

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120723\  
 Data File : BG059986.D  
 Acq On : 7 Dec 2023 14:40  
 Operator : MA/JU  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDICC050

## Manual Integrations

## APPROVED

Reviewed By :Yogesh Patel 12/08/2023

Supervised By :mohammad ahmed 12/08/2023

Quant Time: Dec 08 02:22:14 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG120723.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Dec 08 02:14:41 2023

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.954  | 152  | 136774   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.769 | 136  | 494658   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.600 | 164  | 462534   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.343 | 188  | 1505785  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.621 | 240  | 2058590  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.811 | 264  | 2387549  | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.528  | 112  | 752996   | 101.814 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.114  | 99   | 997189   | 95.900  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.124  | 82   | 1081812  | 96.579  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.086 | 330  | 1327580  | 98.748  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.225 | 172  | 3647345  | 94.757  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.970 | 244  | 6924497  | 89.795  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.442  | 88   | 147073   | 43.968  | ng    | 98       |
| 3) Pyridine                   | 3.836  | 79   | 431226m  | 46.467  | ng    |          |
| 4) n-Nitrosodimethylamine     | 3.748  | 42   | 194722   | 48.402  | ng    | # 79     |
| 6) Aniline                    | 7.285  | 93   | 504906   | 45.550  | ng    | 96       |
| 8) 2-Chlorophenol             | 7.526  | 128  | 326954   | 46.054  | ng    | 97       |
| 9) Benzaldehyde               | 7.097  | 77   | 275583   | 43.459  | ng    | 85       |
| 10) Phenol                    | 7.144  | 94   | 488885   | 48.122  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.379  | 93   | 315167   | 46.374  | ng    | 99       |
| 12) 1,3-Dichlorobenzene       | 7.849  | 146  | 462412   | 46.074  | ng    | 90       |
| 13) 1,4-Dichlorobenzene       | 7.996  | 146  | 477096   | 48.313  | ng    | 95       |
| 14) 1,2-Dichlorobenzene       | 8.313  | 146  | 457514   | 48.596  | ng    | 92       |
| 15) Benzyl Alcohol            | 8.195  | 79   | 441781   | 47.609  | ng    | 92       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.495  | 45   | 166039   | 45.364  | ng    | 92       |
| 17) 2-Methylphenol            | 8.395  | 107  | 333465   | 48.562  | ng    | 97       |
| 18) Hexachloroethane          | 9.041  | 117  | 158998   | 49.618  | ng    | 85       |
| 19) n-Nitroso-di-n-propyla... | 8.771  | 70   | 330908   | 47.228  | ng    | 91       |
| 20) 3+4-Methylphenols         | 8.724  | 107  | 455773   | 46.859  | ng    | 90       |
| 22) Acetophenone              | 8.783  | 105  | 685077   | 47.345  | ng    | # 95     |
| 24) Nitrobenzene              | 9.165  | 77   | 560839   | 48.470  | ng    | # 91     |
| 25) Isophorone                | 9.688  | 82   | 933847   | 46.348  | ng    | 96       |
| 26) 2-Nitrophenol             | 9.870  | 139  | 213429   | 47.437  | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 9.929  | 122  | 265217   | 43.687  | ng    | 97       |
| 28) bis(2-Chloroethoxy)met... | 10.169 | 93   | 438326   | 45.929  | ng    | # 98     |
| 29) 2,4-Dichlorophenol        | 10.405 | 162  | 541749   | 47.364  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.622 | 180  | 765628   | 48.204  | ng    | 99       |
| 31) Naphthalene               | 10.816 | 128  | 1231039  | 48.723  | ng    | 96       |
| 32) Benzoic acid              | 10.070 | 122  | 281848   | 45.759  | ng    | 94       |
| 33) 4-Chloroaniline           | 10.922 | 127  | 443230   | 46.617  | ng    | 97       |
| 34) Hexachlorobutadiene       | 11.104 | 225  | 829635   | 47.973  | ng    | 92       |
| 35) Caprolactam               | 11.703 | 113  | 113213   | 43.486  | ng    | 95       |
| 36) 4-Chloro-3-methylphenol   | 12.038 | 107  | 470811   | 46.928  | ng    | 97       |
| 37) 2-Methylnaphthalene       | 12.426 | 142  | 1028891  | 47.012  | ng    | 93       |
| 38) 1-Methylnaphthalene       | 12.643 | 142  | 982384   | 47.256  | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 12.790 | 216  | 1401798  | 47.389  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.766 | 237  | 653778   | 47.301  | ng    | 96       |
| 43) 2,4,6-Trichlorophenol     | 13.025 | 196  | 761958   | 49.703  | ng    | 97       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120723\  
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 Sample : SSTDICC050  
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 ALS Vial : 8 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDICC050

## Manual Integrations

## APPROVED

Reviewed By :Yogesh Patel 12/08/2023

Supervised By :mohammad ahmed 12/08/2023

Quant Time: Dec 08 02:22:14 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG120723.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

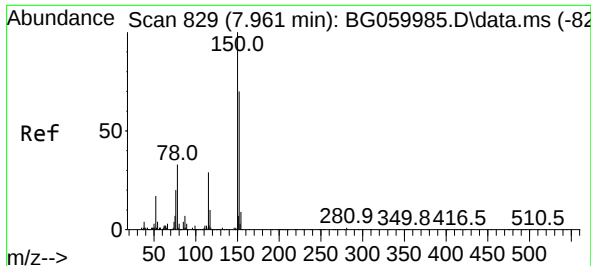
QLast Update : Fri Dec 08 02:14:41 2023

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.095 | 196  | 825348   | 47.742 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 13.430 | 154  | 1642243  | 48.812 | ng    | 97       |
| 47) 2-Chloronaphthalene       | 13.472 | 162  | 1438642  | 49.665 | ng    | 99       |
| 48) 2-Nitroaniline            | 13.671 | 65   | 275359   | 48.693 | ng    | 92       |
| 49) Acenaphthylene            | 14.318 | 152  | 1858898  | 47.595 | ng    | 99       |
| 50) Dimethylphthalate         | 14.053 | 163  | 1746607  | 47.375 | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 14.171 | 165  | 395610   | 48.749 | ng    | # 86     |
| 52) Acenaphthene              | 14.664 | 154  | 1379982m | 48.737 | ng    |          |
| 53) 3-Nitroaniline            | 14.500 | 138  | 262950   | 47.377 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 14.699 | 184  | 338901   | 50.241 | ng    | 98       |
| 55) Dibenzofuran              | 14.999 | 168  | 2196123  | 47.738 | ng    | 93       |
| 56) 4-Nitrophenol             | 14.793 | 139  | 222136   | 47.238 | ng    | 88       |
| 57) 2,4-Dinitrotoluene        | 14.952 | 165  | 558831   | 48.086 | ng    | 98       |
| 58) Fluorene                  | 15.645 | 166  | 1895166  | 47.282 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.217 | 232  | 937287m  | 48.328 | ng    |          |
| 60) Diethylphthalate          | 15.422 | 149  | 1580698  | 47.683 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.640 | 204  | 1613679  | 47.954 | ng    | 96       |
| 62) 4-Nitroaniline            | 15.663 | 138  | 278280   | 45.258 | ng    | 93       |
| 63) Azobenzene                | 15.933 | 77   | 1368662  | 47.259 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.716 | 198  | 530139   | 49.389 | ng    | 93       |
| 66) n-Nitrosodiphenylamine    | 15.851 | 169  | 1701573  | 47.562 | ng    | 96       |
| 67) 4-Bromophenyl-phenylether | 16.533 | 248  | 1156199  | 48.941 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.650 | 284  | 1382285  | 50.303 | ng    | 95       |
| 69) Atrazine                  | 16.803 | 200  | 731154   | 46.825 | ng    | 98       |
| 70) Pentachlorophenol         | 16.991 | 266  | 977470   | 50.818 | ng    | 96       |
| 71) Phenanthrene              | 17.390 | 178  | 3268371  | 47.412 | ng    | 99       |
| 72) Anthracene                | 17.479 | 178  | 3311847  | 47.536 | ng    | 98       |
| 73) Carbazole                 | 17.749 | 167  | 2687145  | 47.297 | ng    | 93       |
| 74) Di-n-butylphthalate       | 18.313 | 149  | 2439283  | 48.056 | ng    | 99       |
| 75) Fluoranthene              | 19.400 | 202  | 4766727  | 44.164 | ng    | 96       |
| 77) Benzidine                 | 19.582 | 184  | 1764008  | 73.037 | ng    | 98       |
| 78) Pyrene                    | 19.764 | 202  | 4821623  | 43.728 | ng    | 93       |
| 80) Butylbenzylphthalate      | 20.663 | 149  | 926090   | 47.643 | ng    | 98       |
| 81) Benzo(a)anthracene        | 21.603 | 228  | 5768340  | 43.903 | ng    | 95       |
| 82) 3,3'-Dichlorobenzidine    | 21.515 | 252  | 2267697  | 48.406 | ng    | # 93     |
| 83) Chrysene                  | 21.668 | 228  | 5426937  | 43.752 | ng    | 95       |
| 84) Bis(2-ethylhexyl)phtha... | 21.521 | 149  | 1379483  | 48.213 | ng    | 96       |
| 85) Di-n-octyl phthalate      | 22.731 | 149  | 2360926  | 47.743 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 28.466 | 276  | 8408877  | 48.342 | ng    | # 99     |
| 88) Benzo(b)fluoranthene      | 23.801 | 252  | 6749114  | 48.579 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.877 | 252  | 6444551m | 47.864 | ng    |          |
| 90) Benzo(a)pyrene            | 24.664 | 252  | 6070243  | 47.924 | ng    | 95       |
| 91) Dibenzo(a,h)anthracene    | 28.536 | 278  | 7116784  | 48.576 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 29.606 | 276  | 6932917  | 48.558 | ng    | 100      |

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





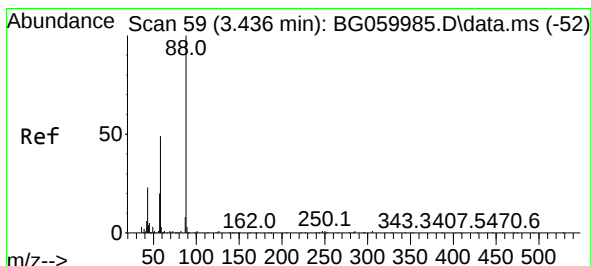
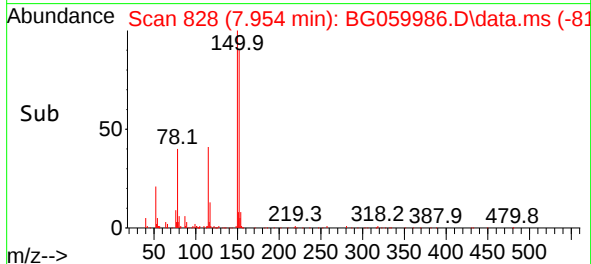
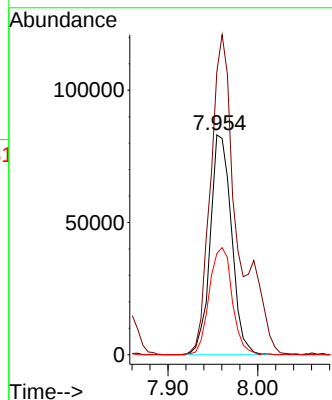
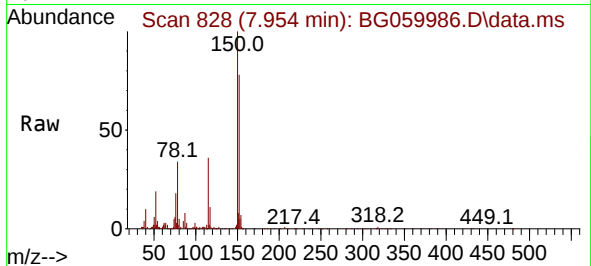
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1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.954 min Scan# 81  
Delta R.T. -0.007 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050

Tgt Ion:152 Resp: 136774  
Ion Ratio Lower Upper  
152 100  
150 128.7 115.0 172.6  
115 46.0 33.9 50.9

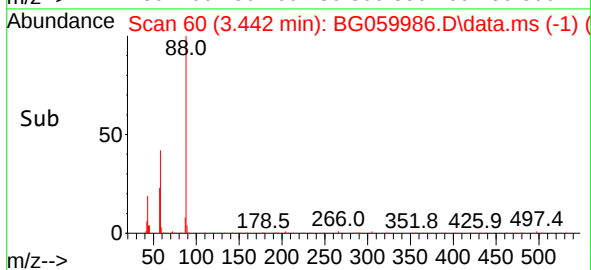
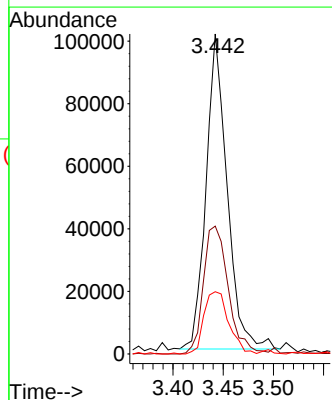
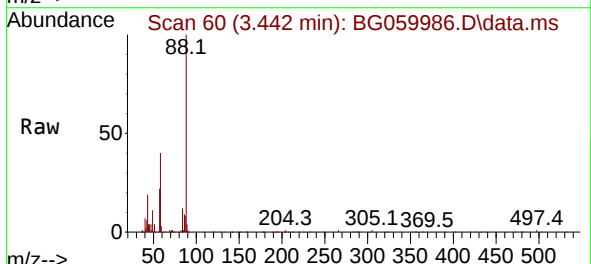
Manual Integrations  
APPROVED

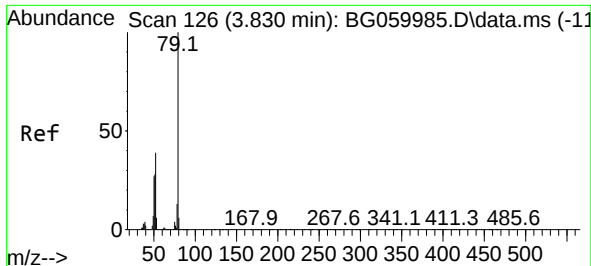
Reviewed By :Yogesh Patel 12/08/2023  
Supervised By :mohammad ahmed 12/08/2023



#2  
1,4-Dioxane  
Concen: 43.968 ng  
RT: 3.442 min Scan# 60  
Delta R.T. 0.006 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

Tgt Ion: 88 Resp: 147073  
Ion Ratio Lower Upper  
88 100  
58 47.8 37.6 56.4  
43 23.3 20.1 30.1





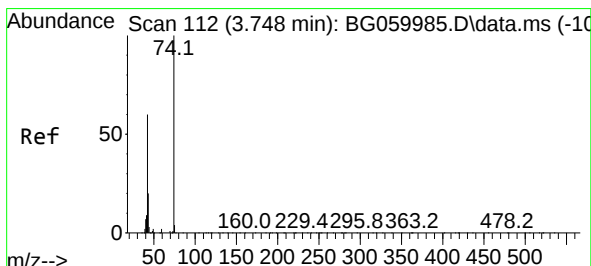
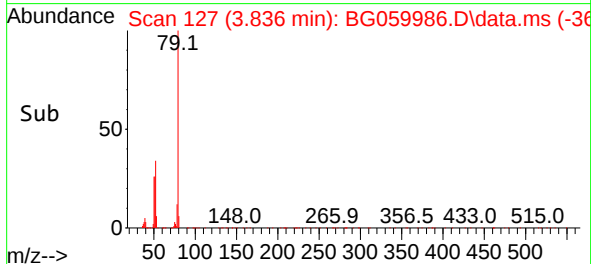
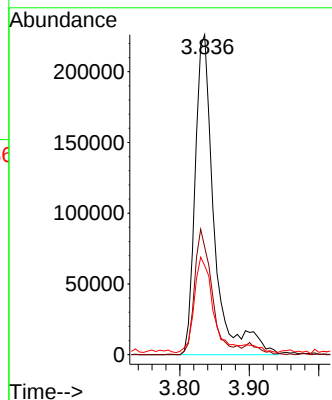
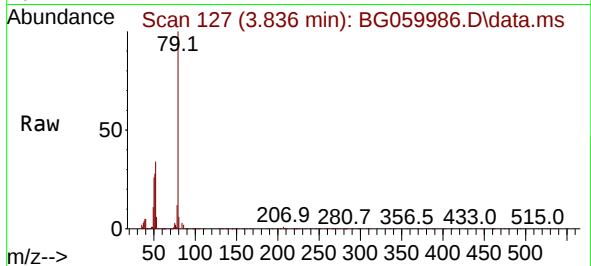
#3  
Pyridine  
Concen: 46.467 ng m  
RT: 3.836 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050

Tgt Ion: 79 Resp: 431220  
Ion Ratio Lower Upper  
79 100  
52 33.6 31.3 46.9  
51 27.8 23.8 35.6

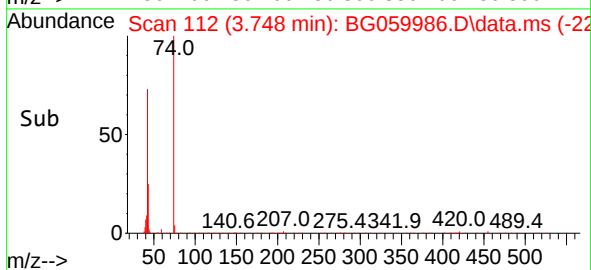
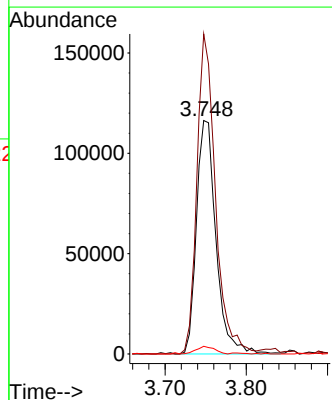
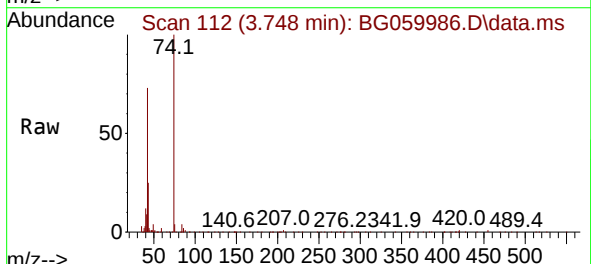
Manual Integrations  
APPROVED

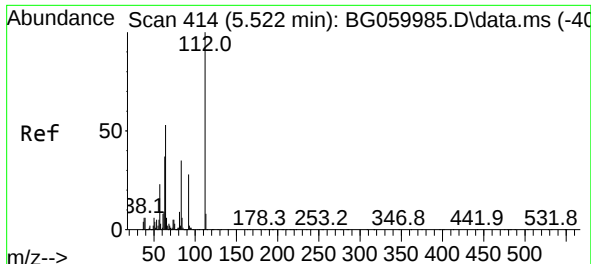
Reviewed By :Yogesh Patel 12/08/2023  
Supervised By :mohammad ahmed 12/08/2023



#4  
n-Nitrosodimethylamine  
Concen: 48.402 ng  
RT: 3.748 min Scan# 112  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

Tgt Ion: 42 Resp: 194722  
Ion Ratio Lower Upper  
42 100  
74 137.1 133.4 200.2  
44 3.3 3.7 5.5#





#5  
2-Fluorophenol  
Concen: 101.814 ng  
RT: 5.528 min Scan# 414  
Delta R.T. 0.006 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

Instrument :

BNA\_G

ClientSampleId :

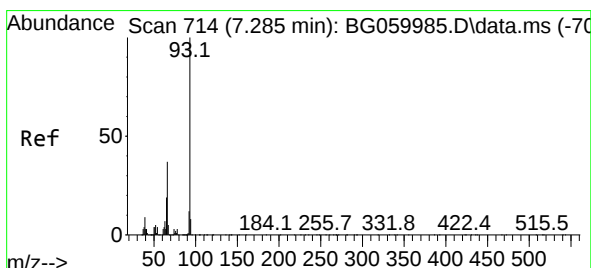
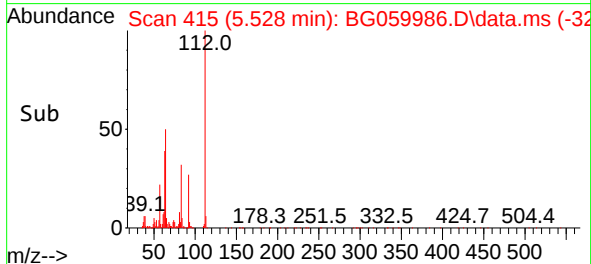
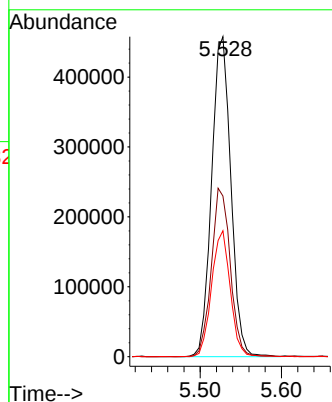
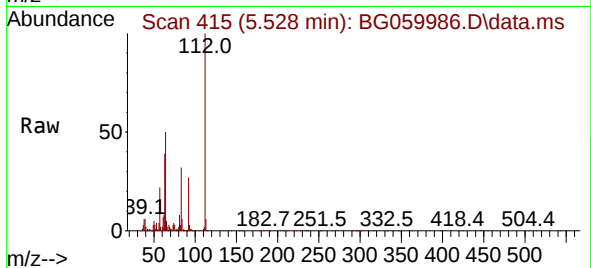
SSTDICC050

Tgt Ion:112 Resp: 752990  
Ion Ratio Lower Upper  
112 100  
64 50.2 42.4 63.6  
63 39.4 29.6 44.4

Manual Integrations

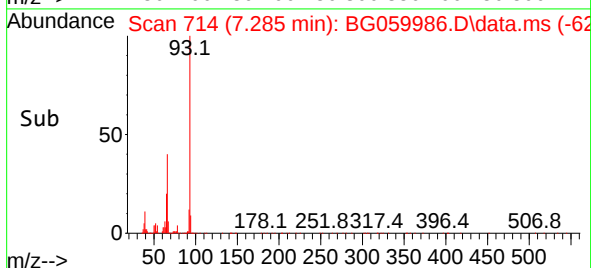
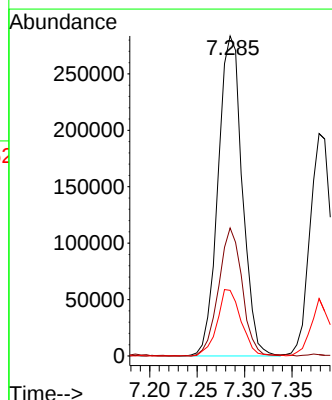
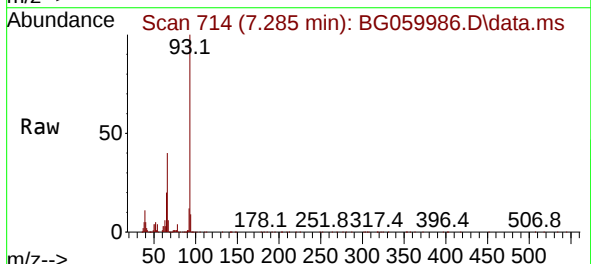
APPROVED

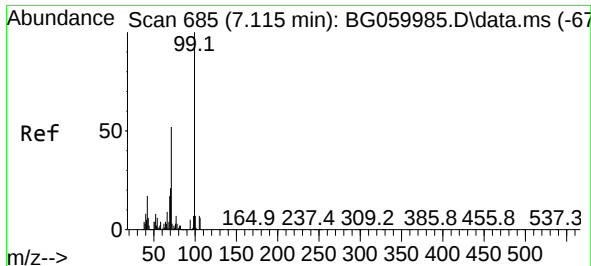
Reviewed By :Yogesh Patel 12/08/2023  
Supervised By :mohammad ahmed 12/08/2023



#6  
Aniline  
Concen: 45.550 ng  
RT: 7.285 min Scan# 714  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

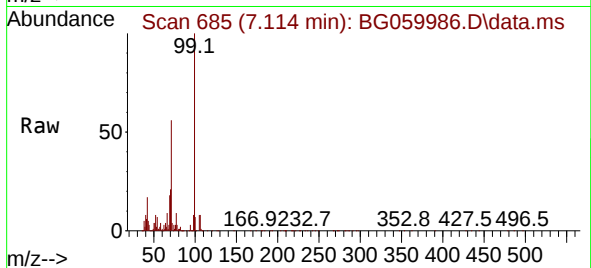
Tgt Ion: 93 Resp: 504906  
Ion Ratio Lower Upper  
93 100  
66 40.0 30.2 45.2  
65 20.5 15.0 22.6





#7  
Phenol-d6  
Concen: 95.900 ng  
RT: 7.114 min Scan# 685  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

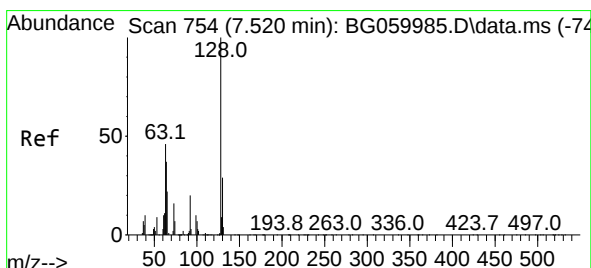
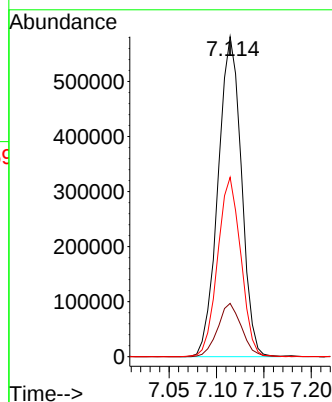
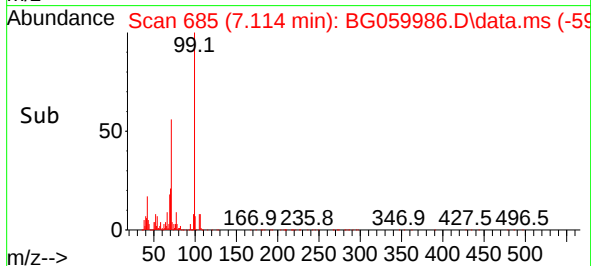
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion: 99 Resp: 997189  
Ion Ratio Lower Upper  
99 100  
42 16.7 13.4 20.0  
71 56.0 41.9 62.9

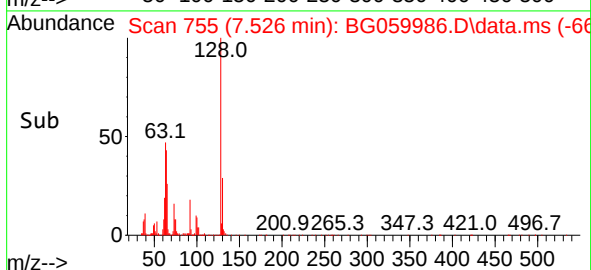
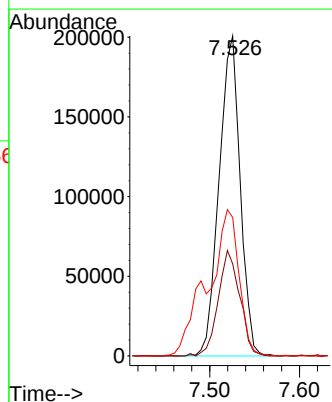
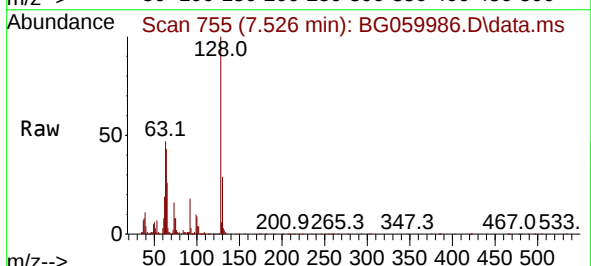
Manual Integrations  
APPROVED

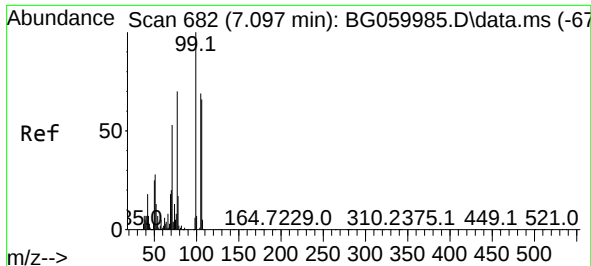
Reviewed By :Yogesh Patel 12/08/2023  
Supervised By :mohammad ahmed 12/08/2023



#8  
2-Chlorophenol  
Concen: 46.054 ng  
RT: 7.526 min Scan# 755  
Delta R.T. 0.006 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

