

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120423\  
 Data File : BG059941.D  
 Acq On : 4 Dec 2023 21:26  
 Operator : MA/JU  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDICC060

## Manual Integrations

## APPROVED

Reviewed By :Yogesh Patel 12/05/2023

Supervised By :mohammad ahmed 12/06/2023

Quant Time: Dec 05 01:47:01 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG120423.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Dec 05 01:36:25 2023

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.965  | 152  | 66907    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.767 | 136  | 243708   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.598 | 164  | 239758   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.348 | 188  | 836809   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.625 | 240  | 1332998  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.821 | 264  | 1521300  | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.526  | 112  | 406669   | 134.902 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.113  | 99   | 632724   | 136.879 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.128  | 82   | 833654   | 118.446 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.091 | 330  | 996233   | 116.321 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.223 | 172  | 2802118  | 120.792 | ng    | 0.00     |
| 79) Terphenyl-d14             | 0.000  | 244  | 0d       | 0.000   | ng    |          |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.435  | 88   | 59573    | 59.041  | ng    | 95       |
| 3) Pyridine                   | 3.828  | 79   | 192196m  | 65.725  | ng    |          |
| 4) n-Nitrosodimethylamine     | 3.746  | 42   | 90999    | 44.421  | ng    | # 89     |
| 6) Aniline                    | 7.289  | 93   | 336346   | 67.748  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.524  | 128  | 201152   | 66.308  | ng    | 96       |
| 10) Phenol                    | 7.142  | 94   | 305346   | 66.048  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.383  | 93   | 221566   | 76.442  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 7.847  | 146  | 295035   | 61.624  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.994  | 146  | 285218   | 58.714  | ng    | 89       |
| 14) 1,2-Dichlorobenzene       | 8.311  | 146  | 282724   | 57.256  | ng    | 96       |
| 15) Benzyl Alcohol            | 8.194  | 79   | 327826   | 61.425  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.488  | 45   | 112643   | 103.401 | ng    | 95       |
| 17) 2-Methylphenol            | 8.394  | 107  | 212511   | 64.211  | ng    | 96       |
| 18) Hexachloroethane          | 9.046  | 117  | 111409   | 53.652  | ng    | 95       |
| 19) n-Nitroso-di-n-propyla... | 8.776  | 70   | 241308   | 64.486  | ng    | # 97     |
| 20) 3+4-Methylphenols         | 8.729  | 107  | 299706   | 62.884  | ng    | 91       |
| 22) Acetophenone              | 8.781  | 105  | 479084   | 61.174  | ng    | # 97     |
| 24) Nitrobenzene              | 9.169  | 77   | 419894   | 61.360  | ng    | 97       |
| 25) Isophorone                | 9.692  | 82   | 705301   | 65.729  | ng    | 94       |
| 26) 2-Nitrophenol             | 9.874  | 139  | 138694   | 63.702  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 9.927  | 122  | 163008   | 61.890  | ng    | 95       |
| 28) bis(2-Chloroethoxy)met... | 10.174 | 93   | 326236   | 72.970  | ng    | # 90     |
| 29) 2,4-Dichlorophenol        | 10.409 | 162  | 369737   | 58.701  | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 10.626 | 180  | 542660   | 56.834  | ng    | 99       |
| 31) Naphthalene               | 10.820 | 128  | 771513   | 62.866  | ng    | 99       |
| 32) Benzoic acid              | 10.080 | 122  | 182361m  | 72.809  | ng    |          |
| 33) 4-Chloroaniline           | 10.926 | 127  | 296424   | 64.398  | ng    | 95       |
| 34) Hexachlorobutadiene       | 11.102 | 225  | 604694   | 53.643  | ng    | 97       |
| 35) Caprolactam               | 11.713 | 113  | 74839    | 66.285  | ng    | # 83     |
| 36) 4-Chloro-3-methylphenol   | 12.042 | 107  | 308630   | 56.136  | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.424 | 142  | 656519   | 56.051  | ng    | 93       |
| 38) 1-Methylnaphthalene       | 12.648 | 142  | 644483   | 57.158  | ng    | 96       |
| 40) 1,2,4,5-Tetrachloroben... | 12.789 | 216  | 1106328  | 64.942  | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.771 | 237  | 532976   | 63.494  | ng    | 92       |
| 43) 2,4,6-Trichlorophenol     | 13.024 | 196  | 553333   | 62.702  | ng    | 99       |
| 44) 2,4,5-Trichlorophenol     | 13.094 | 196  | 630371   | 63.827  | ng    | 97       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120423\  
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 Operator : MA/JU  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDICC060

## Manual Integrations

## APPROVED

Reviewed By :Yogesh Patel 12/05/2023

Supervised By :mohammad ahmed 12/06/2023

Quant Time: Dec 05 01:47:01 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG120423.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

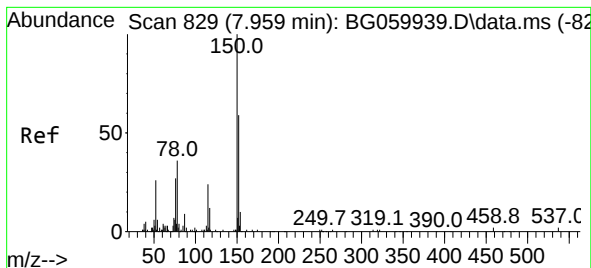
QLast Update : Tue Dec 05 01:36:25 2023

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 46) 1,1'-Biphenyl             | 13.435 | 154  | 1137037  | 66.246 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.476 | 162  | 1002251  | 65.349 | ng    | 97       |
| 48) 2-Nitroaniline            | 13.676 | 65   | 200487   | 65.733 | ng    | 97       |
| 49) Acenaphthylene            | 14.322 | 152  | 1330976  | 66.993 | ng    | 99       |
| 50) Dimethylphthalate         | 14.058 | 163  | 1293692  | 62.586 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.175 | 165  | 292638   | 66.265 | ng    | 93       |
| 52) Acenaphthene              | 14.663 | 154  | 947654m  | 63.632 | ng    |          |
| 53) 3-Nitroaniline            | 14.498 | 138  | 171236   | 64.798 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.698 | 184  | 253784   | 68.430 | ng    | # 90     |
| 55) Dibenzofuran              | 14.998 | 168  | 1575099  | 60.106 | ng    | 98       |
| 56) 4-Nitrophenol             | 14.798 | 139  | 149919   | 72.399 | ng    | # 87     |
| 57) 2,4-Dinitrotoluene        | 14.957 | 165  | 402084   | 61.353 | ng    | 97       |
| 58) Fluorene                  | 15.650 | 166  | 1354747  | 58.728 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.221 | 232  | 714536   | 60.376 | ng    | 98       |
| 60) Diethylphthalate          | 15.427 | 149  | 1115785  | 63.199 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.644 | 204  | 1258121  | 61.536 | ng    | 98       |
| 62) 4-Nitroaniline            | 15.673 | 138  | 190995   | 63.110 | ng    | 99       |
| 63) Azobenzene                | 15.938 | 77   | 1125046  | 62.328 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph... | 15.720 | 198  | 407519   | 63.766 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.861 | 169  | 1219021  | 67.083 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.537 | 248  | 859563   | 53.828 | ng    | # 96     |
| 68) Hexachlorobenzene         | 16.649 | 284  | 974256   | 54.928 | ng    | 97       |
| 69) Atrazine                  | 16.807 | 200  | 531036   | 54.466 | ng    | 95       |
| 70) Pentachlorophenol         | 16.989 | 266  | 681662   | 56.805 | ng    | 97       |
| 71) Phenanthrene              | 17.395 | 178  | 2340753  | 59.668 | ng    | 100      |
| 72) Anthracene                | 17.483 | 178  | 2375126  | 59.451 | ng    | 99       |
| 73) Carbazole                 | 17.753 | 167  | 1813496  | 61.698 | ng    | 95       |
| 74) Di-n-butylphthalate       | 18.323 | 149  | 1575450  | 64.275 | ng    | 98       |
| 75) Fluoranthene              | 19.410 | 202  | 3666578  | 55.014 | ng    | 98       |
| 77) Benzidine                 | 19.586 | 184  | 1022557  | 74.826 | ng    | 96       |
| 78) Pyrene                    | 19.410 | 202  | 3666578  | 50.887 | ng    | 95       |
| 80) Butylbenzylphthalate      | 20.668 | 149  | 599108   | 61.735 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.608 | 228  | 4906199  | 55.526 | ng    | 93       |
| 82) 3,3'-Dichlorobenzidine    | 21.525 | 252  | 1748108  | 60.560 | ng    | # 99     |
| 83) Chrysene                  | 21.672 | 228  | 4644296  | 55.515 | ng    | 92       |
| 84) Bis(2-ethylhexyl)phtha... | 21.525 | 149  | 926272   | 65.433 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.742 | 149  | 1604278  | 63.598 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.476 | 276  | 6189600  | 54.994 | ng    | # 99     |
| 88) Benzo(b)fluoranthene      | 23.811 | 252  | 5575946  | 57.349 | ng    | # 97     |
| 89) Benzo(k)fluoranthene      | 23.881 | 252  | 5421176  | 57.781 | ng    | # 96     |
| 90) Benzo(a)pyrene            | 24.675 | 252  | 5036388  | 60.524 | ng    | # 96     |
| 91) Dibenzo(a,h)anthracene    | 28.541 | 278  | 5159288  | 53.697 | ng    | 97       |
| 92) Benzo(g,h,i)perylene      | 29.622 | 276  | 5036818  | 55.525 | ng    | 97       |

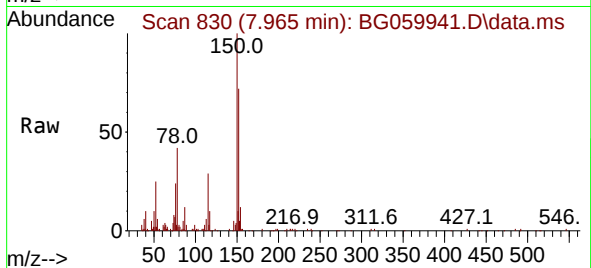
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.965 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

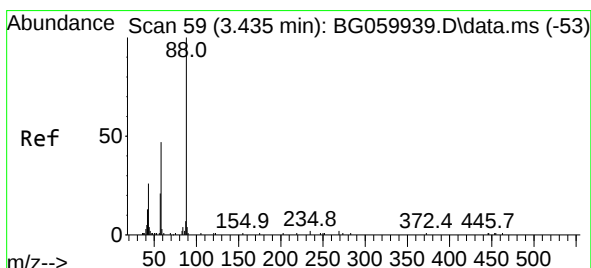
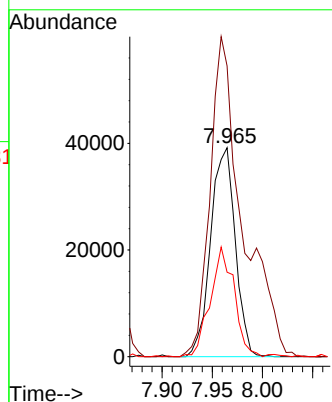
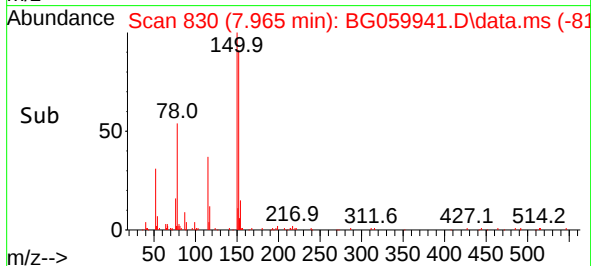
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:152 Resp: 6690  
Ion Ratio Lower Upper  
152 100  
150 139.1 136.9 205.3  
115 40.4 32.9 49.3

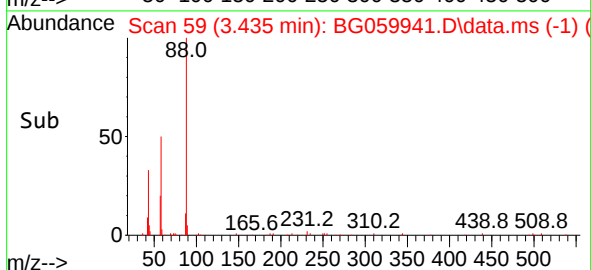
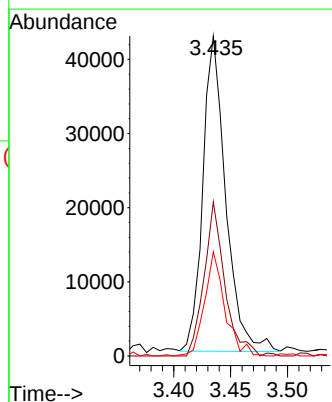
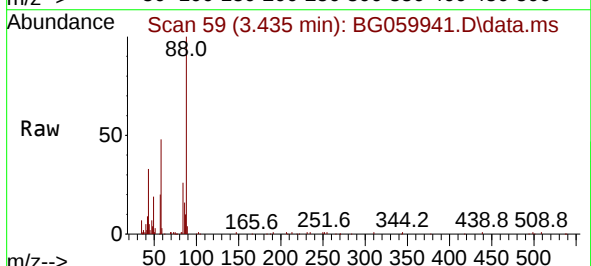
Manual Integrations  
APPROVED

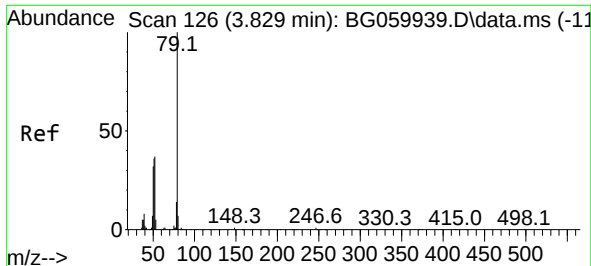
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023



#2  
1,4-Dioxane  
Concen: 59.041 ng  
RT: 3.435 min Scan# 59  
Delta R.T. -0.000 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

Tgt Ion: 88 Resp: 59573  
Ion Ratio Lower Upper  
88 100  
58 44.3 38.2 57.2  
43 29.3 21.0 31.4





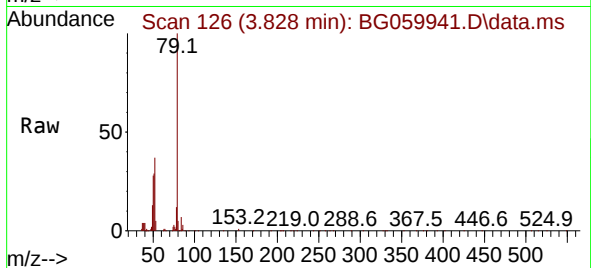
#3  
Pyridine  
Concen: 65.725 ng m  
RT: 3.828 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060



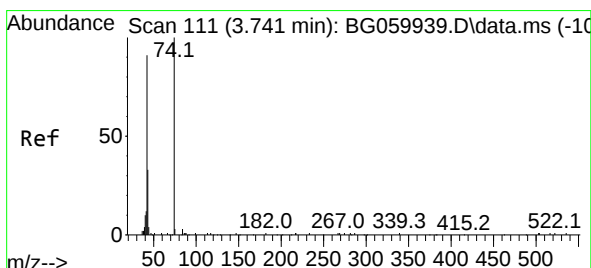
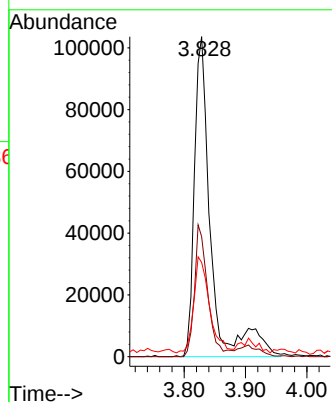
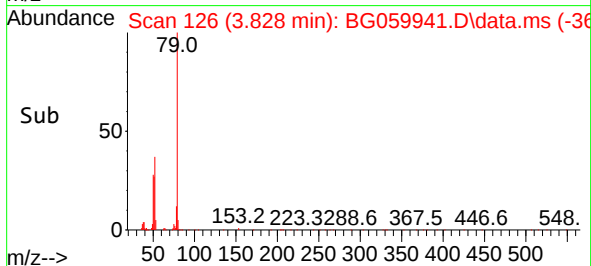
Tgt Ion: 79 Resp: 192190  
Ion Ratio Lower Upper  
79 100  
52 37.5 29.8 44.8  
51 29.5 30.3 45.5

Manual Integrations

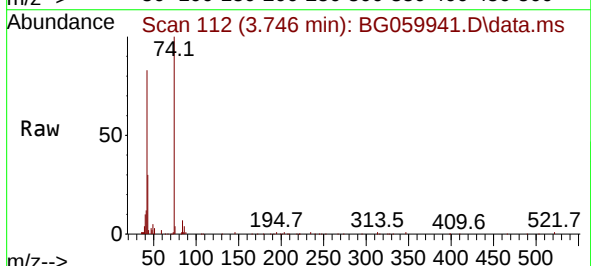
APPROVED

Reviewed By :Yogesh Patel 12/05/2023

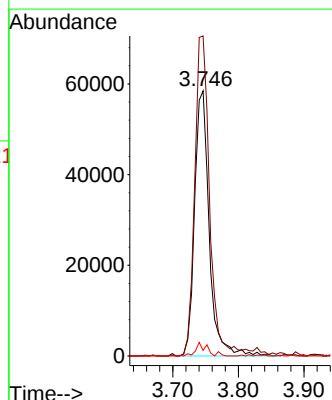
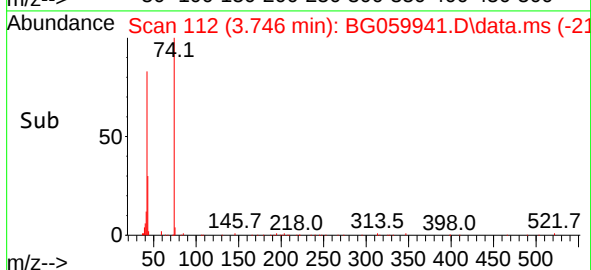
Supervised By :mohammad ahmed 12/06/2023

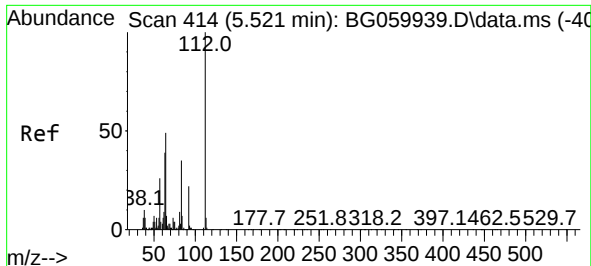


#4  
n-Nitrosodimethylamine  
Concen: 44.421 ng  
RT: 3.746 min Scan# 112  
Delta R.T. 0.005 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26



Tgt Ion: 42 Resp: 90999  
Ion Ratio Lower Upper  
42 100  
74 120.7 87.4 131.2  
44 2.1 3.7 5.5





#5  
2-Fluorophenol  
Concen: 134.902 ng  
RT: 5.526 min Scan# 414  
Delta R.T. 0.005 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

Instrument :

BNA\_G

ClientSampleId :

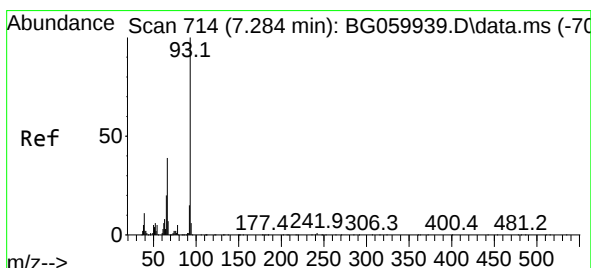
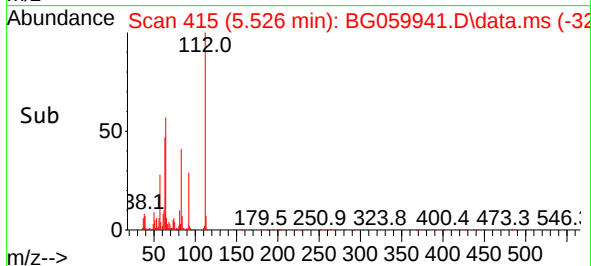
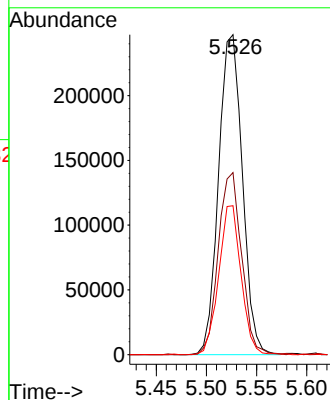
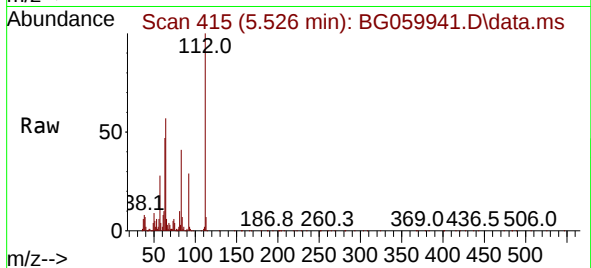
SSTDICC060

Tgt Ion:112 Resp: 406669  
Ion Ratio Lower Upper  
112 100  
64 56.9 39.4 59.0  
63 46.6 31.2 46.8

Manual Integrations

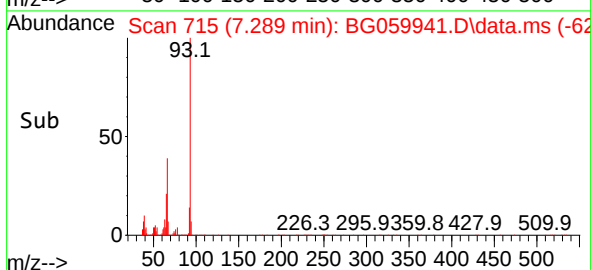
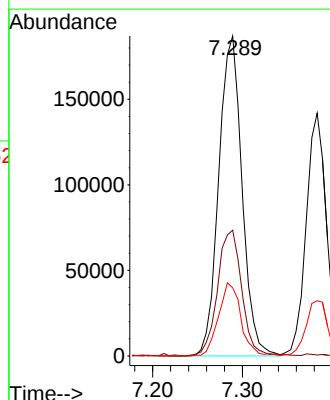
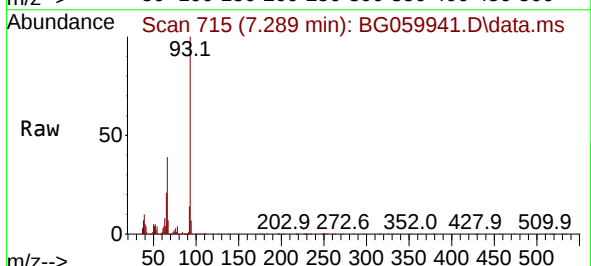
APPROVED

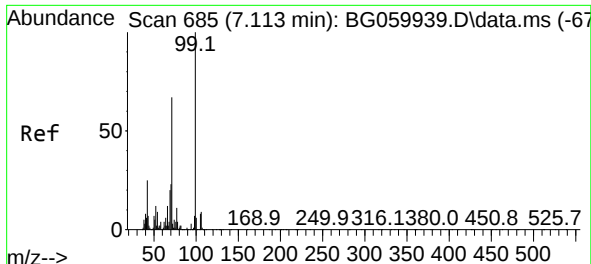
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023



#6  
Aniline  
Concen: 67.748 ng  
RT: 7.289 min Scan# 715  
Delta R.T. 0.005 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

Tgt Ion: 93 Resp: 336346  
Ion Ratio Lower Upper  
93 100  
66 39.3 31.4 47.0  
65 21.3 16.2 24.2





#7  
Phenol-d6  
Concen: 136.879 ng  
RT: 7.113 min Scan# 685  
Delta R.T. -0.000 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

Instrument :

BNA\_G

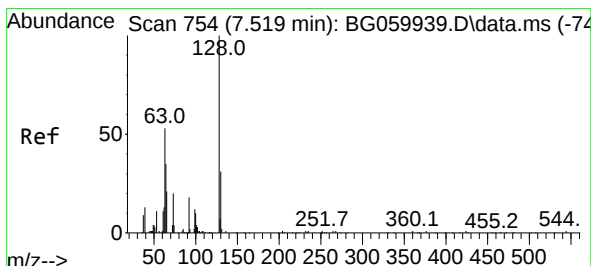
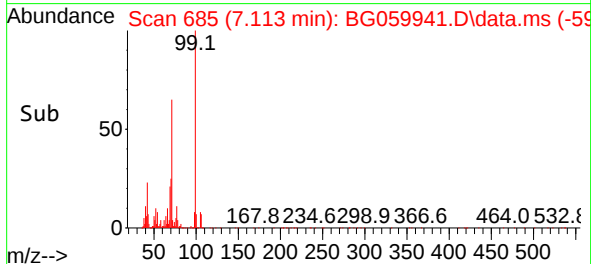
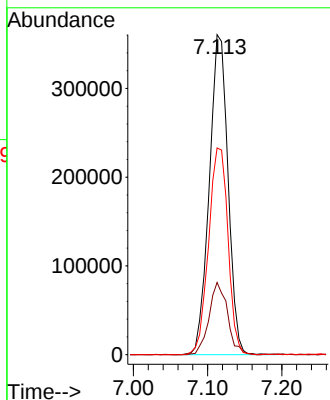
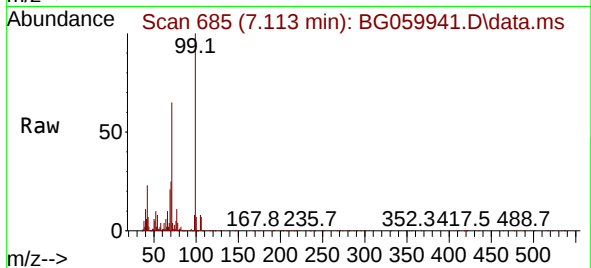
ClientSampleId :

SSTDICC060

Tgt Ion: 99 Resp: 632724  
Ion Ratio Lower Upper  
99 100  
42 22.5 20.1 30.1  
71 64.6 53.8 80.6

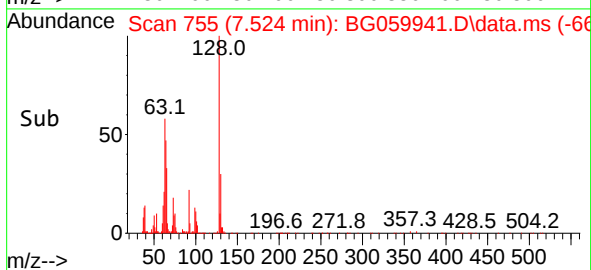
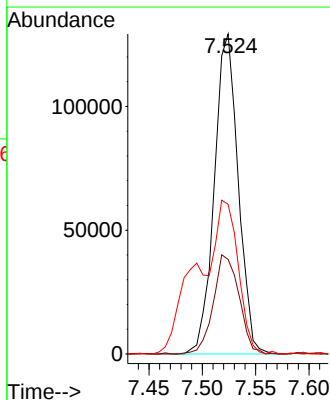
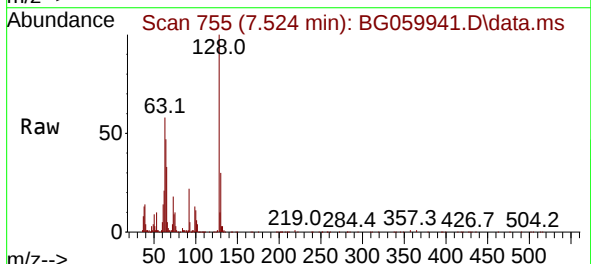
Manual Integrations  
APPROVED

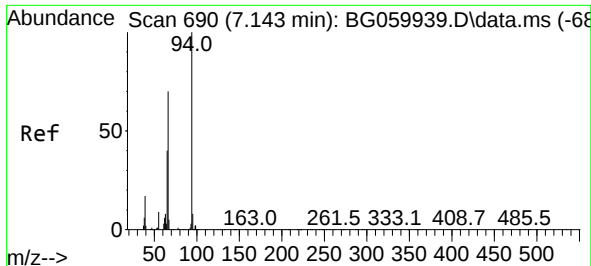
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023



#8  
2-Chlorophenol  
Concen: 66.308 ng  
RT: 7.524 min Scan# 755  
Delta R.T. 0.005 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

