

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120423\  
 Data File : BG059942.D  
 Acq On : 4 Dec 2023 22:06  
 Operator : MA/JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDICC080

## Manual Integrations

## APPROVED

Reviewed By :Yogesh Patel 12/05/2023

Supervised By :mohammad ahmed 12/06/2023

Quant Time: Dec 05 01:47:36 2023

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.959  | 152  | 73412    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.768 | 136  | 279352   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.598 | 164  | 271690   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.348 | 188  | 910089   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.625 | 240  | 1384777  | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 24.822 | 264  | 1533258  | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.527  | 112  | 541650   | 163.757 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.119  | 99   | 940435   | 185.420 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.128  | 82   | 1207990  | 149.733 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.091 | 330  | 1367007  | 140.854 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.229 | 172  | 3754125  | 142.810 | ng    | 0.00     |
| 79) Terphenyl-d14             | 0.000  | 244  | 0d       | 0.000   | ng    |          |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.435  | 88   | 80804    | 72.986  | ng    | 98       |
| 3) Pyridine                   | 3.829  | 79   | 286878m  | 89.411  | ng    |          |
| 4) n-Nitrosodimethylamine     | 3.746  | 42   | 139248   | 61.951  | ng    | # 90     |
| 6) Aniline                    | 7.289  | 93   | 503629   | 92.453  | ng    | 99       |
| 8) 2-Chlorophenol             | 7.524  | 128  | 295419   | 88.753  | ng    | 99       |
| 10) Phenol                    | 7.148  | 94   | 464629   | 91.596  | ng    | 95       |
| 11) bis(2-Chloroethyl)ether   | 7.383  | 93   | 322999   | 101.563 | ng    | 92       |
| 12) 1,3-Dichlorobenzene       | 7.848  | 146  | 423546   | 80.627  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 8.000  | 146  | 424322   | 79.610  | ng    | 93       |
| 14) 1,2-Dichlorobenzene       | 8.318  | 146  | 417286   | 77.019  | ng    | 97       |
| 15) Benzyl Alcohol            | 8.200  | 79   | 449454   | 76.752  | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.494  | 45   | 169503   | 141.809 | ng    | 93       |
| 17) 2-Methylphenol            | 8.394  | 107  | 305612   | 84.159  | ng    | 94       |
| 18) Hexachloroethane          | 9.046  | 117  | 160116   | 70.276  | ng    | # 82     |
| 19) n-Nitroso-di-n-propyla... | 8.782  | 70   | 351310   | 85.563  | ng    | # 95     |
| 20) 3+4-Methylphenols         | 8.729  | 107  | 441918   | 84.506  | ng    | 98       |
| 22) Acetophenone              | 8.788  | 105  | 686532   | 76.478  | ng    | # 99     |
| 24) Nitrobenzene              | 9.169  | 77   | 611845   | 78.002  | ng    | 91       |
| 25) Isophorone                | 9.698  | 82   | 983371   | 79.950  | ng    | 99       |
| 26) 2-Nitrophenol             | 9.875  | 139  | 201642   | 80.797  | ng    | # 88     |
| 27) 2,4-Dimethylphenol        | 9.933  | 122  | 238295   | 78.931  | ng    | 93       |
| 28) bis(2-Chloroethoxy)met... | 10.180 | 93   | 478783   | 93.427  | ng    | 96       |
| 29) 2,4-Dichlorophenol        | 10.409 | 162  | 542286   | 75.110  | ng    | 94       |
| 30) 1,2,4-Trichlorobenzene    | 10.632 | 180  | 790430   | 72.220  | ng    | # 96     |
| 31) Naphthalene               | 10.820 | 128  | 1120717  | 79.668  | ng    | 97       |
| 32) Benzoic acid              | 10.104 | 122  | 276962m  | 96.470  | ng    |          |
| 33) 4-Chloroaniline           | 10.926 | 127  | 419713   | 79.547  | ng    | 96       |
| 34) Hexachlorobutadiene       | 11.108 | 225  | 831686   | 64.366  | ng    | 97       |
| 35) Caprolactam               | 11.719 | 113  | 106528m  | 82.313  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 12.043 | 107  | 464795   | 73.753  | ng    | 91       |
| 37) 2-Methylnaphthalene       | 12.425 | 142  | 914331   | 68.102  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.648 | 142  | 885085m  | 68.480  | ng    |          |
| 40) 1,2,4,5-Tetrachloroben... | 12.789 | 216  | 1489684  | 77.168  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.777 | 237  | 699655   | 73.554  | ng    | 91       |
| 43) 2,4,6-Trichlorophenol     | 13.030 | 196  | 758865   | 75.885  | ng    | 98       |
| 44) 2,4,5-Trichlorophenol     | 13.100 | 196  | 861762   | 77.000  | ng    | 91       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG120423\  
 Data File : BG059942.D  
 Acq On : 4 Dec 2023 22:06  
 Operator : MA/JU  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

SSTDICC080

## Manual Integrations

## APPROVED

Reviewed By :Yogesh Patel 12/05/2023

Supervised By :mohammad ahmed 12/06/2023

Quant Time: Dec 05 01:47:36 2023

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

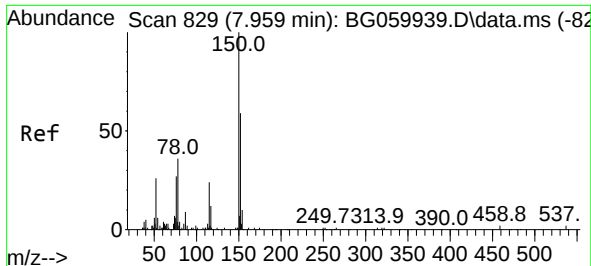
QLast Update : Tue Dec 05 01:36:25 2023

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 46) 1,1'-Biphenyl             | 13.435 | 154  | 1548011  | 79.590 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.482 | 162  | 1382247  | 79.533 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.682 | 65   | 279418   | 80.845 | ng    | 96       |
| 49) Acenaphthylene            | 14.322 | 152  | 1825049  | 81.065 | ng    | 99       |
| 50) Dimethylphthalate         | 14.064 | 163  | 1807952  | 77.185 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.175 | 165  | 405686   | 81.067 | ng    | 94       |
| 52) Acenaphthene              | 14.669 | 154  | 1350699m | 80.035 | ng    |          |
| 53) 3-Nitroaniline            | 14.504 | 138  | 249215   | 83.222 | ng    | 87       |
| 54) 2,4-Dinitrophenol         | 14.704 | 184  | 374651   | 89.148 | ng    | 91       |
| 55) Dibenzofuran              | 15.004 | 168  | 2219555  | 74.743 | ng    | 100      |
| 56) 4-Nitrophenol             | 14.804 | 139  | 211204   | 90.008 | ng    | 91       |
| 57) 2,4-Dinitrotoluene        | 14.963 | 165  | 569834   | 76.731 | ng    | # 98     |
| 58) Fluorene                  | 15.650 | 166  | 1917354  | 73.348 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.221 | 232  | 1009639  | 75.285 | ng    | 99       |
| 60) Diethylphthalate          | 15.427 | 149  | 1589520  | 79.450 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.644 | 204  | 1734428  | 74.862 | ng    | 96       |
| 62) 4-Nitroaniline            | 15.674 | 138  | 263334   | 76.786 | ng    | # 86     |
| 63) Azobenzene                | 15.938 | 77   | 1555616  | 76.053 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 15.727 | 198  | 546015   | 78.557 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 15.862 | 169  | 1664360  | 84.215 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.537 | 248  | 1276588  | 73.506 | ng    | 97       |
| 68) Hexachlorobenzene         | 16.655 | 284  | 1438203  | 74.555 | ng    | 99       |
| 69) Atrazine                  | 16.808 | 200  | 701158   | 66.124 | ng    | 97       |
| 70) Pentachlorophenol         | 16.996 | 266  | 992406   | 76.042 | ng    | 96       |
| 71) Phenanthrene              | 17.395 | 178  | 3292297  | 77.166 | ng    | 99       |
| 72) Anthracene                | 17.483 | 178  | 3326356  | 76.557 | ng    | 97       |
| 73) Carbazole                 | 17.754 | 167  | 2562507  | 80.160 | ng    | 96       |
| 74) Di-n-butylphthalate       | 18.323 | 149  | 2258301  | 84.716 | ng    | 98       |
| 75) Fluoranthene              | 19.410 | 202  | 4810541  | 66.366 | ng    | 91       |
| 77) Benzidine                 | 19.587 | 184  | 766413   | 53.985 | ng    | # 95     |
| 78) Pyrene                    | 19.769 | 202  | 4930672  | 65.872 | ng    | # 85     |
| 80) Butylbenzylphthalate      | 20.668 | 149  | 782253   | 77.593 | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.608 | 228  | 6201140  | 67.557 | ng    | # 84     |
| 82) 3,3'-Dichlorobenzidine    | 21.526 | 252  | 2242419  | 74.779 | ng    | # 97     |
| 83) Chrysene                  | 21.678 | 228  | 5768430  | 66.374 | ng    | # 83     |
| 84) Bis(2-ethylhexyl)phtha... | 21.531 | 149  | 1290366  | 87.745 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.742 | 149  | 2290840  | 87.420 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 28.482 | 276  | 8912524  | 78.570 | ng    | # 99     |
| 88) Benzo(b)fluoranthene      | 23.817 | 252  | 7354158m | 75.049 | ng    |          |
| 89) Benzo(k)fluoranthene      | 23.882 | 252  | 7004534  | 74.075 | ng    | # 91     |
| 90) Benzo(a)pyrene            | 24.681 | 252  | 6415085  | 76.491 | ng    | 92       |
| 91) Dibenzo(a,h)anthracene    | 28.559 | 278  | 7466671  | 77.106 | ng    | 95       |
| 92) Benzo(g,h,i)perylene      | 29.645 | 276  | 7328004  | 80.152 | ng    | # 94     |

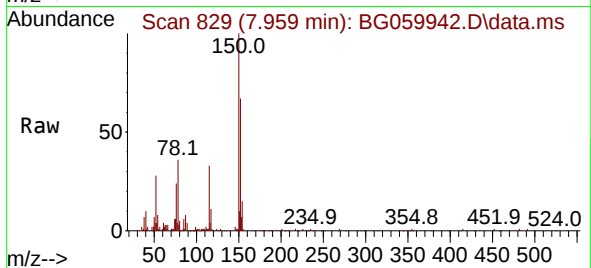
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.959 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

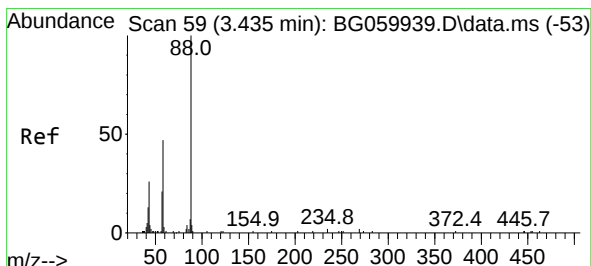
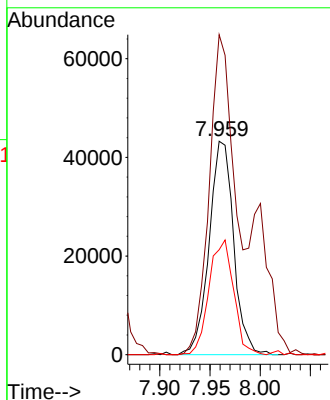
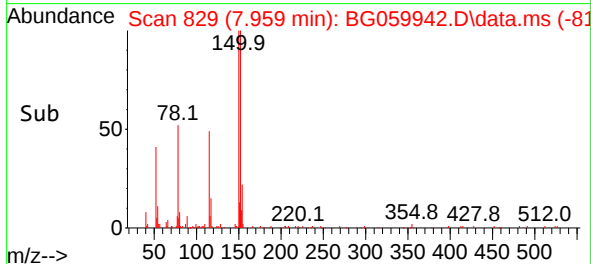
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:152 Resp: 7341  
Ion Ratio Lower Upper  
152 100  
150 149.9 136.9 205.3  
115 49.2 32.9 49.3