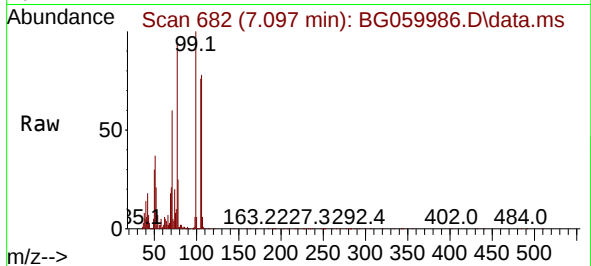
Tgt Ion:128 Resp: 326954  
Ion Ratio Lower Upper  
128 100  
130 28.8 8.8 48.8  
64 43.3 26.1 66.1





#9  
Benzaldehyde  
Concen: 43.459 ng  
RT: 7.097 min Scan# 682  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

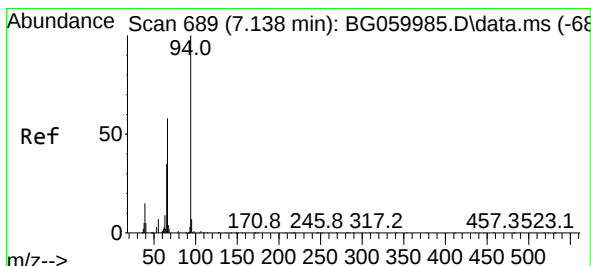
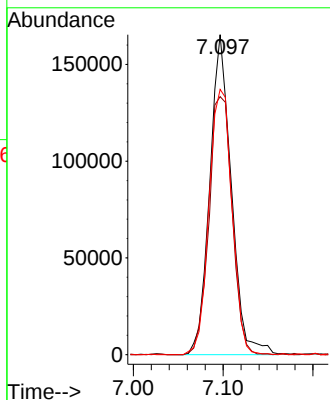
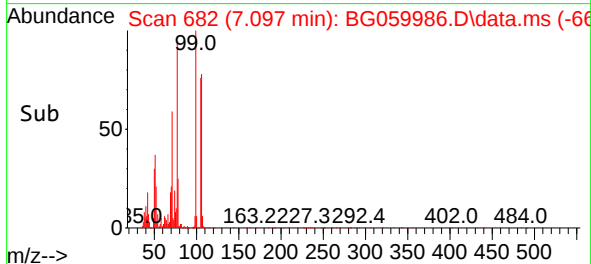
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



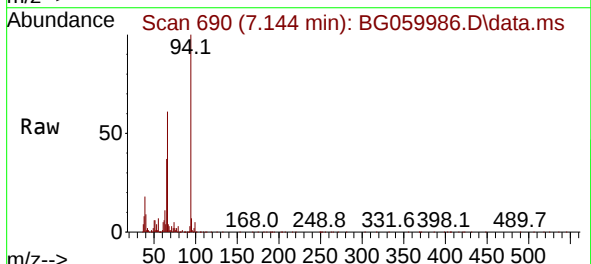
Tgt Ion: 77 Resp: 27558  
Ion Ratio Lower Upper  
77 100  
105 80.7 78.2 118.2  
106 82.9 74.3 114.3

Manual Integrations  
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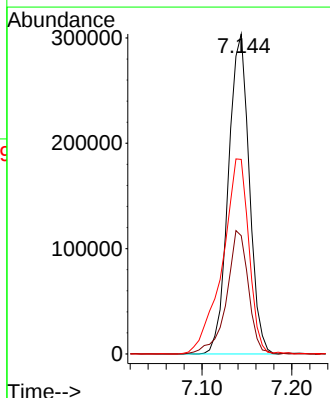
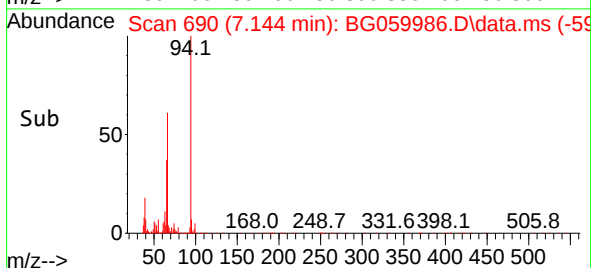
Reviewed By :Yogesh Patel 12/08/2023  
Supervised By :mohammad ahmed 12/08/2023

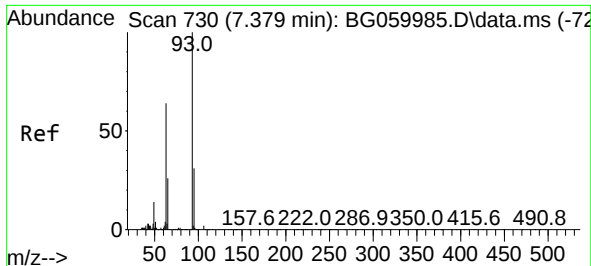


#10  
Phenol  
Concen: 48.122 ng  
RT: 7.144 min Scan# 690  
Delta R.T. 0.006 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40



Tgt Ion: 94 Resp: 488885  
Ion Ratio Lower Upper  
94 100  
65 36.9 15.2 55.2  
66 60.8 41.3 81.3





#11  
bis(2-Chloroethyl)ether  
Concen: 46.374 ng  
RT: 7.379 min Scan# 730  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

Instrument :

BNA\_G

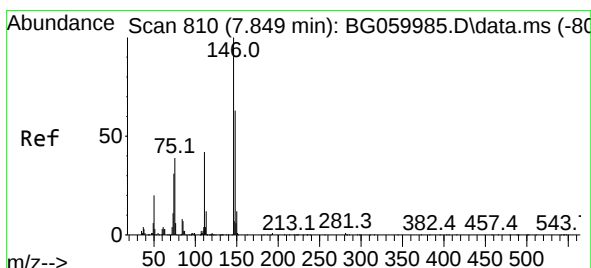
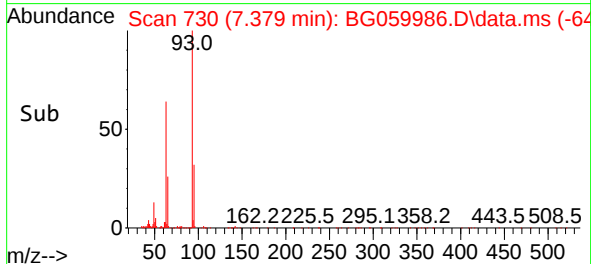
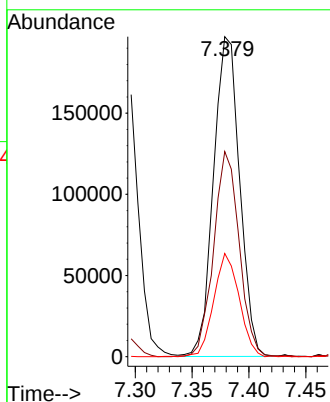
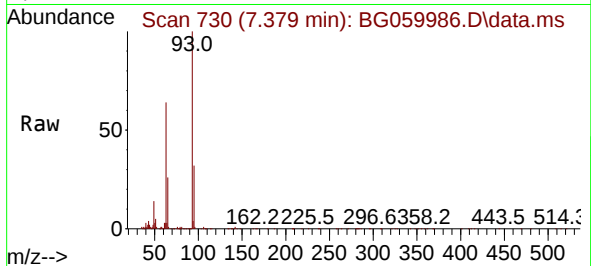
ClientSampleId :

SSTDICC050

Tgt Ion: 93 Resp: 31516  
Ion Ratio Lower Upper  
93 100  
63 64.1 43.8 83.8  
95 32.2 10.4 50.4

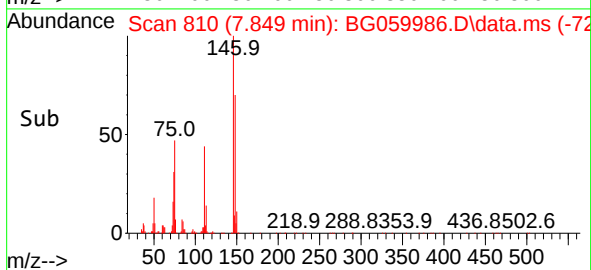
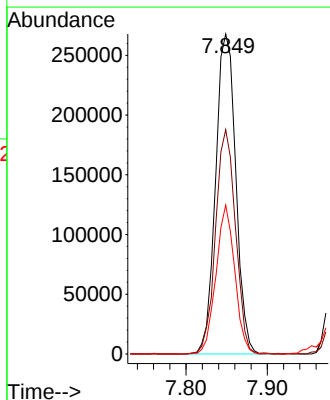
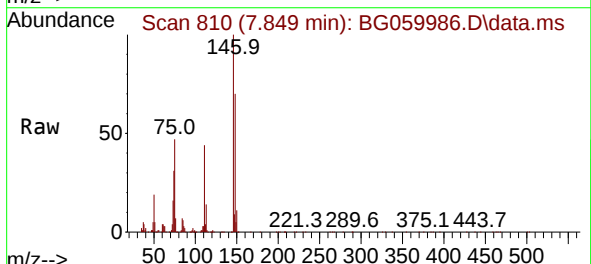
Manual Integrations  
APPROVED

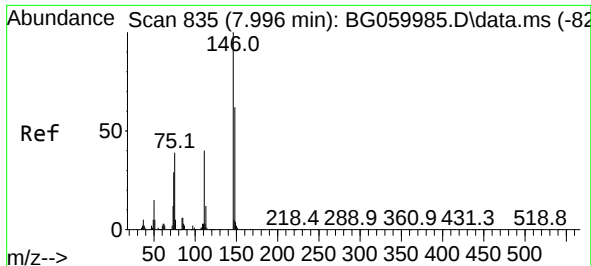
Reviewed By :Yogesh Patel 12/08/2023  
Supervised By :mohammad ahmed 12/08/2023



#12  
1,3-Dichlorobenzene  
Concen: 46.074 ng  
RT: 7.849 min Scan# 810  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

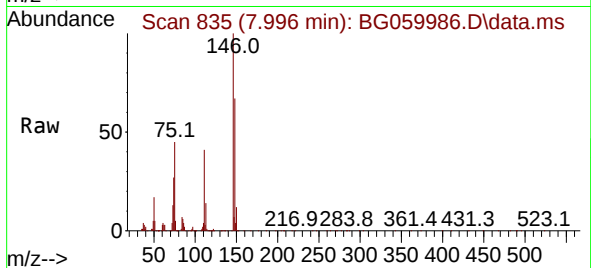
Tgt Ion:146 Resp: 462412  
Ion Ratio Lower Upper  
146 100  
148 70.1 50.2 75.4  
75 46.5 31.4 47.2





#13  
1,4-Dichlorobenzene  
Concen: 48.313 ng  
RT: 7.996 min Scan# 835  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

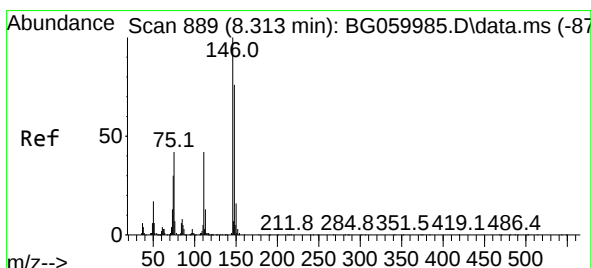
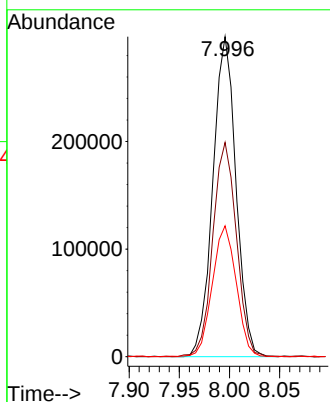
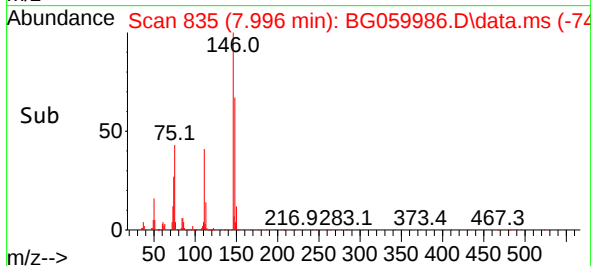
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:146 Resp: 477090  
Ion Ratio Lower Upper  
146 100  
148 66.9 49.7 74.5  
111 40.9 31.7 47.5

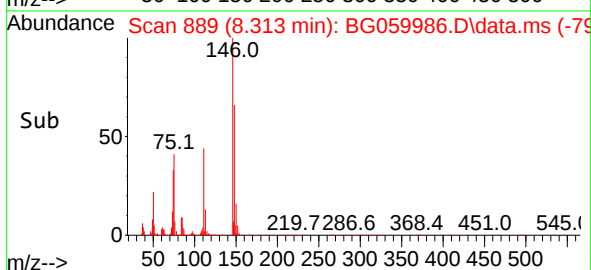
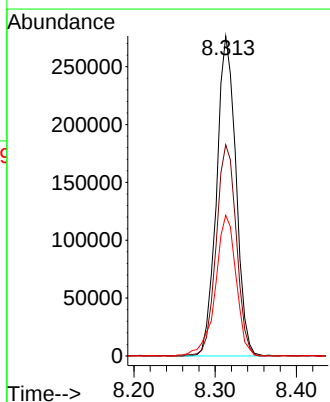
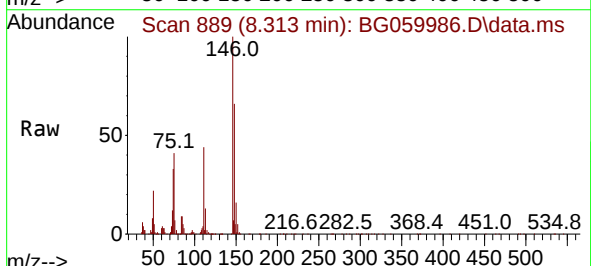
Manual Integrations  
APPROVED

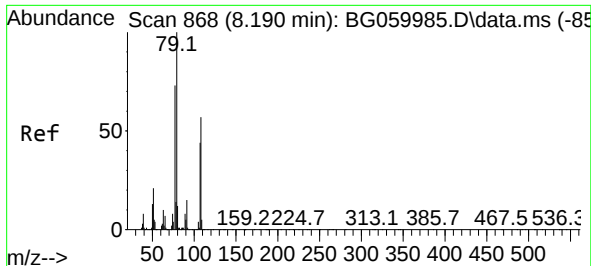
Reviewed By :Yogesh Patel 12/08/2023  
Supervised By :mohammad ahmed 12/08/2023



#14  
1,2-Dichlorobenzene  
Concen: 48.596 ng  
RT: 8.313 min Scan# 889  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

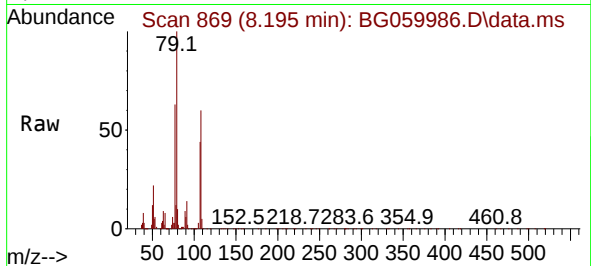
Tgt Ion:146 Resp: 457514  
Ion Ratio Lower Upper  
146 100  
148 66.0 60.6 90.8  
111 44.0 33.5 50.3





#15  
Benzyl Alcohol  
Concen: 47.609 ng  
RT: 8.195 min Scan# 80  
Delta R.T. 0.006 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

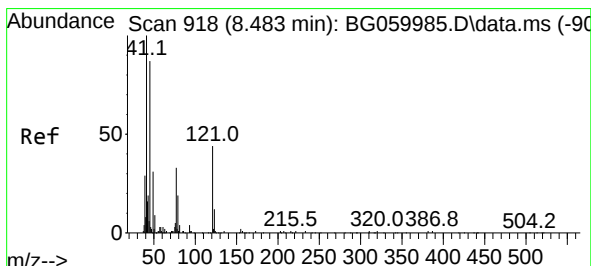
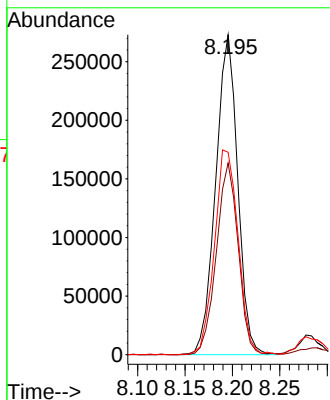
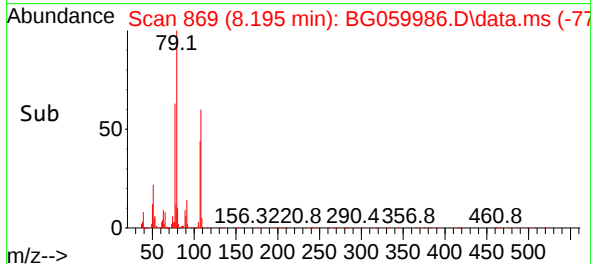
Instrument :  
BNA\_G  
Client Sample Id :  
SSTDICC050



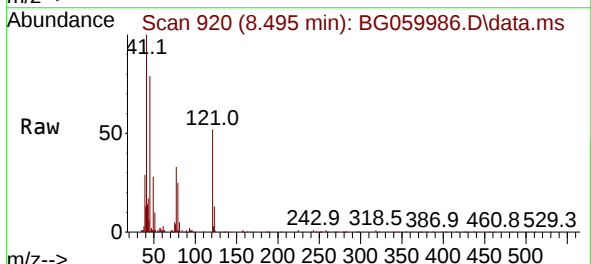
Tgt Ion: 79 Resp: 44178  
Ion Ratio Lower Upper  
79 100  
108 59.9 45.9 68.9  
77 63.2 58.3 87.5

Manual Integrations  
APPROVED

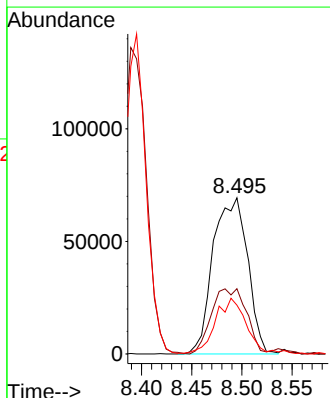
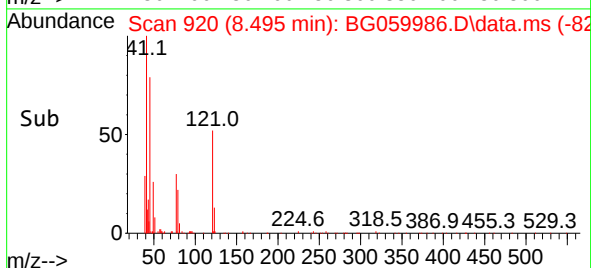
Reviewed By :Yogesh Patel 12/08/2023  
Supervised By :mohammad ahmed 12/08/2023

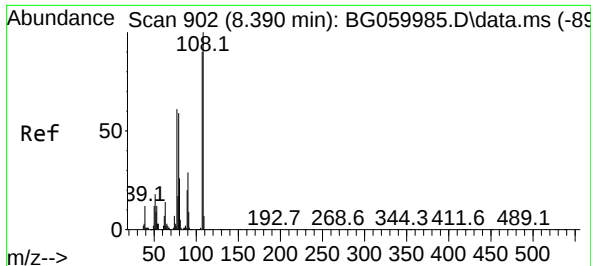


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 45.364 ng  
RT: 8.495 min Scan# 920  
Delta R.T. 0.011 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40



Tgt Ion: 45 Resp: 166039  
Ion Ratio Lower Upper  
45 100  
77 41.8 19.8 59.8  
79 31.2 3.8 43.8





#17  
2-Methylphenol  
Concen: 48.562 ng  
RT: 8.395 min Scan# 90  
Delta R.T. 0.006 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

Instrument :

BNA\_G

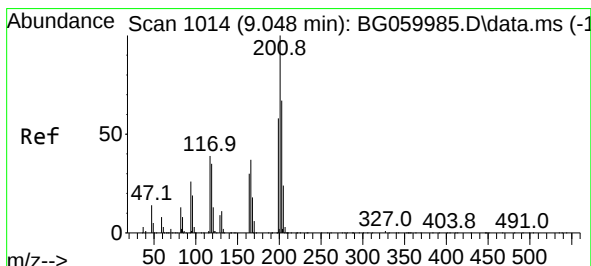
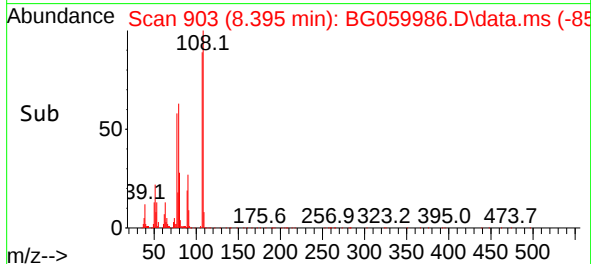
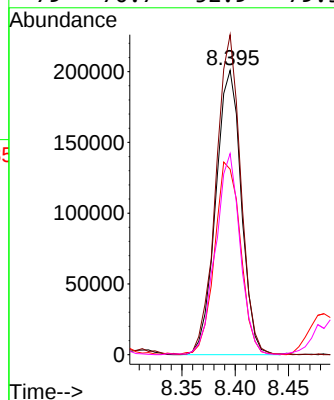
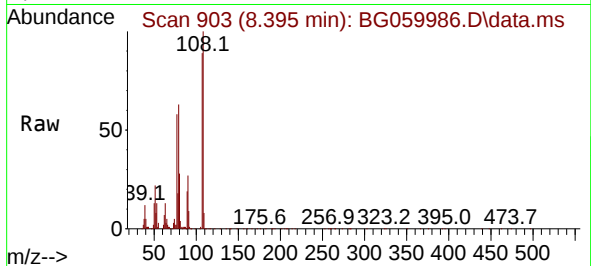
ClientSampleId :

SSTDICC050

Tgt Ion:107 Resp: 33346  
Ion Ratio Lower Upper  
107 100  
108 112.5 88.9 133.3  
77 65.2 54.6 82.0  
79 70.7 52.9 79.3

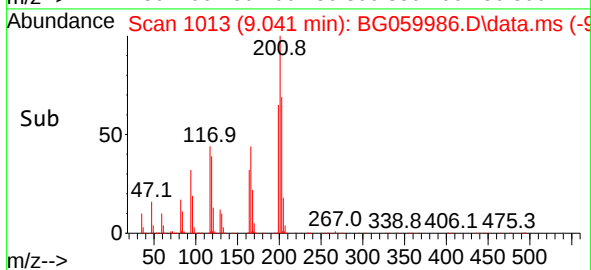
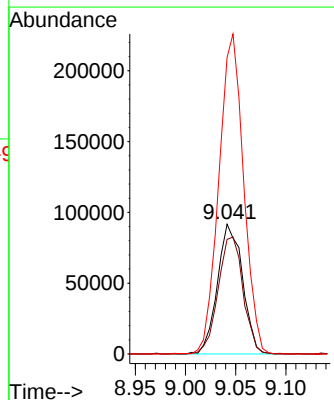
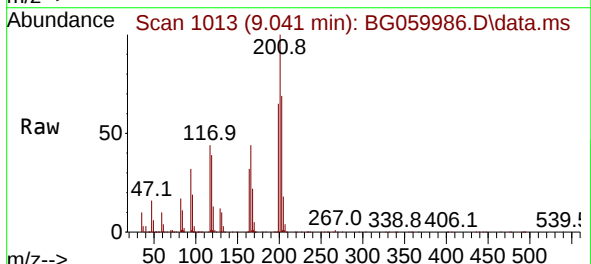
Manual Integrations  
APPROVED

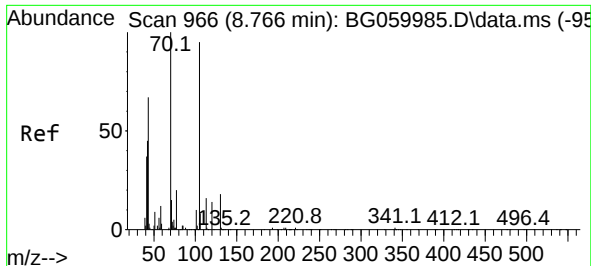
Reviewed By :Yogesh Patel 12/08/2023  
Supervised By :mohammad ahmed 12/08/2023



#18  
Hexachloroethane  
Concen: 49.618 ng  
RT: 9.041 min Scan# 1013  
Delta R.T. -0.006 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

Tgt Ion:117 Resp: 158998  
Ion Ratio Lower Upper  
117 100  
119 86.6 72.1 108.1  
201 224.1 206.2 309.4





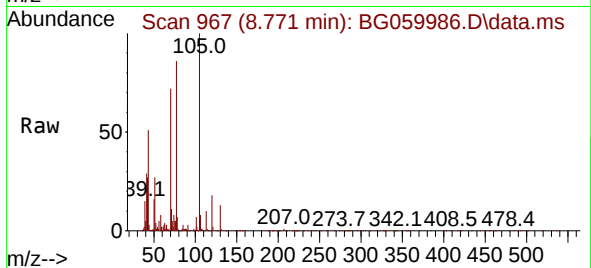
#19  
n-Nitroso-di-n-propylamine  
Concen: 47.228 ng  
RT: 8.771 min Scan# 90  
Delta R.T. 0.006 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

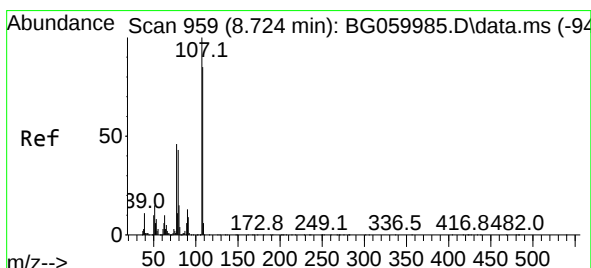
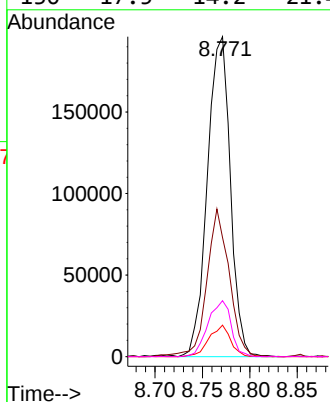
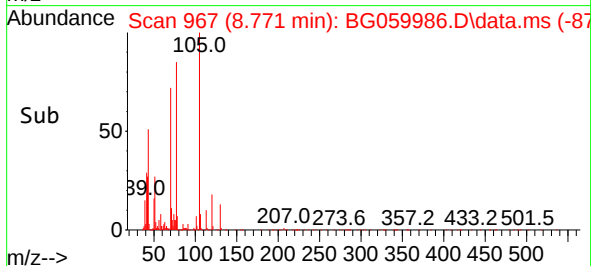


Tgt Ion: 70 Resp: 330908  
Ion Ratio Lower Upper  
70 100  
42 37.2 36.9 55.3  
101 9.8 8.0 12.0  
130 17.5 14.2 21.4

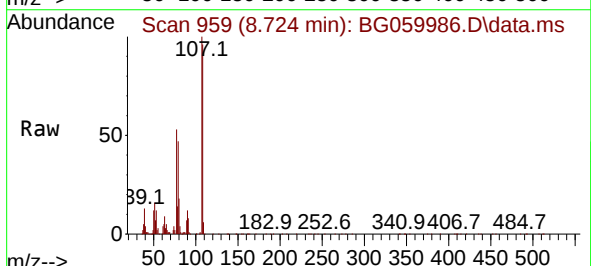
Manual Integrations

APPROVED

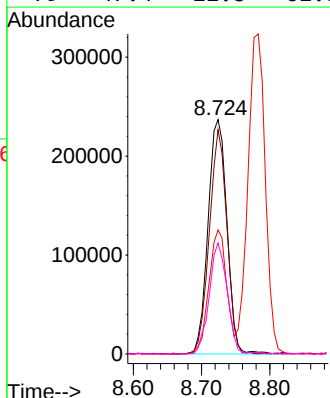
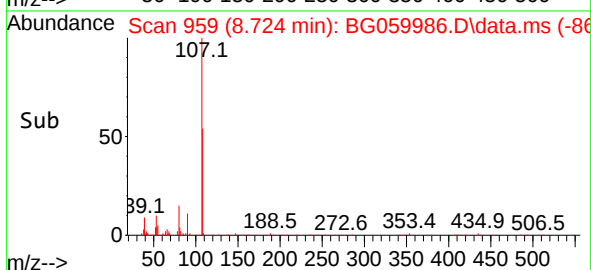
Reviewed By :Yogesh Patel 12/08/2023  
Supervised By :mohammad ahmed 12/08/2023

