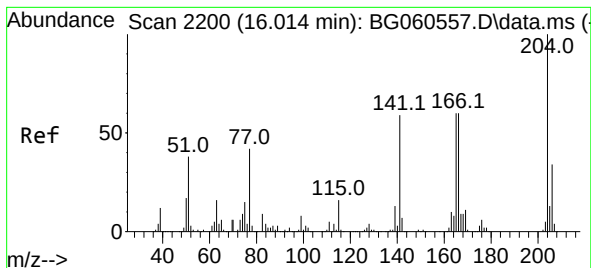


#60  
Diethylphthalate  
Concen: 49.194 ng  
RT: 15.779 min Scan# 2160  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56



Tgt Ion:149 Resp: 534296  
Ion Ratio Lower Upper  
149 100  
177 22.0 18.2 27.2  
150 12.5 10.0 15.0





#61  
4-Chlorophenyl-phenylether  
Concen: 48.573 ng  
RT: 16.014 min Scan# 2200  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Instrument :

BNA\_G

ClientSampleId :

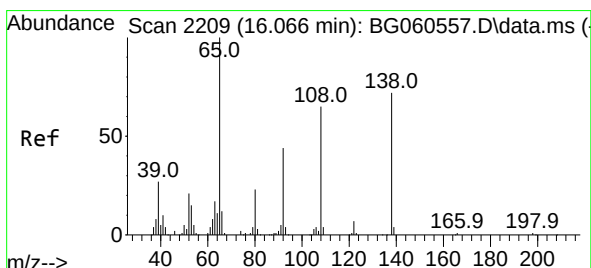
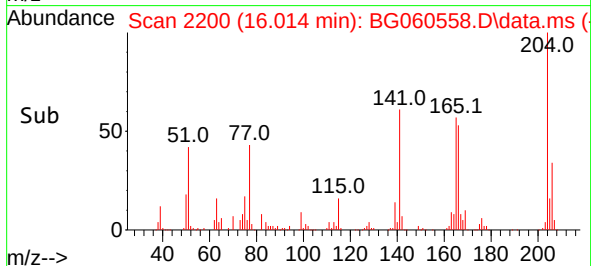
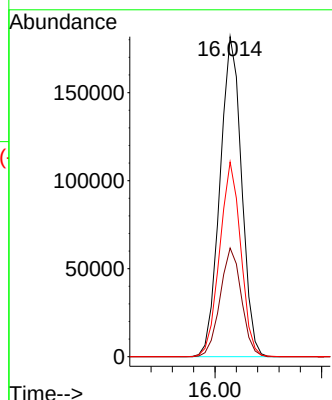
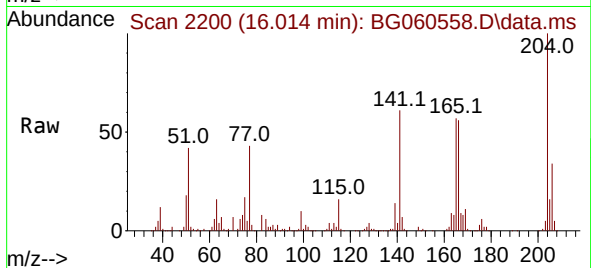
SSTDICC050

Tgt Ion:204 Resp: 255408  
Ion Ratio Lower Upper  
204 100  
206 34.0 26.9 40.3  
141 60.9 47.0 70.4

Manual Integrations

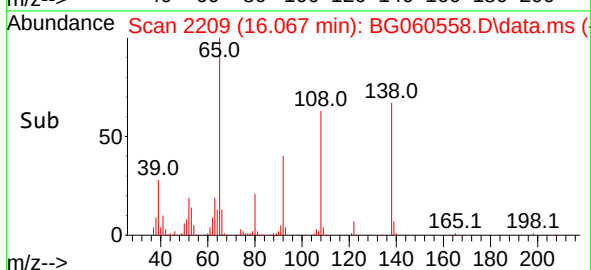
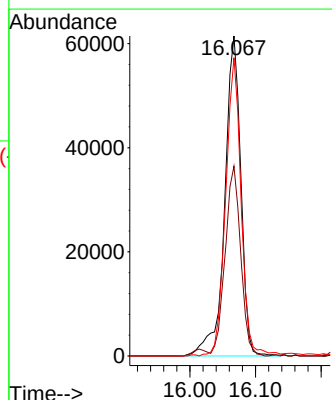
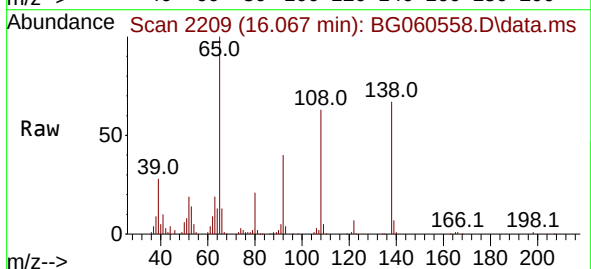
APPROVED

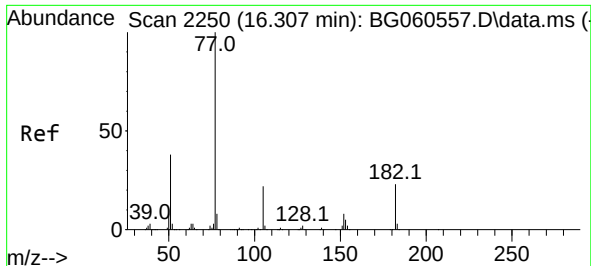
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#62  
4-Nitroaniline  
Concen: 48.146 ng  
RT: 16.067 min Scan# 2209  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Tgt Ion:138 Resp: 104648  
Ion Ratio Lower Upper  
138 100  
92 59.3 41.2 81.2  
108 93.2 71.3 111.3





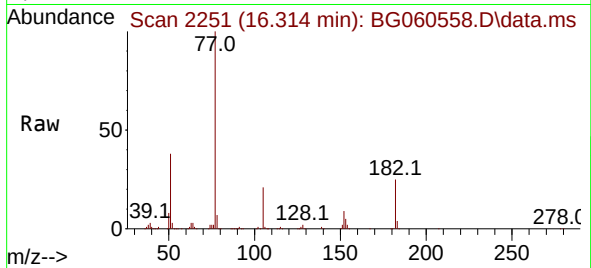
#63  
Azobenzene  
Concen: 48.885 ng  
RT: 16.314 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

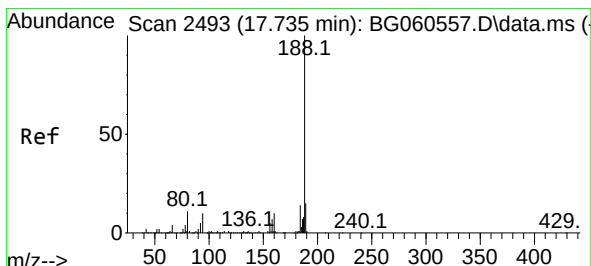
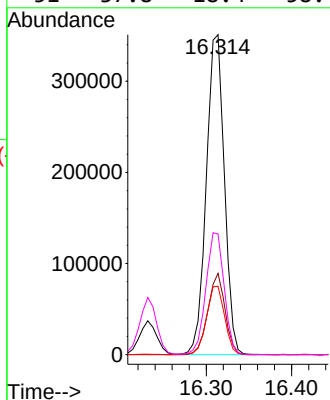
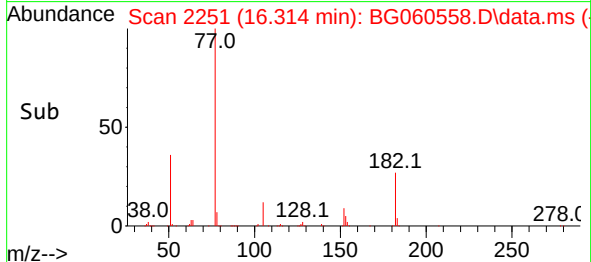


Tgt Ion: 77 Resp: 517254  
Ion Ratio Lower Upper  
77 100  
182 25.4 3.3 43.3  
105 21.4 2.3 42.3  
51 37.8 18.4 58.4

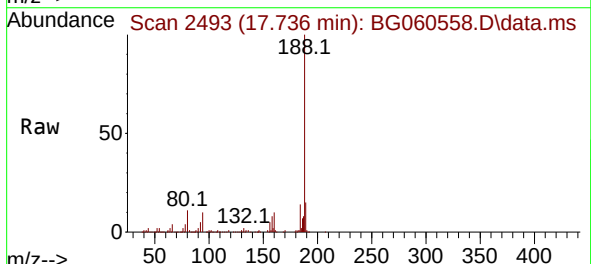
Manual Integrations

APPROVED

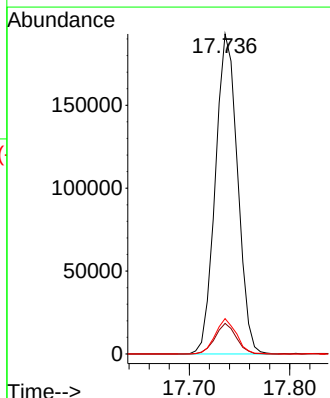
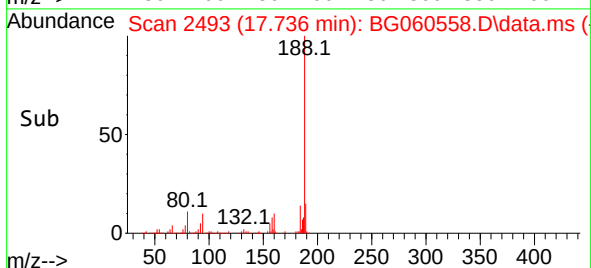
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024