Tgt Ion:128 Resp: 201152  
Ion Ratio Lower Upper  
128 100  
130 29.6 10.9 50.9  
64 46.7 30.3 70.3





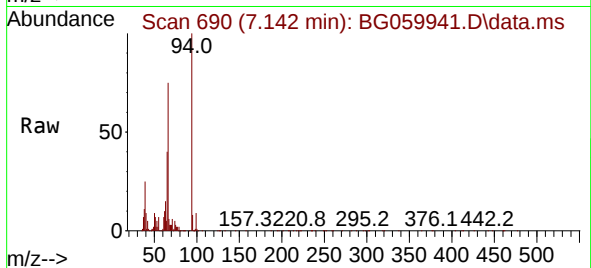
#10  
Phenol  
Concen: 66.048 ng  
RT: 7.142 min Scan# 690  
Delta R.T. -0.000 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

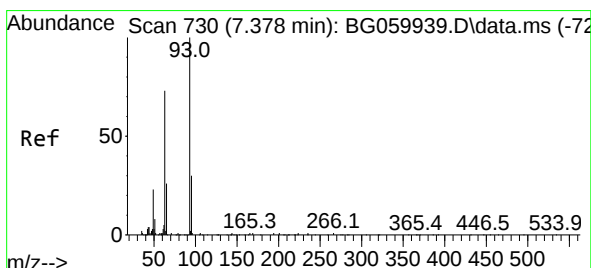
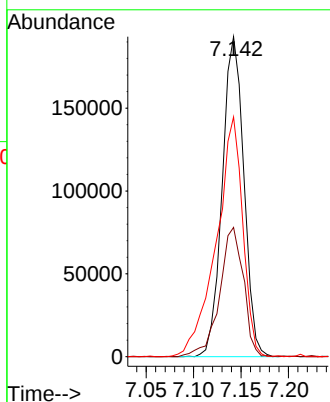
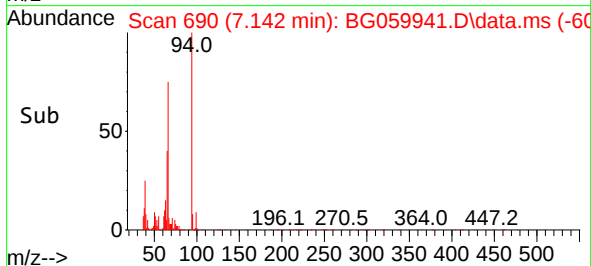


Tgt Ion: 94 Resp: 305340  
Ion Ratio Lower Upper  
94 100  
65 40.4 20.6 60.6  
66 74.9 52.1 92.1

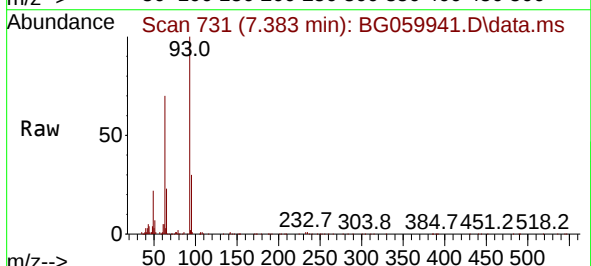
Manual Integrations

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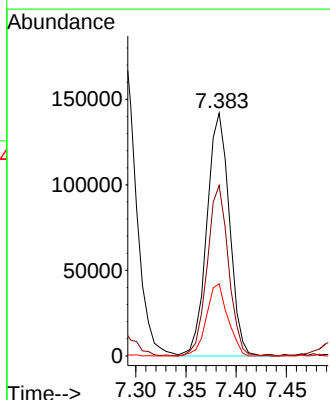
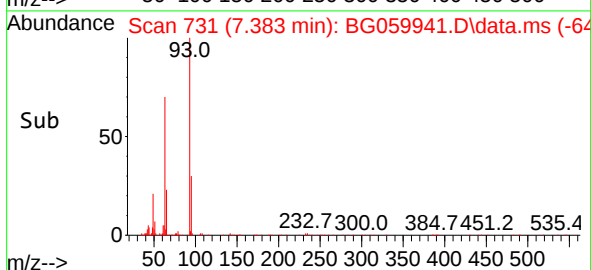
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023

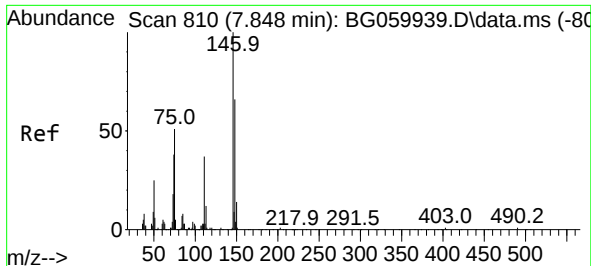


#11  
bis(2-Chloroethyl)ether  
Concen: 76.442 ng  
RT: 7.383 min Scan# 731  
Delta R.T. 0.005 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26



Tgt Ion: 93 Resp: 221566  
Ion Ratio Lower Upper  
93 100  
63 70.2 52.9 92.9  
95 29.7 9.9 49.9





#12

1,3-Dichlorobenzene

Concen: 61.624 ng

RT: 7.847 min Scan# 810

Delta R.T. -0.000 min

Lab File: BG059941.D

Acq: 4 Dec 2023 21:26

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

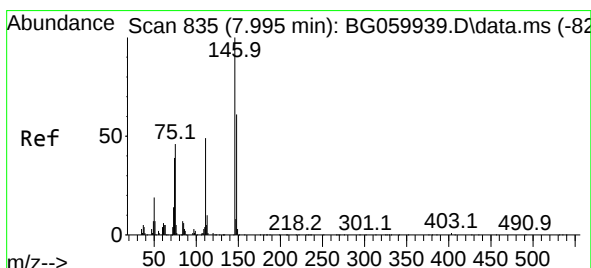
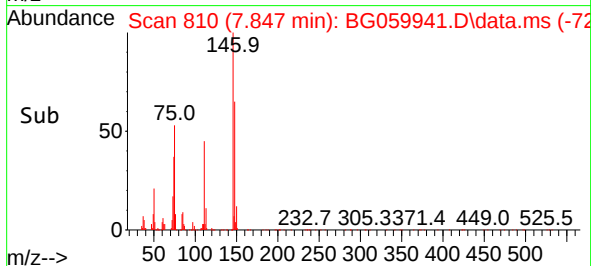
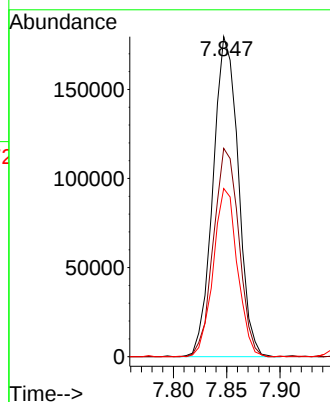
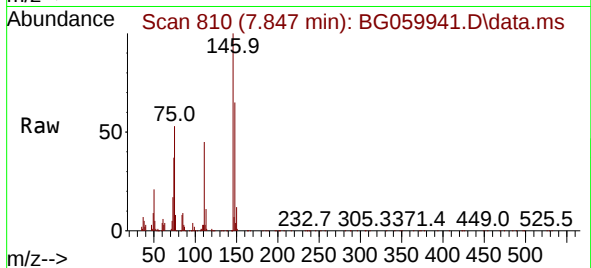
Tgt Ion:146 Resp: 295035  
 Ion Ratio Lower Upper  
 146 100  
 148 65.1 52.9 79.3  
 75 52.5 40.7 61.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/05/2023

Supervised By :mohammad ahmed 12/06/2023



#13

1,4-Dichlorobenzene

Concen: 58.714 ng

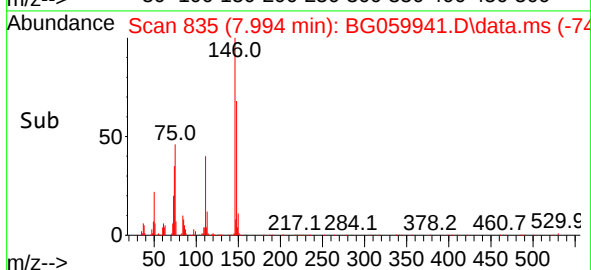
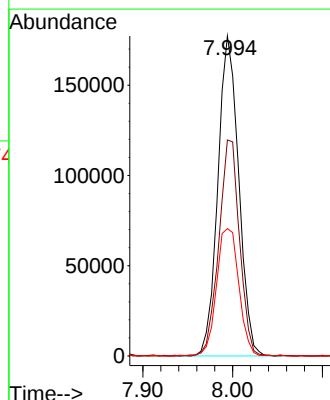
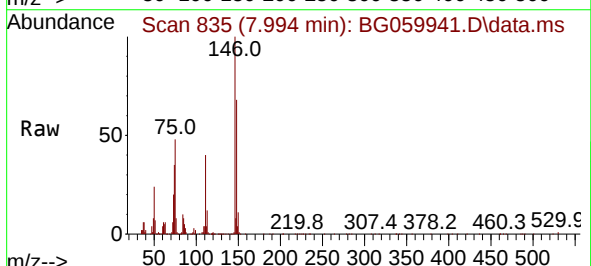
RT: 7.994 min Scan# 835

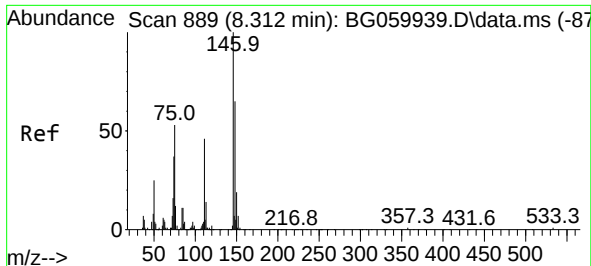
Delta R.T. -0.000 min

Lab File: BG059941.D

Acq: 4 Dec 2023 21:26

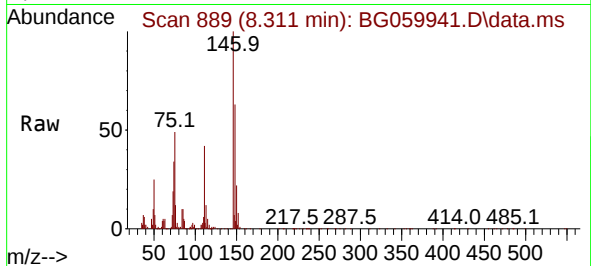
Tgt Ion:146 Resp: 285218  
 Ion Ratio Lower Upper  
 146 100  
 148 67.5 48.8 73.2  
 111 39.8 39.1 58.7





#14  
1,2-Dichlorobenzene  
Concen: 57.256 ng  
RT: 8.311 min Scan# 889  
Delta R.T. -0.000 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

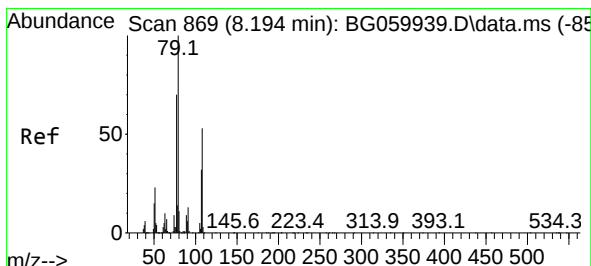
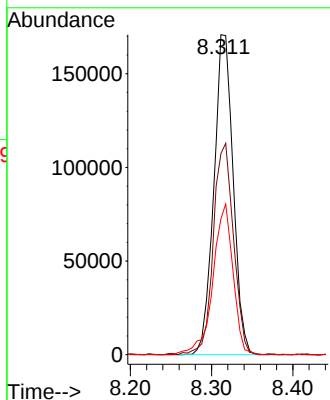
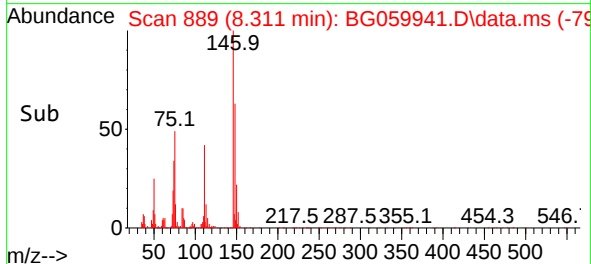
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:146 Resp: 282724  
Ion Ratio Lower Upper  
146 100  
148 62.8 52.4 78.6  
111 42.4 36.7 55.1

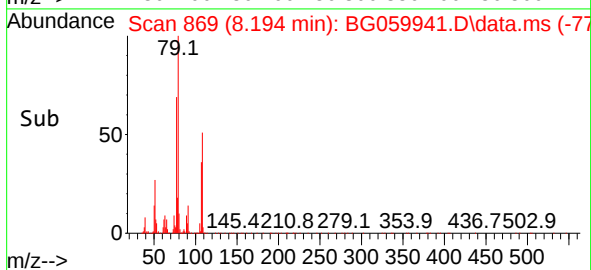
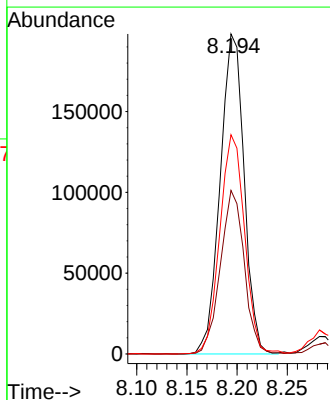
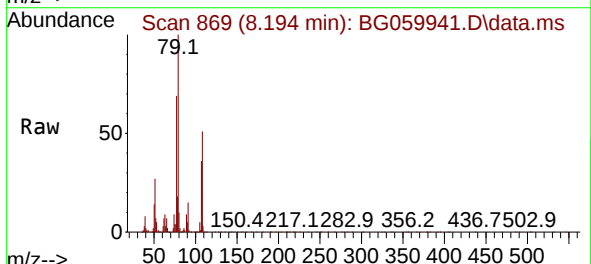
Manual Integrations  
APPROVED

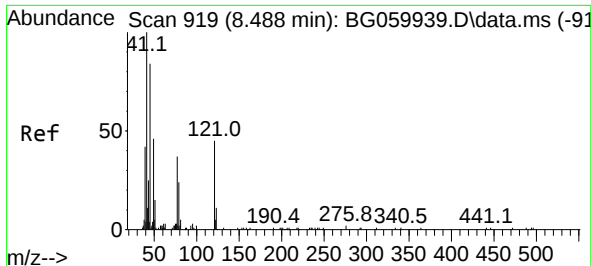
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023



#15  
Benzyl Alcohol  
Concen: 61.425 ng  
RT: 8.194 min Scan# 869  
Delta R.T. -0.000 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

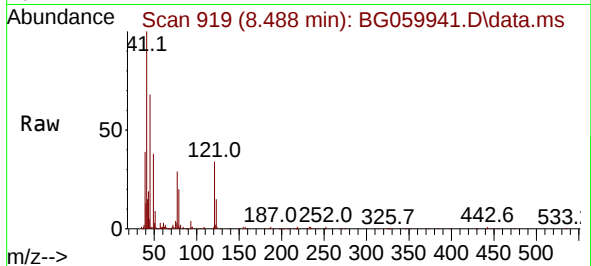
Tgt Ion: 79 Resp: 327826  
Ion Ratio Lower Upper  
79 100  
108 51.1 42.7 64.1  
77 68.5 56.3 84.5





#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 103.401 ng  
RT: 8.488 min Scan# 919  
Delta R.T. -0.000 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

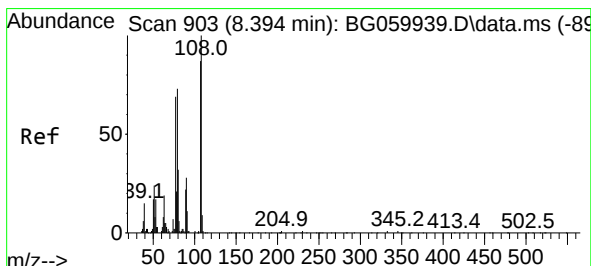
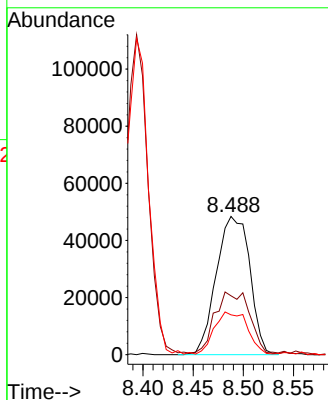
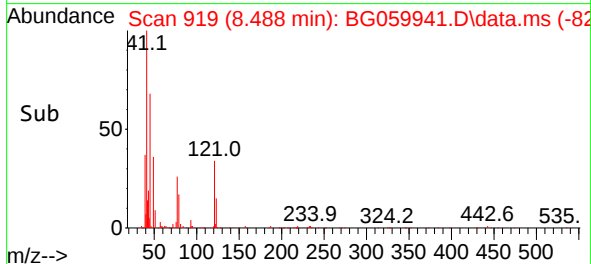
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



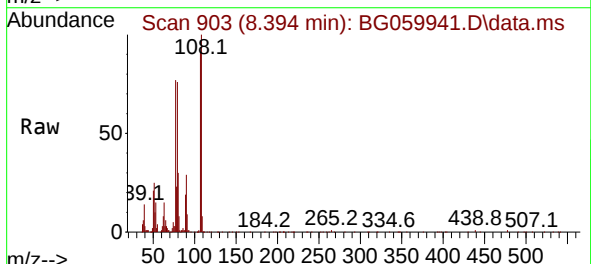
Tgt Ion: 45 Resp: 11264  
Ion Ratio Lower Upper  
45 100  
77 42.6 26.2 66.2  
79 28.8 11.2 51.2

Manual Integrations  
APPROVED

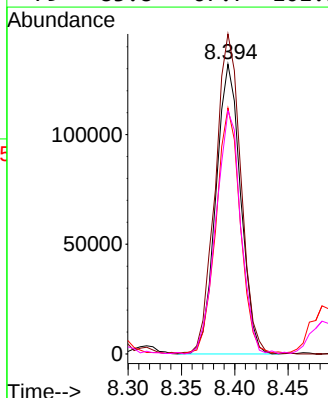
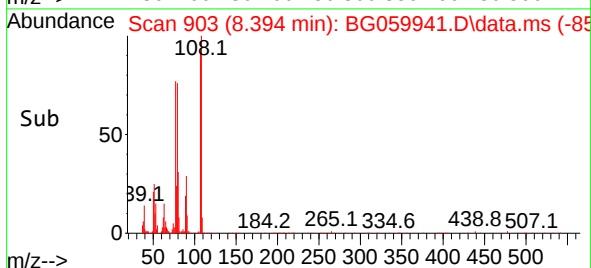
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023

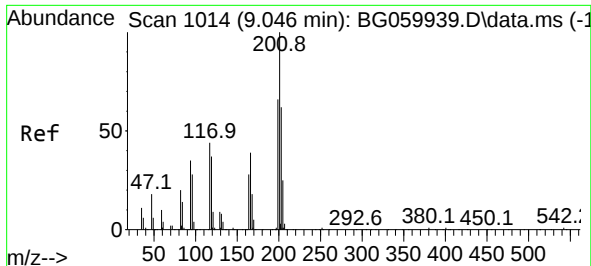


#17  
2-Methylphenol  
Concen: 64.211 ng  
RT: 8.394 min Scan# 903  
Delta R.T. -0.000 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26



Tgt Ion:107 Resp: 212511  
Ion Ratio Lower Upper  
107 100  
108 110.4 92.2 138.4  
77 84.8 63.7 95.5  
79 83.8 67.7 101.5





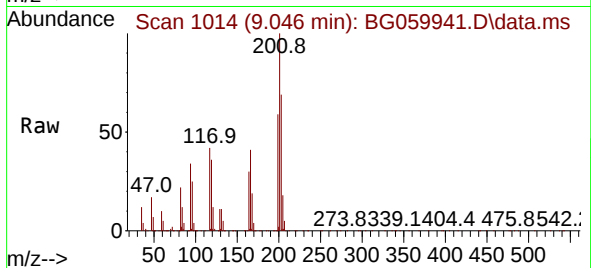
#18  
Hexachloroethane  
Concen: 53.652 ng  
RT: 9.046 min Scan# 1014  
Delta R.T. -0.000 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060



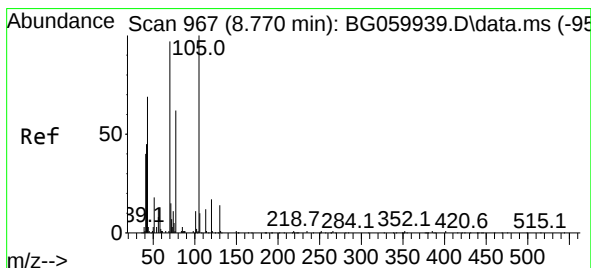
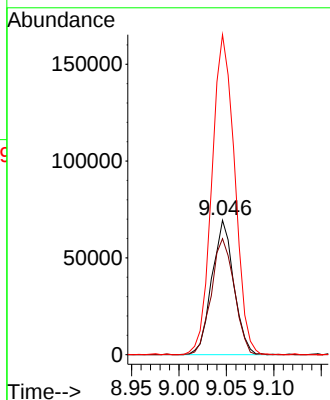
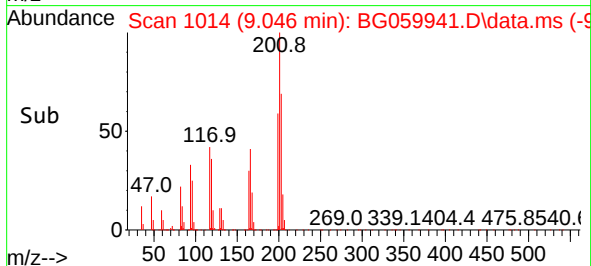
Tgt Ion:117 Resp: 111409  
Ion Ratio Lower Upper  
117 100  
119 86.3 67.5 101.3  
201 238.0 183.0 274.6

Manual Integrations

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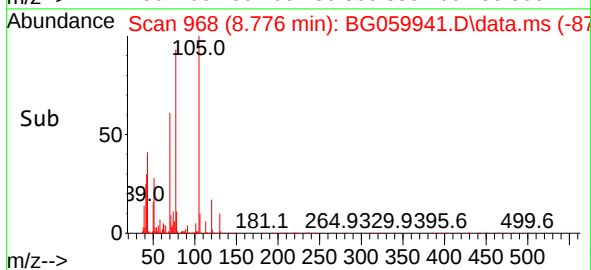
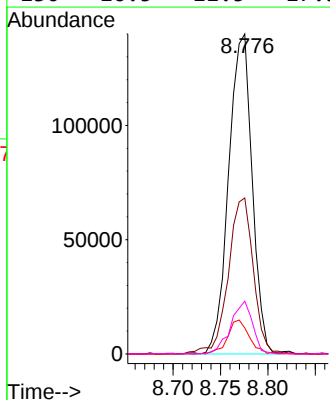
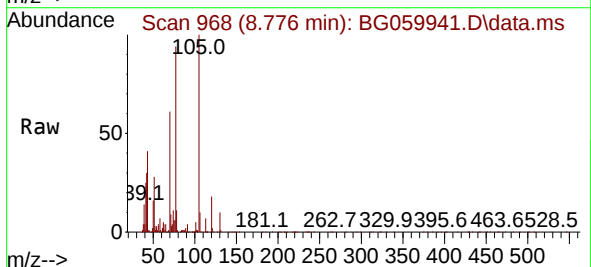
Reviewed By :Yogesh Patel 12/05/2023

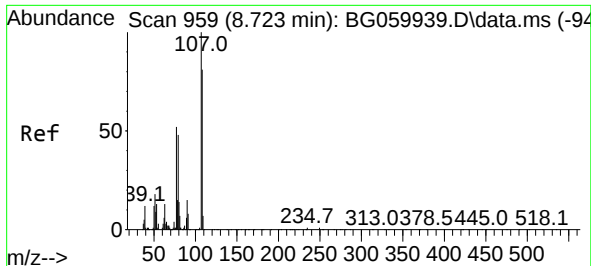
Supervised By :mohammad ahmed 12/06/2023



#19  
n-Nitroso-di-n-propylamine  
Concen: 64.486 ng  
RT: 8.776 min Scan# 968  
Delta R.T. 0.005 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

Tgt Ion: 70 Resp: 241308  
Ion Ratio Lower Upper  
70 100  
42 48.8 38.1 57.1  
101 8.2 8.6 13.0#  
130 16.5 11.5 17.3





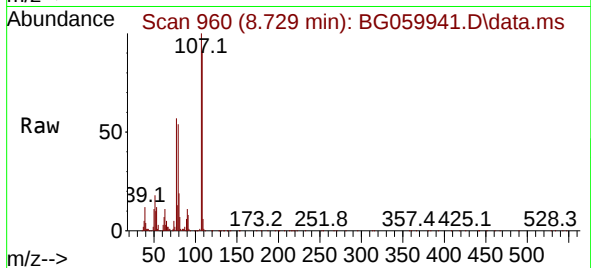
#20  
3+4-Methylphenols  
Concen: 62.884 ng  
RT: 8.729 min Scan# 959  
Delta R.T. 0.005 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

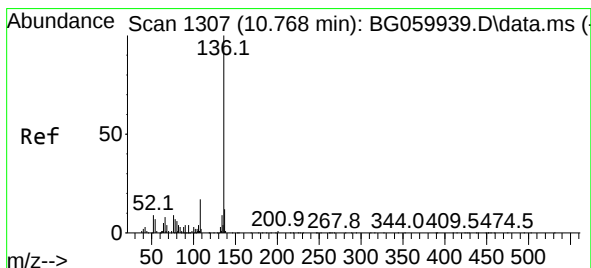
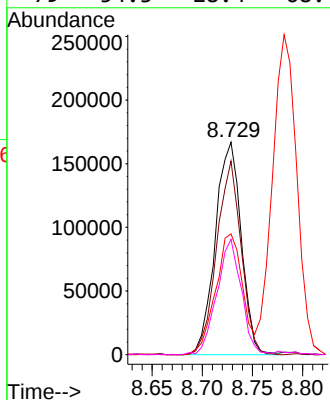
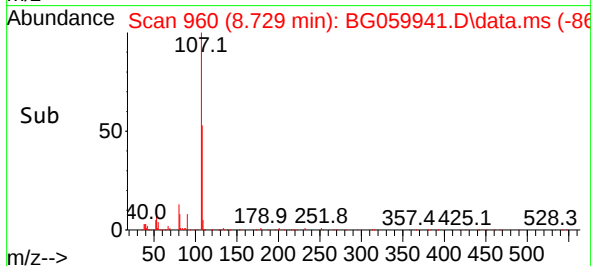


Tgt Ion:107 Resp: 299700  
Ion Ratio Lower Upper  
107 100  
108 91.1 60.7 100.7  
77 56.8 32.2 72.2  
79 54.3 28.4 68.4

Manual Integrations

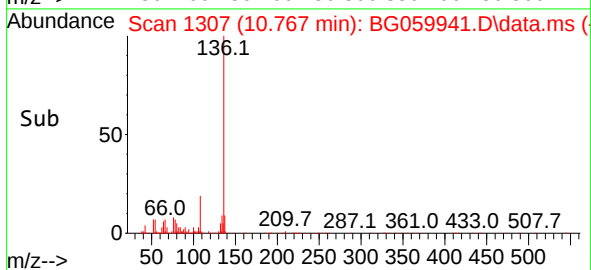
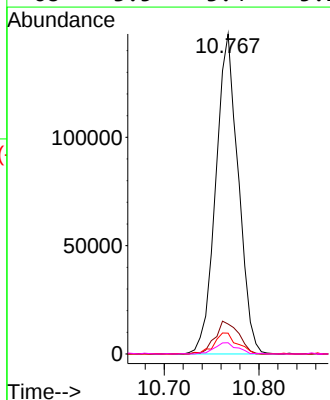
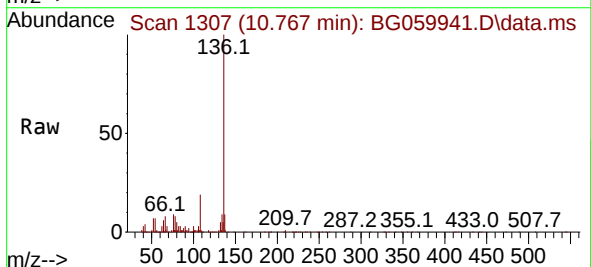
APPROVED