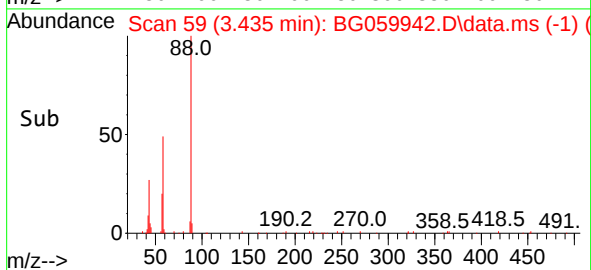
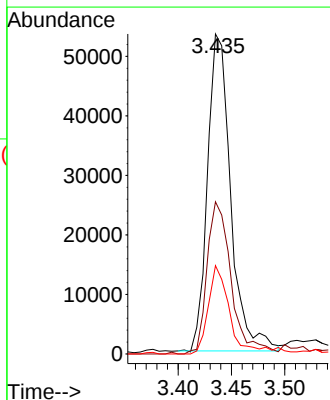
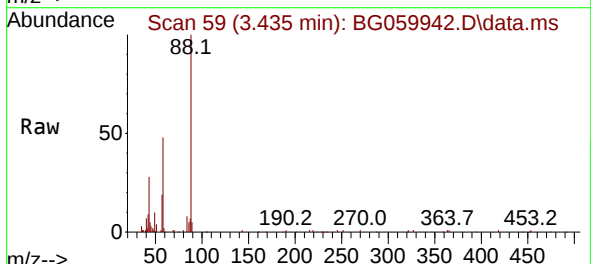
Manual Integrations  
APPROVED

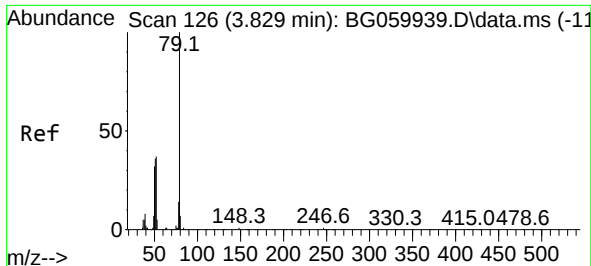
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023



#2  
1,4-Dioxane  
Concen: 72.986 ng  
RT: 3.435 min Scan# 59  
Delta R.T. -0.000 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

Tgt Ion: 88 Resp: 80804  
Ion Ratio Lower Upper  
88 100  
58 49.7 38.2 57.2  
43 26.4 21.0 31.4





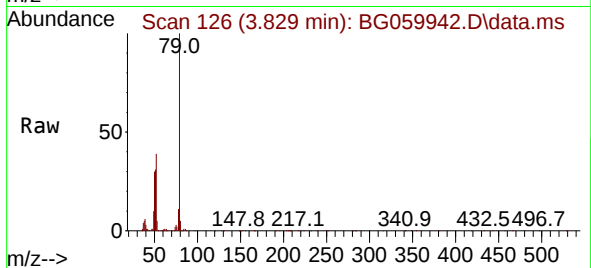
#3  
Pyridine  
Concen: 89.411 ng m  
RT: 3.829 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080



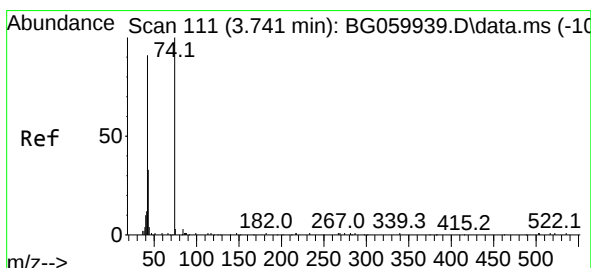
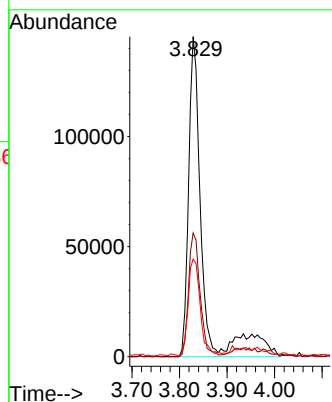
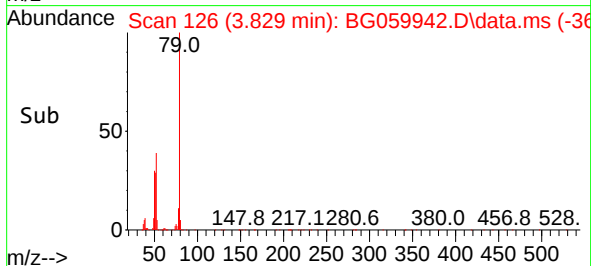
Tgt Ion: 79 Resp: 286878  
Ion Ratio Lower Upper  
79 100  
52 38.7 29.8 44.8  
51 30.5 30.3 45.5

Manual Integrations

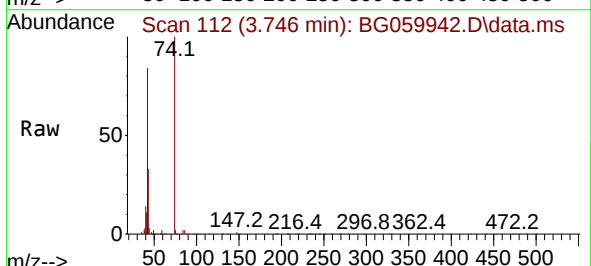
APPROVED

Reviewed By :Yogesh Patel 12/05/2023

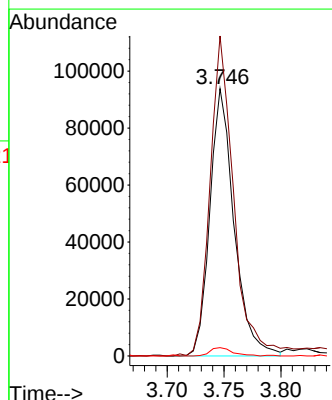
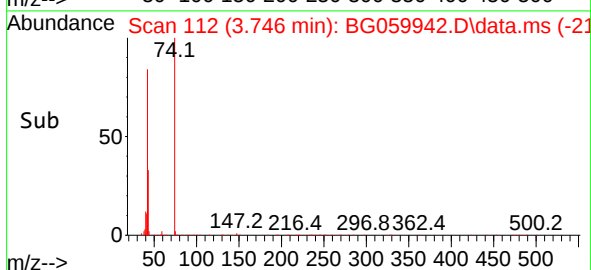
Supervised By :mohammad ahmed 12/06/2023

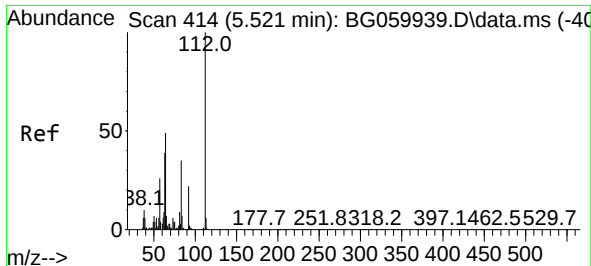


#4  
n-Nitrosodimethylamine  
Concen: 61.951 ng  
RT: 3.746 min Scan# 112  
Delta R.T. 0.006 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06



Tgt Ion: 42 Resp: 139248  
Ion Ratio Lower Upper  
42 100  
74 119.7 87.4 131.2  
44 3.1 3.7 5.5#





#5  
2-Fluorophenol  
Concen: 163.757 ng  
RT: 5.527 min Scan# 414  
Delta R.T. 0.006 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

Instrument :

BNA\_G

ClientSampleId :

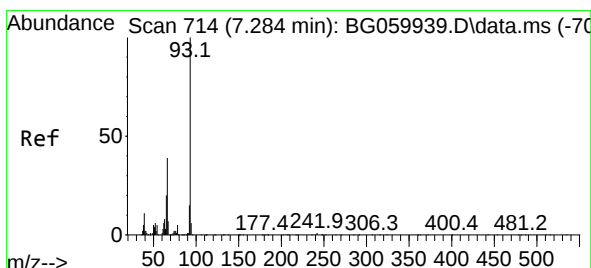
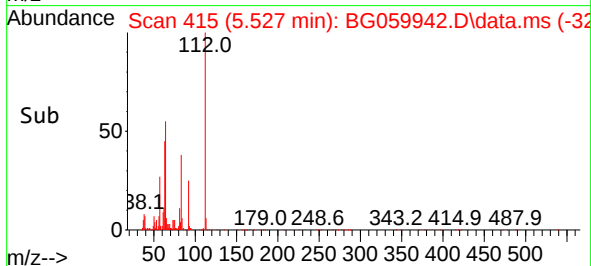
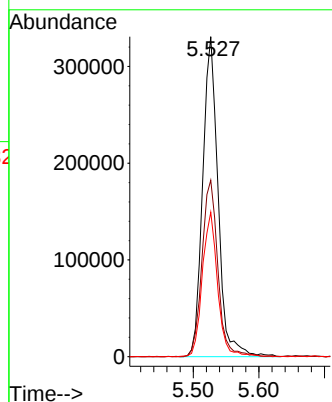
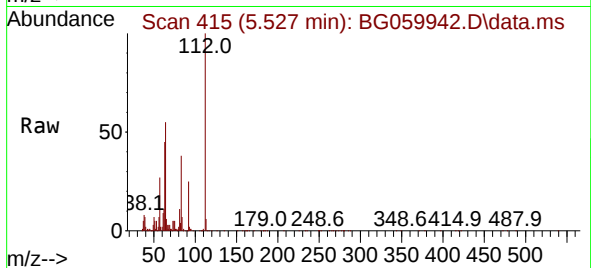
SSTDICC080

Tgt Ion:112 Resp: 541650  
Ion Ratio Lower Upper  
112 100  
64 55.2 39.4 59.0  
63 45.2 31.2 46.8

Manual Integrations

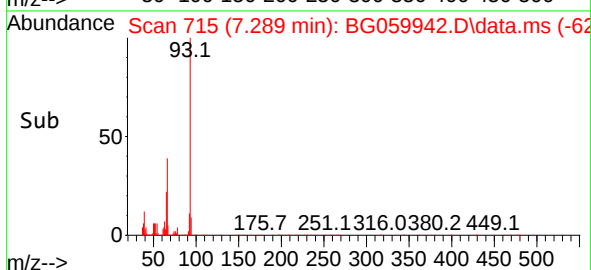
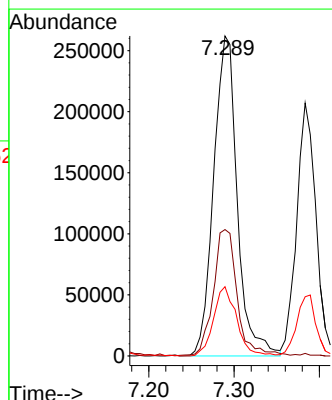
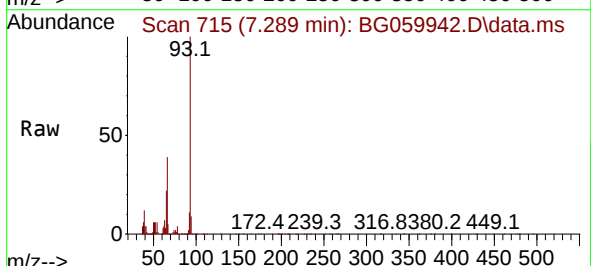
APPROVED

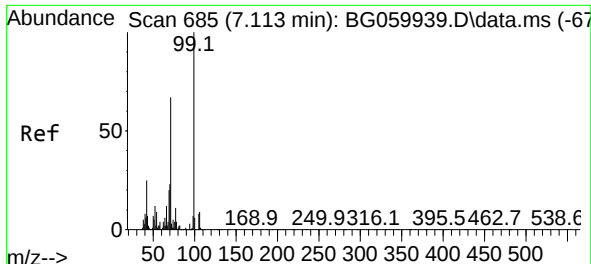
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023



#6  
Aniline  
Concen: 92.453 ng  
RT: 7.289 min Scan# 715  
Delta R.T. 0.006 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