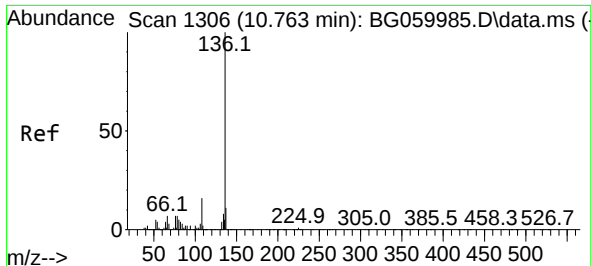


#20  
3+4-Methylphenols  
Concen: 46.859 ng  
RT: 8.724 min Scan# 959  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40



Tgt Ion:107 Resp: 455773  
Ion Ratio Lower Upper  
107 100  
108 95.6 64.7 104.7  
77 52.9 26.7 66.7  
79 47.4 22.8 62.8





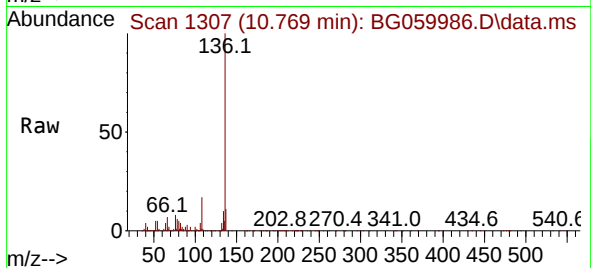
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.769 min Scan# 1307  
Delta R.T. 0.006 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050



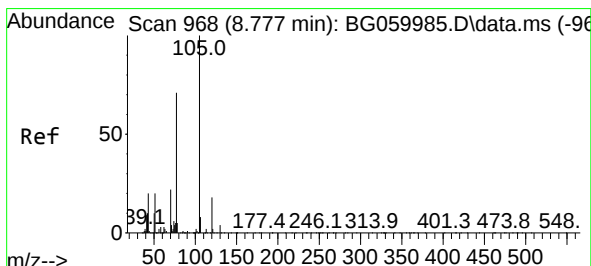
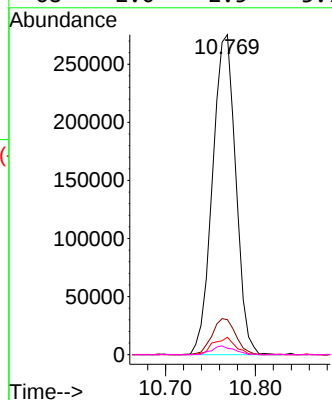
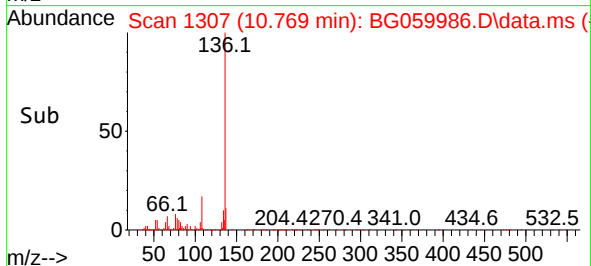
Tgt Ion:136 Resp: 494658  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 13.0  
54 5.5 3.2 4.8  
68 2.0 2.5 3.7

Manual Integrations

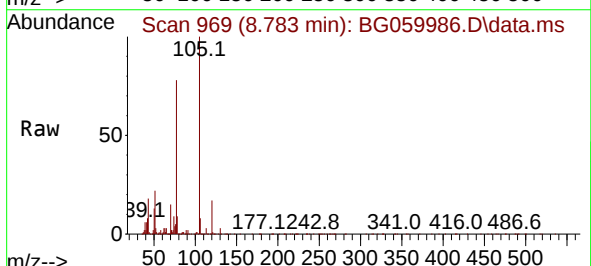
APPROVED

Reviewed By :Yogesh Patel 12/08/2023

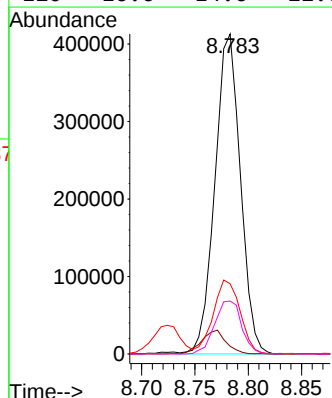
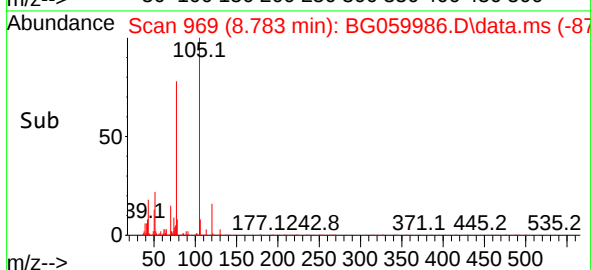
Supervised By :mohammad ahmed 12/08/2023

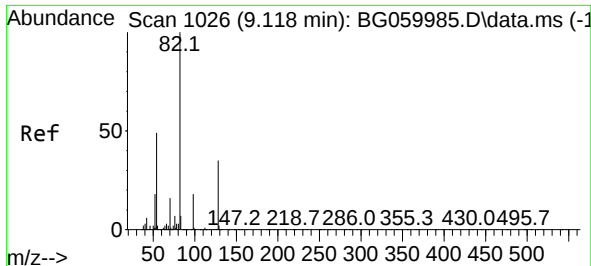


#22  
Acetophenone  
Concen: 47.345 ng  
RT: 8.783 min Scan# 969  
Delta R.T. 0.006 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40



Tgt Ion:105 Resp: 685077  
Ion Ratio Lower Upper  
105 100  
71 2.4 3.8 5.8  
51 21.9 19.8 29.8  
120 16.6 14.6 22.0





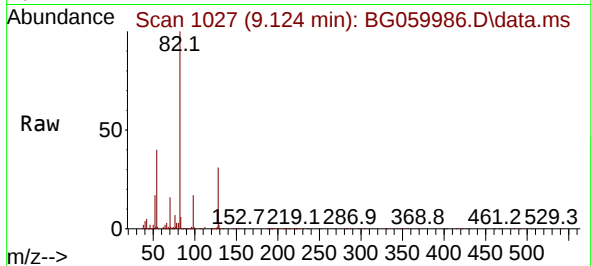
#23  
Nitrobenzene-d5  
Concen: 96.579 ng  
RT: 9.124 min Scan# 1026  
Delta R.T. 0.006 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050



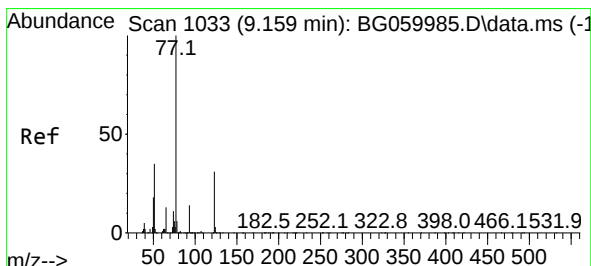
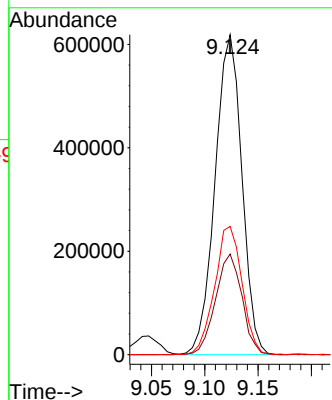
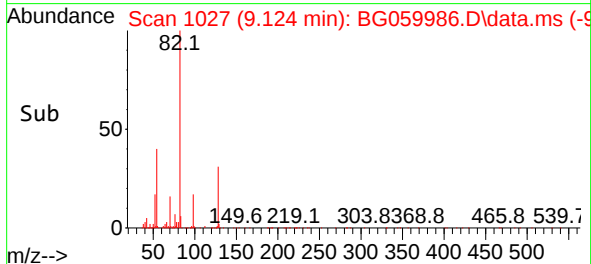
Tgt Ion: 82 Resp: 108181  
Ion Ratio Lower Upper  
82 100  
128 31.4 28.2 42.4  
54 40.1 39.0 58.6

Manual Integrations

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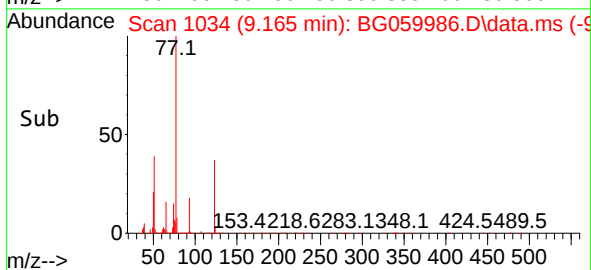
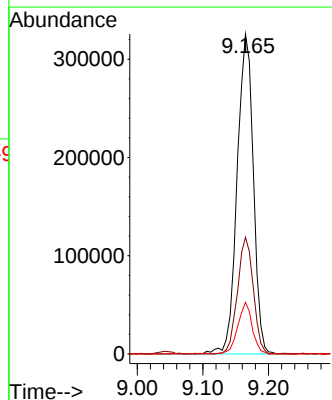
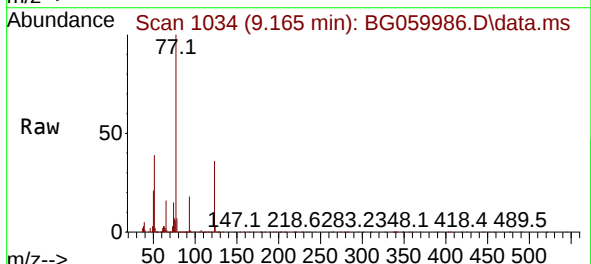
Reviewed By :Yogesh Patel 12/08/2023

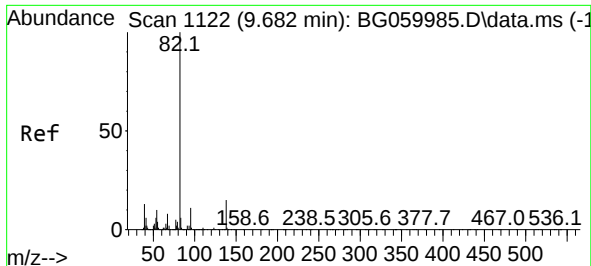
Supervised By :mohammad ahmed 12/08/2023



#24  
Nitrobenzene  
Concen: 48.470 ng  
RT: 9.165 min Scan# 1034  
Delta R.T. 0.006 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

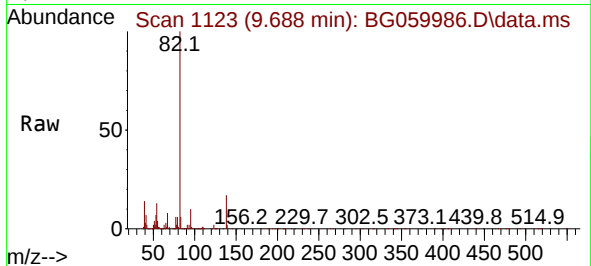
Tgt Ion: 77 Resp: 560839  
Ion Ratio Lower Upper  
77 100  
123 36.5 25.0 37.4  
65 16.2 10.6 15.8#





#25  
Isophorone  
Concen: 46.348 ng  
RT: 9.688 min Scan# 1122  
Delta R.T. 0.006 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

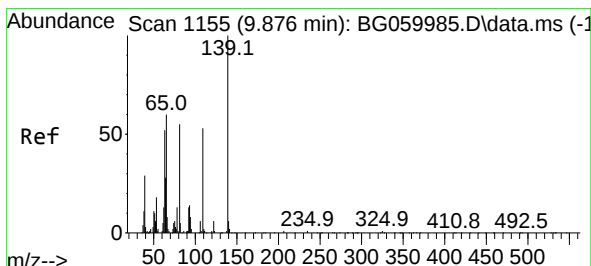
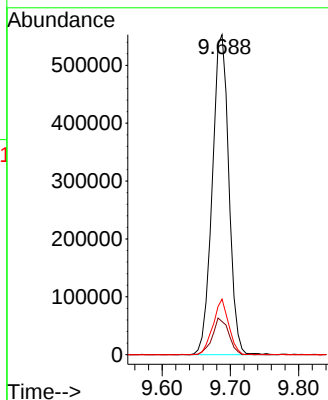
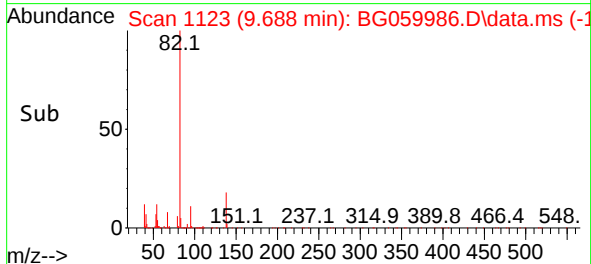
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion: 82 Resp: 93384  
Ion Ratio Lower Upper  
82 100  
95 10.3 8.7 13.1  
138 17.4 12.2 18.2

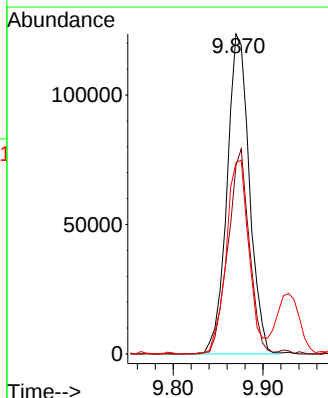
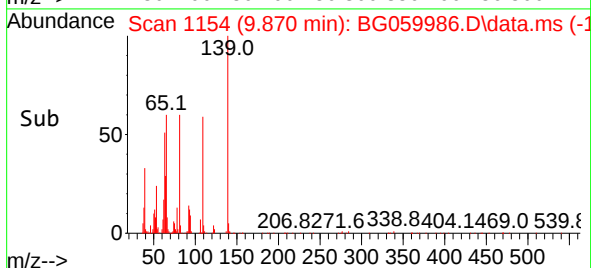
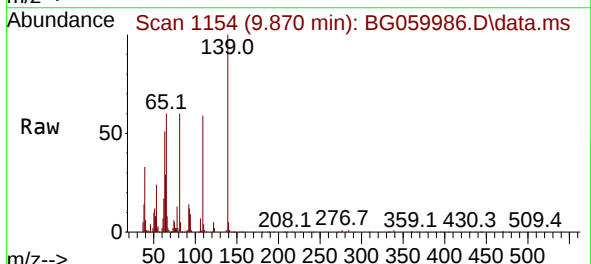
Manual Integrations  
APPROVED

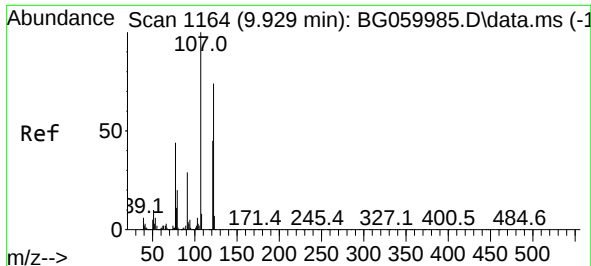
Reviewed By :Yogesh Patel 12/08/2023  
Supervised By :mohammad ahmed 12/08/2023



#26  
2-Nitrophenol  
Concen: 47.437 ng  
RT: 9.870 min Scan# 1154  
Delta R.T. -0.006 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

Tgt Ion:139 Resp: 213429  
Ion Ratio Lower Upper  
139 100  
109 58.9 42.1 63.1  
65 59.7 48.2 72.2





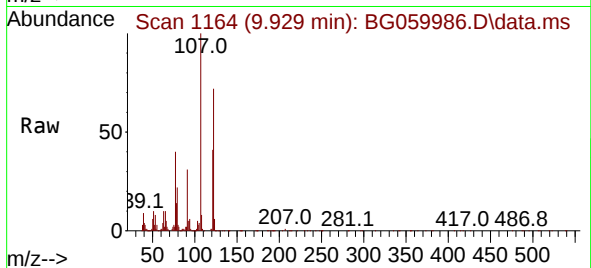
#27  
2,4-Dimethylphenol  
Concen: 43.687 ng  
RT: 9.929 min Scan# 1164  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050



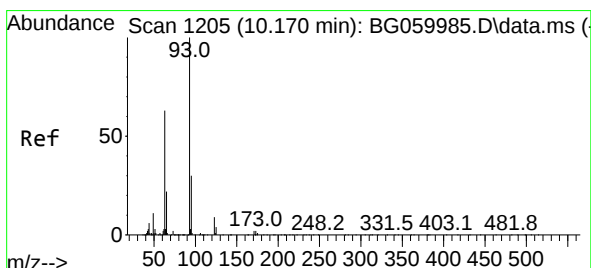
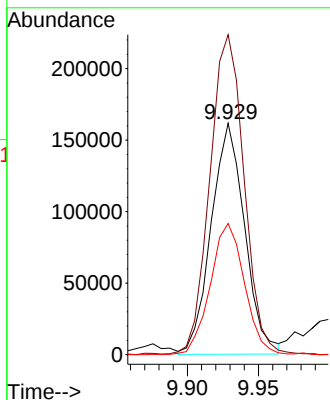
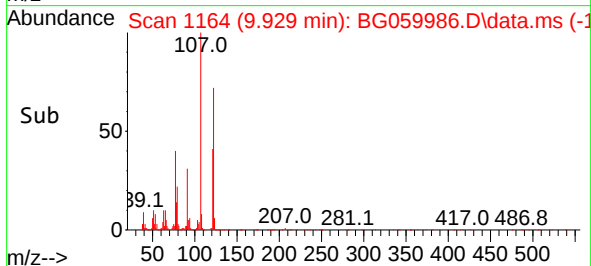
Tgt Ion:122 Resp: 26521  
Ion Ratio Lower Upper  
122 100  
107 138.3 107.9 161.9  
121 56.7 48.2 72.4

Manual Integrations

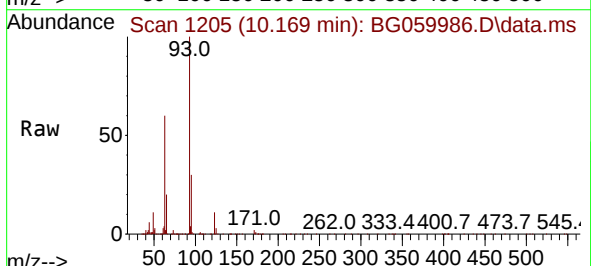
APPROVED

Reviewed By :Yogesh Patel 12/08/2023

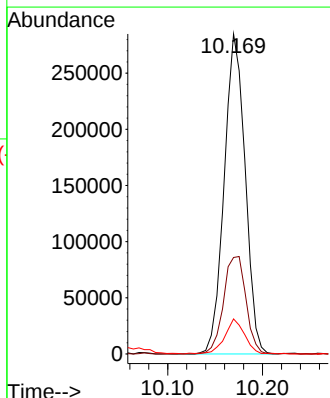
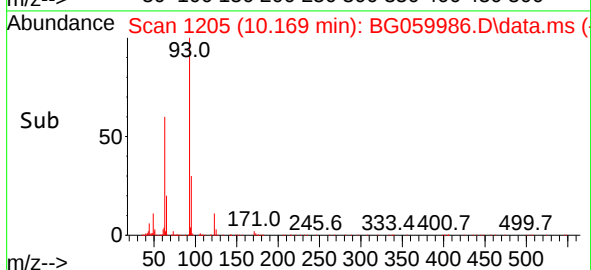
Supervised By :mohammad ahmed 12/08/2023

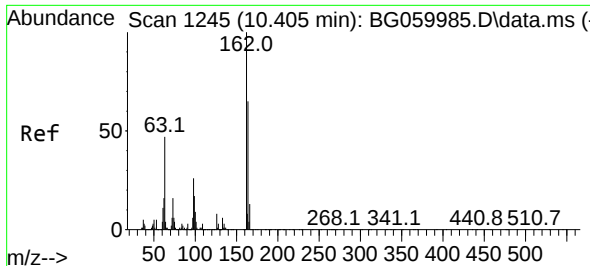


#28  
bis(2-Chloroethoxy)methane  
Concen: 45.929 ng  
RT: 10.169 min Scan# 1205  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40



Tgt Ion: 93 Resp: 438326  
Ion Ratio Lower Upper  
93 100  
95 30.1 24.3 36.5  
123 10.9 7.3 10.9#





#29

2,4-Dichlorophenol

Concen: 47.364 ng

RT: 10.405 min Scan# 1245

Delta R.T. -0.000 min

Lab File: BG059986.D

Acq: 7 Dec 2023 14:40

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

Tgt Ion:162 Resp: 541749

Ion Ratio Lower Upper

162 100

164 63.3 44.9 84.9

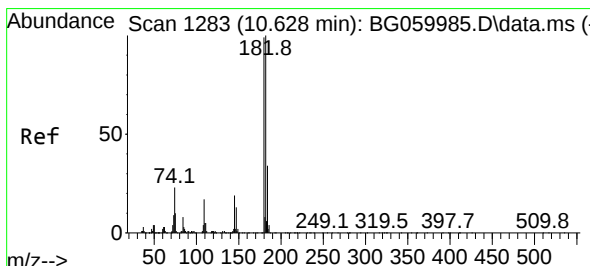
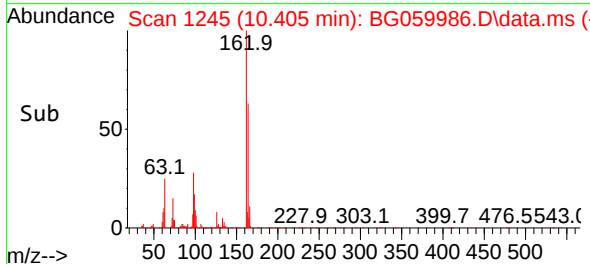
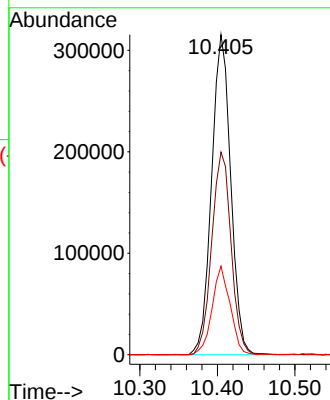
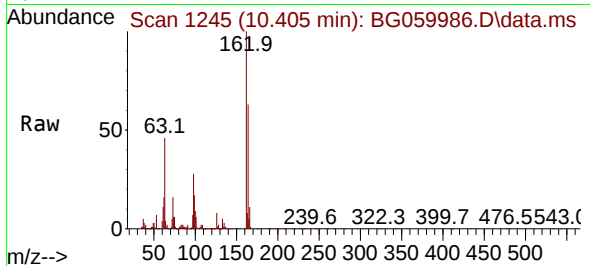
98 27.7 6.3 46.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/08/2023

Supervised By :mohammad ahmed 12/08/2023



#30

1,2,4-Trichlorobenzene

Concen: 48.204 ng

RT: 10.622 min Scan# 1282

Delta R.T. -0.006 min

Lab File: BG059986.D

Acq: 7 Dec 2023 14:40

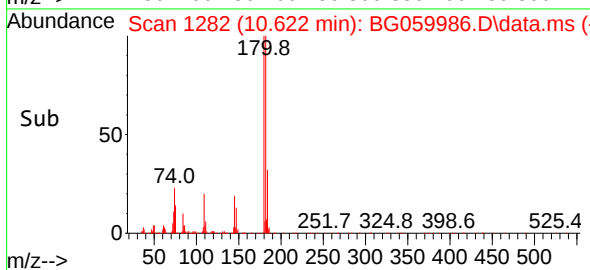
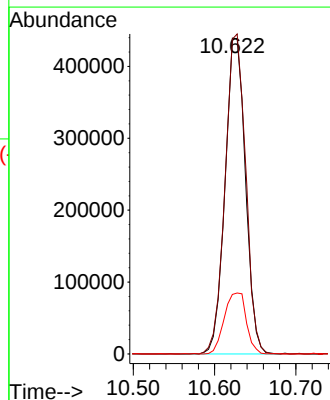
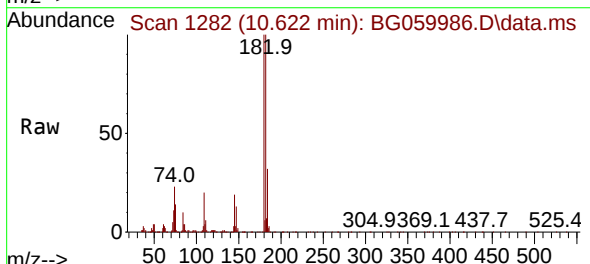
Tgt Ion:180 Resp: 765628

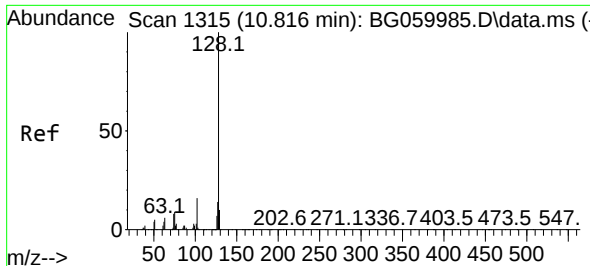
Ion Ratio Lower Upper

180 100

182 99.7 80.5 120.7

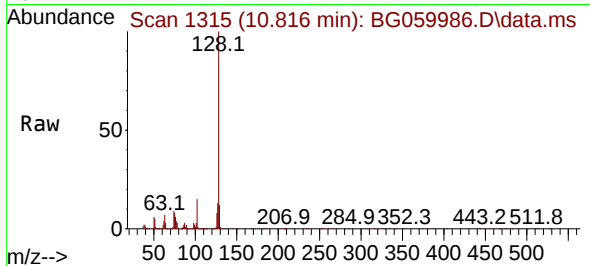
145 18.8 15.4 23.2





#31  
Naphthalene  
Concen: 48.723 ng  
RT: 10.816 min Scan# 1185  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

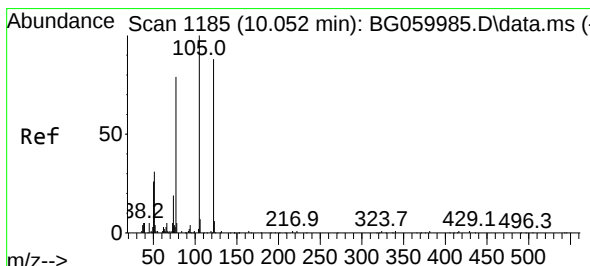
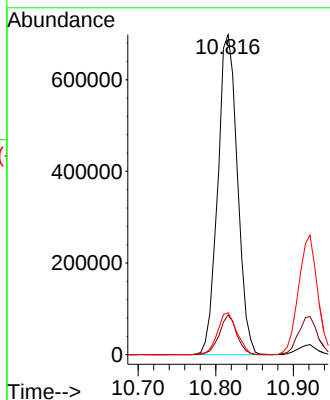
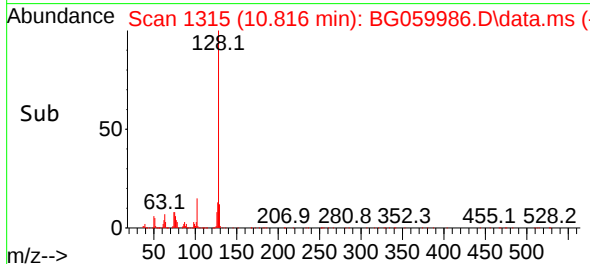
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:128 Resp: 1231039  
Ion Ratio Lower Upper  
128 100  
129 12.4 8.3 12.5  
127 13.1 11.6 17.4

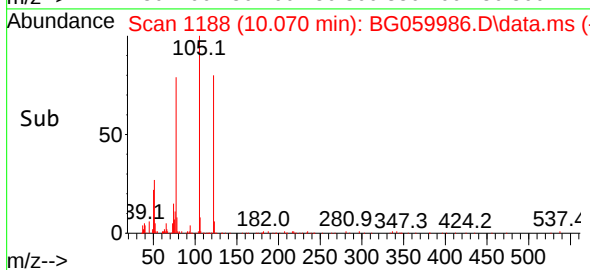
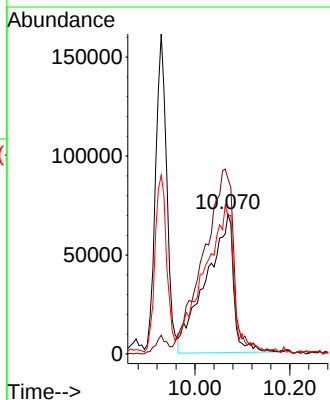
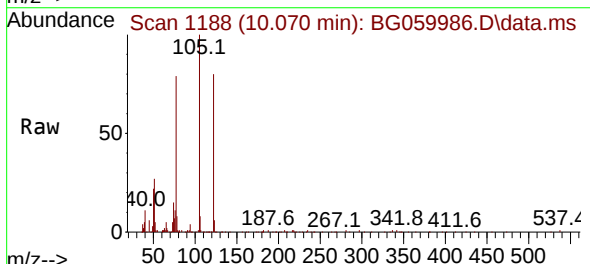
Manual Integrations  
APPROVED