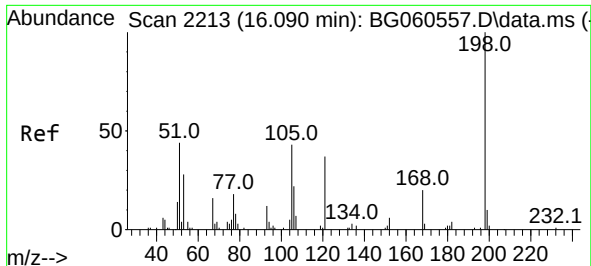


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.736 min Scan# 2493  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56



Tgt Ion:188 Resp: 296306  
Ion Ratio Lower Upper  
188 100  
94 9.6 7.8 11.6  
80 11.0 8.6 12.8





#65  
4,6-Dinitro-2-methylphenol  
Concen: 49.156 ng  
RT: 16.090 min Scan# 2213  
Delta R.T. 0.000 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Instrument :

BNA\_G

ClientSampleId :

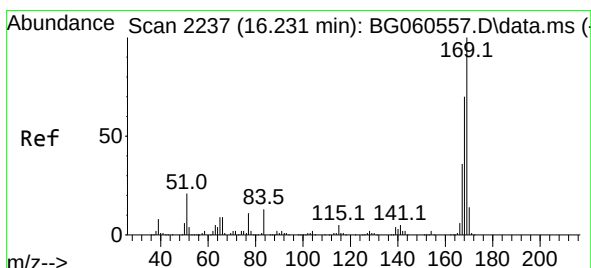
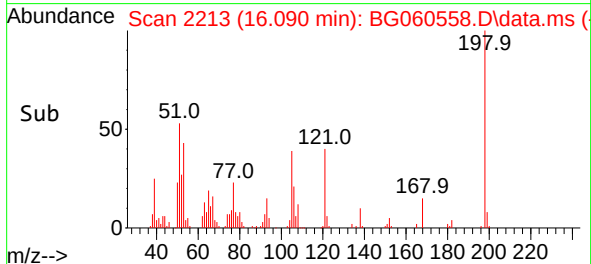
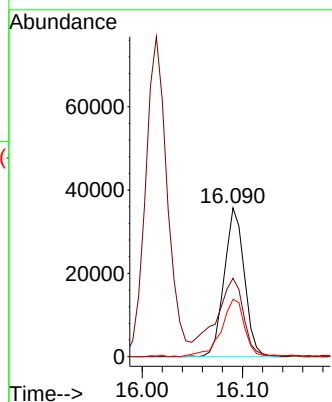
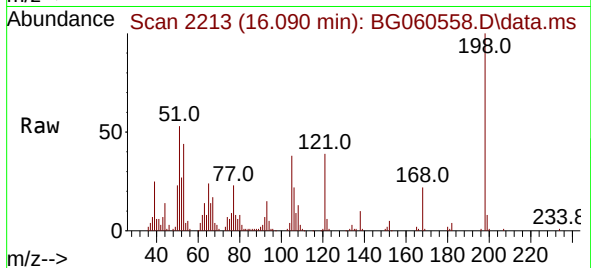
SSTDICC050

Tgt Ion:198 Resp: 4961  
Ion Ratio Lower Upper  
198 100  
51 52.7 35.2 75.2  
105 38.5 25.0 65.0

Manual Integrations

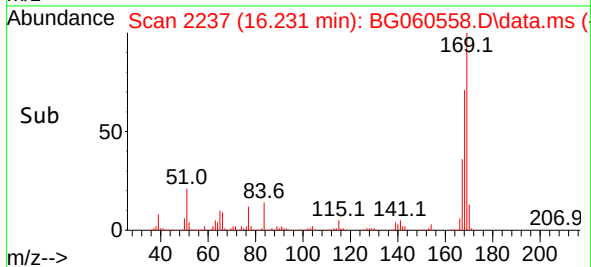
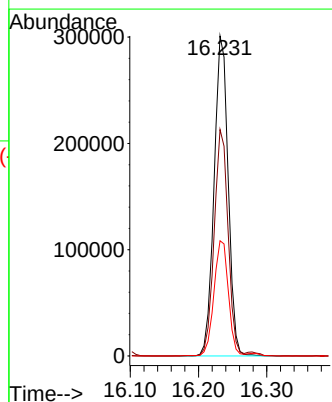
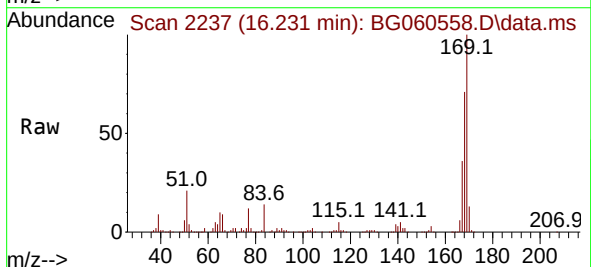
APPROVED

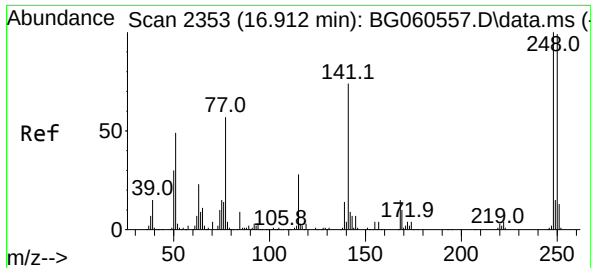
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#66  
n-Nitrosodiphenylamine  
Concen: 48.857 ng  
RT: 16.231 min Scan# 2237  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Tgt Ion:169 Resp: 432201  
Ion Ratio Lower Upper  
169 100  
168 70.7 56.3 84.5  
167 36.0 29.2 43.8





#67  
4-Bromophenyl-phenylether  
Concen: 49.072 ng  
RT: 16.913 min Scan# 21  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Instrument :

BNA\_G

ClientSampleId :

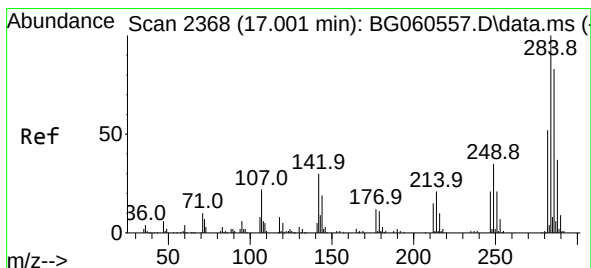
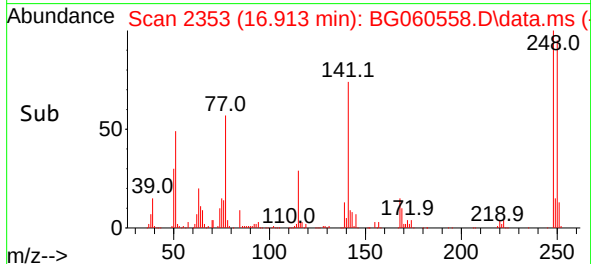
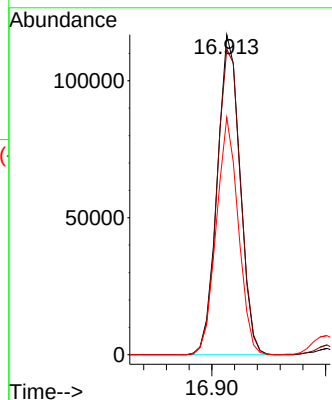
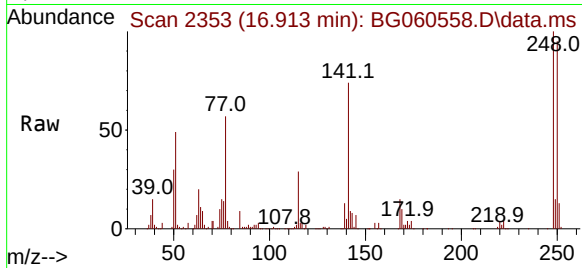
SSTDICC050

Tgt Ion:248 Resp: 16274  
Ion Ratio Lower Upper  
248 100  
250 95.4 79.4 119.0  
141 74.2 58.8 88.2

Manual Integrations

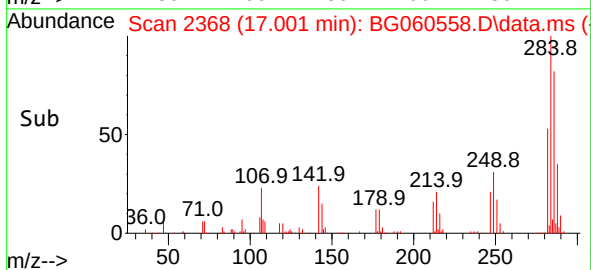
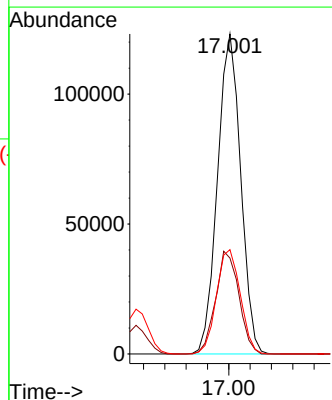
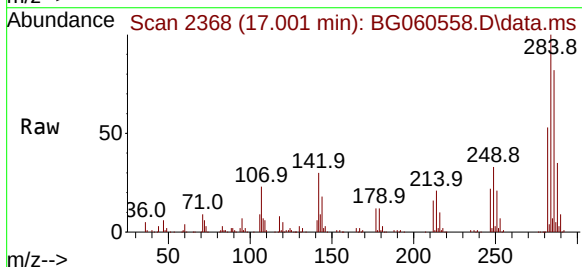
APPROVED