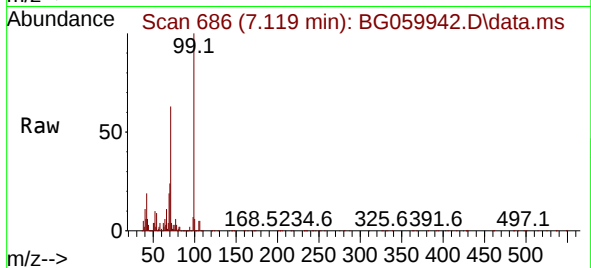
Tgt Ion: 93 Resp: 503629  
Ion Ratio Lower Upper  
93 100  
66 39.5 31.4 47.0  
65 21.6 16.2 24.2





#7  
Phenol-d6  
Concen: 185.420 ng  
RT: 7.119 min Scan# 685  
Delta R.T. 0.006 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

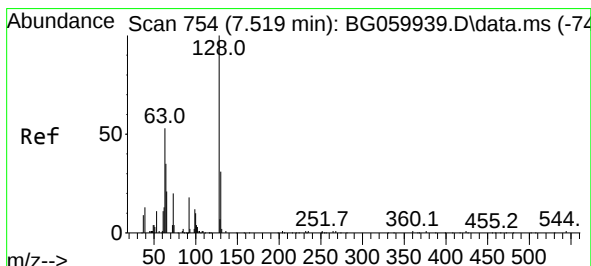
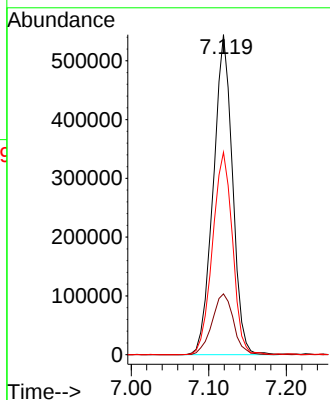
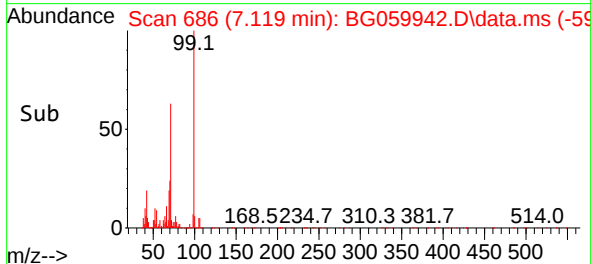
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion: 99 Resp: 940435  
Ion Ratio Lower Upper  
99 100  
42 19.0 20.1 30.1  
71 63.3 53.8 80.6

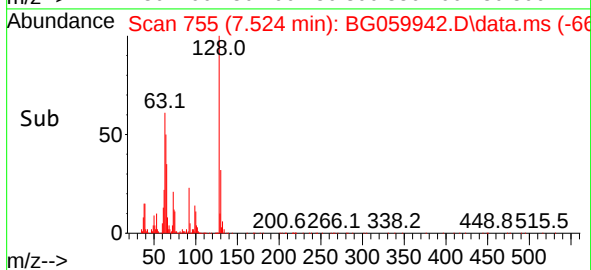
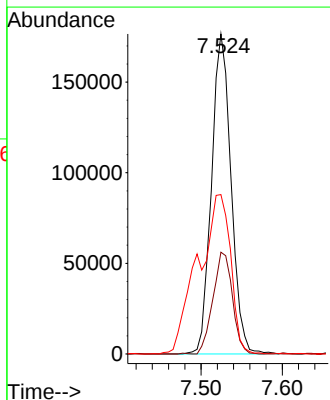
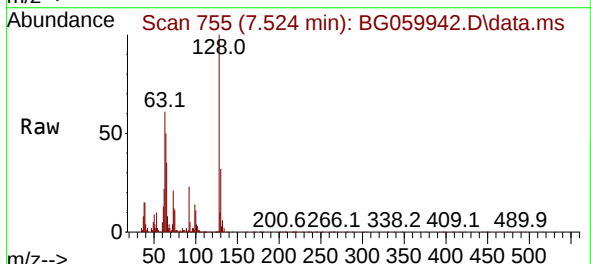
Manual Integrations  
APPROVED

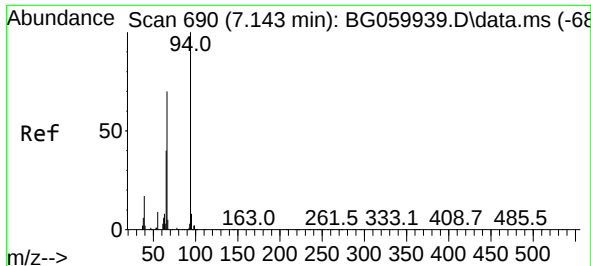
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023



#8  
2-Chlorophenol  
Concen: 88.753 ng  
RT: 7.524 min Scan# 755  
Delta R.T. 0.006 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

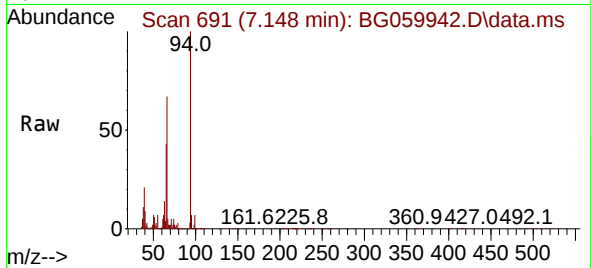
Tgt Ion:128 Resp: 295419  
Ion Ratio Lower Upper  
128 100  
130 31.8 10.9 50.9  
64 49.8 30.3 70.3





#10  
Phenol  
Concen: 91.596 ng  
RT: 7.148 min Scan# 690  
Delta R.T. 0.006 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

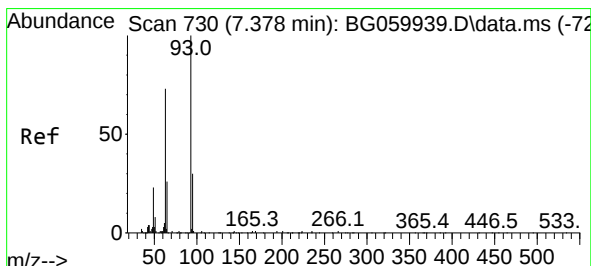
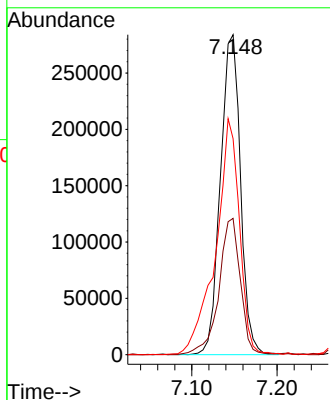
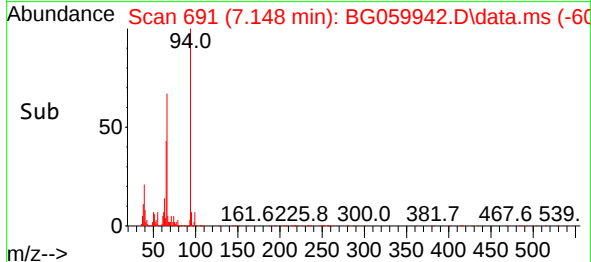
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



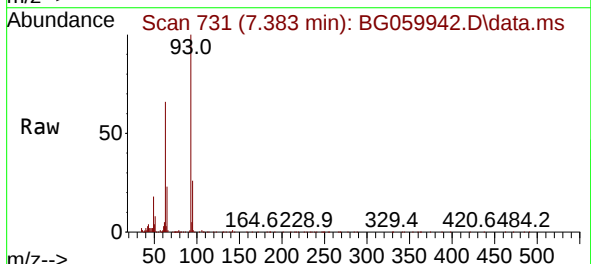
Tgt Ion: 94 Resp: 464629  
Ion Ratio Lower Upper  
94 100  
65 42.6 20.6 60.6  
66 67.5 52.1 92.1

Manual Integrations  
APPROVED

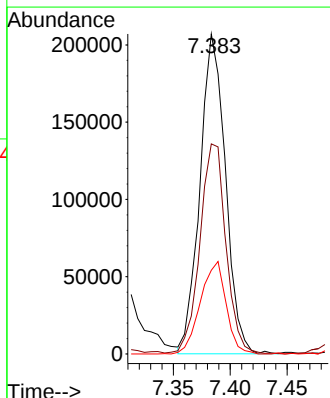
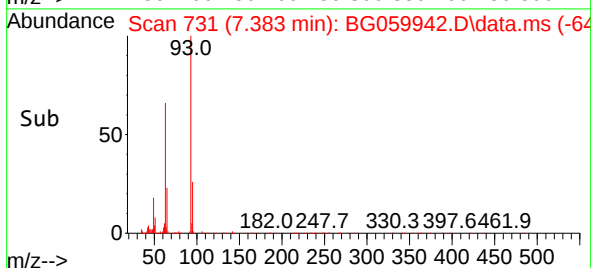
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023

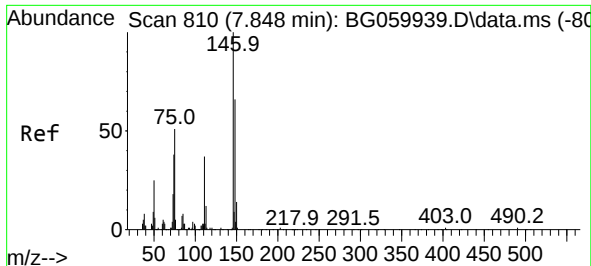


#11  
bis(2-Chloroethyl)ether  
Concen: 101.563 ng  
RT: 7.383 min Scan# 731  
Delta R.T. 0.006 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06



Tgt Ion: 93 Resp: 322999  
Ion Ratio Lower Upper  
93 100  
63 65.6 52.9 92.9  
95 26.2 9.9 49.9





#12

1,3-Dichlorobenzene

Concen: 80.627 ng

RT: 7.848 min Scan# 810

Delta R.T. -0.000 min

Lab File: BG059942.D

Acq: 4 Dec 2023 22:06

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

Tgt Ion:146 Resp: 423540

Ion Ratio Lower Upper

146 100

148 63.8 52.9 79.3

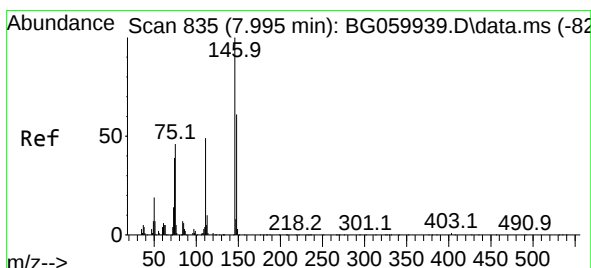
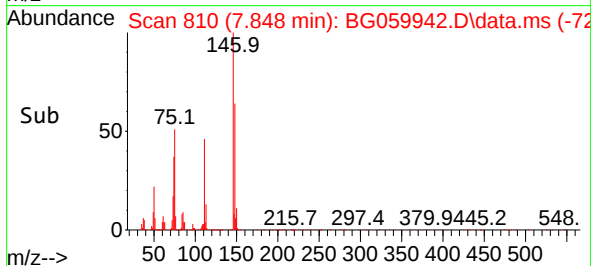
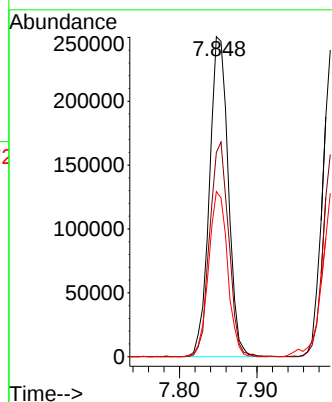
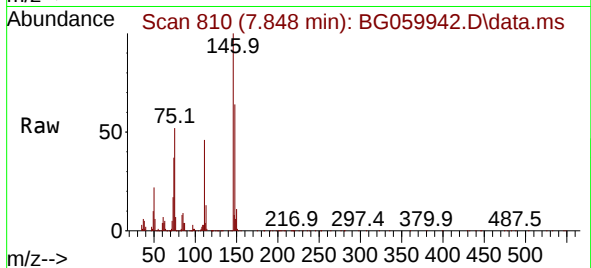
75 51.6 40.7 61.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/05/2023