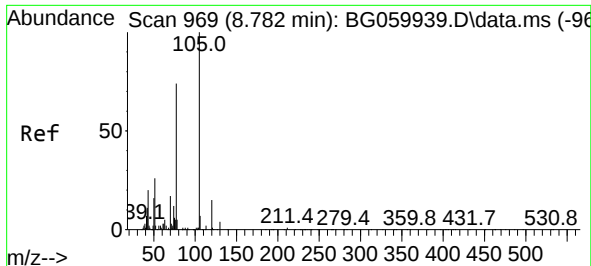
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.767 min Scan# 1307  
Delta R.T. -0.000 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

Tgt Ion:136 Resp: 243708  
Ion Ratio Lower Upper  
136 100  
137 9.4 9.8 14.6#  
54 6.5 5.8 8.6  
68 3.5 3.4 5.2





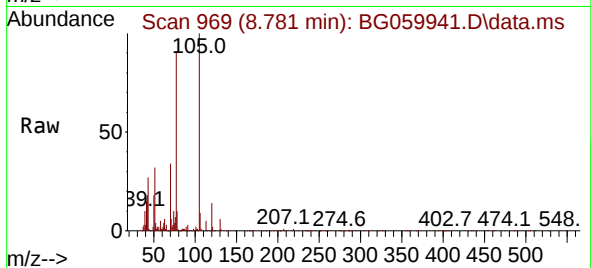
#22  
Acetophenone  
Concen: 61.174 ng  
RT: 8.781 min Scan# 90  
Delta R.T. -0.000 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

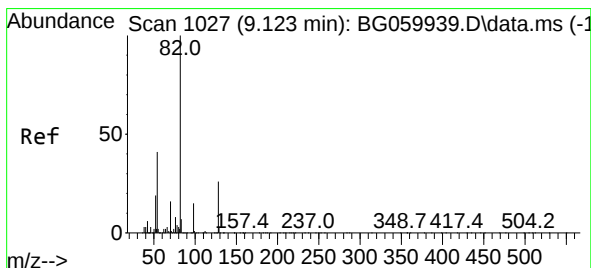
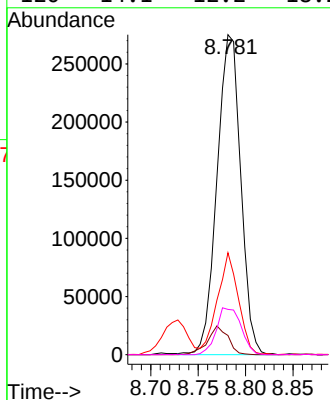
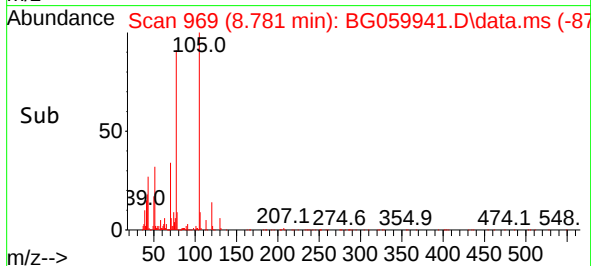


Tgt Ion:105 Resp: 479084  
Ion Ratio Lower Upper  
105 100  
71 6.0 3.0 4.4  
51 31.9 24.4 36.6  
120 14.1 12.2 18.2

Manual Integrations

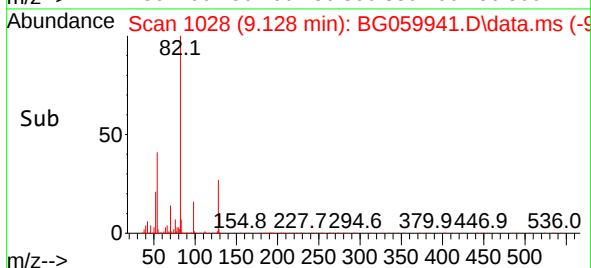
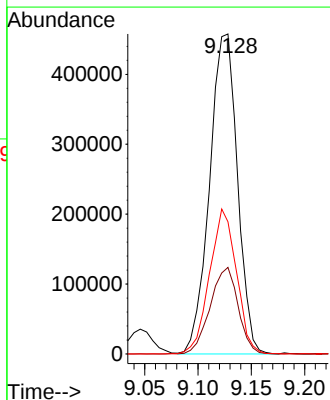
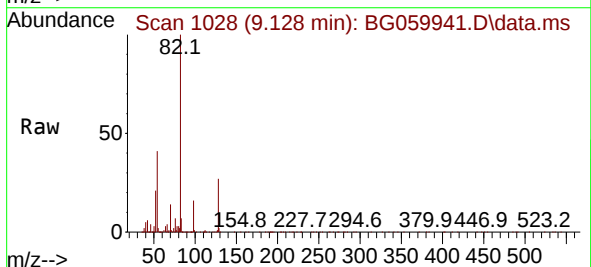
APPROVED

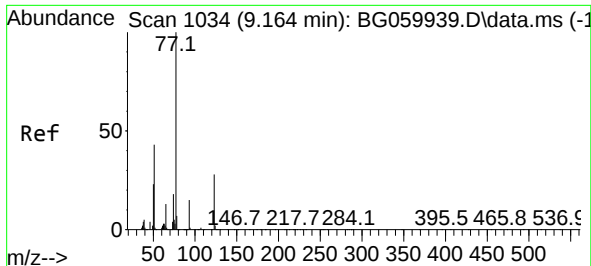
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023



#23  
Nitrobenzene-d5  
Concen: 118.446 ng  
RT: 9.128 min Scan# 1028  
Delta R.T. 0.005 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

Tgt Ion: 82 Resp: 833654  
Ion Ratio Lower Upper  
82 100  
128 27.1 21.0 31.6  
54 41.3 32.6 48.8





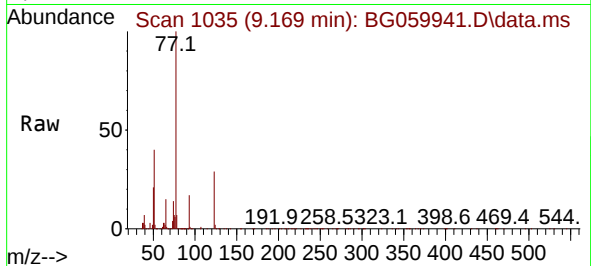
#24  
Nitrobenzene  
Concen: 61.360 ng  
RT: 9.169 min Scan# 1034  
Delta R.T. 0.005 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060



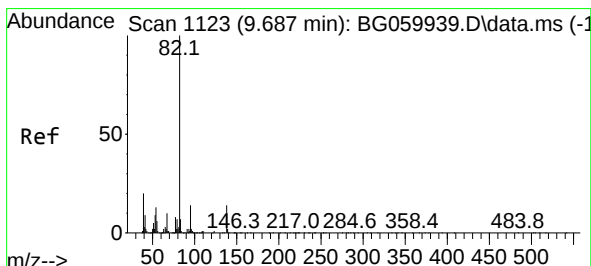
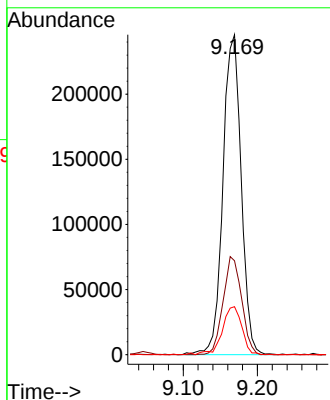
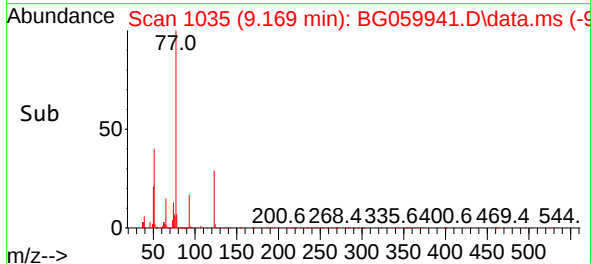
Tgt Ion: 77 Resp: 419894  
Ion Ratio Lower Upper  
77 100  
123 29.3 22.7 34.1  
65 15.0 10.6 16.0

Manual Integrations

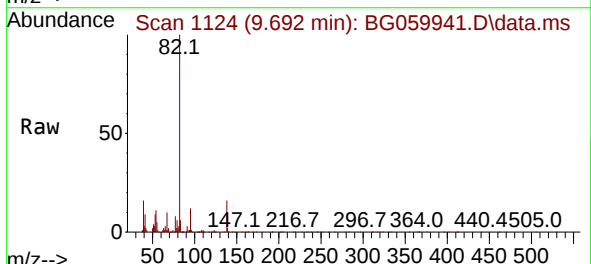
APPROVED

Reviewed By :Yogesh Patel 12/05/2023

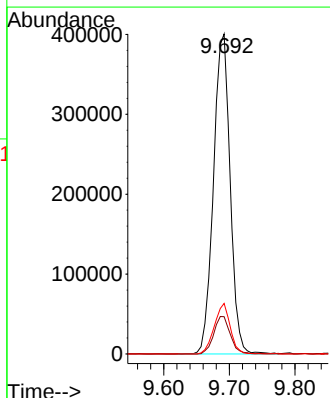
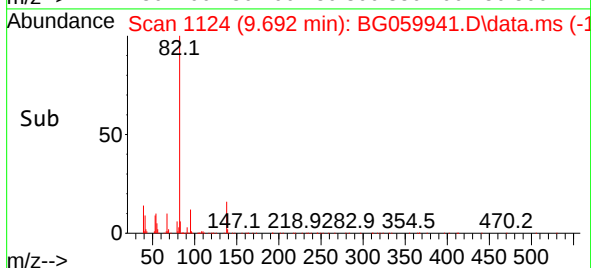
Supervised By :mohammad ahmed 12/06/2023

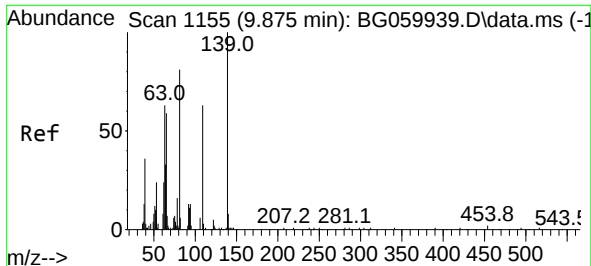


#25  
Isophorone  
Concen: 65.729 ng  
RT: 9.692 min Scan# 1124  
Delta R.T. 0.005 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26



Tgt Ion: 82 Resp: 705301  
Ion Ratio Lower Upper  
82 100  
95 11.6 11.2 16.8  
138 15.8 11.0 16.4





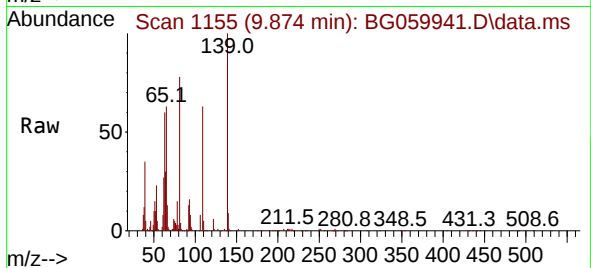
#26  
2-Nitrophenol  
Concen: 63.702 ng  
RT: 9.874 min Scan# 1155  
Delta R.T. -0.000 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060



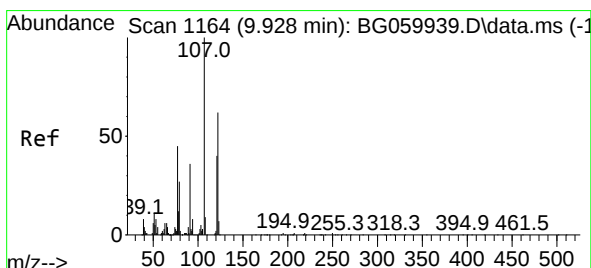
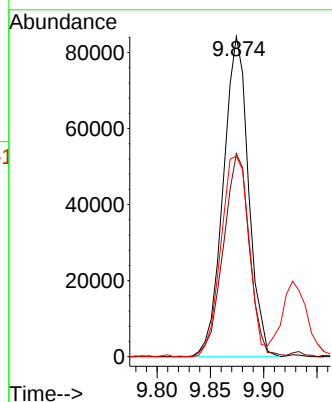
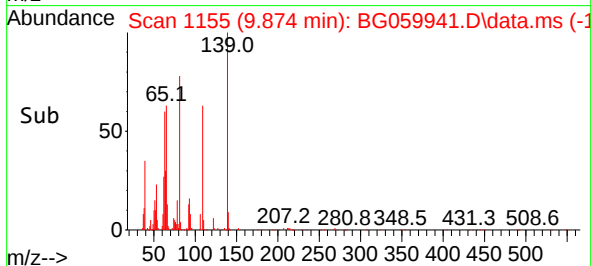
Tgt Ion:139 Resp: 138694  
Ion Ratio Lower Upper  
139 100  
109 63.5 50.2 75.2  
65 62.7 46.8 70.2

Manual Integrations

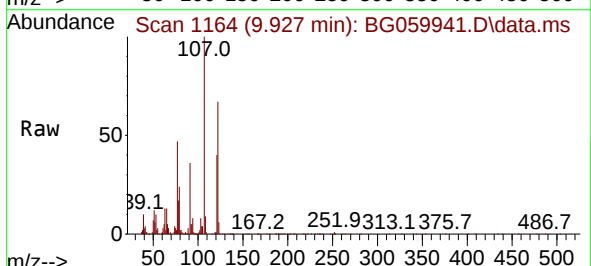
APPROVED

Reviewed By :Yogesh Patel 12/05/2023

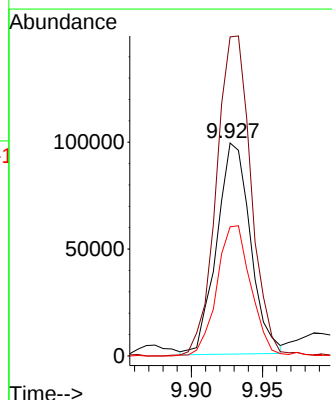
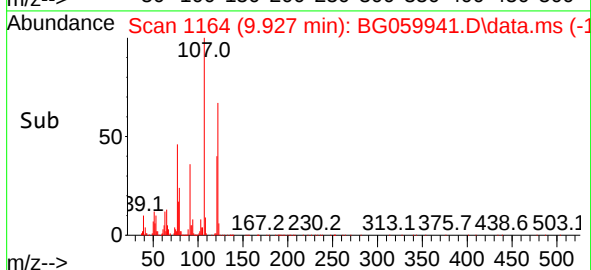
Supervised By :mohammad ahmed 12/06/2023

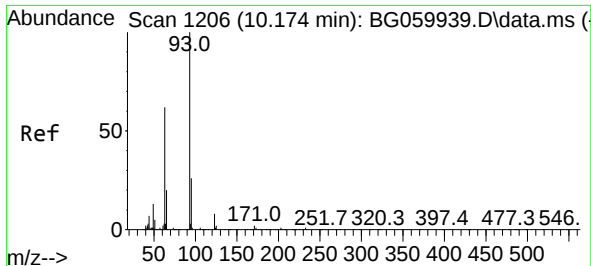


#27  
2,4-Dimethylphenol  
Concen: 61.890 ng  
RT: 9.927 min Scan# 1164  
Delta R.T. -0.000 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26



Tgt Ion:122 Resp: 163008  
Ion Ratio Lower Upper  
122 100  
107 149.8 126.1 189.1  
121 60.6 50.3 75.5





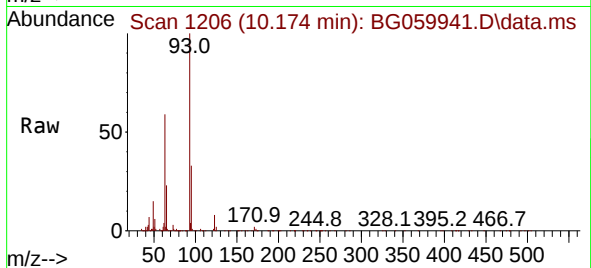
#28  
bis(2-Chloroethoxy)methane  
Concen: 72.970 ng  
RT: 10.174 min Scan# 1206  
Delta R.T. -0.000 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

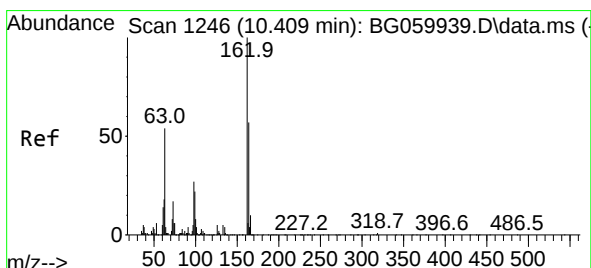
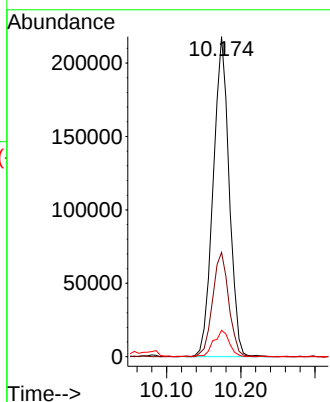
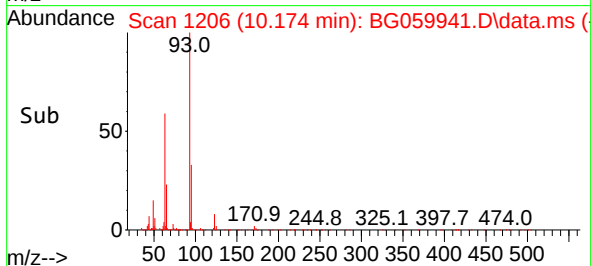


Tgt Ion: 93 Resp: 326230  
Ion Ratio Lower Upper  
93 100  
95 32.6 21.0 31.4  
123 8.3 6.7 10.1

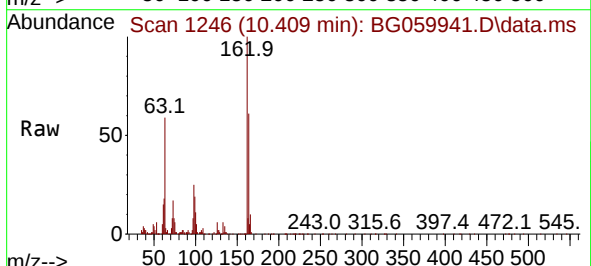
Manual Integrations

APPROVED

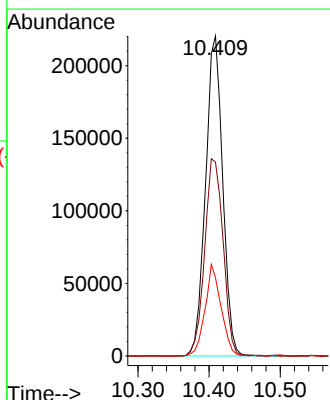
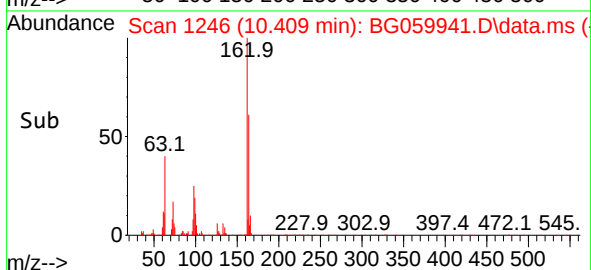
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023

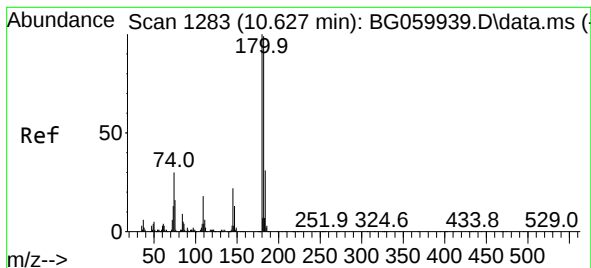


#29  
2,4-Dichlorophenol  
Concen: 58.701 ng  
RT: 10.409 min Scan# 1246  
Delta R.T. -0.000 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26



Tgt Ion:162 Resp: 369737  
Ion Ratio Lower Upper  
162 100  
164 60.6 36.7 76.7  
98 24.5 7.4 47.4





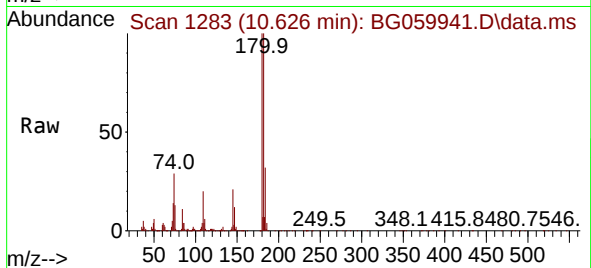
#30  
1,2,4-Trichlorobenzene  
Concen: 56.834 ng  
RT: 10.626 min Scan# 1283  
Delta R.T. -0.000 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

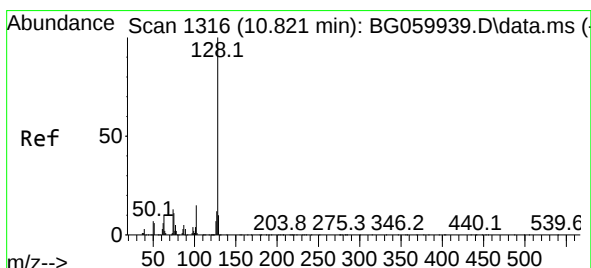
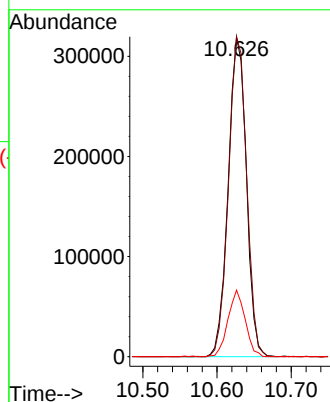
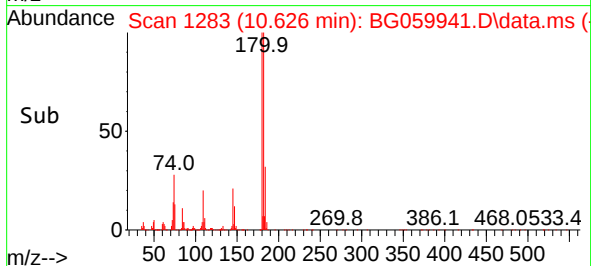


Tgt Ion:180 Resp: 542660  
Ion Ratio Lower Upper  
180 100  
182 100.0 79.0 118.6  
145 20.8 17.4 26.0

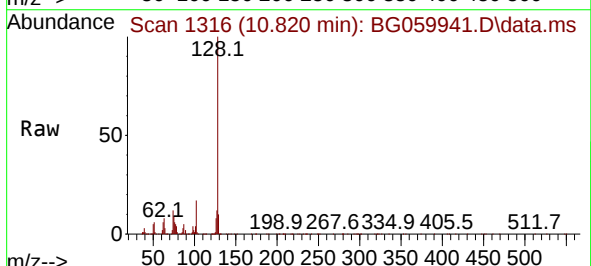
Manual Integrations

APPROVED

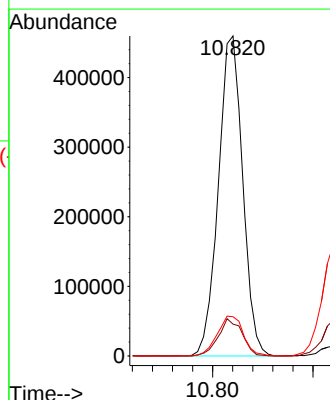
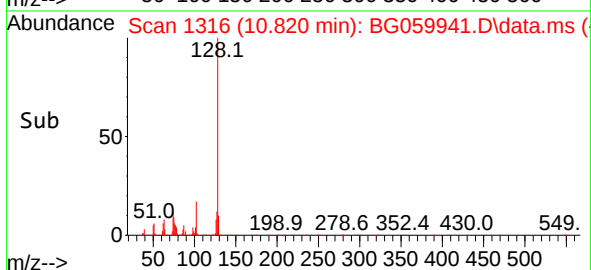
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023

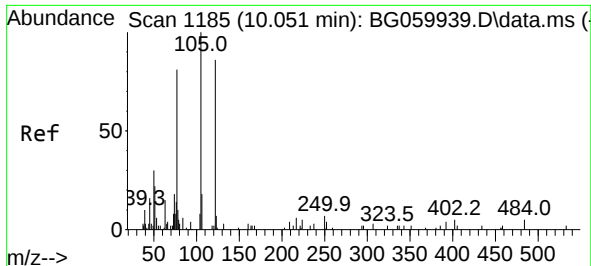


#31  
Naphthalene  
Concen: 62.866 ng  
RT: 10.820 min Scan# 1316  
Delta R.T. -0.000 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26



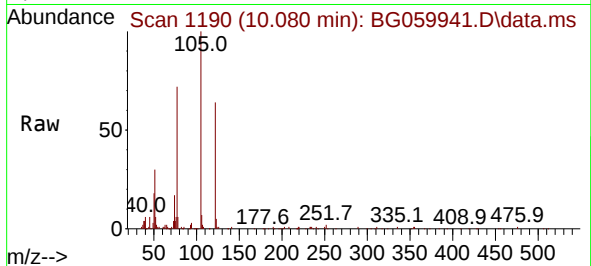
Tgt Ion:128 Resp: 771513  
Ion Ratio Lower Upper  
128 100  
129 10.0 7.6 11.4  
127 12.3 9.9 14.9





#32  
Benzoic acid  
Concen: 72.809 ng m  
RT: 10.080 min Scan# 1185  
Delta R.T. 0.029 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

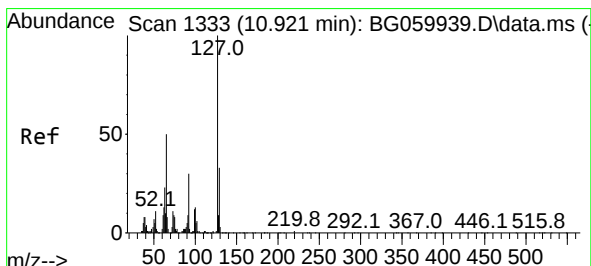
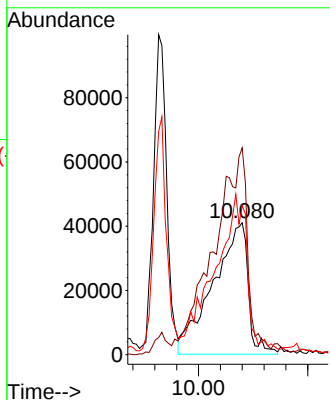
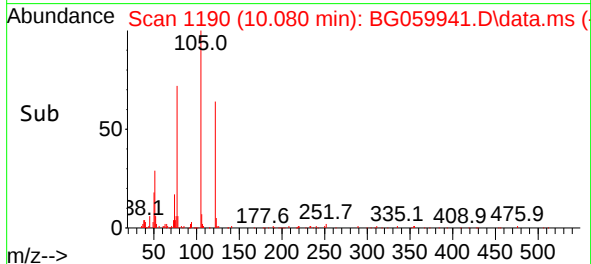
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:122 Resp: 18236  
Ion Ratio Lower Upper  
122 100  
105 157.0 123.9 163.9  
77 113.0 94.6 134.6

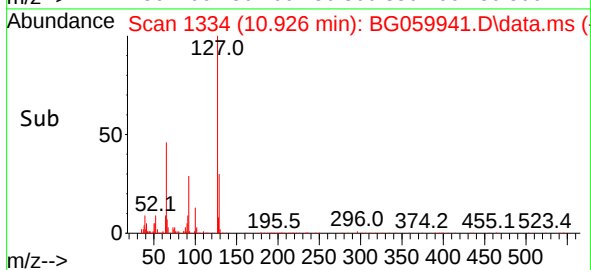
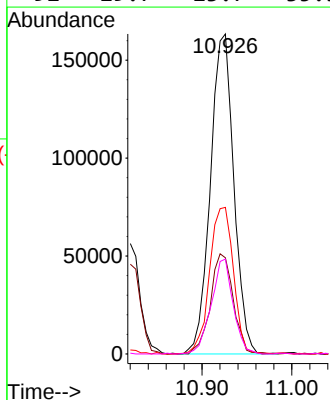
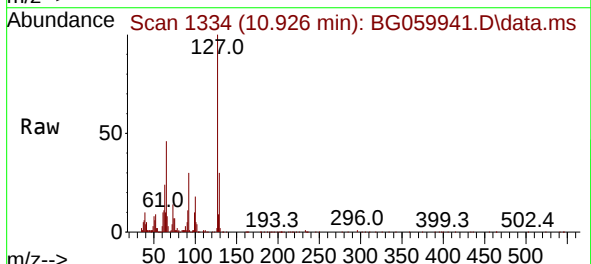
Manual Integrations  
APPROVED

