

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG112223\  
 Data File : BG059820.D  
 Acq On : 22 Nov 2023 16:19  
 Operator : MA/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 11/23/2023  
 Supervised By :mohammad ahmed 11/25/2023

Quant Time: Nov 22 16:54:57 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 17 01:51:38 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.337  | 152  | 30552    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.180 | 136  | 139485   | 20.000 | ng    | #-0.01   |
| 39) Acenaphthene-d10          | 14.970 | 164  | 132600   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.720 | 188  | 321935   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 22.044 | 240  | 269537   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 25.628 | 264  | 287182   | 20.000 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.828  | 112  | 134836   | 74.282 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.461  | 99   | 204553   | 76.044 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.535  | 82   | 307828   | 84.286 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.451 | 330  | 146863   | 97.615 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.589 | 172  | 890522   | 90.398 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.293 | 244  | 1575899  | 86.312 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.666  | 88   | 45825    | 53.750 | ng    | 94       |
| 3) Pyridine                   | 4.083  | 79   | 131509   | 56.476 | ng    | # 84     |
| 4) n-Nitrosodimethylamine     | 4.012  | 42   | 64121    | 51.761 | ng    | # 63     |
| 6) Aniline                    | 7.661  | 93   | 129900   | 36.592 | ng    | 92       |
| 8) 2-Chlorophenol             | 7.884  | 128  | 78803    | 40.018 | ng    | 96       |
| 9) Benzaldehyde               | 7.485  | 77   | 72642    | 39.951 | ng    | 87       |
| 10) Phenol                    | 7.485  | 94   | 104900   | 37.838 | ng    | 89       |
| 11) bis(2-Chloroethyl)ether   | 7.749  | 93   | 60963    | 35.324 | ng    | 93       |
| 12) 1,3-Dichlorobenzene       | 8.213  | 146  | 89504    | 40.919 | ng    | 89       |
| 13) 1,4-Dichlorobenzene       | 8.372  | 146  | 97650m   | 44.456 | ng    |          |
| 14) 1,2-Dichlorobenzene       | 8.689  | 146  | 92947    | 42.592 | ng    | 91       |
| 15) Benzyl Alcohol            | 8.578  | 79   | 124314   | 40.527 | ng    | 92       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.842  | 45   | 24731    | 38.949 | ng    | # 67     |
| 17) 2-Methylphenol            | 8.754  | 107  | 84979    | 41.616 | ng    | 84       |
| 18) Hexachloroethane          | 9.424  | 117  | 40771    | 43.732 | ng    | 89       |
| 19) n-Nitroso-di-n-propyla... | 9.142  | 70   | 82457    | 38.927 | ng    | 96       |
| 20) 3+4-Methylphenols         | 9.095  | 107  | 113256   | 39.952 | ng    | 95       |
| 22) Acetophenone              | 9.177  | 105  | 164873   | 41.751 | ng    | 97       |
| 24) Nitrobenzene              | 9.582  | 77   | 141868   | 42.177 | ng    | 96       |
| 25) Isophorone                | 10.088 | 82   | 231624   | 37.777 | ng    | 97       |
| 26) 2-Nitrophenol             | 10.287 | 139  | 50963    | 41.326 | ng    | 90       |
| 27) 2,4-Dimethylphenol        | 10.311 | 122  | 93078    | 37.122 | ng    | 95       |
| 28) bis(2-Chloroethoxy)met... | 10.569 | 93   | 88935    | 38.599 | ng    | # 96     |
| 29) 2,4-Dichlorophenol        | 10.810 | 162  | 88406    | 41.298 | ng    | 82       |
| 30) 1,2,4-Trichlorobenzene    | 11.028 | 180  | 92105    | 42.573 | ng    | # 93     |
| 31) Naphthalene               | 11.233 | 128  | 283482   | 40.417 | ng    | 97       |
| 32) Benzoic acid              | 10.411 | 122  | 50733m   | 29.731 | ng    |          |
| 33) 4-Chloroaniline           | 11.351 | 127  | 123474   | 41.389 | ng    | 93       |
| 34) Hexachlorobutadiene       | 11.462 | 225  | 64375    | 43.720 | ng    | 90       |
| 35) Caprolactam               | 12.144 | 113  | 28183    | 36.023 | ng    | # 73     |
| 36) 4-Chloro-3-methylphenol   | 12.426 | 107  | 125191   | 43.973 | ng    | # 87     |
| 37) 2-Methylnaphthalene       | 12.814 | 142  | 251259   | 42.533 | ng    | 87       |
| 38) 1-Methylnaphthalene       | 13.031 | 142  | 235236   | 43.181 | ng    | 98       |
| 40) 1,2,4,5-Tetrachloroben... | 13.155 | 216  | 158972   | 44.392 | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 13.108 | 237  | 111856   | 49.795 | ng    | 95       |
| 43) 2,4,6-Trichlorophenol     | 13.395 | 196  | 108799   | 43.690 | ng    | 95       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG112223\  
 Data File : BG059820.D  
 Acq On : 22 Nov 2023 16:19  
 Operator : MA/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDCCC040

## Manual Integrations

## APPROVED

Reviewed By :Yogesh Patel 11/23/2023

Supervised By :mohammad ahmed 11/25/2023

Quant Time: Nov 22 16:54:57 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111623.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Nov 17 01:51:38 2023

Response via : Initial Calibration

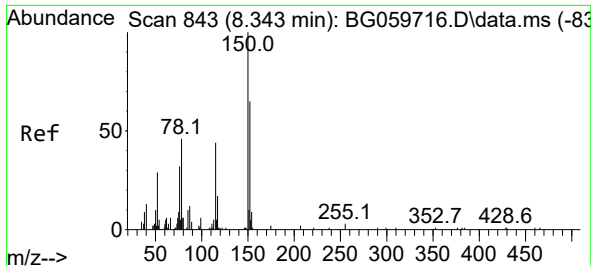
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.466 | 196  | 127864   | 43.699 | ng    | # 87     |
| 46) 1,1'-Biphenyl             | 13.801 | 154  | 447627   | 43.008 | ng    | 96       |
| 47) 2-Chloronaphthalene       | 13.854 | 162  | 306530   | 42.862 | ng    | 94       |
| 48) 2-Nitroaniline            | 14.071 | 65   | 131683   | 51.573 | ng    | # 79     |
| 49) Acenaphthylene            | 14.700 | 152  | 529739   | 43.442 | ng    | 98       |
| 50) Dimethylphthalate         | 14.406 | 163  | 462313   | 44.991 | ng    | # 98     |
| 51) 2,6-Dinitrotoluene        | 14.553 | 165  | 85594    | 43.908 | ng    | # 81     |
| 52) Acenaphthene              | 15.029 | 154  | 316747   | 43.191 | ng    | 98       |
| 53) 3-Nitroaniline            | 14.894 | 138  | 87836    | 38.494 | ng    | # 77     |
| 54) 2,4-Dinitrophenol         | 15.093 | 184  | 58920    | 40.674 | ng    | # 88     |
| 55) Dibenzofuran              | 15.364 | 168  | 520685   | 43.063 | ng    | 90       |
| 56) 4-Nitrophenol             | 15.170 | 139  | 69116    | 39.592 | ng    | # 90     |
| 57) 2,4-Dinitrotoluene        | 15.328 | 165  | 136057   | 45.385 | ng    | # 99     |
| 58) Fluorene                  | 16.010 | 166  | 435363   | 43.340 | ng    | 95       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.569 | 232  | 114608   | 44.558 | ng    | 97       |
| 60) Diethylphthalate          | 15.746 | 149  | 509886   | 46.266 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.986 | 204  | 233310   | 45.123 | ng    | 97       |
| 62) 4-Nitroaniline            | 16.057 | 138  | 93370    | 40.829 | ng    | # 76     |
| 63) Azobenzene                | 16.286 | 77   | 542582   | 44.303 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 16.080 | 198  | 80479    | 40.906 | ng    | 98       |
| 66) n-Nitrosodiphenylamine    | 16.210 | 169  | 398190   | 42.341 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 16.885 | 248  | 153474   | 44.375 | ng    | 98       |
| 68) Hexachlorobenzene         | 16.985 | 284  | 144443   | 44.747 | ng    | 94       |
| 69) Atrazine                  | 17.144 | 200  | 120418   | 39.937 | ng    | 95       |
| 70) Pentachlorophenol         | 17.338 | 266  | 100311   | 40.732 | ng    | # 82     |
| 71) Phenanthrene              | 17.761 | 178  | 703144   | 42.959 | ng    | 98       |
| 72) Anthracene                | 17.855 | 178  | 702295   | 41.296 | ng    | 96       |
| 73) Carbazole                 | 18.125 | 167  | 594655   | 40.025 | ng    | 97       |
| 74) Di-n-butylphthalate       | 18.625 | 149  | 751573   | 41.850 | ng    | 99       |
| 75) Fluoranthene              | 19.753 | 202  | 771403   | 39.299 | ng    | 100      |
| 77) Benzidine                 | 19.941 | 184  | 196697   | 32.182 | ng    | 95       |
| 78) Pyrene                    | 20.117 | 202  | 785651   | 42.840 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.969 | 149  | 324387   | 43.137 | ng    | 97       |
| 81) Benzo(a)anthracene        | 22.026 | 228  | 755342   | 40.957 | ng    | 96       |
| 82) 3,3'-Dichlorobenzidine    | 21.932 | 252  | 278708   | 40.564 | ng    | # 95     |
| 83) Chrysene                  | 22.097 | 228  | 679251   | 40.178 | ng    | 95       |
| 84) Bis(2-ethylhexyl)phtha... | 21.850 | 149  | 427363   | 40.654 | ng    | # 97     |
| 85) Di-n-octyl phthalate      | 23.184 | 149  | 726107   | 35.880 | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 29.794 | 276  | 886588m  | 40.800 | ng    |          |
| 88) Benzo(b)fluoranthene      | 24.471 | 252  | 767826   | 48.781 | ng    | 94       |
| 89) Benzo(k)fluoranthene      | 24.547 | 252  | 735360   | 47.256 | ng    | # 97     |
| 90) Benzo(a)pyrene            | 25.469 | 252  | 700102   | 41.676 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 29.882 | 278  | 771206   | 41.948 | ng    | # 95     |
| 92) Benzo(g,h,i)perylene      | 31.128 | 276  | 681498   | 39.067 | ng    | 99       |

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

## Manual Integrations

Quant Time: Nov 22 16:54:57 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111623.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 17 01:51:38 2023  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.337 min Scan# 84  
Delta R.T. -0.006 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

Instrument :

BNA\_G

ClientSampleId :

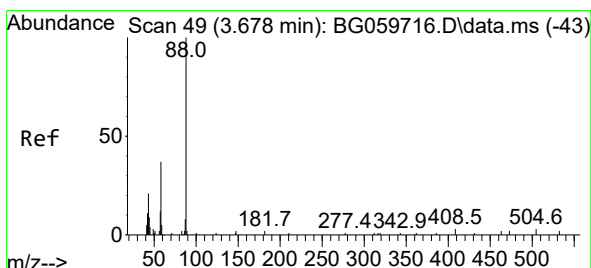
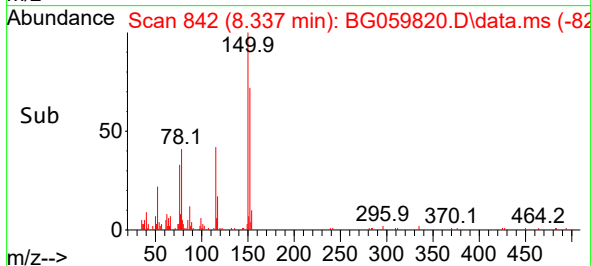
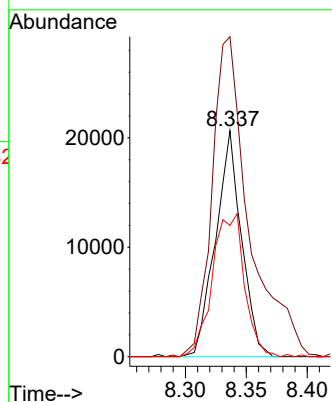
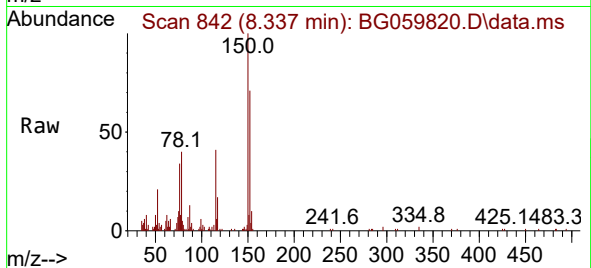
SSTDCCC040

Tgt Ion:152 Resp: 3055  
Ion Ratio Lower Upper  
152 100  
150 141.7 122.2 183.4  
115 58.1 54.2 81.4

Manual Integrations

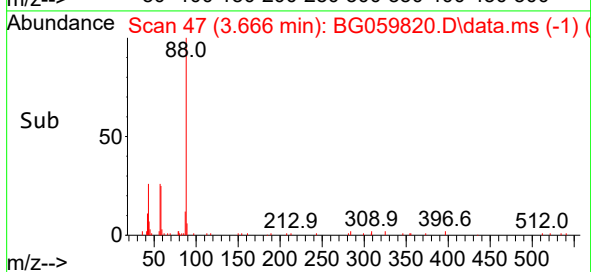
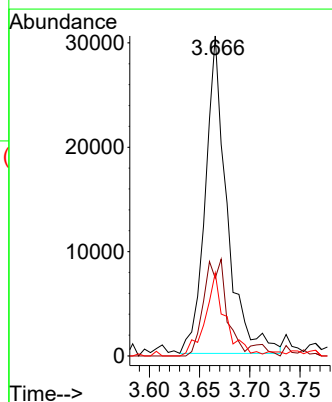
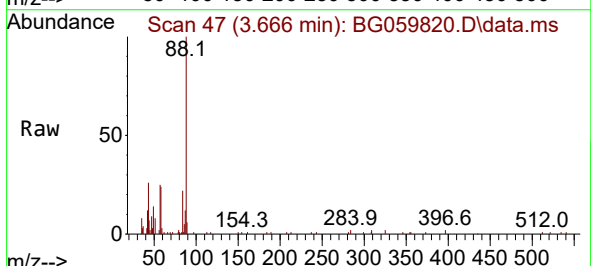
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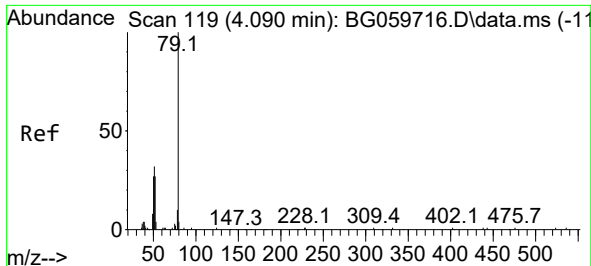
Reviewed By :Yogesh Patel 11/23/2023  
Supervised By :mohammad ahmed 11/25/2023



#2  
1,4-Dioxane  
Concen: 53.750 ng  
RT: 3.666 min Scan# 47  
Delta R.T. -0.013 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

Tgt Ion: 88 Resp: 45825  
Ion Ratio Lower Upper  
88 100  
58 31.6 28.6 42.8  
43 24.5 17.5 26.3





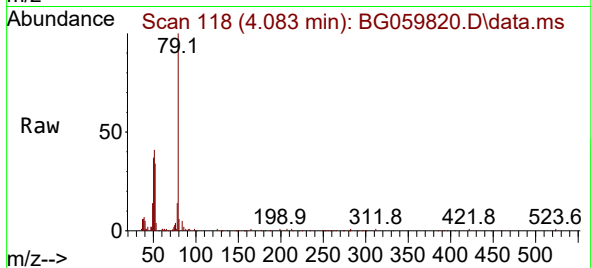
#3  
Pyridine  
Concen: 56.476 ng  
RT: 4.083 min Scan# 119  
Delta R.T. -0.007 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040



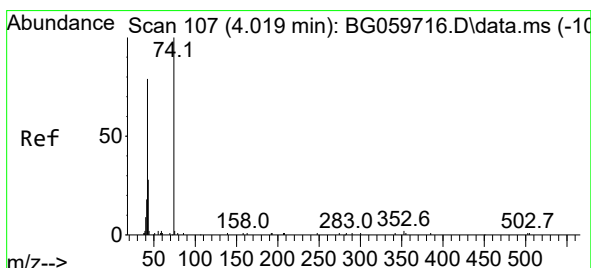
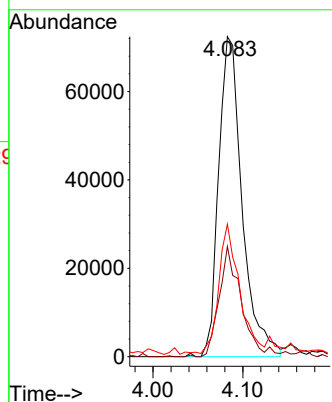
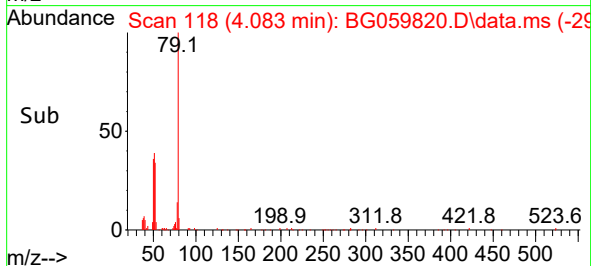
Tgt Ion: 79 Resp: 131509  
Ion Ratio Lower Upper  
79 100  
52 34.4 21.6 32.4#  
51 41.4 25.3 37.9#

Manual Integrations

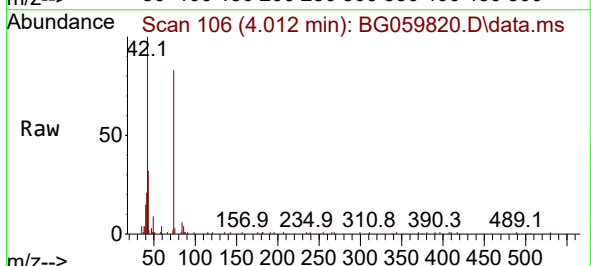
APPROVED

Reviewed By :Yogesh Patel 11/23/2023

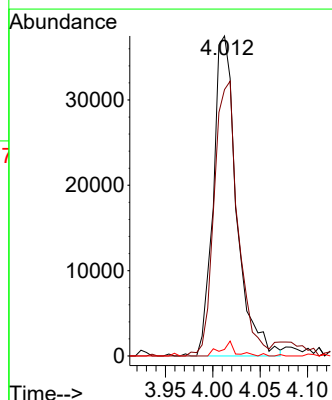
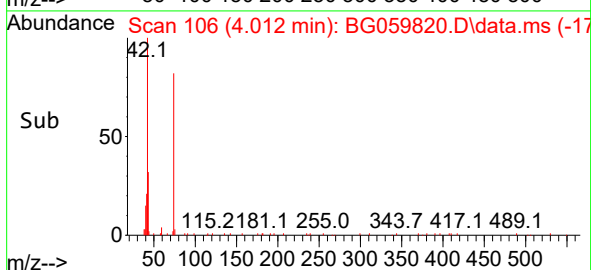
Supervised By :mohammad ahmed 11/25/2023

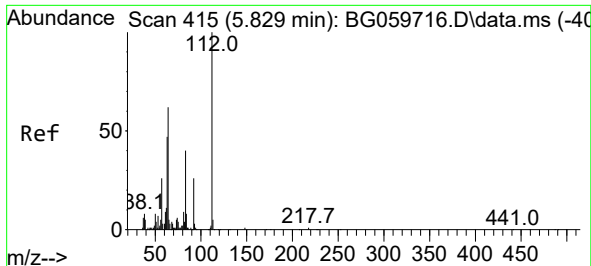


#4  
n-Nitrosodimethylamine  
Concen: 51.761 ng  
RT: 4.012 min Scan# 106  
Delta R.T. -0.007 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19



Tgt Ion: 42 Resp: 64121  
Ion Ratio Lower Upper  
42 100  
74 83.3 101.2 151.8#  
44 2.0 2.4 3.6#





#5  
2-Fluorophenol  
Concen: 74.282 ng  
RT: 5.828 min Scan# 415  
Delta R.T. -0.001 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

Instrument :

BNA\_G

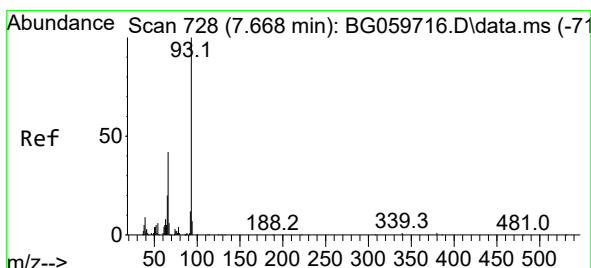
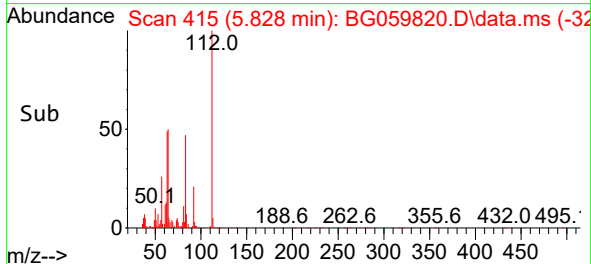
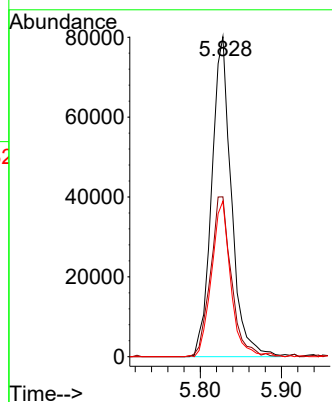
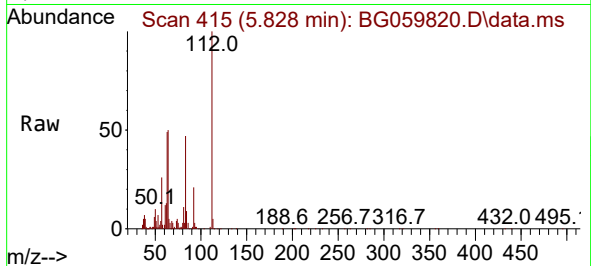
ClientSampleId :

SSTDCCC040

Tgt Ion:112 Resp: 134830  
Ion Ratio Lower Upper  
112 100  
64 50.0 49.5 74.3  
63 48.6 37.4 56.2

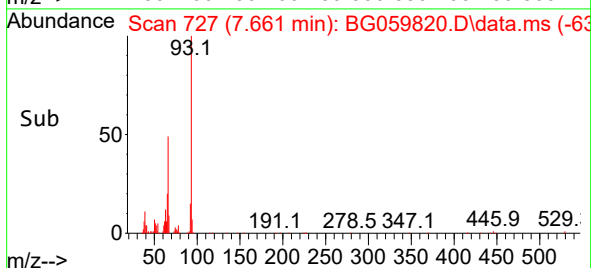
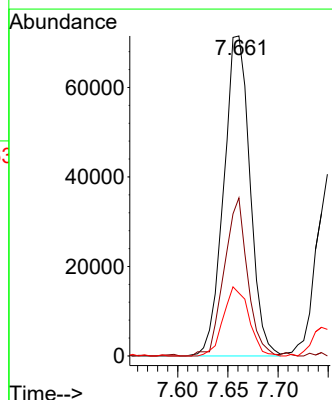
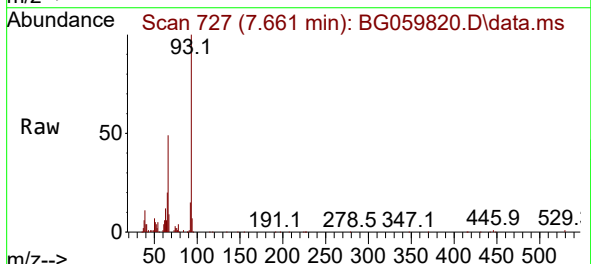
Manual Integrations  
APPROVED

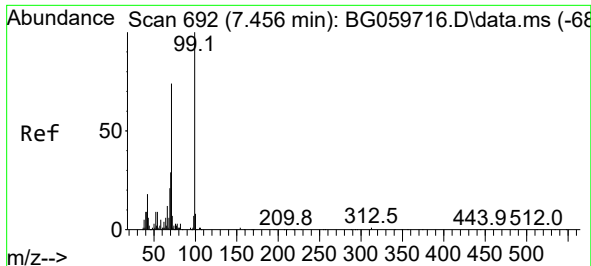
Reviewed By :Yogesh Patel 11/23/2023  
Supervised By :mohammad ahmed 11/25/2023



#6  
Aniline  
Concen: 36.592 ng  
RT: 7.661 min Scan# 727  
Delta R.T. -0.007 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

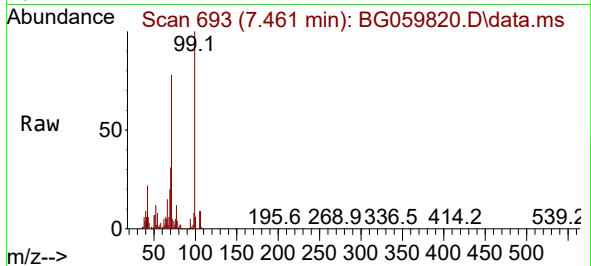
Tgt Ion: 93 Resp: 129900  
Ion Ratio Lower Upper  
93 100  
66 49.4 33.9 50.9  
65 19.7 15.8 23.8





#7  
Phenol-d6  
Concen: 76.044 ng  
RT: 7.461 min Scan# 692  
Delta R.T. 0.005 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

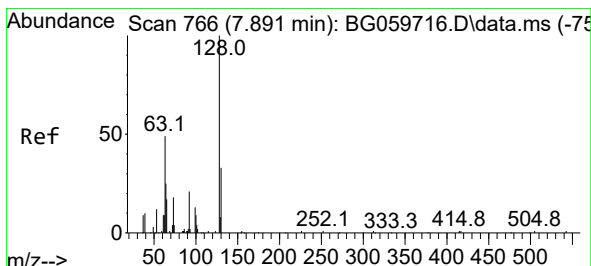
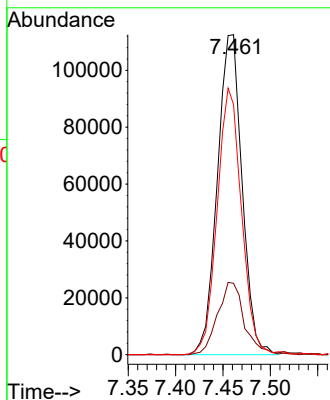
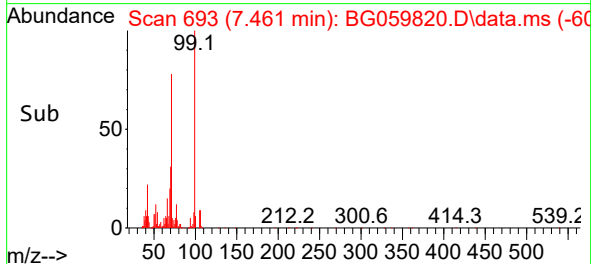
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 99 Resp: 20455  
Ion Ratio Lower Upper  
99 100  
42 22.3 14.3 21.5  
71 78.2 59.3 88.9

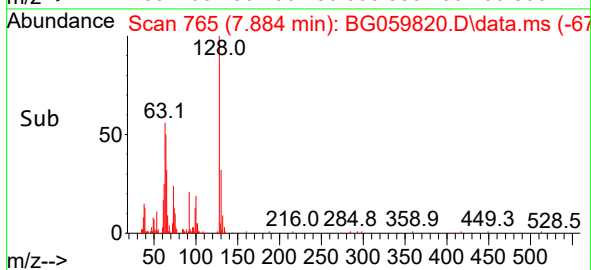
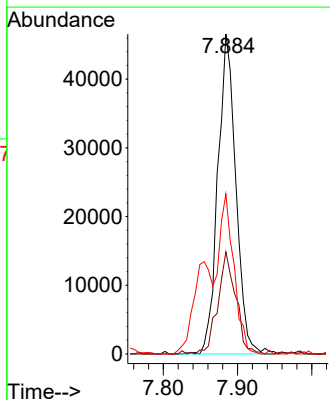
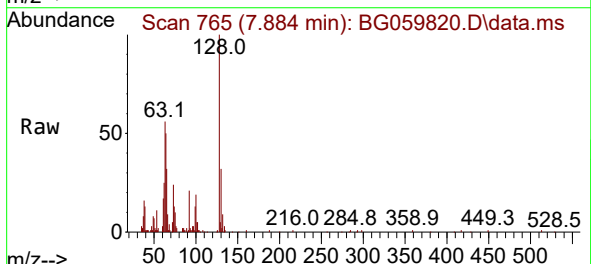
Manual Integrations  
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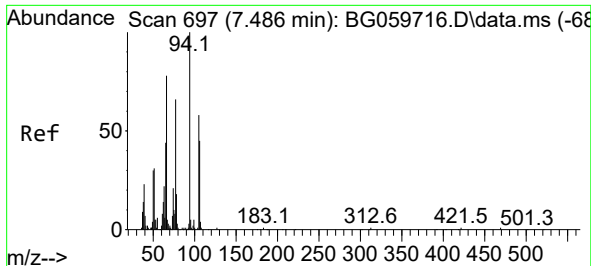
Reviewed By :Yogesh Patel 11/23/2023  
Supervised By :mohammad ahmed 11/25/2023