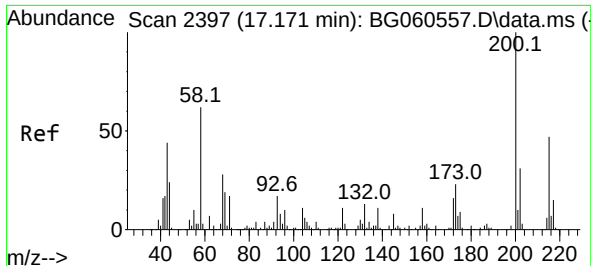
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#68  
Hexachlorobenzene  
Concen: 49.415 ng  
RT: 17.001 min Scan# 2368  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Tgt Ion:284 Resp: 185811  
Ion Ratio Lower Upper  
284 100  
142 29.9 24.3 36.5  
249 32.6 27.9 41.9





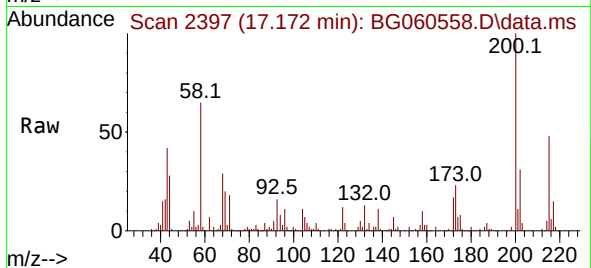
#69  
 Atrazine  
 Concen: 46.512 ng  
 RT: 17.172 min Scan# 21  
 Delta R.T. 0.001 min  
 Lab File: BG060558.D  
 Acq: 6 Feb 2024 15:56

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

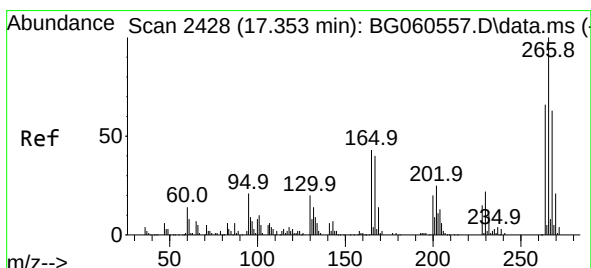
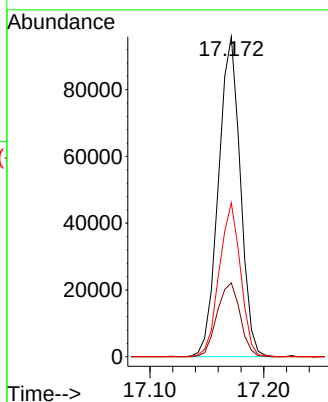
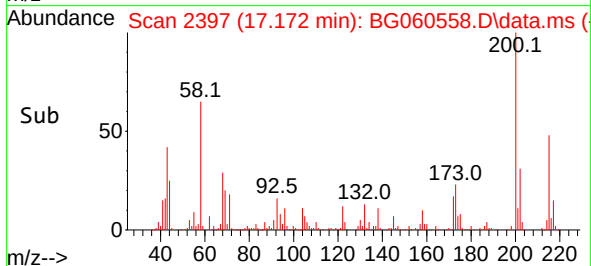


Tgt Ion:200 Resp: 12817  
 Ion Ratio Lower Upper  
 200 100  
 173 23.1 3.2 43.2  
 215 48.1 26.5 66.5

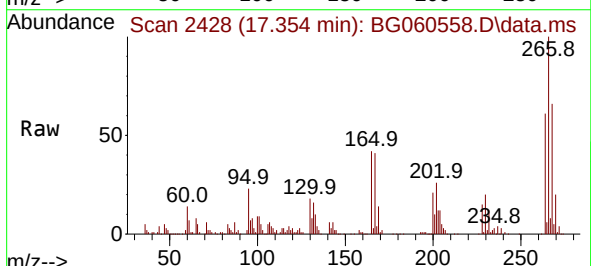
Manual Integrations

APPROVED

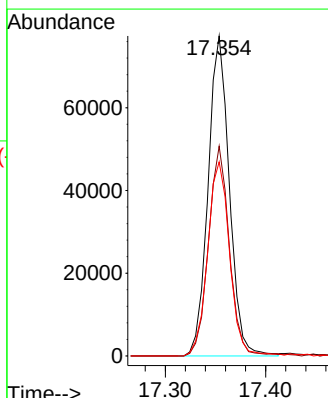
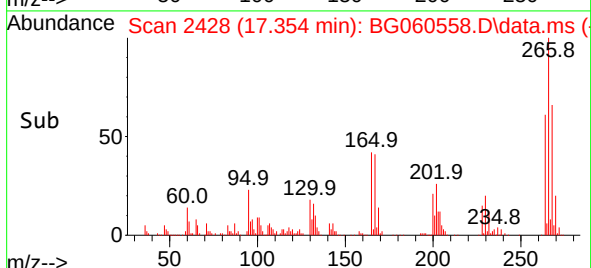
Reviewed By :Jagrut Upadhyay 02/07/2024  
 Supervised By :mohammad ahmed 02/08/2024

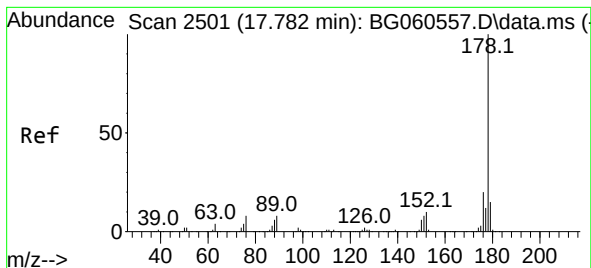


#70  
 Pentachlorophenol  
 Concen: 52.092 ng  
 RT: 17.354 min Scan# 2428  
 Delta R.T. 0.001 min  
 Lab File: BG060558.D  
 Acq: 6 Feb 2024 15:56



Tgt Ion:266 Resp: 113794  
 Ion Ratio Lower Upper  
 266 100  
 268 65.6 50.4 75.6  
 264 60.7 52.7 79.1





#71

Phenanthrene

Concen: 48.949 ng

RT: 17.783 min Scan# 2501

Delta R.T. 0.001 min

Lab File: BG060558.D

Acq: 6 Feb 2024 15:56

Instrument :

BNA\_G

ClientSampleId :

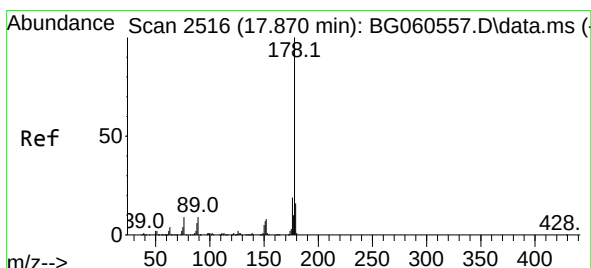
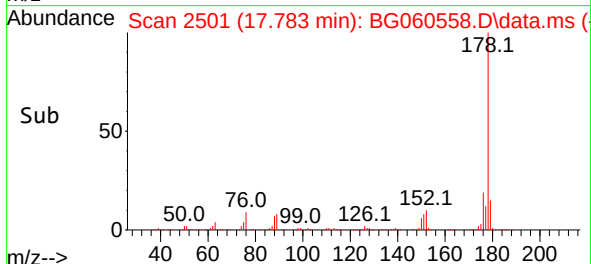
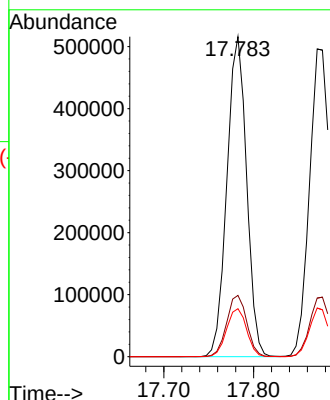
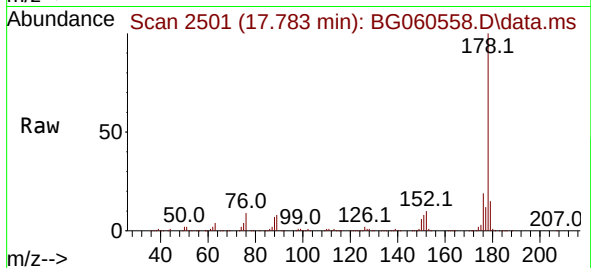
SSTDICC050

|             |                |
|-------------|----------------|
| Tgt Ion:178 | Resp: 78467    |
| Ion Ratio   | Lower Upper    |
| 178         | 100            |
| 176         | 19.2 16.0 24.0 |
| 179         | 15.0 12.3 18.5 |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#72

Anthracene

Concen: 49.291 ng

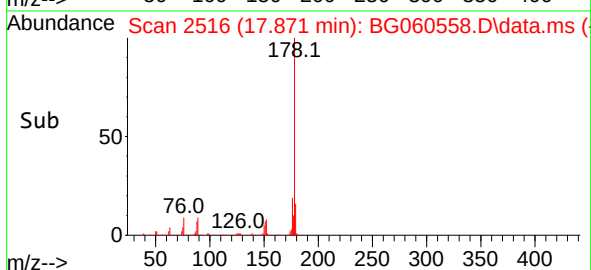
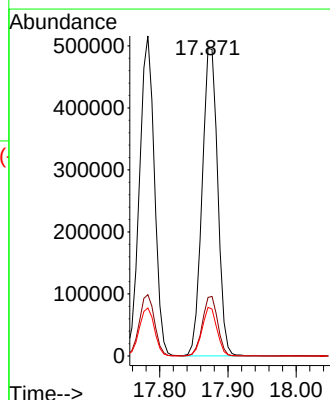
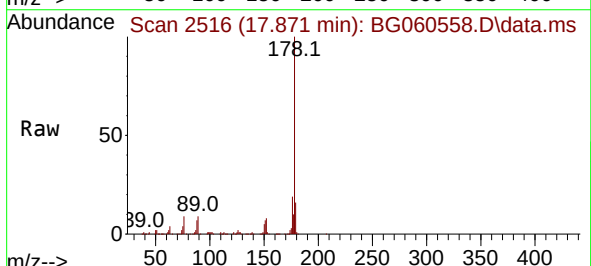
RT: 17.871 min Scan# 2516