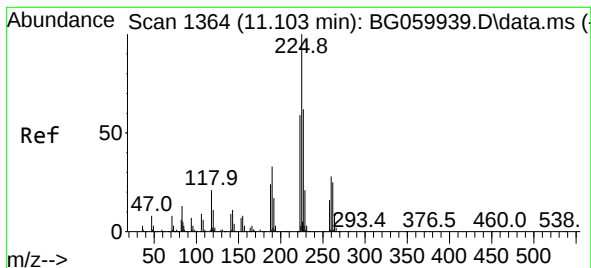
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023



#33  
4-Chloroaniline  
Concen: 64.398 ng  
RT: 10.926 min Scan# 1334  
Delta R.T. 0.005 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

Tgt Ion:127 Resp: 296424  
Ion Ratio Lower Upper  
127 100  
129 30.0 26.6 40.0  
65 45.8 40.4 60.6  
92 29.7 23.7 35.5





#34  
Hexachlorobutadiene  
Concen: 53.643 ng  
RT: 11.102 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

Instrument :

BNA\_G

ClientSampleId :

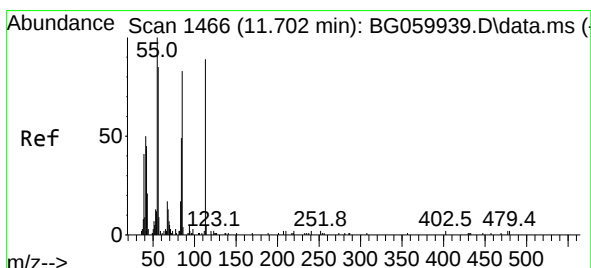
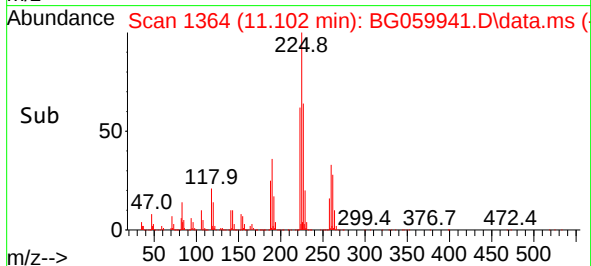
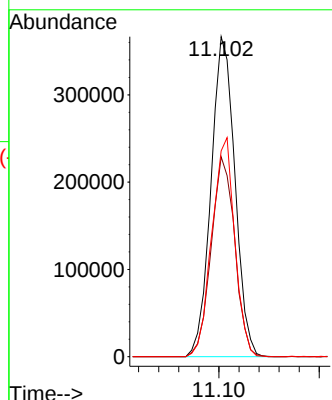
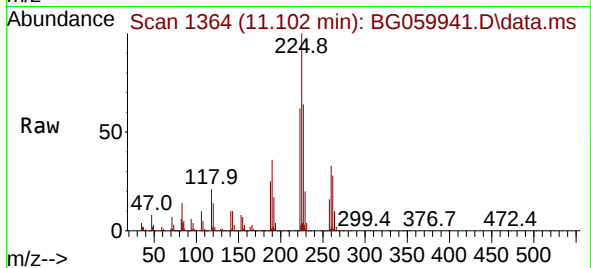
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Tgt Ion:225 Resp: 604694  
Ion Ratio Lower Upper  
225 100  
223 62.5 47.0 70.6  
227 64.3 50.2 75.4

Manual Integrations

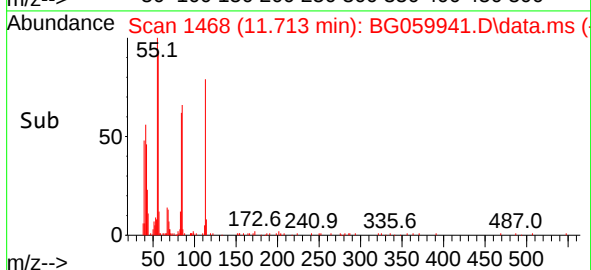
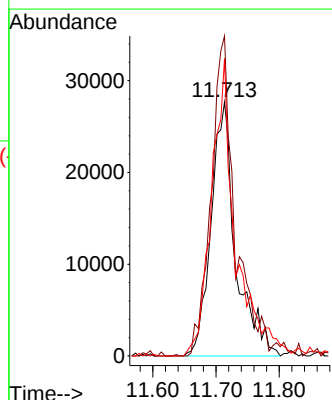
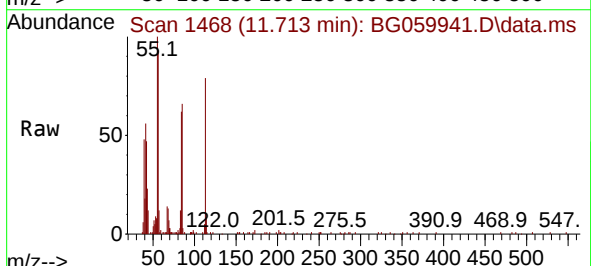
APPROVED

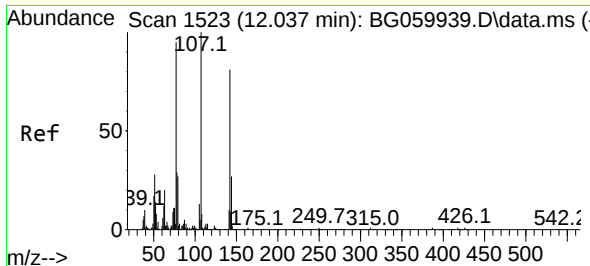
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023



#35  
Caprolactam  
Concen: 66.285 ng  
RT: 11.713 min Scan# 1468  
Delta R.T. 0.011 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

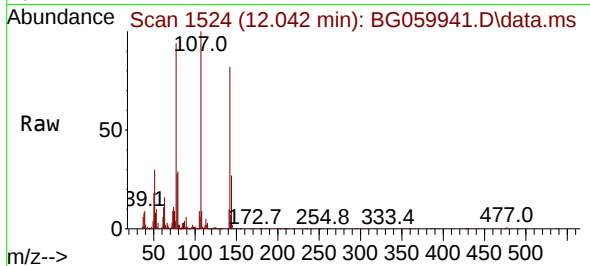
Tgt Ion:113 Resp: 74839  
Ion Ratio Lower Upper  
113 100  
55 126.0 93.5 133.5  
56 117.1 74.9 114.9#





#36  
4-Chloro-3-methylphenol  
Concen: 56.136 ng  
RT: 12.042 min Scan# 1524  
Delta R.T. 0.005 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

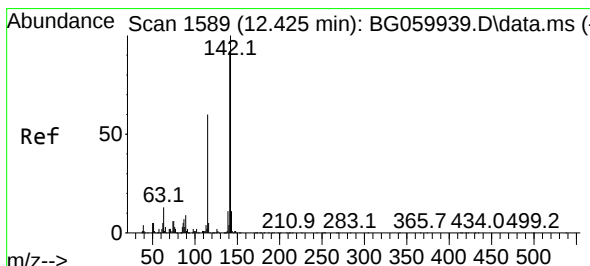
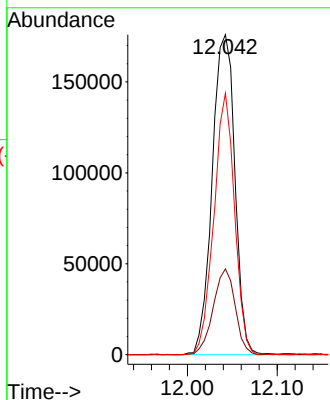
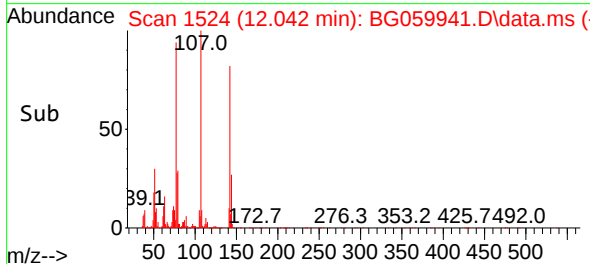
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



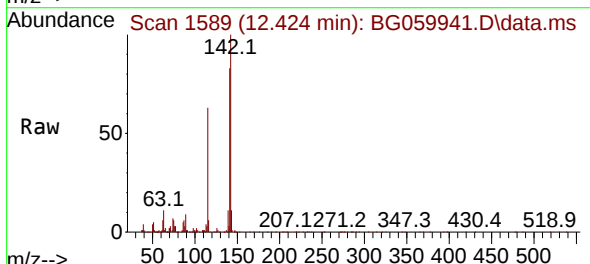
Tgt Ion:107 Resp: 308630  
Ion Ratio Lower Upper  
107 100  
144 26.8 21.6 32.4  
142 81.7 64.6 97.0

Manual Integrations  
APPROVED

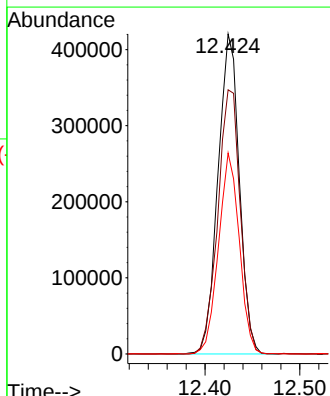
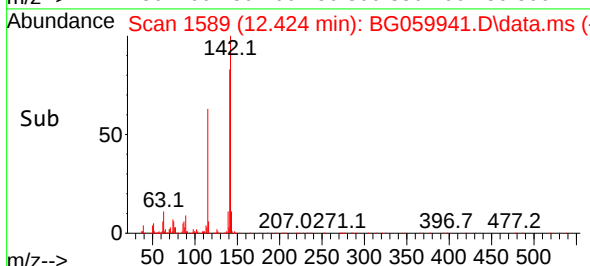
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023

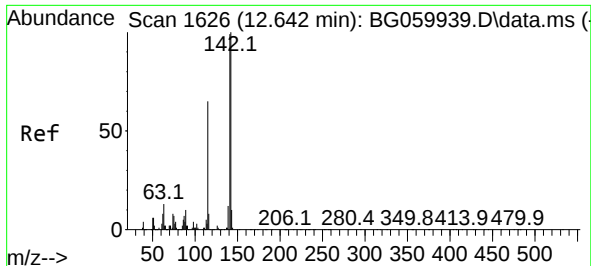


#37  
2-Methylnaphthalene  
Concen: 56.051 ng  
RT: 12.424 min Scan# 1589  
Delta R.T. -0.000 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26



Tgt Ion:142 Resp: 656519  
Ion Ratio Lower Upper  
142 100  
141 82.5 73.4 110.2  
115 62.8 48.1 72.1





#38  
1-Methylnaphthalene  
Concen: 57.158 ng  
RT: 12.648 min Scan# 1626  
Delta R.T. 0.005 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

Instrument :

BNA\_G

ClientSampleId :

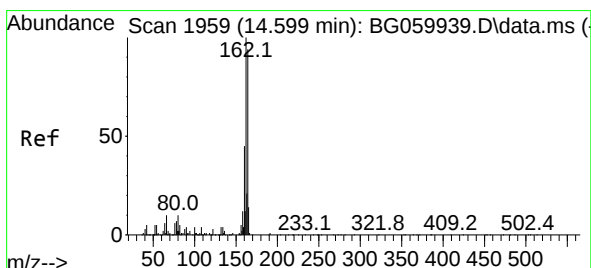
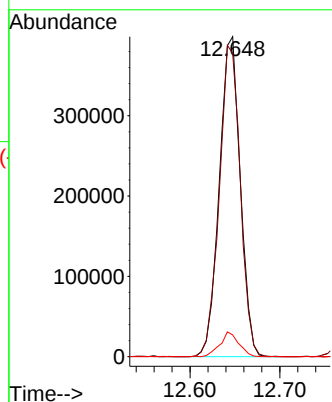
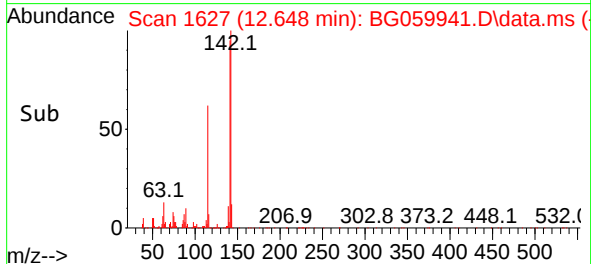
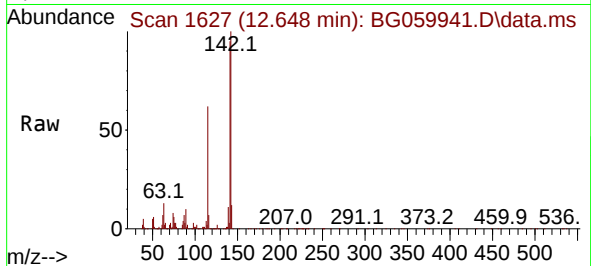
SSTDICC060

Tgt Ion:142 Resp: 64448  
Ion Ratio Lower Upper  
142 100  
141 94.8 79.4 119.2  
116 6.8 6.2 9.4

Manual Integrations

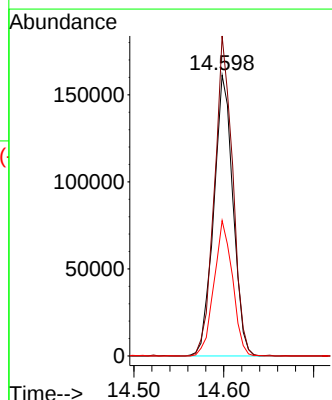
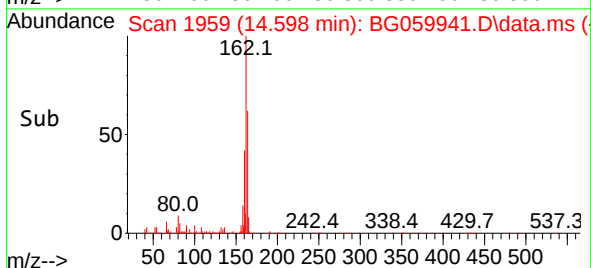
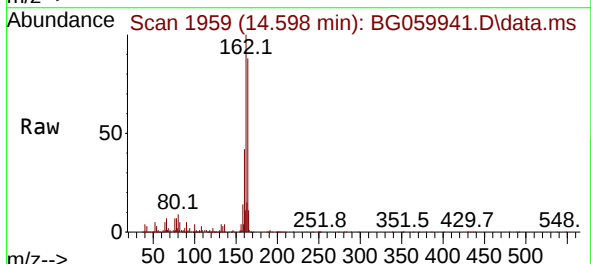
APPROVED

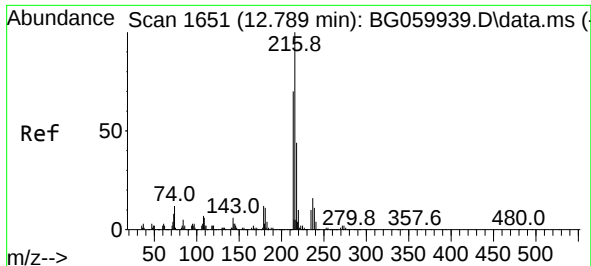
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.598 min Scan# 1959  
Delta R.T. -0.000 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

Tgt Ion:164 Resp: 239758  
Ion Ratio Lower Upper  
164 100  
162 114.0 85.0 127.6  
160 48.2 38.1 57.1





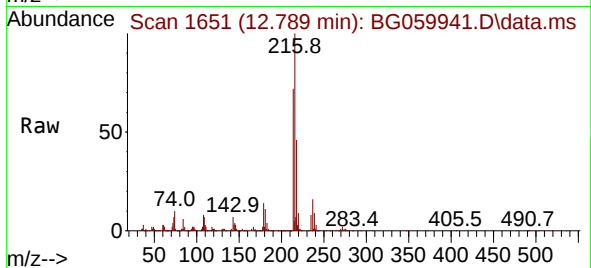
#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 64.942 ng  
RT: 12.789 min Scan# 1651  
Delta R.T. -0.000 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

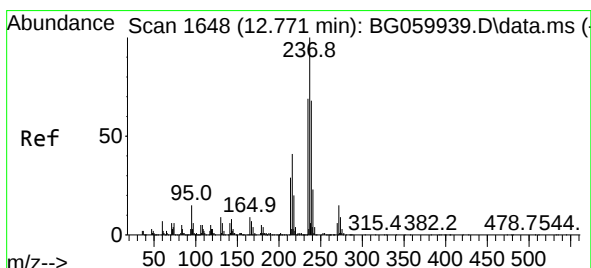
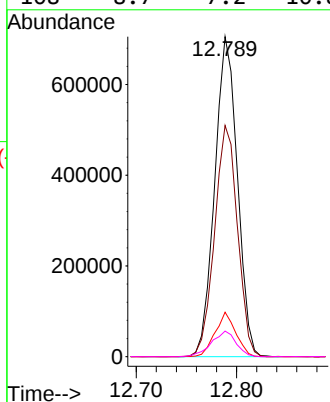
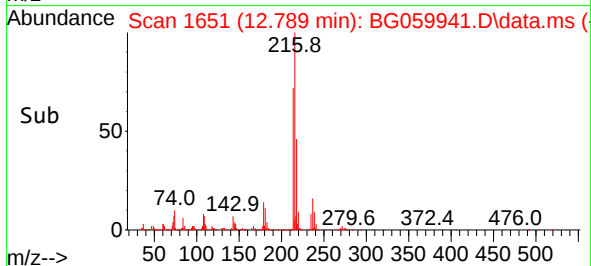


Tgt Ion:216 Resp: 1106328  
Ion Ratio Lower Upper  
216 100  
214 73.0 58.3 87.5  
179 12.7 10.2 15.4  
108 8.7 7.2 10.8

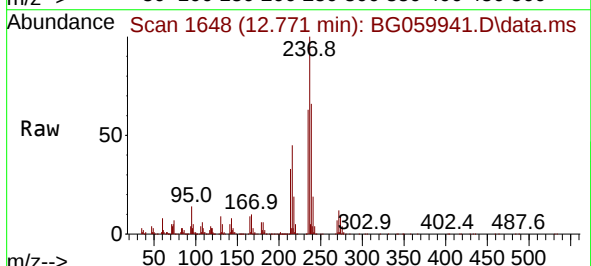
Manual Integrations

APPROVED

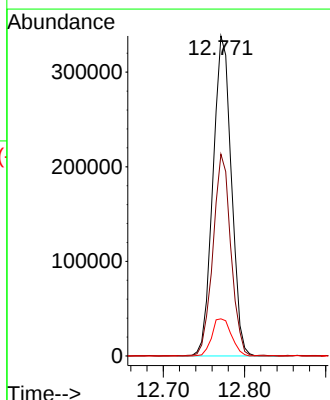
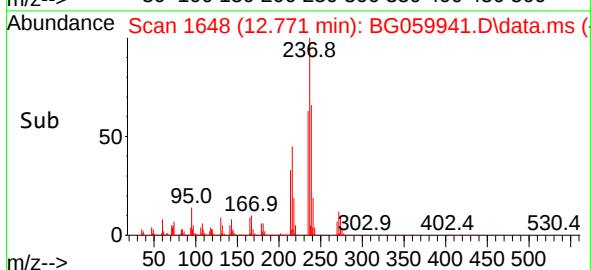
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023

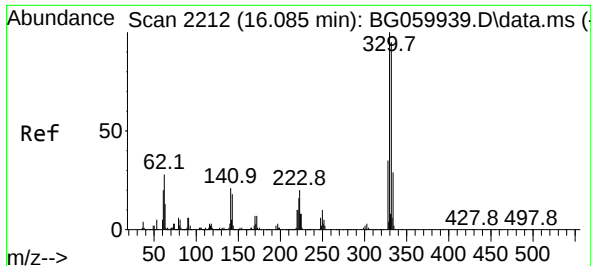


#41  
Hexachlorocyclopentadiene  
Concen: 63.494 ng  
RT: 12.771 min Scan# 1648  
Delta R.T. -0.000 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26



Tgt Ion:237 Resp: 532976  
Ion Ratio Lower Upper  
237 100  
235 63.1 49.4 89.4  
272 11.6 0.0 34.6





#42  
2,4,6-Tribromophenol  
Concen: 116.321 ng  
RT: 16.091 min Scan# 21  
Delta R.T. 0.005 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

Instrument :

BNA\_G

ClientSampleId :

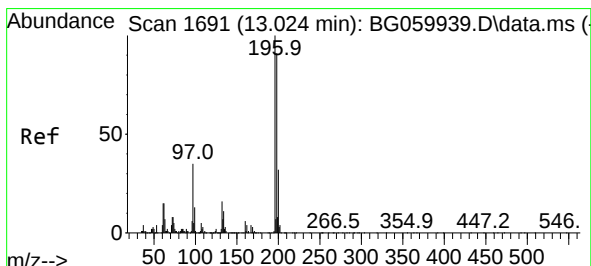
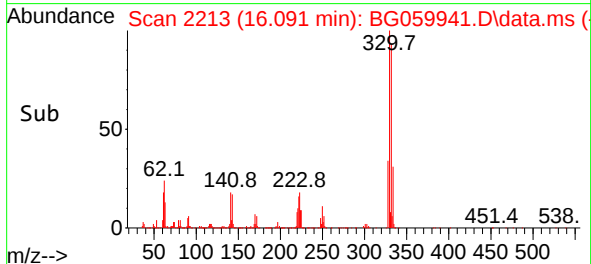
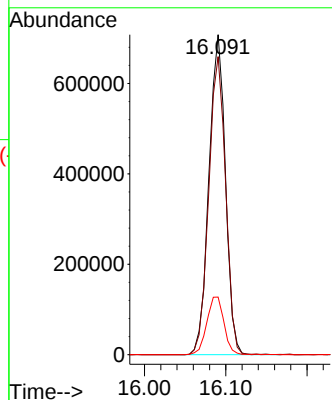
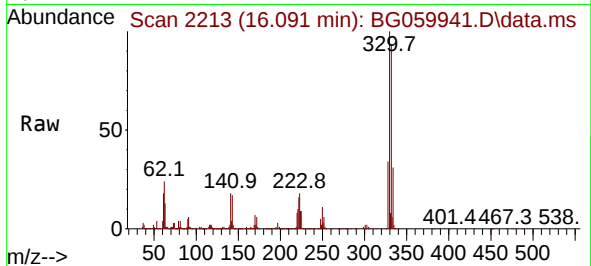
SSTDICC060

Tgt Ion:330 Resp: 99623  
Ion Ratio Lower Upper  
330 100  
332 94.9 76.5 114.7  
141 18.8 15.0 22.6

Manual Integrations

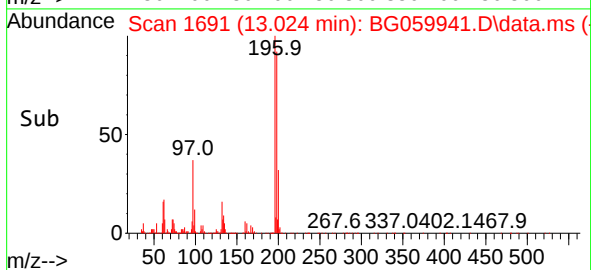
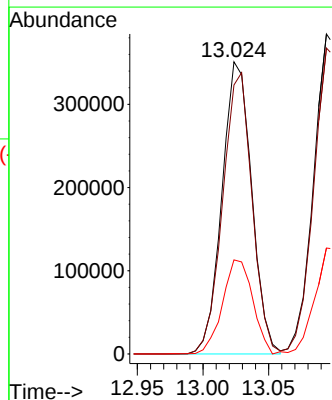
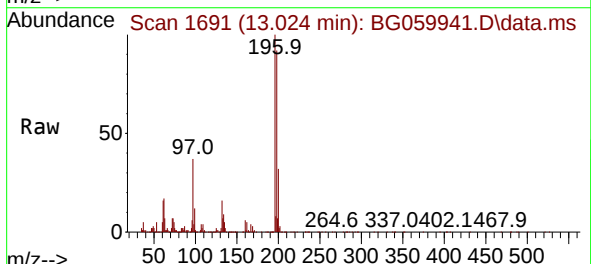
APPROVED

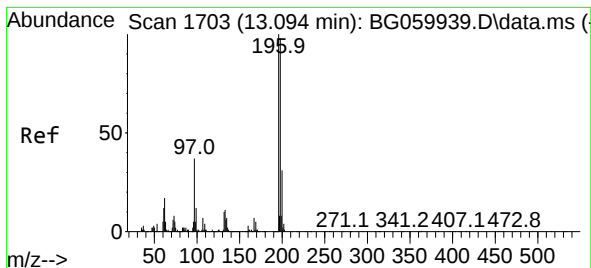
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023



#43  
2,4,6-Trichlorophenol  
Concen: 62.702 ng  
RT: 13.024 min Scan# 1691  
Delta R.T. -0.000 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

Tgt Ion:196 Resp: 553333  
Ion Ratio Lower Upper  
196 100  
198 92.1 72.6 109.0  
200 32.2 25.6 38.4





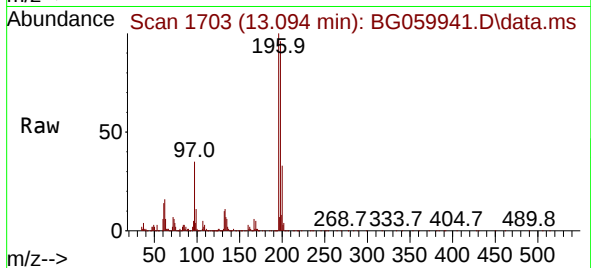
#44  
2,4,5-Trichlorophenol  
Concen: 63.827 ng  
RT: 13.094 min Scan# 1703  
Delta R.T. -0.000 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

Instrument :

BNL\_G

ClientSampleId :

SSTDICC060

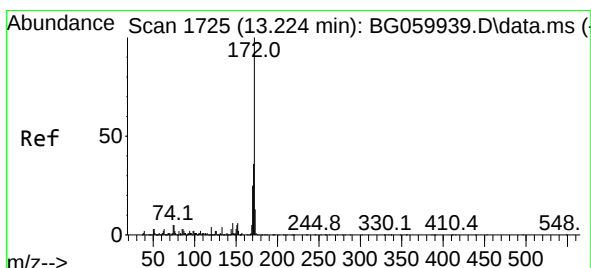
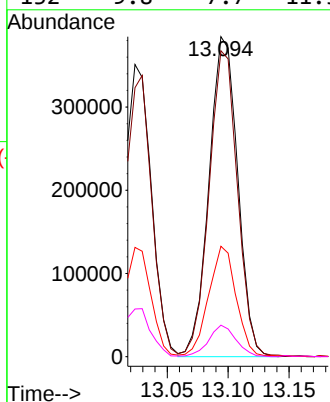
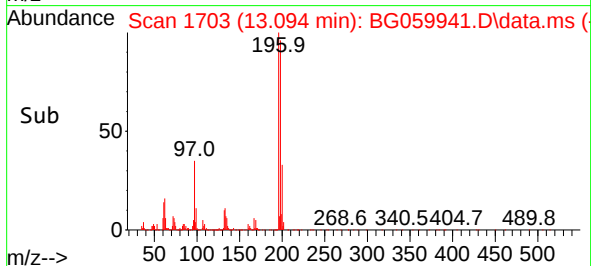


Tgt Ion:196 Resp: 63037  
Ion Ratio Lower Upper  
196 100  
198 95.6 78.3 117.5  
97 34.5 30.2 45.4  
132 9.8 7.7 11.5