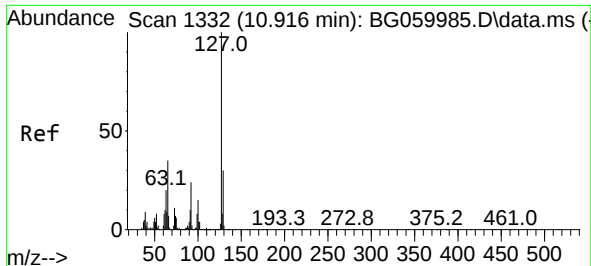
Reviewed By :Yogesh Patel 12/08/2023  
Supervised By :mohammad ahmed 12/08/2023



#32  
Benzoic acid  
Concen: 45.759 ng  
RT: 10.070 min Scan# 1188  
Delta R.T. 0.018 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

Tgt Ion:122 Resp: 281848  
Ion Ratio Lower Upper  
122 100  
105 125.4 96.3 136.3  
77 98.7 76.2 116.2





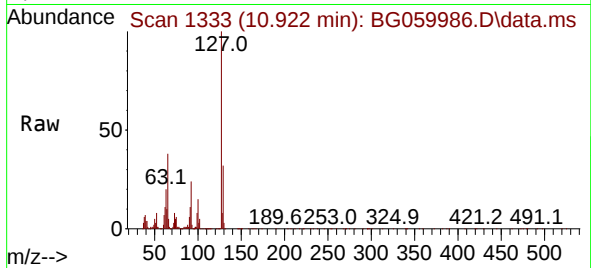
#33  
4-Chloroaniline  
Concen: 46.617 ng  
RT: 10.922 min Scan# 1333  
Delta R.T. 0.006 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

Instrument :

BNL\_G

ClientSampleId :

SSTDIC050



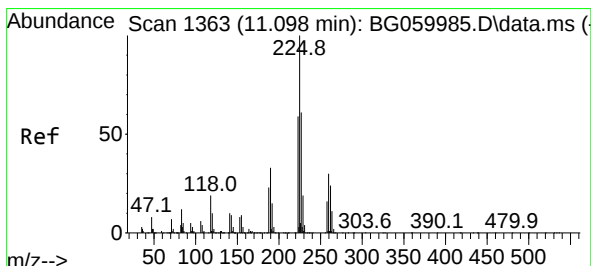
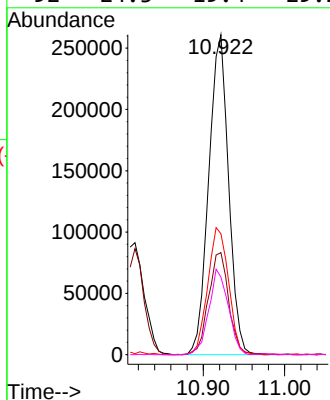
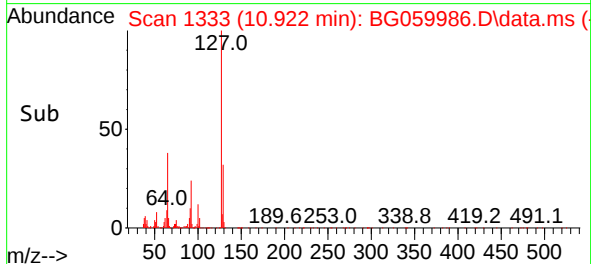
Tgt Ion:127 Resp: 443230  
Ion Ratio Lower Upper  
127 100  
129 31.9 24.3 36.5  
65 37.8 28.2 42.4  
92 24.3 19.4 29.2

Manual Integrations

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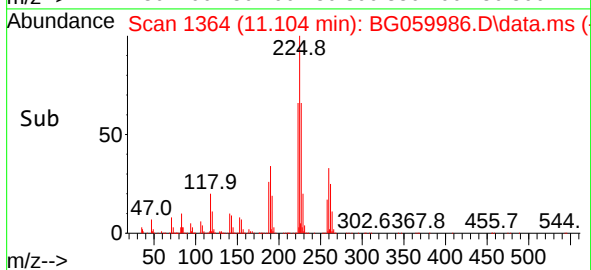
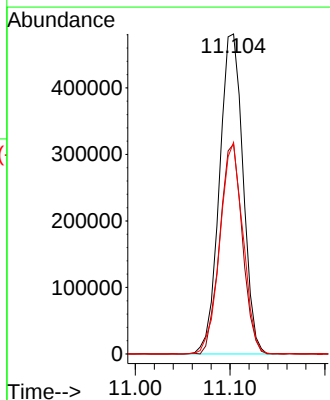
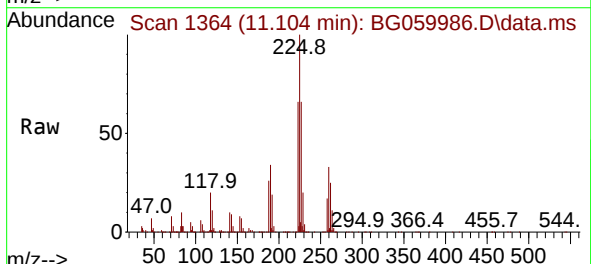
Reviewed By :Yogesh Patel 12/08/2023

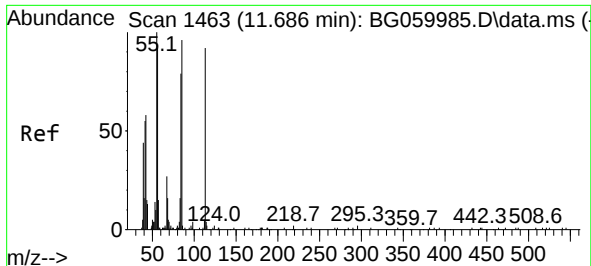
Supervised By :mohammad ahmed 12/08/2023



#34  
Hexachlorobutadiene  
Concen: 47.973 ng  
RT: 11.104 min Scan# 1364  
Delta R.T. 0.006 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

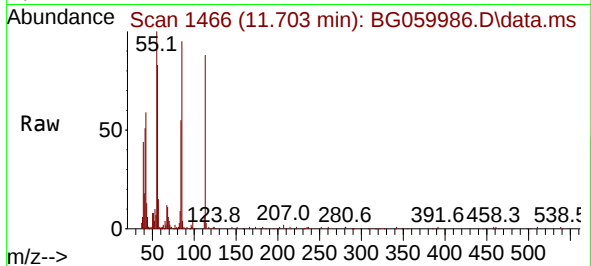
Tgt Ion:225 Resp: 829635  
Ion Ratio Lower Upper  
225 100  
223 65.6 46.8 70.2  
227 66.1 48.6 73.0





#35  
Caprolactam  
Concen: 43.486 ng  
RT: 11.703 min Scan# 1466  
Delta R.T. 0.017 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

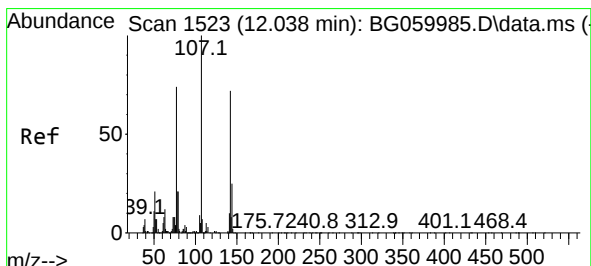
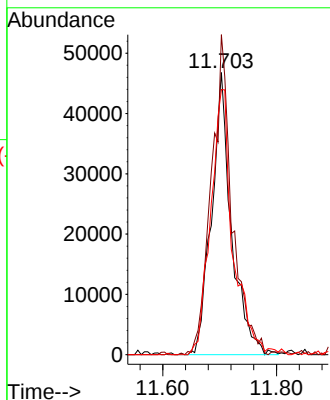
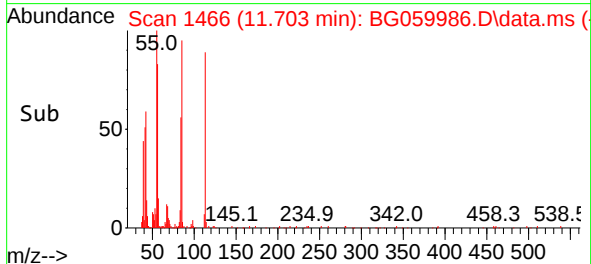
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



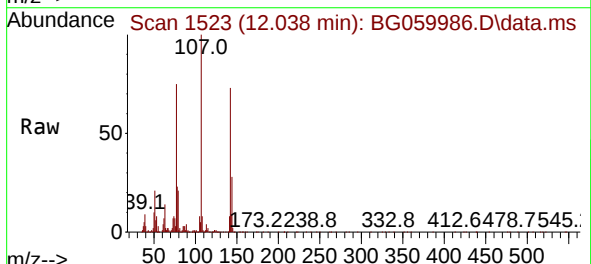
Tgt Ion:113 Resp: 11321  
Ion Ratio Lower Upper  
113 100  
55 113.4 88.3 128.3  
56 94.0 80.0 120.0

Manual Integrations  
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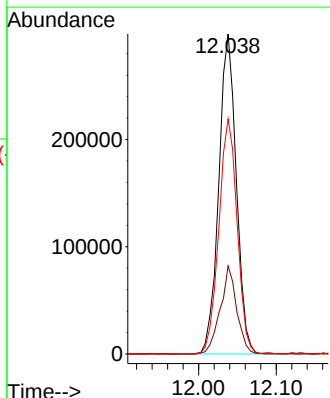
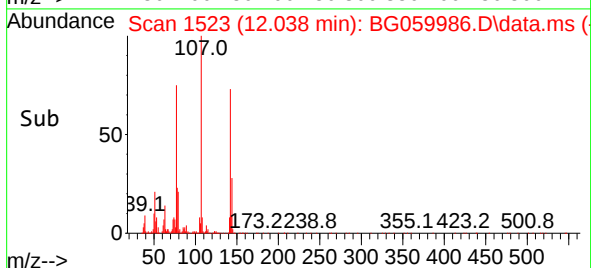
Reviewed By :Yogesh Patel 12/08/2023  
Supervised By :mohammad ahmed 12/08/2023

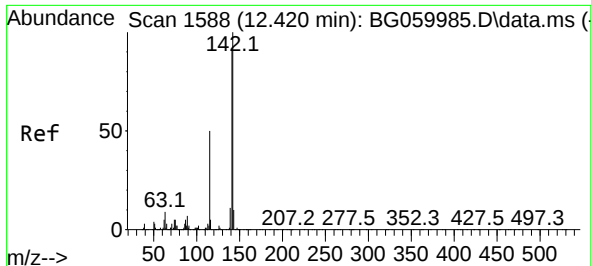


#36  
4-Chloro-3-methylphenol  
Concen: 46.928 ng  
RT: 12.038 min Scan# 1523  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40



Tgt Ion:107 Resp: 470811  
Ion Ratio Lower Upper  
107 100  
144 27.5 20.1 30.1  
142 73.4 57.2 85.8





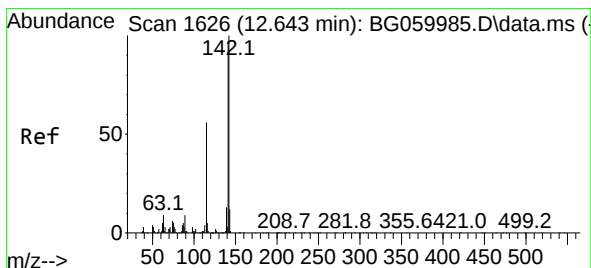
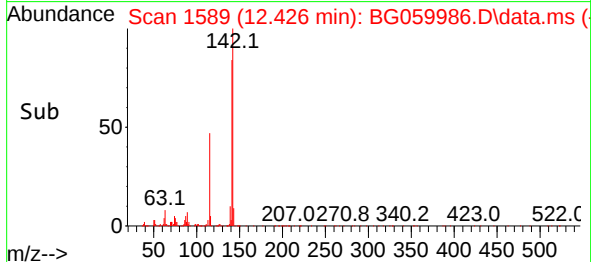
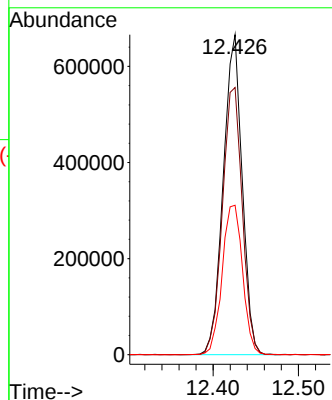
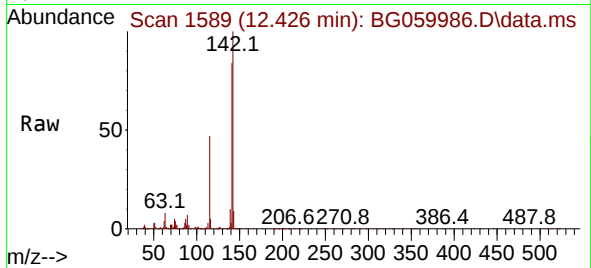
#37  
2-Methylnaphthalene  
Concen: 47.012 ng  
RT: 12.426 min Scan# 1589  
Delta R.T. 0.006 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050

Tgt Ion:142 Resp: 102889  
Ion Ratio Lower Upper  
142 100  
141 83.5 72.5 108.7  
115 46.7 39.9 59.9

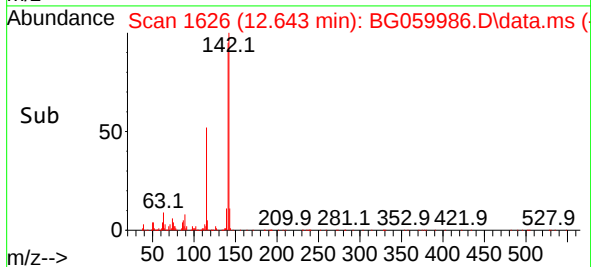
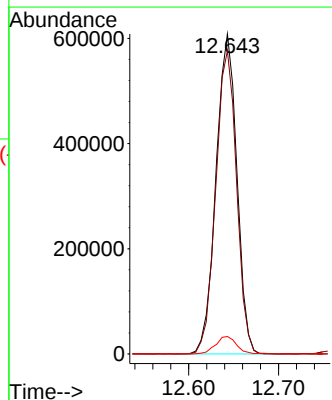
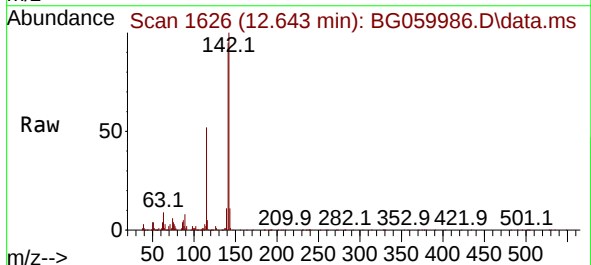
Manual Integrations  
APPROVED

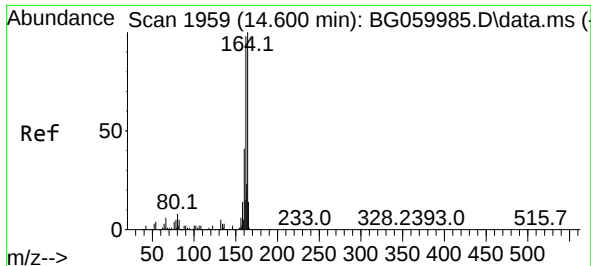
Reviewed By :Yogesh Patel 12/08/2023  
Supervised By :mohammad ahmed 12/08/2023



#38  
1-Methylnaphthalene  
Concen: 47.256 ng  
RT: 12.643 min Scan# 1626  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

Tgt Ion:142 Resp: 982384  
Ion Ratio Lower Upper  
142 100  
141 94.8 77.0 115.6  
116 5.4 4.1 6.1





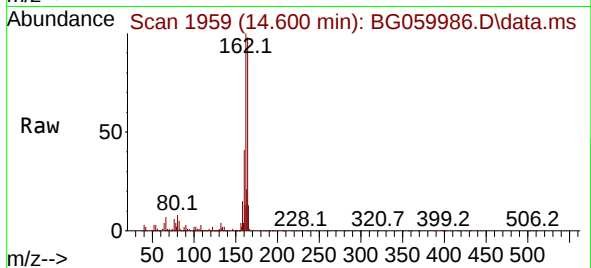
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.600 min Scan# 1959  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050



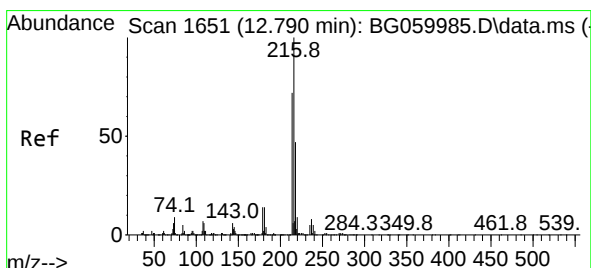
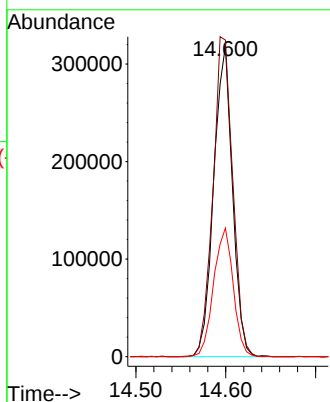
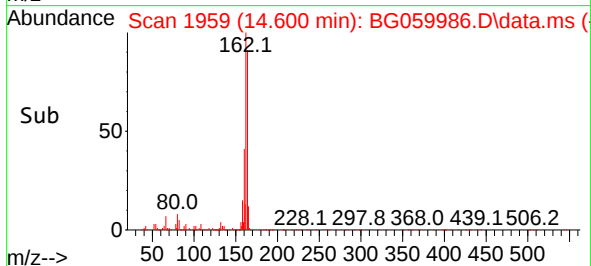
Tgt Ion:164 Resp: 462534  
Ion Ratio Lower Upper  
164 100  
162 101.8 78.1 117.1  
160 41.4 32.9 49.3

Manual Integrations

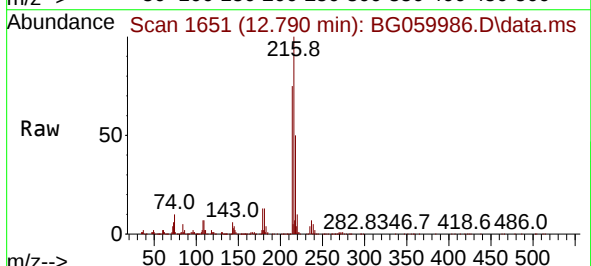
APPROVED

Reviewed By :Yogesh Patel 12/08/2023

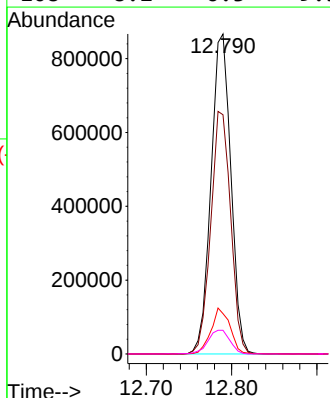
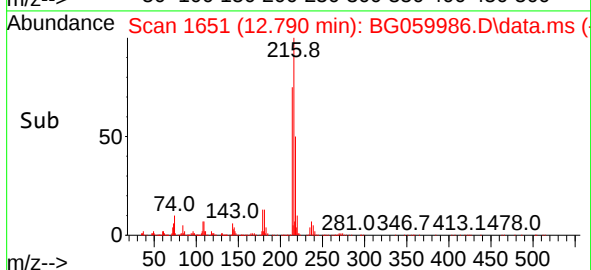
Supervised By :mohammad ahmed 12/08/2023

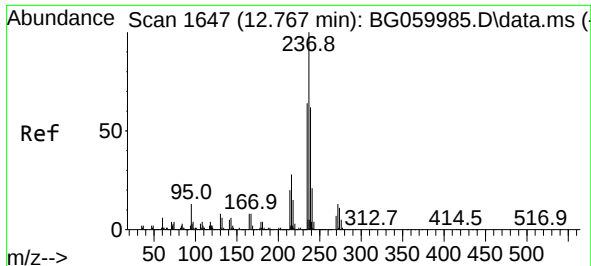


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 47.389 ng  
RT: 12.790 min Scan# 1651  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40



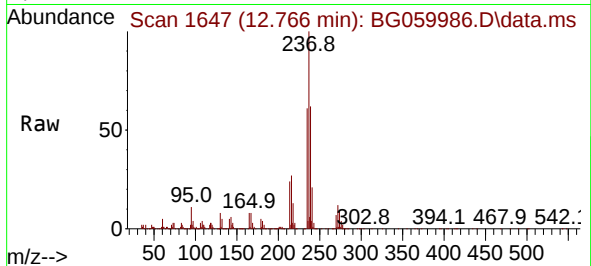
Tgt Ion:216 Resp: 1401798  
Ion Ratio Lower Upper  
216 100  
214 75.7 59.9 89.9  
179 13.8 11.2 16.8  
108 8.2 6.3 9.5





#41  
Hexachlorocyclopentadiene  
Concen: 47.301 ng  
RT: 12.766 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

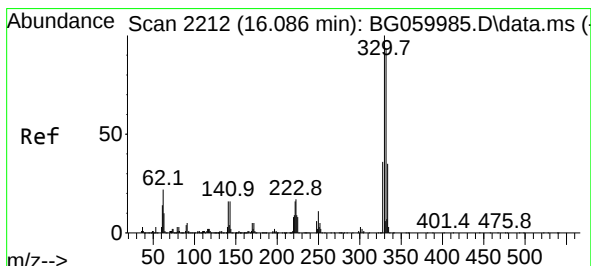
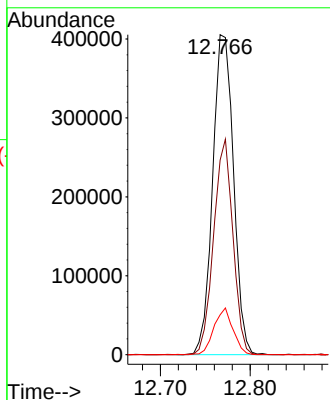
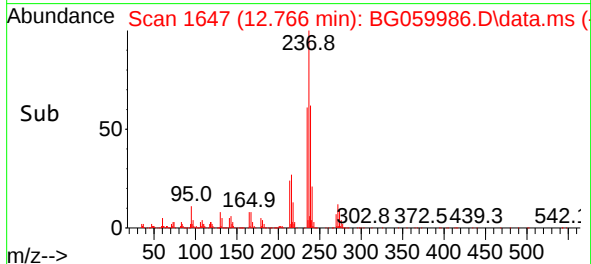
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:237 Resp: 653778  
Ion Ratio Lower Upper  
237 100  
235 60.8 44.3 84.3  
272 12.4 0.0 33.3

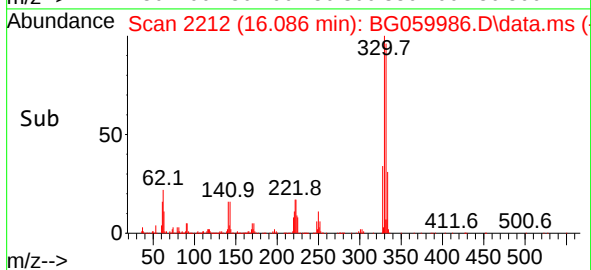
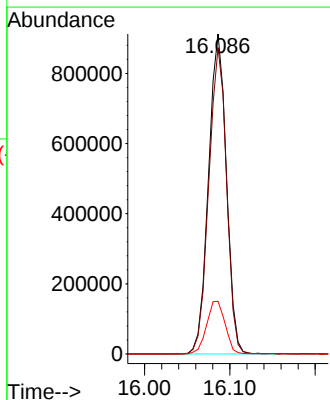
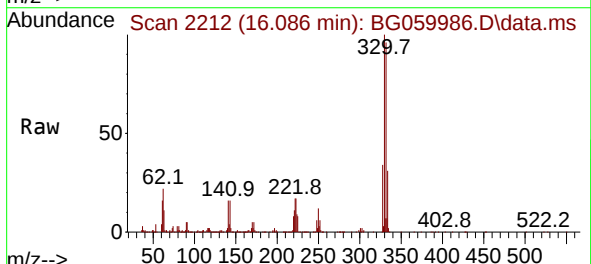
Manual Integrations  
APPROVED

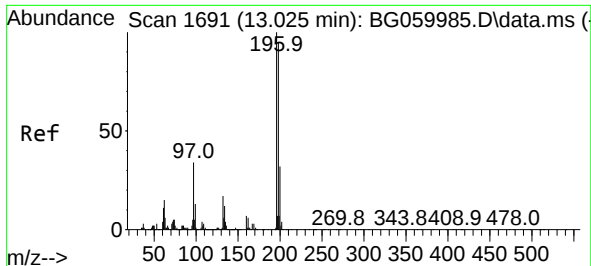
Reviewed By :Yogesh Patel 12/08/2023  
Supervised By :mohammad ahmed 12/08/2023



#42  
2,4,6-Tribromophenol  
Concen: 98.748 ng  
RT: 16.086 min Scan# 2212  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

Tgt Ion:330 Resp: 1327580  
Ion Ratio Lower Upper  
330 100  
332 95.0 75.0 112.6  
141 17.1 13.2 19.8





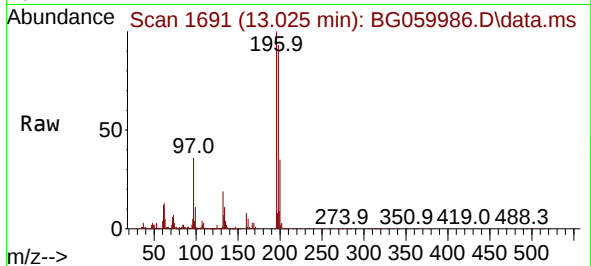
#43  
2,4,6-Trichlorophenol  
Concen: 49.703 ng  
RT: 13.025 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050



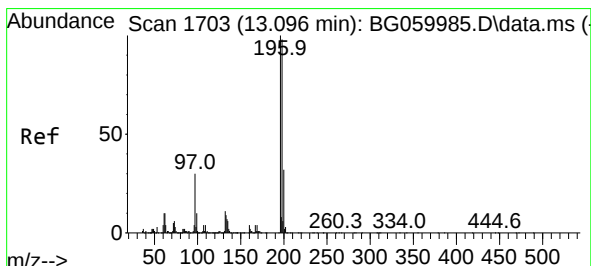
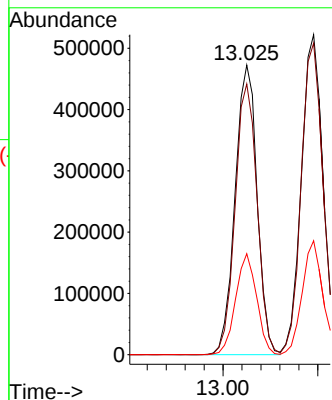
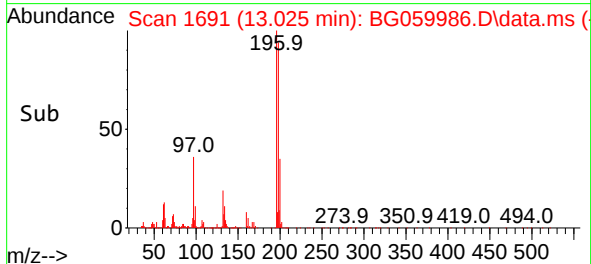
Tgt Ion:196 Resp: 761958  
Ion Ratio Lower Upper  
196 100  
198 93.5 76.5 114.7  
200 34.9 25.6 38.4

Manual Integrations

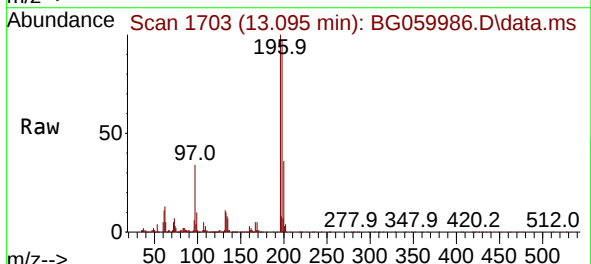
APPROVED

Reviewed By :Yogesh Patel 12/08/2023

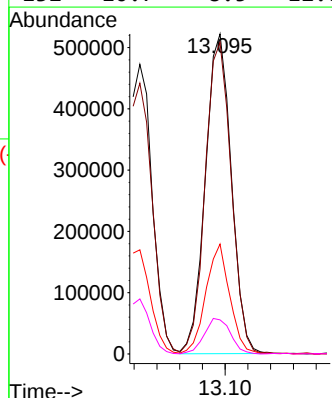
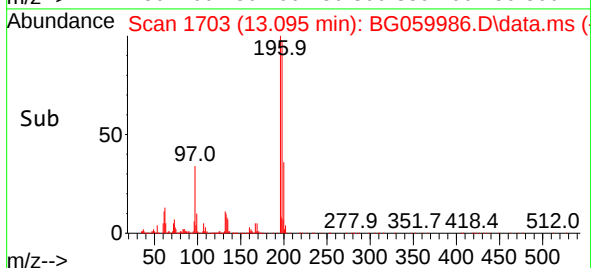
Supervised By :mohammad ahmed 12/08/2023