#8  
2-Chlorophenol  
Concen: 40.018 ng  
RT: 7.884 min Scan# 765  
Delta R.T. -0.007 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

Tgt Ion:128 Resp: 78803  
Ion Ratio Lower Upper  
128 100  
130 31.9 13.1 53.1  
64 50.0 27.0 67.0





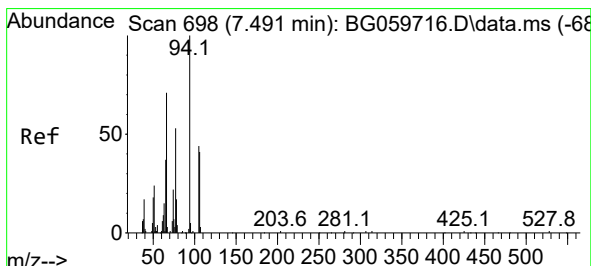
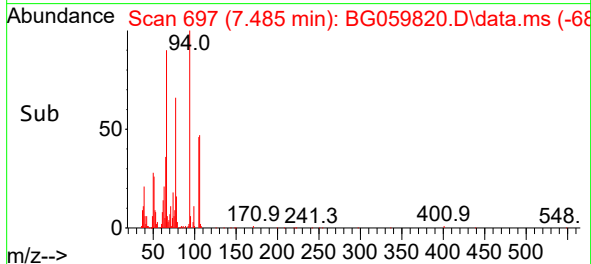
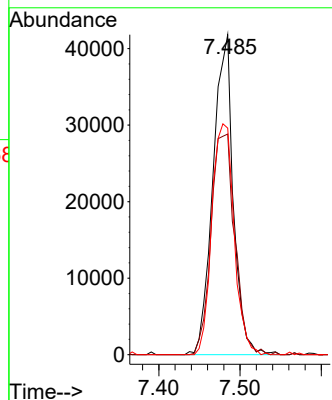
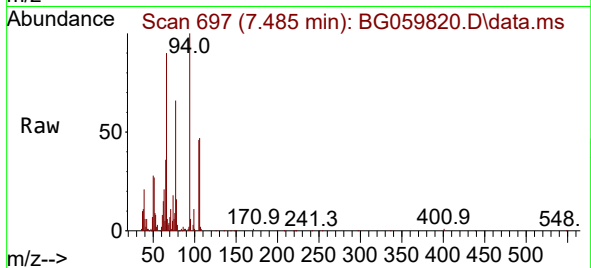
#9  
Benzaldehyde  
Concen: 39.951 ng  
RT: 7.485 min Scan# 697  
Delta R.T. -0.001 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 77 Resp: 7264  
Ion Ratio Lower Upper  
77 100  
105 69.0 68.0 108.0  
106 70.8 48.1 88.1

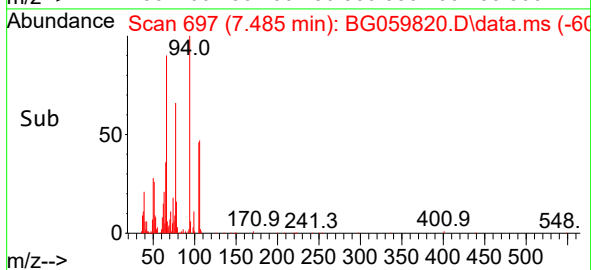
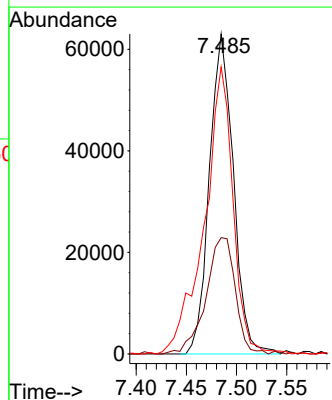
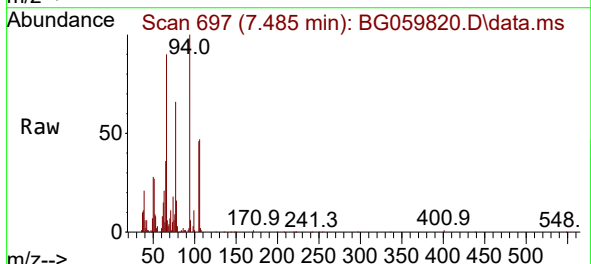
Manual Integrations  
APPROVED

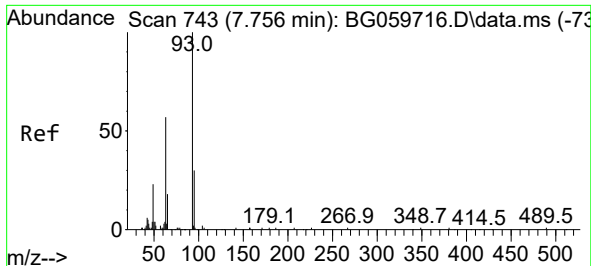
Reviewed By :Yogesh Patel 11/23/2023  
Supervised By :mohammad ahmed 11/25/2023



#10  
Phenol  
Concen: 37.838 ng  
RT: 7.485 min Scan# 697  
Delta R.T. -0.007 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

Tgt Ion: 94 Resp: 104900  
Ion Ratio Lower Upper  
94 100  
65 36.4 18.1 58.1  
66 89.7 56.6 96.6





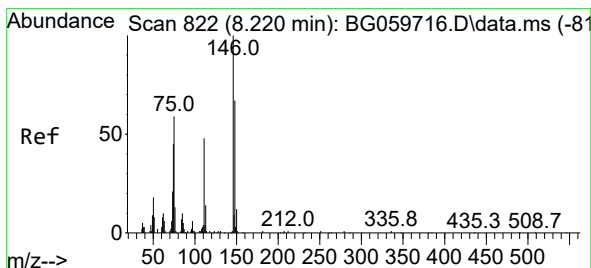
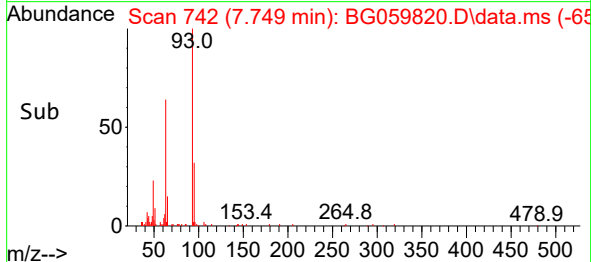
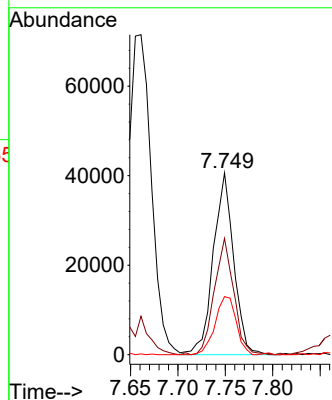
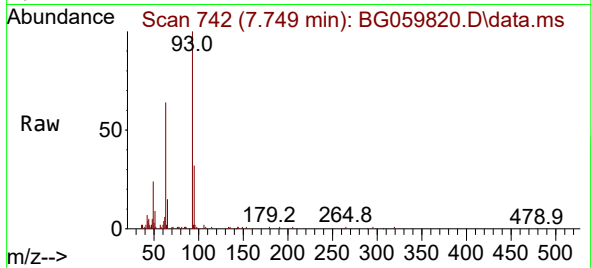
#11  
bis(2-Chloroethyl)ether  
Concen: 35.324 ng  
RT: 7.749 min Scan# 743  
Delta R.T. -0.007 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 93 Resp: 6096  
Ion Ratio Lower Upper  
93 100  
63 64.0 37.2 77.2  
95 32.0 10.2 50.2

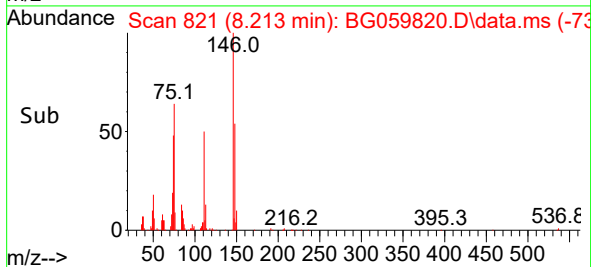
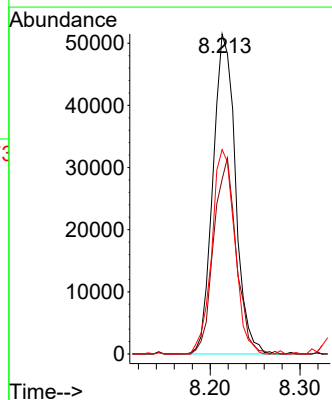
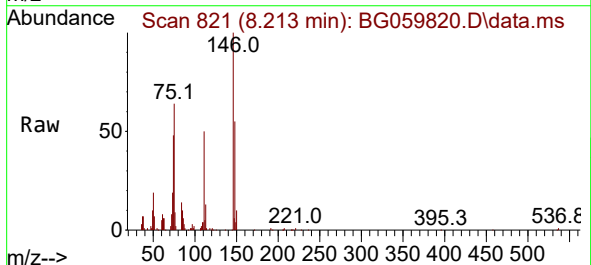
Manual Integrations  
APPROVED

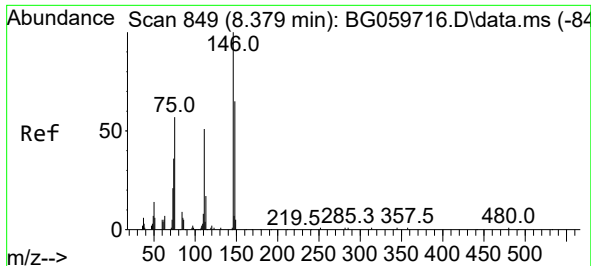
Reviewed By :Yogesh Patel 11/23/2023  
Supervised By :mohammad ahmed 11/25/2023



#12  
1,3-Dichlorobenzene  
Concen: 40.919 ng  
RT: 8.213 min Scan# 821  
Delta R.T. -0.007 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

Tgt Ion:146 Resp: 89504  
Ion Ratio Lower Upper  
146 100  
148 54.6 53.9 80.9  
75 63.8 47.5 71.3





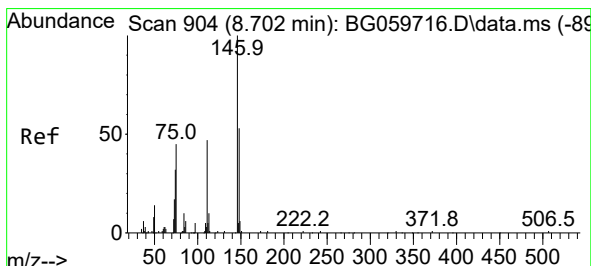
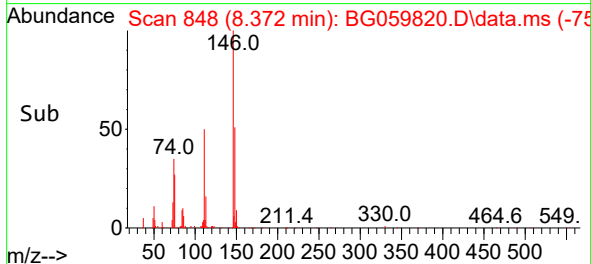
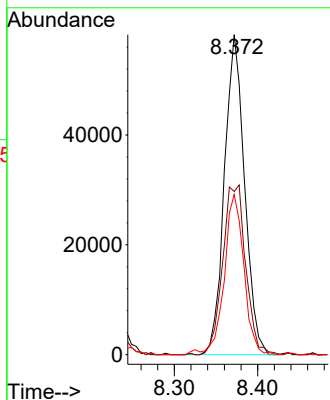
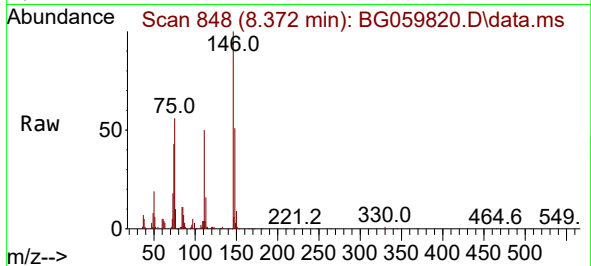
#13  
1,4-Dichlorobenzene  
Concen: 44.456 ng m  
RT: 8.372 min Scan# 849  
Delta R.T. -0.007 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:146 Resp: 97650  
Ion Ratio Lower Upper  
146 100  
148 51.0 52.3 78.5  
111 50.0 41.2 61.8

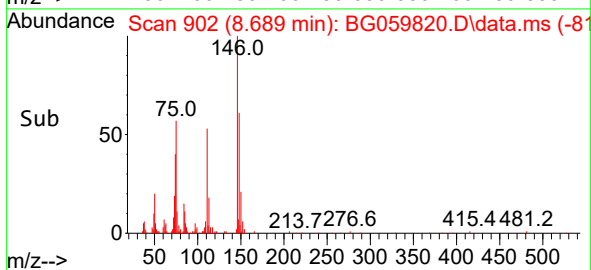
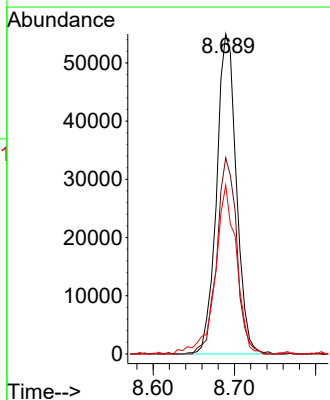
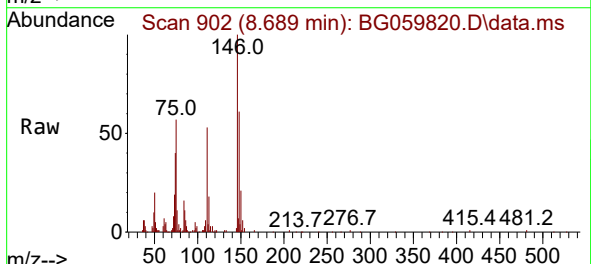
Manual Integrations  
APPROVED

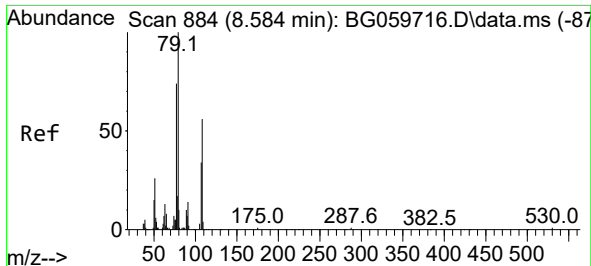
Reviewed By :Yogesh Patel 11/23/2023  
Supervised By :mohammad ahmed 11/25/2023



#14  
1,2-Dichlorobenzene  
Concen: 42.592 ng  
RT: 8.689 min Scan# 902  
Delta R.T. -0.013 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

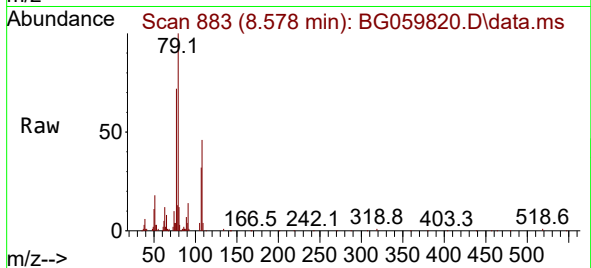
Tgt Ion:146 Resp: 92947  
Ion Ratio Lower Upper  
146 100  
148 61.3 43.1 64.7  
111 52.8 38.3 57.5





#15  
Benzyl Alcohol  
Concen: 40.527 ng  
RT: 8.578 min Scan# 884  
Delta R.T. -0.007 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

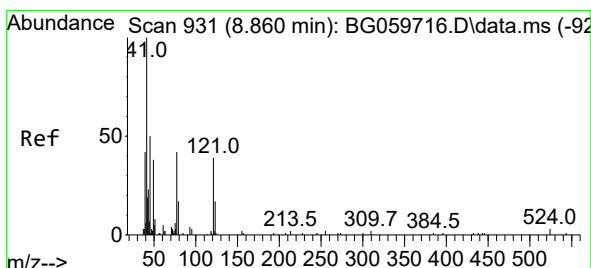
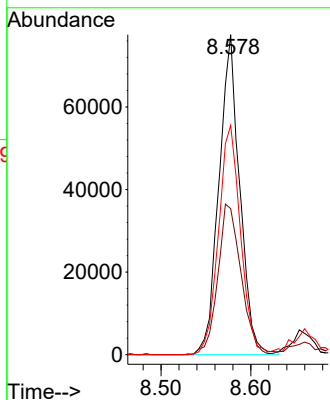
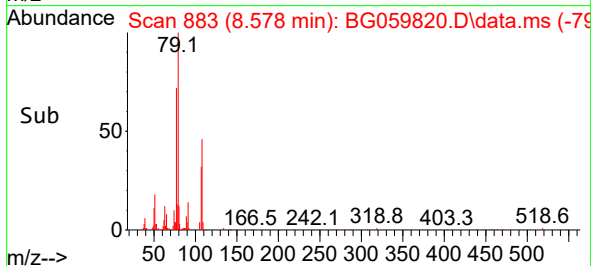
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 79 Resp: 124314  
Ion Ratio Lower Upper  
79 100  
108 45.7 45.4 68.2  
77 71.6 59.4 89.2

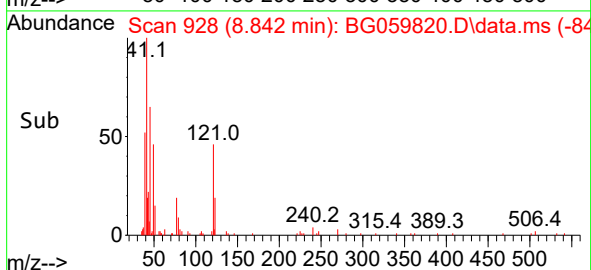
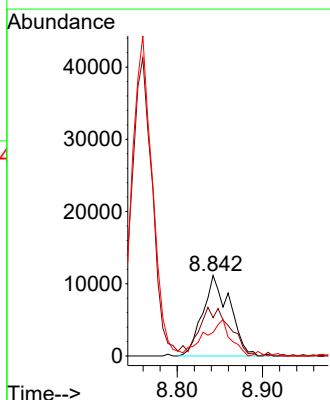
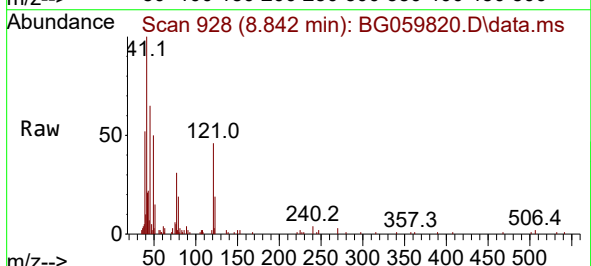
Manual Integrations  
APPROVED

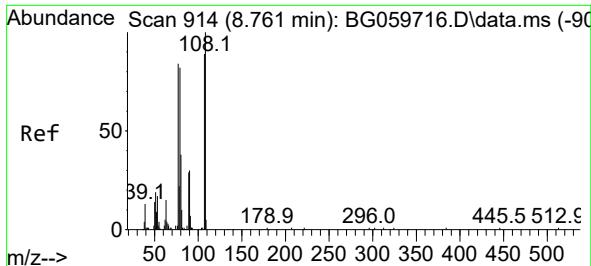
Reviewed By :Yogesh Patel 11/23/2023  
Supervised By :mohammad ahmed 11/25/2023



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 38.949 ng  
RT: 8.842 min Scan# 928  
Delta R.T. -0.019 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

Tgt Ion: 45 Resp: 24731  
Ion Ratio Lower Upper  
45 100  
77 47.4 63.6 103.6#  
79 29.3 19.6 59.6





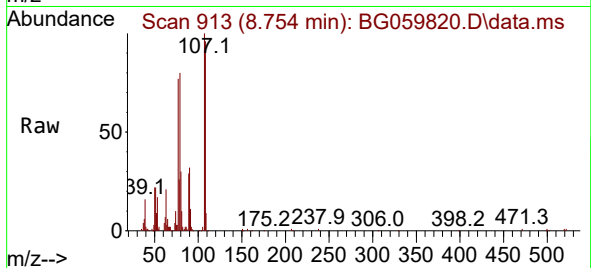
#17  
2-Methylphenol  
Concen: 41.616 ng  
RT: 8.754 min Scan# 914  
Delta R.T. -0.007 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040



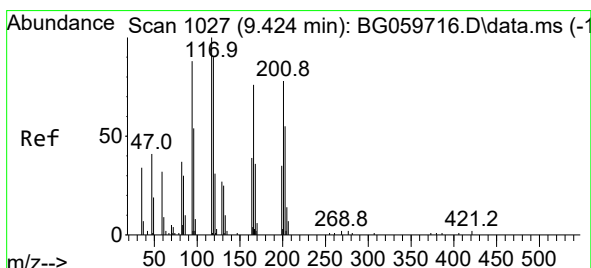
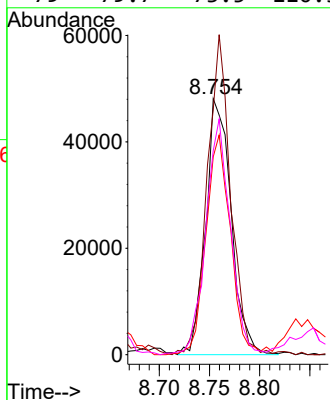
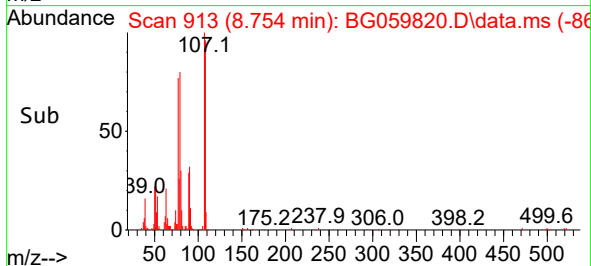
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 107   | Resp: | 84979 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 95.7  | 90.0  | 135.0 |
| 77        | 77.4  | 76.5  | 114.7 |
| 79        | 79.7  | 73.5  | 110.3 |

Manual Integrations

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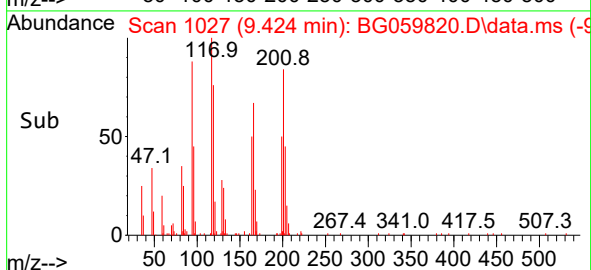
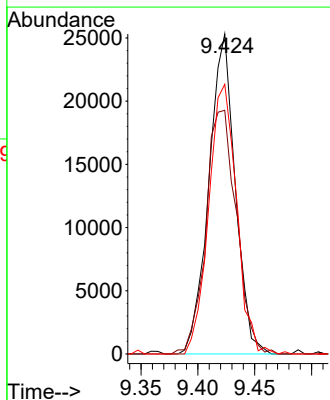
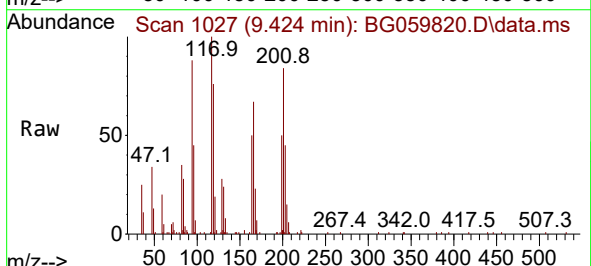
Reviewed By :Yogesh Patel 11/23/2023

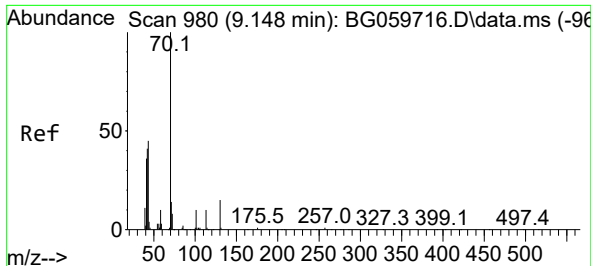
Supervised By :mohammad ahmed 11/25/2023



#18  
Hexachloroethane  
Concen: 43.732 ng  
RT: 9.424 min Scan# 1027  
Delta R.T. -0.001 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 40771 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 77.0  | 71.8  | 107.8 |
| 201       | 84.3  | 62.2  | 93.4  |





#19  
n-Nitroso-di-n-propylamine  
Concen: 38.927 ng  
RT: 9.142 min Scan# 91  
Delta R.T. -0.007 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

Instrument :

BNA\_G

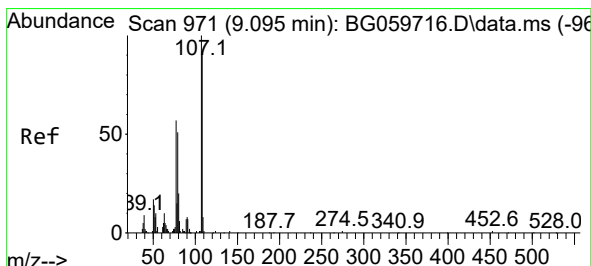
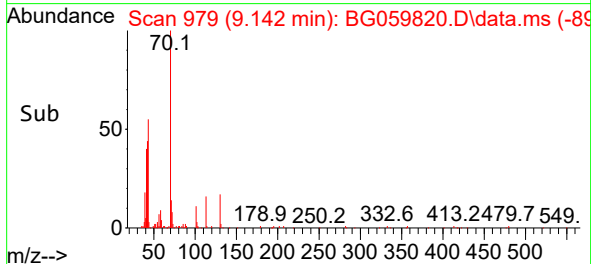
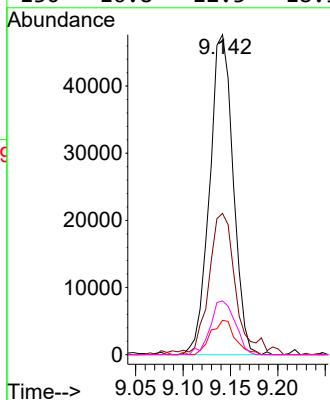
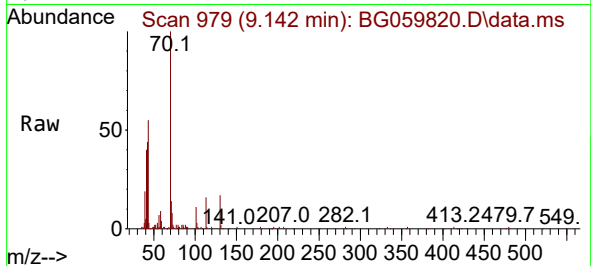
ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 8245  
Ion Ratio Lower Upper  
70 100  
42 44.1 32.8 49.2  
101 10.7 7.7 11.5  
130 16.8 12.3 18.5

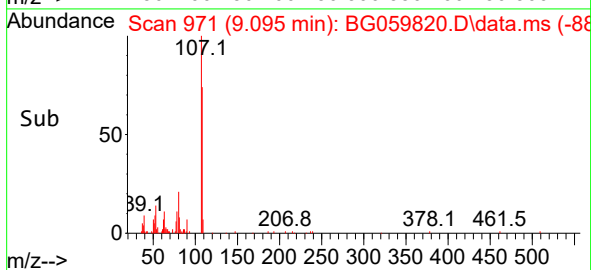
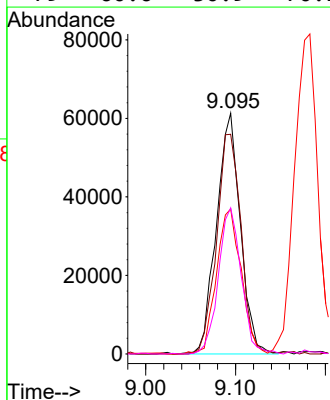
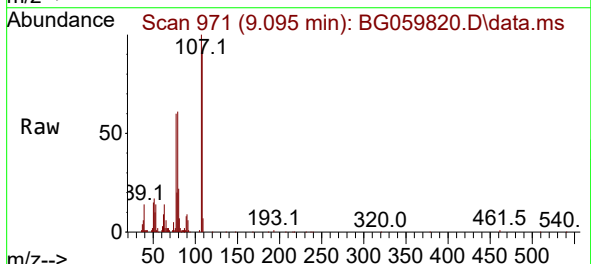
Manual Integrations  
APPROVED

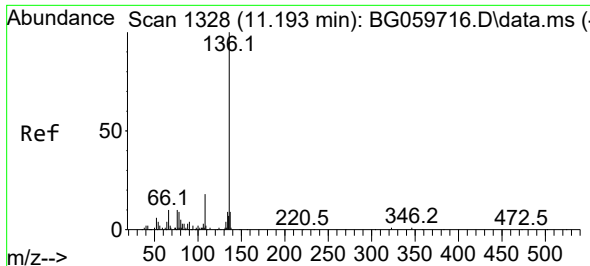
Reviewed By :Yogesh Patel 11/23/2023  
Supervised By :mohammad ahmed 11/25/2023