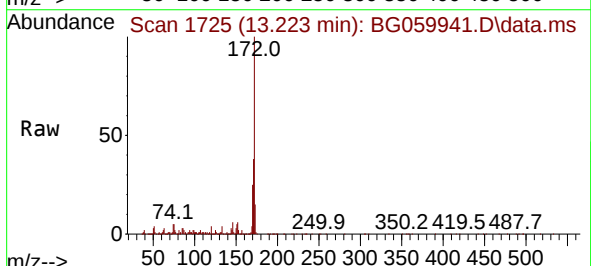
Manual Integrations

APPROVED

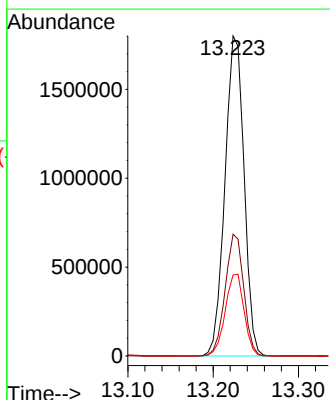
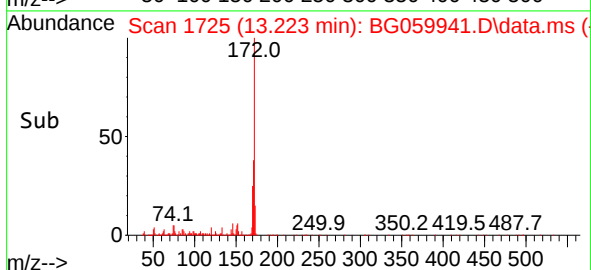
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023

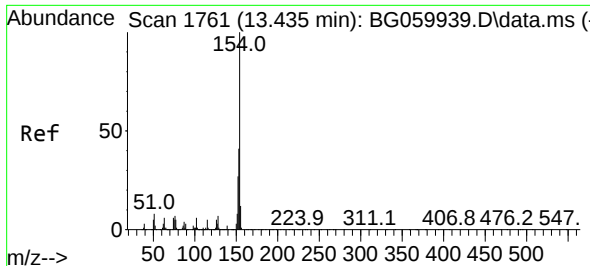


#45  
2-Fluorobiphenyl  
Concen: 120.792 ng  
RT: 13.223 min Scan# 1725  
Delta R.T. -0.000 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26



Tgt Ion:172 Resp: 2802118  
Ion Ratio Lower Upper  
172 100  
171 38.0 28.6 43.0  
170 25.3 19.8 29.8





#46  
1,1'-Biphenyl  
Concen: 66.246 ng  
RT: 13.435 min Scan# 1761  
Delta R.T. -0.000 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

Instrument :

BNA\_G

ClientSampleId :

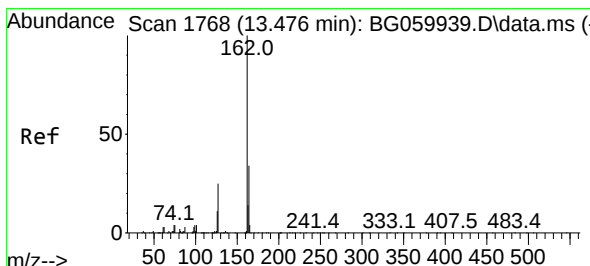
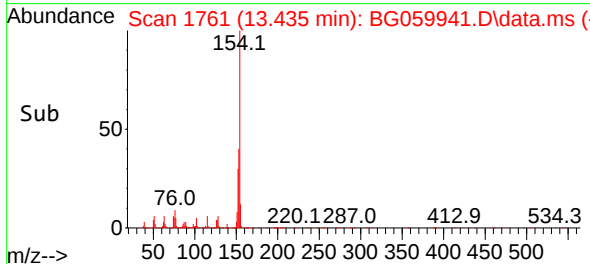
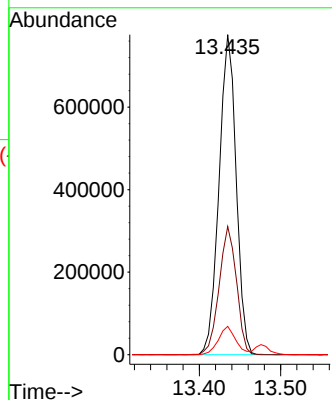
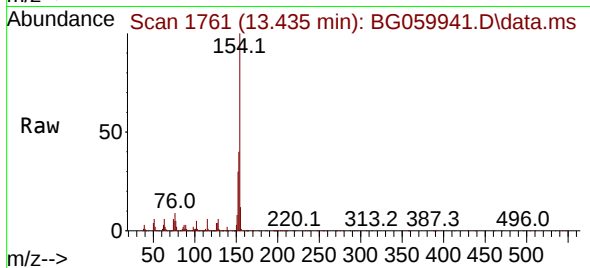
SSTDICC060

Tgt Ion:154 Resp: 113703  
Ion Ratio Lower Upper  
154 100  
153 40.1 20.8 60.8  
76 8.9 0.0 27.4

Manual Integrations

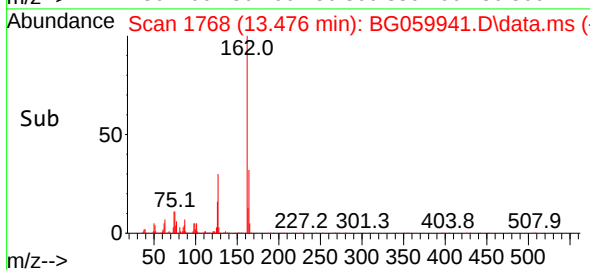
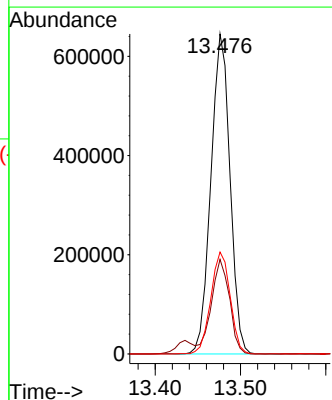
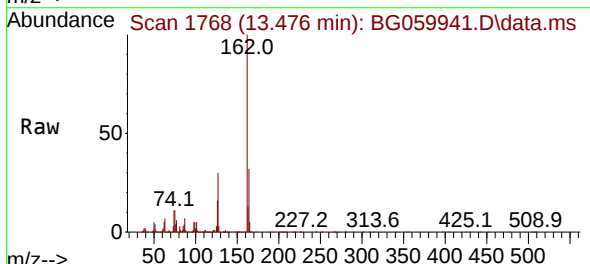
APPROVED

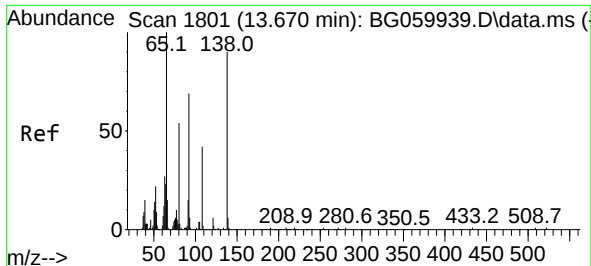
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023



#47  
2-Chloronaphthalene  
Concen: 65.349 ng  
RT: 13.476 min Scan# 1768  
Delta R.T. -0.000 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

Tgt Ion:162 Resp: 1002251  
Ion Ratio Lower Upper  
162 100  
127 29.6 22.6 33.8  
164 31.9 27.4 41.0





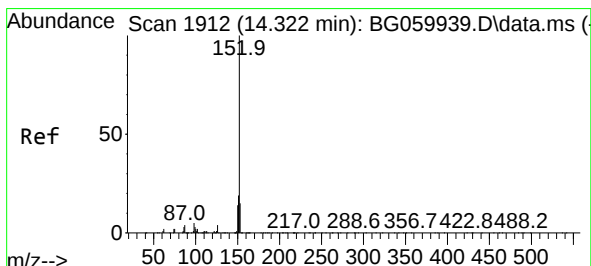
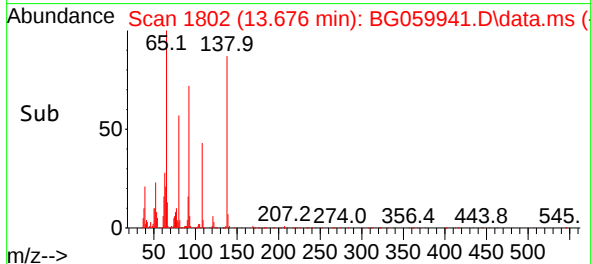
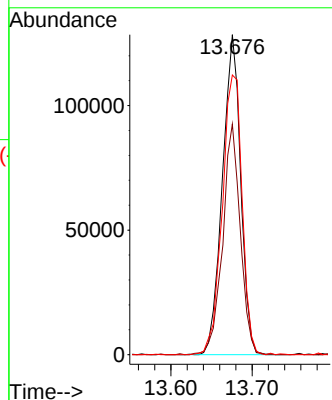
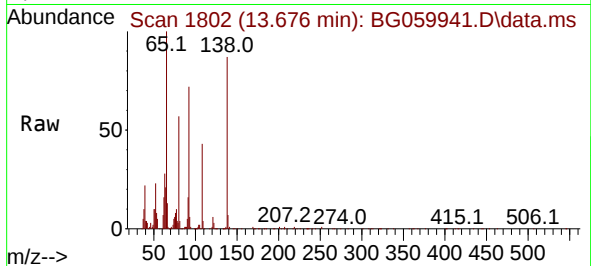
#48  
2-Nitroaniline  
Concen: 65.733 ng  
RT: 13.676 min Scan# 1801  
Delta R.T. 0.005 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

Tgt Ion: 65 Resp: 20048  
Ion Ratio Lower Upper  
65 100  
92 72.1 55.4 83.2  
138 87.4 71.8 107.6

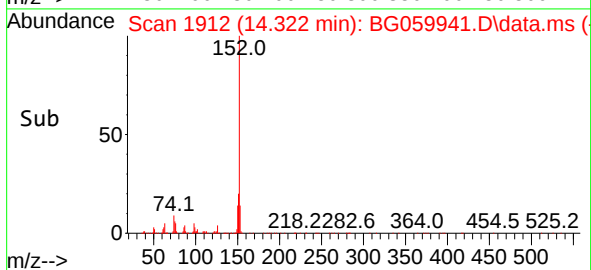
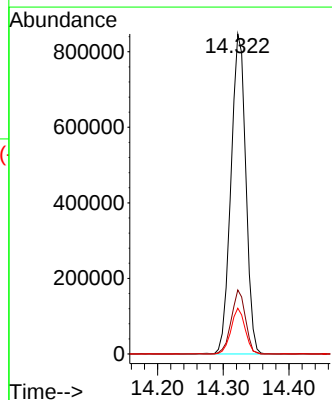
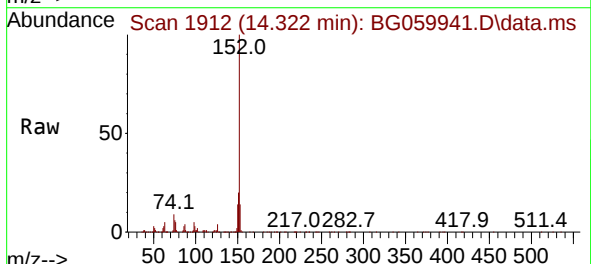
Manual Integrations  
APPROVED

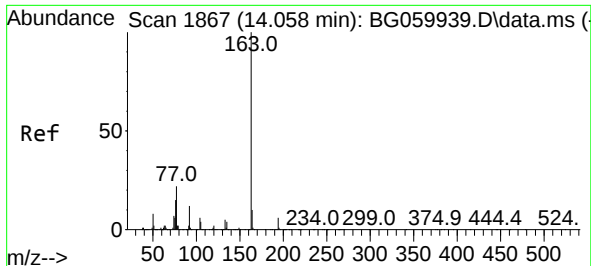
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023



#49  
Acenaphthylene  
Concen: 66.993 ng  
RT: 14.322 min Scan# 1912  
Delta R.T. -0.000 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

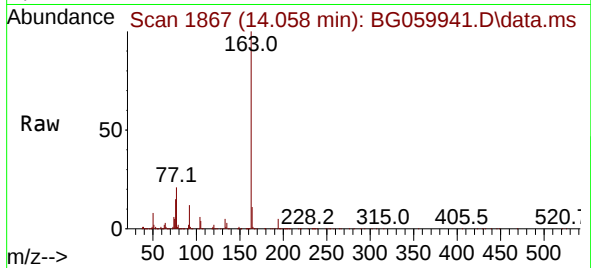
Tgt Ion:152 Resp: 1330976  
Ion Ratio Lower Upper  
152 100  
151 20.0 15.3 22.9  
153 14.3 11.7 17.5





#50  
Dimethylphthalate  
Concen: 62.586 ng  
RT: 14.058 min Scan# 1867  
Delta R.T. -0.000 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

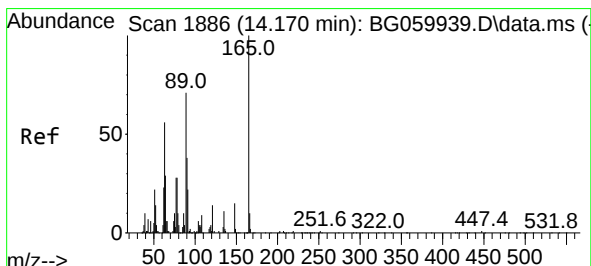
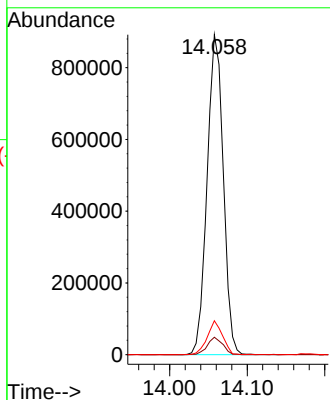
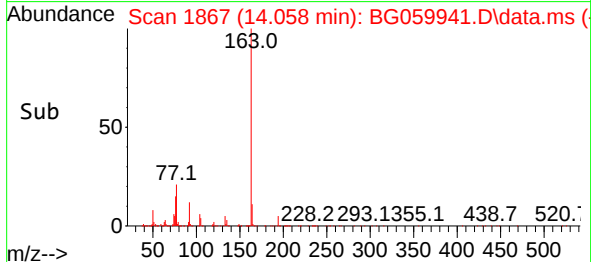
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



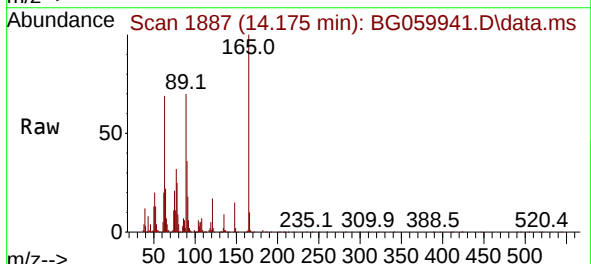
Tgt Ion:163 Resp: 1293692  
Ion Ratio Lower Upper  
163 100  
194 5.5 4.6 7.0  
164 10.6 8.1 12.1

Manual Integrations  
APPROVED

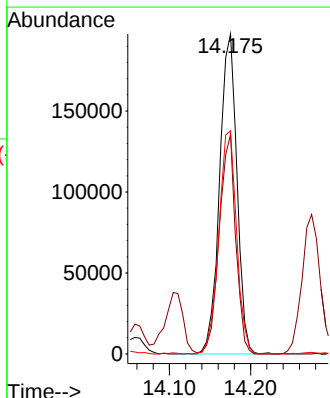
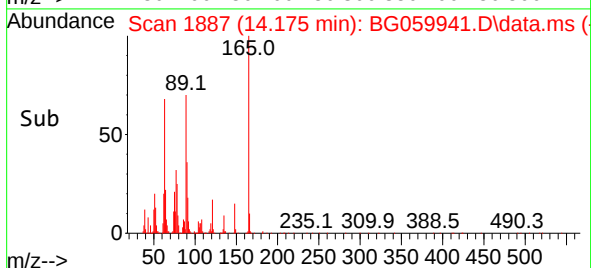
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023

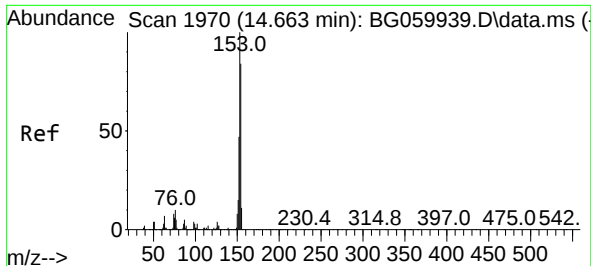


#51  
2,6-Dinitrotoluene  
Concen: 66.265 ng  
RT: 14.175 min Scan# 1887  
Delta R.T. 0.005 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26



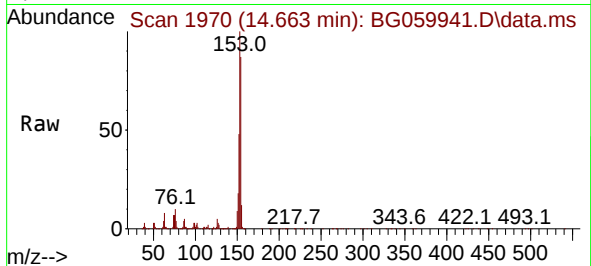
Tgt Ion:165 Resp: 292638  
Ion Ratio Lower Upper  
165 100  
63 68.6 47.2 70.8  
89 69.8 57.1 85.7





#52  
Acenaphthene  
Concen: 63.632 ng m  
RT: 14.663 min Scan# 1970  
Delta R.T. -0.000 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

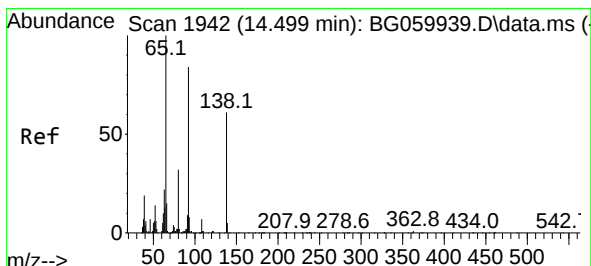
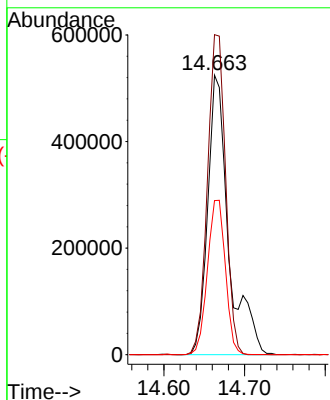
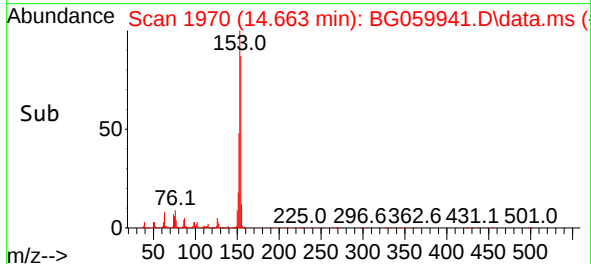
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



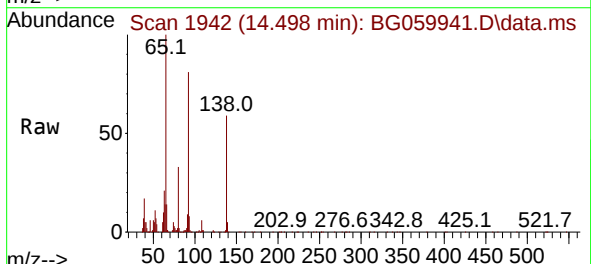
Tgt Ion:154 Resp: 947654  
Ion Ratio Lower Upper  
154 100  
153 114.5 95.8 143.6  
152 55.2 45.0 67.4

Manual Integrations  
APPROVED

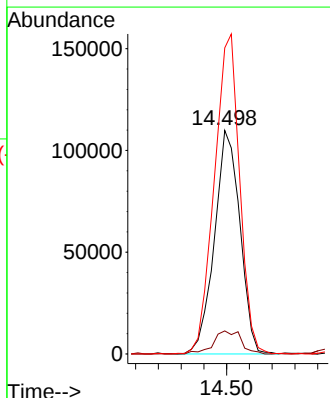
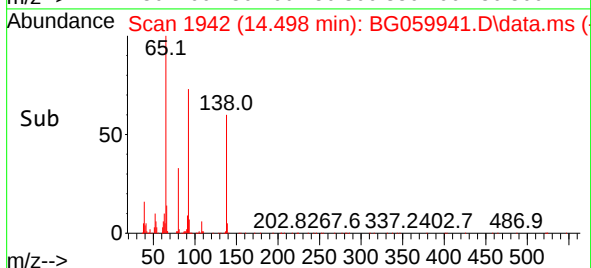
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023

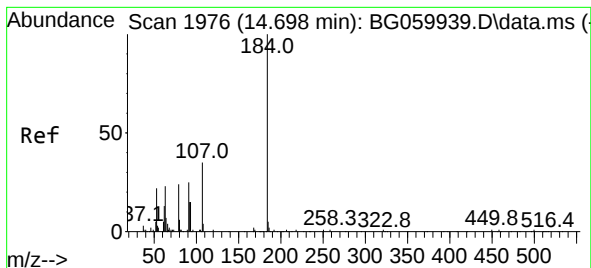


#53  
3-Nitroaniline  
Concen: 64.798 ng  
RT: 14.498 min Scan# 1942  
Delta R.T. -0.000 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26



Tgt Ion:138 Resp: 171236  
Ion Ratio Lower Upper  
138 100  
108 10.3 9.6 14.4  
92 136.9 109.8 164.6





#54  
2,4-Dinitrophenol  
Concen: 68.430 ng  
RT: 14.698 min Scan# 1976  
Delta R.T. -0.000 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

Instrument :

BNA\_G

ClientSampleId :

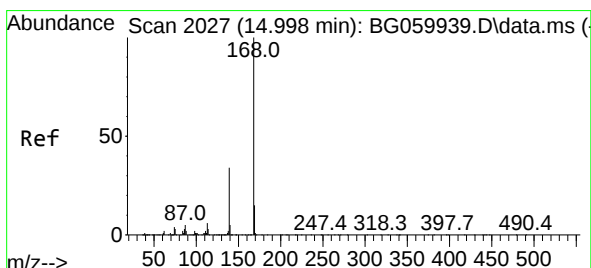
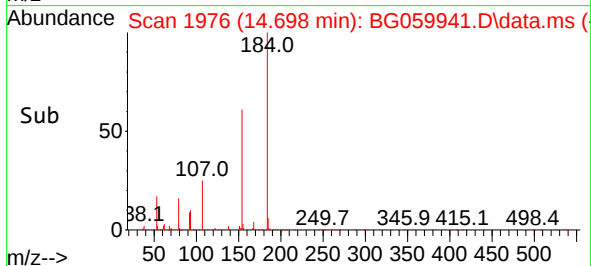
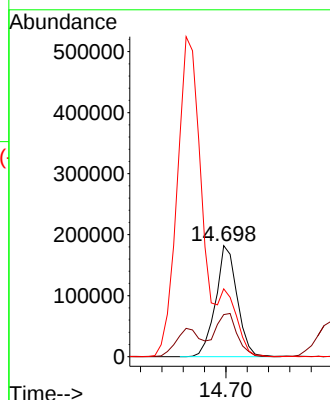
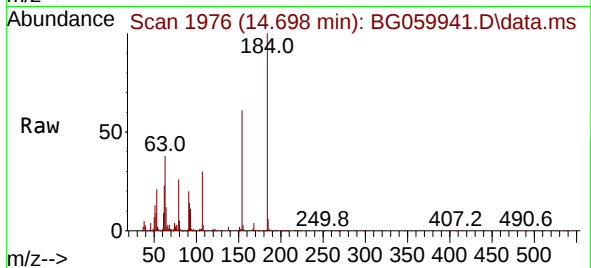
SSTDICC060

Tgt Ion:184 Resp: 253784  
Ion Ratio Lower Upper  
184 100  
63 37.9 38.2 57.4  
154 61.1 52.6 78.8

Manual Integrations

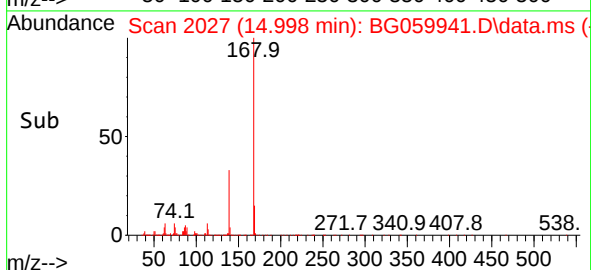
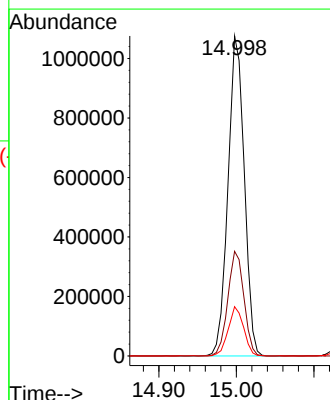
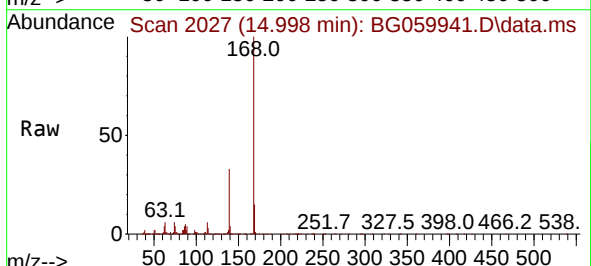
APPROVED

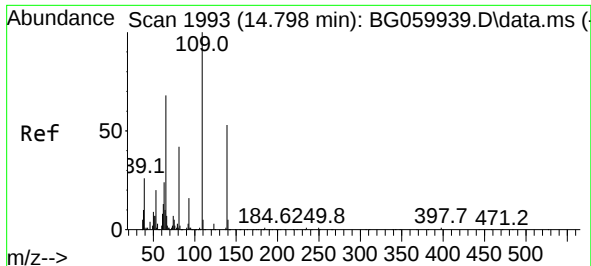
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023



#55  
Dibenzofuran  
Concen: 60.106 ng  
RT: 14.998 min Scan# 2027  
Delta R.T. -0.000 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

Tgt Ion:168 Resp: 1575099  
Ion Ratio Lower Upper  
168 100  
139 32.7 27.0 40.6  
169 15.4 11.6 17.4





#56  
4-Nitrophenol  
Concen: 72.399 ng  
RT: 14.798 min Scan# 1993  
Delta R.T. -0.000 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

Instrument :

BNA\_G

ClientSampleId :

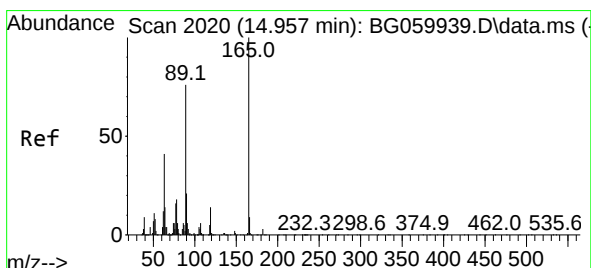
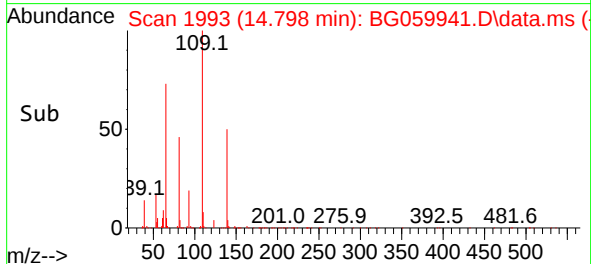
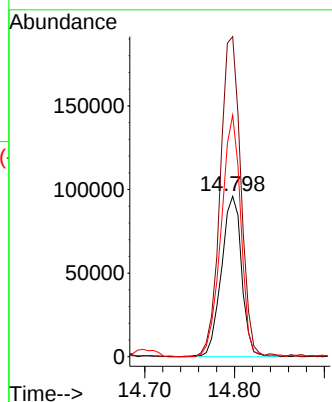
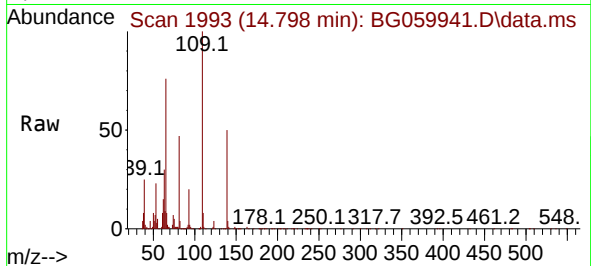
SSTDICC060

Tgt Ion:139 Resp: 149919  
Ion Ratio Lower Upper  
139 100  
109 199.5 167.9 207.9  
65 150.7 108.1 148.1