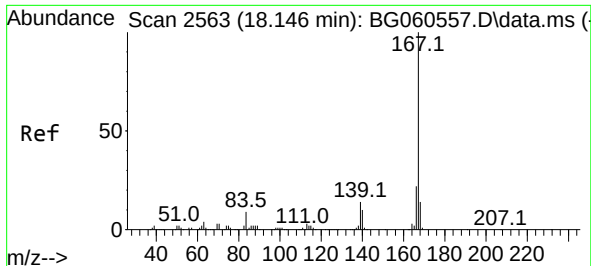
Delta R.T. 0.001 min

Lab File: BG060558.D

Acq: 6 Feb 2024 15:56

|             |                |
|-------------|----------------|
| Tgt Ion:178 | Resp: 786887   |
| Ion Ratio   | Lower Upper    |
| 178         | 100            |
| 176         | 19.0 15.2 22.8 |
| 179         | 15.8 12.6 18.8 |





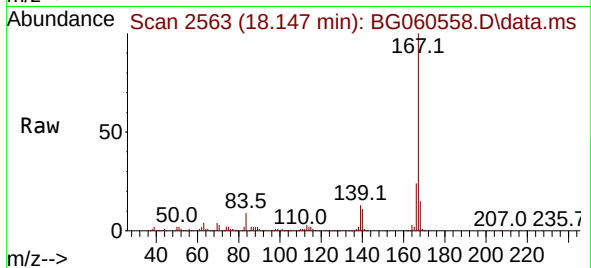
#73  
 Carbazole  
 Concen: 48.673 ng  
 RT: 18.147 min Scan# 2563  
 Delta R.T. 0.001 min  
 Lab File: BG060558.D  
 Acq: 6 Feb 2024 15:56

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

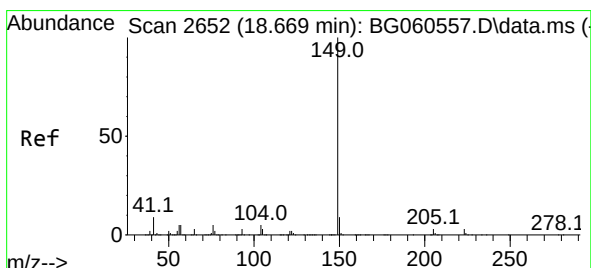
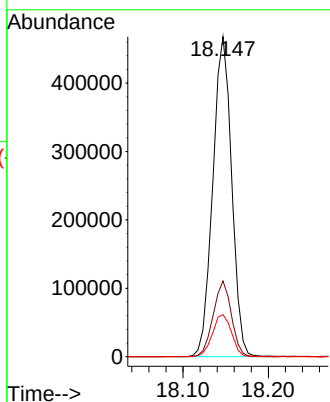
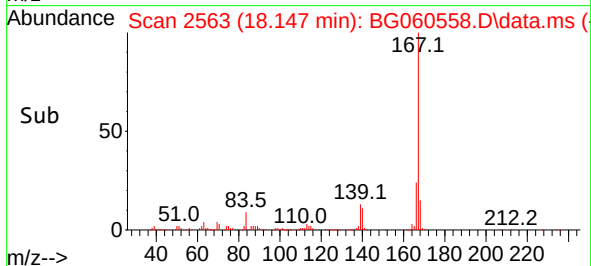


Tgt Ion:167 Resp: 71825  
 Ion Ratio Lower Upper  
 167 100  
 166 23.6 18.0 27.0  
 139 13.1 11.0 16.4

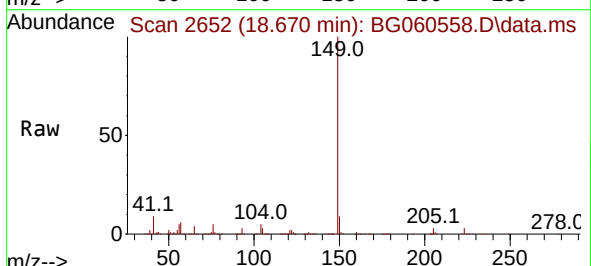
Manual Integrations

APPROVED

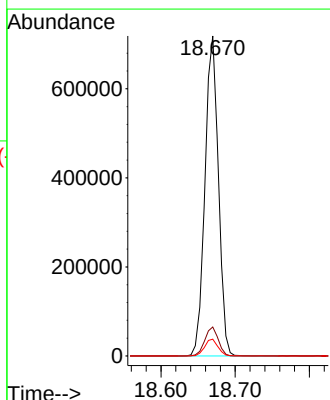
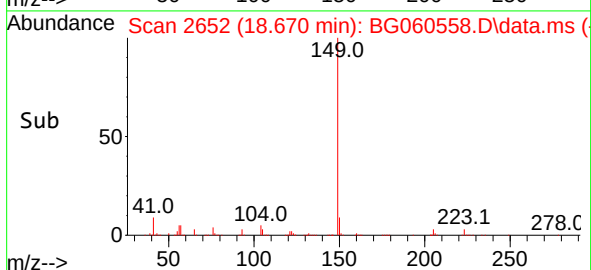
Reviewed By :Jagrut Upadhyay 02/07/2024  
 Supervised By :mohammad ahmed 02/08/2024



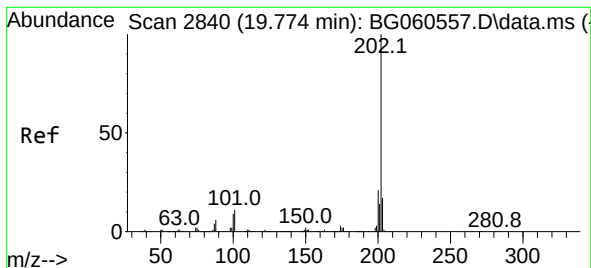
#74  
 Di-n-butylphthalate  
 Concen: 49.836 ng  
 RT: 18.670 min Scan# 2652  
 Delta R.T. 0.001 min  
 Lab File: BG060558.D  
 Acq: 6 Feb 2024 15:56



Tgt Ion:149 Resp: 905885  
 Ion Ratio Lower Upper  
 149 100  
 150 9.0 6.9 10.3  
 104 5.2 4.0 6.0







#75  
Fluoranthene  
Concen: 48.590 ng  
RT: 19.774 min Scan# 2840  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Instrument :

BNA\_G

ClientSampleId :

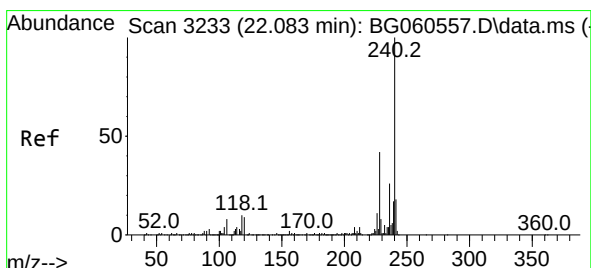
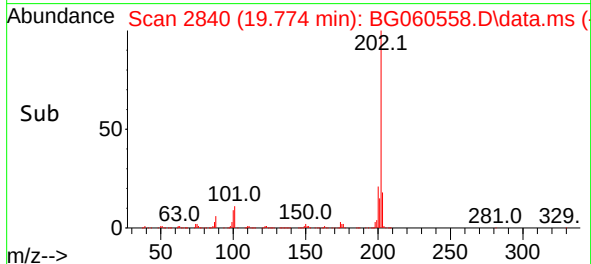
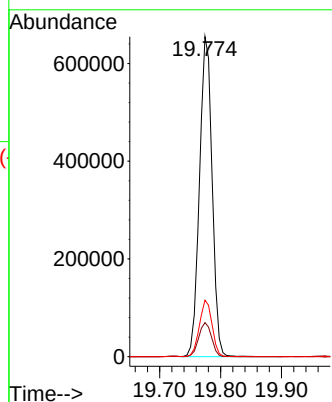
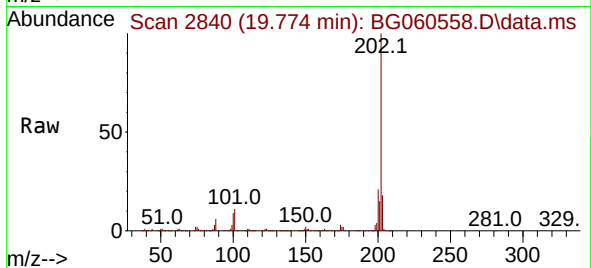
SSTDICC050

Tgt Ion:202 Resp: 94310  
Ion Ratio Lower Upper  
202 100  
101 10.6 0.0 30.6  
203 17.6 0.0 36.9