#20  
3+4-Methylphenols  
Concen: 39.952 ng  
RT: 9.095 min Scan# 971  
Delta R.T. -0.001 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

Tgt Ion:107 Resp: 113256  
Ion Ratio Lower Upper  
107 100  
108 91.2 71.1 111.1  
77 60.2 37.5 77.5  
79 60.6 30.9 70.9





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.180 min Scan# 1326  
Delta R.T. -0.013 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

Instrument :

BNA\_G

ClientSampleId :

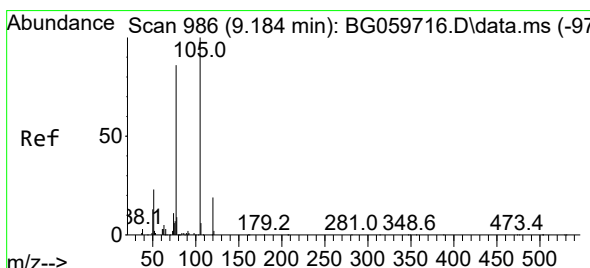
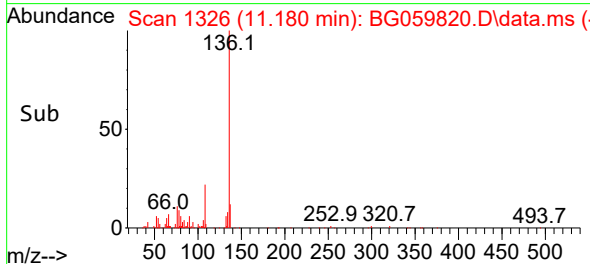
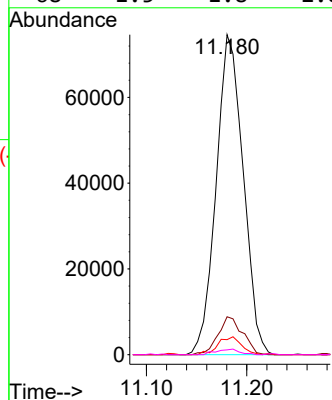
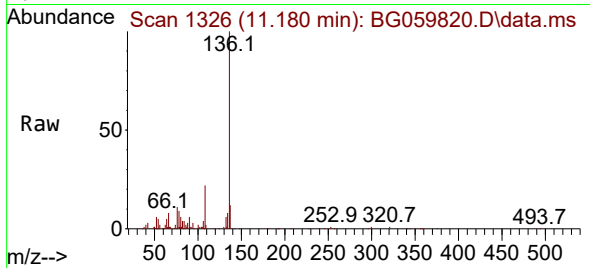
SSTDCCC040

Tgt Ion:136 Resp: 139485  
Ion Ratio Lower Upper  
136 100  
137 11.8 7.4 11.0  
54 4.7 3.1 4.7  
68 1.5 1.8 2.8

Manual Integrations

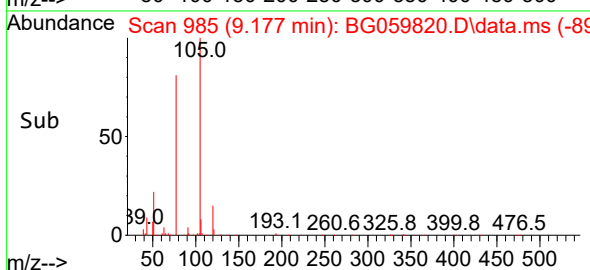
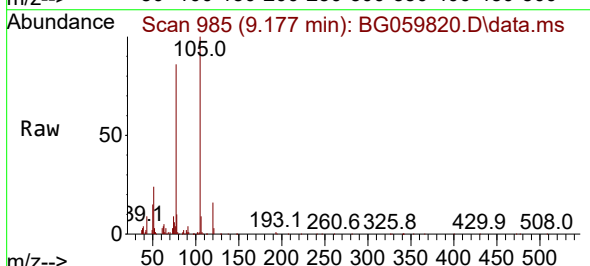
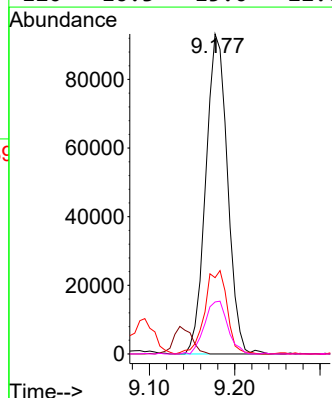
APPROVED

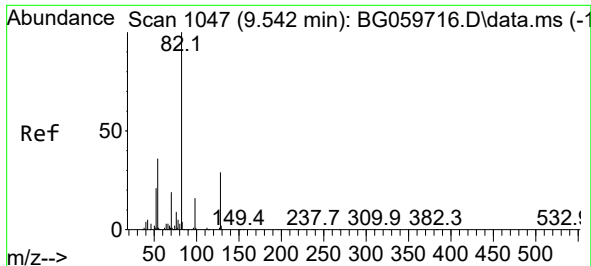
Reviewed By :Yogesh Patel 11/23/2023  
Supervised By :mohammad ahmed 11/25/2023



#22  
Acetophenone  
Concen: 41.751 ng  
RT: 9.177 min Scan# 985  
Delta R.T. -0.007 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

Tgt Ion:105 Resp: 164873  
Ion Ratio Lower Upper  
105 100  
71 0.0 0.0 0.0  
51 23.8 18.4 27.6  
120 16.3 15.0 22.6





#23  
Nitrobenzene-d5  
Concen: 84.286 ng  
RT: 9.535 min Scan# 1046  
Delta R.T. -0.007 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

Instrument :

BNA\_G

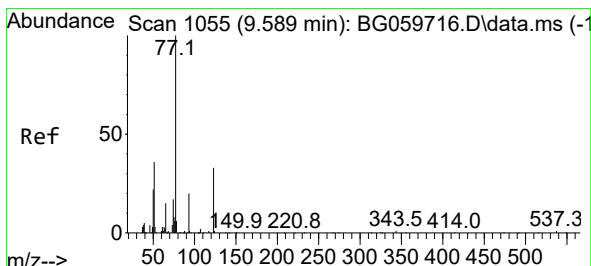
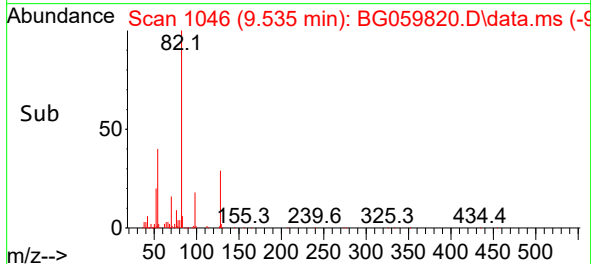
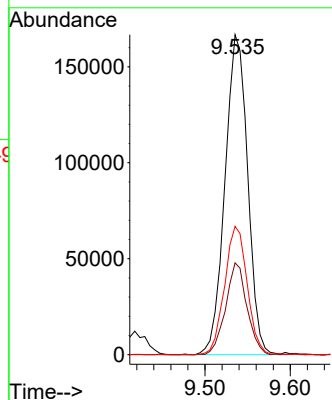
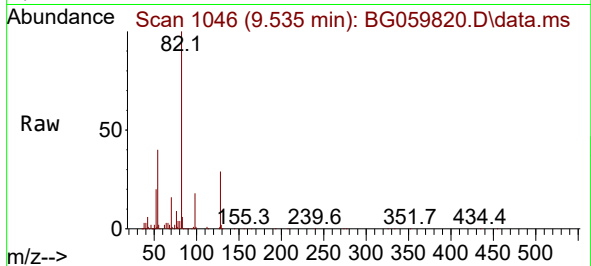
ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 307828  
Ion Ratio Lower Upper  
82 100  
128 28.7 23.0 34.6  
54 40.1 28.7 43.1

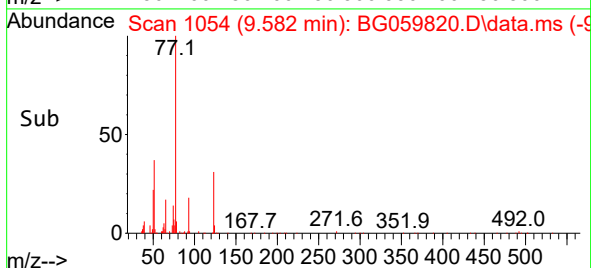
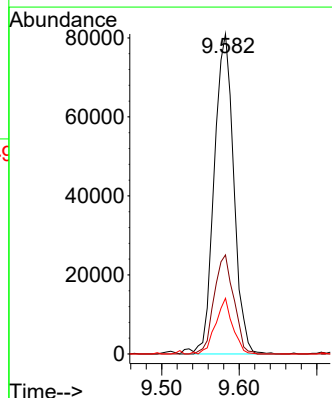
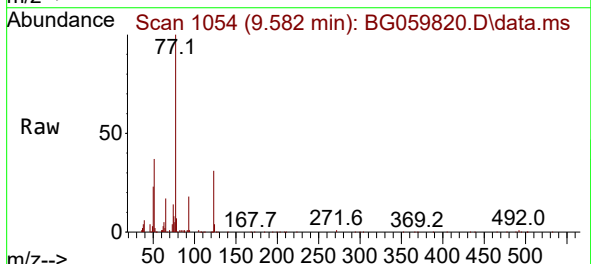
Manual Integrations  
APPROVED

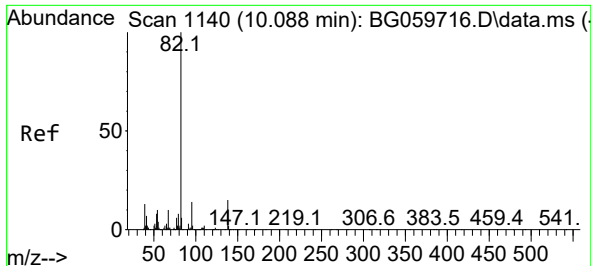
Reviewed By :Yogesh Patel 11/23/2023  
Supervised By :mohammad ahmed 11/25/2023



#24  
Nitrobenzene  
Concen: 42.177 ng  
RT: 9.582 min Scan# 1054  
Delta R.T. -0.007 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

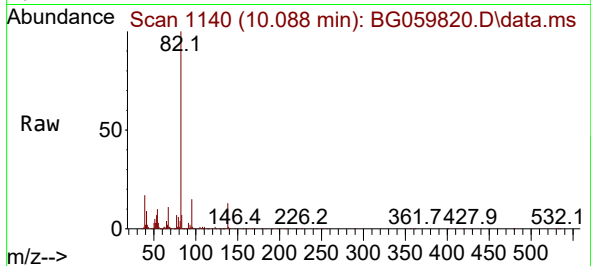
Tgt Ion: 77 Resp: 141868  
Ion Ratio Lower Upper  
77 100  
123 31.0 26.1 39.1  
65 17.4 12.1 18.1





#25  
Isophorone  
Concen: 37.777 ng  
RT: 10.088 min Scan# 1140  
Delta R.T. -0.001 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

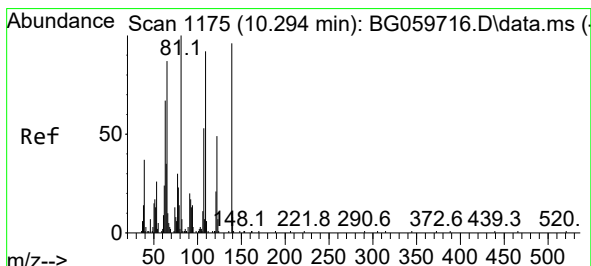
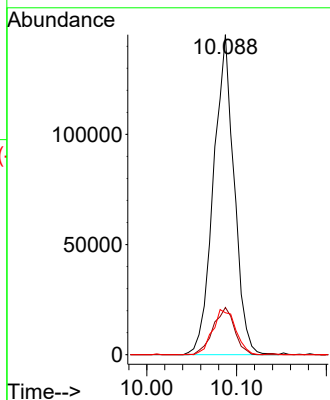
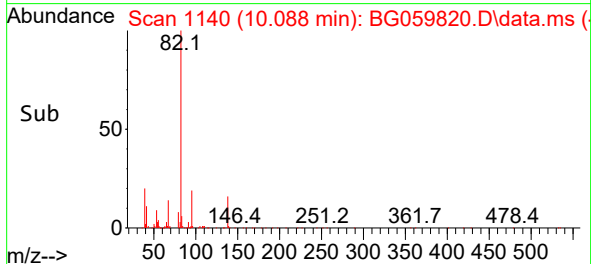
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 82 Resp: 231624  
Ion Ratio Lower Upper  
82 100  
95 14.8 11.4 17.0  
138 13.1 12.1 18.1

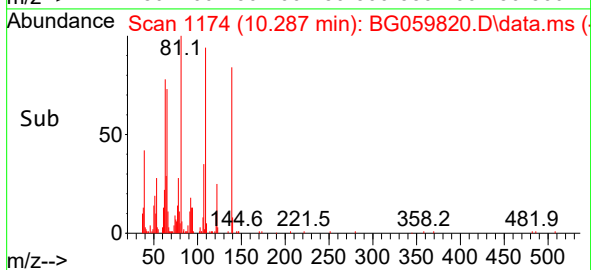
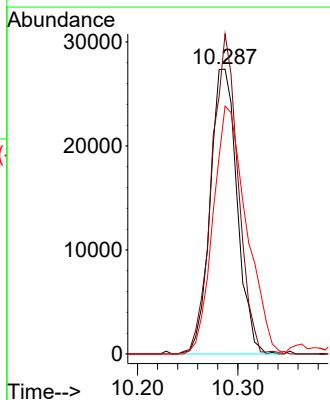
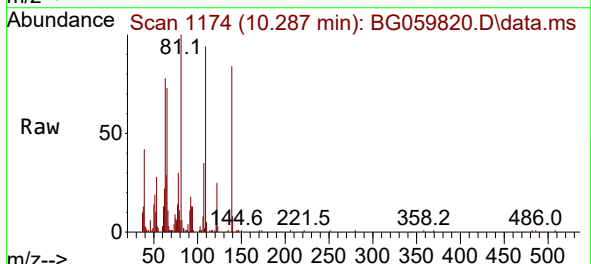
Manual Integrations  
APPROVED

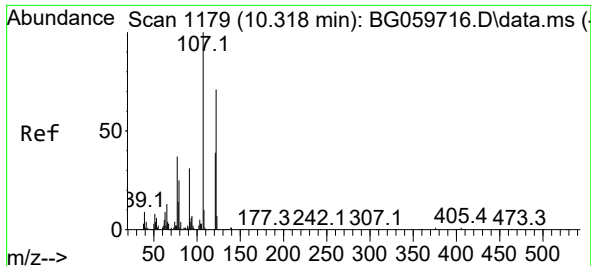
Reviewed By :Yogesh Patel 11/23/2023  
Supervised By :mohammad ahmed 11/25/2023



#26  
2-Nitrophenol  
Concen: 41.326 ng  
RT: 10.287 min Scan# 1174  
Delta R.T. -0.007 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

Tgt Ion:139 Resp: 50963  
Ion Ratio Lower Upper  
139 100  
109 112.4 76.7 115.1  
65 87.0 72.1 108.1





#27

2,4-Dimethylphenol

Concen: 37.122 ng

RT: 10.311 min Scan# 1179

Delta R.T. -0.007 min

Lab File: BG059820.D

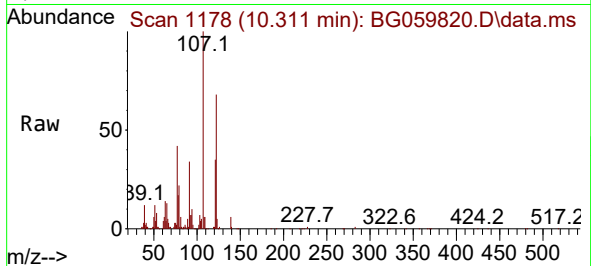
Acq: 22 Nov 2023 16:19

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040



Tgt Ion:122 Resp: 93078

Ion Ratio Lower Upper

122 100

107 146.2 112.1 168.1

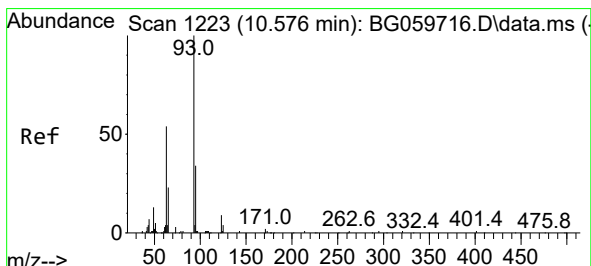
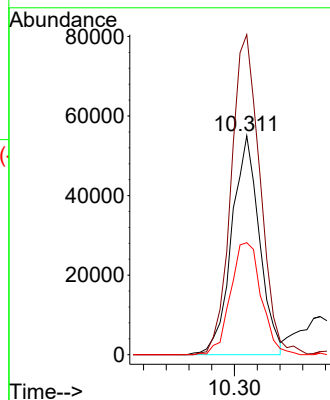
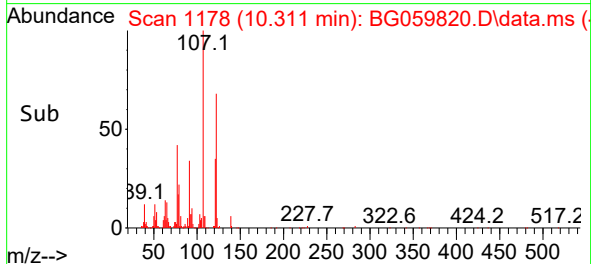
121 51.2 43.2 64.8

Manual Integrations

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Reviewed By :Yogesh Patel 11/23/2023

Supervised By :mohammad ahmed 11/25/2023



#28

bis(2-Chloroethoxy)methane

Concen: 38.599 ng

RT: 10.569 min Scan# 1222

Delta R.T. -0.007 min

Lab File: BG059820.D

Acq: 22 Nov 2023 16:19

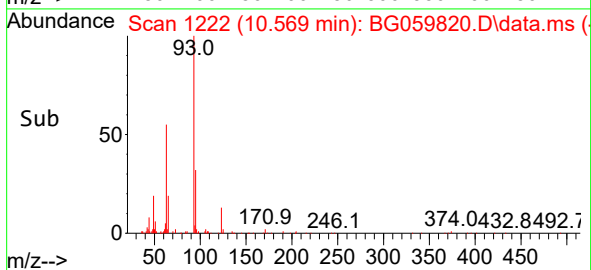
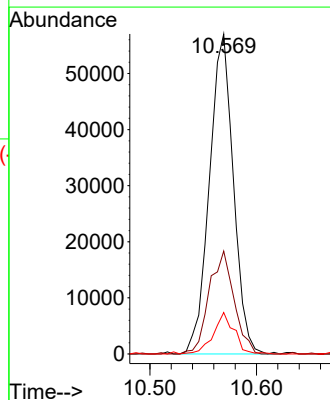
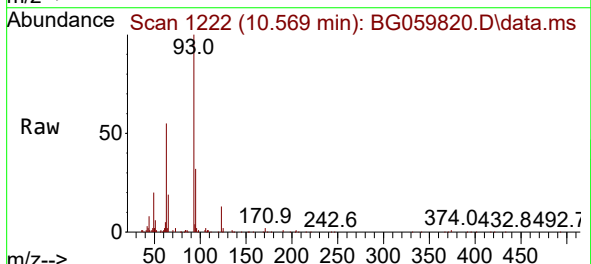
Tgt Ion: 93 Resp: 88935

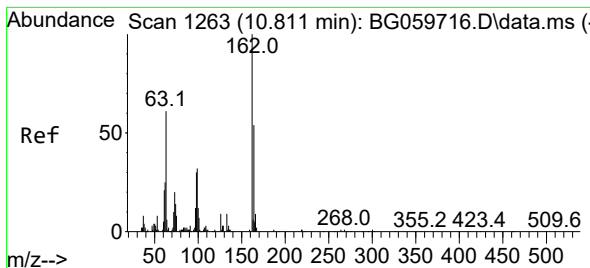
Ion Ratio Lower Upper

93 100

95 32.1 27.0 40.6

123 13.0 7.6 11.4#





#29  
2,4-Dichlorophenol  
Concen: 41.298 ng  
RT: 10.810 min Scan# 1263  
Delta R.T. -0.001 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

Instrument :

BNA\_G

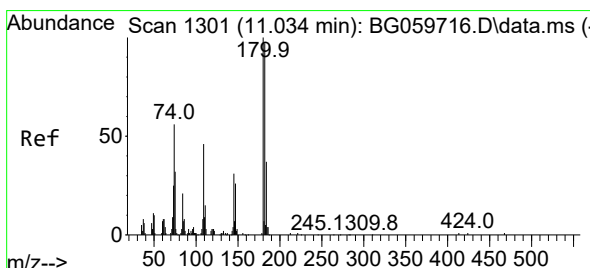
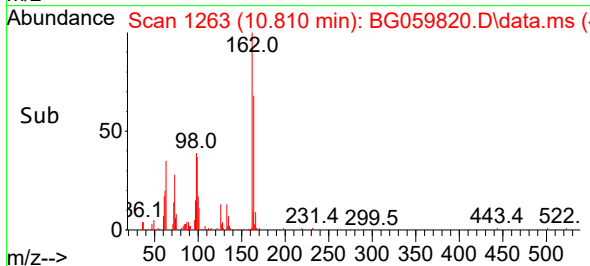
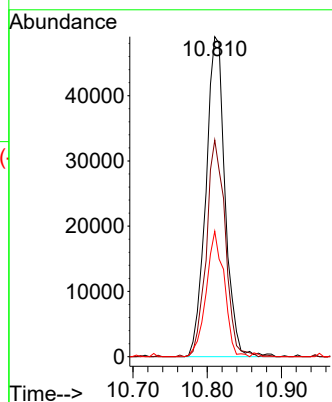
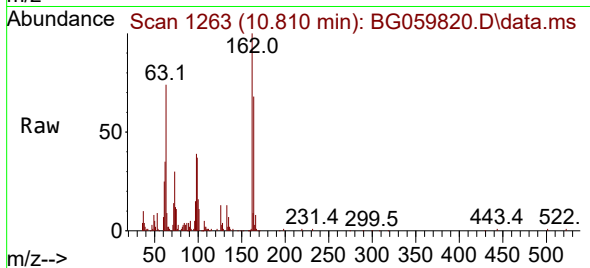
ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 88400  
Ion Ratio Lower Upper  
162 100  
164 67.7 33.6 73.6  
98 39.2 10.7 50.7

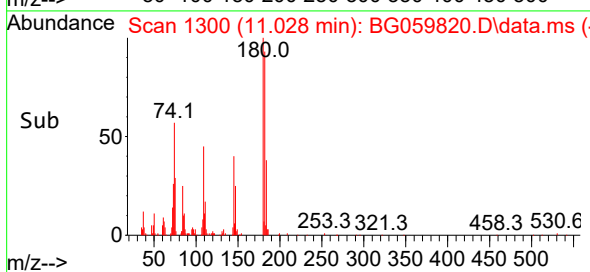
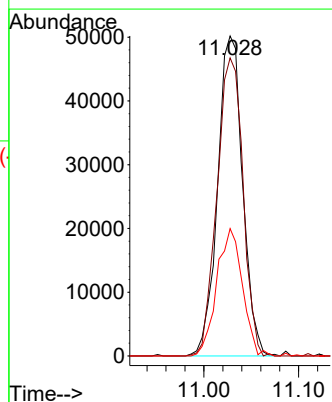
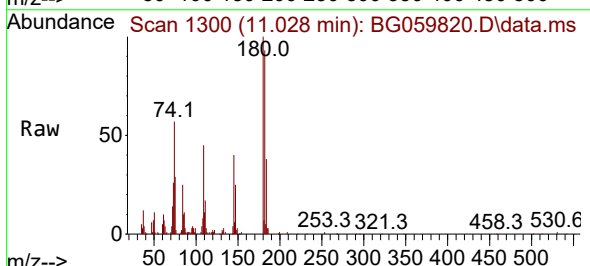
Manual Integrations  
APPROVED

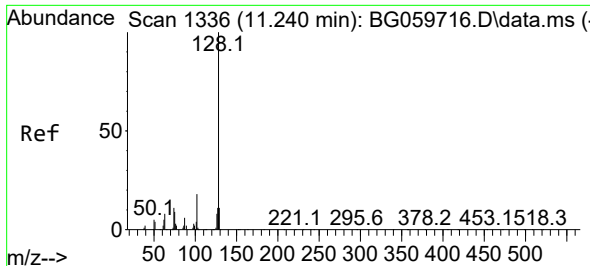
Reviewed By :Yogesh Patel 11/23/2023  
Supervised By :mohammad ahmed 11/25/2023



#30  
1,2,4-Trichlorobenzene  
Concen: 42.573 ng  
RT: 11.028 min Scan# 1300  
Delta R.T. -0.007 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

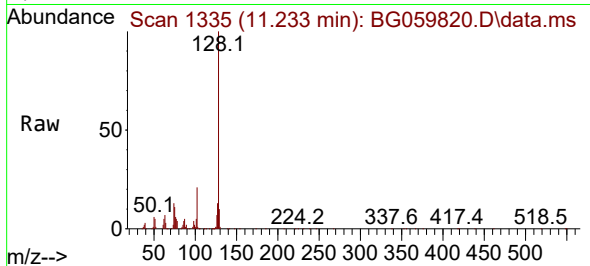
Tgt Ion:180 Resp: 92105  
Ion Ratio Lower Upper  
180 100  
182 93.1 77.4 116.2  
145 39.8 24.4 36.6#





#31  
Naphthalene  
Concen: 40.417 ng  
RT: 11.233 min Scan# 11  
Delta R.T. -0.007 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

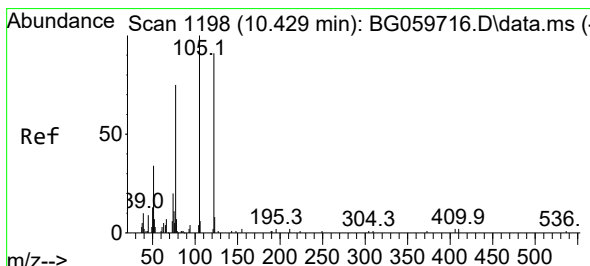
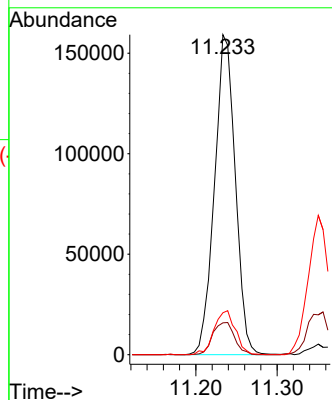
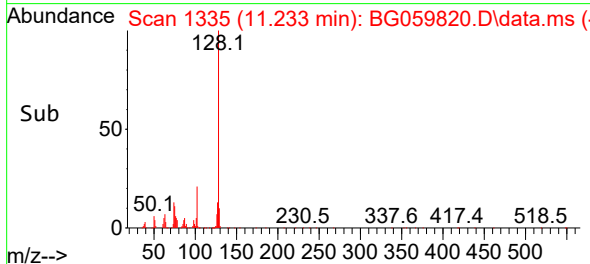
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:128 Resp: 28348  
Ion Ratio Lower Upper  
128 100  
129 10.0 8.7 13.1  
127 13.1 9.2 13.8

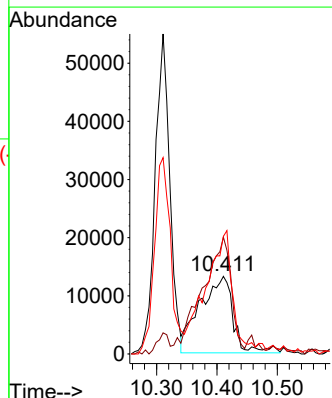
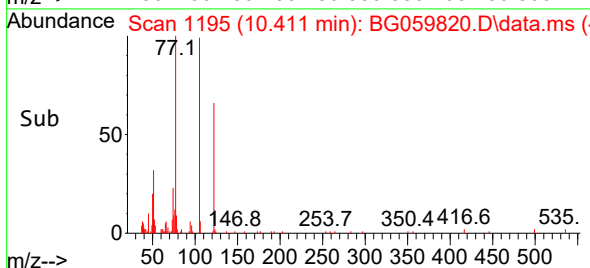
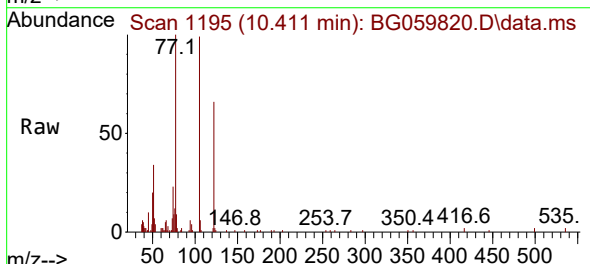
Manual Integrations  
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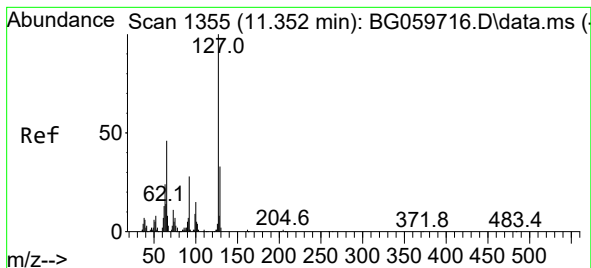
Reviewed By :Yogesh Patel 11/23/2023  
Supervised By :mohammad ahmed 11/25/2023