Manual Integrations

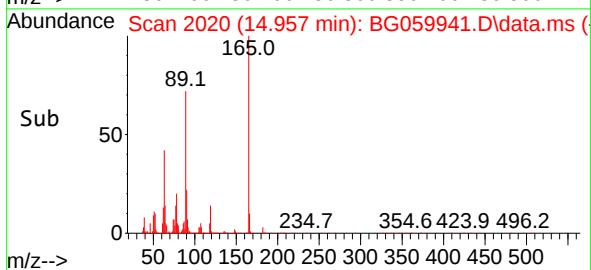
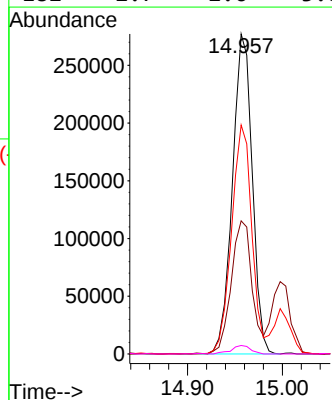
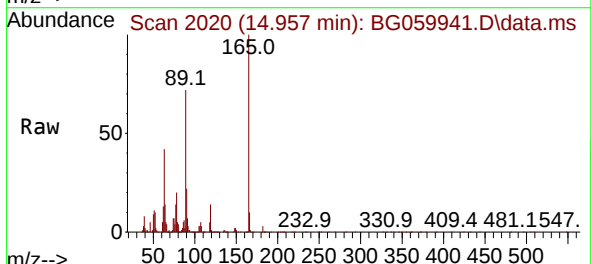
APPROVED

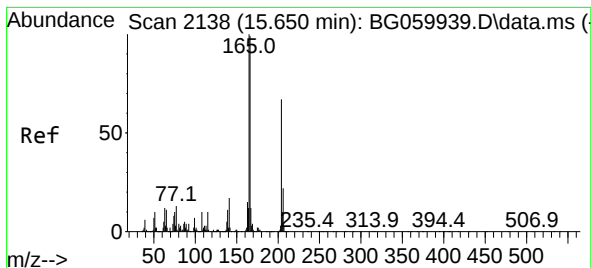
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023



#57  
2,4-Dinitrotoluene  
Concen: 61.353 ng  
RT: 14.957 min Scan# 2020  
Delta R.T. -0.000 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

Tgt Ion:165 Resp: 402084  
Ion Ratio Lower Upper  
165 100  
63 41.6 32.8 49.2  
89 71.6 60.6 90.8  
182 2.7 2.6 3.8





#58

Fluorene

Concen: 58.728 ng

RT: 15.650 min Scan# 2138

Delta R.T. -0.000 min

Lab File: BG059941.D

Acq: 4 Dec 2023 21:26

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

Tgt Ion:166 Resp: 135474

Ion Ratio Lower Upper

166 100

165 102.1 80.6 121.0

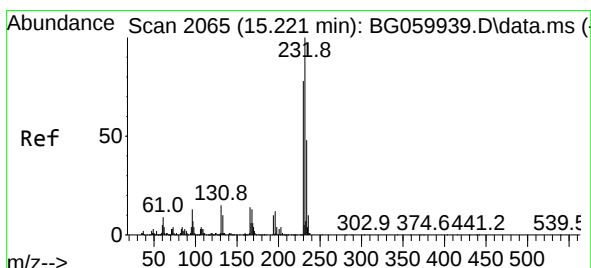
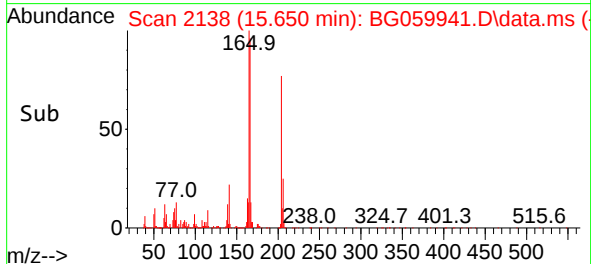
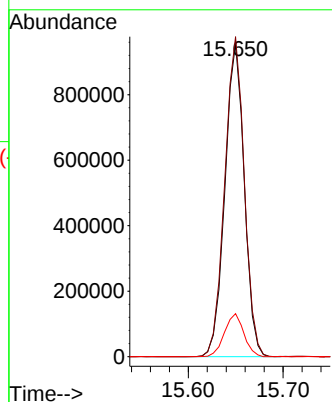
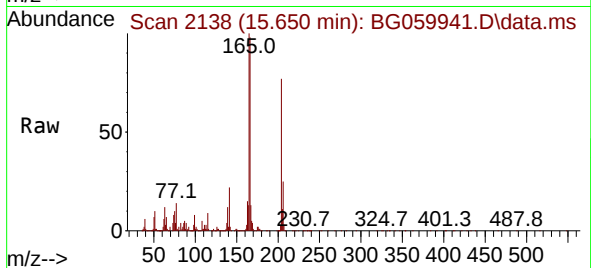
167 13.8 9.9 14.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/05/2023

Supervised By :mohammad ahmed 12/06/2023



#59

2,3,4,6-Tetrachlorophenol

Concen: 60.376 ng

RT: 15.221 min Scan# 2065

Delta R.T. -0.000 min

Lab File: BG059941.D

Acq: 4 Dec 2023 21:26

Tgt Ion:232 Resp: 714536

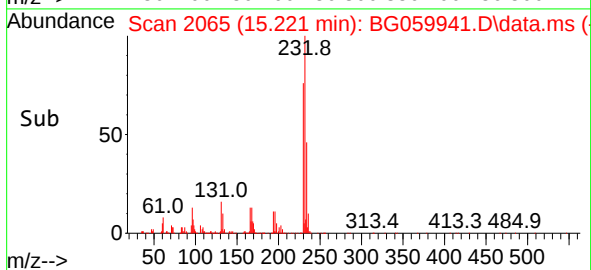
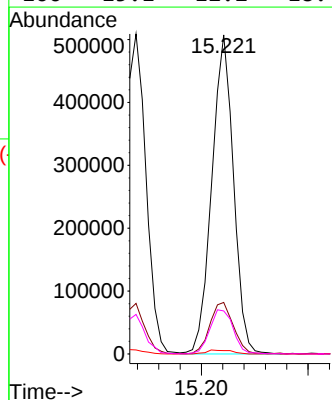
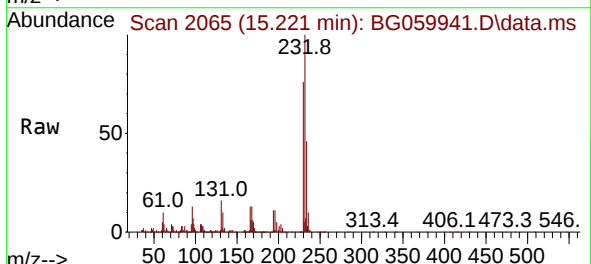
Ion Ratio Lower Upper

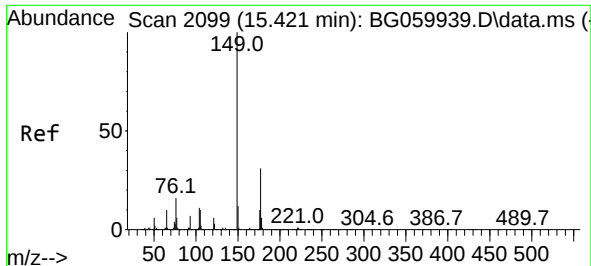
232 100

131 17.4 14.8 22.2

130 1.4 1.2 1.8

166 15.1 12.2 18.4





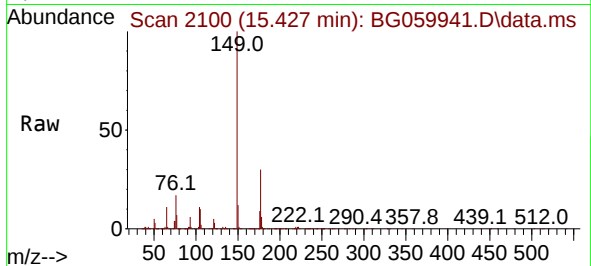
#60  
Diethylphthalate  
Concen: 63.199 ng  
RT: 15.427 min Scan# 2100  
Delta R.T. 0.005 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060



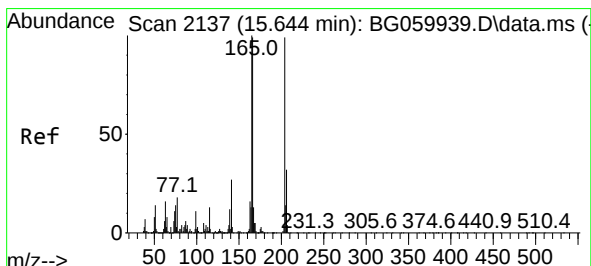
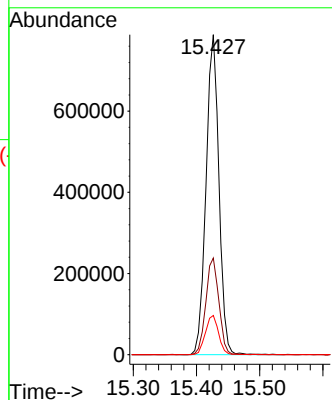
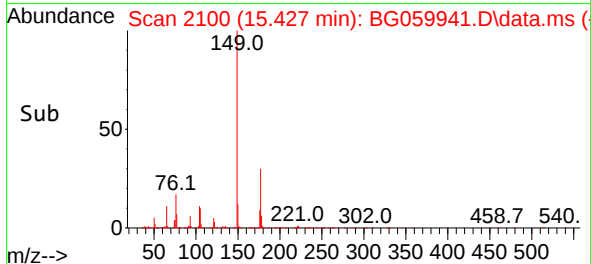
Tgt Ion:149 Resp: 111578  
Ion Ratio Lower Upper  
149 100  
177 30.2 24.6 37.0  
150 12.2 9.6 14.4

Manual Integrations

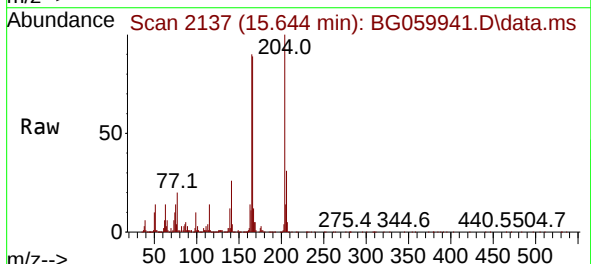
APPROVED

Reviewed By :Yogesh Patel 12/05/2023

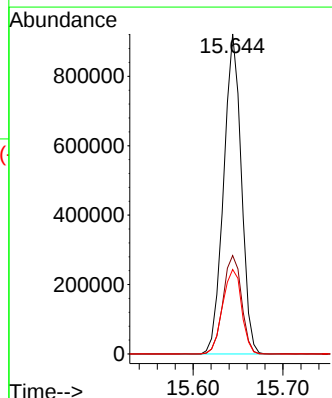
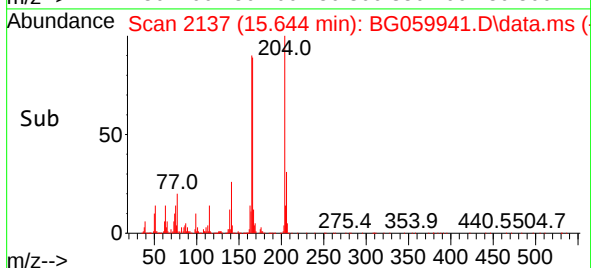
Supervised By :mohammad ahmed 12/06/2023

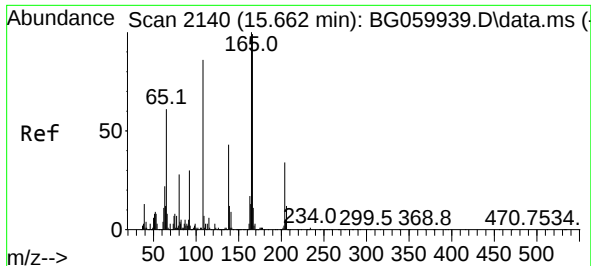


#61  
4-Chlorophenyl-phenylether  
Concen: 61.536 ng  
RT: 15.644 min Scan# 2137  
Delta R.T. -0.000 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26



Tgt Ion:204 Resp: 1258121  
Ion Ratio Lower Upper  
204 100  
206 30.8 25.8 38.8  
141 26.4 21.4 32.2





#62  
4-Nitroaniline  
Concen: 63.110 ng  
RT: 15.673 min Scan# 2140  
Delta R.T. 0.011 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

Instrument :

BNA\_G

ClientSampleId :

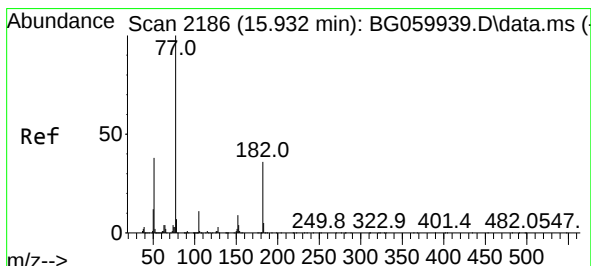
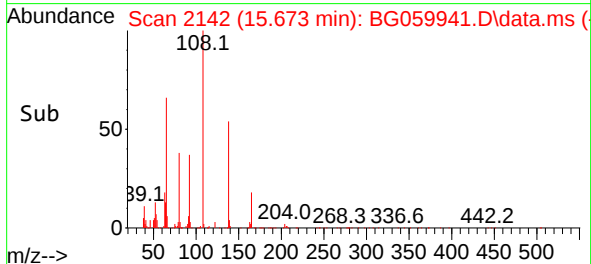
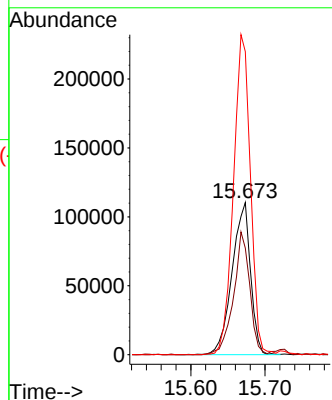
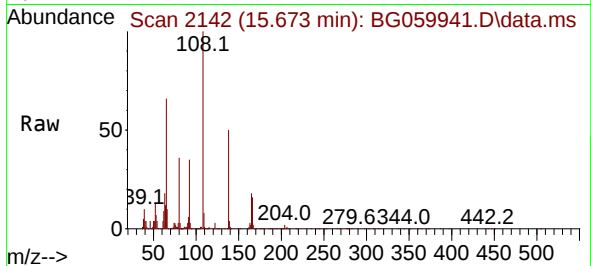
SSTDICC060

Tgt Ion:138 Resp: 190999  
Ion Ratio Lower Upper  
138 100  
92 70.0 50.8 90.8  
108 199.2 181.0 221.0

Manual Integrations

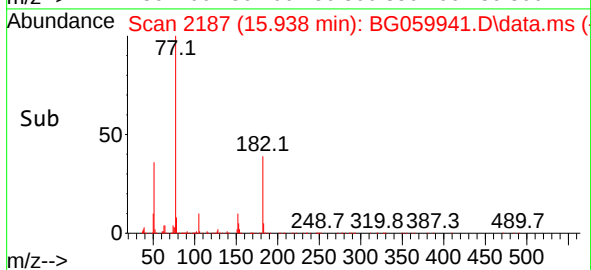
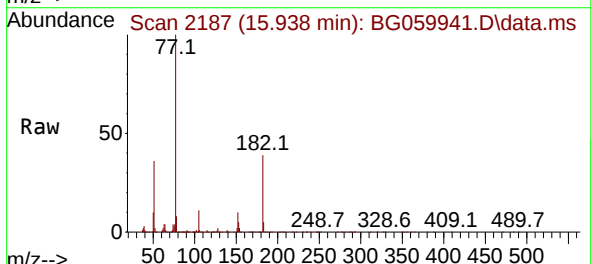
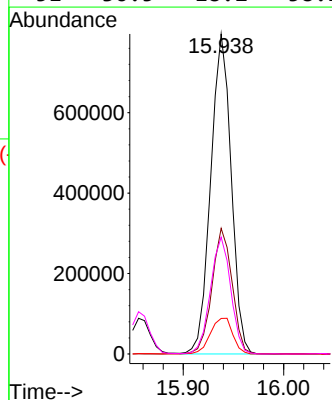
APPROVED

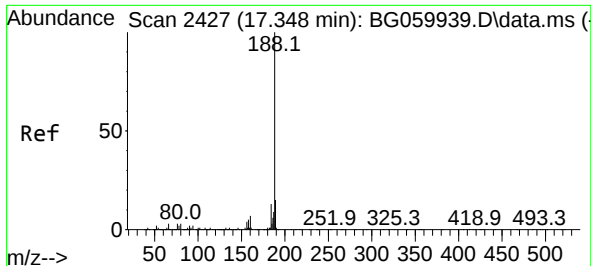
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023



#63  
Azobenzene  
Concen: 62.328 ng  
RT: 15.938 min Scan# 2187  
Delta R.T. 0.005 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

Tgt Ion: 77 Resp: 1125046  
Ion Ratio Lower Upper  
77 100  
182 39.3 15.7 55.7  
105 11.1 0.0 31.5  
51 36.5 18.2 58.2





#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.348 min Scan# 2427  
Delta R.T. -0.000 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

Instrument :

BNA\_G

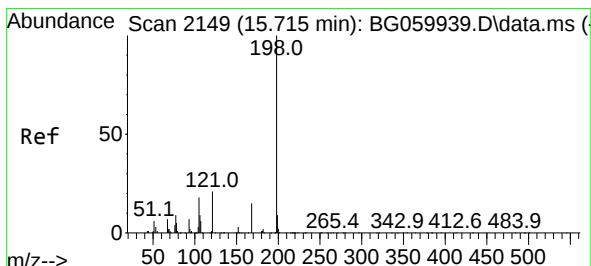
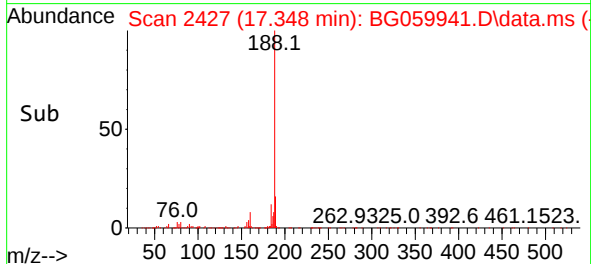
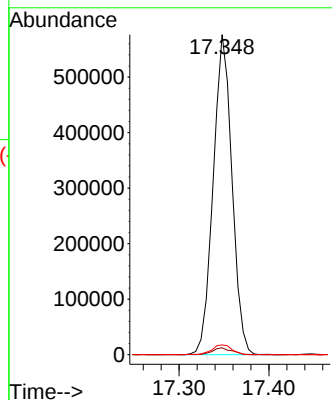
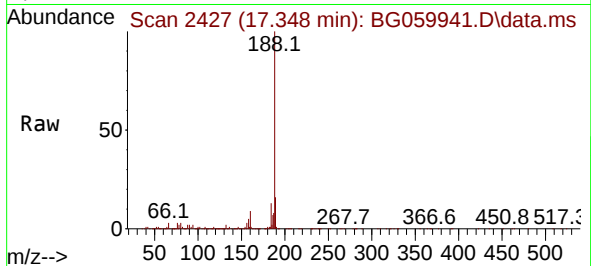
ClientSampleId :

SSTDICC060

Tgt Ion:188 Resp: 836809  
Ion Ratio Lower Upper  
188 100  
94 2.1 1.8 2.6  
80 3.0 2.2 3.4

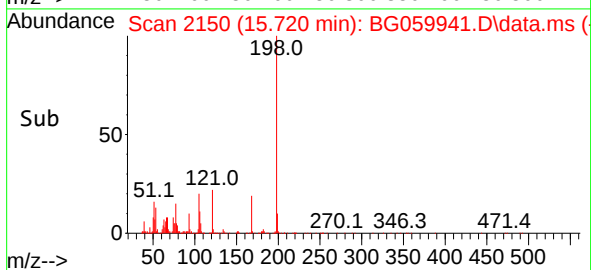
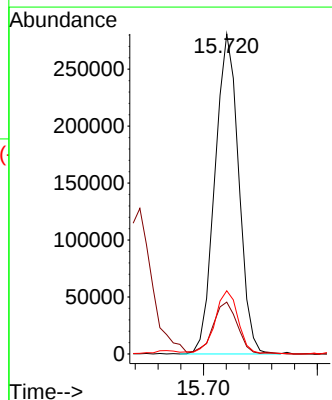
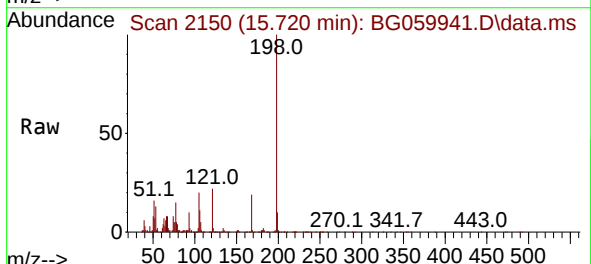
Manual Integrations  
APPROVED

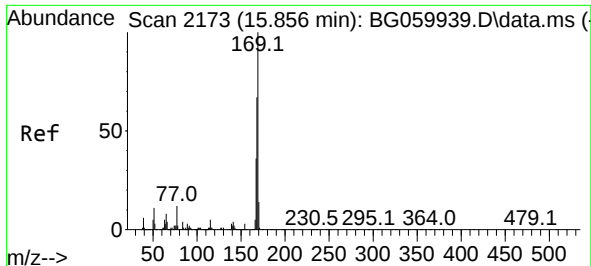
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023



#65  
4,6-Dinitro-2-methylphenol  
Concen: 63.766 ng  
RT: 15.720 min Scan# 2150  
Delta R.T. 0.005 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

Tgt Ion:198 Resp: 407519  
Ion Ratio Lower Upper  
198 100  
51 16.2 0.0 34.4  
105 19.8 0.0 39.0





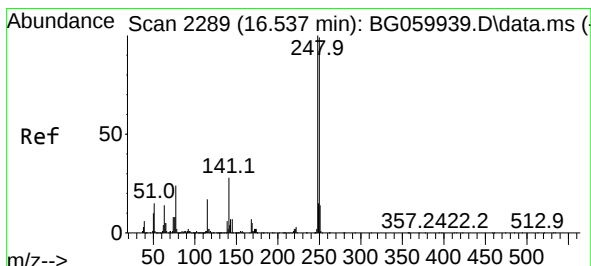
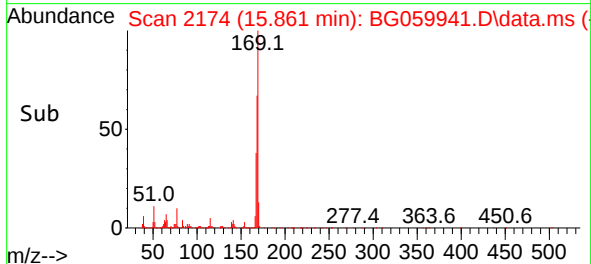
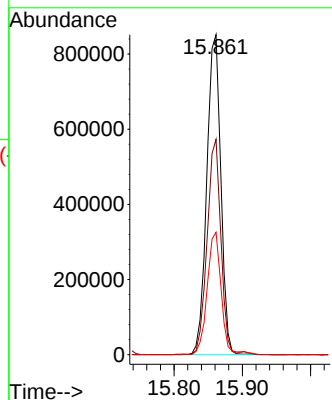
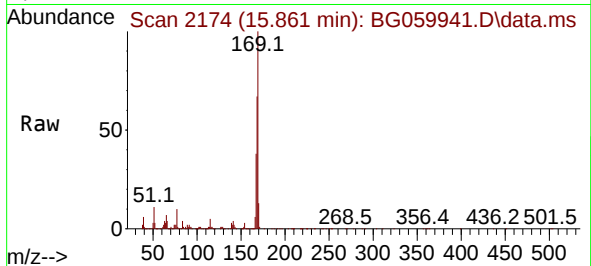
#66  
n-Nitrosodiphenylamine  
Concen: 67.083 ng  
RT: 15.861 min Scan# 2173  
Delta R.T. 0.005 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

Tgt Ion:169 Resp: 121902  
Ion Ratio Lower Upper  
169 100  
168 67.3 53.5 80.3  
167 38.3 29.2 43.8

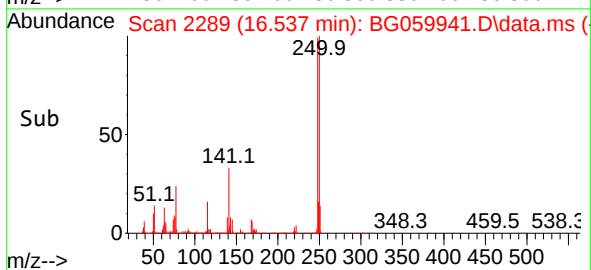
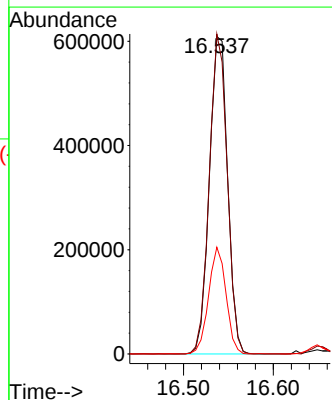
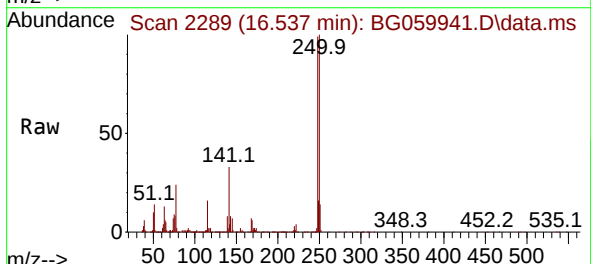
Manual Integrations  
APPROVED

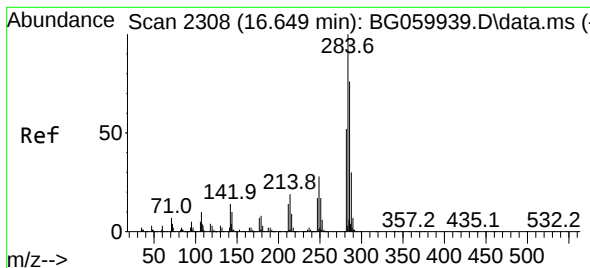
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023



#67  
4-Bromophenyl-phenylether  
Concen: 53.828 ng  
RT: 16.537 min Scan# 2289  
Delta R.T. -0.000 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

Tgt Ion:248 Resp: 859563  
Ion Ratio Lower Upper  
248 100  
250 100.7 79.0 118.4  
141 33.6 22.3 33.5#





#68

Hexachlorobenzene

Concen: 54.928 ng

RT: 16.649 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG059941.D

Acq: 4 Dec 2023 21:26

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

Tgt Ion:284 Resp: 974250

Ion Ratio Lower Upper

284 100

142 16.0 11.4 17.0

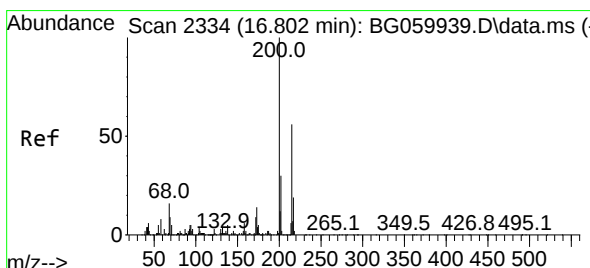
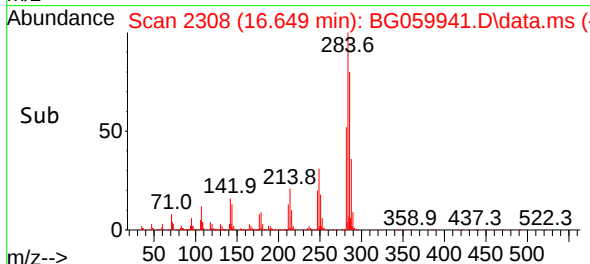
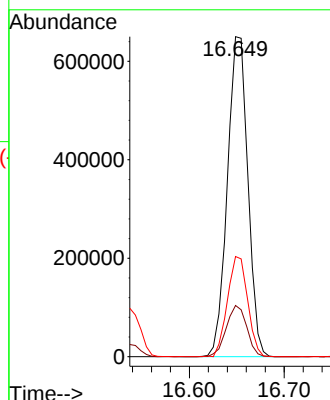
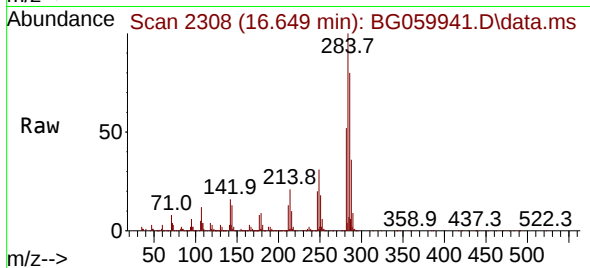
249 31.3 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/05/2023