Manual Integrations

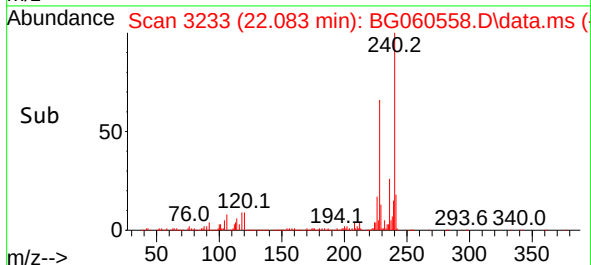
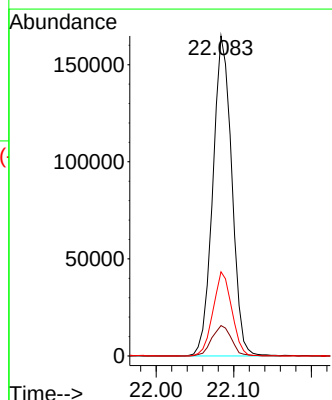
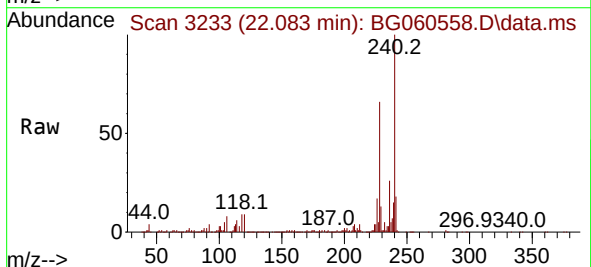
APPROVED

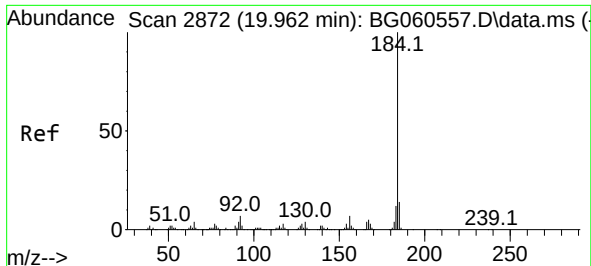
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 22.083 min Scan# 3233  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Tgt Ion:240 Resp: 280183  
Ion Ratio Lower Upper  
240 100  
120 9.5 7.4 11.2  
236 26.3 20.8 31.2





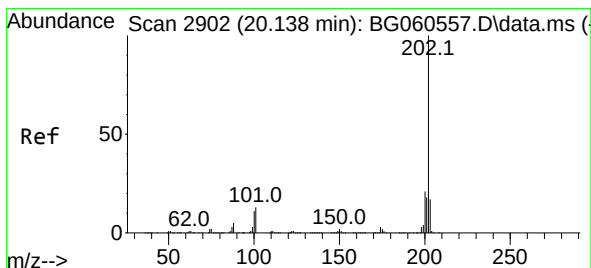
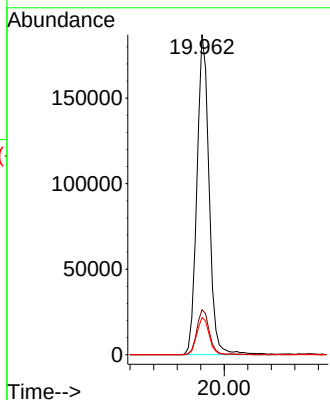
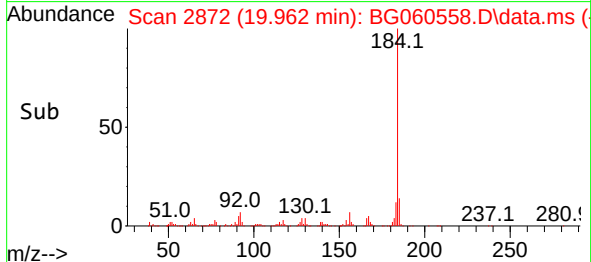
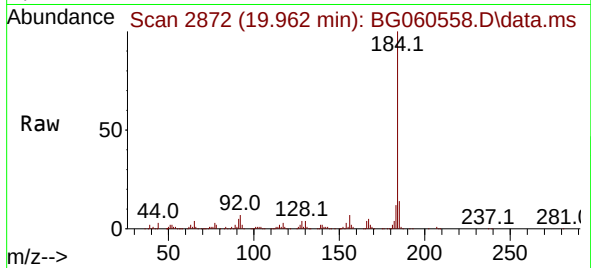
#77  
Benzidine  
Concen: 65.243 ng  
RT: 19.962 min Scan# 2872  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050

Tgt Ion:184 Resp: 26828  
Ion Ratio Lower Upper  
184 100  
185 14.1 11.3 16.9  
183 11.6 9.4 14.0

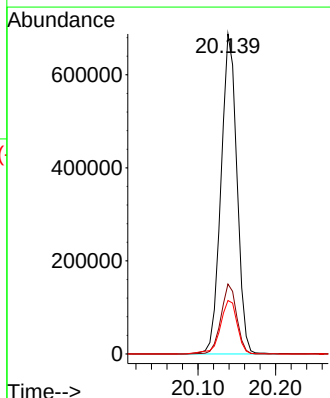
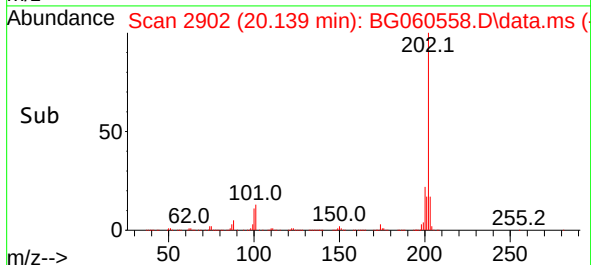
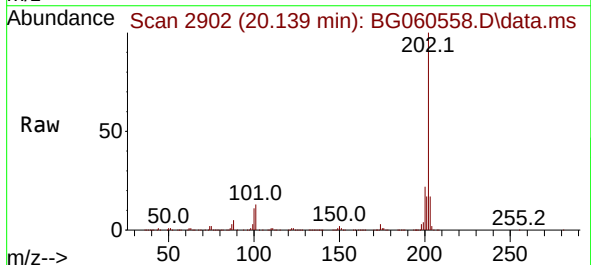
Manual Integrations  
APPROVED

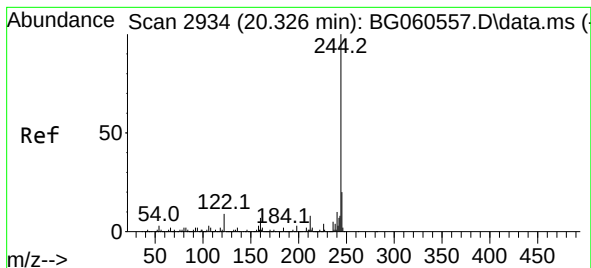
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#78  
Pyrene  
Concen: 49.224 ng  
RT: 20.139 min Scan# 2902  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Tgt Ion:202 Resp: 981042  
Ion Ratio Lower Upper  
202 100  
200 21.8 17.0 25.4  
203 16.7 13.4 20.0





#79

Terphenyl-d14

Concen: 95.377 ng

RT: 20.327 min Scan# 2934

Delta R.T. 0.001 min

Lab File: BG060558.D

Acq: 6 Feb 2024 15:56

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

Tgt Ion:244 Resp: 1563098

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.4

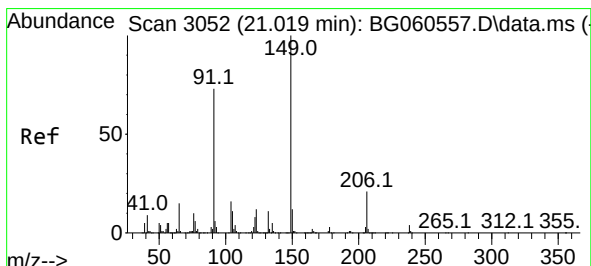
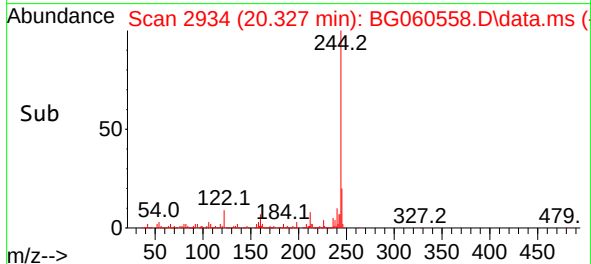
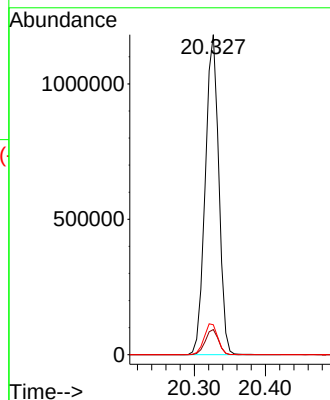
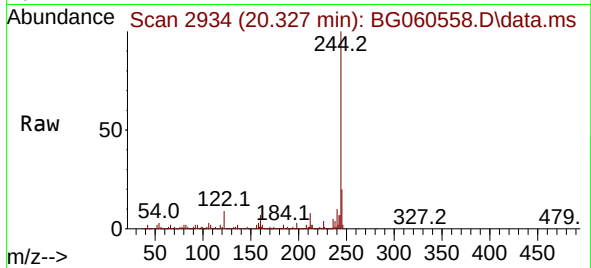
122 9.4 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024