#32  
Benzoic acid  
Concen: 29.731 ng m  
RT: 10.411 min Scan# 1195  
Delta R.T. -0.019 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

Tgt Ion:122 Resp: 50733  
Ion Ratio Lower Upper  
122 100  
105 150.5 103.7 143.7#  
77 151.6 82.3 122.3#





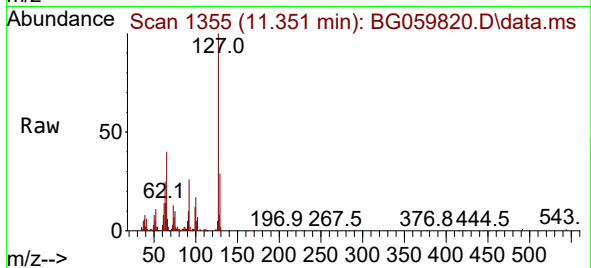
#33  
4-Chloroaniline  
Concen: 41.389 ng  
RT: 11.351 min Scan# 1355  
Delta R.T. -0.001 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040



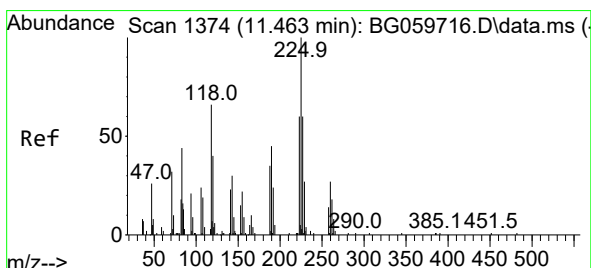
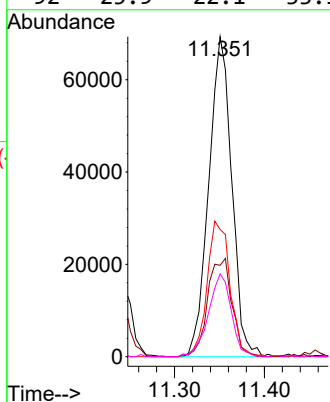
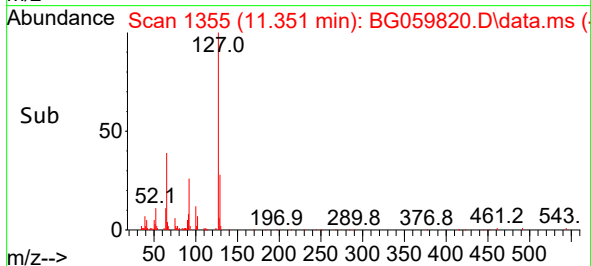
Tgt Ion:127 Resp: 123474  
Ion Ratio Lower Upper  
127 100  
129 28.6 26.8 40.2  
65 39.8 36.5 54.7  
92 25.9 22.1 33.1

Manual Integrations

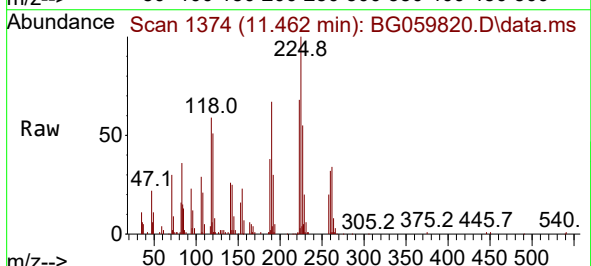
APPROVED

Reviewed By :Yogesh Patel 11/23/2023

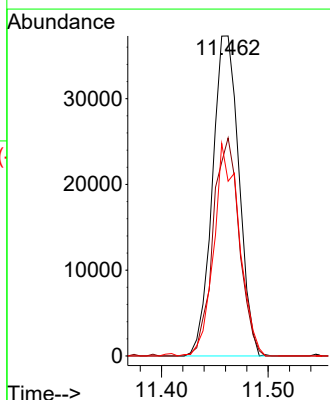
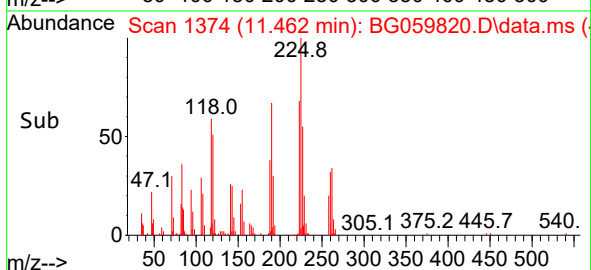
Supervised By :mohammad ahmed 11/25/2023

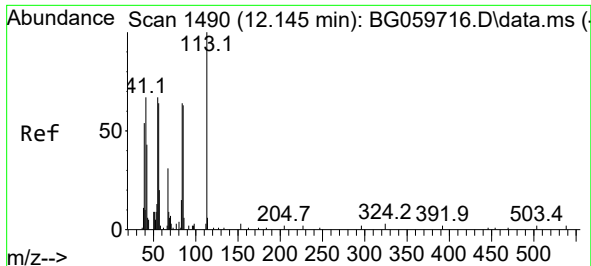


#34  
Hexachlorobutadiene  
Concen: 43.720 ng  
RT: 11.462 min Scan# 1374  
Delta R.T. -0.001 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19



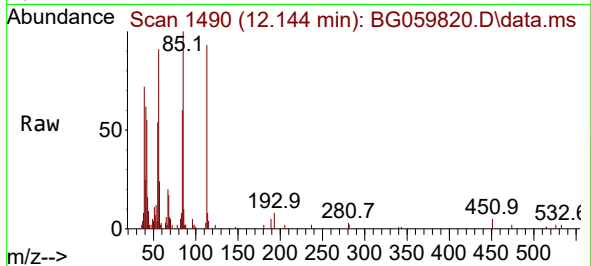
Tgt Ion:225 Resp: 64375  
Ion Ratio Lower Upper  
225 100  
223 68.2 46.6 69.8  
227 54.6 48.2 72.2





#35  
 Caprolactam  
 Concen: 36.023 ng  
 RT: 12.144 min Scan# 1490  
 Delta R.T. -0.001 min  
 Lab File: BG059820.D  
 Acq: 22 Nov 2023 16:19

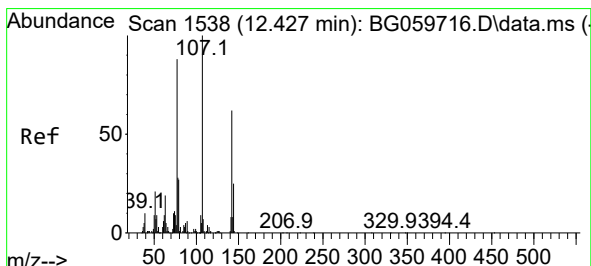
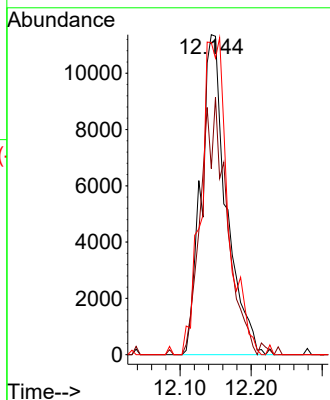
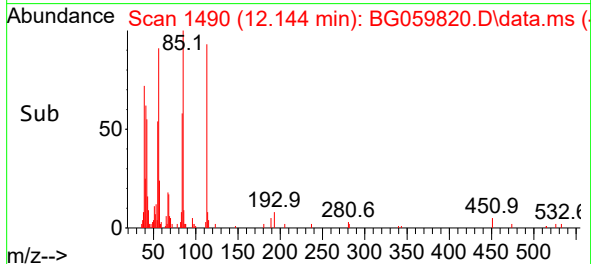
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040



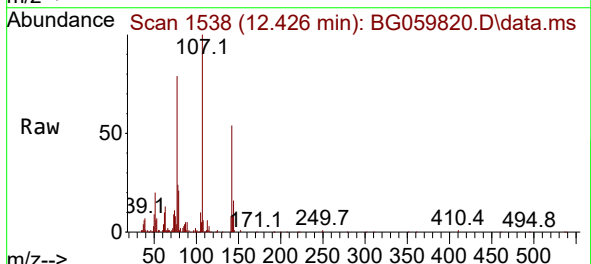
Tgt Ion:113 Resp: 2818  
 Ion Ratio Lower Upper  
 113 100  
 55 58.2 47.1 87.1  
 56 97.5 43.7 83.7

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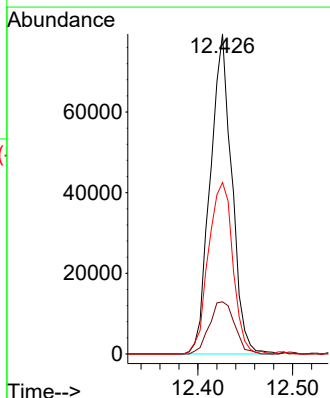
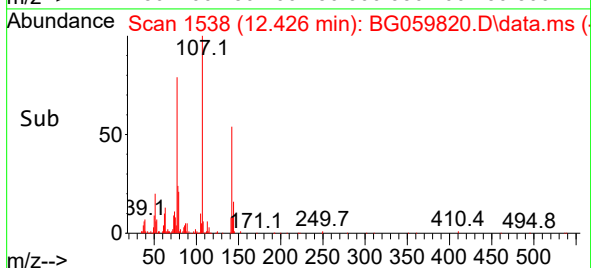
Reviewed By :Yogesh Patel 11/23/2023  
 Supervised By :mohammad ahmed 11/25/2023

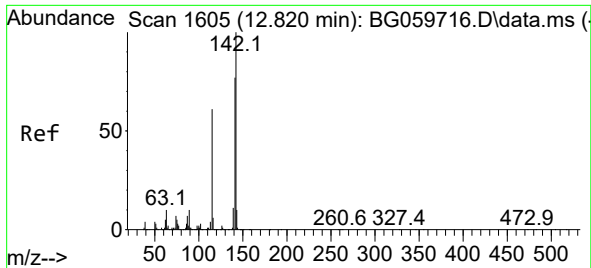


#36  
 4-Chloro-3-methylphenol  
 Concen: 43.973 ng  
 RT: 12.426 min Scan# 1538  
 Delta R.T. -0.001 min  
 Lab File: BG059820.D  
 Acq: 22 Nov 2023 16:19



Tgt Ion:107 Resp: 125191  
 Ion Ratio Lower Upper  
 107 100  
 144 16.3 20.2 30.4#  
 142 53.6 49.4 74.0





#37  
2-Methylnaphthalene  
Concen: 42.533 ng  
RT: 12.814 min Scan# 1604  
Delta R.T. -0.007 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

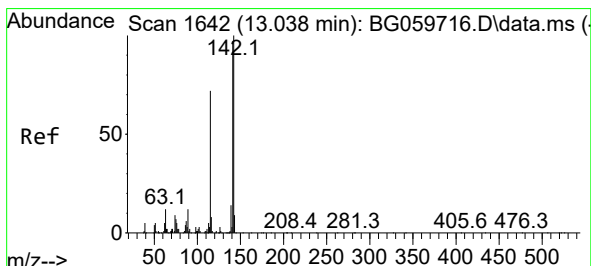
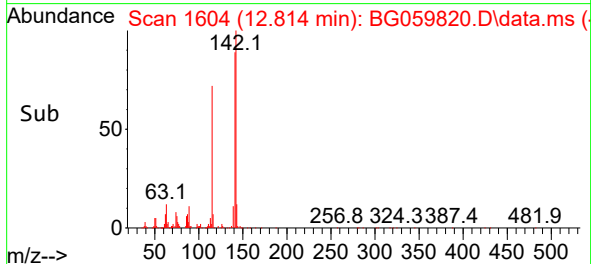
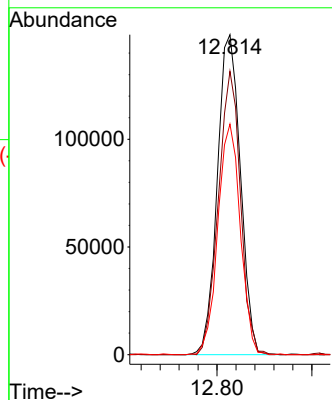
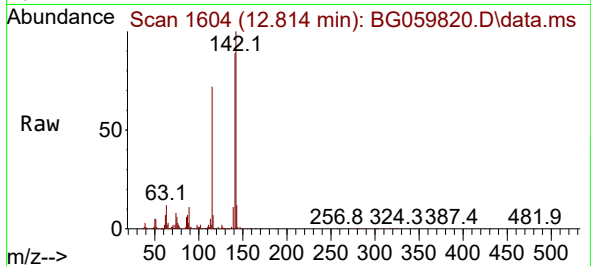
Tgt Ion:142 Resp: 251259  
Ion Ratio Lower Upper  
142 100  
141 88.5 61.9 92.9  
115 72.0 49.0 73.4

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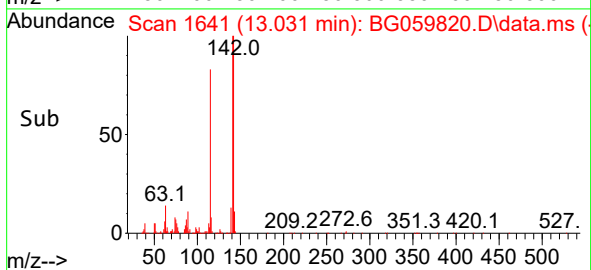
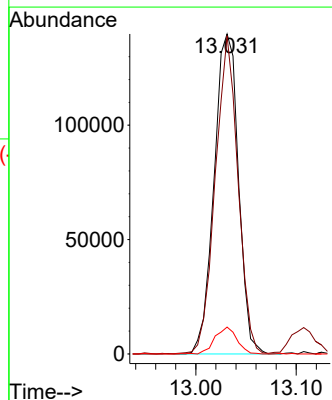
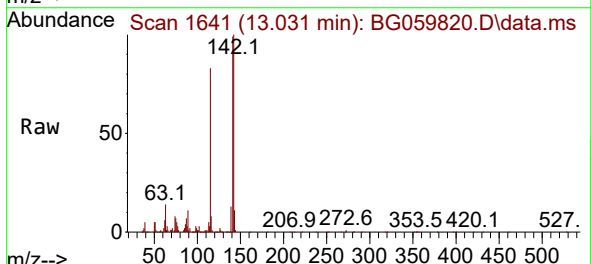
Reviewed By :Yogesh Patel 11/23/2023

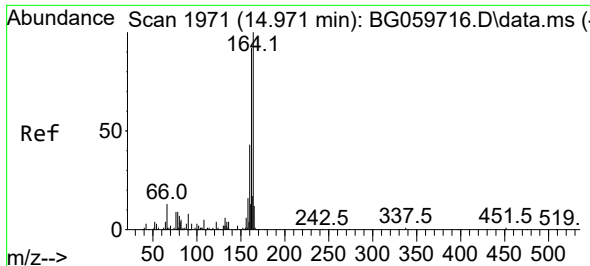
Supervised By :mohammad ahmed 11/25/2023



#38  
1-Methylnaphthalene  
Concen: 43.181 ng  
RT: 13.031 min Scan# 1641  
Delta R.T. -0.007 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

Tgt Ion:142 Resp: 235236  
Ion Ratio Lower Upper  
142 100  
141 99.5 77.8 116.8  
116 8.4 6.2 9.2





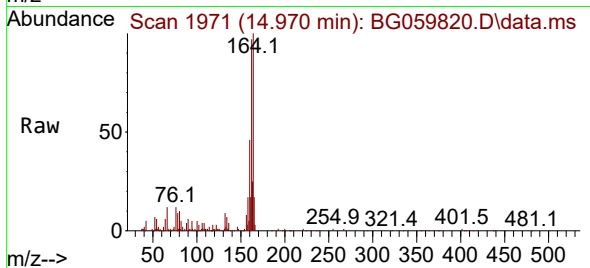
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.970 min Scan# 1971  
Delta R.T. -0.001 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

Instrument :

BNA\_G

ClientSampleId :

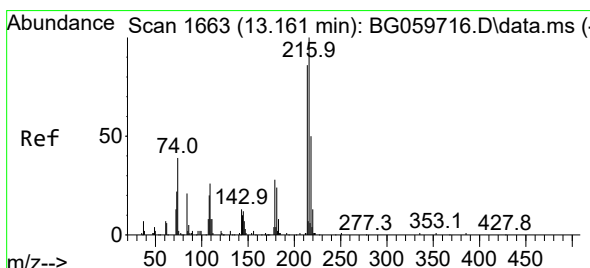
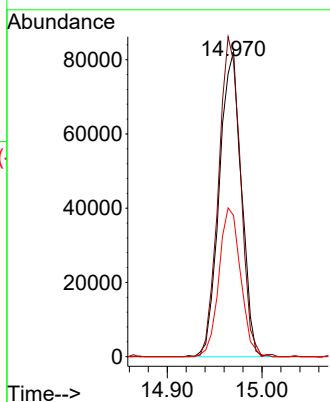
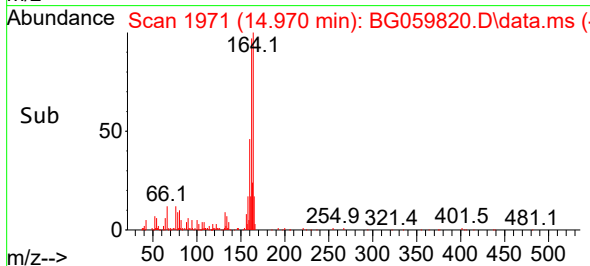
SSTDCCC040



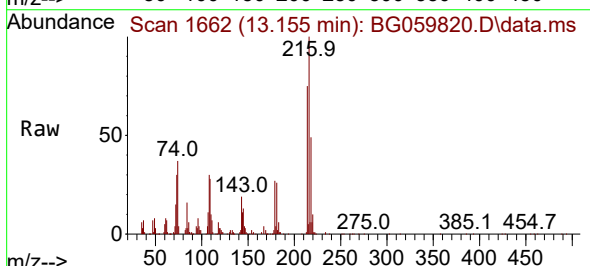
Tgt Ion:164 Resp: 132600  
Ion Ratio Lower Upper  
164 100  
162 96.7 73.3 109.9  
160 46.3 34.1 51.1

Manual Integrations  
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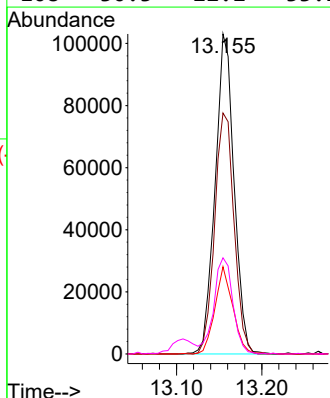
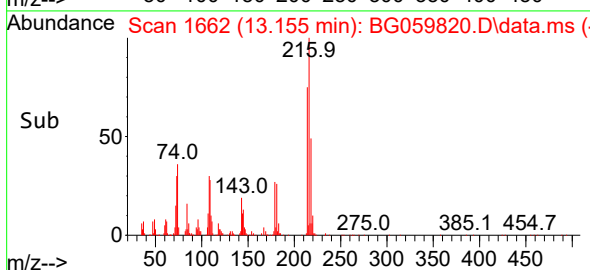
Reviewed By :Yogesh Patel 11/23/2023  
Supervised By :mohammad ahmed 11/25/2023

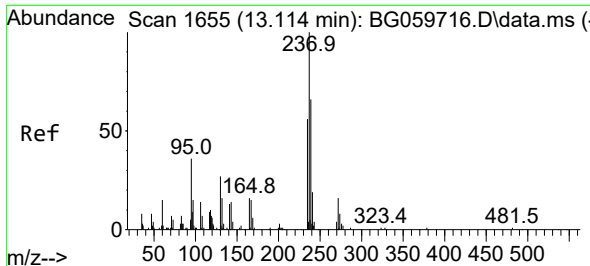


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 44.392 ng  
RT: 13.155 min Scan# 1662  
Delta R.T. -0.007 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19



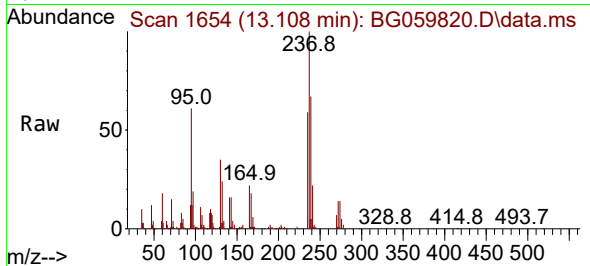
Tgt Ion:216 Resp: 158972  
Ion Ratio Lower Upper  
216 100  
214 77.2 61.0 91.4  
179 25.8 20.2 30.2  
108 30.3 22.2 33.2





#41  
Hexachlorocyclopentadiene  
Concen: 49.795 ng  
RT: 13.108 min Scan# 11185  
Delta R.T. -0.007 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

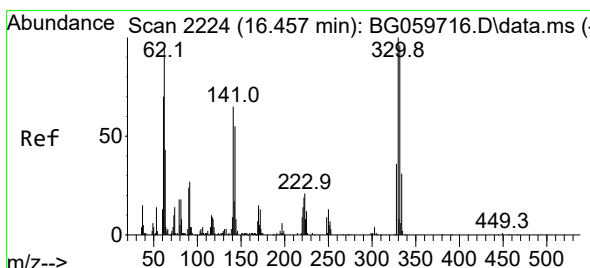
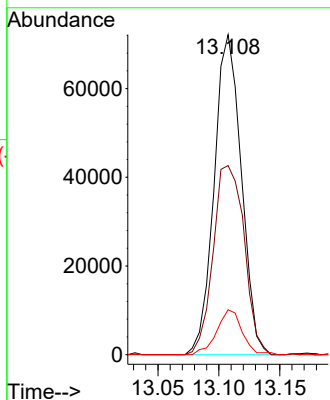
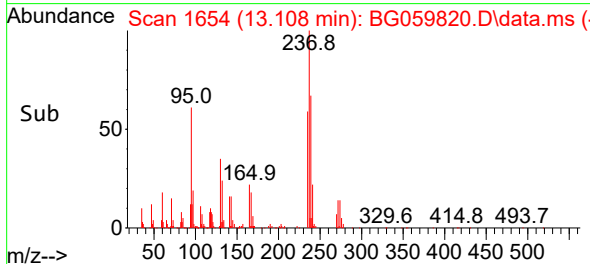
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:237 Resp: 11185  
Ion Ratio Lower Upper  
237 100  
235 59.1 36.0 76.0  
272 14.1 0.0 36.5

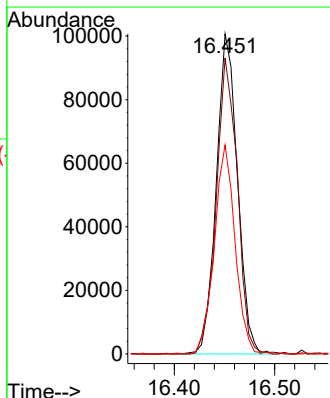
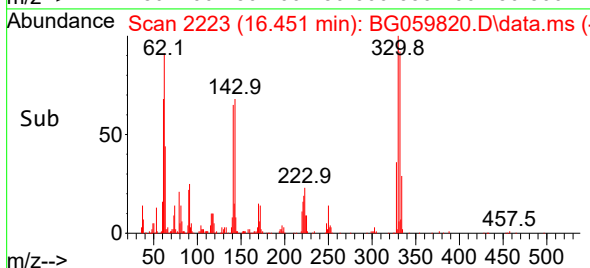
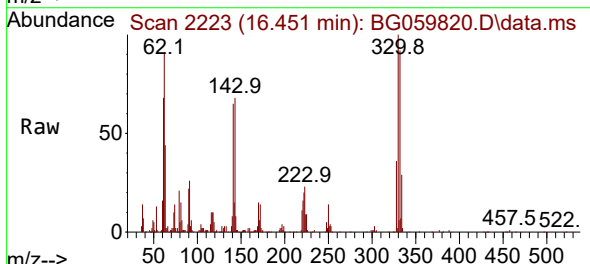
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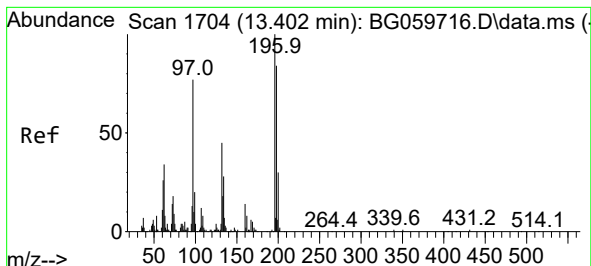
Reviewed By :Yogesh Patel 11/23/2023  
Supervised By :mohammad ahmed 11/25/2023



#42  
2,4,6-Tribromophenol  
Concen: 97.615 ng  
RT: 16.451 min Scan# 2223  
Delta R.T. -0.007 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

Tgt Ion:330 Resp: 146863  
Ion Ratio Lower Upper  
330 100  
332 92.1 73.3 109.9  
141 64.2 52.1 78.1





#43

2,4,6-Trichlorophenol

Concen: 43.690 ng

RT: 13.395 min Scan# 1703

Delta R.T. -0.007 min

Lab File: BG059820.D

Acq: 22 Nov 2023 16:19

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion:196 Resp: 108799

Ion Ratio Lower Upper

196 100

198 90.4 67.6 101.4

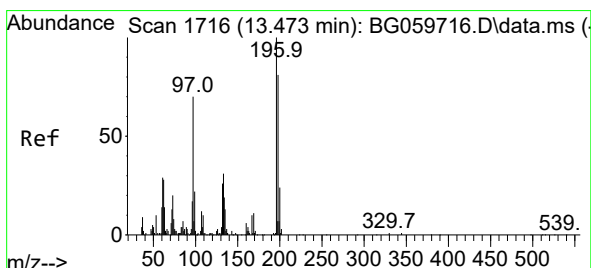
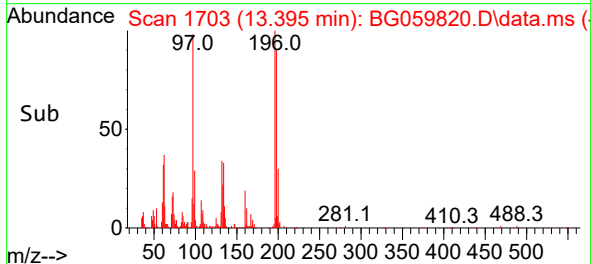
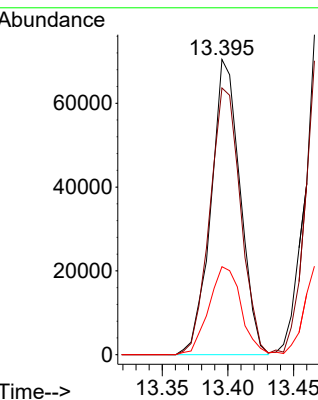
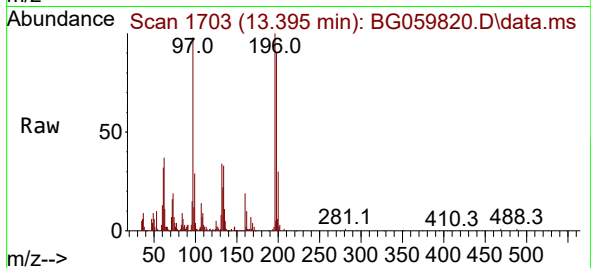
200 29.8 24.4 36.6

Manual Integrations

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Reviewed By :Yogesh Patel 11/23/2023

Supervised By :mohammad ahmed 11/25/2023



#44

2,4,5-Trichlorophenol

Concen: 43.699 ng

RT: 13.466 min Scan# 1715

Delta R.T. -0.007 min

Lab File: BG059820.D

Acq: 22 Nov 2023 16:19

Tgt Ion:196 Resp: 127864

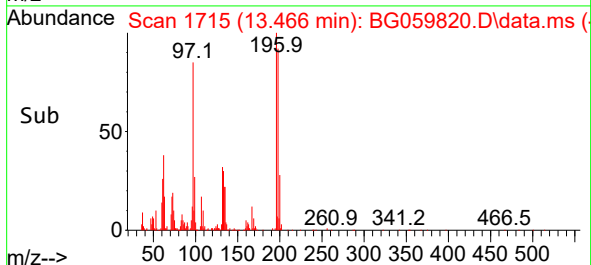
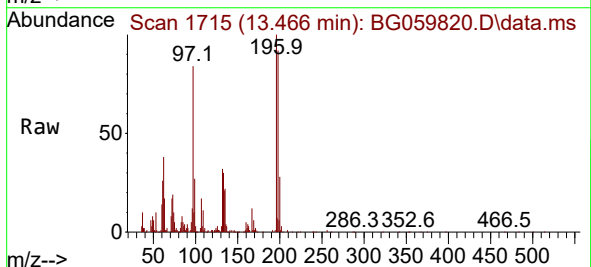
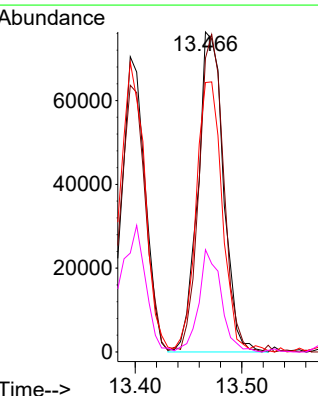
Ion Ratio Lower Upper