Supervised By :mohammad ahmed 12/06/2023



#13

1,4-Dichlorobenzene

Concen: 79.610 ng

RT: 8.000 min Scan# 836

Delta R.T. 0.006 min

Lab File: BG059942.D

Acq: 4 Dec 2023 22:06

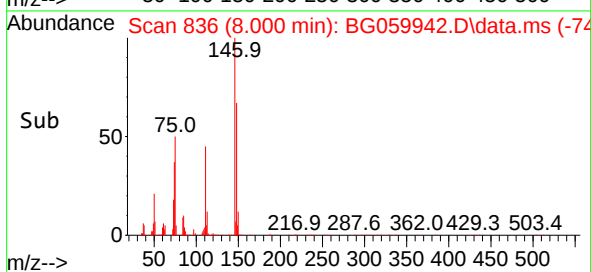
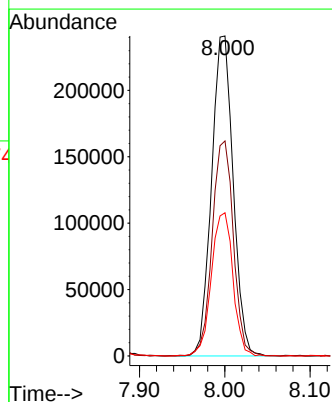
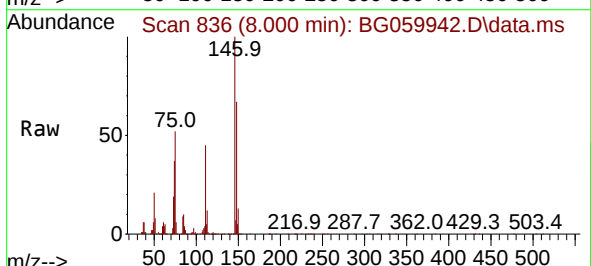
Tgt Ion:146 Resp: 424322

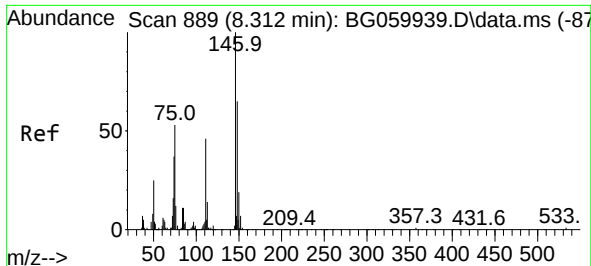
Ion Ratio Lower Upper

146 100

148 67.2 48.8 73.2

111 44.7 39.1 58.7





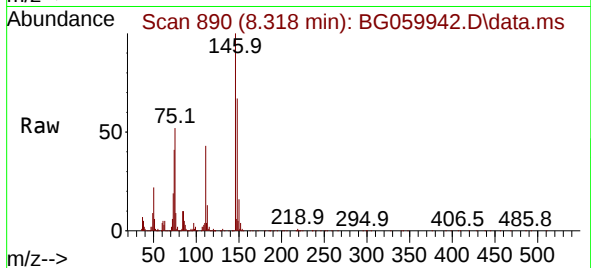
#14  
1,2-Dichlorobenzene  
Concen: 77.019 ng  
RT: 8.318 min Scan# 890  
Delta R.T. 0.006 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

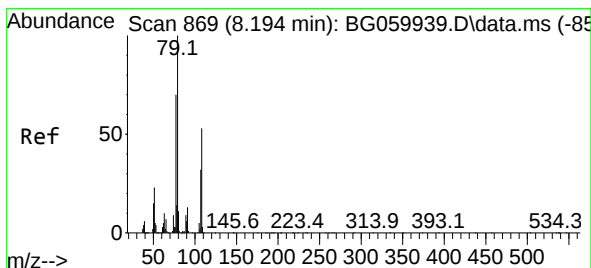
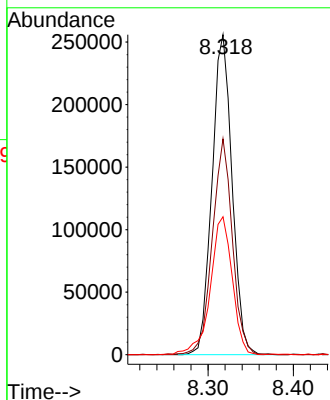
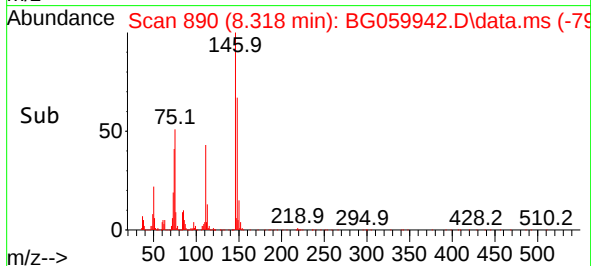


Tgt Ion:146 Resp: 417280  
Ion Ratio Lower Upper  
146 100  
148 67.5 52.4 78.6  
111 43.1 36.7 55.1

Manual Integrations

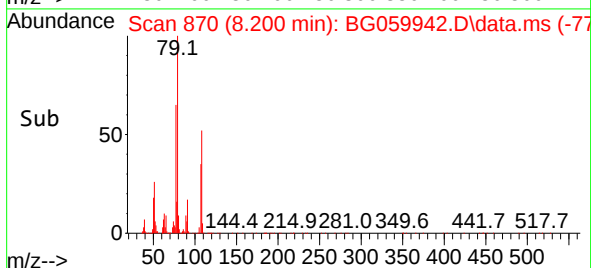
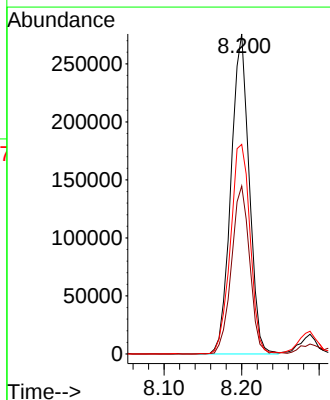
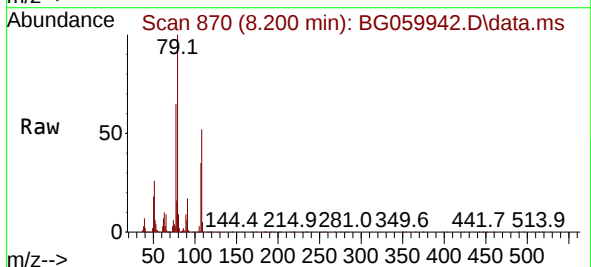
APPROVED

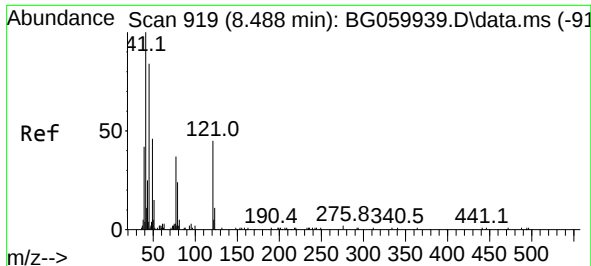
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023



#15  
Benzyl Alcohol  
Concen: 76.752 ng  
RT: 8.200 min Scan# 870  
Delta R.T. 0.006 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

Tgt Ion: 79 Resp: 449454  
Ion Ratio Lower Upper  
79 100  
108 52.5 42.7 64.1  
77 65.5 56.3 84.5





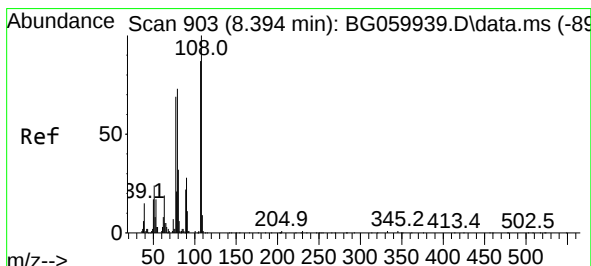
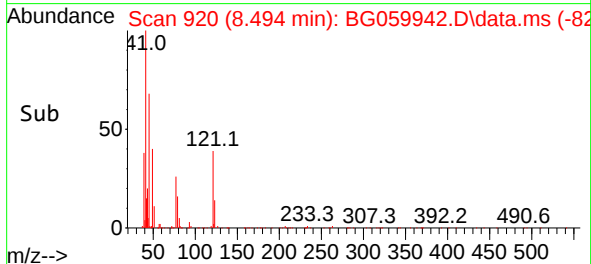
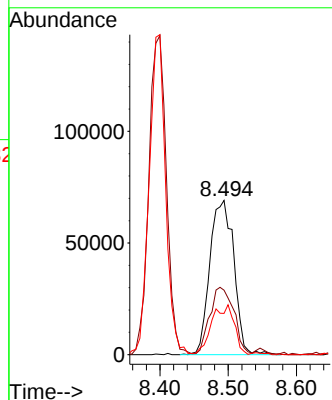
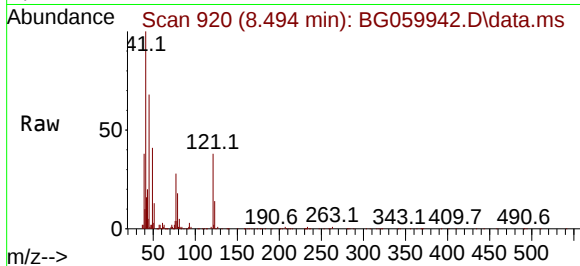
#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 141.809 ng  
RT: 8.494 min Scan# 919  
Delta R.T. 0.006 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

Tgt Ion: 45 Resp: 16950  
Ion Ratio Lower Upper  
45 100  
77 41.9 26.2 66.2  
79 26.8 11.2 51.2

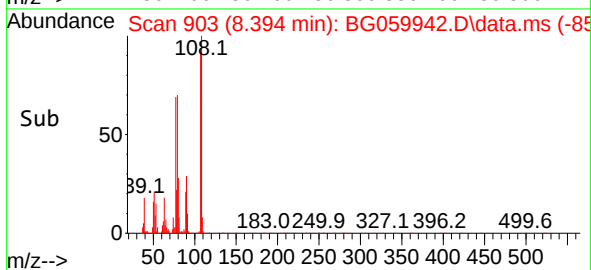
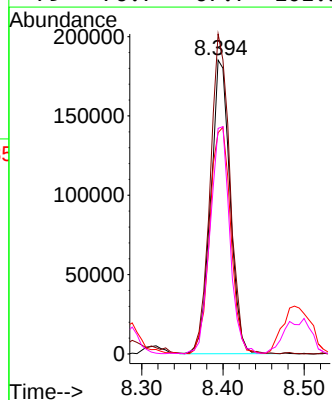
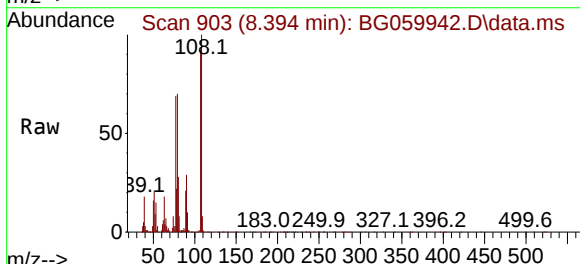
Manual Integrations  
APPROVED

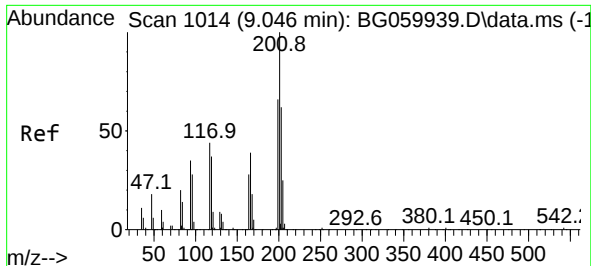
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023



#17  
2-Methylphenol  
Concen: 84.159 ng  
RT: 8.394 min Scan# 903  
Delta R.T. -0.000 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