Supervised By :mohammad ahmed 02/08/2024



#80

Butylbenzylphthalate

Concen: 51.664 ng

RT: 21.020 min Scan# 3052

Delta R.T. 0.001 min

Lab File: BG060558.D

Acq: 6 Feb 2024 15:56

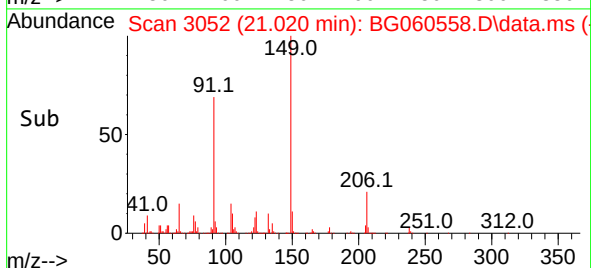
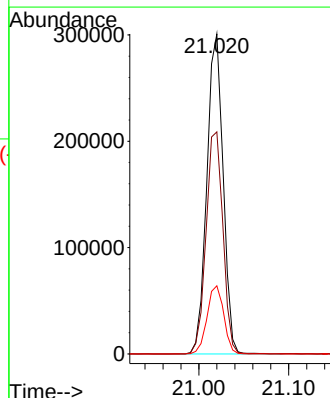
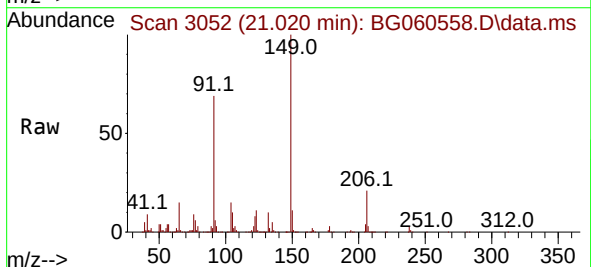
Tgt Ion:149 Resp: 378266

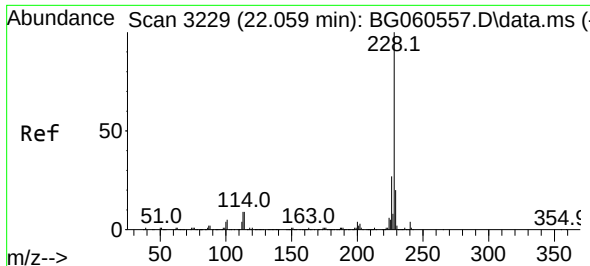
Ion Ratio Lower Upper

149 100

91 69.4 58.5 87.7

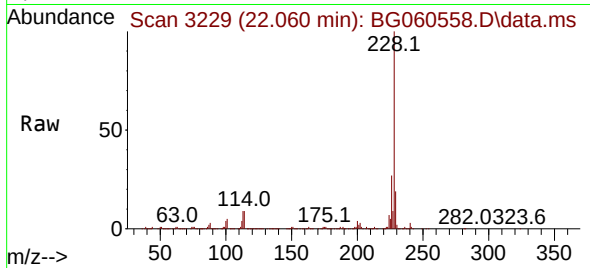
206 21.3 16.7 25.1





#81  
Benzo(a)anthracene  
Concen: 48.898 ng  
RT: 22.060 min Scan# 3229  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

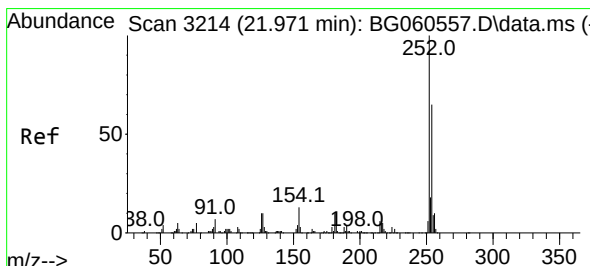
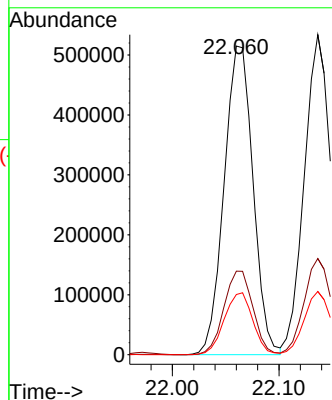
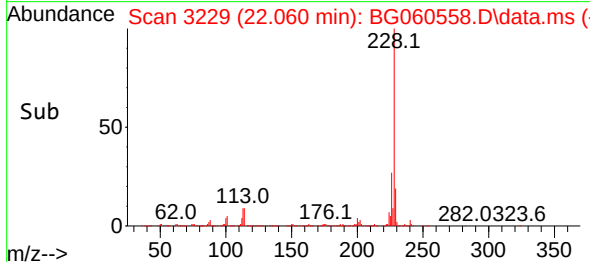
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:228 Resp: 973298  
Ion Ratio Lower Upper  
228 100  
226 27.1 21.4 32.0  
229 19.5 15.7 23.5

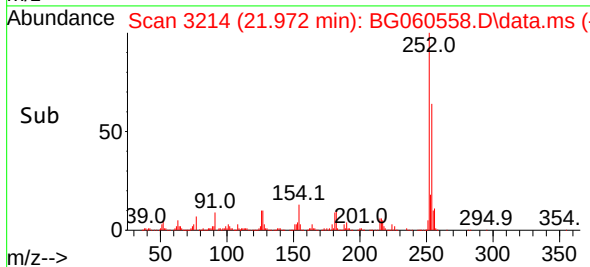
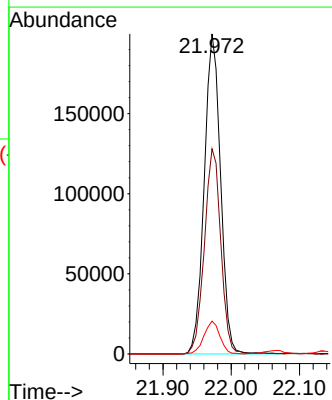
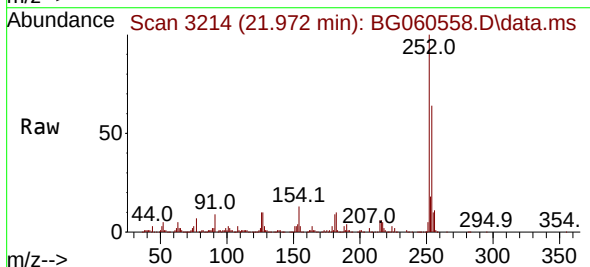
Manual Integrations  
APPROVED

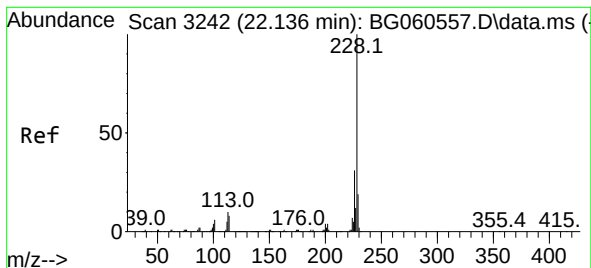
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#82  
3,3'-Dichlorobenzidine  
Concen: 50.547 ng  
RT: 21.972 min Scan# 3214  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Tgt Ion:252 Resp: 332394  
Ion Ratio Lower Upper  
252 100  
254 64.1 52.2 78.4  
126 10.3 7.9 11.9





#83

Chrysene

Concen: 48.820 ng

RT: 22.136 min Scan# 31

Delta R.T. 0.001 min

Lab File: BG060558.D

Acq: 6 Feb 2024 15:56

Instrument :

BNA\_G

ClientSampleId :

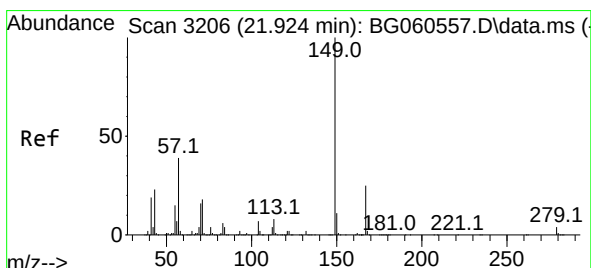
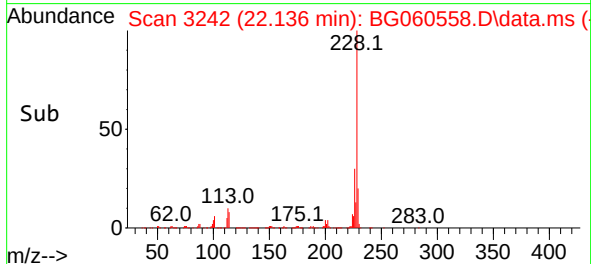
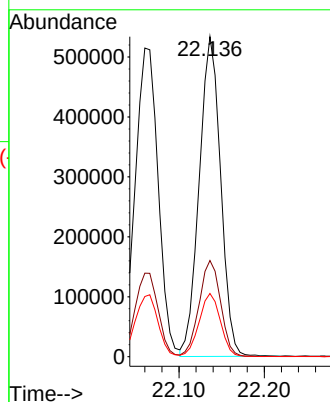
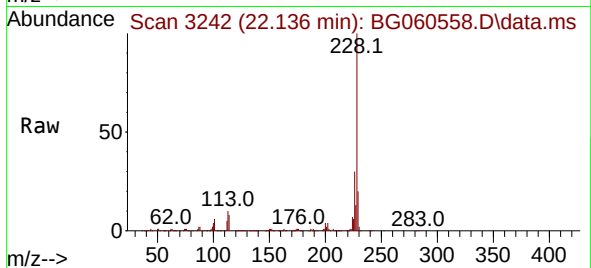
SSTDICC050

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 228   | Resp: | 93140 |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 226       | 30.1  | 24.5  | 36.7  |
| 229       | 19.7  | 15.0  | 22.6  |