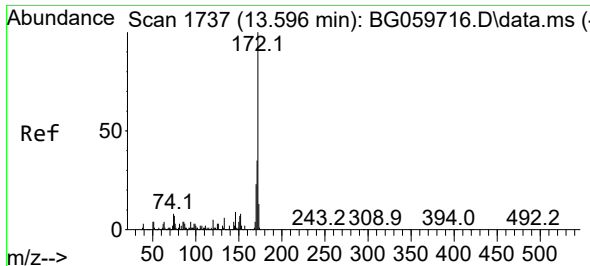
196 100

198 91.8 66.7 100.1

97 84.2 55.9 83.9#

132 32.0 20.4 30.6#





#45  
2-Fluorobiphenyl  
Concen: 90.398 ng  
RT: 13.589 min Scan# 1736  
Delta R.T. -0.007 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

Instrument :

BNA\_G

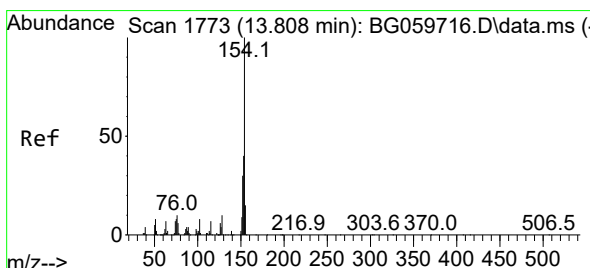
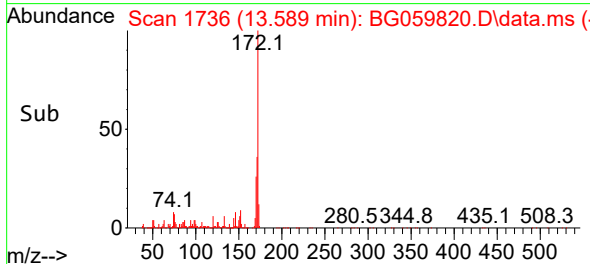
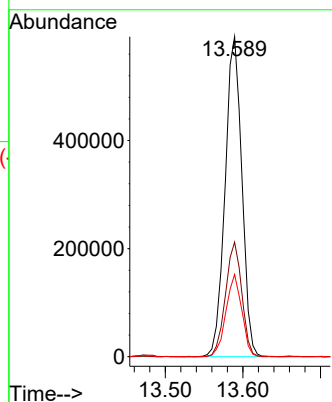
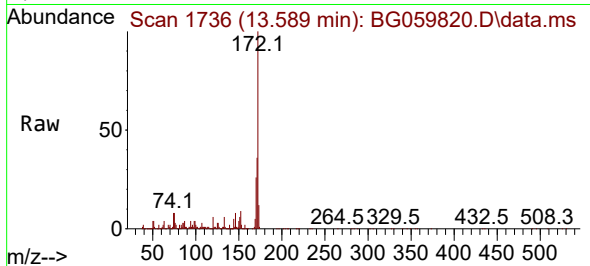
ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 89052  
Ion Ratio Lower Upper  
172 100  
171 35.8 27.7 41.5  
170 25.7 18.4 27.6

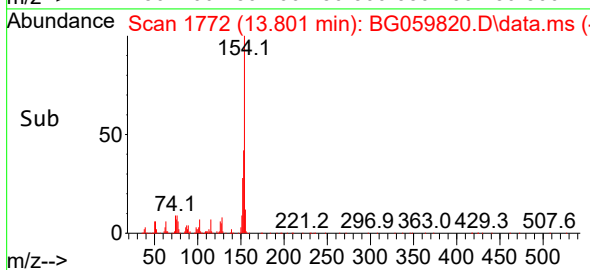
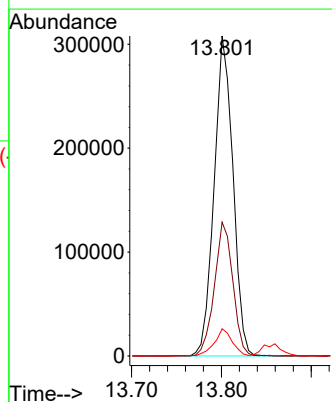
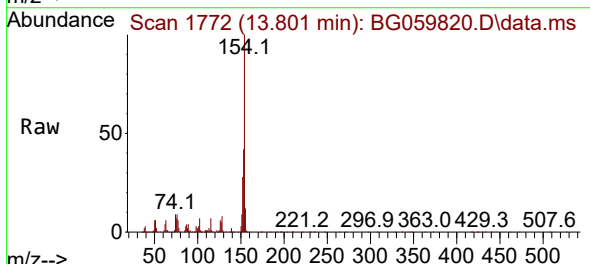
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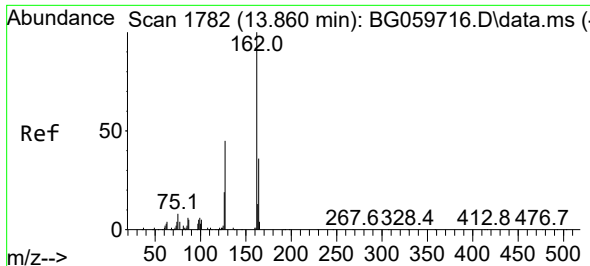
Reviewed By :Yogesh Patel 11/23/2023  
Supervised By :mohammad ahmed 11/25/2023



#46  
1,1'-Biphenyl  
Concen: 43.008 ng  
RT: 13.801 min Scan# 1772  
Delta R.T. -0.007 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

Tgt Ion:154 Resp: 447627  
Ion Ratio Lower Upper  
154 100  
153 41.8 19.7 59.7  
76 8.5 0.0 30.4





#47  
2-Chloronaphthalene  
Concen: 42.862 ng  
RT: 13.854 min Scan# 1781  
Delta R.T. -0.007 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

Instrument :

BNA\_G

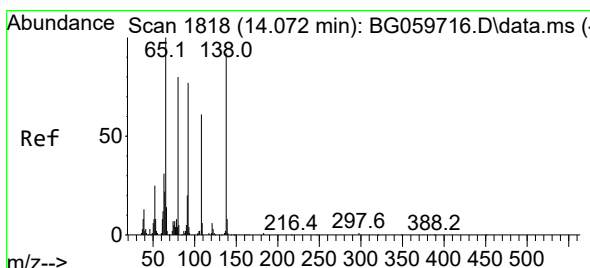
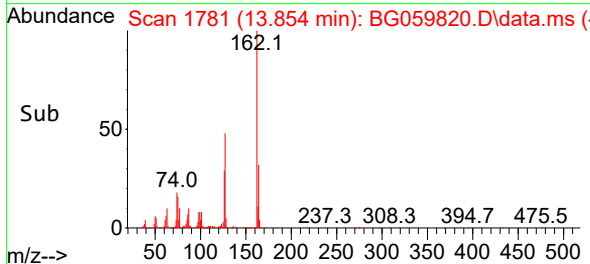
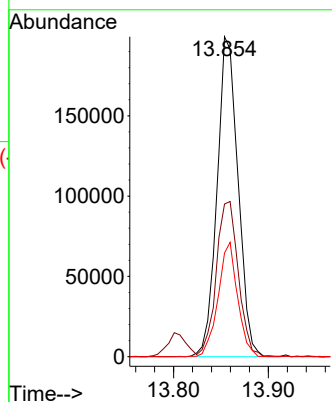
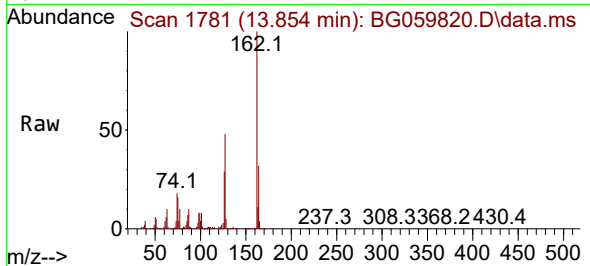
ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 306530  
Ion Ratio Lower Upper  
162 100  
127 47.7 41.0 61.6  
164 32.4 28.9 43.3

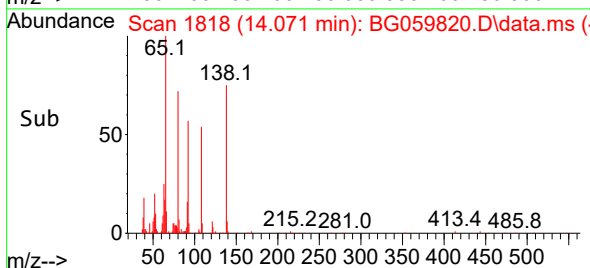
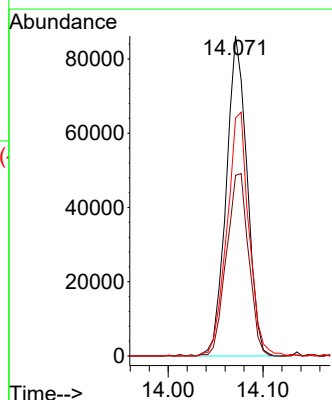
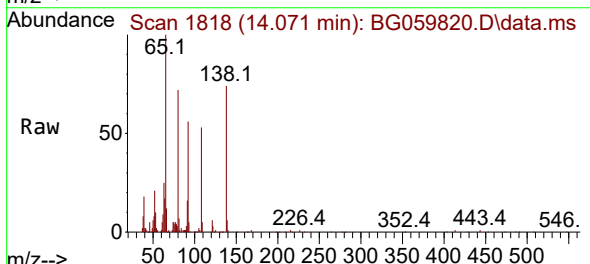
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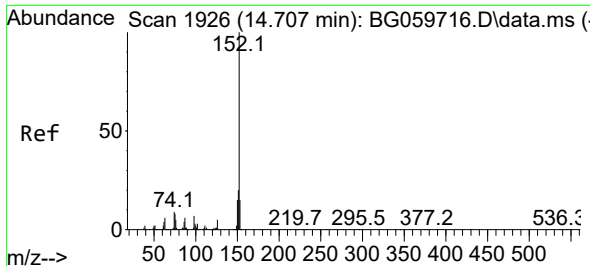
Reviewed By :Yogesh Patel 11/23/2023  
Supervised By :mohammad ahmed 11/25/2023



#48  
2-Nitroaniline  
Concen: 51.573 ng  
RT: 14.071 min Scan# 1818  
Delta R.T. -0.001 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

Tgt Ion: 65 Resp: 131683  
Ion Ratio Lower Upper  
65 100  
92 56.4 61.2 91.8#  
138 74.3 73.8 110.6





#49  
Acenaphthylene  
Concen: 43.442 ng  
RT: 14.700 min Scan# 1926  
Delta R.T. -0.007 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

Instrument :

BNL\_G

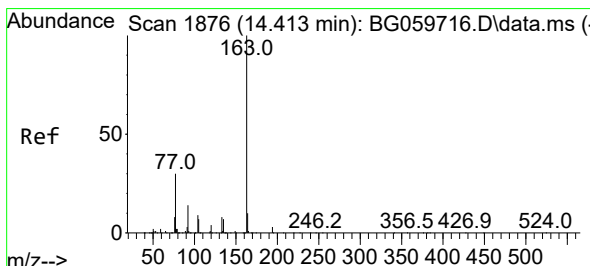
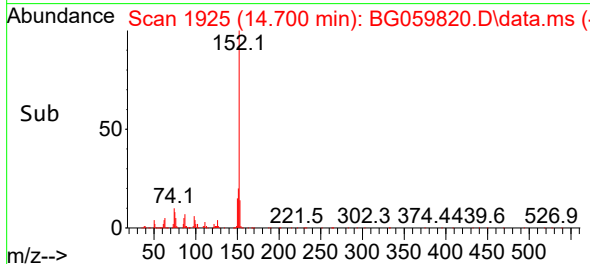
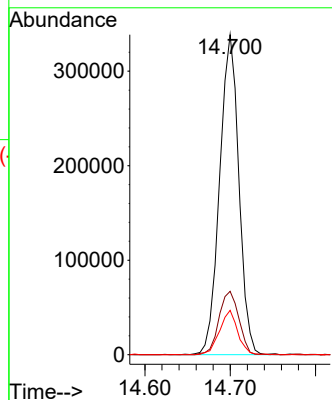
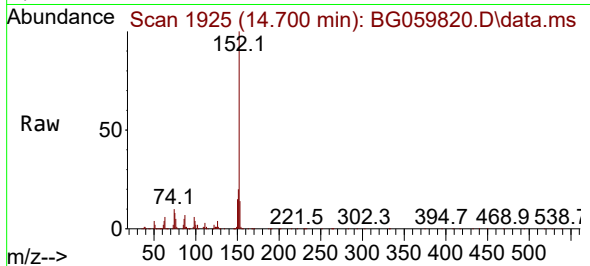
ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 529739  
Ion Ratio Lower Upper  
152 100  
151 19.8 15.8 23.8  
153 13.8 12.2 18.4

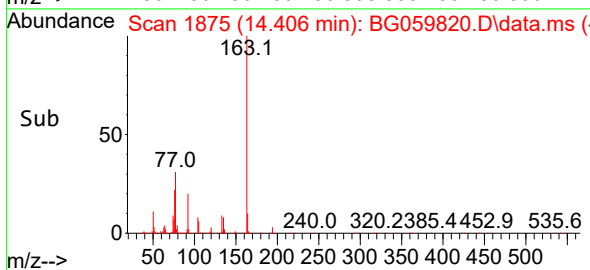
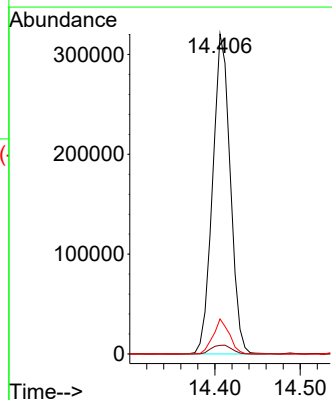
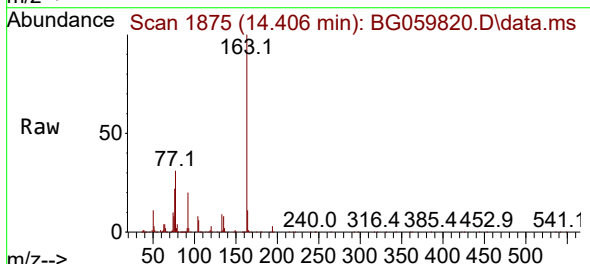
Manual Integrations  
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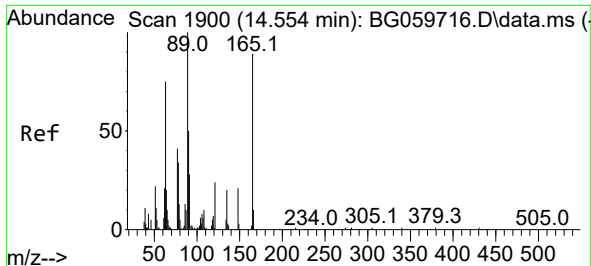
Reviewed By :Yogesh Patel 11/23/2023  
Supervised By :mohammad ahmed 11/25/2023



#50  
Dimethylphthalate  
Concen: 44.991 ng  
RT: 14.406 min Scan# 1875  
Delta R.T. -0.007 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

Tgt Ion:163 Resp: 462313  
Ion Ratio Lower Upper  
163 100  
194 2.7 2.8 4.2#  
164 11.0 8.2 12.2





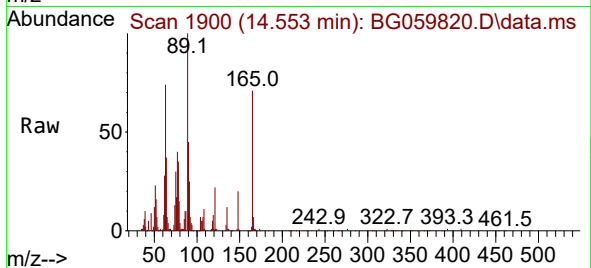
#51  
2,6-Dinitrotoluene  
Concen: 43.908 ng  
RT: 14.553 min Scan# 1900  
Delta R.T. -0.001 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040



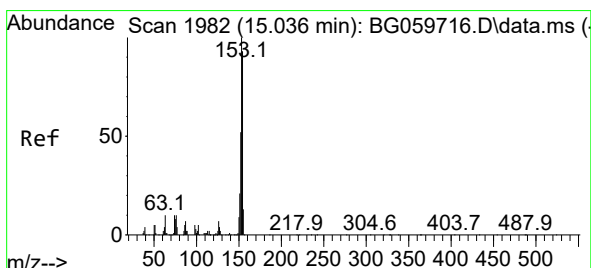
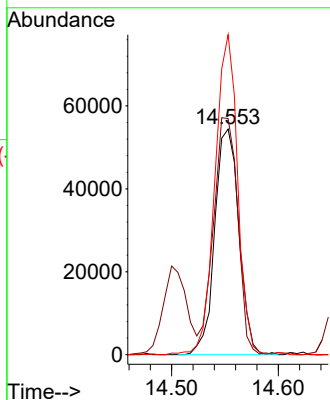
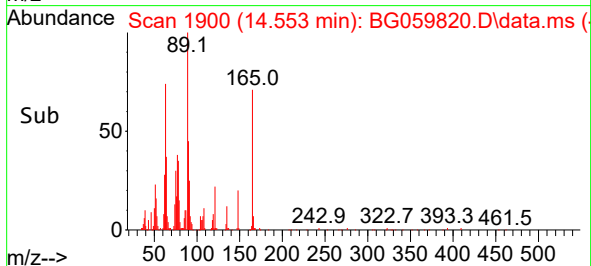
Tgt Ion:165 Resp: 85594  
Ion Ratio Lower Upper  
165 100  
63 104.7 75.3 112.9  
89 141.8 90.9 136.3

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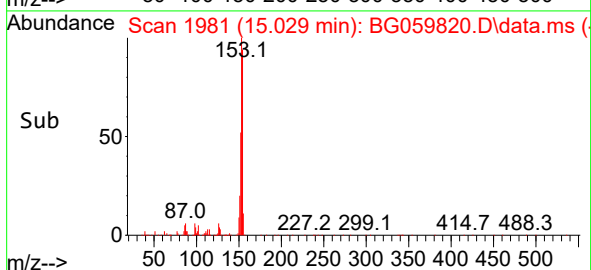
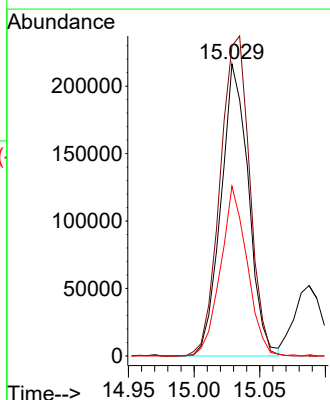
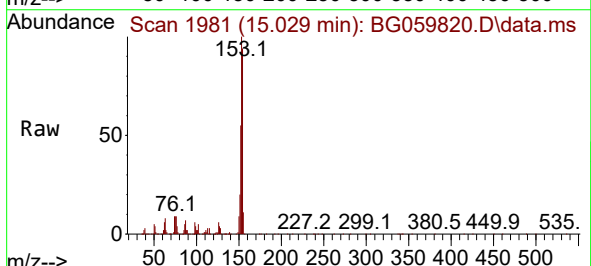
Reviewed By :Yogesh Patel 11/23/2023

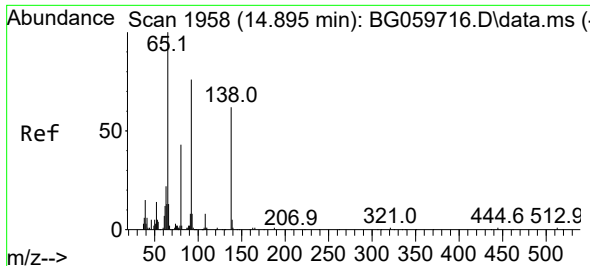
Supervised By :mohammad ahmed 11/25/2023



#52  
Acenaphthene  
Concen: 43.191 ng  
RT: 15.029 min Scan# 1981  
Delta R.T. -0.007 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

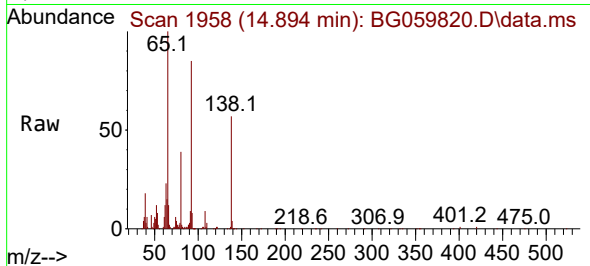
Tgt Ion:154 Resp: 316747  
Ion Ratio Lower Upper  
154 100  
153 106.2 85.8 128.8  
152 58.1 44.4 66.6





#53  
3-Nitroaniline  
Concen: 38.494 ng  
RT: 14.894 min Scan# 1958  
Delta R.T. -0.001 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

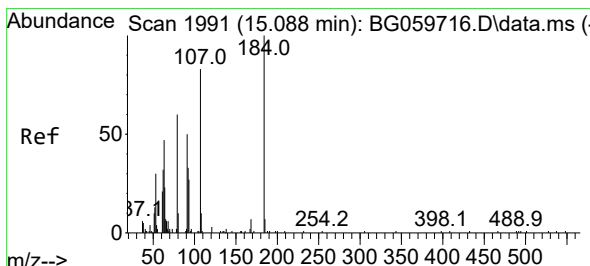
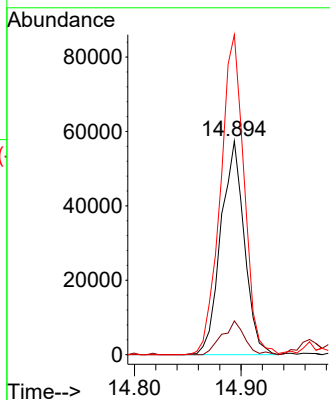
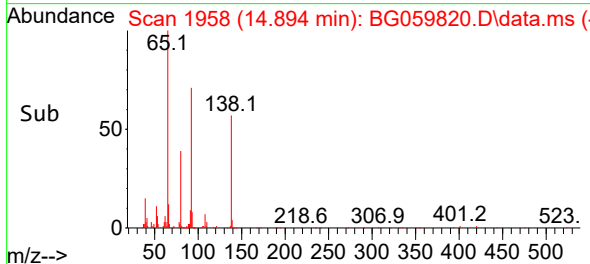
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



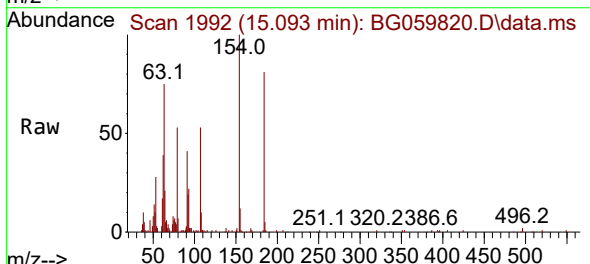
Tgt Ion:138 Resp: 87830  
Ion Ratio Lower Upper  
138 100  
108 15.8 9.9 14.9  
92 149.9 98.3 147.5

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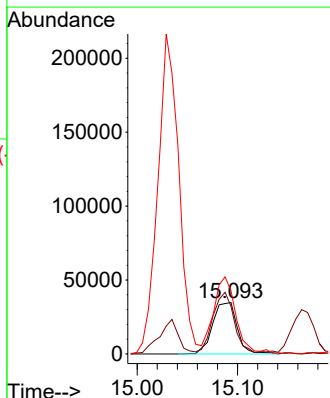
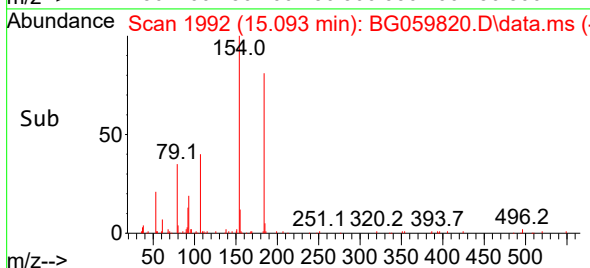
Reviewed By :Yogesh Patel 11/23/2023  
Supervised By :mohammad ahmed 11/25/2023

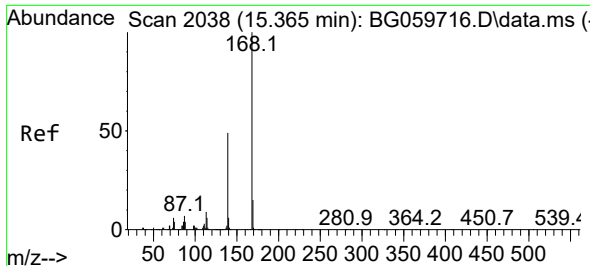


#54  
2,4-Dinitrophenol  
Concen: 40.674 ng  
RT: 15.093 min Scan# 1992  
Delta R.T. 0.005 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19



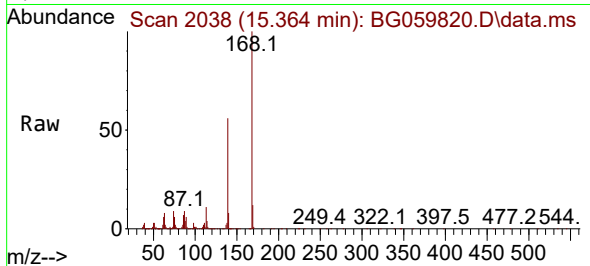
Tgt Ion:184 Resp: 58920  
Ion Ratio Lower Upper  
184 100  
63 92.6 58.3 87.5  
154 123.0 94.1 141.1





#55  
Dibenzenofuran  
Concen: 43.063 ng  
RT: 15.364 min Scan# 2038  
Delta R.T. -0.001 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

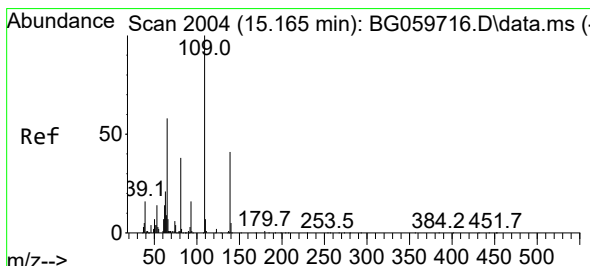
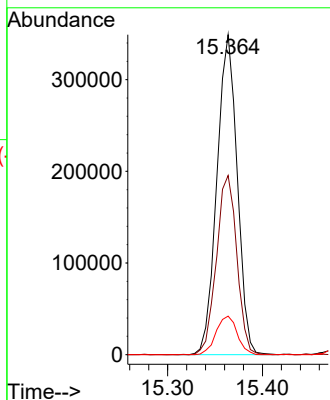
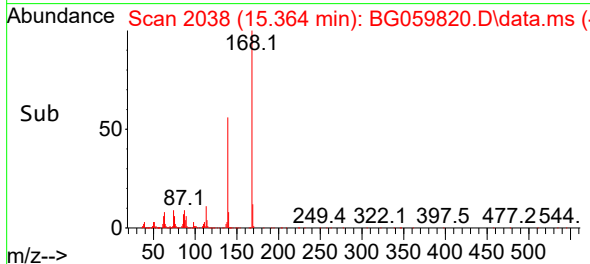
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



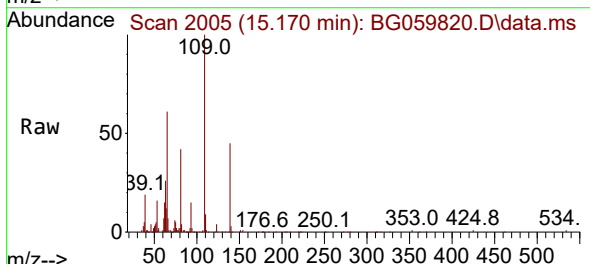
Tgt Ion:168 Resp: 52068  
Ion Ratio Lower Upper  
168 100  
139 56.0 38.9 58.3  
169 12.1 11.8 17.8

Manual Integrations  
APPROVED

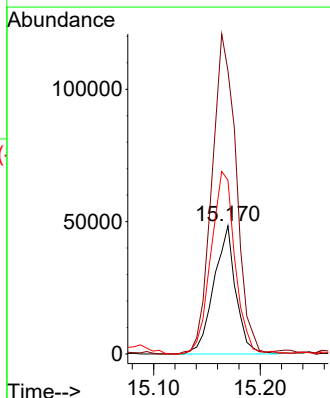
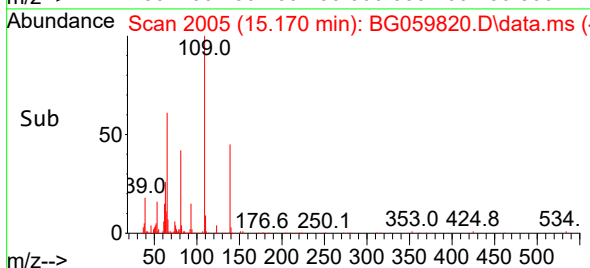
Reviewed By :Yogesh Patel 11/23/2023  
Supervised By :mohammad ahmed 11/25/2023