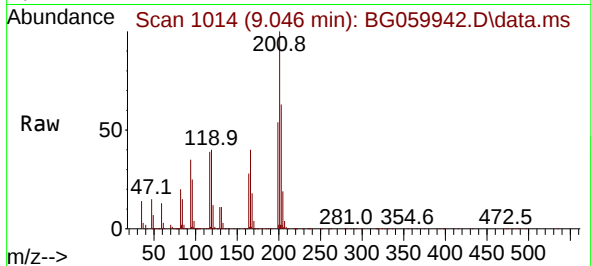
Tgt Ion:107 Resp: 305612  
Ion Ratio Lower Upper  
107 100  
108 108.9 92.2 138.4  
77 75.3 63.7 95.5  
79 76.7 67.7 101.5





#18  
Hexachloroethane  
Concen: 70.276 ng  
RT: 9.046 min Scan# 1014  
Delta R.T. -0.000 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

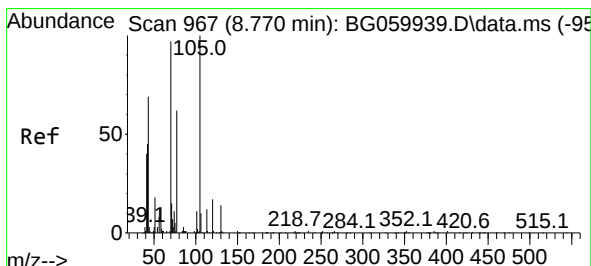
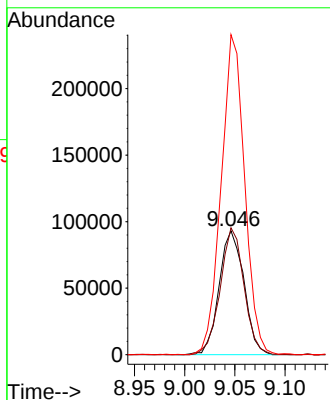
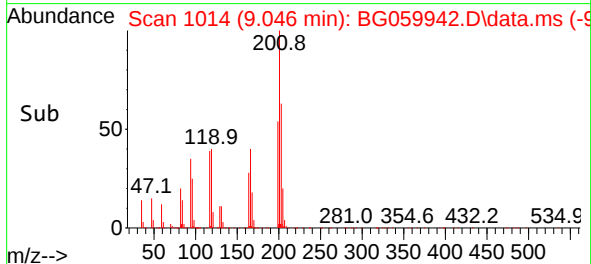
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:117 Resp: 160110  
Ion Ratio Lower Upper  
117 100  
119 102.5 67.5 101.3  
201 258.3 183.0 274.6

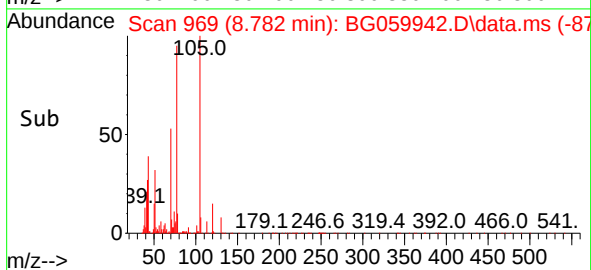
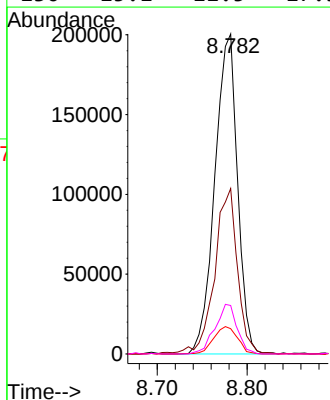
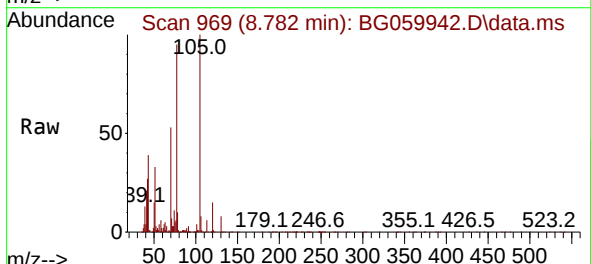
Manual Integrations  
APPROVED

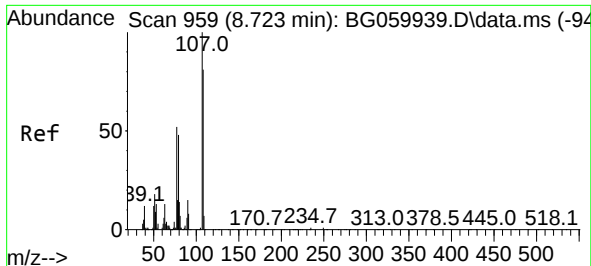
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023



#19  
n-Nitroso-di-n-propylamine  
Concen: 85.563 ng  
RT: 8.782 min Scan# 969  
Delta R.T. 0.012 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

Tgt Ion: 70 Resp: 351310  
Ion Ratio Lower Upper  
70 100  
42 51.7 38.1 57.1  
101 7.9 8.6 13.0  
130 15.1 11.5 17.3





#20

3+4-Methylphenols

Concen: 84.506 ng

RT: 8.729 min Scan# 959

Delta R.T. 0.006 min

Lab File: BG059942.D

Acq: 4 Dec 2023 22:06

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

Tgt Ion:107 Resp: 441918

Ion Ratio Lower Upper

107 100

108 83.6 60.7 100.7

77 51.8 32.2 72.2

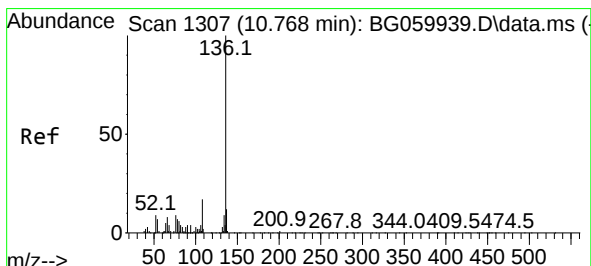
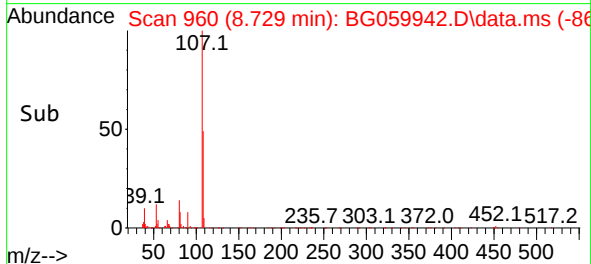
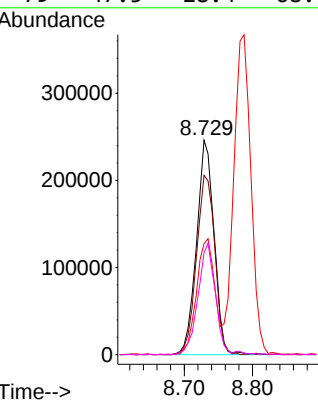
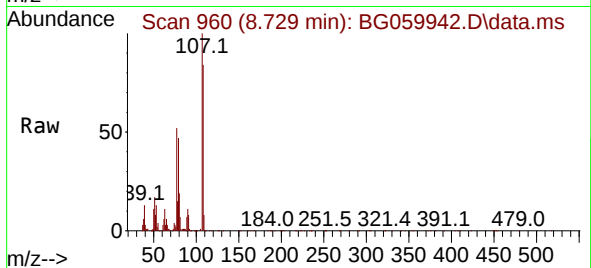
79 47.5 28.4 68.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/05/2023

Supervised By :mohammad ahmed 12/06/2023



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.768 min Scan# 1307

Delta R.T. -0.000 min

Lab File: BG059942.D

Acq: 4 Dec 2023 22:06

Tgt Ion:136 Resp: 279352

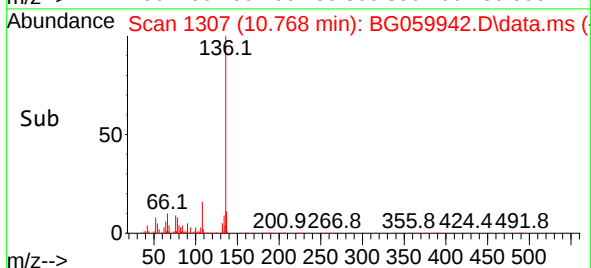
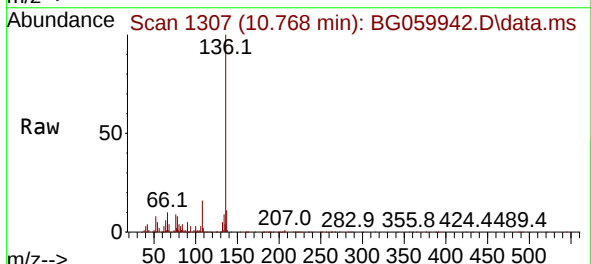
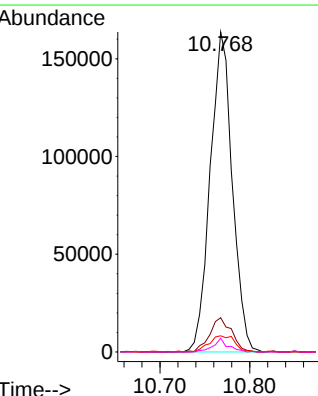
Ion Ratio Lower Upper

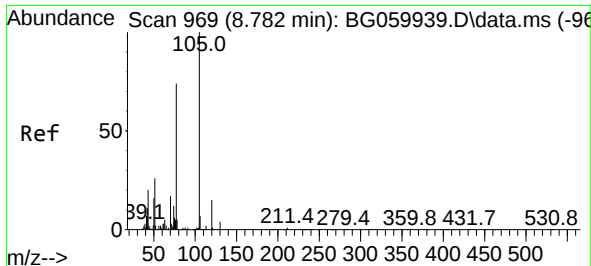
136 100

137 10.7 9.8 14.6

54 5.1 5.8 8.6#

68 4.3 3.4 5.2





#22  
Acetophenone  
Concen: 76.478 ng  
RT: 8.788 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

Instrument :

BNA\_G

ClientSampleId :

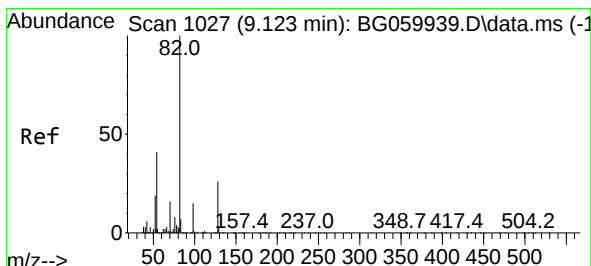
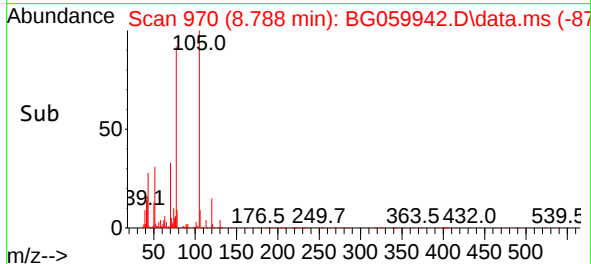
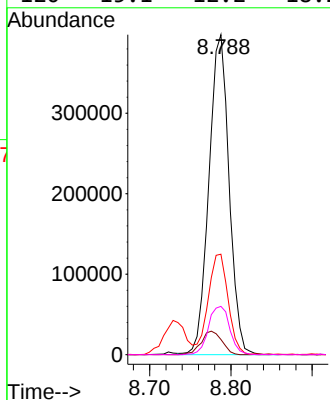
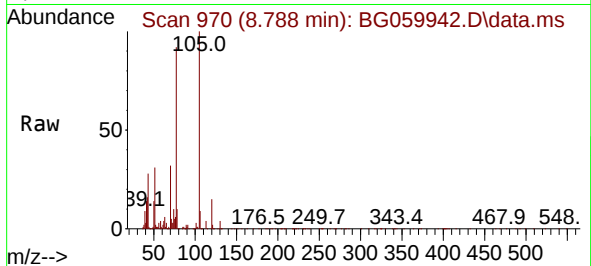
SSTDICC080

Tgt Ion:105 Resp: 686532  
Ion Ratio Lower Upper  
105 100  
71 4.8 3.0 4.4  
51 31.4 24.4 36.6  
120 15.1 12.2 18.2