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.129 ng

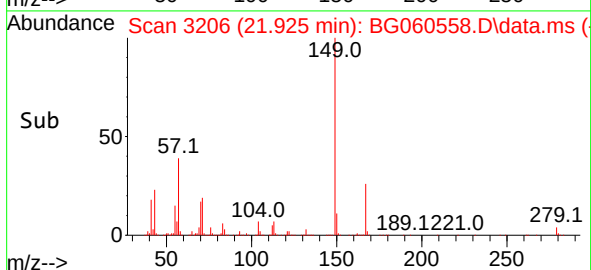
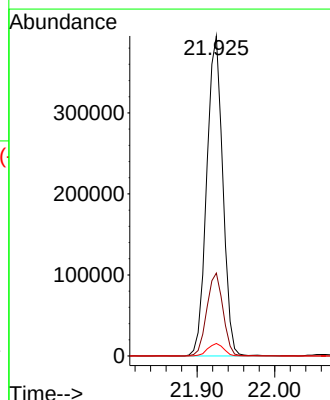
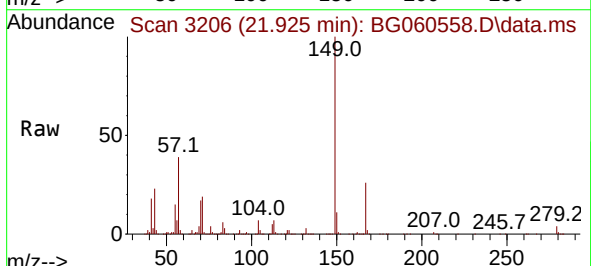
RT: 21.925 min Scan# 3206

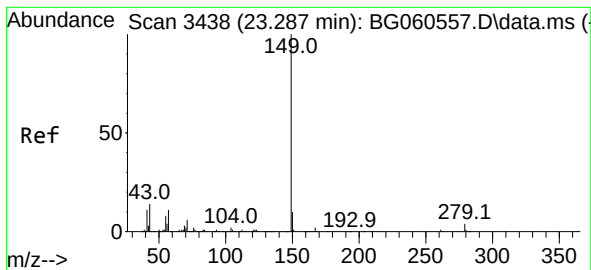
Delta R.T. 0.001 min

Lab File: BG060558.D

Acq: 6 Feb 2024 15:56

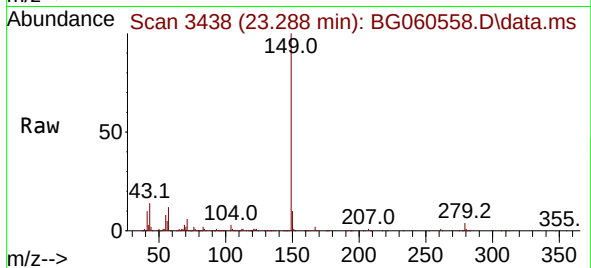
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 566196 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 25.9  | 20.4  | 30.6   |
| 279       | 3.9   | 3.1   | 4.7    |





#85  
Di-n-octyl phthalate  
Concen: 50.968 ng  
RT: 23.288 min Scan# 3438  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

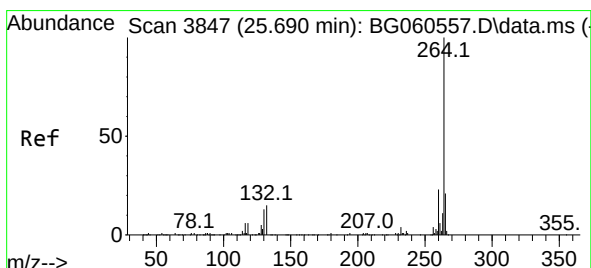
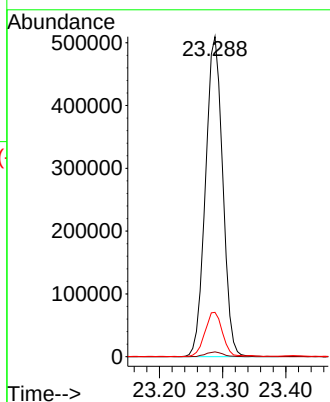
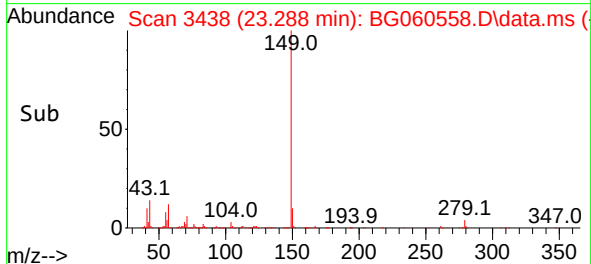
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



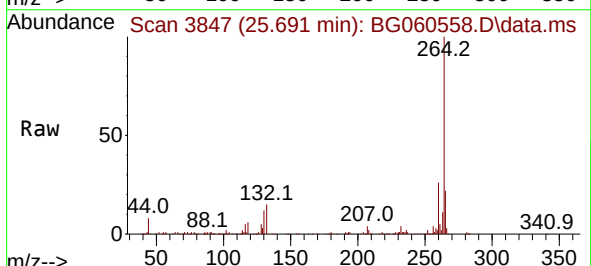
Tgt Ion:149 Resp: 96433  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.2 1.8  
43 14.3 11.1 16.7

Manual Integrations  
APPROVED

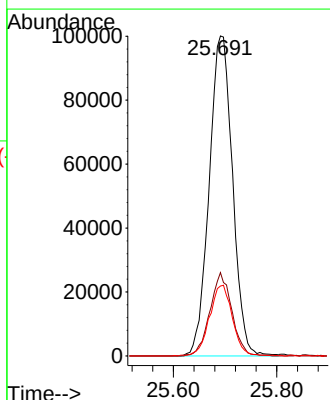
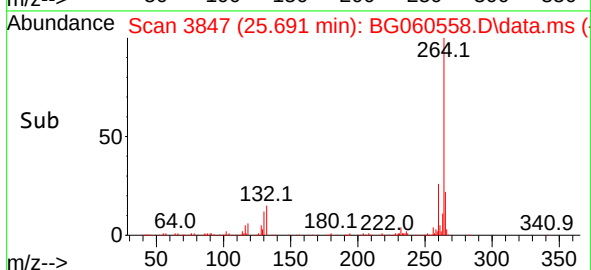
Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024

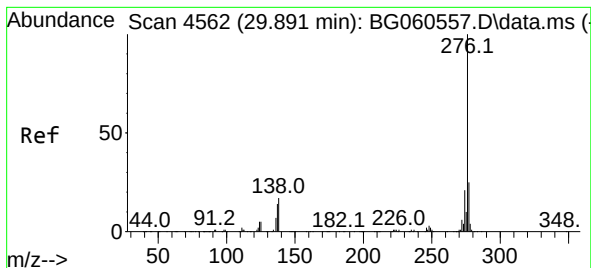


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.691 min Scan# 3847  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56



Tgt Ion:264 Resp: 314196  
Ion Ratio Lower Upper  
264 100  
260 26.1 18.5 27.7  
265 21.8 16.6 24.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.155 ng m

RT: 29.892 min Scan# 4

Delta R.T. 0.001 min

Lab File: BG060558.D

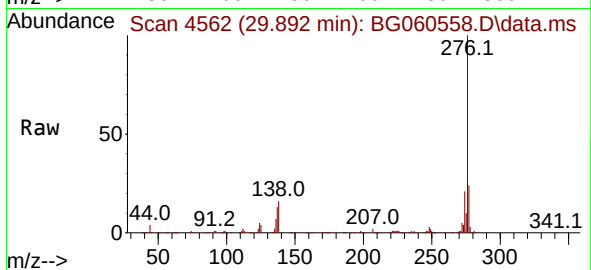
Acq: 6 Feb 2024 15:56

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050



Tgt Ion:276 Resp: 114874

Ion Ratio Lower Upper

276 100

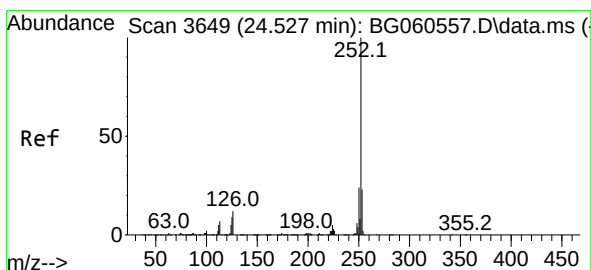
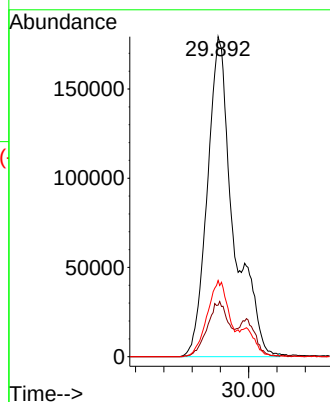
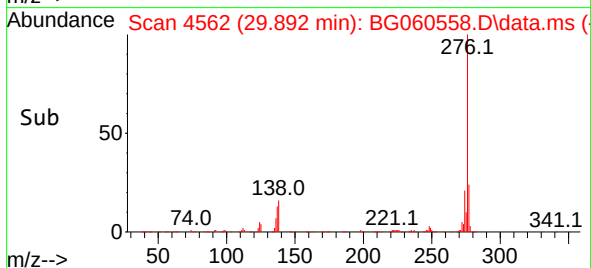
138 14.3 11.2 16.8