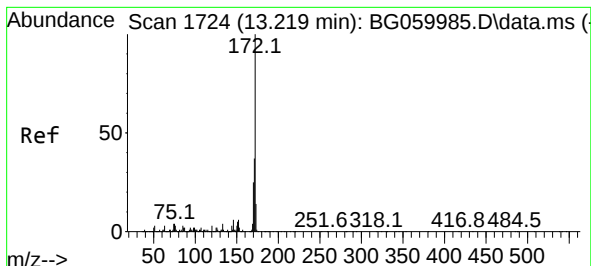


#44  
2,4,5-Trichlorophenol  
Concen: 47.742 ng  
RT: 13.095 min Scan# 1703  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40



Tgt Ion:196 Resp: 825348  
Ion Ratio Lower Upper  
196 100  
198 97.3 78.6 117.8  
97 34.4 23.8 35.8  
132 10.7 8.5 12.7





#45  
2-Fluorobiphenyl  
Concen: 94.757 ng  
RT: 13.225 min Scan# 1725  
Delta R.T. 0.006 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

Instrument :

BNA\_G

ClientSampleId :

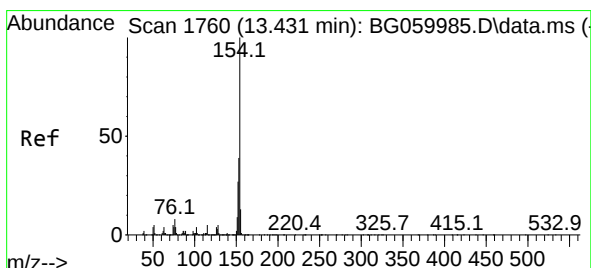
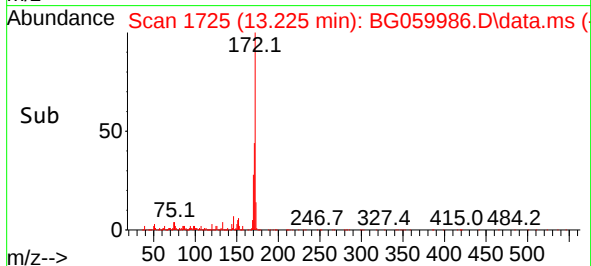
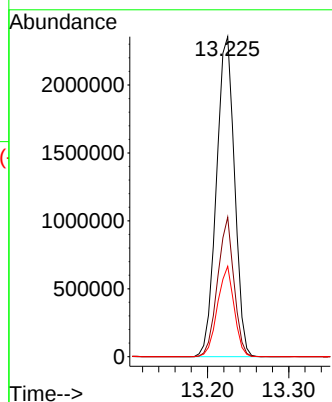
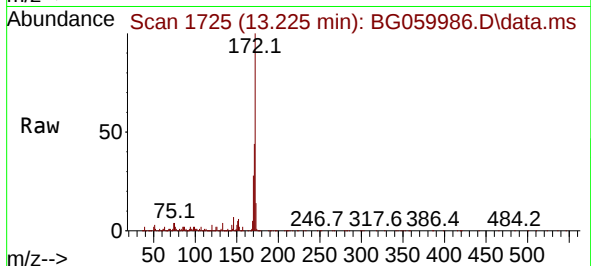
SSTDICC050

Tgt Ion:172 Resp: 364734  
Ion Ratio Lower Upper  
172 100  
171 43.6 29.9 44.9  
170 28.3 19.8 29.8

Manual Integrations

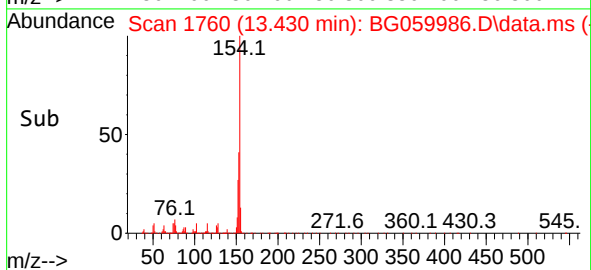
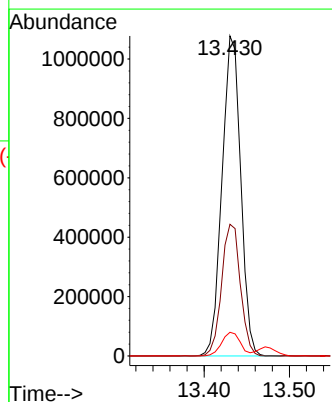
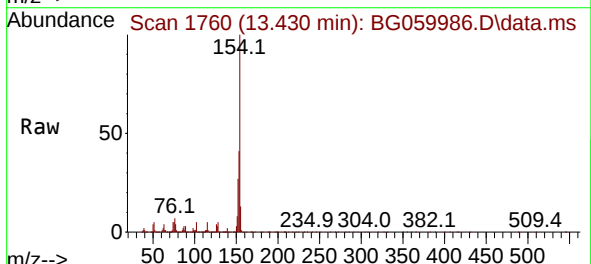
APPROVED

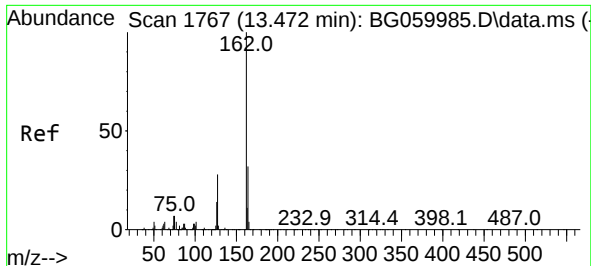
Reviewed By :Yogesh Patel 12/08/2023  
Supervised By :mohammad ahmed 12/08/2023



#46  
1,1'-Biphenyl  
Concen: 48.812 ng  
RT: 13.430 min Scan# 1760  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

Tgt Ion:154 Resp: 1642243  
Ion Ratio Lower Upper  
154 100  
153 41.1 19.1 59.1  
76 7.4 0.0 27.6





#47  
2-Chloronaphthalene  
Concen: 49.665 ng  
RT: 13.472 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

Instrument :

BNA\_G

ClientSampleId :

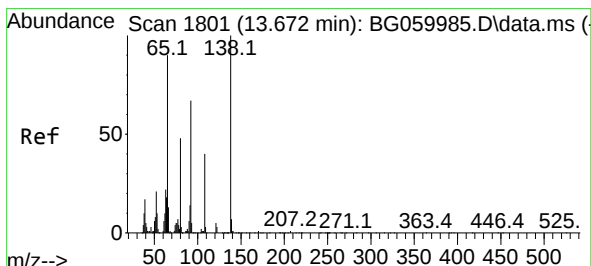
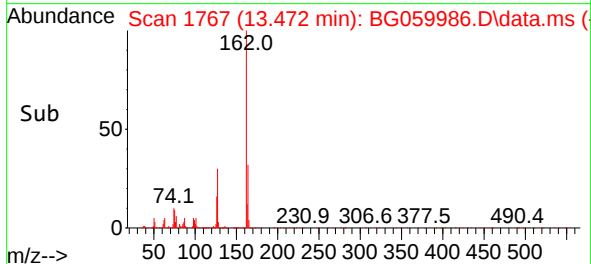
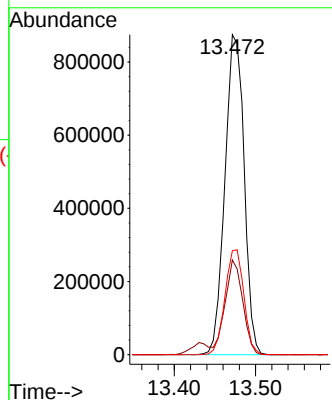
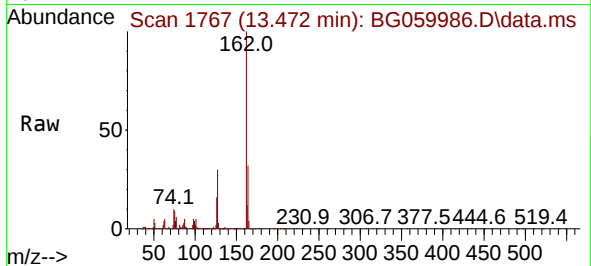
SSTDICC050

Tgt Ion:162 Resp: 143864  
Ion Ratio Lower Upper  
162 100  
127 29.6 23.1 34.7  
164 32.5 25.8 38.6

Manual Integrations

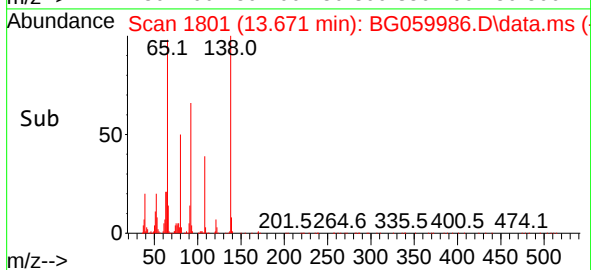
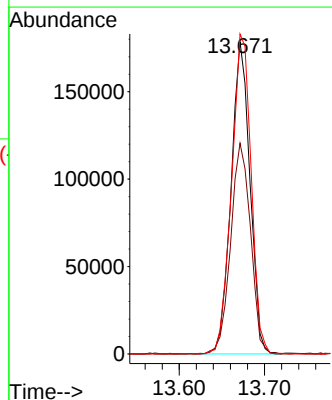
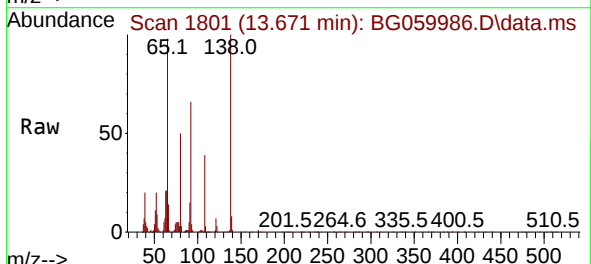
APPROVED

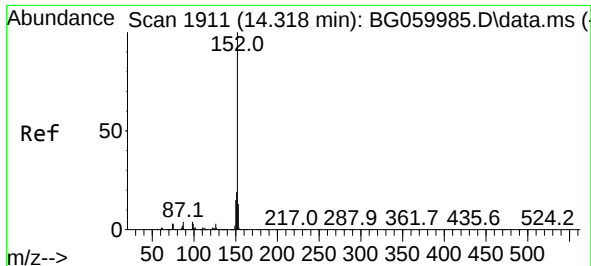
Reviewed By :Yogesh Patel 12/08/2023  
Supervised By :mohammad ahmed 12/08/2023



#48  
2-Nitroaniline  
Concen: 48.693 ng  
RT: 13.671 min Scan# 1801  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

Tgt Ion: 65 Resp: 275359  
Ion Ratio Lower Upper  
65 100  
92 67.5 59.8 89.6  
138 102.5 88.8 133.2





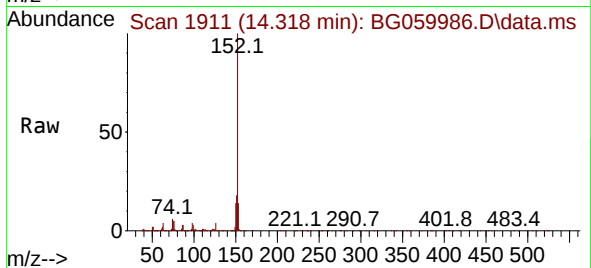
#49  
Acenaphthylene  
Concen: 47.595 ng  
RT: 14.318 min Scan# 1911  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050



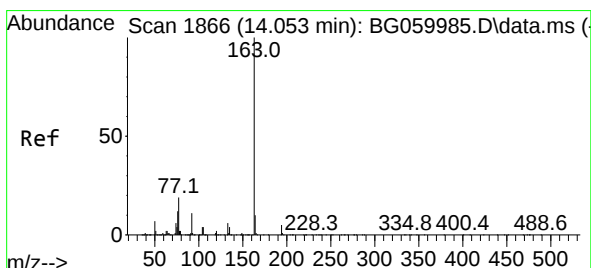
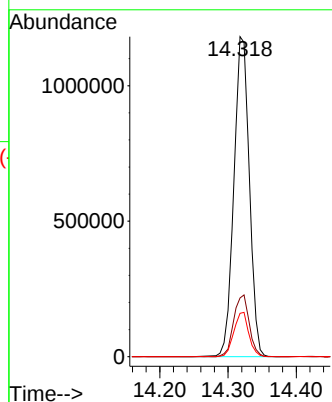
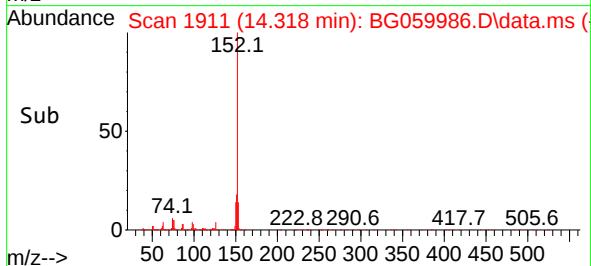
Tgt Ion:152 Resp: 1858898  
Ion Ratio Lower Upper  
152 100  
151 18.3 15.1 22.7  
153 13.5 10.3 15.5

Manual Integrations

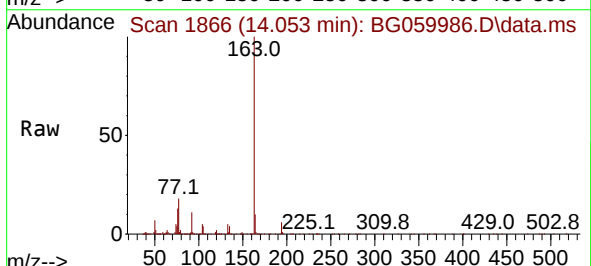
APPROVED

Reviewed By :Yogesh Patel 12/08/2023

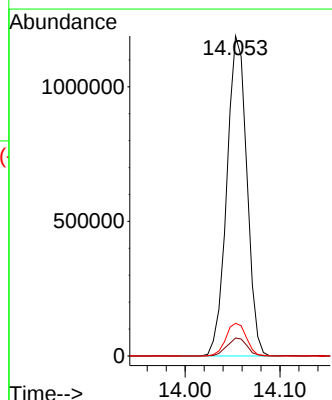
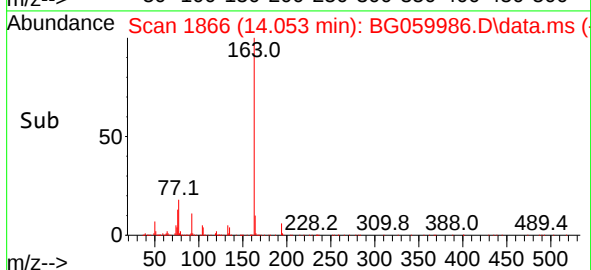
Supervised By :mohammad ahmed 12/08/2023

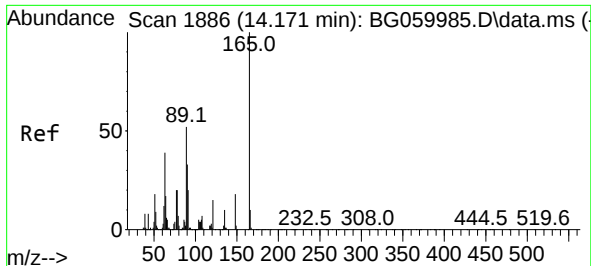


#50  
Dimethylphthalate  
Concen: 47.375 ng  
RT: 14.053 min Scan# 1866  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40



Tgt Ion:163 Resp: 1746607  
Ion Ratio Lower Upper  
163 100  
194 5.6 4.2 6.2  
164 10.2 7.7 11.5





#51  
2,6-Dinitrotoluene  
Concen: 48.749 ng  
RT: 14.171 min Scan# 1886  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

Instrument :

BNA\_G

ClientSampleId :

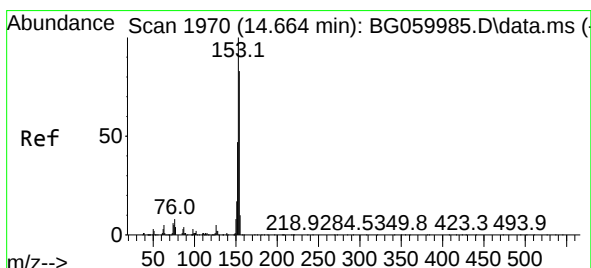
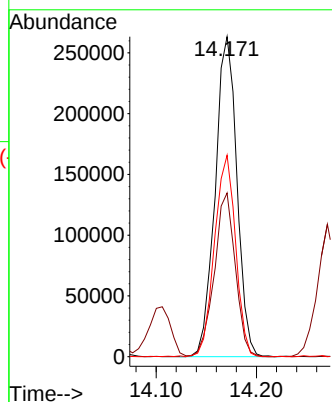
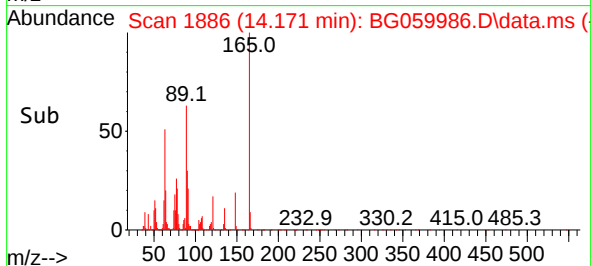
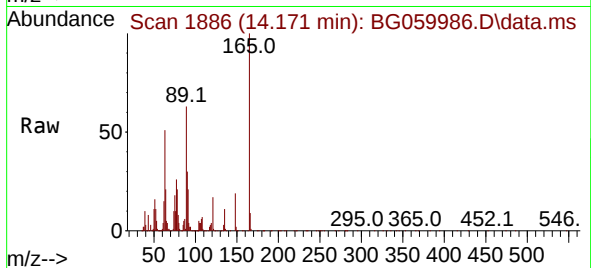
SSTDICC050

Tgt Ion:165 Resp: 395610  
Ion Ratio Lower Upper  
165 100  
63 51.2 34.7 52.1  
89 63.0 41.6 62.4

Manual Integrations

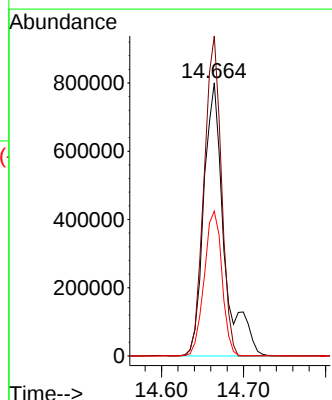
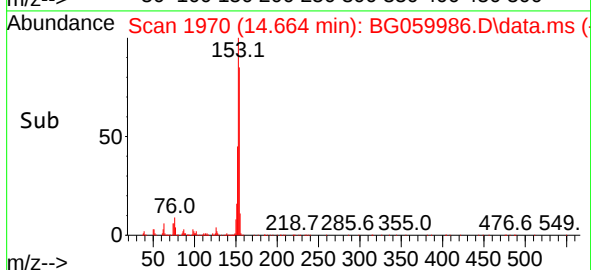
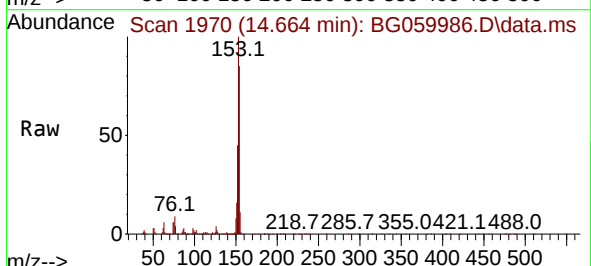
APPROVED

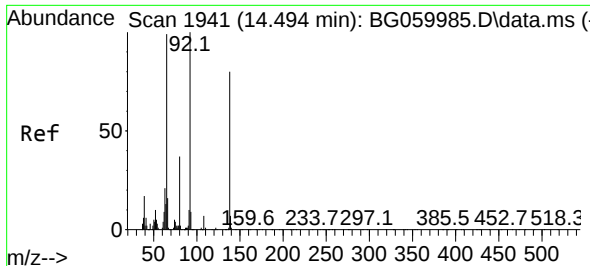
Reviewed By :Yogesh Patel 12/08/2023  
Supervised By :mohammad ahmed 12/08/2023



#52  
Acenaphthene  
Concen: 48.737 ng m  
RT: 14.664 min Scan# 1970  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

Tgt Ion:154 Resp: 1379982  
Ion Ratio Lower Upper  
154 100  
153 117.1 96.0 144.0  
152 53.0 45.4 68.2





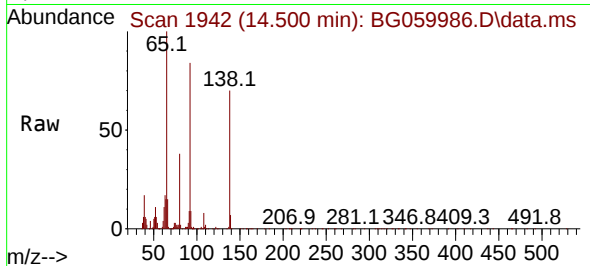
#53  
3-Nitroaniline  
Concen: 47.377 ng  
RT: 14.500 min Scan# 1942  
Delta R.T. 0.006 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

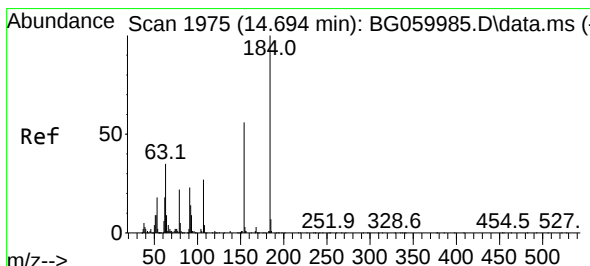
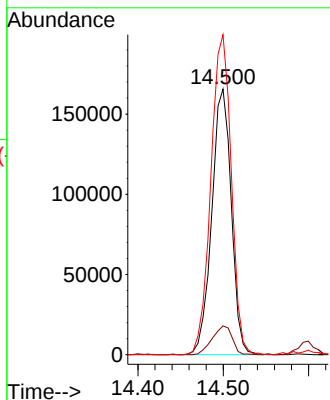
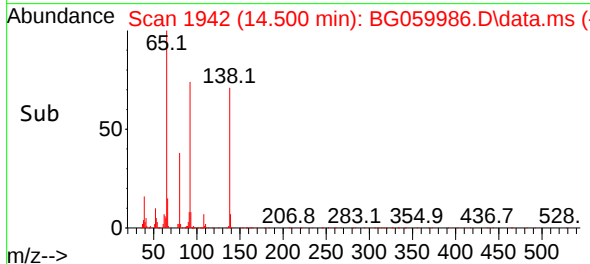


Tgt Ion:138 Resp: 262950  
Ion Ratio Lower Upper  
138 100  
108 10.8 7.4 11.0  
92 120.5 100.2 150.4

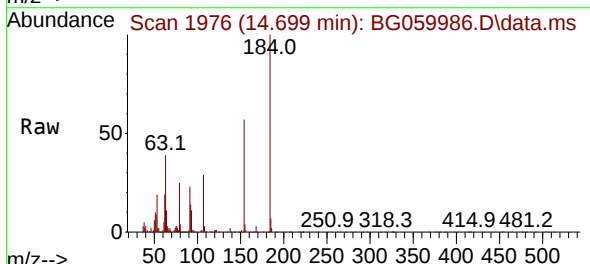
Manual Integrations

APPROVED

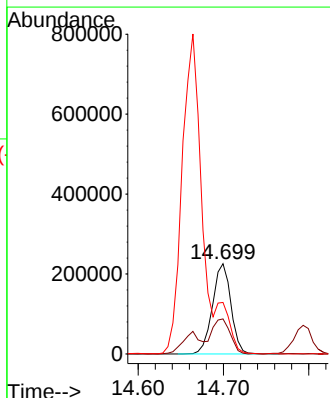
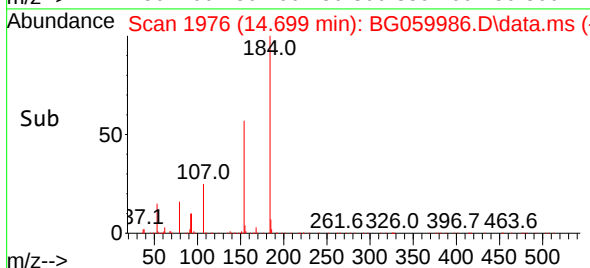
Reviewed By :Yogesh Patel 12/08/2023  
Supervised By :mohammad ahmed 12/08/2023

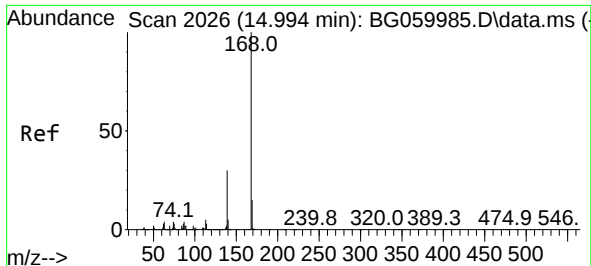


#54  
2,4-Dinitrophenol  
Concen: 50.241 ng  
RT: 14.699 min Scan# 1976  
Delta R.T. 0.006 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40



Tgt Ion:184 Resp: 338901  
Ion Ratio Lower Upper  
184 100  
63 38.8 28.5 42.7  
154 57.1 45.6 68.4





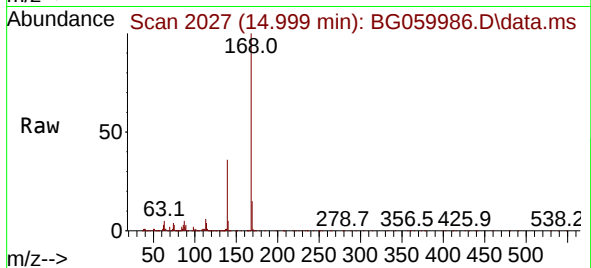
#55  
Dibenzenofuran  
Concen: 47.738 ng  
RT: 14.999 min Scan# 2026  
Delta R.T. 0.006 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050



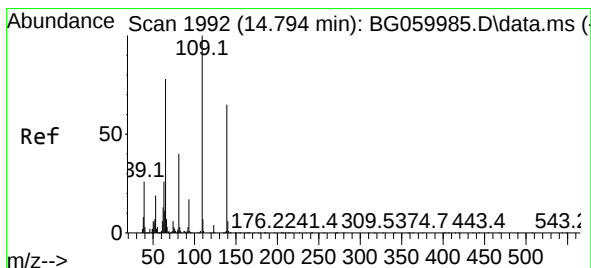
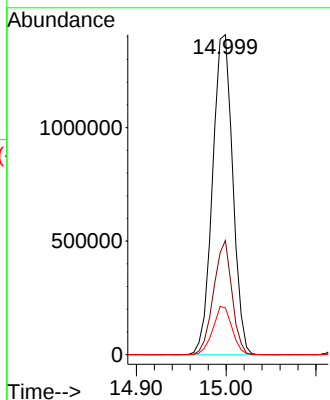
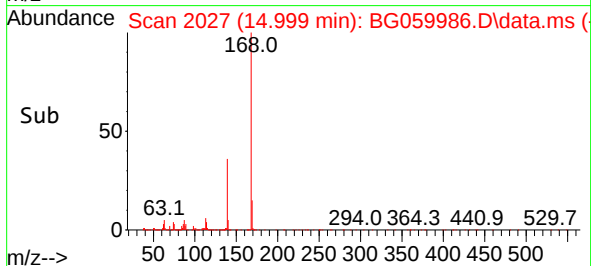
Tgt Ion:168 Resp: 219612  
Ion Ratio Lower Upper  
168 100  
139 35.7 24.3 36.5  
169 14.7 11.7 17.5

Manual Integrations

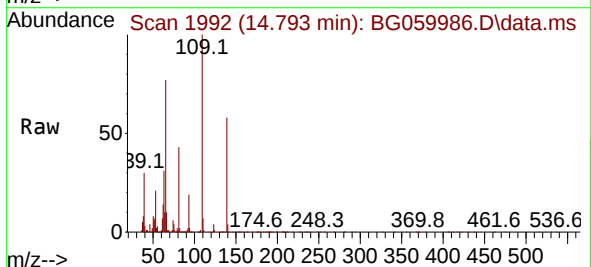
APPROVED

Reviewed By :Yogesh Patel 12/08/2023

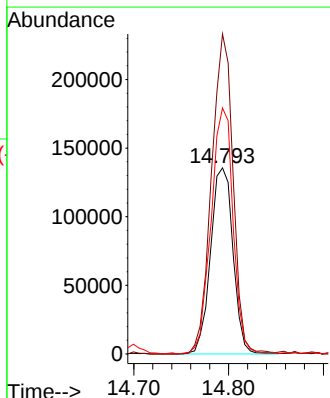
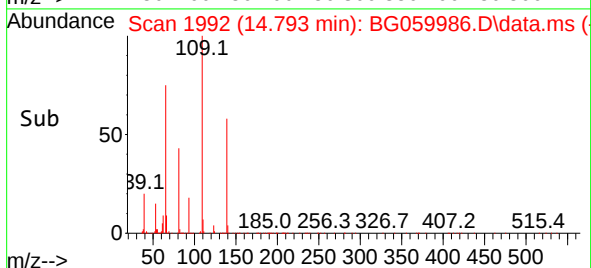
Supervised By :mohammad ahmed 12/08/2023