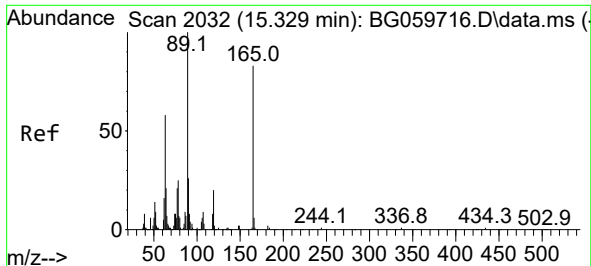


#56  
4-Nitrophenol  
Concen: 39.592 ng  
RT: 15.170 min Scan# 2005  
Delta R.T. 0.005 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19



Tgt Ion:139 Resp: 69116  
Ion Ratio Lower Upper  
139 100  
109 220.8 223.4 263.4#  
65 135.5 120.6 160.6





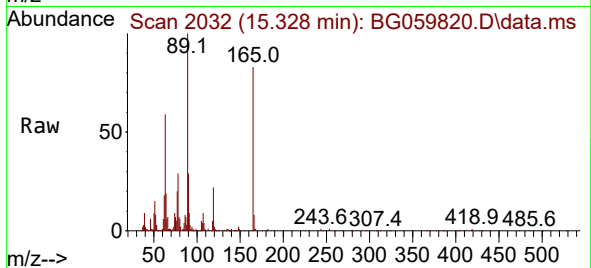
#57  
2,4-Dinitrotoluene  
Concen: 45.385 ng  
RT: 15.328 min Scan# 2032  
Delta R.T. -0.001 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

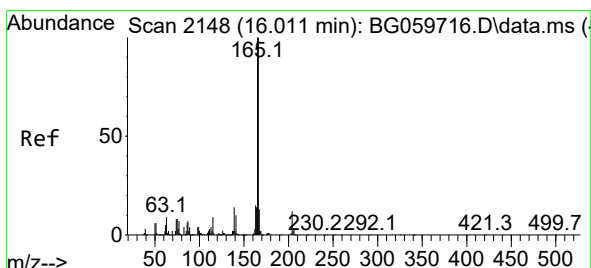
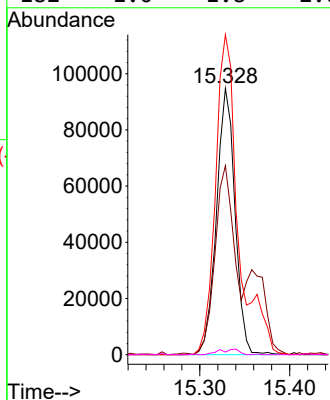
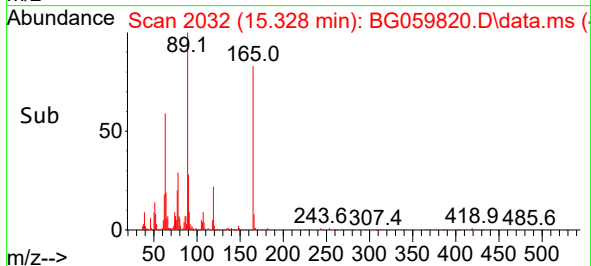


Tgt Ion:165 Resp: 13605  
Ion Ratio Lower Upper  
165 100  
63 71.0 55.8 83.8  
89 120.1 96.9 145.3  
182 1.0 1.8 2.6#

Manual Integrations

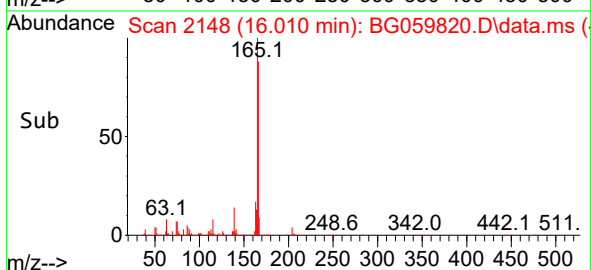
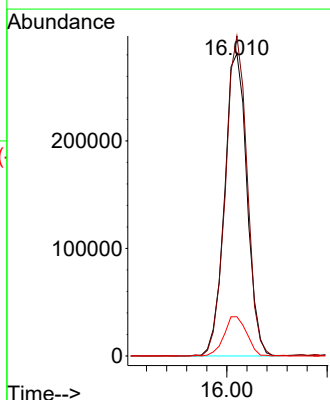
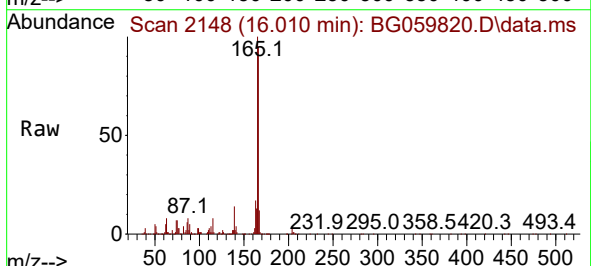
APPROVED

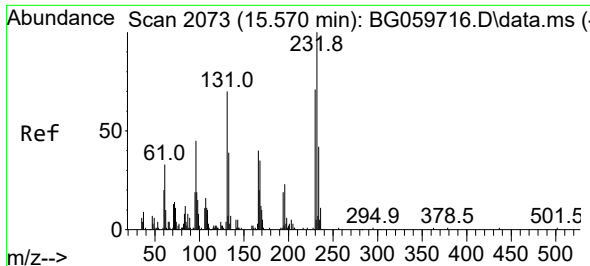
Reviewed By :Yogesh Patel 11/23/2023  
Supervised By :mohammad ahmed 11/25/2023



#58  
Fluorene  
Concen: 43.340 ng  
RT: 16.010 min Scan# 2148  
Delta R.T. -0.001 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

Tgt Ion:166 Resp: 435363  
Ion Ratio Lower Upper  
166 100  
165 105.8 79.9 119.9  
167 13.0 10.1 15.1





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 44.558 ng  
RT: 15.569 min Scan# 2073  
Delta R.T. -0.001 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

Instrument :

BNA\_G

ClientSampleId :

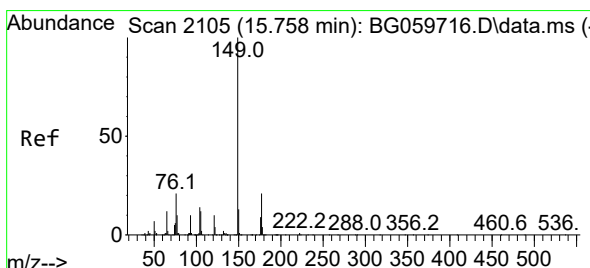
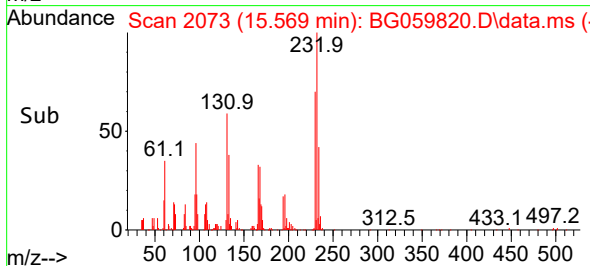
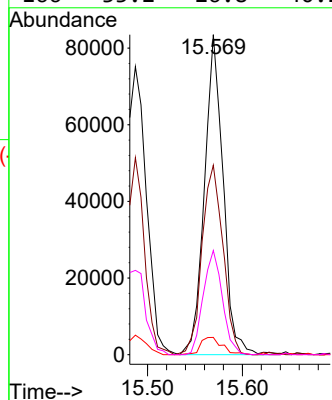
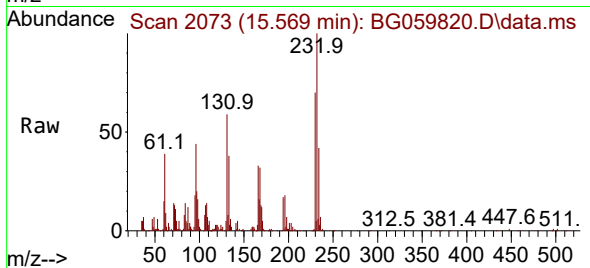
SSTDCCC040

Tgt Ion:232 Resp: 114608  
Ion Ratio Lower Upper  
232 100  
131 65.9 50.2 75.2  
130 6.3 4.3 6.5  
166 33.2 26.8 40.2

Manual Integrations

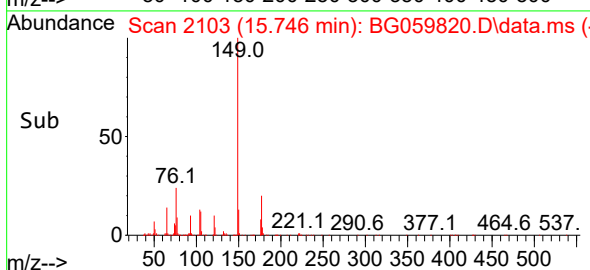
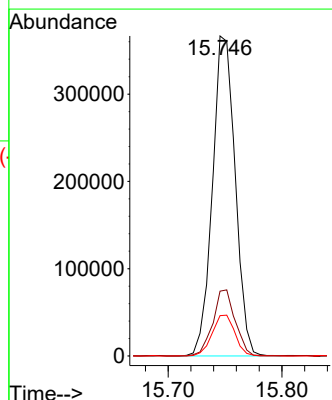
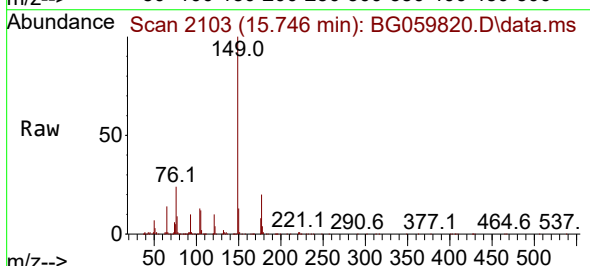
APPROVED

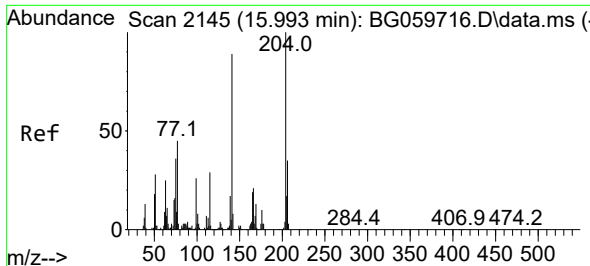
Reviewed By :Yogesh Patel 11/23/2023  
Supervised By :mohammad ahmed 11/25/2023



#60  
Diethylphthalate  
Concen: 46.266 ng  
RT: 15.746 min Scan# 2103  
Delta R.T. -0.013 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

Tgt Ion:149 Resp: 509886  
Ion Ratio Lower Upper  
149 100  
177 20.2 16.6 24.8  
150 12.6 10.7 16.1





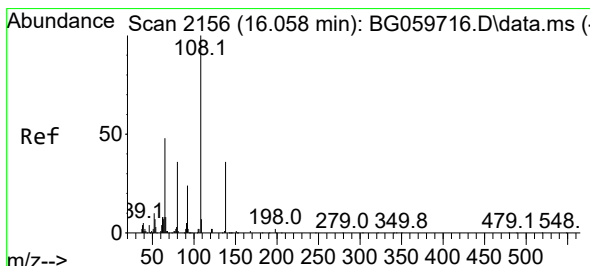
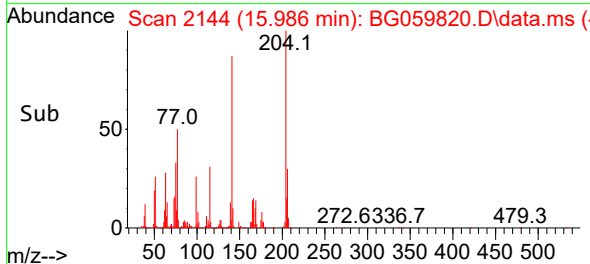
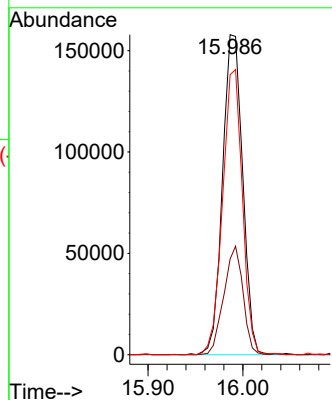
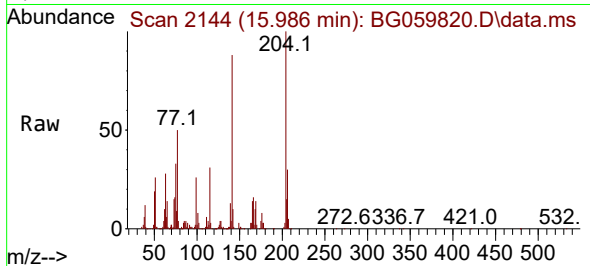
#61  
4-Chlorophenyl-phenylether  
Concen: 45.123 ng  
RT: 15.986 min Scan# 2144  
Delta R.T. -0.007 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:204 Resp: 233310  
Ion Ratio Lower Upper  
204 100  
206 29.9 28.1 42.1  
141 87.5 70.9 106.3

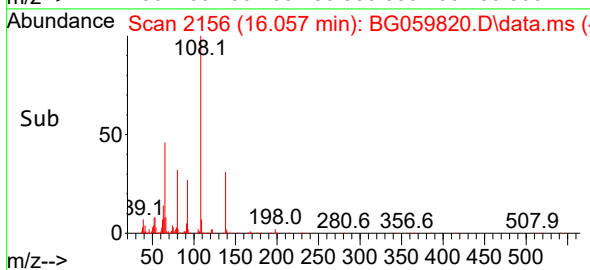
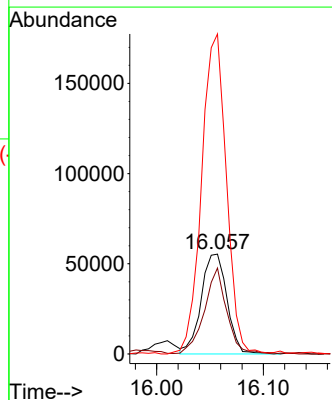
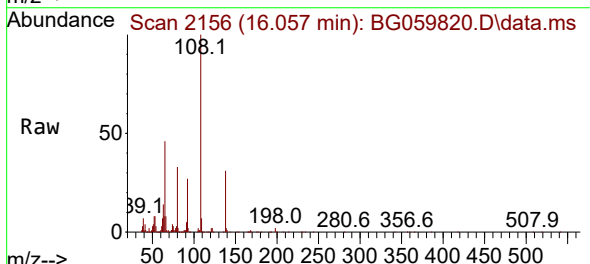
Manual Integrations  
APPROVED

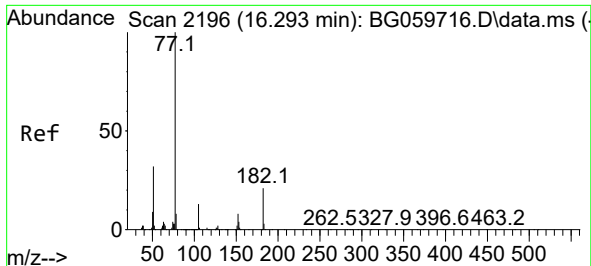
Reviewed By :Yogesh Patel 11/23/2023  
Supervised By :mohammad ahmed 11/25/2023



#62  
4-Nitroaniline  
Concen: 40.829 ng  
RT: 16.057 min Scan# 2156  
Delta R.T. -0.001 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

Tgt Ion:138 Resp: 93370  
Ion Ratio Lower Upper  
138 100  
92 85.9 45.8 85.8#  
108 320.3 256.3 296.3#





#63  
Azobenzene  
Concen: 44.303 ng  
RT: 16.286 min Scan# 2195  
Delta R.T. -0.007 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

Instrument :

BNA\_G

ClientSampleId :

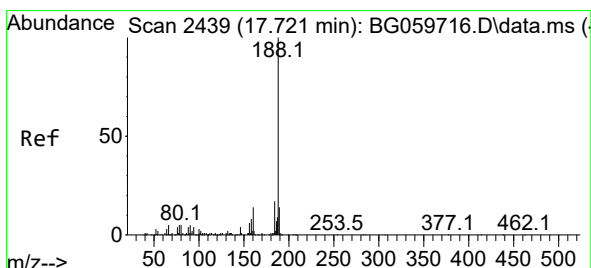
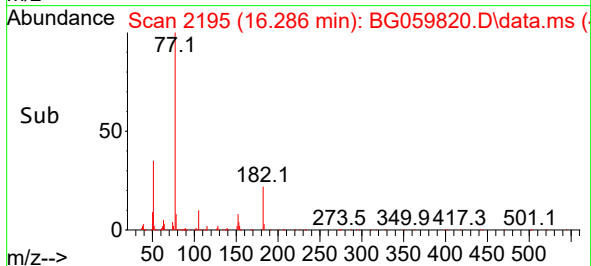
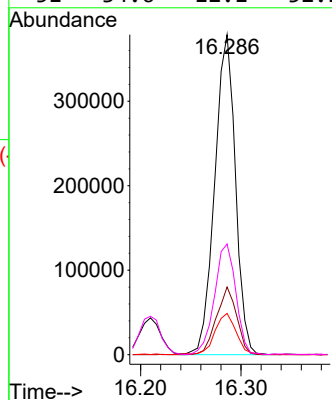
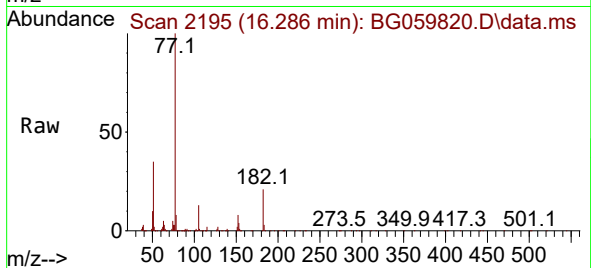
SSTDCCC040

|             |             |
|-------------|-------------|
| Tgt Ion: 77 | Resp: 54258 |
| Ion Ratio   | Lower Upper |
| 77 100      |             |
| 182 21.2    | 1.1 41.1    |
| 105 12.9    | 0.0 33.0    |
| 51 34.6     | 12.1 52.1   |

Manual Integrations

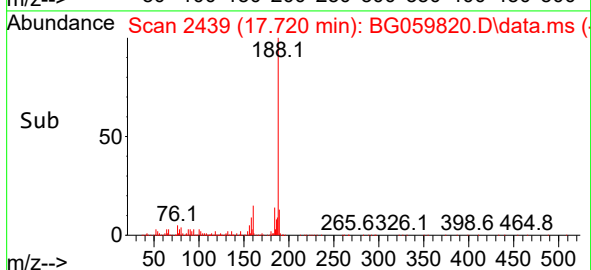
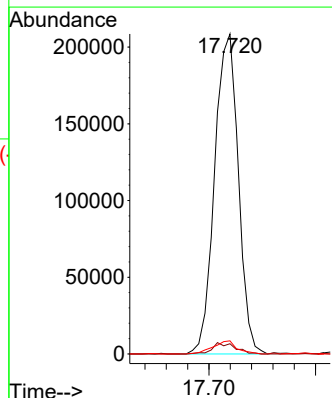
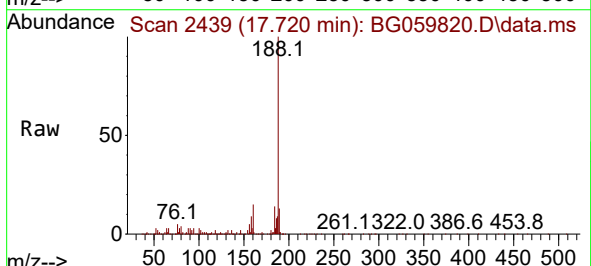
APPROVED

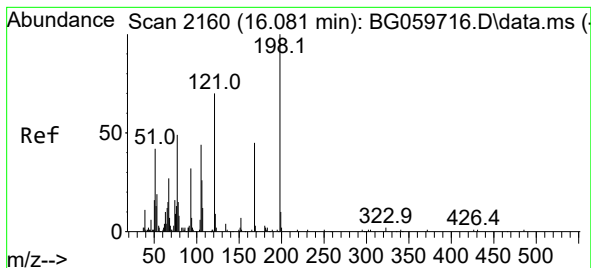
Reviewed By :Yogesh Patel 11/23/2023  
Supervised By :mohammad ahmed 11/25/2023



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.720 min Scan# 2439  
Delta R.T. -0.001 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

|             |              |
|-------------|--------------|
| Tgt Ion:188 | Resp: 321935 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 3.2      | 3.0 4.4      |
| 80 4.1      | 4.2 6.4      |





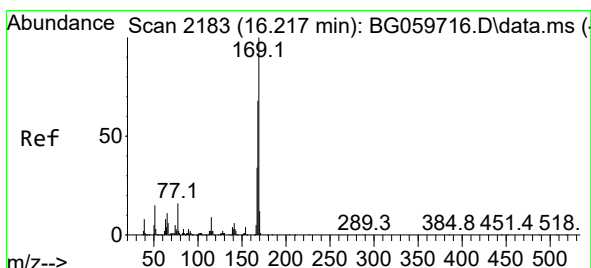
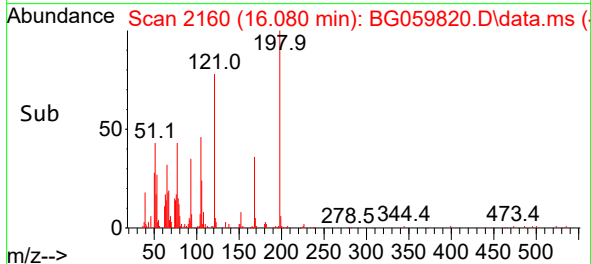
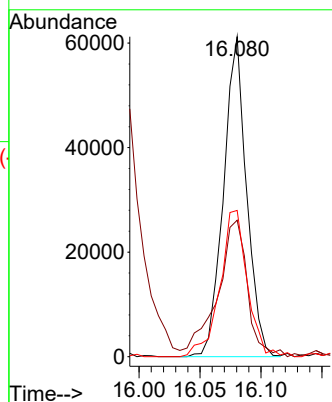
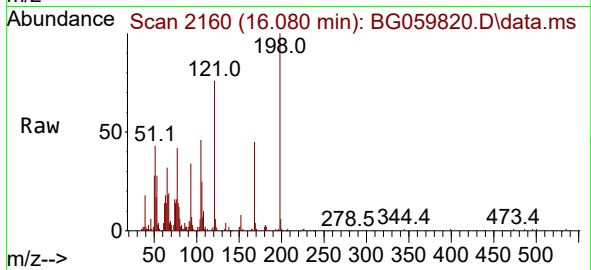
#65  
4,6-Dinitro-2-methylphenol  
Concen: 40.906 ng  
RT: 16.080 min Scan# 2160  
Delta R.T. -0.001 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:198 Resp: 80479  
Ion Ratio Lower Upper  
198 100  
51 42.6 23.0 63.0  
105 45.7 24.0 64.0

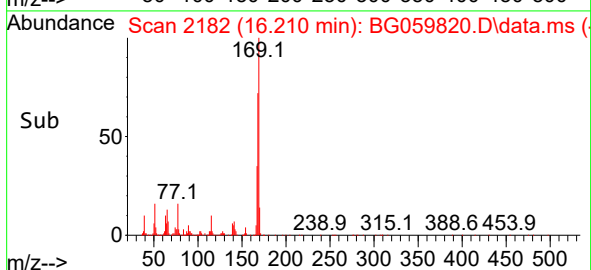
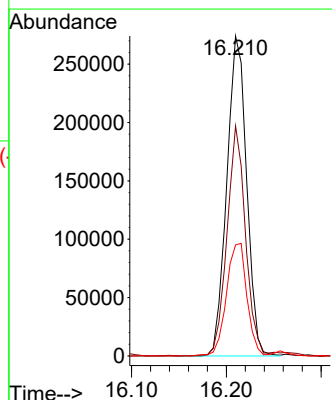
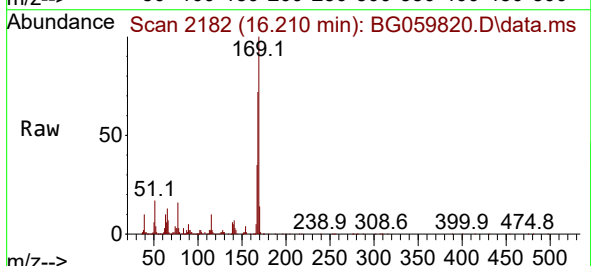
Manual Integrations  
APPROVED

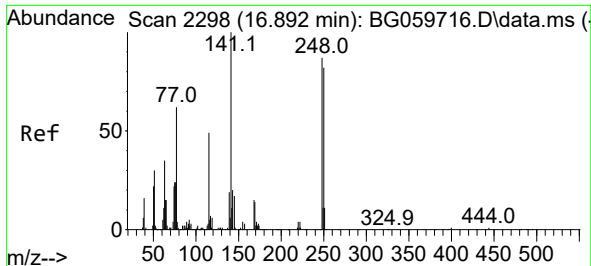
Reviewed By :Yogesh Patel 11/23/2023  
Supervised By :mohammad ahmed 11/25/2023



#66  
n-Nitrosodiphenylamine  
Concen: 42.341 ng  
RT: 16.210 min Scan# 2182  
Delta R.T. -0.007 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

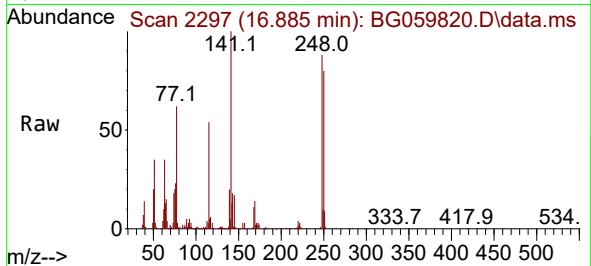
Tgt Ion:169 Resp: 398190  
Ion Ratio Lower Upper  
169 100  
168 71.9 54.5 81.7  
167 34.7 27.8 41.6





#67  
4-Bromophenyl-phenylether  
Concen: 44.375 ng  
RT: 16.885 min Scan# 21  
Delta R.T. -0.007 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

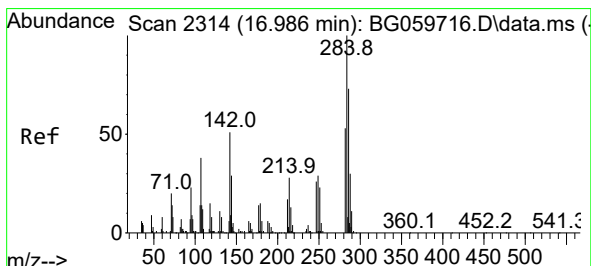
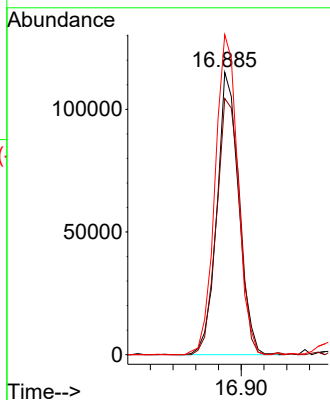
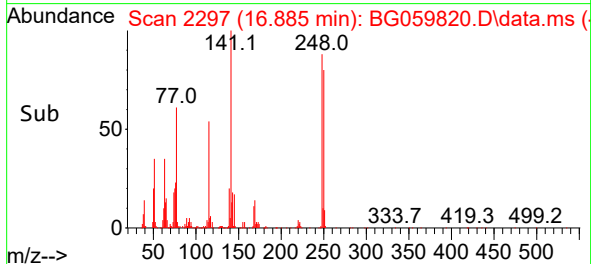
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



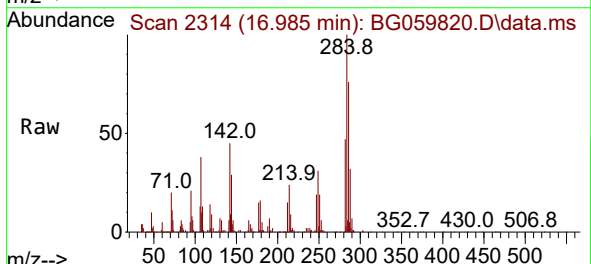
Tgt Ion:248 Resp: 153474  
Ion Ratio Lower Upper  
248 100  
250 90.7 75.2 112.8  
141 113.3 91.5 137.3

Manual Integrations  
APPROVED

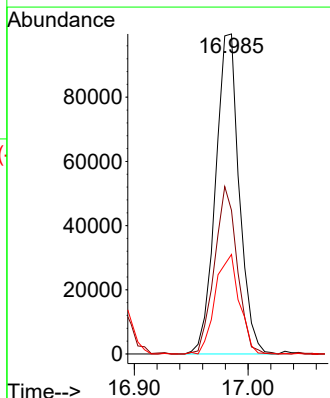
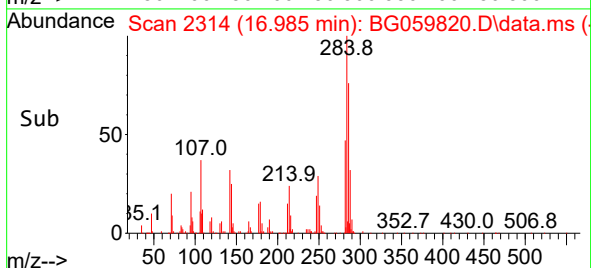
Reviewed By :Yogesh Patel 11/23/2023  
Supervised By :mohammad ahmed 11/25/2023