277 19.7 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#88

Benzo(b)fluoranthene

Concen: 49.174 ng

RT: 24.528 min Scan# 3649

Delta R.T. 0.001 min

Lab File: BG060558.D

Acq: 6 Feb 2024 15:56

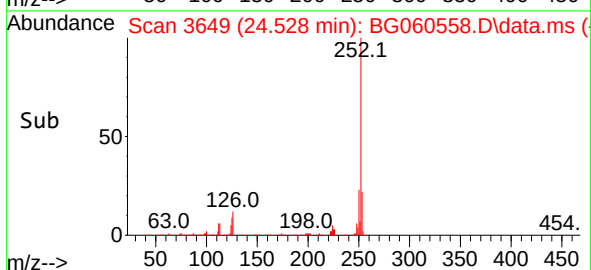
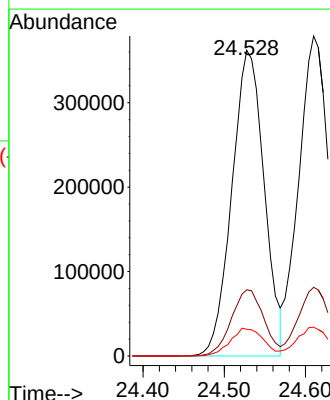
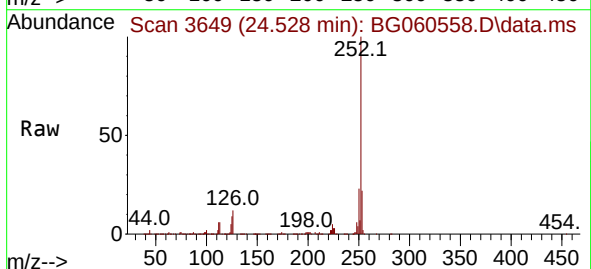
Tgt Ion:252 Resp: 999616

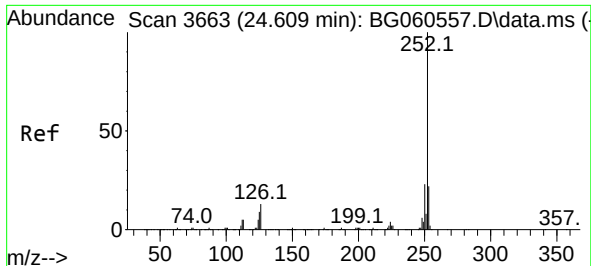
Ion Ratio Lower Upper

252 100

253 21.6 18.6 27.8

125 8.7 7.1 10.7





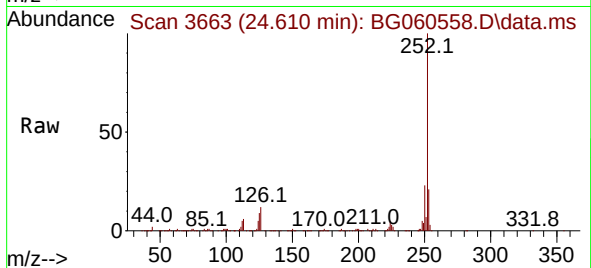
#89  
Benzo(k)fluoranthene  
Concen: 50.021 ng  
RT: 24.610 min Scan# 30  
Delta R.T. 0.001 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

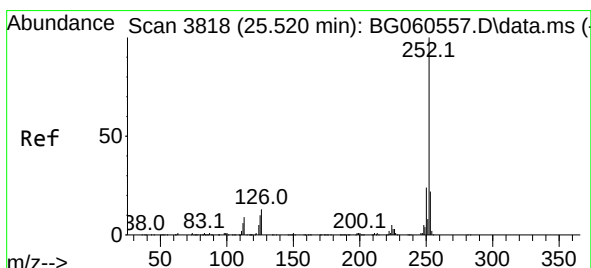
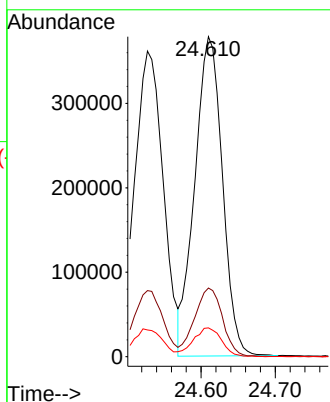
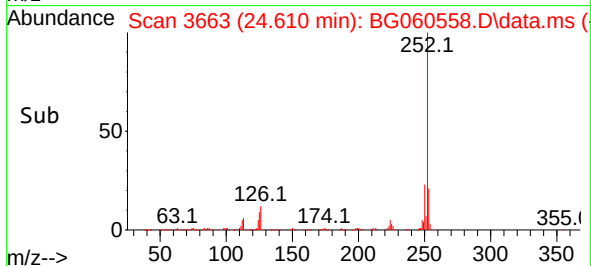


Tgt Ion:252 Resp: 978419  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.5 26.3  
125 9.0 7.4 11.0

Manual Integrations

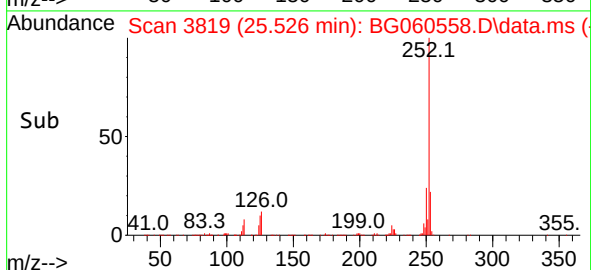
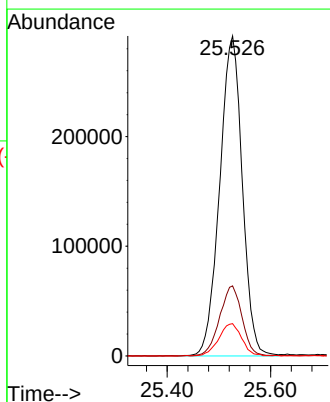
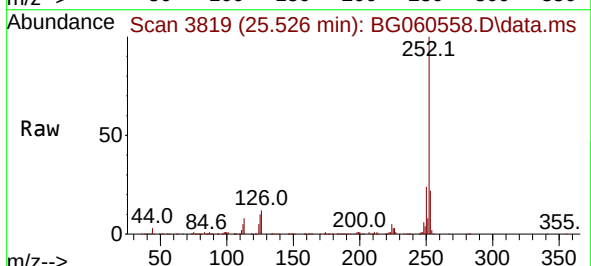
APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024

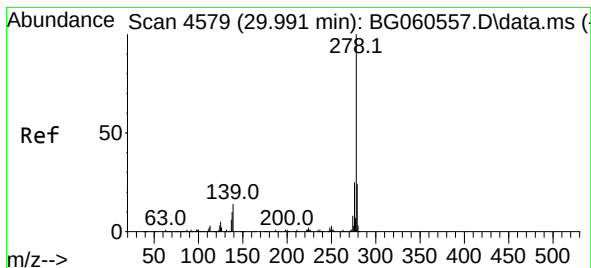


#90  
Benzo(a)pyrene  
Concen: 49.667 ng  
RT: 25.526 min Scan# 3819  
Delta R.T. 0.006 min  
Lab File: BG060558.D  
Acq: 6 Feb 2024 15:56

Tgt Ion:252 Resp: 884425  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.4 26.0  
125 10.1 8.0 12.0







#91

Dibenzo(a,h)anthracene

Concen: 50.691 ng

RT: 29.998 min Scan# 4580

Delta R.T. 0.006 min

Lab File: BG060558.D

Acq: 6 Feb 2024 15:56

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

Tgt Ion:278 Resp: 95816

Ion Ratio Lower Upper

278 100

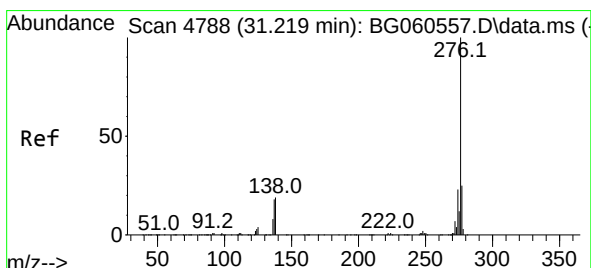
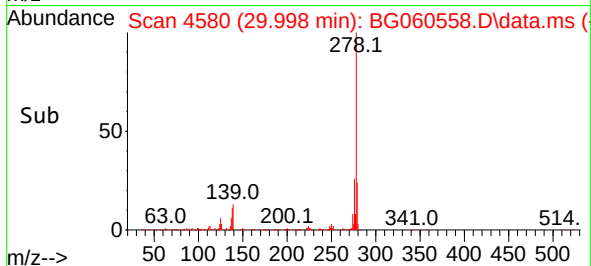
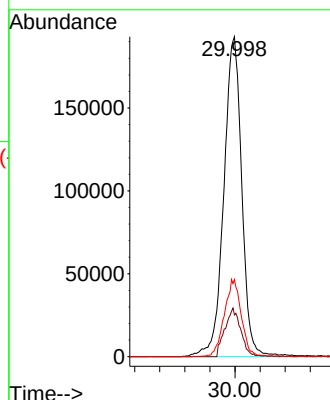
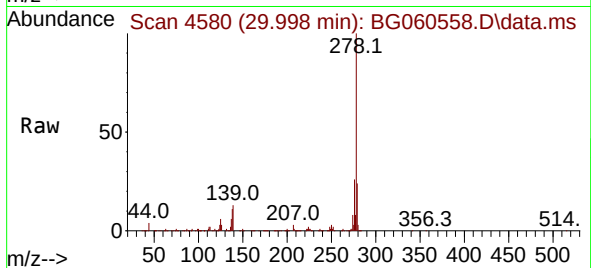
139 13.1 11.5 17.3

279 24.1 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2024  
Supervised By :mohammad ahmed 02/08/2024



#92

Benzo(g,h,i)perylene

Concen: 49.818 ng

RT: 31.220 min Scan# 4788

Delta R.T. 0.001 min

Lab File: BG060558.D

Acq: 6 Feb 2024 15:56

Tgt Ion:276 Resp: 942026

Ion Ratio Lower Upper

276 100

277 23.5 19.8 29.8

138 17.0 15.2 22.8