Manual Integrations

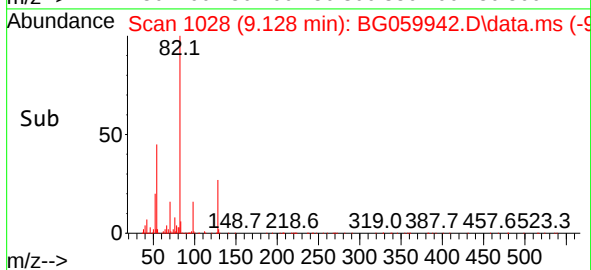
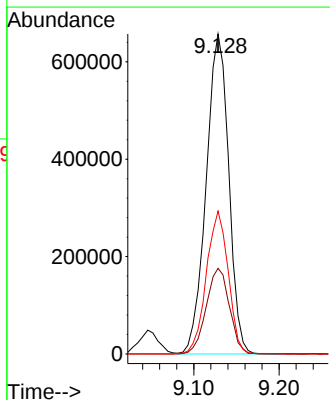
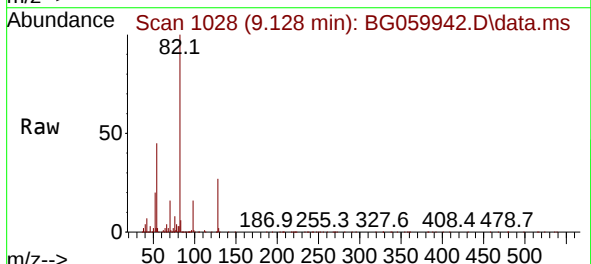
APPROVED

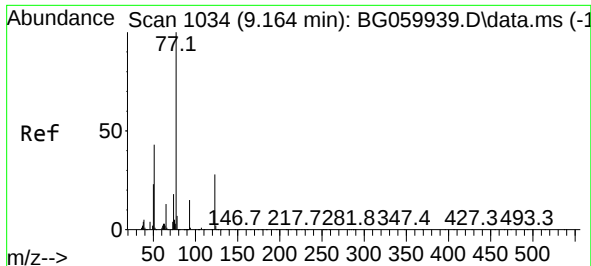
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023



#23  
Nitrobenzene-d5  
Concen: 149.733 ng  
RT: 9.128 min Scan# 1028  
Delta R.T. 0.006 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

Tgt Ion: 82 Resp: 1207990  
Ion Ratio Lower Upper  
82 100  
128 26.8 21.0 31.6  
54 44.6 32.6 48.8





#24  
Nitrobenzene  
Concen: 78.002 ng  
RT: 9.169 min Scan# 1034  
Delta R.T. 0.006 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

Instrument :

BNA\_G

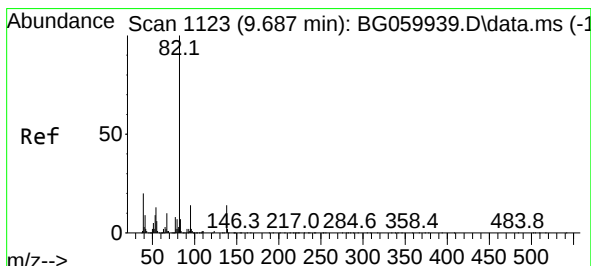
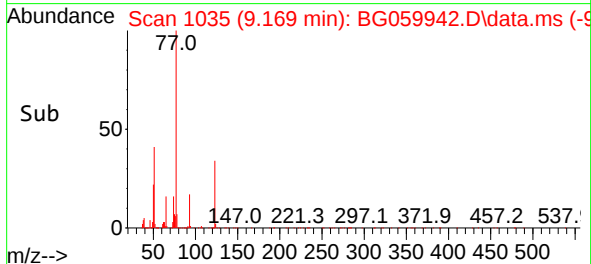
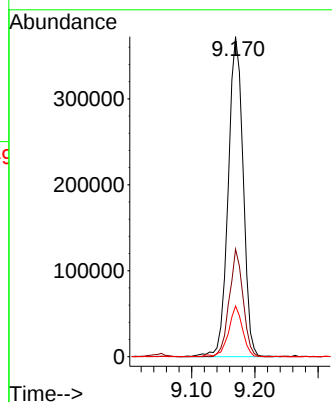
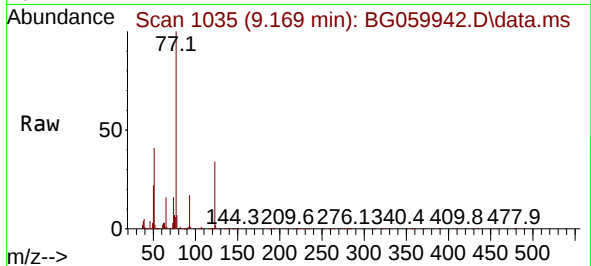
ClientSampleId :

SSTDICC080

Tgt Ion: 77 Resp: 61184  
Ion Ratio Lower Upper  
77 100  
123 33.6 22.7 34.1  
65 15.9 10.6 16.0

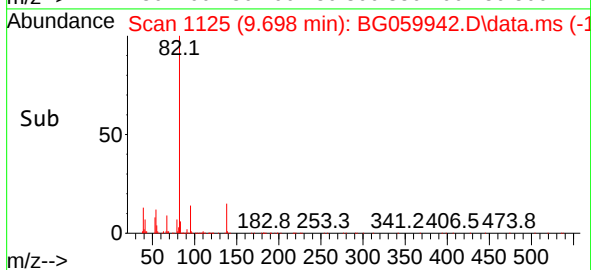
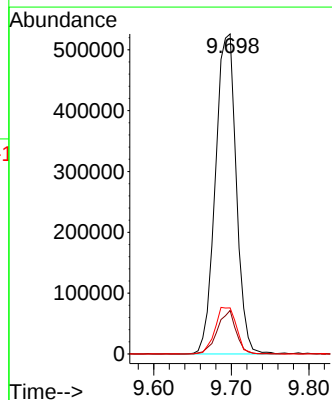
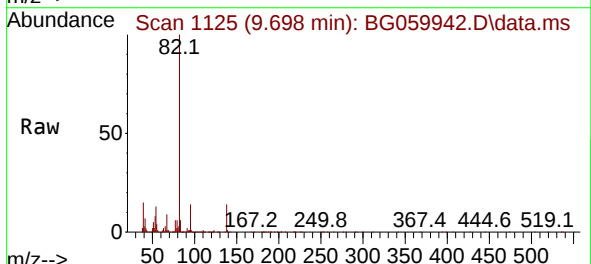
Manual Integrations  
APPROVED

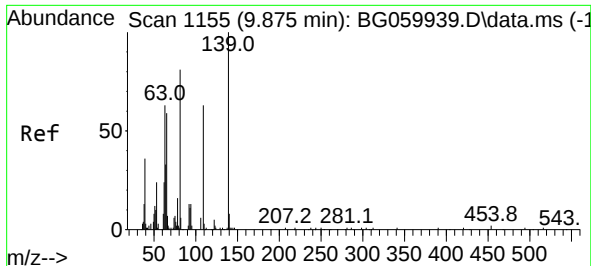
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023



#25  
Isophorone  
Concen: 79.950 ng  
RT: 9.698 min Scan# 1125  
Delta R.T. 0.012 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

Tgt Ion: 82 Resp: 983371  
Ion Ratio Lower Upper  
82 100  
95 13.6 11.2 16.8  
138 14.4 11.0 16.4





#26  
2-Nitrophenol  
Concen: 80.797 ng  
RT: 9.875 min Scan# 1155  
Delta R.T. -0.000 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

Instrument :

BNA\_G

ClientSampleId :

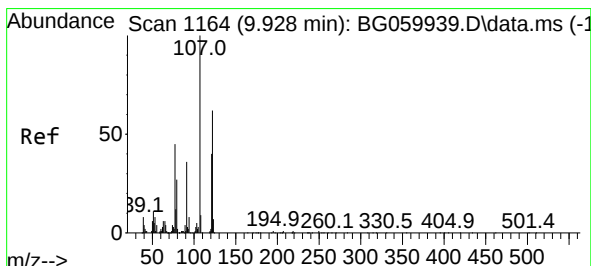
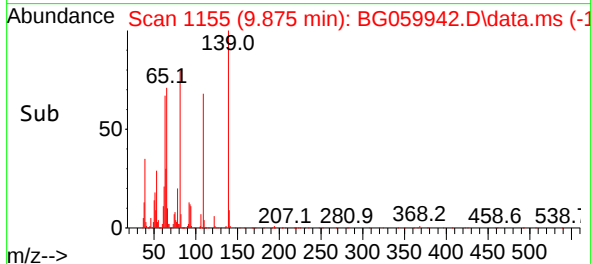
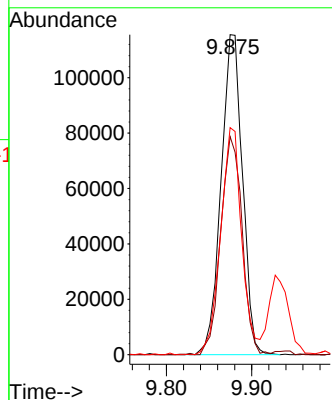
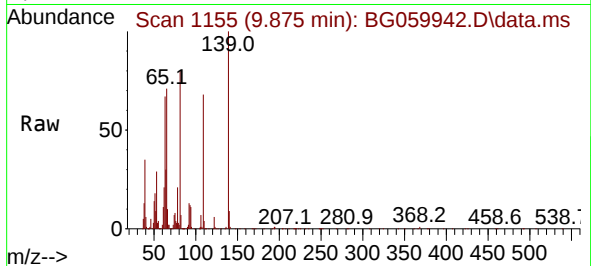
SSTDICC080

Tgt Ion:139 Resp: 20164  
Ion Ratio Lower Upper  
139 100  
109 68.2 50.2 75.2  
65 71.0 46.8 70.2

Manual Integrations

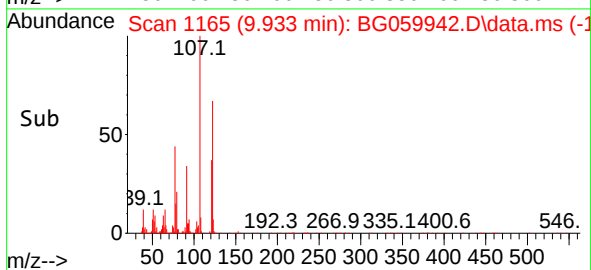
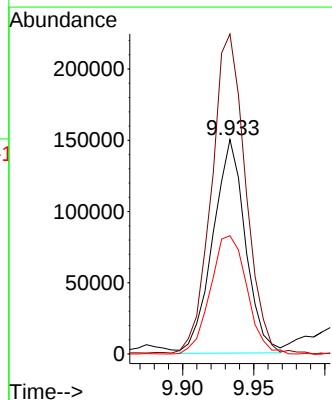
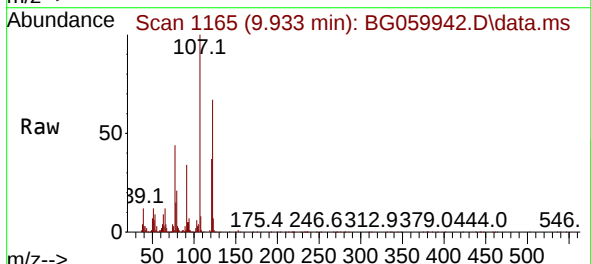
APPROVED

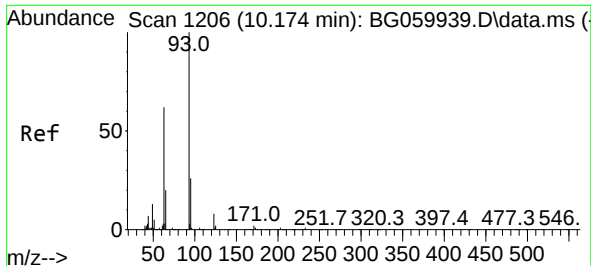
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023



#27  
2,4-Dimethylphenol  
Concen: 78.931 ng  
RT: 9.933 min Scan# 1165  
Delta R.T. 0.006 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