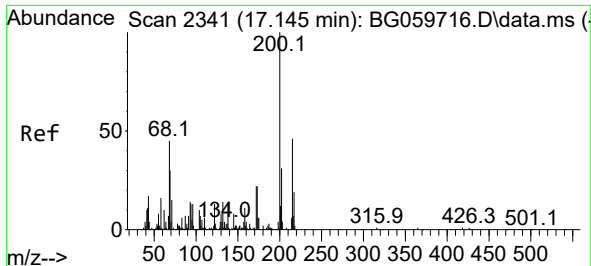


#68  
Hexachlorobenzene  
Concen: 44.747 ng  
RT: 16.985 min Scan# 2314  
Delta R.T. -0.001 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19



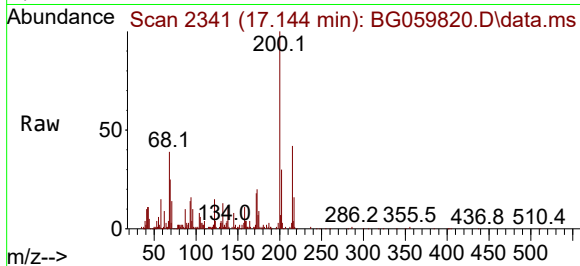
Tgt Ion:284 Resp: 144443  
Ion Ratio Lower Upper  
284 100  
142 44.9 41.0 61.6  
249 31.1 24.2 36.4





#69  
 Atrazine  
 Concen: 39.937 ng  
 RT: 17.144 min Scan# 21  
 Delta R.T. -0.001 min  
 Lab File: BG059820.D  
 Acq: 22 Nov 2023 16:19

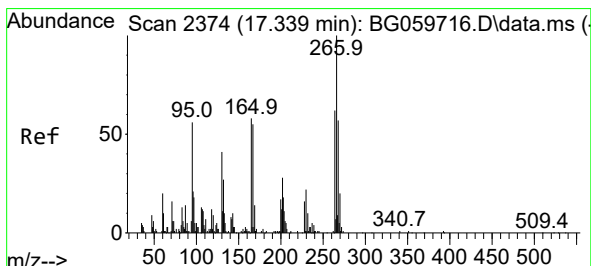
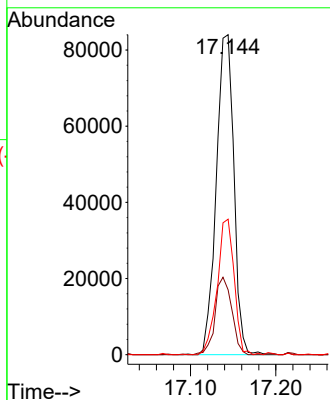
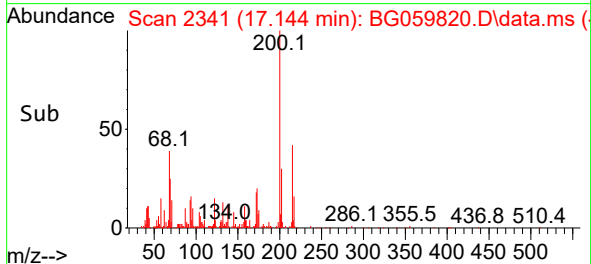
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040



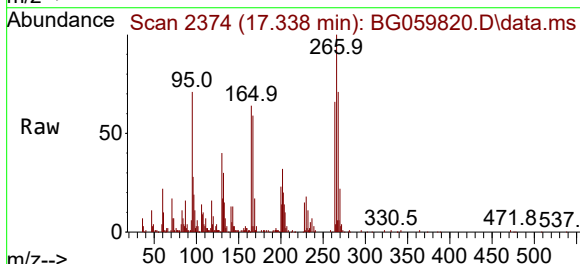
Tgt Ion:200 Resp: 120418  
 Ion Ratio Lower Upper  
 200 100  
 173 20.3 2.3 42.3  
 215 42.4 25.6 65.6

Manual Integrations  
 APPROVED

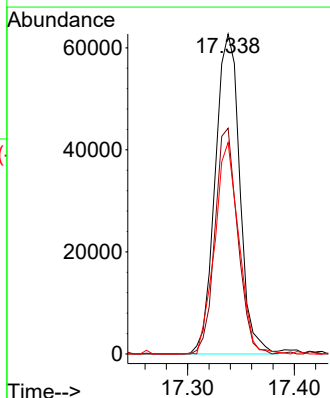
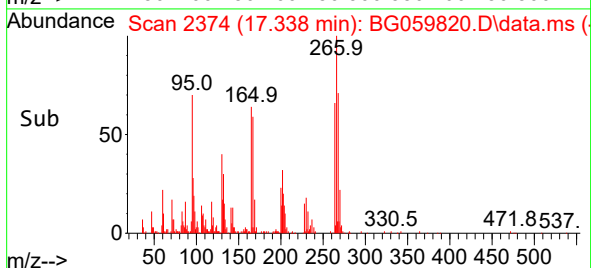
Reviewed By :Yogesh Patel 11/23/2023  
 Supervised By :mohammad ahmed 11/25/2023

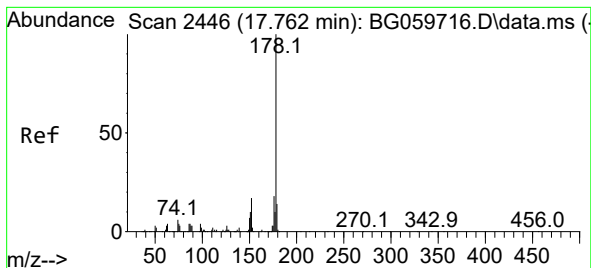


#70  
 Pentachlorophenol  
 Concen: 40.732 ng  
 RT: 17.338 min Scan# 2374  
 Delta R.T. -0.001 min  
 Lab File: BG059820.D  
 Acq: 22 Nov 2023 16:19



Tgt Ion:266 Resp: 100311  
 Ion Ratio Lower Upper  
 266 100  
 268 76.9 45.7 68.5#  
 264 69.8 49.8 74.8





#71

Phenanthrene

Concen: 42.959 ng

RT: 17.761 min Scan# 2446

Delta R.T. -0.001 min

Lab File: BG059820.D

Acq: 22 Nov 2023 16:19

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 703144

Ion Ratio Lower Upper

178 100

176 18.1 14.5 21.7

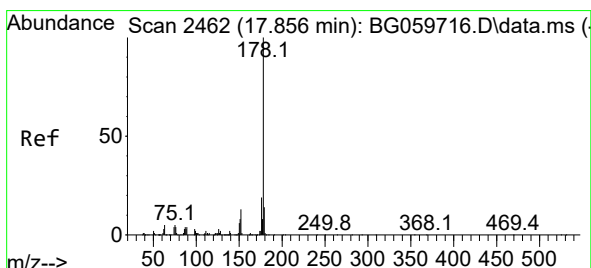
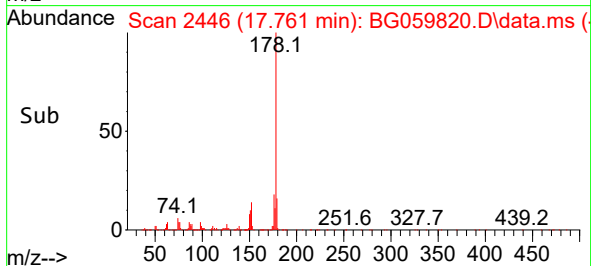
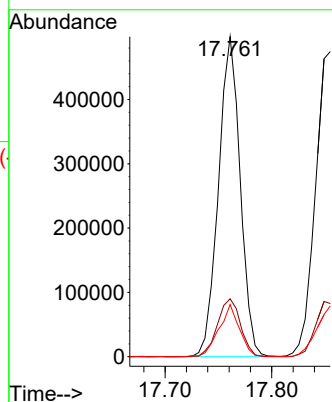
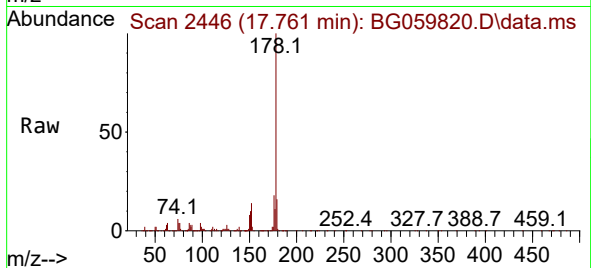
179 16.3 11.2 16.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/23/2023

Supervised By :mohammad ahmed 11/25/2023



#72

Anthracene

Concen: 41.296 ng

RT: 17.855 min Scan# 2462

Delta R.T. -0.001 min

Lab File: BG059820.D

Acq: 22 Nov 2023 16:19

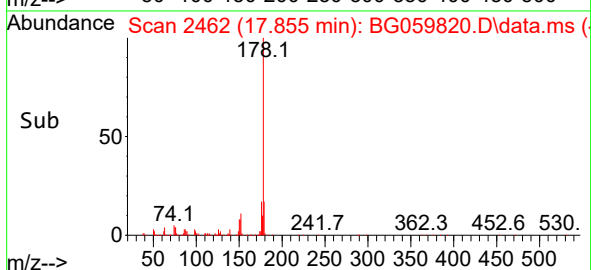
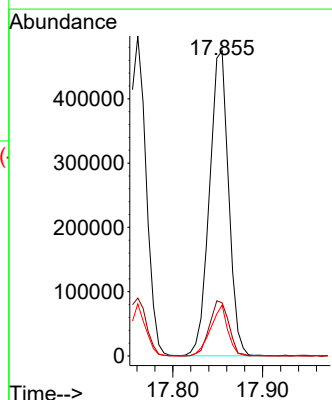
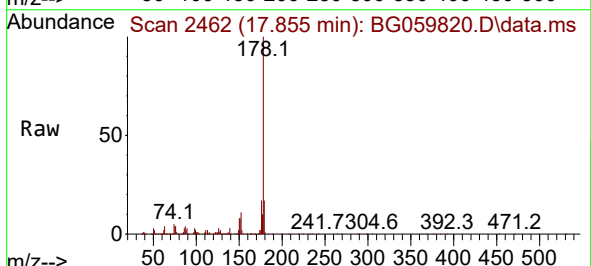
Tgt Ion:178 Resp: 702295

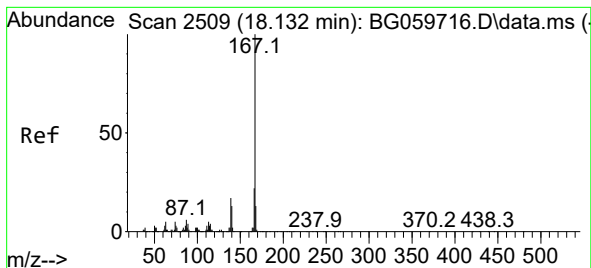
Ion Ratio Lower Upper

178 100

176 17.4 15.0 22.4

179 16.7 11.5 17.3





#73

Carbazole

Concen: 40.025 ng

RT: 18.125 min Scan# 2508

Delta R.T. -0.007 min

Lab File: BG059820.D

Acq: 22 Nov 2023 16:19

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

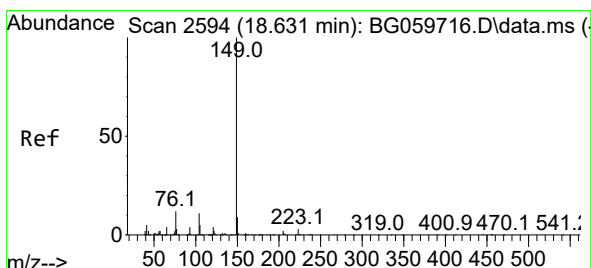
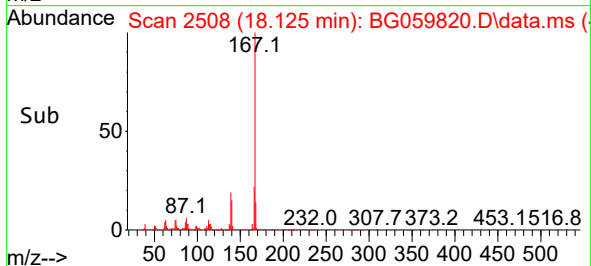
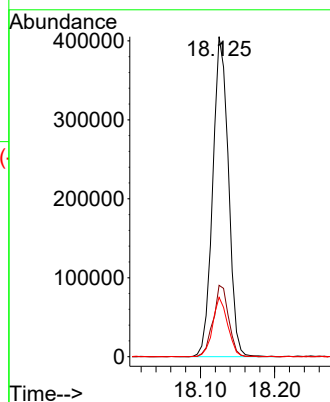
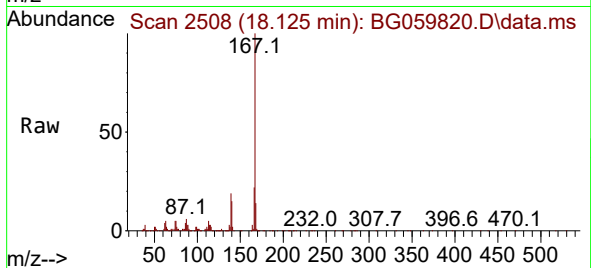
|             |             |
|-------------|-------------|
| Tgt Ion:167 | Resp: 59465 |
| Ion Ratio   | Lower Upper |
| 167 100     |             |
| 166 22.3    | 17.4 26.0   |
| 139 18.5    | 13.2 19.8   |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/23/2023

Supervised By :mohammad ahmed 11/25/2023



#74

Di-n-butylphthalate

Concen: 41.850 ng

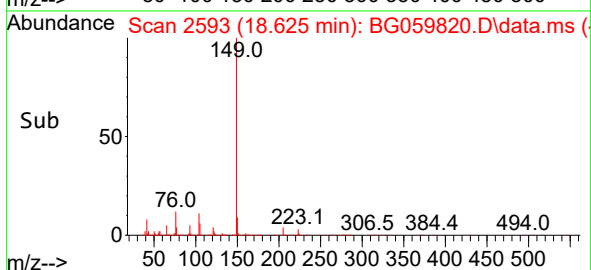
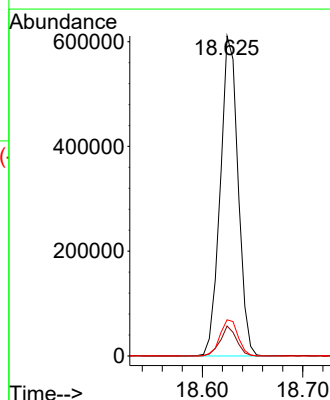
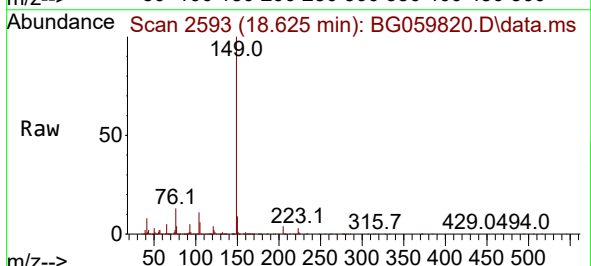
RT: 18.625 min Scan# 2593

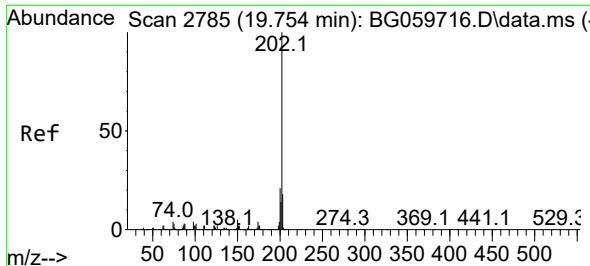
Delta R.T. -0.007 min

Lab File: BG059820.D

Acq: 22 Nov 2023 16:19

|             |              |
|-------------|--------------|
| Tgt Ion:149 | Resp: 751573 |
| Ion Ratio   | Lower Upper  |
| 149 100     |              |
| 150 9.4     | 7.5 11.3     |
| 104 11.3    | 8.6 12.8     |





#75  
Fluoranthene  
Concen: 39.299 ng  
RT: 19.753 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

Instrument :

BNA\_G

ClientSampleId :

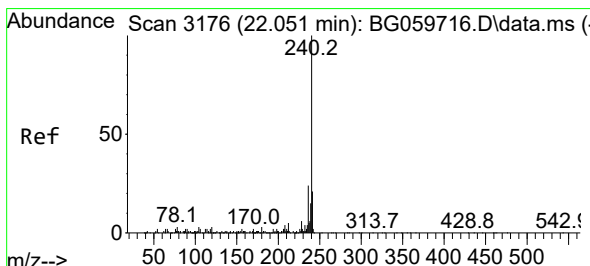
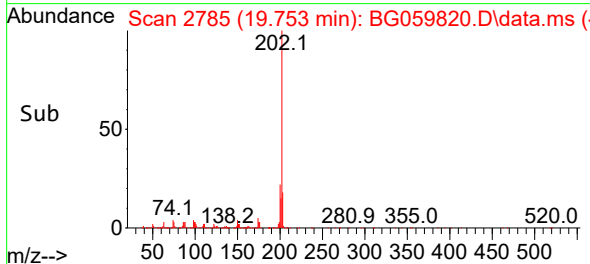
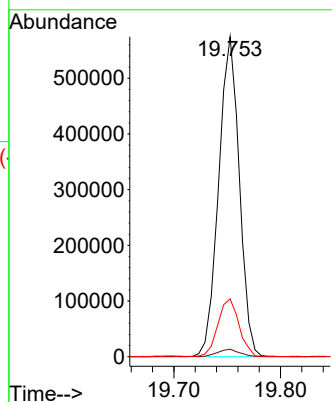
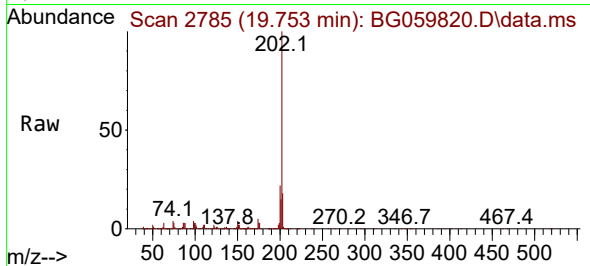
SSTDCCC040

Tgt Ion:202 Resp: 77140  
Ion Ratio Lower Upper  
202 100  
101 2.4 0.0 22.7  
203 18.1 0.0 38.2

Manual Integrations

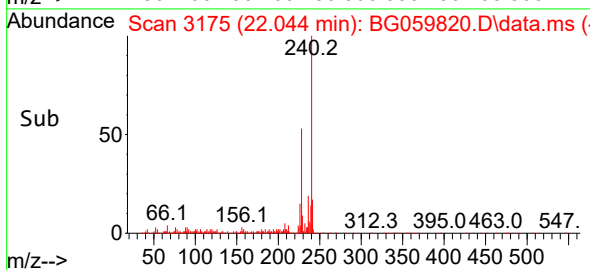
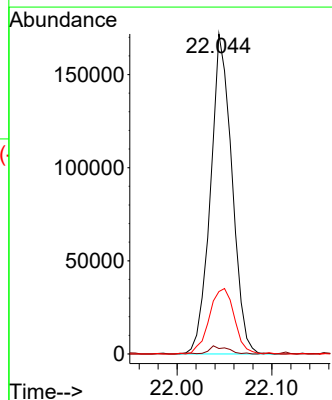
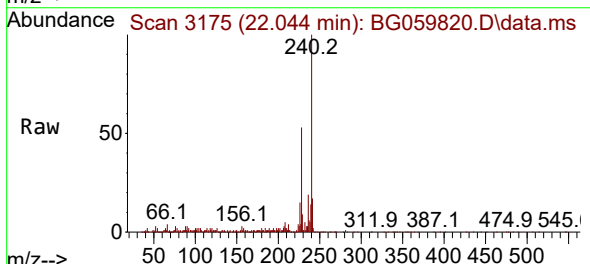
APPROVED

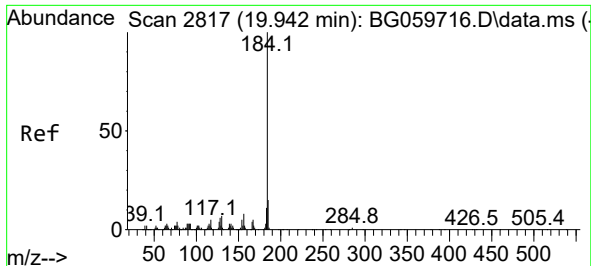
Reviewed By :Yogesh Patel 11/23/2023  
Supervised By :mohammad ahmed 11/25/2023



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 22.044 min Scan# 3175  
Delta R.T. -0.007 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

Tgt Ion:240 Resp: 269537  
Ion Ratio Lower Upper  
240 100  
120 1.7 2.2 3.2#  
236 19.5 19.4 29.2





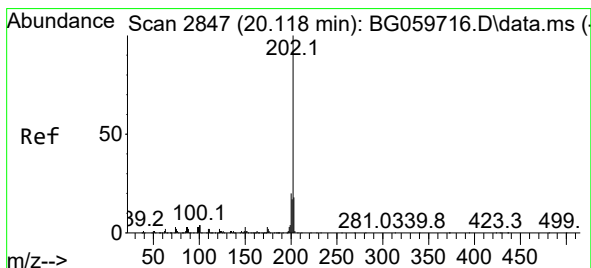
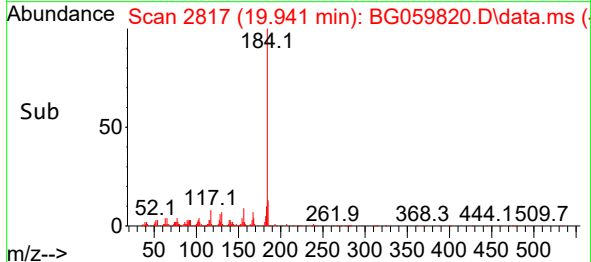
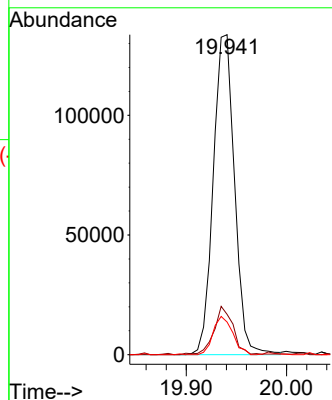
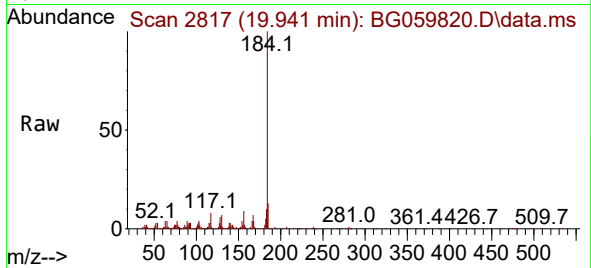
#77  
Benzidine  
Concen: 32.182 ng  
RT: 19.941 min Scan# 2817  
Delta R.T. -0.001 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:184 Resp: 196697  
Ion Ratio Lower Upper  
184 100  
185 12.6 12.2 18.2  
183 10.2 8.8 13.2

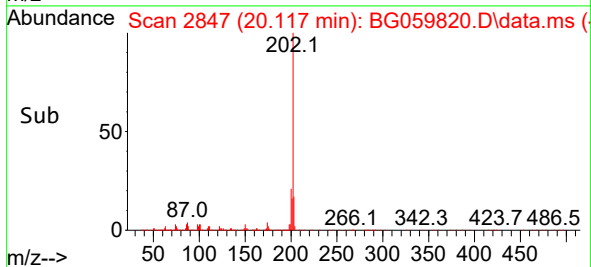
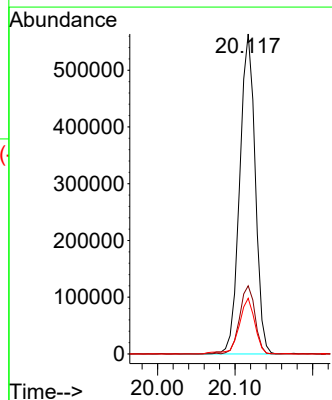
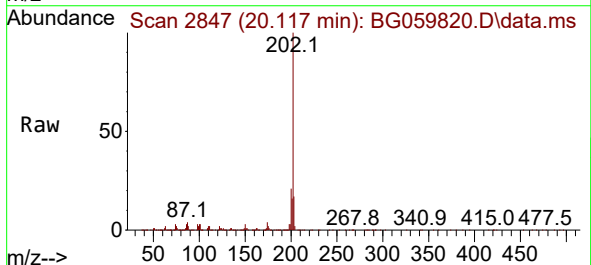
Manual Integrations  
APPROVED

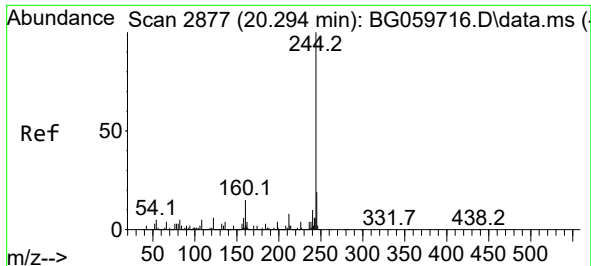
Reviewed By :Yogesh Patel 11/23/2023  
Supervised By :mohammad ahmed 11/25/2023



#78  
Pyrene  
Concen: 42.840 ng  
RT: 20.117 min Scan# 2847  
Delta R.T. -0.001 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

Tgt Ion:202 Resp: 785651  
Ion Ratio Lower Upper  
202 100  
200 21.3 16.2 24.4  
203 17.4 14.0 21.0





#79  
 Terphenyl-d14  
 Concen: 86.312 ng  
 RT: 20.293 min Scan# 21  
 Delta R.T. -0.001 min  
 Lab File: BG059820.D  
 Acq: 22 Nov 2023 16:19

Instrument :

BNA\_G

ClientSampleId :

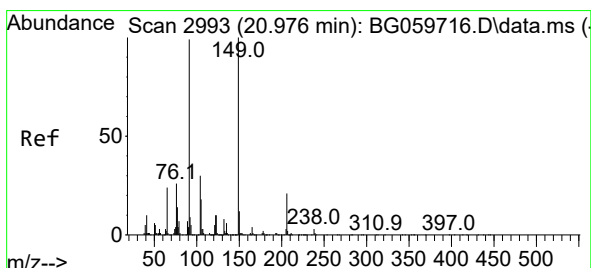
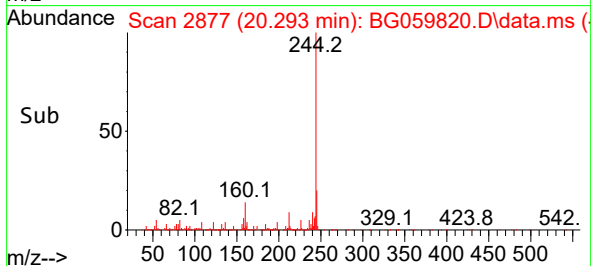
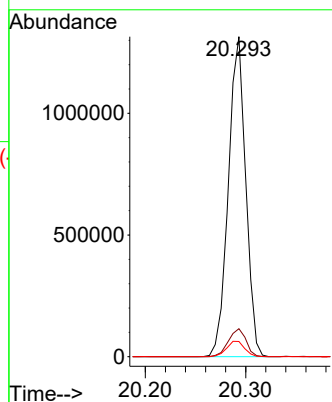
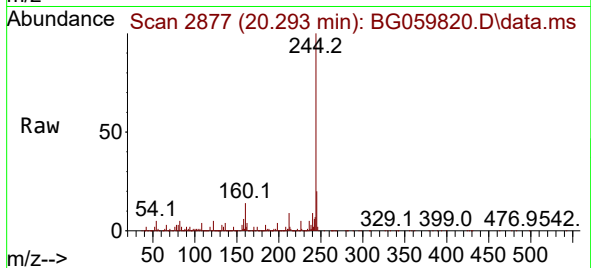
SSTDCCC040

Tgt Ion:244 Resp: 157589  
 Ion Ratio Lower Upper  
 244 100  
 212 8.7 6.6 10.0  
 122 4.7 4.4 6.6