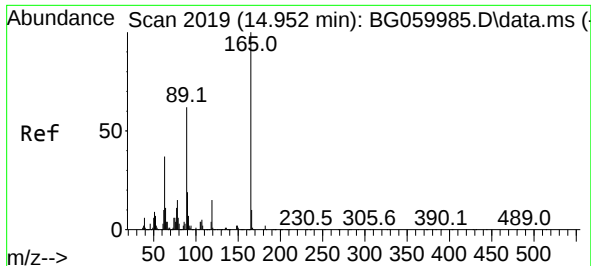


#56  
4-Nitrophenol  
Concen: 47.238 ng  
RT: 14.793 min Scan# 1992  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40



Tgt Ion:139 Resp: 222136  
Ion Ratio Lower Upper  
139 100  
109 172.0 134.7 174.7  
65 132.1 100.9 140.9





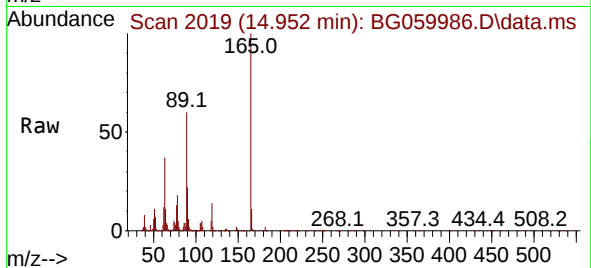
#57  
2,4-Dinitrotoluene  
Concen: 48.086 ng  
RT: 14.952 min Scan# 2019  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

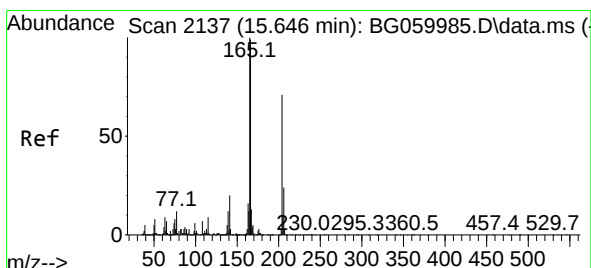
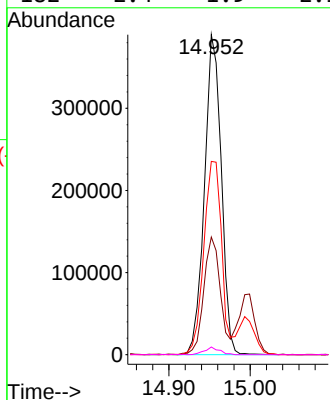
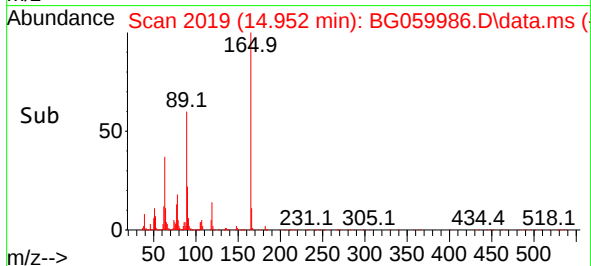


Tgt Ion:165 Resp: 55883  
Ion Ratio Lower Upper  
165 100  
63 36.8 30.1 45.1  
89 60.4 49.9 74.9  
182 2.4 1.9 2.9

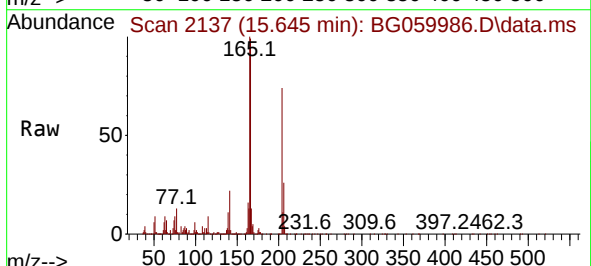
Manual Integrations

APPROVED

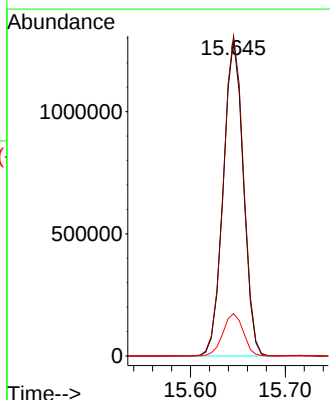
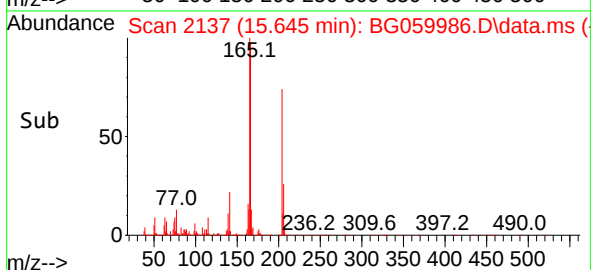
Reviewed By :Yogesh Patel 12/08/2023  
Supervised By :mohammad ahmed 12/08/2023

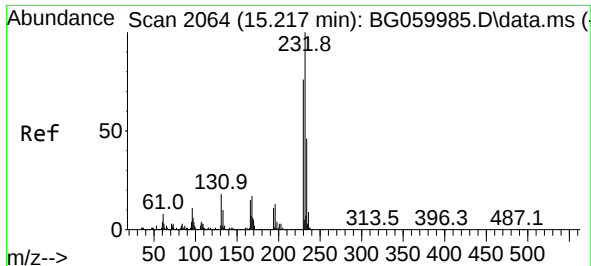


#58  
Fluorene  
Concen: 47.282 ng  
RT: 15.645 min Scan# 2137  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40



Tgt Ion:166 Resp: 1895166  
Ion Ratio Lower Upper  
166 100  
165 101.1 80.8 121.2  
167 13.4 10.6 16.0





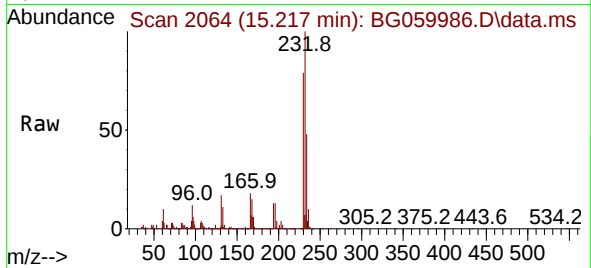
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 48.328 ng m  
RT: 15.217 min Scan# 2064  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050



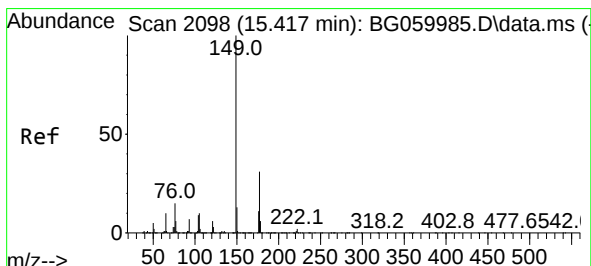
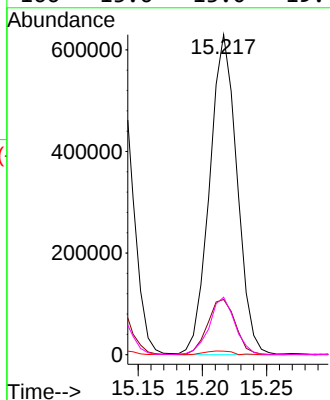
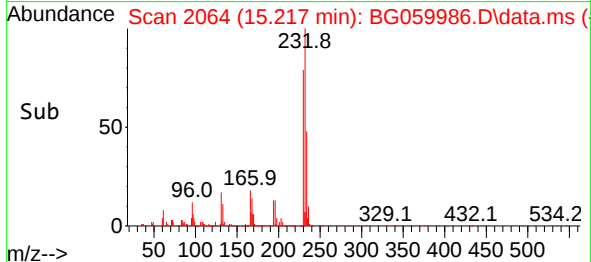
Tgt Ion:232 Resp: 937281  
Ion Ratio Lower Upper  
232 100  
131 16.7 14.9 22.3  
130 1.6 1.2 1.8  
166 13.6 13.0 19.4

Manual Integrations

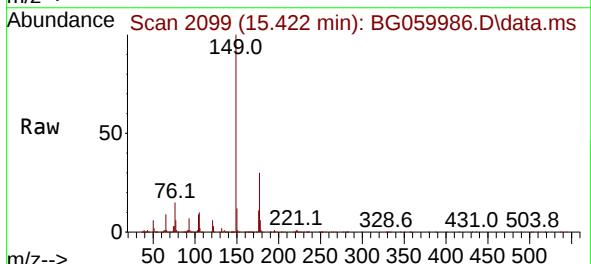
APPROVED

Reviewed By :Yogesh Patel 12/08/2023

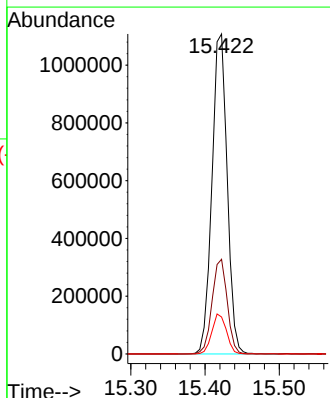
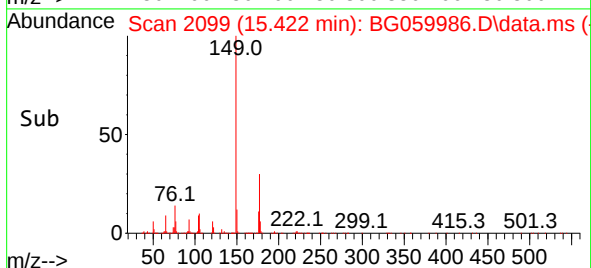
Supervised By :mohammad ahmed 12/08/2023

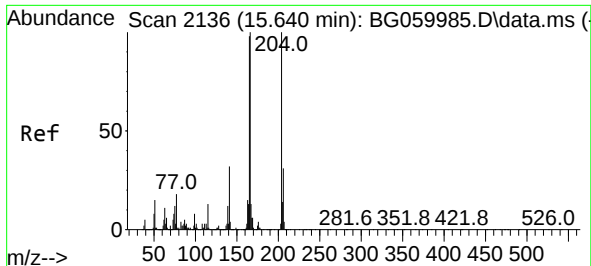


#60  
Diethylphthalate  
Concen: 47.683 ng  
RT: 15.422 min Scan# 2099  
Delta R.T. 0.006 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40



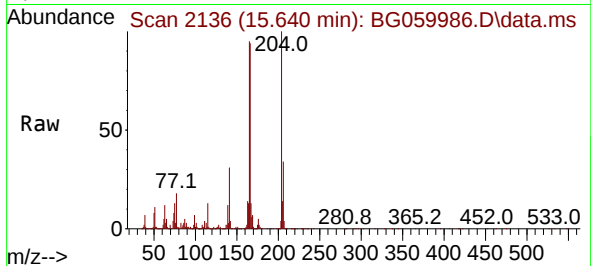
Tgt Ion:149 Resp: 1580698  
Ion Ratio Lower Upper  
149 100  
177 29.6 24.6 36.8  
150 11.6 10.3 15.5





#61  
4-Chlorophenyl-phenylether  
Concen: 47.954 ng  
RT: 15.640 min Scan# 2136  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

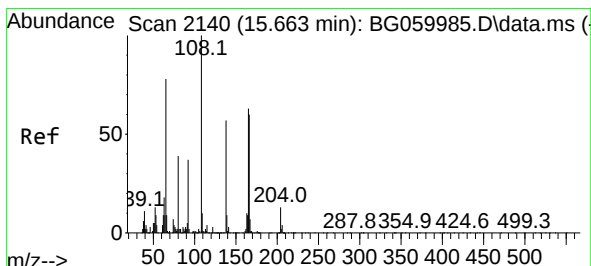
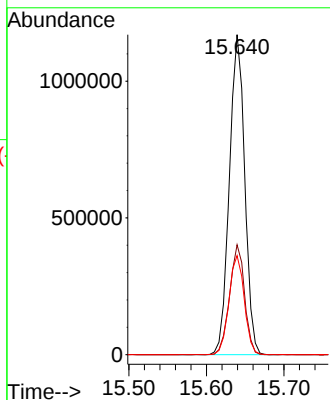
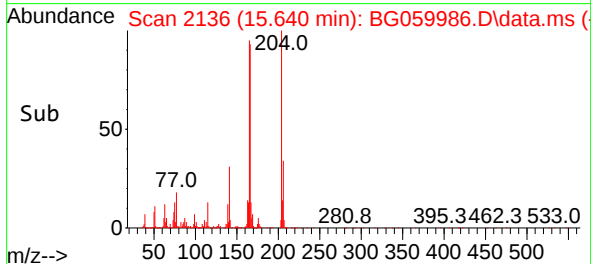
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



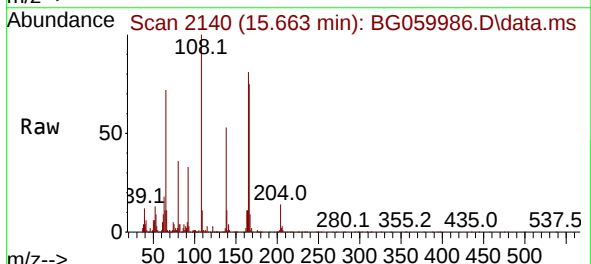
Tgt Ion:204 Resp: 1613679  
Ion Ratio Lower Upper  
204 100  
206 34.4 24.8 37.2  
141 30.9 25.4 38.2

Manual Integrations  
APPROVED

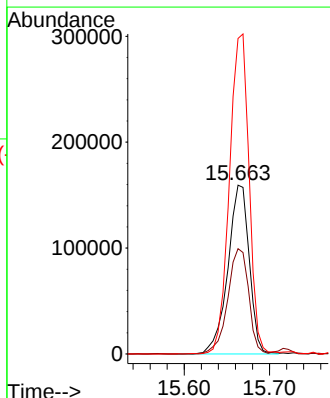
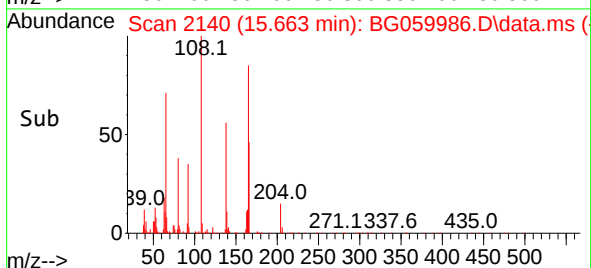
Reviewed By :Yogesh Patel 12/08/2023  
Supervised By :mohammad ahmed 12/08/2023

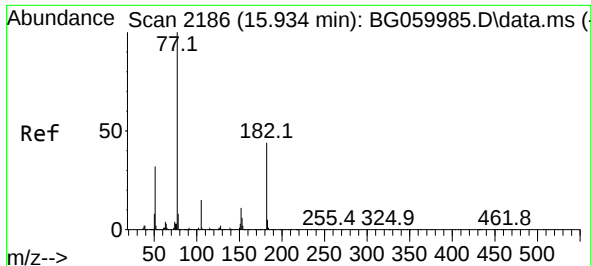


#62  
4-Nitroaniline  
Concen: 45.258 ng  
RT: 15.663 min Scan# 2140  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40



Tgt Ion:138 Resp: 278280  
Ion Ratio Lower Upper  
138 100  
92 62.4 45.7 85.7  
108 187.0 155.8 195.8





#63  
Azobenzene  
Concen: 47.259 ng  
RT: 15.933 min Scan# 2186  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

Instrument :

BNA\_G

ClientSampleId :

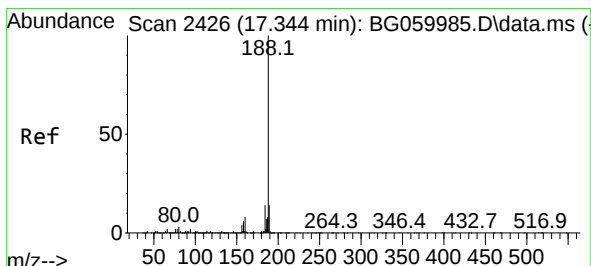
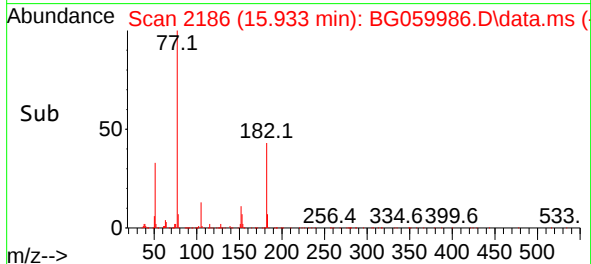
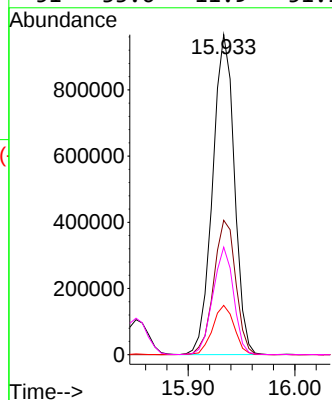
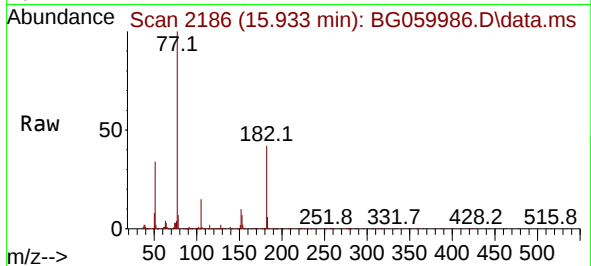
SSTDICC050

Tgt Ion: 77 Resp: 136866  
Ion Ratio Lower Upper  
77 100  
182 42.0 23.5 63.5  
105 15.4 0.0 35.2  
51 33.6 11.9 51.9

Manual Integrations

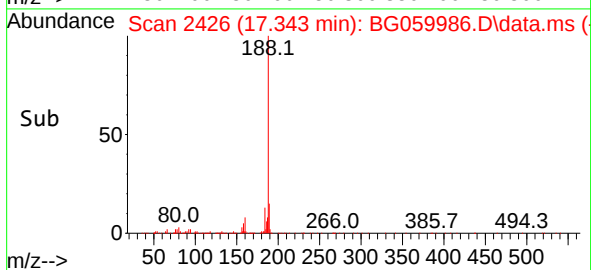
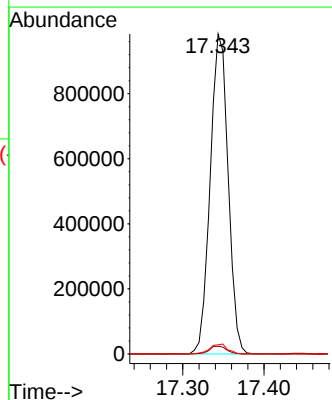
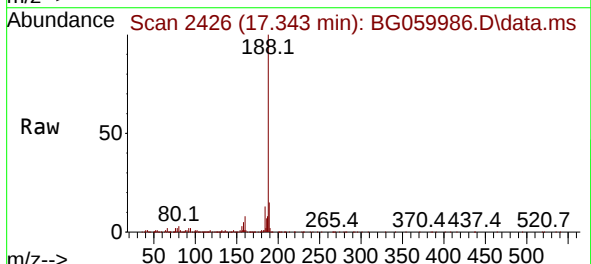
APPROVED

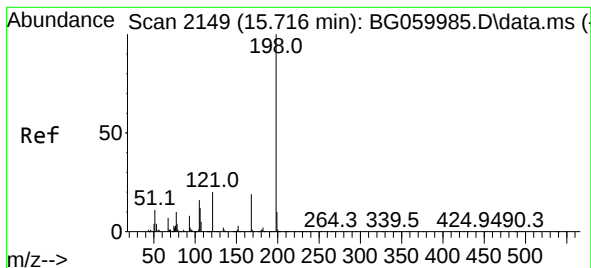
Reviewed By :Yogesh Patel 12/08/2023  
Supervised By :mohammad ahmed 12/08/2023



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.343 min Scan# 2426  
Delta R.T. -0.001 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

Tgt Ion:188 Resp: 1505785  
Ion Ratio Lower Upper  
188 100  
94 2.4 1.8 2.8  
80 2.9 2.6 3.8





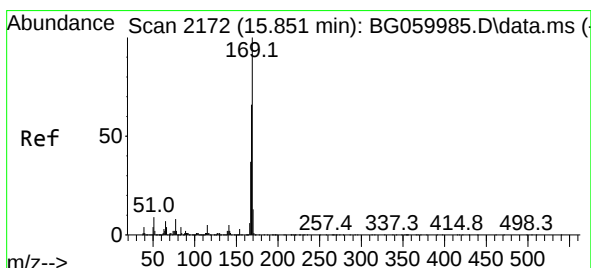
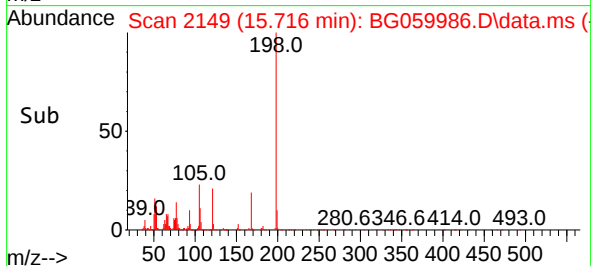
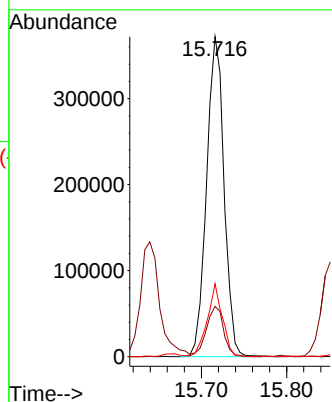
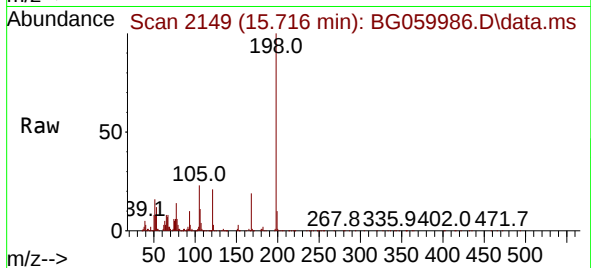
#65  
4,6-Dinitro-2-methylphenol  
Concen: 49.389 ng  
RT: 15.716 min Scan# 2149  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050

Tgt Ion:198 Resp: 530139  
Ion Ratio Lower Upper  
198 100  
51 15.7 0.0 35.2  
105 22.8 0.0 37.7

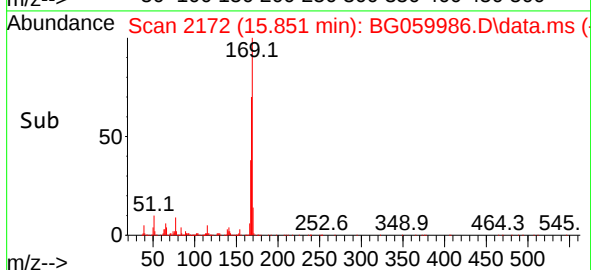
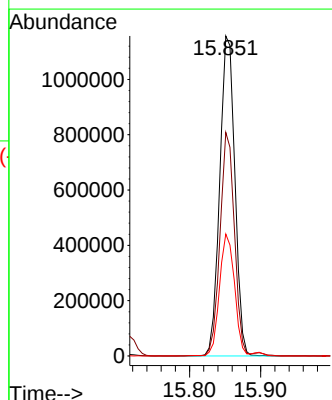
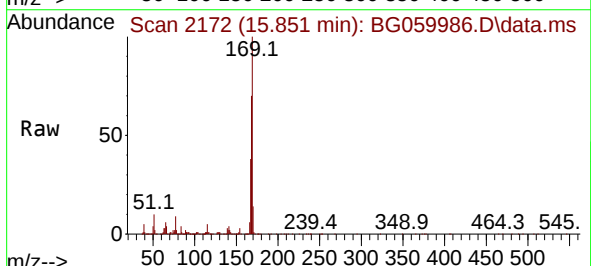
Manual Integrations  
APPROVED

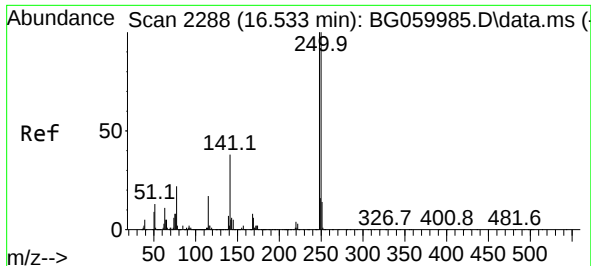
Reviewed By :Yogesh Patel 12/08/2023  
Supervised By :mohammad ahmed 12/08/2023



#66  
n-Nitrosodiphenylamine  
Concen: 47.562 ng  
RT: 15.851 min Scan# 2172  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

Tgt Ion:169 Resp: 1701573  
Ion Ratio Lower Upper  
169 100  
168 69.9 53.0 79.4  
167 38.1 29.6 44.4





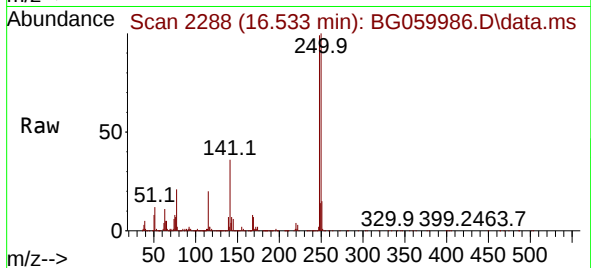
#67  
4-Bromophenyl-phenylether  
Concen: 48.941 ng  
RT: 16.533 min Scan# 2288  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

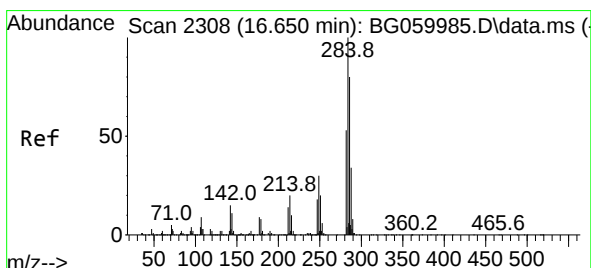
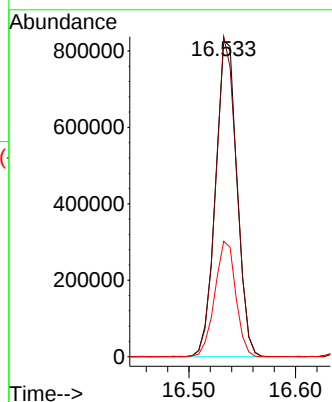
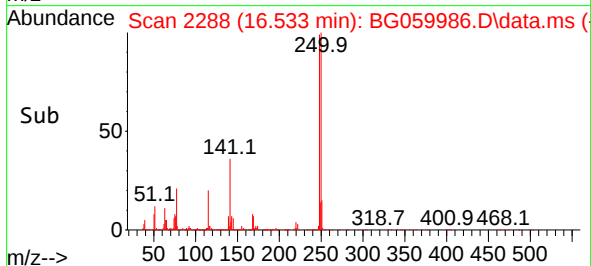


Tgt Ion:248 Resp: 1156199  
Ion Ratio Lower Upper  
248 100  
250 101.2 79.8 119.8  
141 36.5 30.2 45.4

Manual Integrations

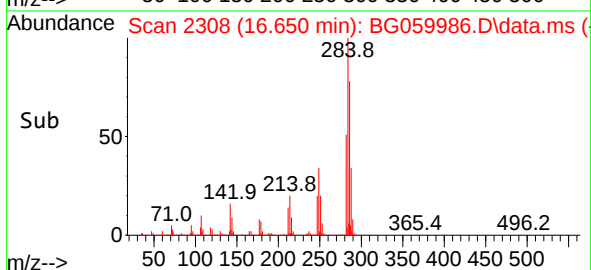
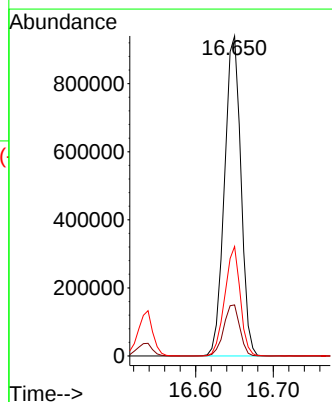
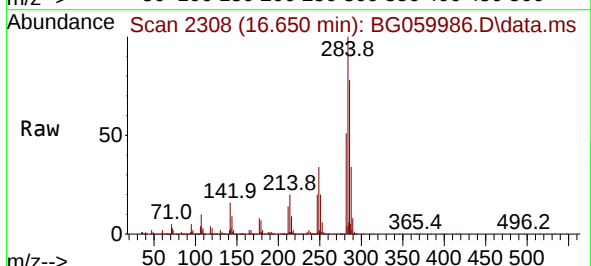
APPROVED