Tgt Ion:122 Resp: 238295  
Ion Ratio Lower Upper  
122 100  
107 149.2 126.1 189.1  
121 55.2 50.3 75.5





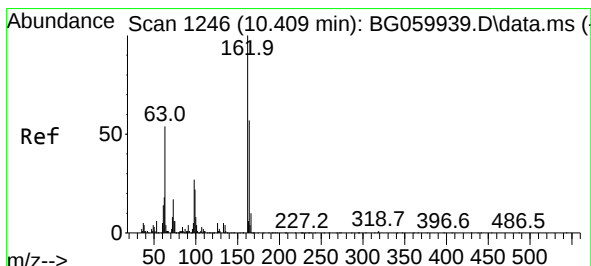
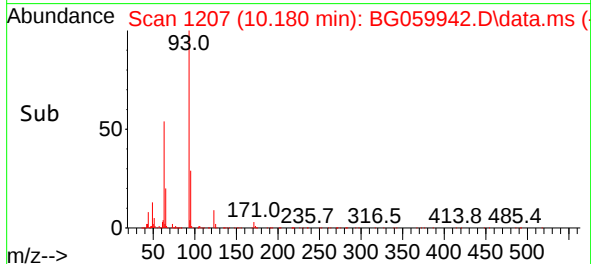
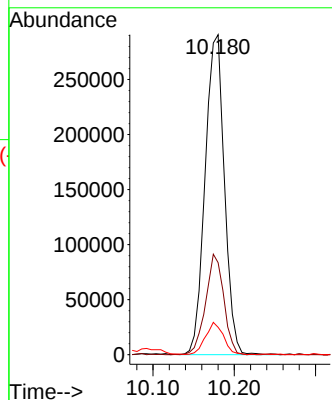
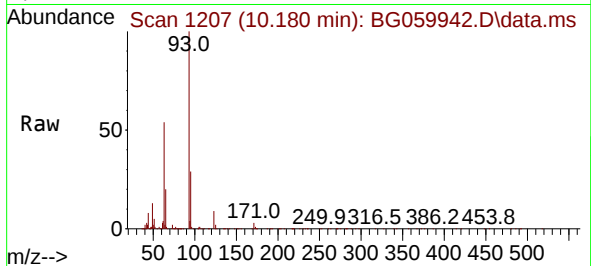
#28  
bis(2-Chloroethoxy)methane  
Concen: 93.427 ng  
RT: 10.180 min Scan# 1207  
Delta R.T. 0.006 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

Tgt Ion: 93 Resp: 47878  
Ion Ratio Lower Upper  
93 100  
95 28.8 21.0 31.4  
123 8.5 6.7 10.1

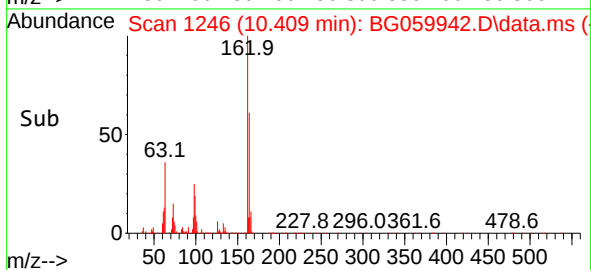
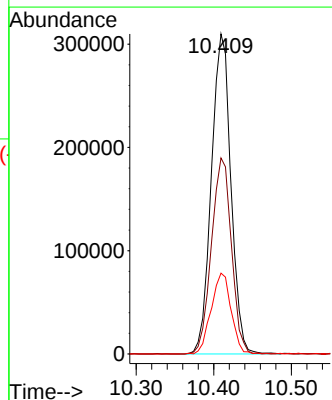
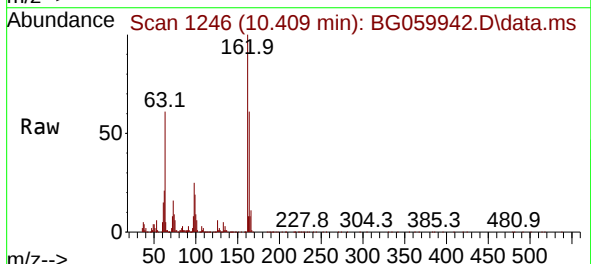
Manual Integrations  
APPROVED

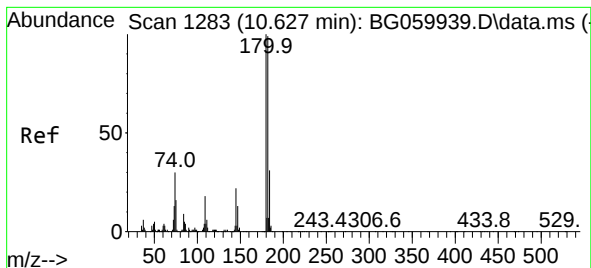
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023



#29  
2,4-Dichlorophenol  
Concen: 75.110 ng  
RT: 10.409 min Scan# 1246  
Delta R.T. -0.000 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

Tgt Ion:162 Resp: 542286  
Ion Ratio Lower Upper  
162 100  
164 61.3 36.7 76.7  
98 25.2 7.4 47.4





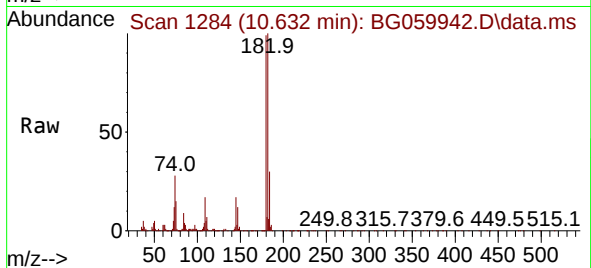
#30  
1,2,4-Trichlorobenzene  
Concen: 72.220 ng  
RT: 10.632 min Scan# 1283  
Delta R.T. 0.006 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080



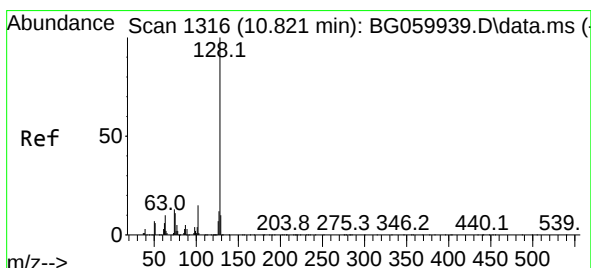
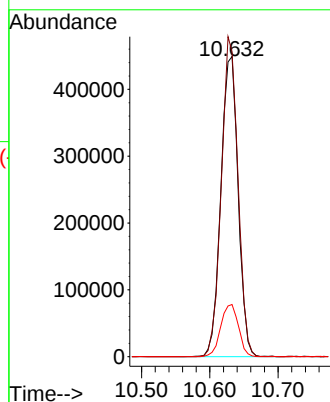
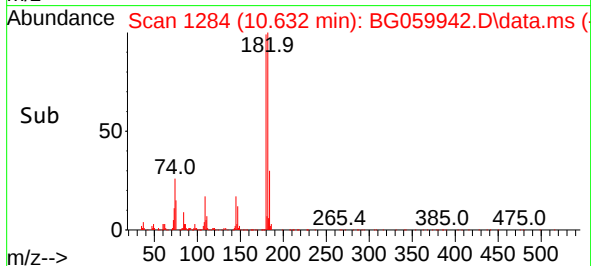
Tgt Ion:180 Resp: 790430  
Ion Ratio Lower Upper  
180 100  
182 101.5 79.0 118.6  
145 17.4 17.4 26.0

Manual Integrations

APPROVED

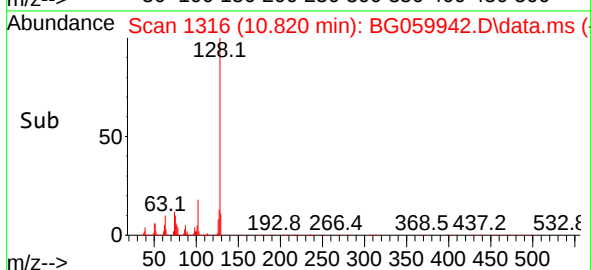
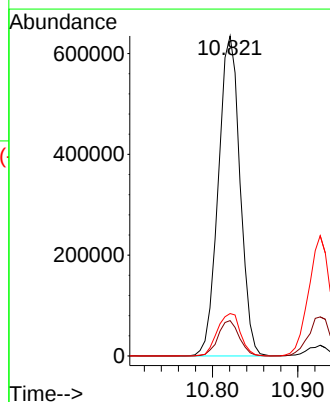
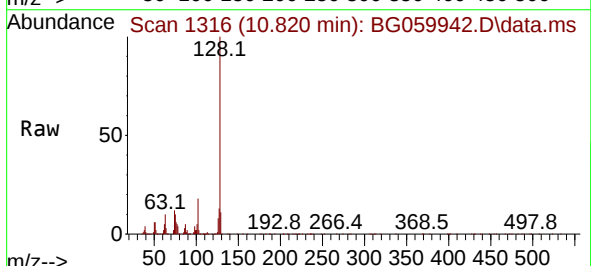
Reviewed By :Yogesh Patel 12/05/2023

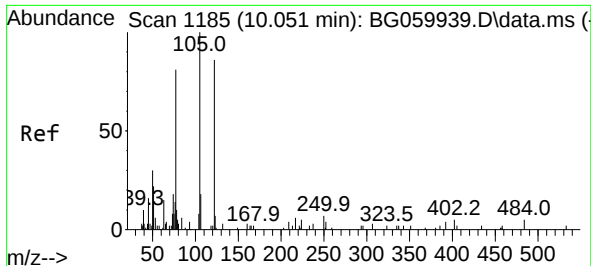
Supervised By :mohammad ahmed 12/06/2023



#31  
Naphthalene  
Concen: 79.668 ng  
RT: 10.820 min Scan# 1316  
Delta R.T. -0.000 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

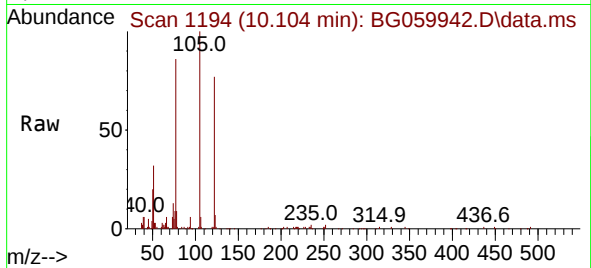
Tgt Ion:128 Resp: 1120717  
Ion Ratio Lower Upper  
128 100  
129 11.1 7.6 11.4  
127 13.2 9.9 14.9





#32  
Benzoic acid  
Concen: 96.470 ng m  
RT: 10.104 min Scan# 1185  
Delta R.T. 0.053 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

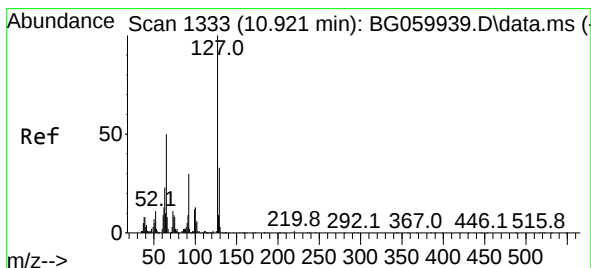
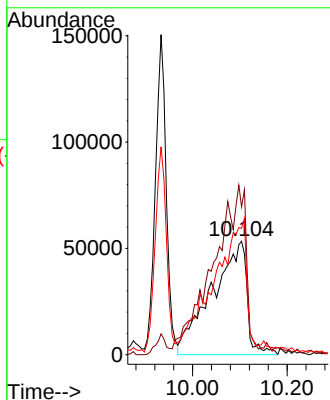
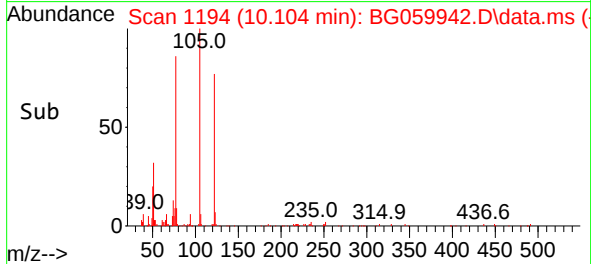
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:122 Resp: 276962  
Ion Ratio Lower Upper  
122 100  
105 130.3 123.9 163.9  
77 111.5 94.6 134.6