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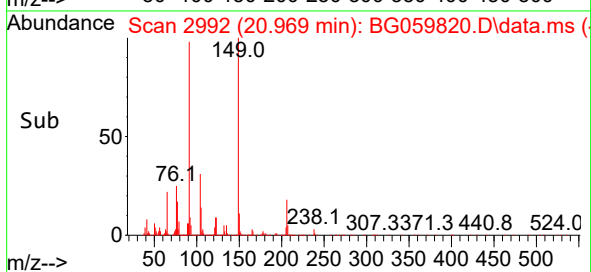
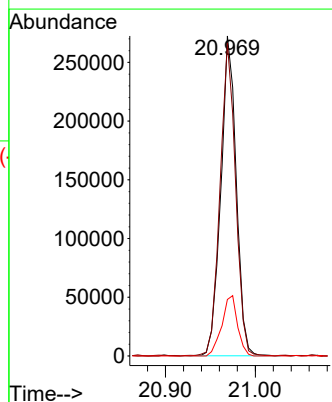
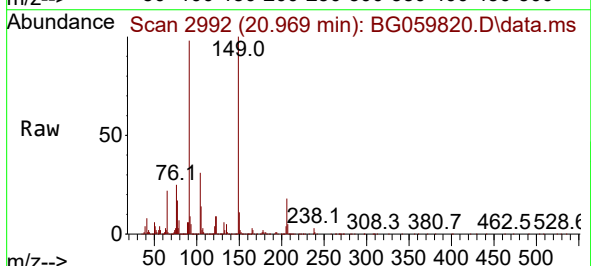
APPROVED

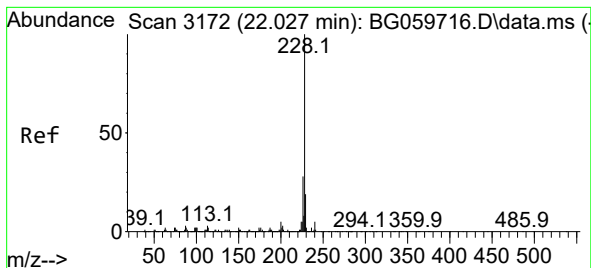
Reviewed By :Yogesh Patel 11/23/2023  
 Supervised By :mohammad ahmed 11/25/2023



#80  
 Butylbenzylphthalate  
 Concen: 43.137 ng  
 RT: 20.969 min Scan# 2992  
 Delta R.T. -0.007 min  
 Lab File: BG059820.D  
 Acq: 22 Nov 2023 16:19

Tgt Ion:149 Resp: 324387  
 Ion Ratio Lower Upper  
 149 100  
 91 97.9 79.6 119.4  
 206 17.7 16.9 25.3





#81

Benzo(a)anthracene

Concen: 40.957 ng

RT: 22.026 min Scan# 3172

Delta R.T. -0.001 min

Lab File: BG059820.D

Acq: 22 Nov 2023 16:19

Instrument :

BNA\_G

ClientSampleId :

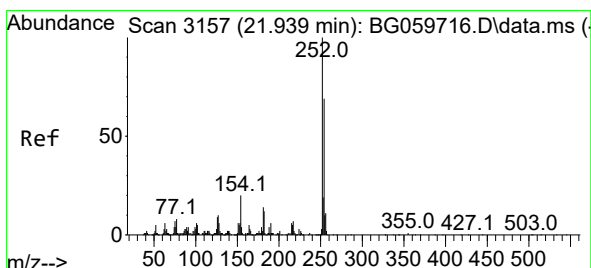
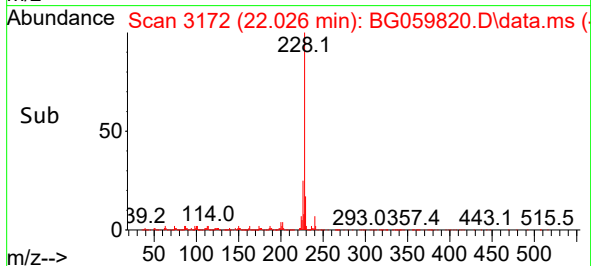
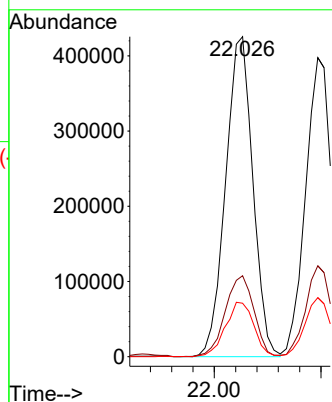
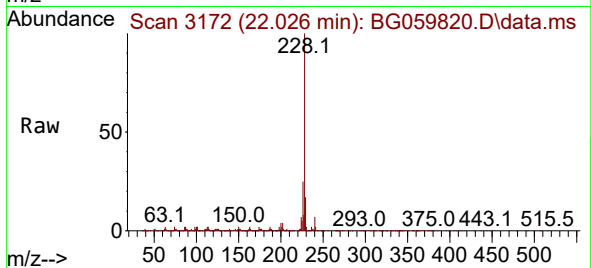
SSTDCCC040

Tgt Ion:228 Resp: 75534  
 Ion Ratio Lower Upper  
 228 100  
 226 25.3 22.1 33.1  
 229 16.7 14.9 22.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/23/2023  
 Supervised By :mohammad ahmed 11/25/2023



#82

3,3'-Dichlorobenzidine

Concen: 40.564 ng

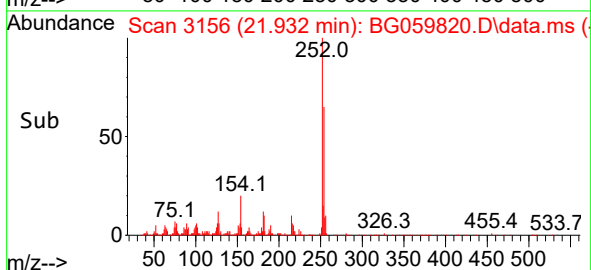
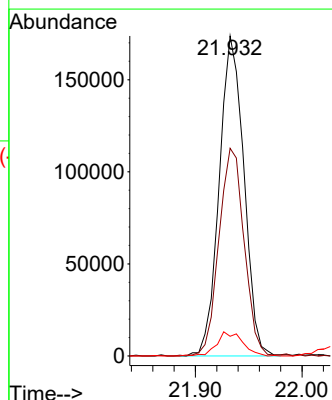
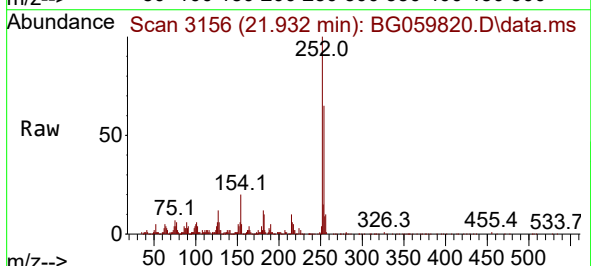
RT: 21.932 min Scan# 3156

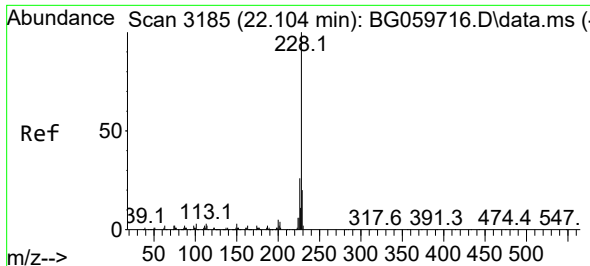
Delta R.T. -0.007 min

Lab File: BG059820.D

Acq: 22 Nov 2023 16:19

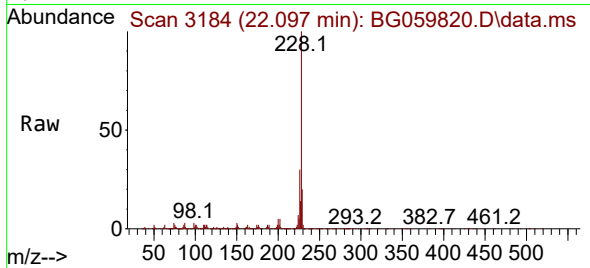
Tgt Ion:252 Resp: 278708  
 Ion Ratio Lower Upper  
 252 100  
 254 64.9 55.2 82.8  
 126 6.2 7.0 10.6





#83  
Chrysene  
Concen: 40.178 ng  
RT: 22.097 min Scan# 3184  
Delta R.T. -0.007 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

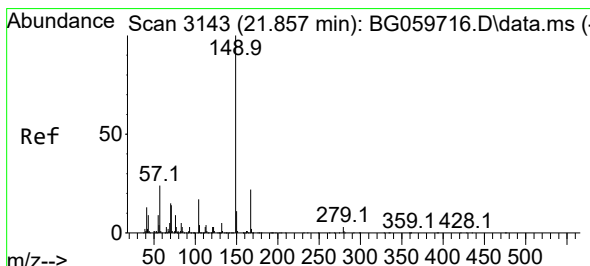
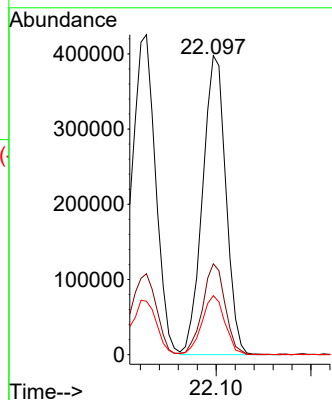
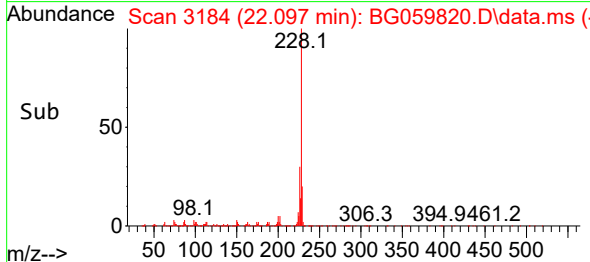
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:228 Resp: 67925  
Ion Ratio Lower Upper  
228 100  
226 30.4 21.1 31.7  
229 19.8 16.2 24.4

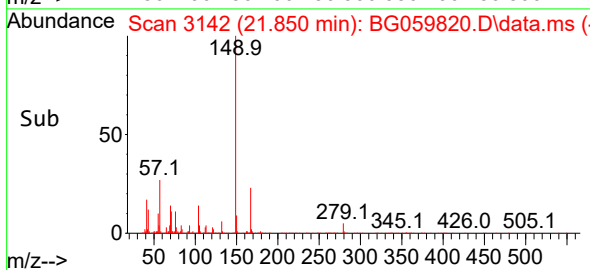
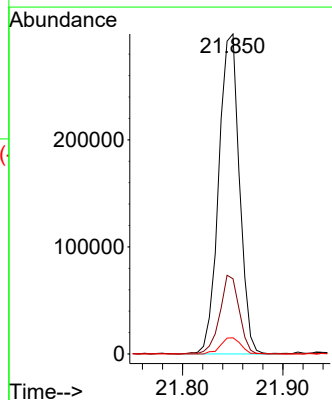
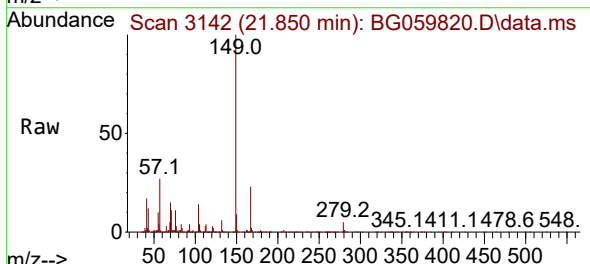
Manual Integrations  
APPROVED

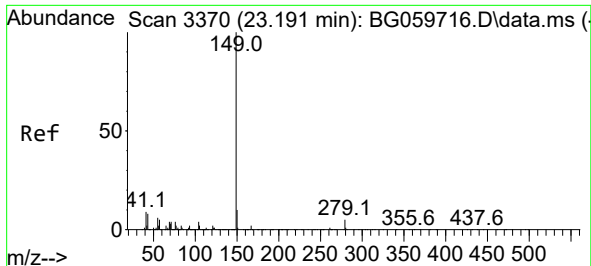
Reviewed By :Yogesh Patel 11/23/2023  
Supervised By :mohammad ahmed 11/25/2023



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 40.654 ng  
RT: 21.850 min Scan# 3142  
Delta R.T. -0.007 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

Tgt Ion:149 Resp: 427363  
Ion Ratio Lower Upper  
149 100  
167 23.5 17.6 26.4  
279 5.1 2.7 4.1#





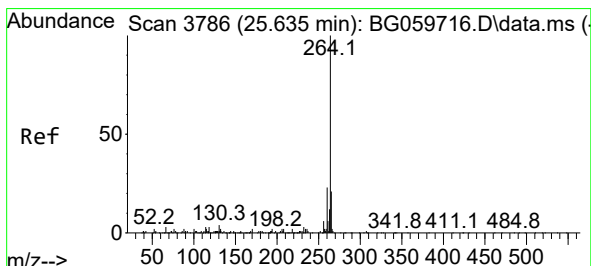
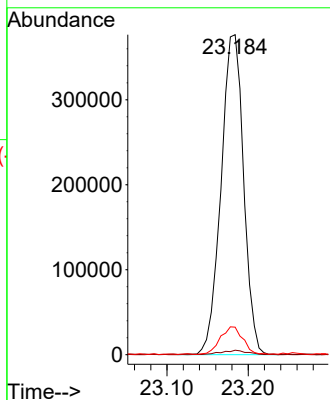
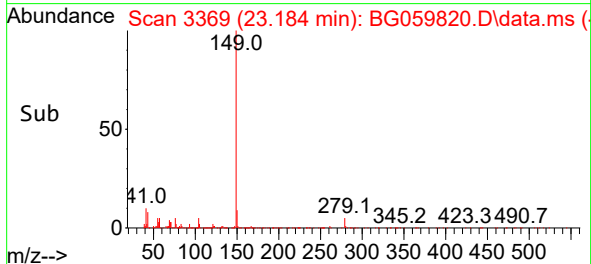
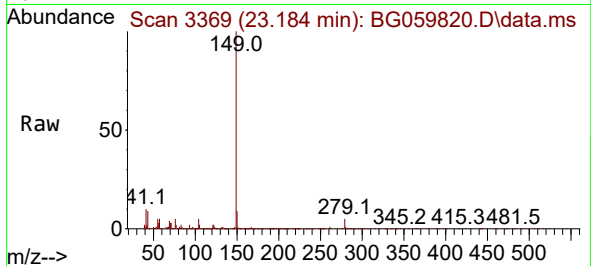
#85  
Di-n-octyl phthalate  
Concen: 35.880 ng  
RT: 23.184 min Scan# 31  
Delta R.T. -0.007 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:149 Resp: 72610  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 8.6 6.3 9.5

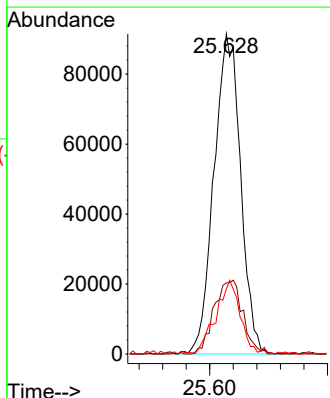
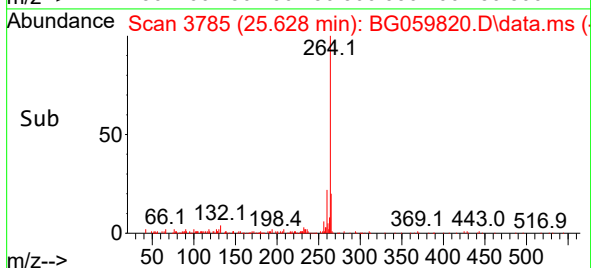
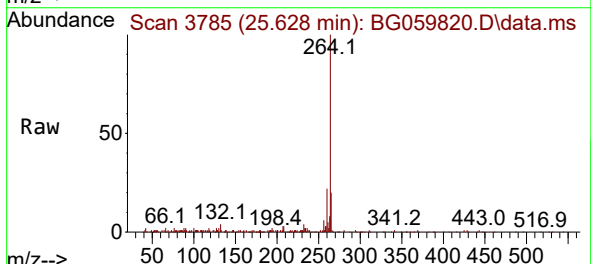
Manual Integrations  
APPROVED

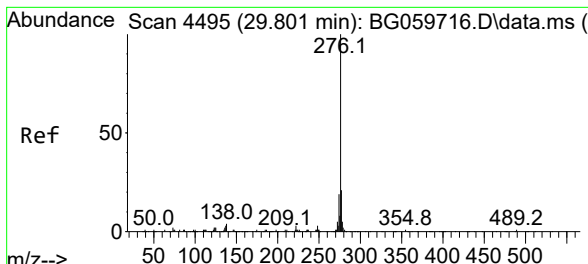
Reviewed By :Yogesh Patel 11/23/2023  
Supervised By :mohammad ahmed 11/25/2023



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.628 min Scan# 3785  
Delta R.T. -0.007 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

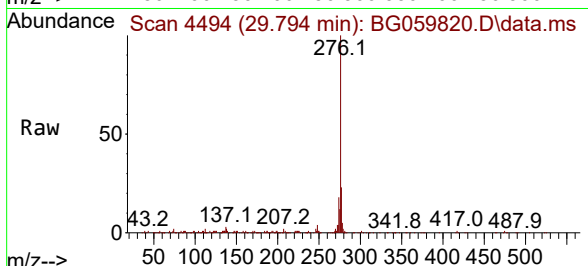
Tgt Ion:264 Resp: 287182  
Ion Ratio Lower Upper  
264 100  
260 22.2 18.5 27.7  
265 20.3 17.0 25.6





#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 40.800 ng m  
 RT: 29.794 min Scan# 4495  
 Delta R.T. -0.007 min  
 Lab File: BG059820.D  
 Acq: 22 Nov 2023 16:19

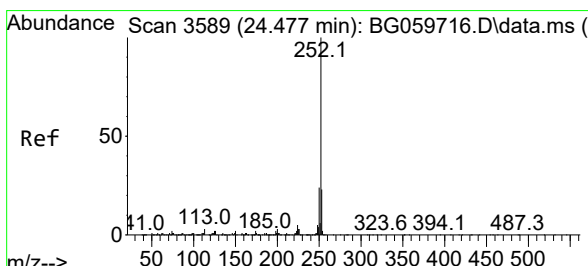
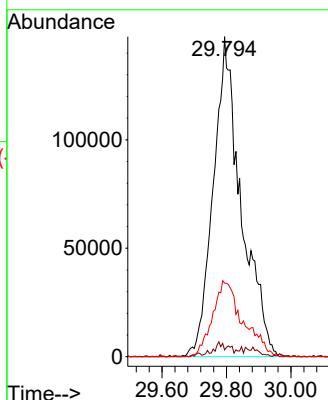
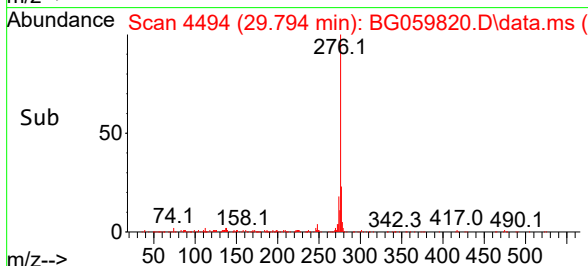
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040



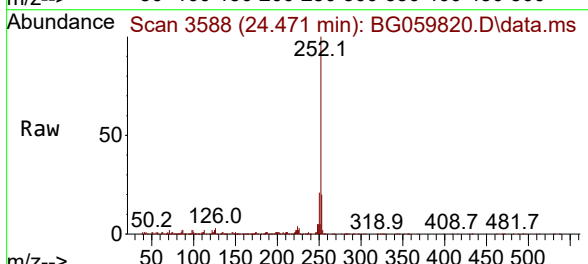
Tgt Ion:276 Resp: 886588  
 Ion Ratio Lower Upper  
 276 100  
 138 0.3 1.8 2.6  
 277 25.8 9.8 14.6

Manual Integrations  
 APPROVED

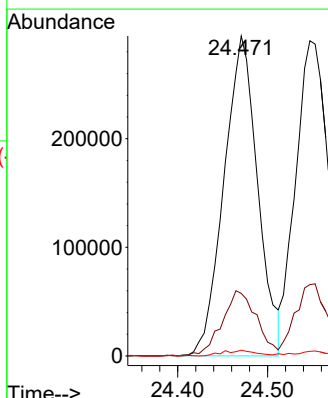
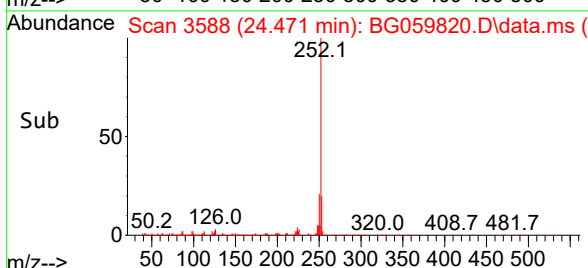
Reviewed By :Yogesh Patel 11/23/2023  
 Supervised By :mohammad ahmed 11/25/2023

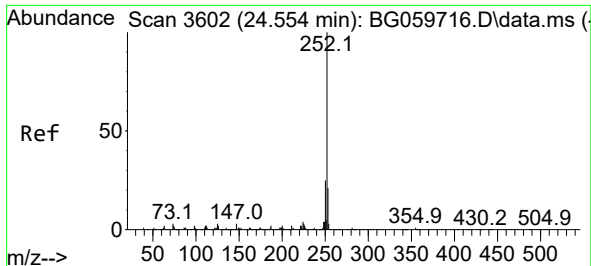


#88  
 Benzo(b)fluoranthene  
 Concen: 48.781 ng  
 RT: 24.471 min Scan# 3588  
 Delta R.T. -0.007 min  
 Lab File: BG059820.D  
 Acq: 22 Nov 2023 16:19



Tgt Ion:252 Resp: 767826  
 Ion Ratio Lower Upper  
 252 100  
 253 19.6 18.3 27.5  
 125 1.8 1.4 2.0





#89  
Benzo(k)fluoranthene  
Concen: 47.256 ng  
RT: 24.547 min Scan# 30  
Delta R.T. -0.007 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

Instrument :

BNA\_G

ClientSampleId :

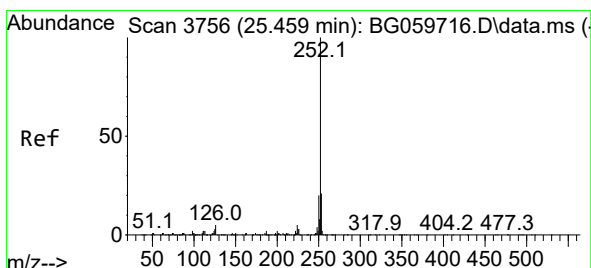
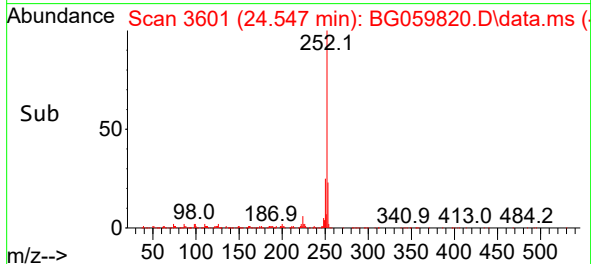
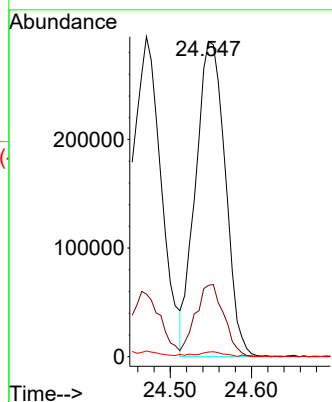
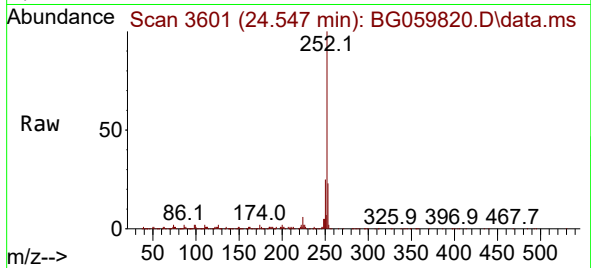
SSTDCCC040

Tgt Ion:252 Resp: 735360  
Ion Ratio Lower Upper  
252 100  
253 22.7 17.1 25.7  
125 1.5 2.2 3.2

Manual Integrations

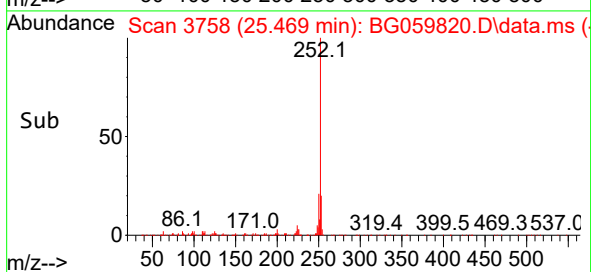
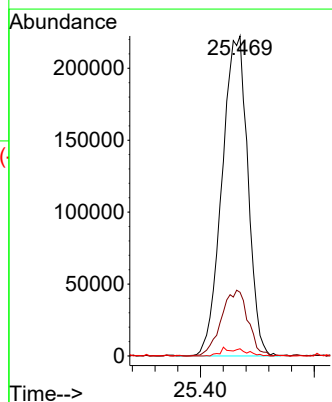
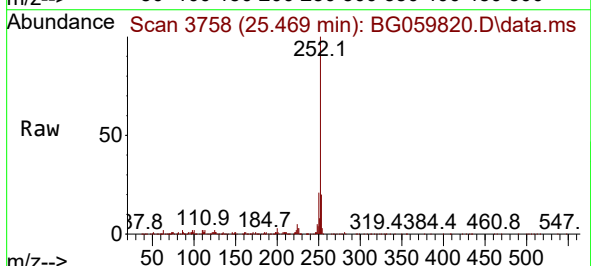
APPROVED

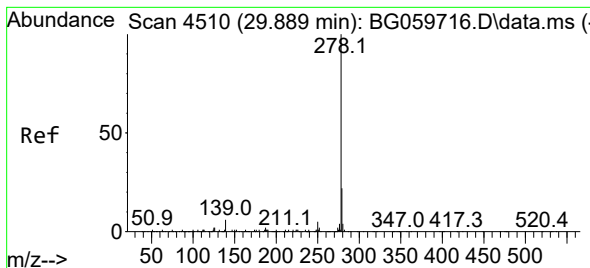
Reviewed By :Yogesh Patel 11/23/2023  
Supervised By :mohammad ahmed 11/25/2023



#90  
Benzo(a)pyrene  
Concen: 41.676 ng  
RT: 25.469 min Scan# 3758  
Delta R.T. 0.011 min  
Lab File: BG059820.D  
Acq: 22 Nov 2023 16:19

Tgt Ion:252 Resp: 700102  
Ion Ratio Lower Upper  
252 100  
253 19.9 16.8 25.2  
125 2.2 2.0 3.0





#91

Dibenzo(a,h)anthracene

Concen: 41.948 ng

RT: 29.882 min Scan# 4510

Delta R.T. -0.007 min

Lab File: BG059820.D

Acq: 22 Nov 2023 16:19

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 771200

Ion Ratio Lower Upper

278 100

139 2.9 4.6 7.0

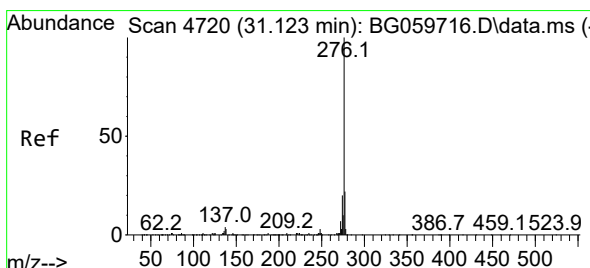
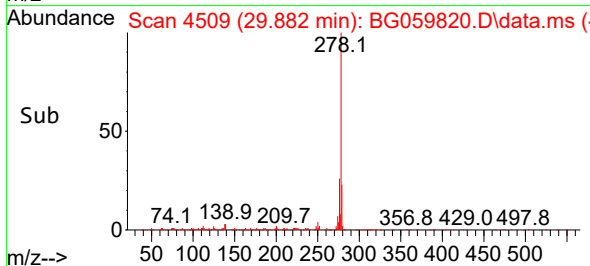
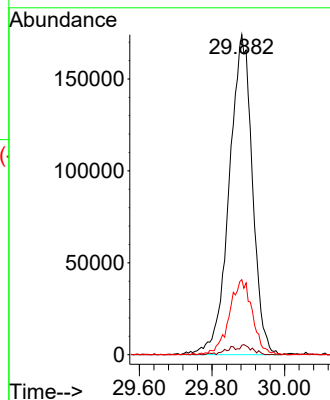
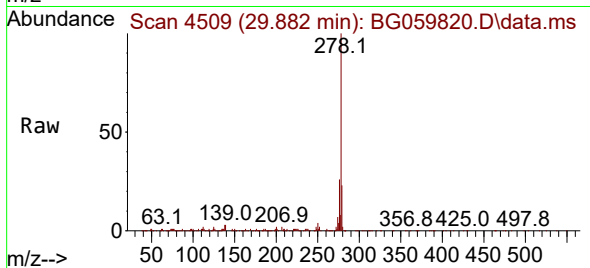
279 23.4 17.4 26.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/23/2023

Supervised By :mohammad ahmed 11/25/2023



#92

Benzo(g,h,i)perylene

Concen: 39.067 ng

RT: 31.128 min Scan# 4721

Delta R.T. 0.005 min

Lab File: BG059820.D

Acq: 22 Nov 2023 16:19

Tgt Ion:276 Resp: 681498

Ion Ratio Lower Upper

276 100

277 22.0 17.3 25.9

138 3.0 2.6 4.0