Supervised By :mohammad ahmed 12/06/2023



#69

Atrazine

Concen: 54.466 ng

RT: 16.807 min Scan# 2335

Delta R.T. 0.005 min

Lab File: BG059941.D

Acq: 4 Dec 2023 21:26

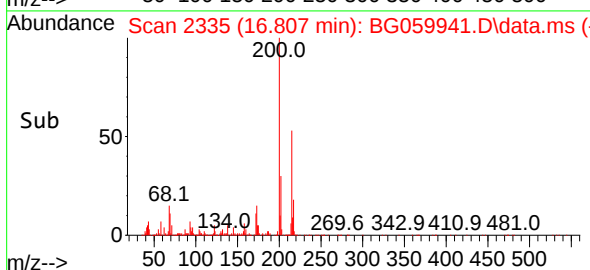
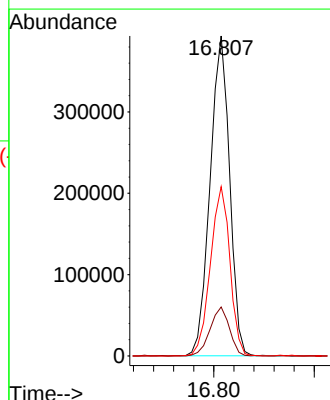
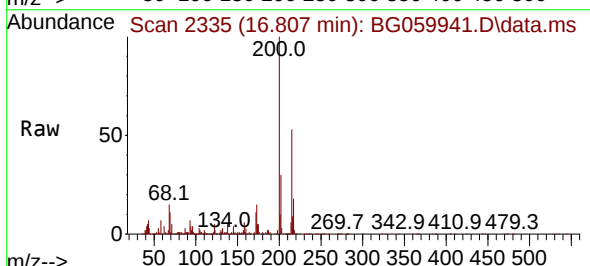
Tgt Ion:200 Resp: 531036

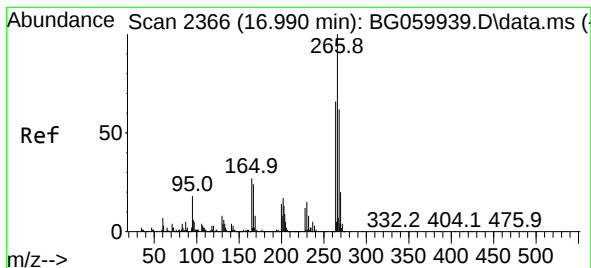
Ion Ratio Lower Upper

200 100

173 15.3 0.0 34.0

215 52.9 36.5 76.5





#70

Pentachlorophenol

Concen: 56.805 ng

RT: 16.989 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG059941.D

Acq: 4 Dec 2023 21:26

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

Tgt Ion:266 Resp: 681662

Ion Ratio Lower Upper

266 100

268 61.8 49.3 73.9

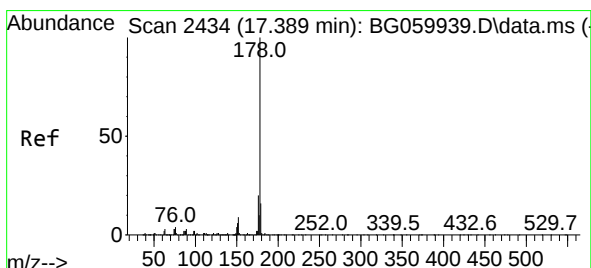
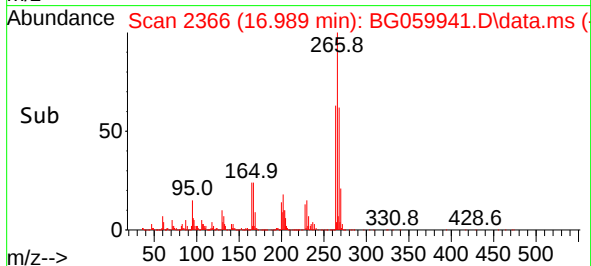
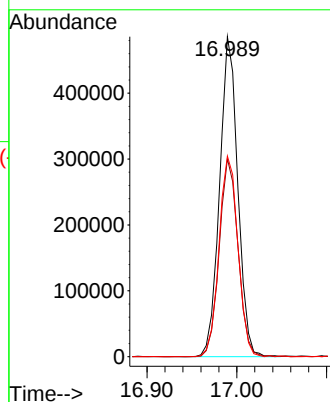
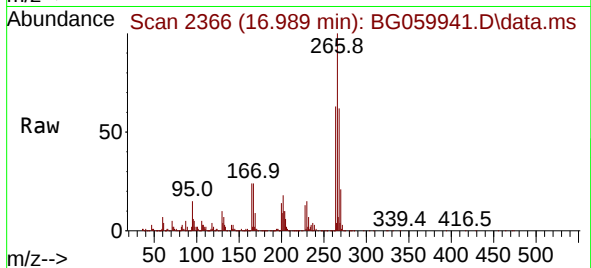
264 62.7 53.2 79.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/05/2023

Supervised By :mohammad ahmed 12/06/2023



#71

Phenanthrene

Concen: 59.668 ng

RT: 17.395 min Scan# 2435

Delta R.T. 0.005 min

Lab File: BG059941.D

Acq: 4 Dec 2023 21:26

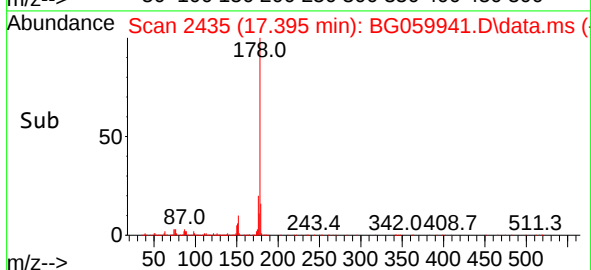
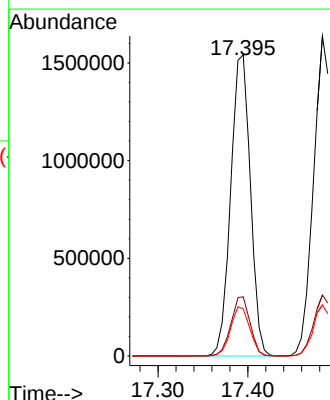
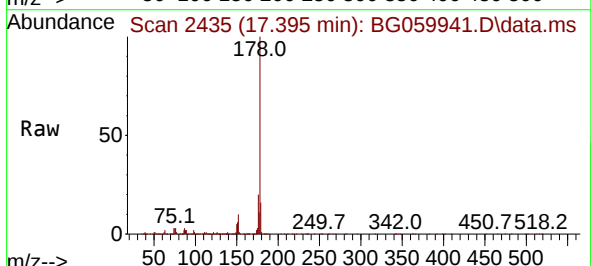
Tgt Ion:178 Resp: 2340753

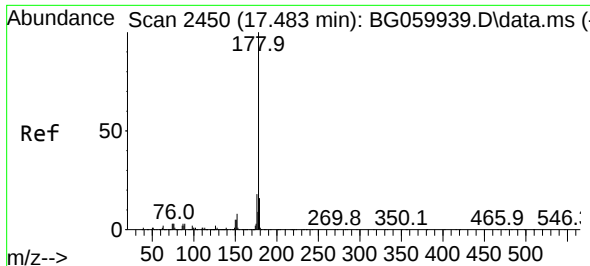
Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

179 15.7 12.6 19.0





#72  
 Anthracene  
 Concen: 59.451 ng  
 RT: 17.483 min Scan# 2450  
 Delta R.T. -0.000 min  
 Lab File: BG059941.D  
 Acq: 4 Dec 2023 21:26

Instrument :

BNA\_G

ClientSampleId :

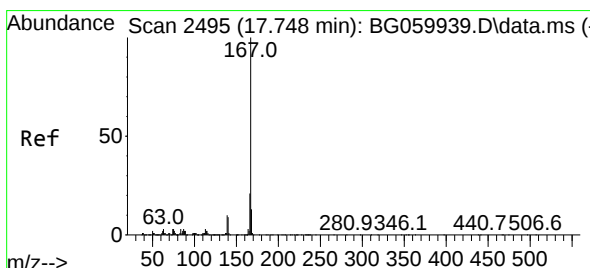
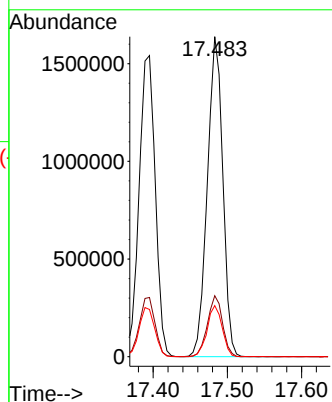
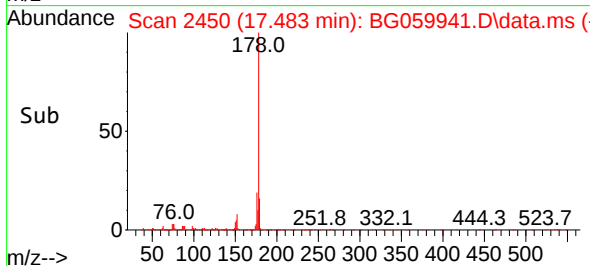
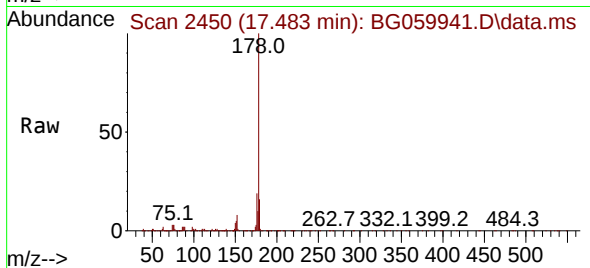
SSTDICC060

Tgt Ion:178 Resp: 2375120  
 Ion Ratio Lower Upper  
 178 100  
 176 19.1 14.7 22.1  
 179 16.0 13.2 19.8

Manual Integrations

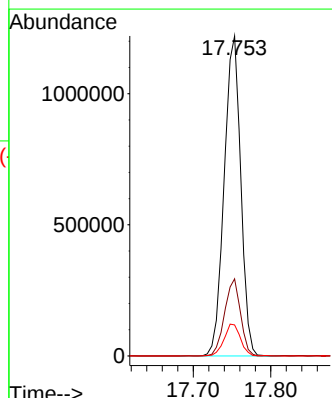
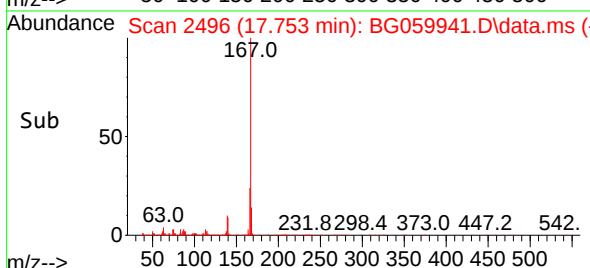
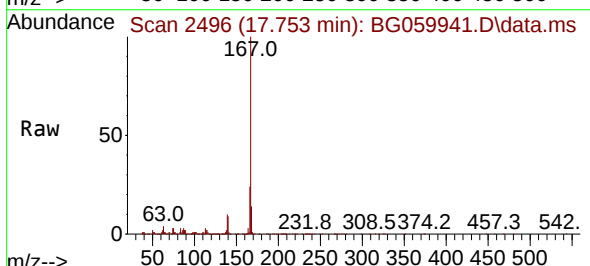
APPROVED

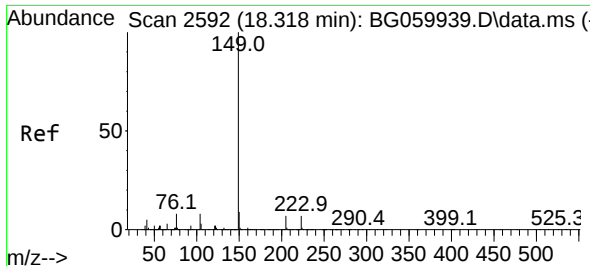
Reviewed By :Yogesh Patel 12/05/2023  
 Supervised By :mohammad ahmed 12/06/2023



#73  
 Carbazole  
 Concen: 61.698 ng  
 RT: 17.753 min Scan# 2496  
 Delta R.T. 0.005 min  
 Lab File: BG059941.D  
 Acq: 4 Dec 2023 21:26

Tgt Ion:167 Resp: 1813496  
 Ion Ratio Lower Upper  
 167 100  
 166 24.1 16.7 25.1  
 139 9.7 8.0 12.0





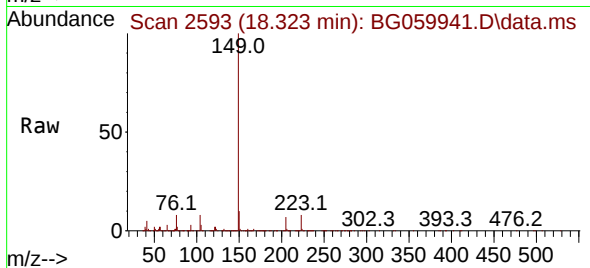
#74  
Di-n-butylphthalate  
Concen: 64.275 ng  
RT: 18.323 min Scan# 21  
Delta R.T. 0.005 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060



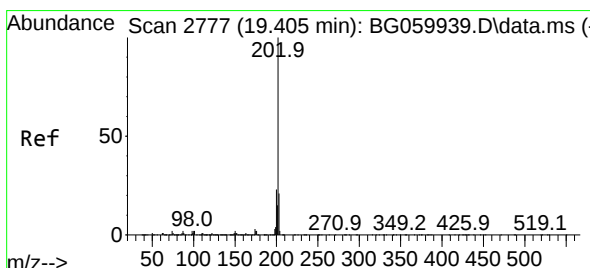
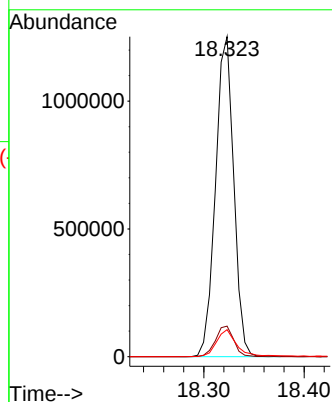
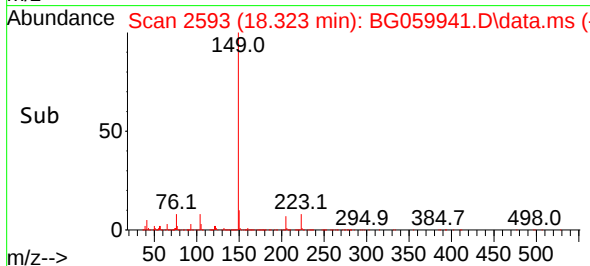
Tgt Ion:149 Resp: 1575450  
Ion Ratio Lower Upper  
149 100  
150 9.6 7.4 11.0  
104 8.5 6.2 9.2

Manual Integrations

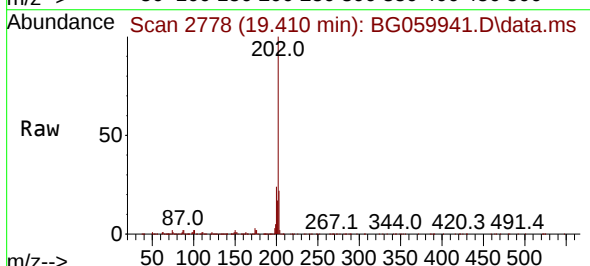
APPROVED

Reviewed By :Yogesh Patel 12/05/2023

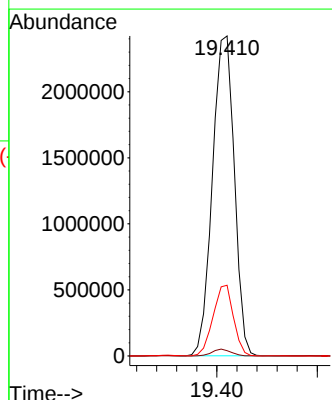
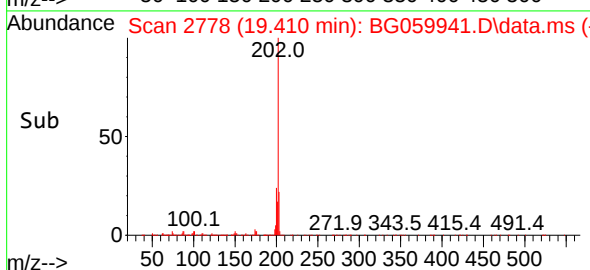
Supervised By :mohammad ahmed 12/06/2023

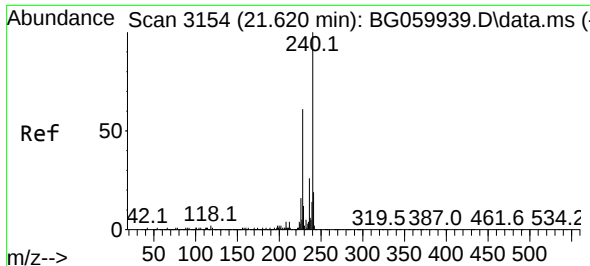


#75  
Fluoranthene  
Concen: 55.014 ng  
RT: 19.410 min Scan# 2778  
Delta R.T. 0.005 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26



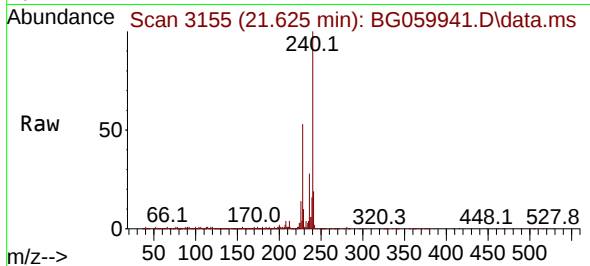
Tgt Ion:202 Resp: 3666578  
Ion Ratio Lower Upper  
202 100  
101 1.6 0.0 21.6  
203 22.1 0.9 40.9





#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.625 min Scan# 3155  
Delta R.T. 0.005 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

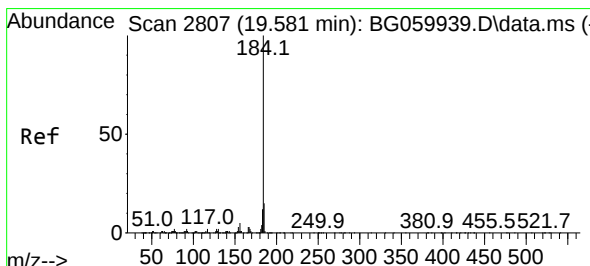
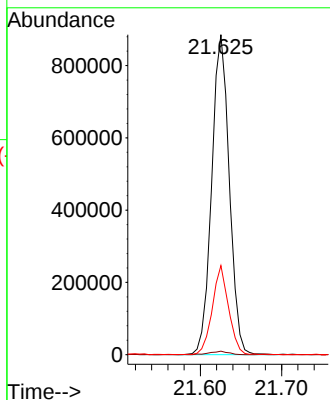
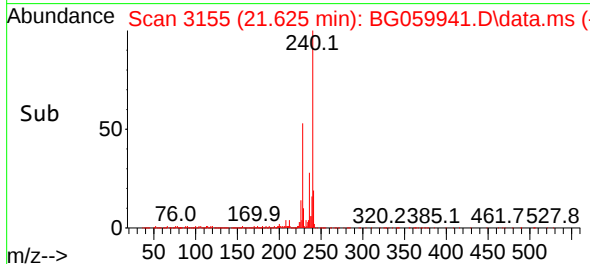
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



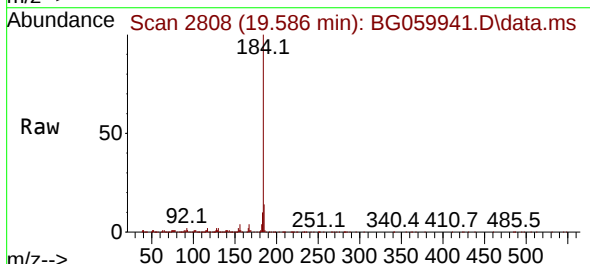
Tgt Ion:240 Resp: 1332998  
Ion Ratio Lower Upper  
240 100  
120 1.1 1.0 1.4  
236 27.9 20.8 31.2

Manual Integrations  
APPROVED

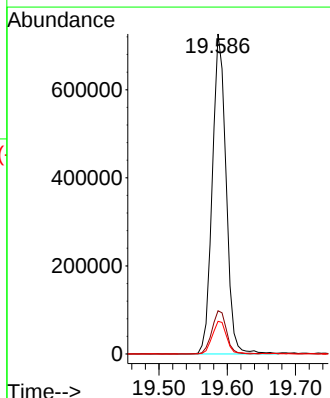
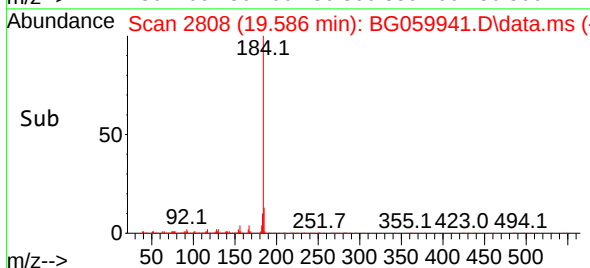
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023

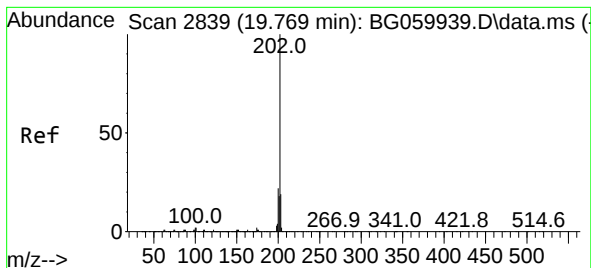


#77  
Benzidine  
Concen: 74.826 ng  
RT: 19.586 min Scan# 2808  
Delta R.T. 0.005 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26



Tgt Ion:184 Resp: 1022557  
Ion Ratio Lower Upper  
184 100  
185 13.5 12.0 18.0  
183 10.2 9.7 14.5





#78

Pyrene

Concen: 50.887 ng

RT: 19.410 min Scan# 21

Delta R.T. -0.359 min

Lab File: BG059941.D

Acq: 4 Dec 2023 21:26

Instrument :

BNA\_G

ClientSampleId :

SSTDICC060

Tgt Ion:202 Resp: 3666578

Ion Ratio Lower Upper

202 100

200 24.1 17.8 26.6

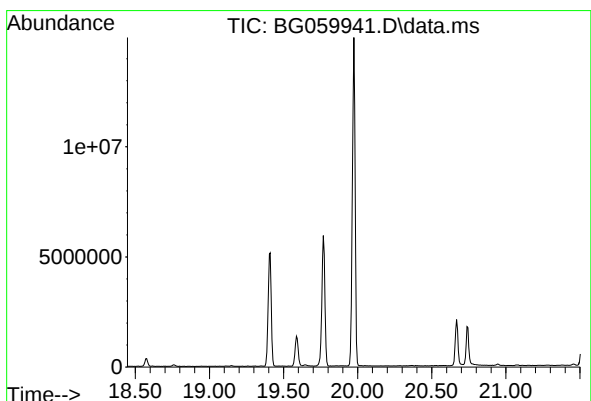
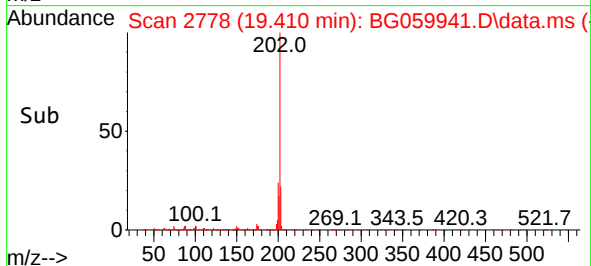
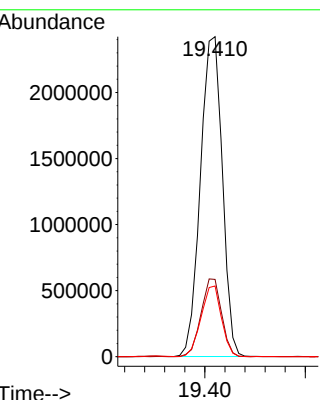
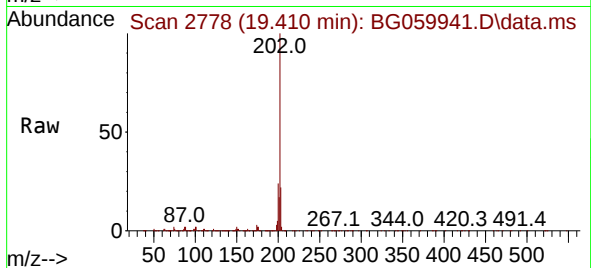
203 22.1 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/05/2023

Supervised By :mohammad ahmed 12/06/2023



#79

Terphenyl-d14

Concen: 0.000 ng

Expected RT: 19.97 min

Lab File: BG059941.D

Acq: 4 Dec 2023 21:26

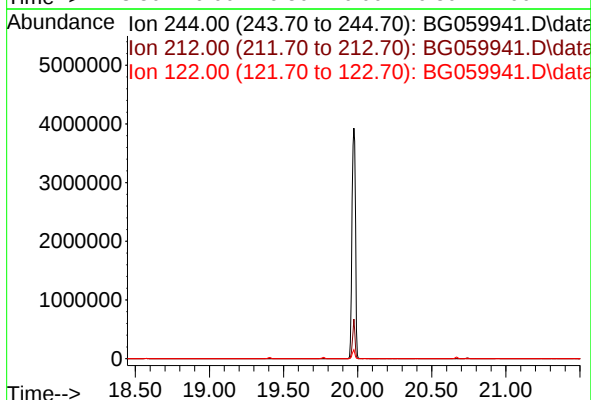
Tgt Ion: 244

Sig Exp Ratio

244 100

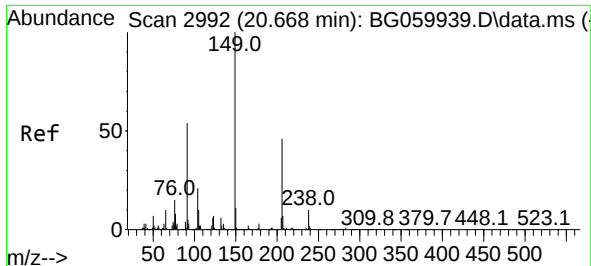
212 10.8

122 2.6



Ion 212.00 (211.70 to 212.70): BG059941.D\data.ms

Ion 122.00 (121.70 to 122.70): BG059941.D\data.ms



#80  
Butylbenzylphthalate  
Concen: 61.735 ng  
RT: 20.668 min Scan# 2992  
Delta R.T. -0.000 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

Instrument :

BNA\_G

ClientSampleId :

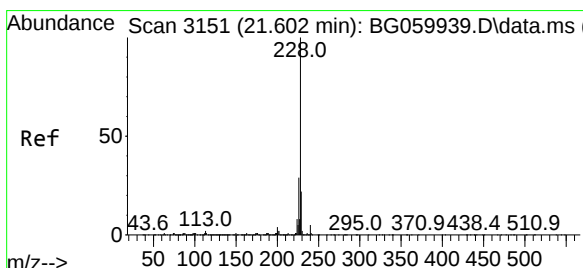
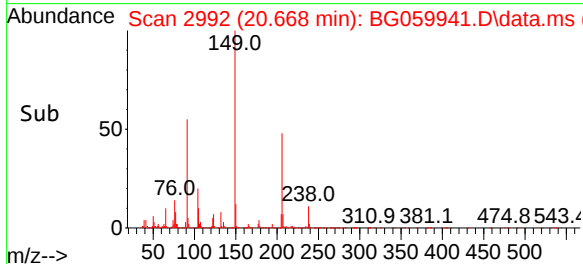
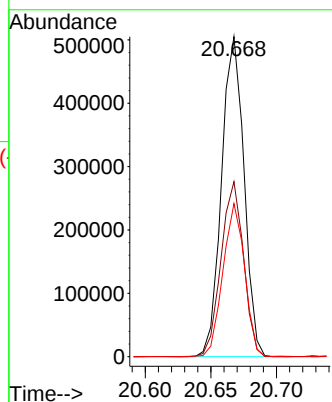
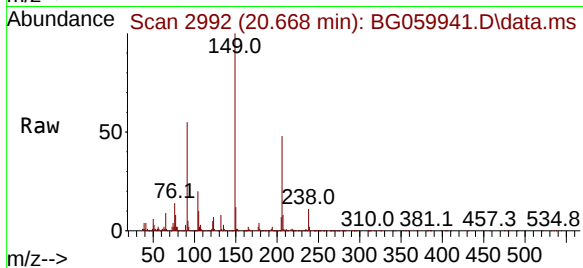
SSTDICC060