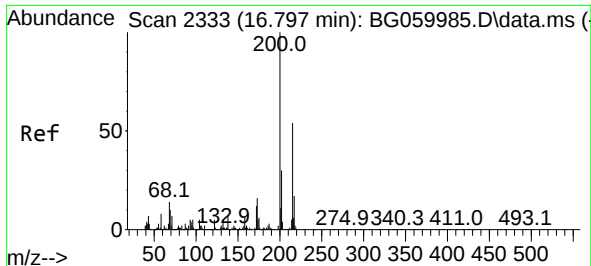
Reviewed By :Yogesh Patel 12/08/2023  
Supervised By :mohammad ahmed 12/08/2023



#68  
Hexachlorobenzene  
Concen: 50.303 ng  
RT: 16.650 min Scan# 2308  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

Tgt Ion:284 Resp: 1382285  
Ion Ratio Lower Upper  
284 100  
142 15.9 12.2 18.2  
249 34.2 24.2 36.2





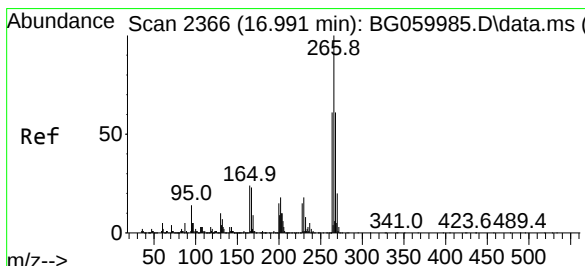
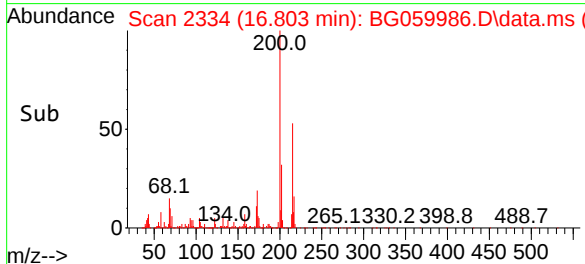
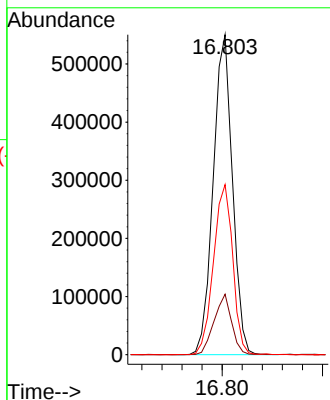
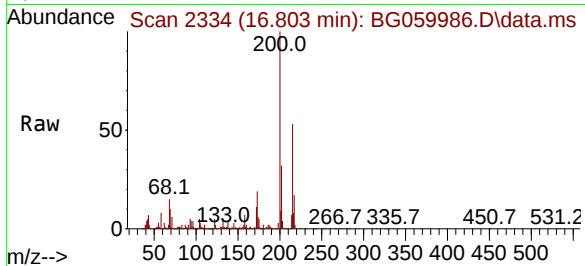
#69  
Atrazine  
Concen: 46.825 ng  
RT: 16.803 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDIC050

Tgt Ion:200 Resp: 731154  
Ion Ratio Lower Upper  
200 100  
173 18.9 0.0 35.9  
215 53.1 33.6 73.6

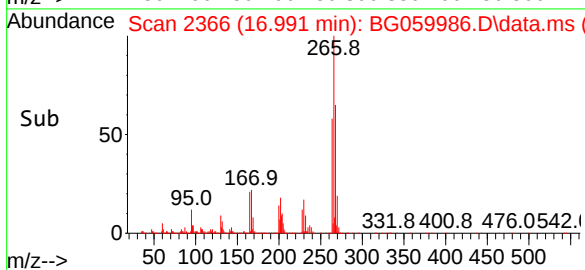
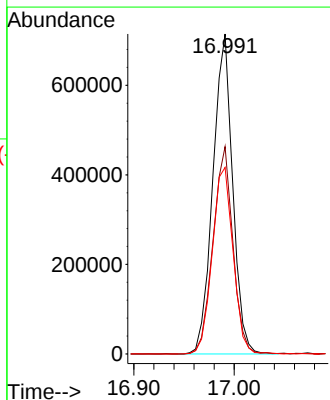
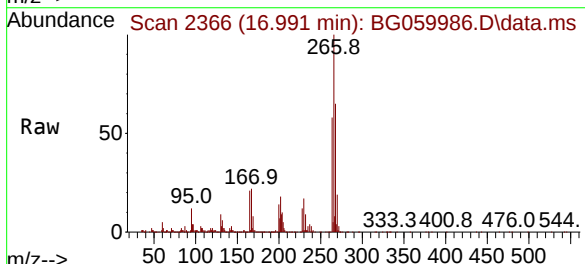
Manual Integrations  
APPROVED

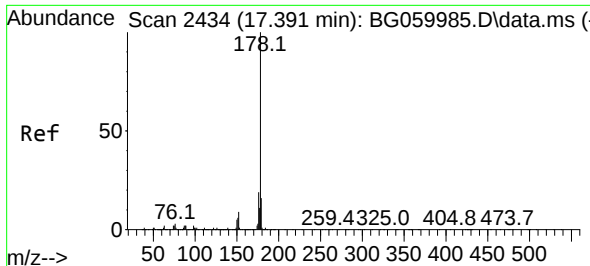
Reviewed By :Yogesh Patel 12/08/2023  
Supervised By :mohammad ahmed 12/08/2023



#70  
Pentachlorophenol  
Concen: 50.818 ng  
RT: 16.991 min Scan# 2366  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

Tgt Ion:266 Resp: 977470  
Ion Ratio Lower Upper  
266 100  
268 64.8 49.1 73.7  
264 58.3 49.1 73.7





#71  
Phenanthrene  
Concen: 47.412 ng  
RT: 17.390 min Scan# 2434  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

Instrument :

BNA\_G

ClientSampleId :

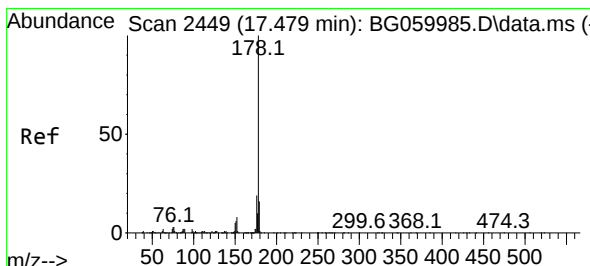
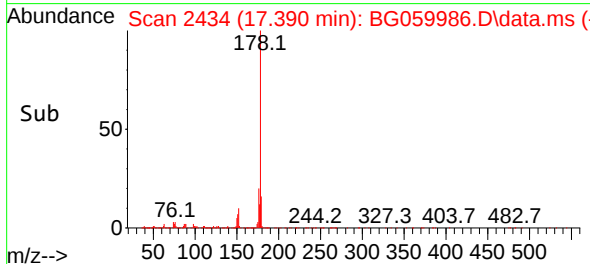
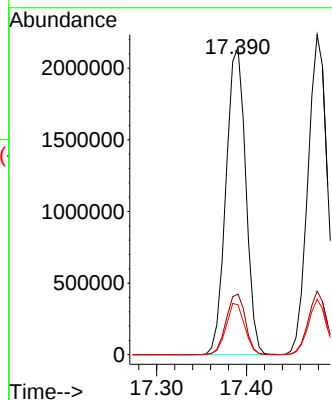
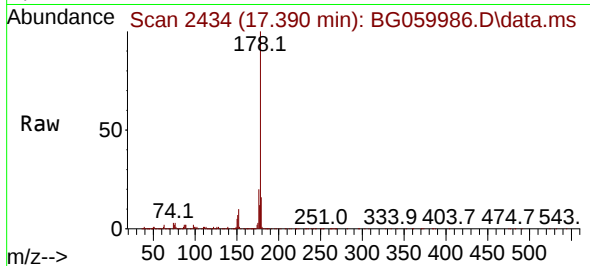
SSTDICC050

Tgt Ion:178 Resp: 326837  
Ion Ratio Lower Upper  
178 100  
176 19.7 15.4 23.0  
179 16.2 12.6 18.8

Manual Integrations

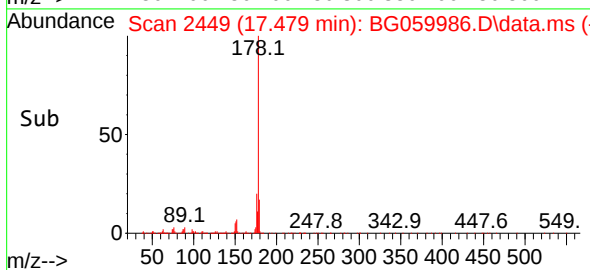
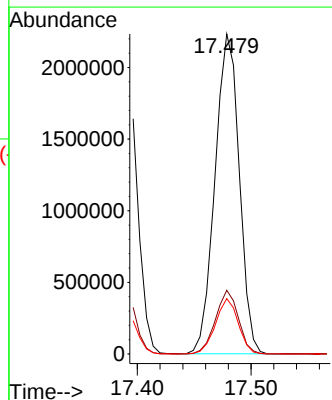
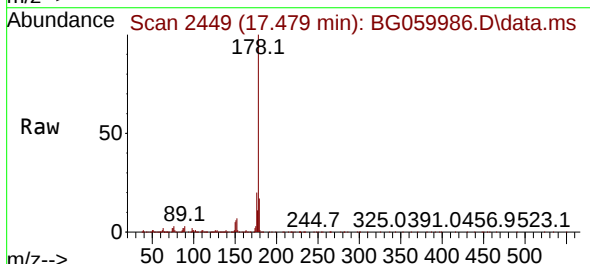
APPROVED

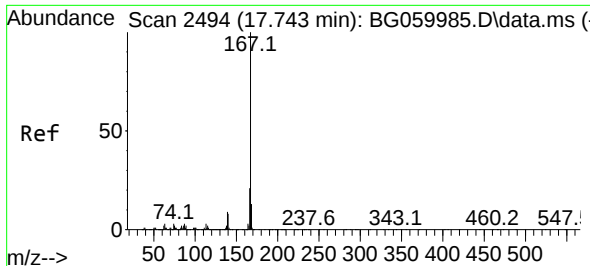
Reviewed By :Yogesh Patel 12/08/2023  
Supervised By :mohammad ahmed 12/08/2023



#72  
Anthracene  
Concen: 47.536 ng  
RT: 17.479 min Scan# 2449  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

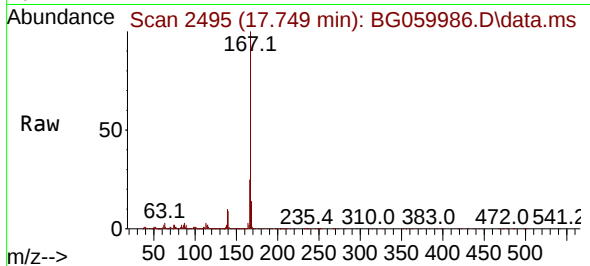
Tgt Ion:178 Resp: 3311847  
Ion Ratio Lower Upper  
178 100  
176 19.9 15.6 23.4  
179 17.3 13.0 19.4





#73  
Carbazole  
Concen: 47.297 ng  
RT: 17.749 min Scan# 2494  
Delta R.T. 0.006 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

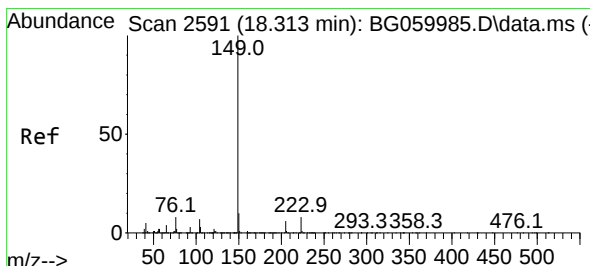
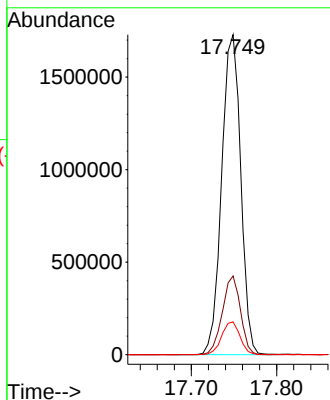
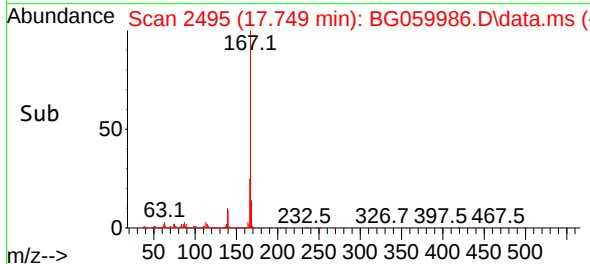
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



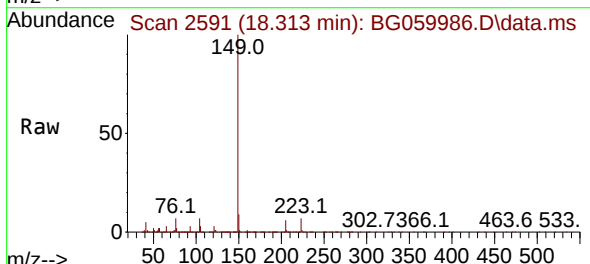
Tgt Ion:167 Resp: 268714  
Ion Ratio Lower Upper  
167 100  
166 24.6 16.9 25.3  
139 10.3 7.0 10.4

Manual Integrations  
APPROVED

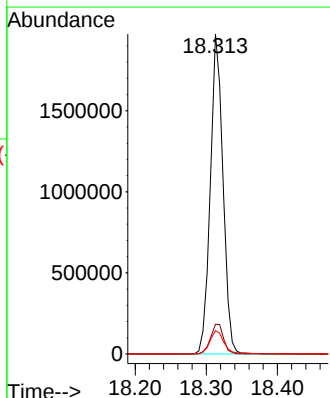
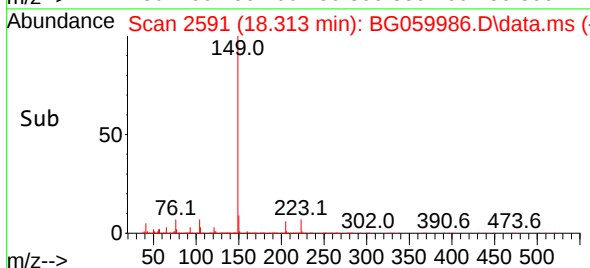
Reviewed By :Yogesh Patel 12/08/2023  
Supervised By :mohammad ahmed 12/08/2023

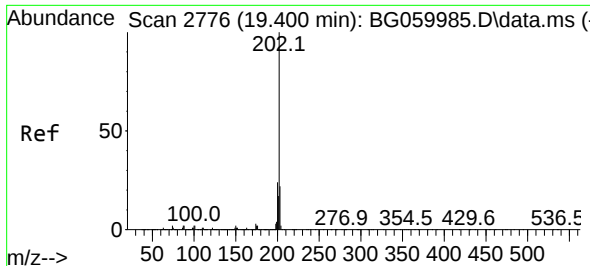


#74  
Di-n-butylphthalate  
Concen: 48.056 ng  
RT: 18.313 min Scan# 2591  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40



Tgt Ion:149 Resp: 2439283  
Ion Ratio Lower Upper  
149 100  
150 9.2 7.8 11.8  
104 7.3 5.6 8.4





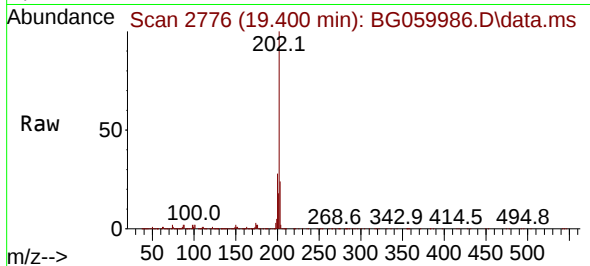
#75  
Fluoranthene  
Concen: 44.164 ng  
RT: 19.400 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050



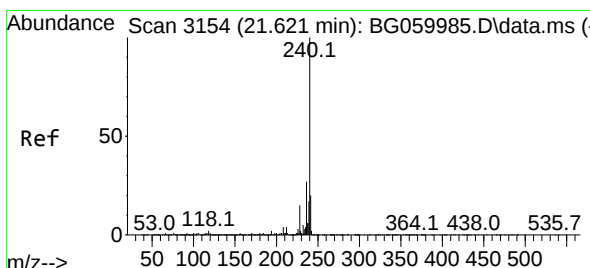
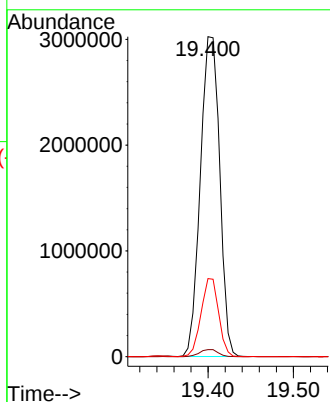
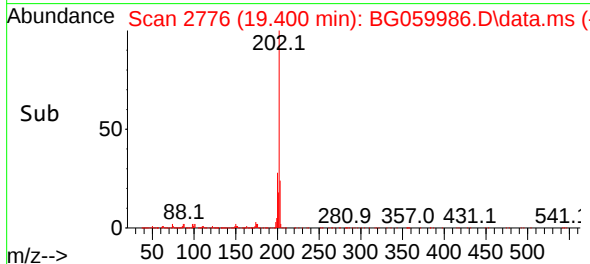
Tgt Ion:202 Resp: 476672  
Ion Ratio Lower Upper  
202 100  
101 2.2 0.0 22.5  
203 24.4 2.5 42.5

Manual Integrations

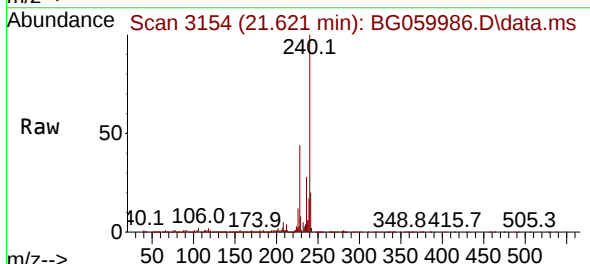
APPROVED

Reviewed By :Yogesh Patel 12/08/2023

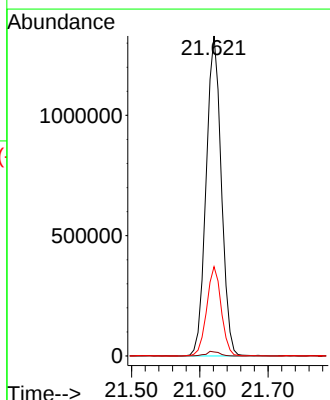
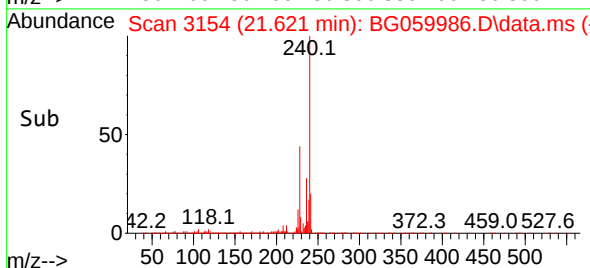
Supervised By :mohammad ahmed 12/08/2023

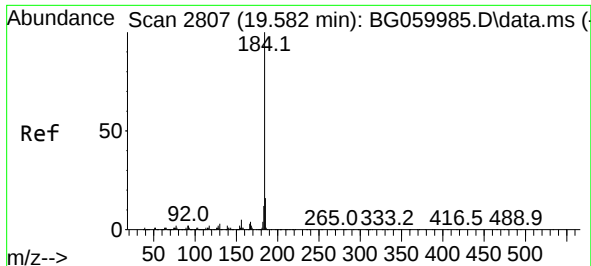


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.621 min Scan# 3154  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40



Tgt Ion:240 Resp: 2058590  
Ion Ratio Lower Upper  
240 100  
120 1.3 0.9 1.3  
236 27.9 21.4 32.2





#77  
Benzidine  
Concen: 73.037 ng  
RT: 19.582 min Scan# 2807  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

Instrument :

BNA\_G

ClientSampleId :

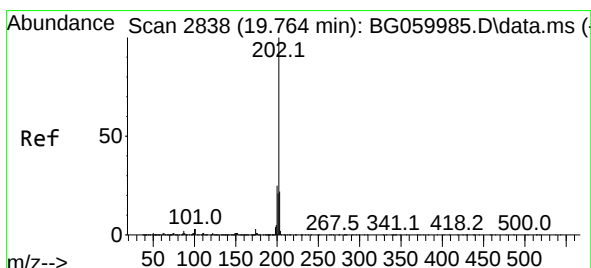
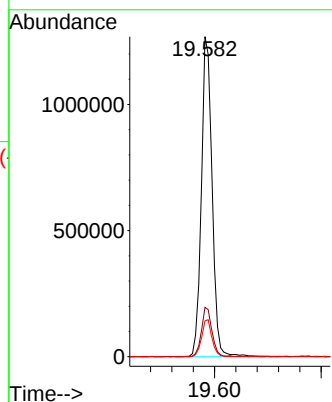
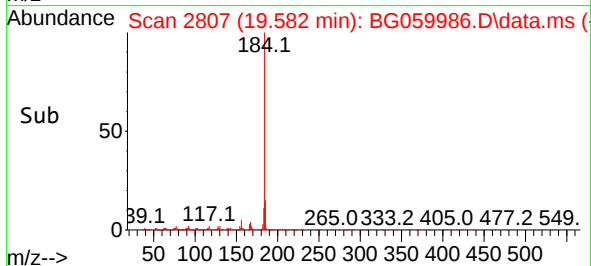
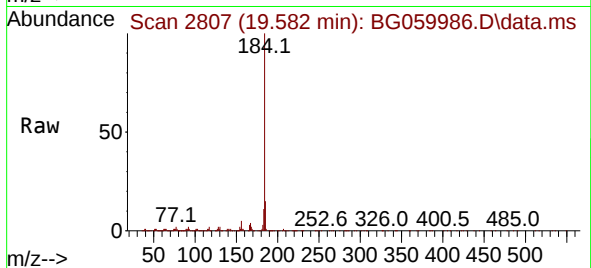
SSTDICC050

Tgt Ion:184 Resp: 1764000  
Ion Ratio Lower Upper  
184 100  
185 15.4 12.7 19.1  
183 11.2 9.6 14.4

Manual Integrations

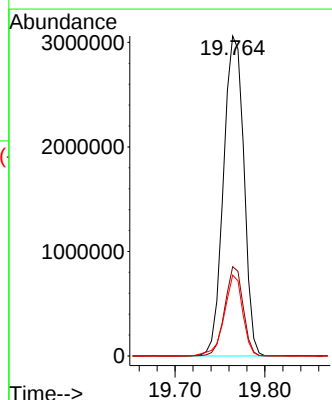
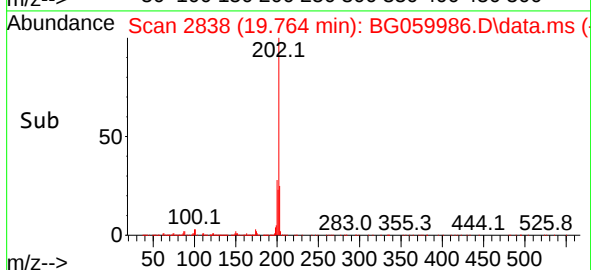
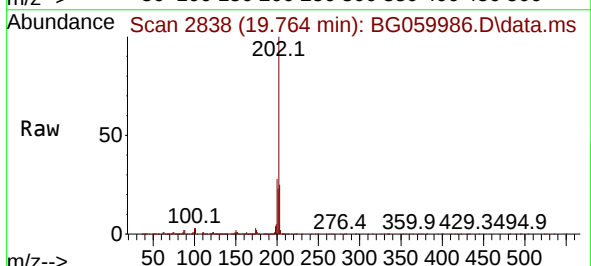
APPROVED

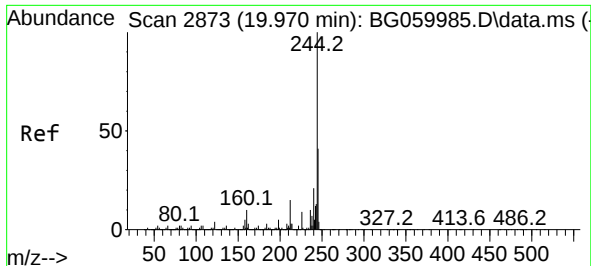
Reviewed By :Yogesh Patel 12/08/2023  
Supervised By :mohammad ahmed 12/08/2023



#78  
Pyrene  
Concen: 43.728 ng  
RT: 19.764 min Scan# 2838  
Delta R.T. 0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

Tgt Ion:202 Resp: 4821623  
Ion Ratio Lower Upper  
202 100  
200 27.9 19.9 29.9  
203 25.3 17.3 25.9





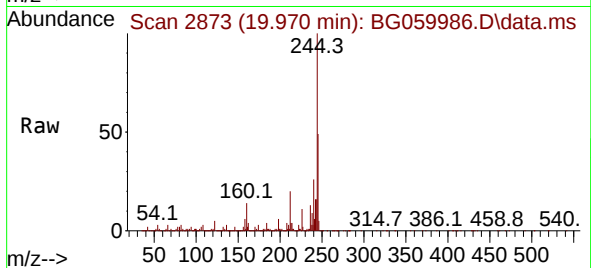
#79  
 Terphenyl-d14  
 Concen: 89.795 ng  
 RT: 19.970 min Scan# 2873  
 Delta R.T. -0.000 min  
 Lab File: BG059986.D  
 Acq: 7 Dec 2023 14:40

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

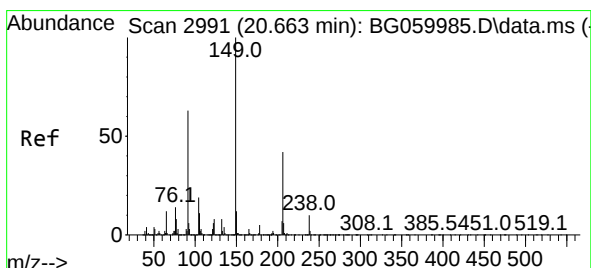
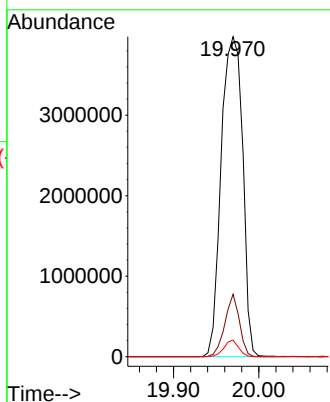
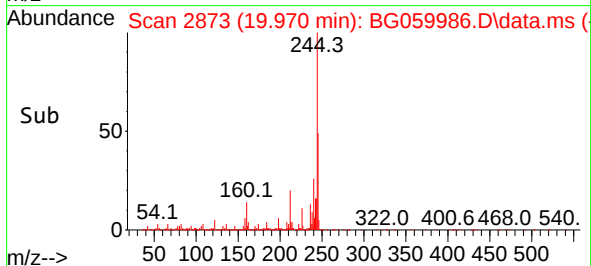


Tgt Ion:244 Resp: 692449  
 Ion Ratio Lower Upper  
 244 100  
 212 19.5 11.9 17.9  
 122 5.2 3.3 4.9

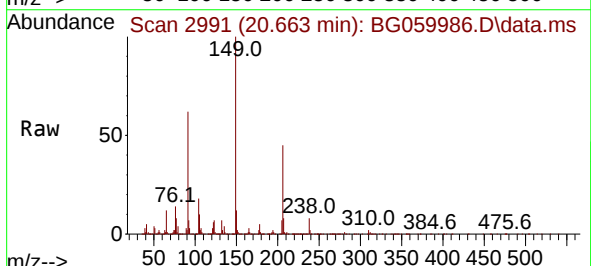
Manual Integrations

APPROVED

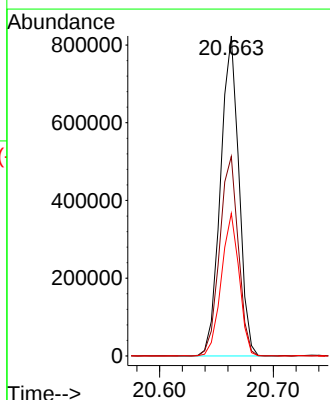
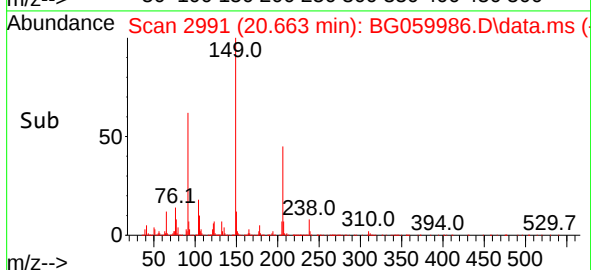
Reviewed By :Yogesh Patel 12/08/2023  
 Supervised By :mohammad ahmed 12/08/2023