Tgt Ion:149 Resp: 599108  
Ion Ratio Lower Upper  
149 100  
91 54.7 42.9 64.3  
206 47.9 36.7 55.1

Manual Integrations

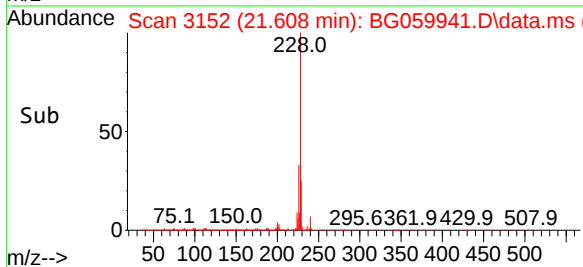
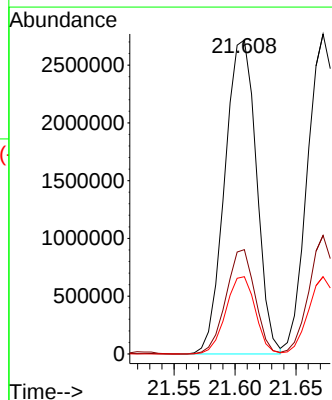
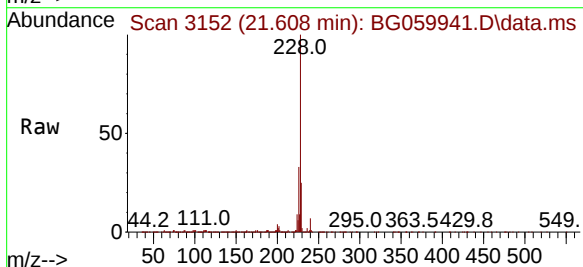
APPROVED

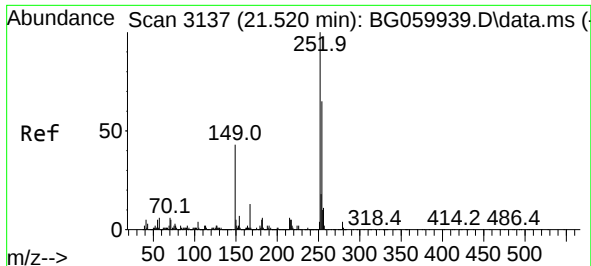
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023



#81  
Benzo(a)anthracene  
Concen: 55.526 ng  
RT: 21.608 min Scan# 3152  
Delta R.T. 0.005 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

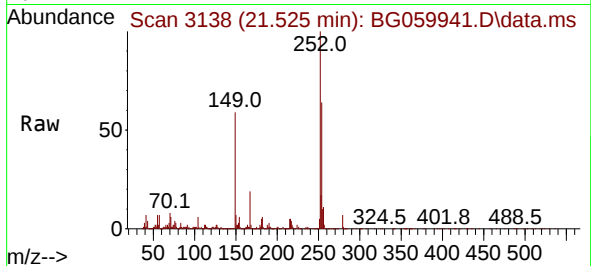
Tgt Ion:228 Resp: 4906199  
Ion Ratio Lower Upper  
228 100  
226 33.2 23.4 35.2  
229 24.6 17.4 26.2





#82  
3,3'-Dichlorobenzidine  
Concen: 60.560 ng  
RT: 21.525 min Scan# 3137  
Delta R.T. 0.005 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

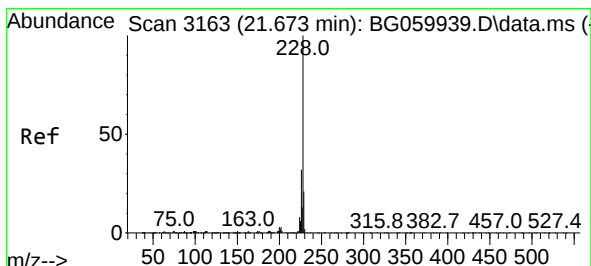
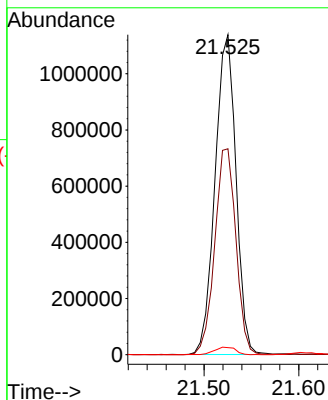
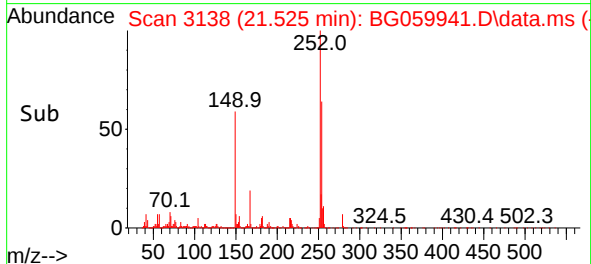
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



Tgt Ion:252 Resp: 1748108  
Ion Ratio Lower Upper  
252 100  
254 64.4 51.9 77.9  
126 2.2 1.4 2.2

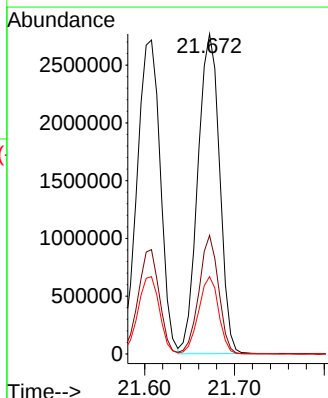
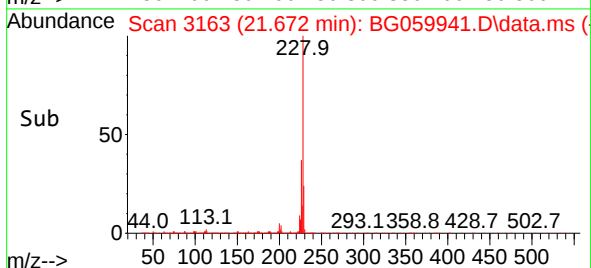
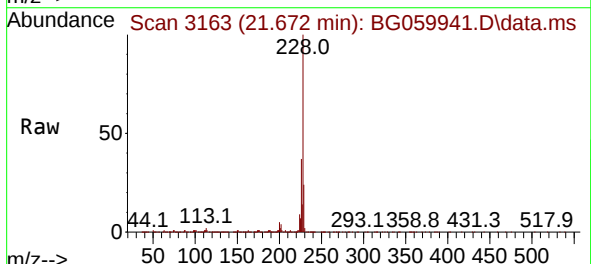
Manual Integrations  
APPROVED

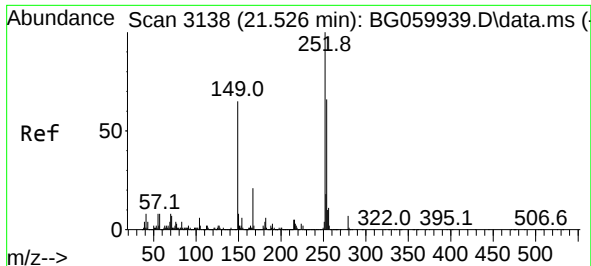
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023



#83  
Chrysene  
Concen: 55.515 ng  
RT: 21.672 min Scan# 3163  
Delta R.T. -0.000 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

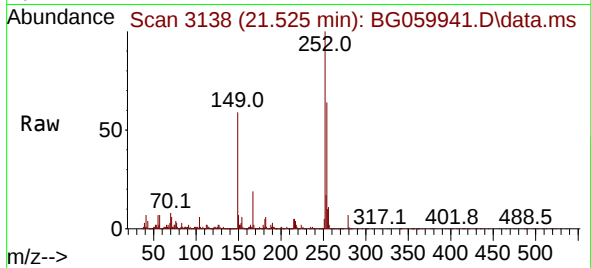
Tgt Ion:228 Resp: 4644296  
Ion Ratio Lower Upper  
228 100  
226 37.1 25.4 38.2  
229 24.2 17.1 25.7





#84  
Bis(2-ethylhexyl)phthalate  
Concen: 65.433 ng  
RT: 21.525 min Scan# 3138  
Delta R.T. -0.000 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

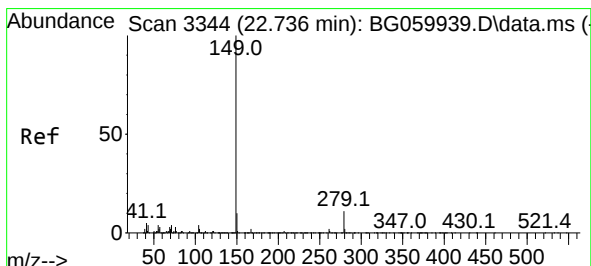
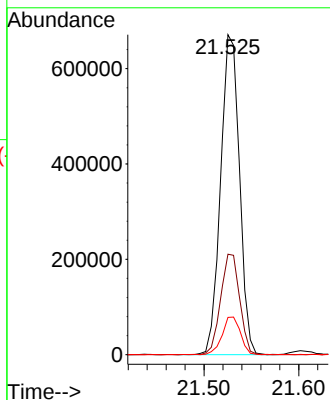
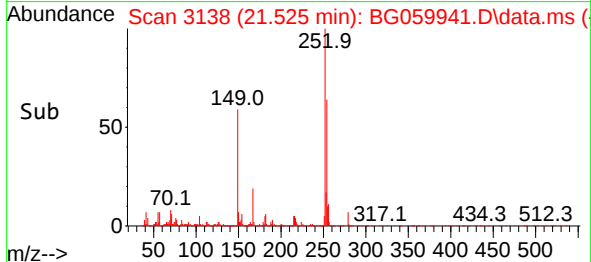
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



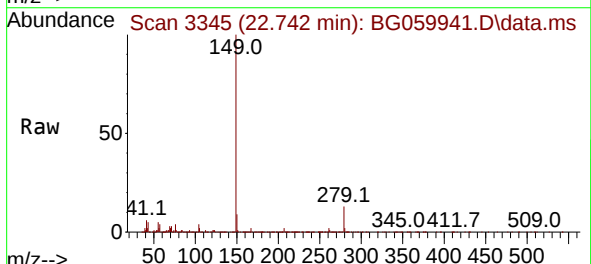
Tgt Ion:149 Resp: 926272  
Ion Ratio Lower Upper  
149 100  
167 31.4 26.1 39.1  
279 11.6 8.6 12.8

Manual Integrations  
APPROVED

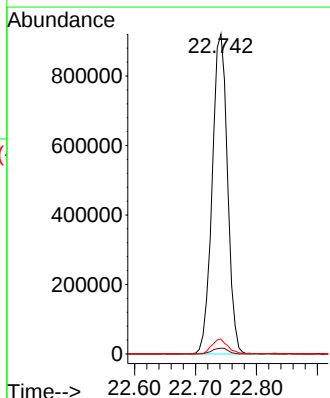
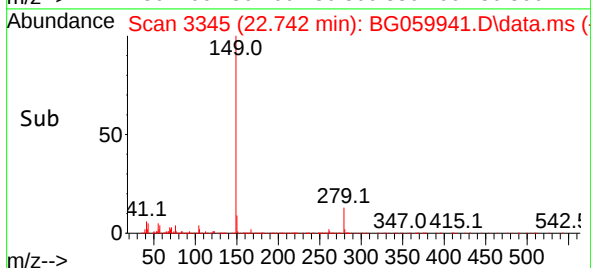
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023

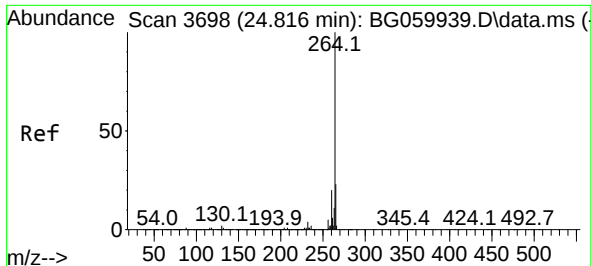


#85  
Di-n-octyl phthalate  
Concen: 63.598 ng  
RT: 22.742 min Scan# 3345  
Delta R.T. 0.005 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26



Tgt Ion:149 Resp: 1604278  
Ion Ratio Lower Upper  
149 100  
167 1.9 1.7 2.5  
43 5.0 3.6 5.4





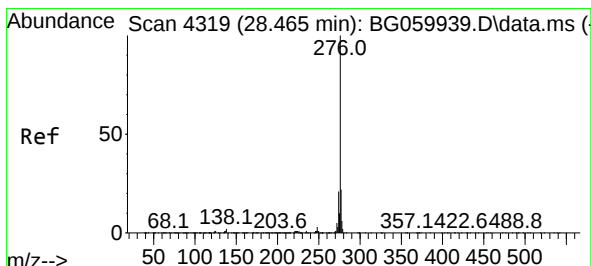
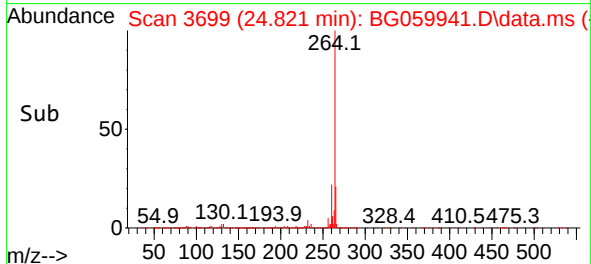
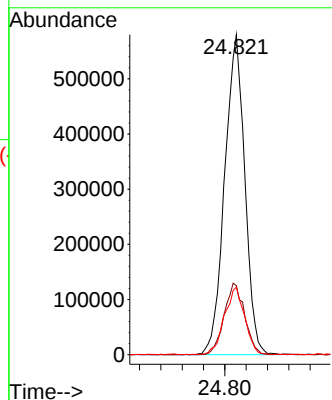
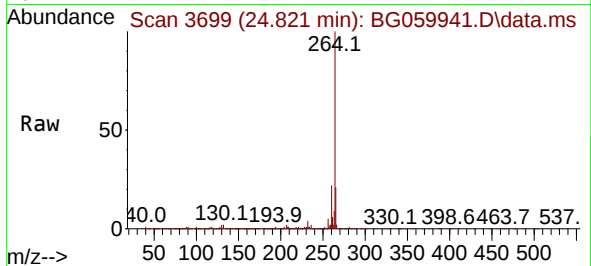
#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.821 min Scan# 30  
Delta R.T. 0.005 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060

Tgt Ion:264 Resp: 1521300  
Ion Ratio Lower Upper  
264 100  
260 21.5 15.8 23.6  
265 21.1 18.1 27.1

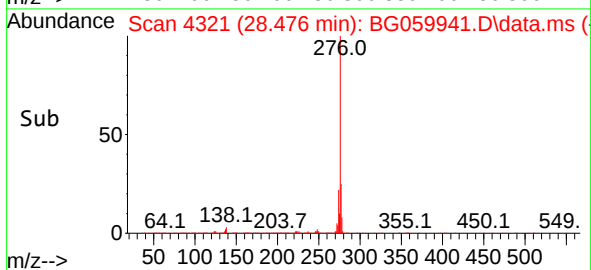
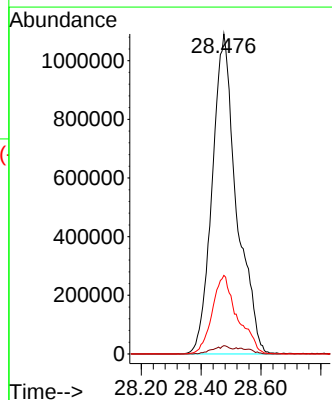
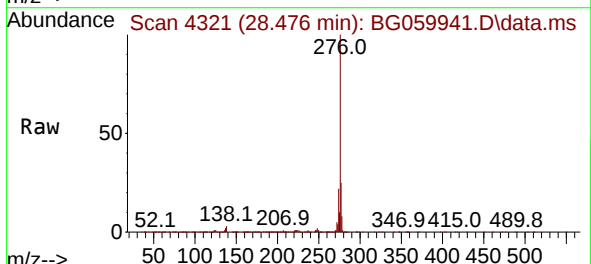
Manual Integrations  
APPROVED

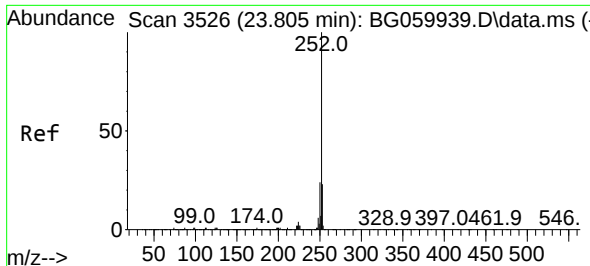
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023



#87  
Indeno(1,2,3-cd)pyrene  
Concen: 54.994 ng  
RT: 28.476 min Scan# 4321  
Delta R.T. 0.011 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

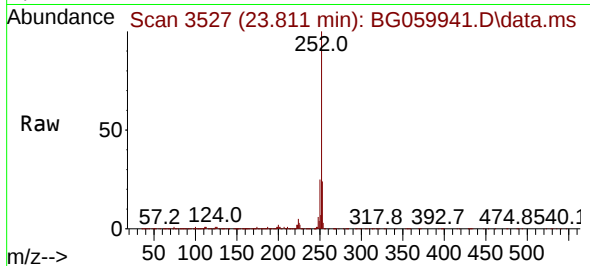
Tgt Ion:276 Resp: 6189600  
Ion Ratio Lower Upper  
276 100  
138 1.9 0.0 0.0#  
277 25.3 19.9 29.9





#88  
Benzo(b)fluoranthene  
Concen: 57.349 ng  
RT: 23.811 min Scan# 3526  
Delta R.T. 0.005 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

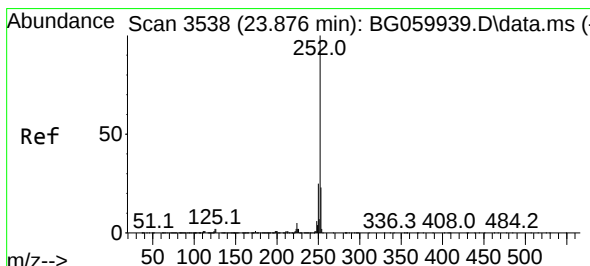
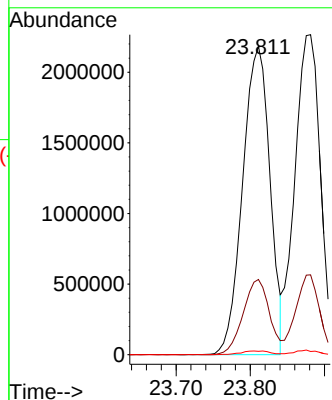
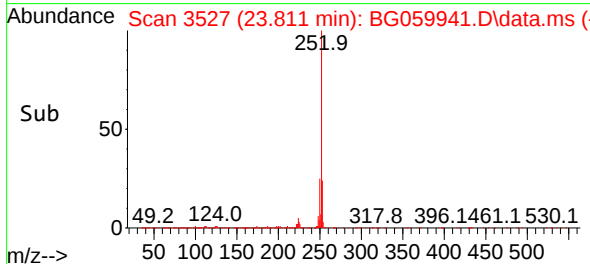
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



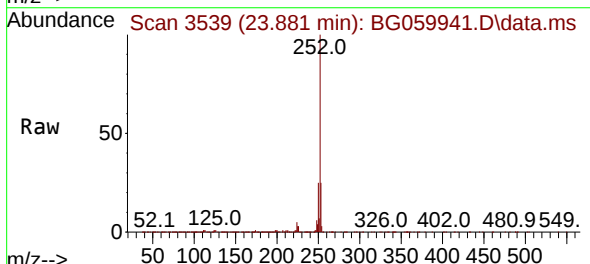
Tgt Ion:252 Resp: 5575940  
Ion Ratio Lower Upper  
252 100  
253 24.4 18.5 27.7  
125 1.1 1.2 1.8

Manual Integrations  
APPROVED

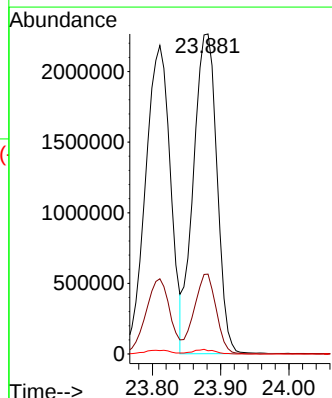
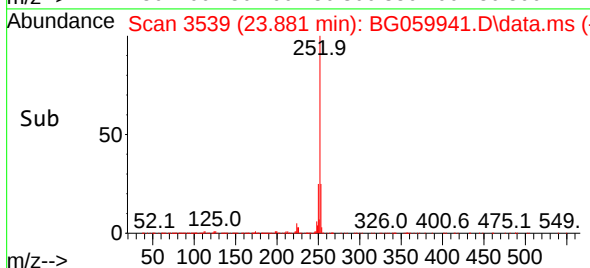
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023

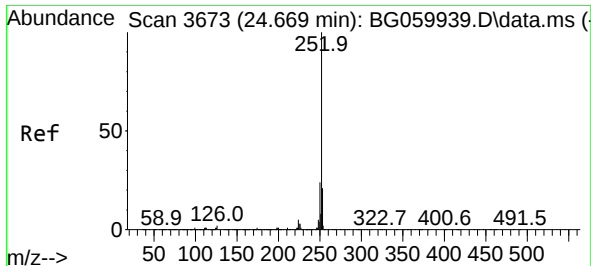


#89  
Benzo(k)fluoranthene  
Concen: 57.781 ng  
RT: 23.881 min Scan# 3539  
Delta R.T. 0.005 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26



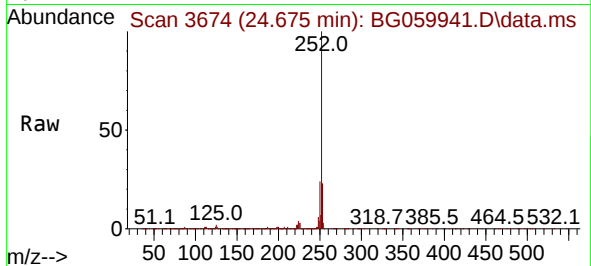
Tgt Ion:252 Resp: 5421176  
Ion Ratio Lower Upper  
252 100  
253 25.0 18.3 27.5  
125 1.0 1.3 1.9





#90  
Benzo(a)pyrene  
Concen: 60.524 ng  
RT: 24.675 min Scan# 30  
Delta R.T. 0.005 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26

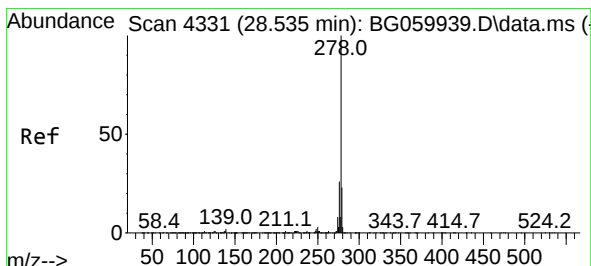
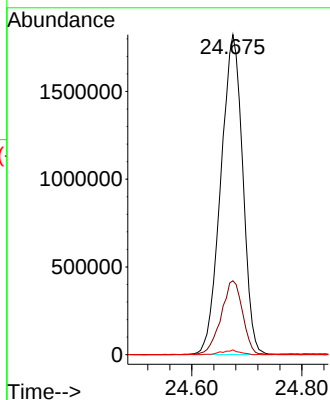
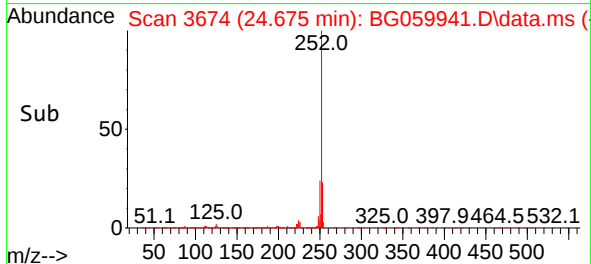
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC060



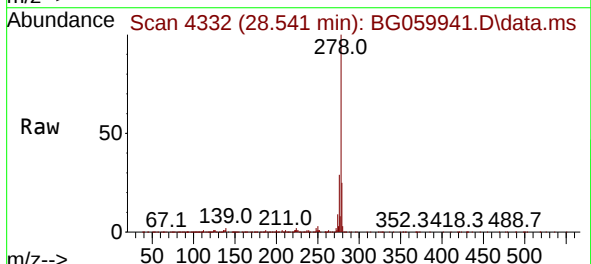
Tgt Ion:252 Resp: 503638  
Ion Ratio Lower Upper  
252 100  
253 23.1 17.0 25.6  
125 1.5 0.9 1.3

Manual Integrations  
APPROVED

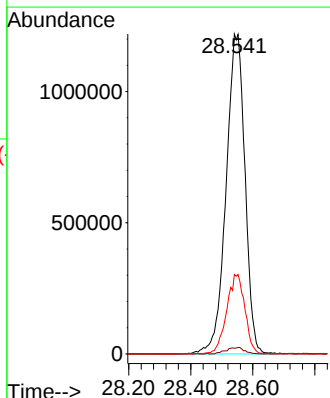
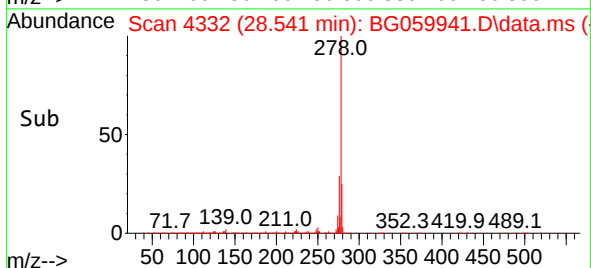
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023

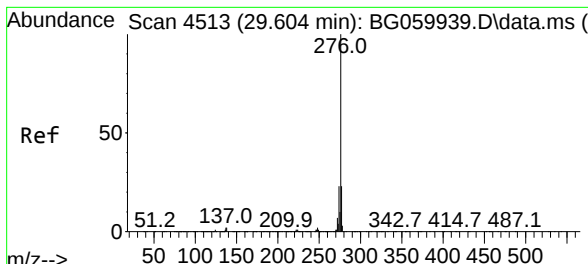


#91  
Dibenzo(a,h)anthracene  
Concen: 53.697 ng  
RT: 28.541 min Scan# 4332  
Delta R.T. 0.005 min  
Lab File: BG059941.D  
Acq: 4 Dec 2023 21:26



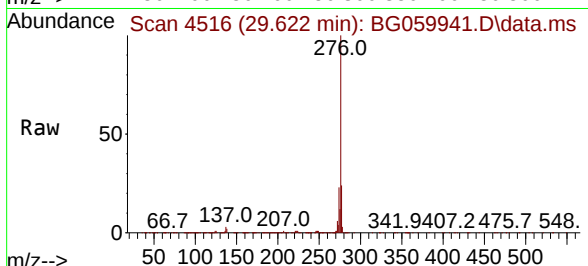
Tgt Ion:278 Resp: 5159288  
Ion Ratio Lower Upper  
278 100  
139 1.8 1.7 2.5  
279 24.8 18.8 28.2





#92  
 Benzo(g,h,i)perylene  
 Concen: 55.525 ng  
 RT: 29.622 min Scan# 4516  
 Delta R.T. 0.017 min  
 Lab File: BG059941.D  
 Acq: 4 Dec 2023 21:26

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDICC060



Tgt Ion: 276 Resp: 5036818  
 Ion Ratio Lower Upper  
 276 100  
 277 24.1 18.1 27.1  
 138 2.0 1.6 2.4

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 12/05/2023  
 Supervised By :mohammad ahmed 12/06/2023