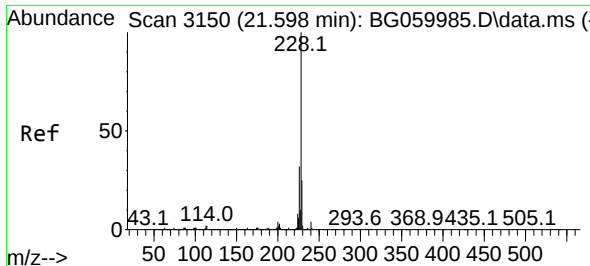


#80  
 Butylbenzylphthalate  
 Concen: 47.643 ng  
 RT: 20.663 min Scan# 2991  
 Delta R.T. 0.000 min  
 Lab File: BG059986.D  
 Acq: 7 Dec 2023 14:40



Tgt Ion:149 Resp: 926090  
 Ion Ratio Lower Upper  
 149 100  
 91 62.4 50.1 75.1  
 206 44.6 33.5 50.3





#81  
Benzo(a)anthracene  
Concen: 43.903 ng  
RT: 21.603 min Scan# 3150  
Delta R.T. 0.005 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

Instrument :

BNA\_G

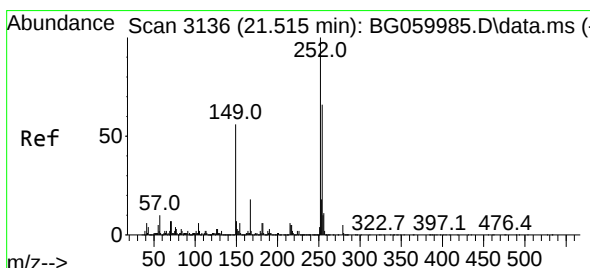
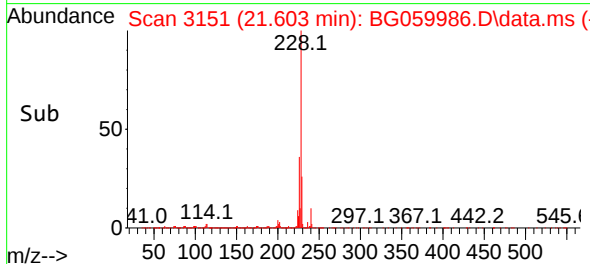
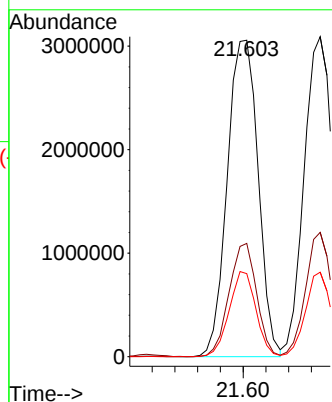
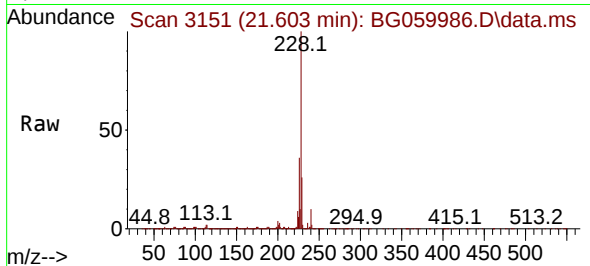
ClientSampleId :

SSTDICC050

Tgt Ion:228 Resp: 5768340  
Ion Ratio Lower Upper  
228 100  
226 35.8 25.4 38.2  
229 26.2 19.8 29.6

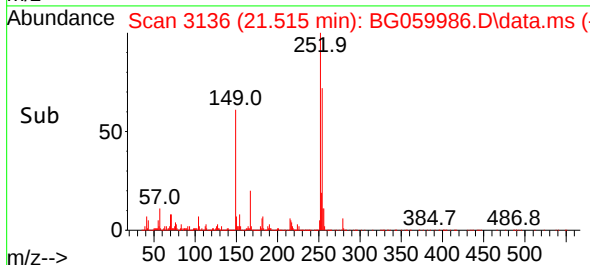
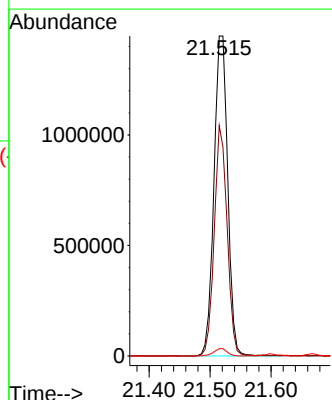
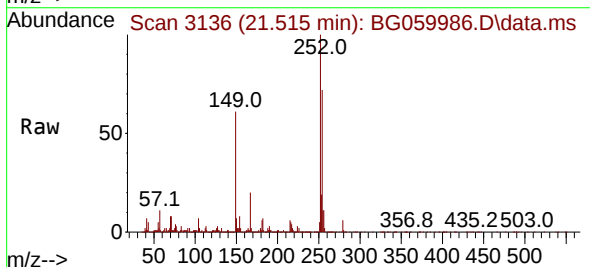
Manual Integrations  
APPROVED

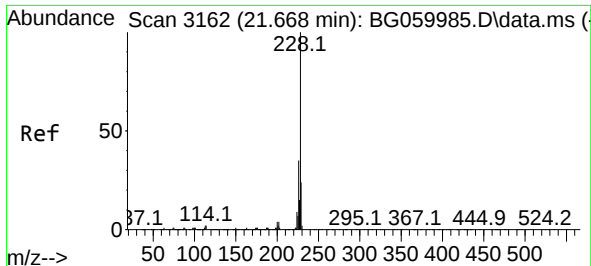
Reviewed By :Yogesh Patel 12/08/2023  
Supervised By :mohammad ahmed 12/08/2023



#82  
3,3'-Dichlorobenzidine  
Concen: 48.406 ng  
RT: 21.515 min Scan# 3136  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

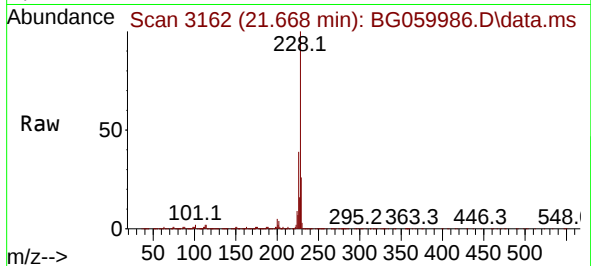
Tgt Ion:252 Resp: 2267697  
Ion Ratio Lower Upper  
252 100  
254 72.0 52.9 79.3  
126 2.2 2.5 3.7#





#83  
Chrysene  
Concen: 43.752 ng  
RT: 21.668 min Scan# 3162  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

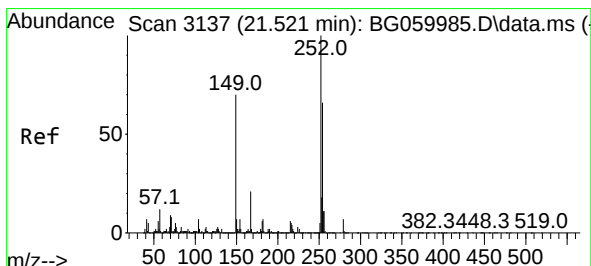
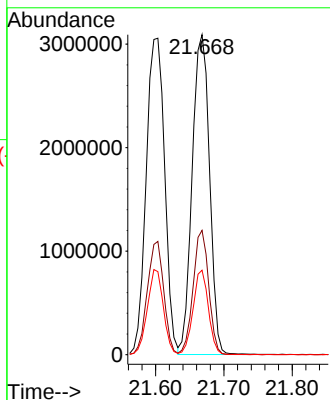
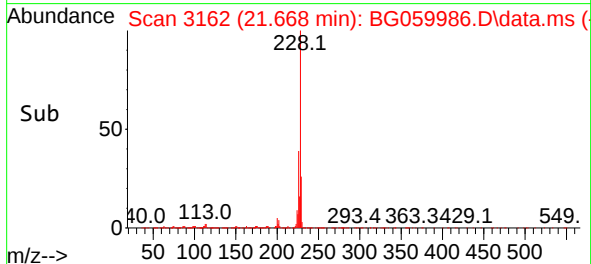
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



Tgt Ion:228 Resp: 542693  
Ion Ratio Lower Upper  
228 100  
226 38.8 28.2 42.4  
229 26.4 19.4 29.0

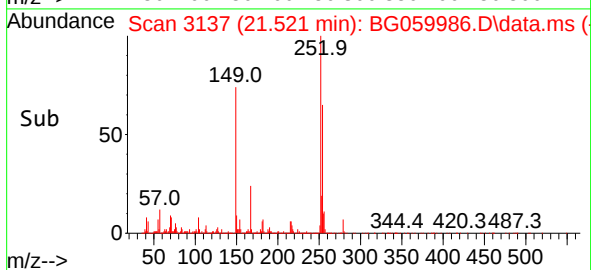
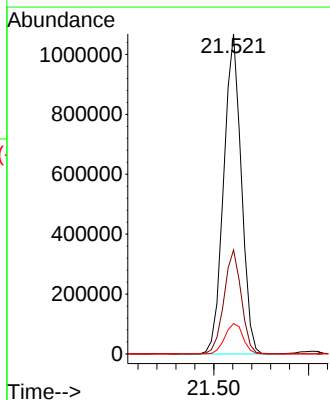
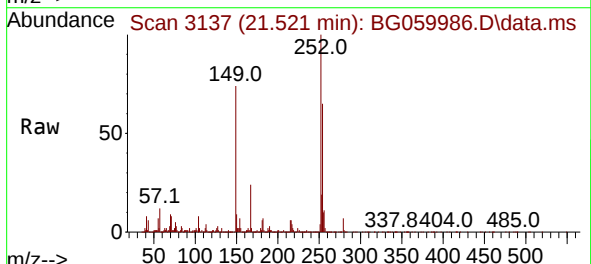
Manual Integrations  
APPROVED

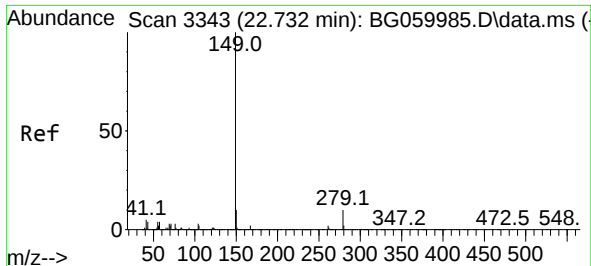
Reviewed By :Yogesh Patel 12/08/2023  
Supervised By :mohammad ahmed 12/08/2023



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 48.213 ng  
RT: 21.521 min Scan# 3137  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

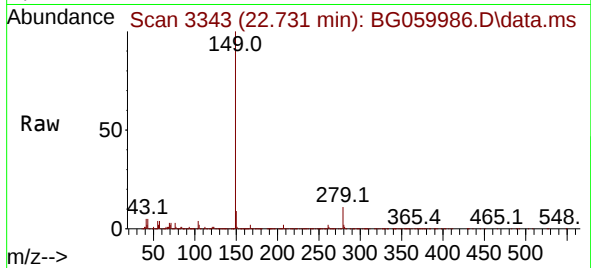
Tgt Ion:149 Resp: 1379483  
Ion Ratio Lower Upper  
149 100  
167 32.5 24.0 36.0  
279 9.5 7.8 11.8





#85  
Di-n-octyl phthalate  
Concen: 47.743 ng  
RT: 22.731 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

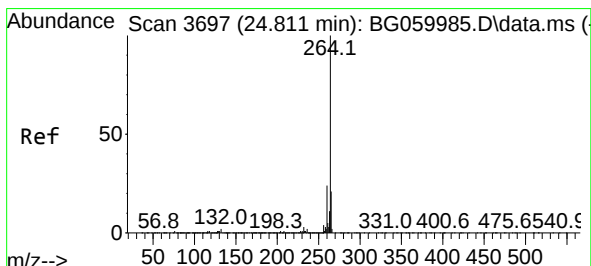
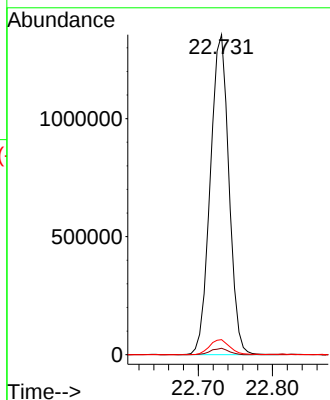
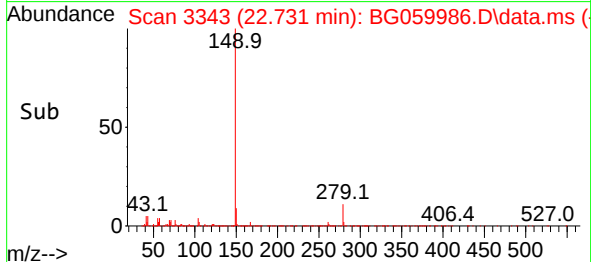
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050



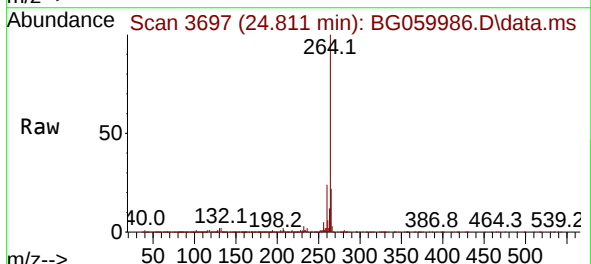
Tgt Ion:149 Resp: 2360920  
Ion Ratio Lower Upper  
149 100  
167 1.9 1.5 2.3  
43 5.2 4.2 6.4

Manual Integrations  
APPROVED

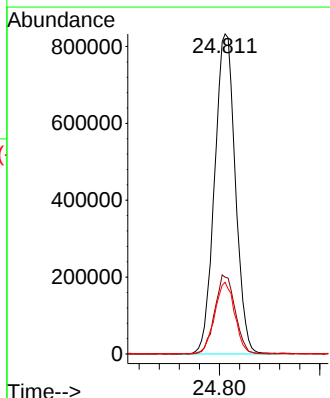
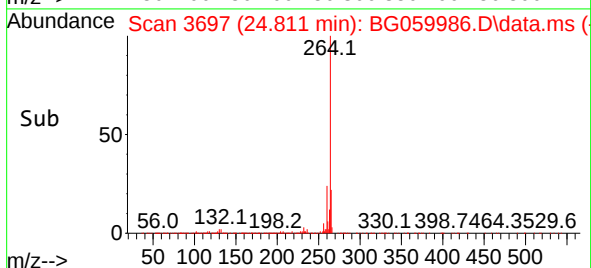
Reviewed By :Yogesh Patel 12/08/2023  
Supervised By :mohammad ahmed 12/08/2023

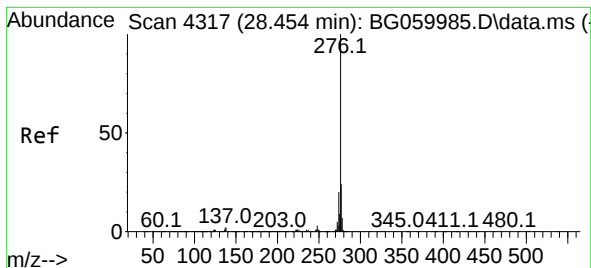


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.811 min Scan# 3697  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40



Tgt Ion:264 Resp: 2387549  
Ion Ratio Lower Upper  
264 100  
260 24.0 19.0 28.4  
265 22.4 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.342 ng

RT: 28.466 min Scan# 4317

Delta R.T. 0.011 min

Lab File: BG059986.D

Acq: 7 Dec 2023 14:40

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

Tgt Ion:276 Resp: 840887

Ion Ratio Lower Upper

276 100

138 2.4 1.3 1.9

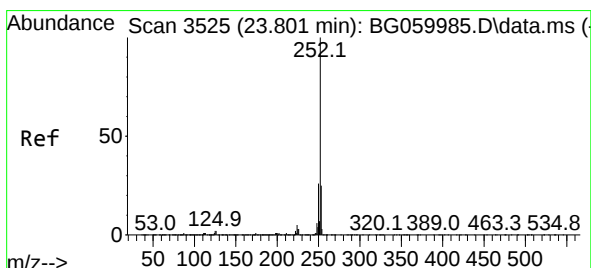
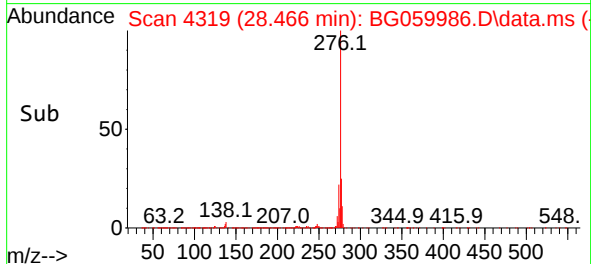
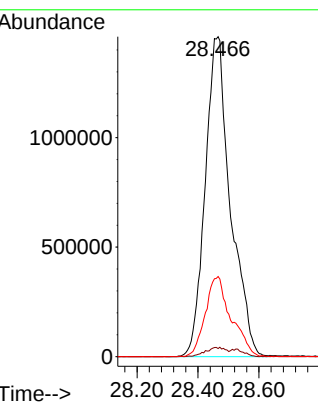
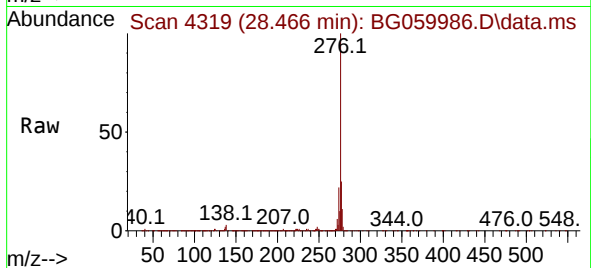
277 25.7 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/08/2023

Supervised By :mohammad ahmed 12/08/2023



#88

Benzo(b)fluoranthene

Concen: 48.579 ng

RT: 23.801 min Scan# 3525

Delta R.T. -0.000 min

Lab File: BG059986.D

Acq: 7 Dec 2023 14:40

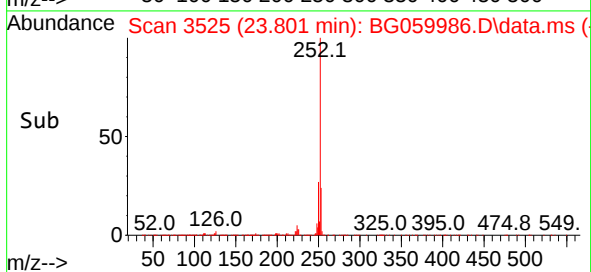
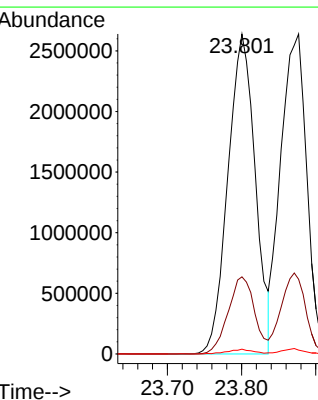
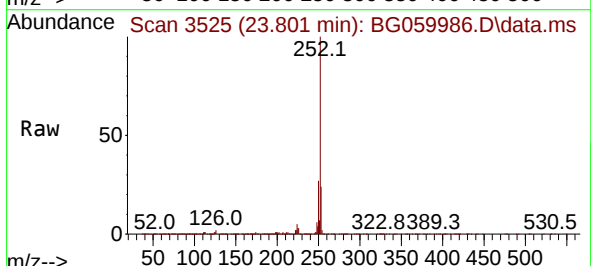
Tgt Ion:252 Resp: 6749114

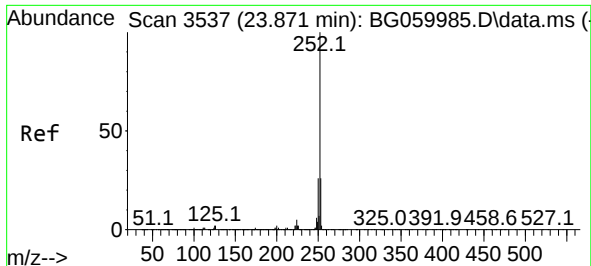
Ion Ratio Lower Upper

252 100

253 24.1 19.6 29.4

125 1.5 1.2 1.8





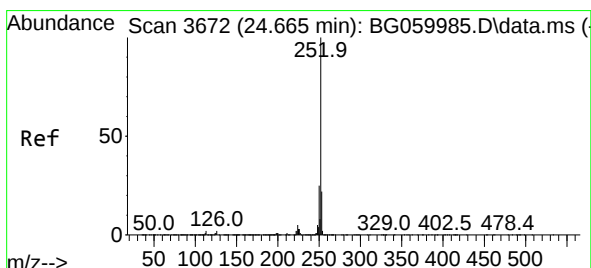
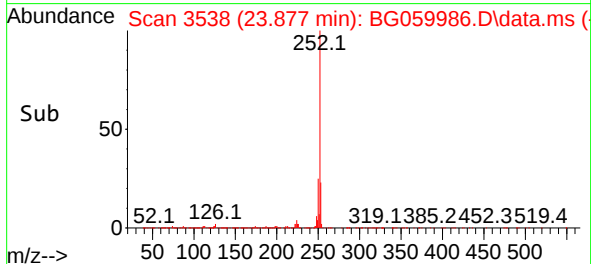
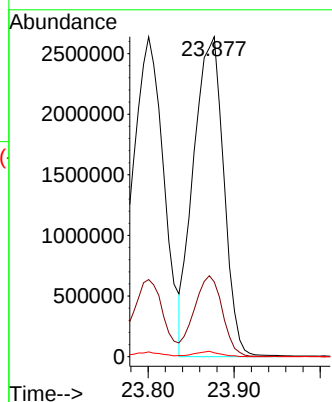
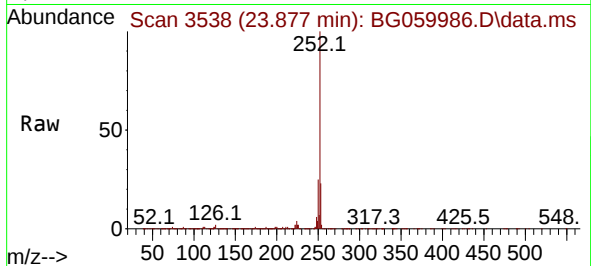
#89  
Benzo(k)fluoranthene  
Concen: 47.864 ng m  
RT: 23.877 min Scan# 3537  
Delta R.T. 0.006 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC050

Tgt Ion:252 Resp: 644455  
Ion Ratio Lower Upper  
252 100  
253 23.4 19.8 29.6  
125 1.2 1.3 1.9

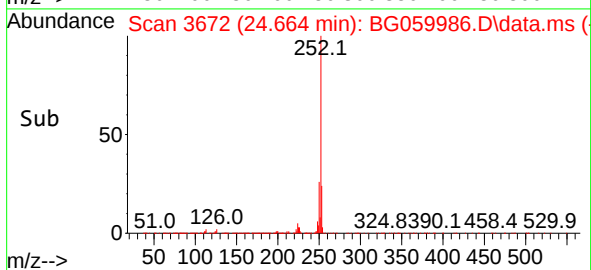
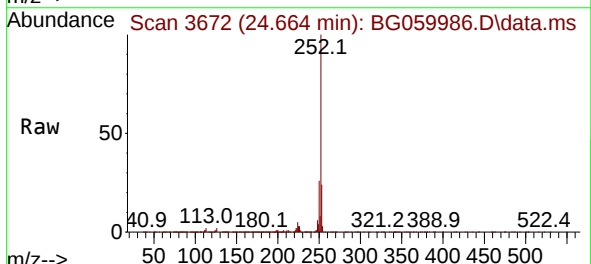
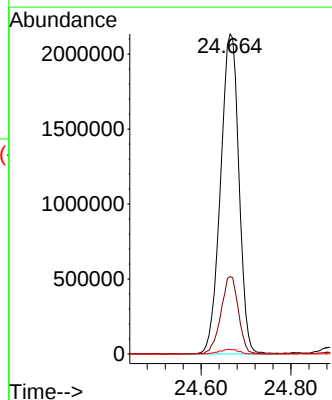
Manual Integrations  
APPROVED

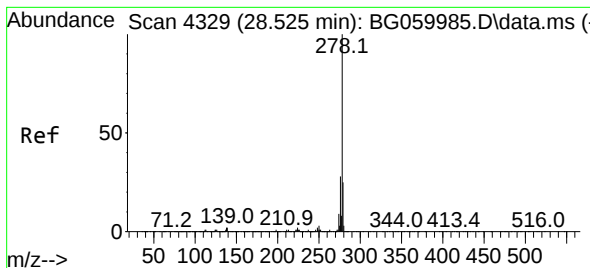
Reviewed By :Yogesh Patel 12/08/2023  
Supervised By :mohammad ahmed 12/08/2023



#90  
Benzo(a)pyrene  
Concen: 47.924 ng  
RT: 24.664 min Scan# 3672  
Delta R.T. -0.000 min  
Lab File: BG059986.D  
Acq: 7 Dec 2023 14:40

Tgt Ion:252 Resp: 6070243  
Ion Ratio Lower Upper  
252 100  
253 24.2 17.4 26.0  
125 1.4 1.0 1.6





#91

Dibenzo(a,h)anthracene

Concen: 48.576 ng

RT: 28.536 min Scan# 41

Delta R.T. 0.011 min

Lab File: BG059986.D

Acq: 7 Dec 2023 14:40

Instrument :

BNA\_G

ClientSampleId :

SSTDICC050

Tgt Ion:278 Resp: 7116784

Ion Ratio Lower Upper

278 100

139 2.1 1.9 2.9

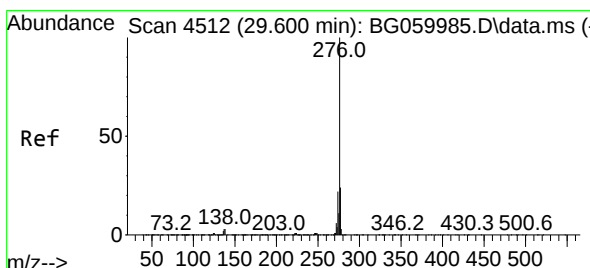
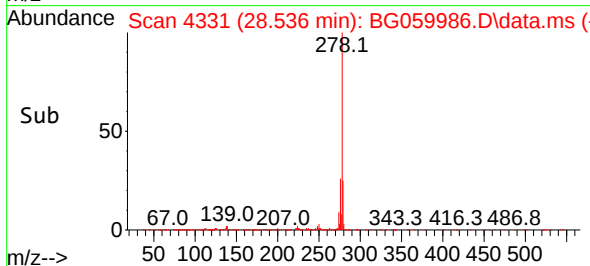
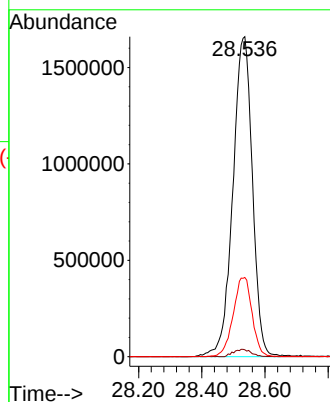
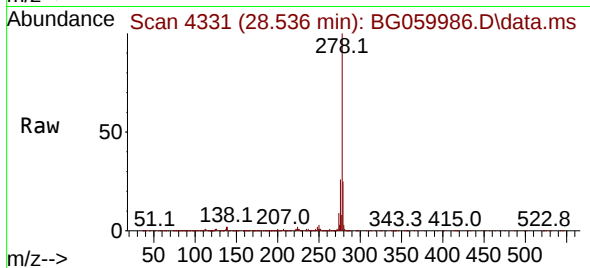
279 24.7 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/08/2023

Supervised By :mohammad ahmed 12/08/2023



#92

Benzo(g,h,i)perylene

Concen: 48.558 ng

RT: 29.606 min Scan# 4513

Delta R.T. 0.006 min

Lab File: BG059986.D

Acq: 7 Dec 2023 14:40

Tgt Ion:276 Resp: 6932917

Ion Ratio Lower Upper

276 100

277 24.3 19.3 28.9

138 2.7 2.2 3.2