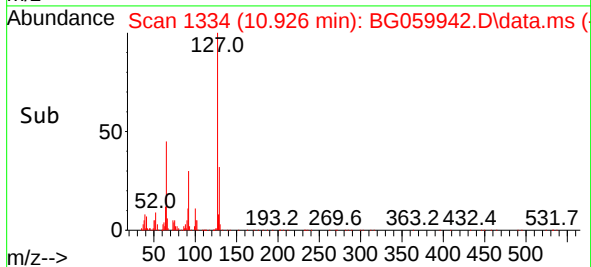
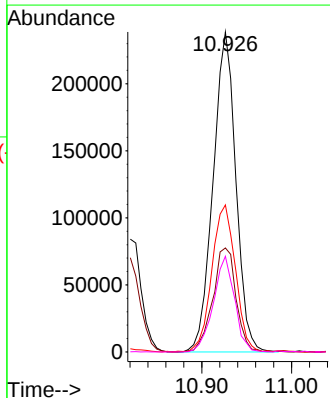
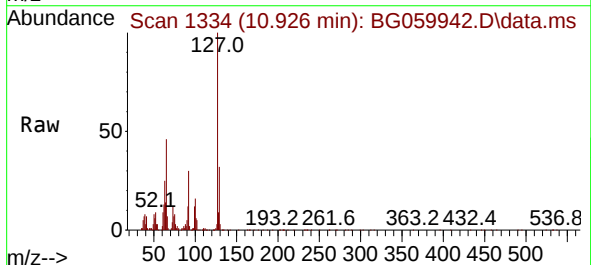
Manual Integrations  
APPROVED

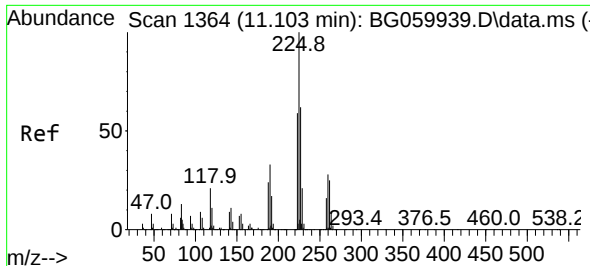
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023



#33  
4-Chloroaniline  
Concen: 79.547 ng  
RT: 10.926 min Scan# 1334  
Delta R.T. 0.006 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

Tgt Ion:127 Resp: 419713  
Ion Ratio Lower Upper  
127 100  
129 32.5 26.6 40.0  
65 45.9 40.4 60.6  
92 29.9 23.7 35.5





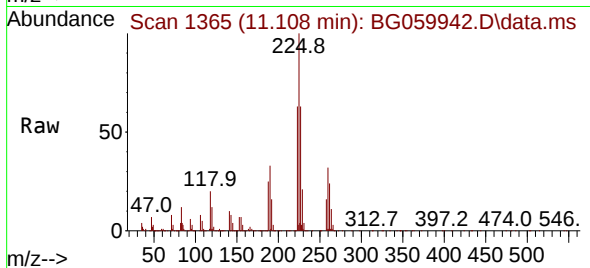
#34  
Hexachlorobutadiene  
Concen: 64.366 ng  
RT: 11.108 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080



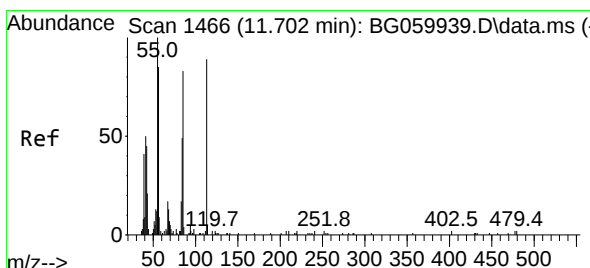
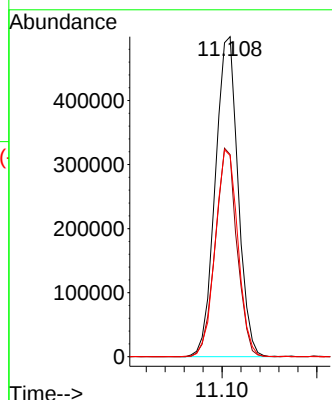
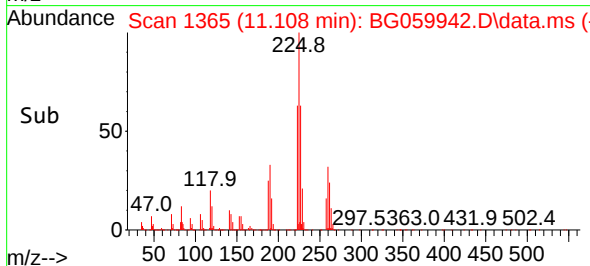
Tgt Ion:225 Resp: 831680  
Ion Ratio Lower Upper  
225 100  
223 63.2 47.0 70.6  
227 62.9 50.2 75.4

Manual Integrations

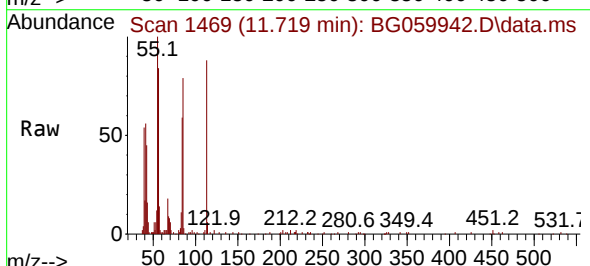
APPROVED

Reviewed By :Yogesh Patel 12/05/2023

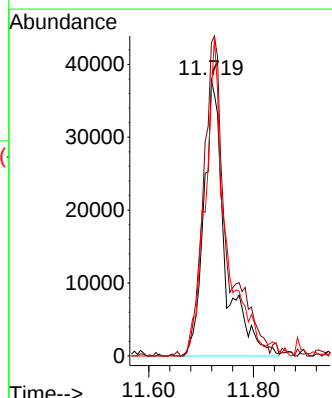
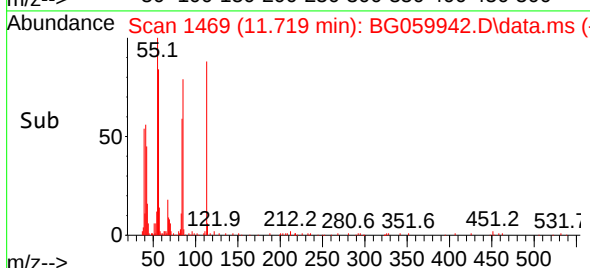
Supervised By :mohammad ahmed 12/06/2023

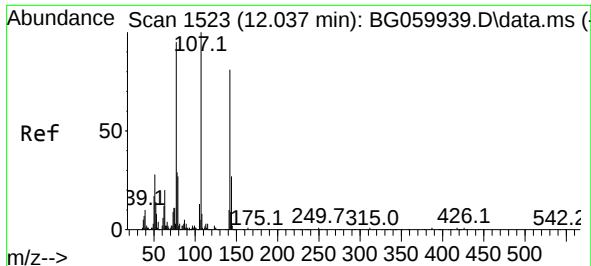


#35  
Caprolactam  
Concen: 82.313 ng m  
RT: 11.719 min Scan# 1469  
Delta R.T. 0.018 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06



Tgt Ion:113 Resp: 106528  
Ion Ratio Lower Upper  
113 100  
55 113.5 93.5 133.5  
56 95.3 74.9 114.9





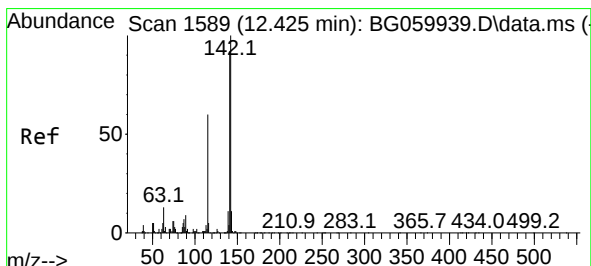
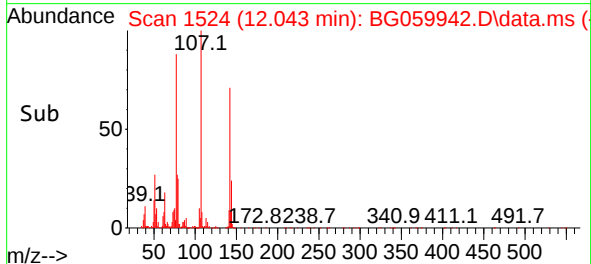
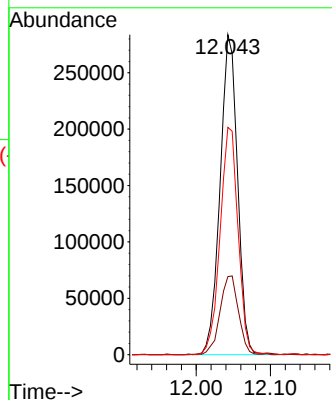
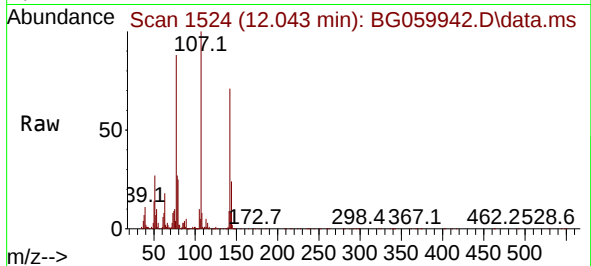
#36  
4-Chloro-3-methylphenol  
Concen: 73.753 ng  
RT: 12.043 min Scan# 1523  
Delta R.T. 0.006 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

Tgt Ion:107 Resp: 464795  
Ion Ratio Lower Upper  
107 100  
144 24.4 21.6 32.4  
142 71.1 64.6 97.0

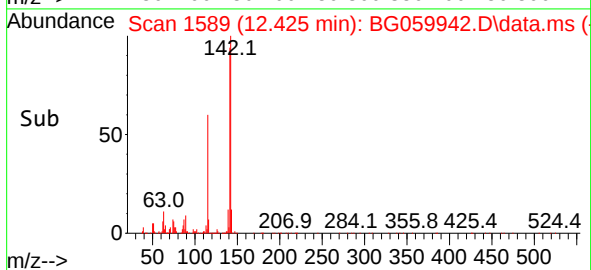
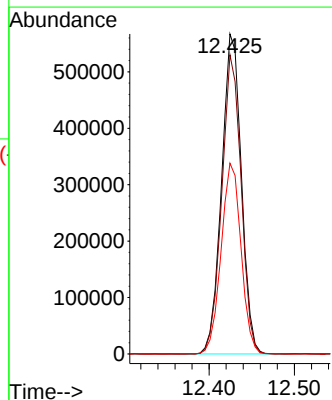
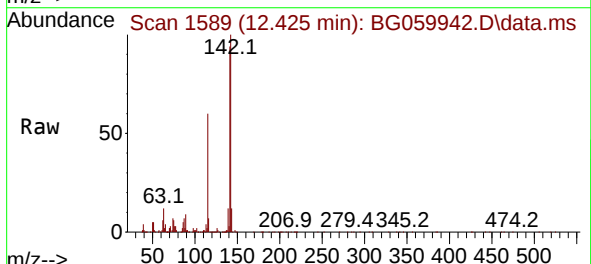
Manual Integrations  
APPROVED

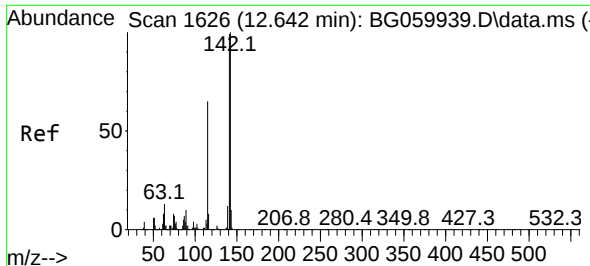
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023



#37  
2-Methylnaphthalene  
Concen: 68.102 ng  
RT: 12.425 min Scan# 1589  
Delta R.T. -0.000 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

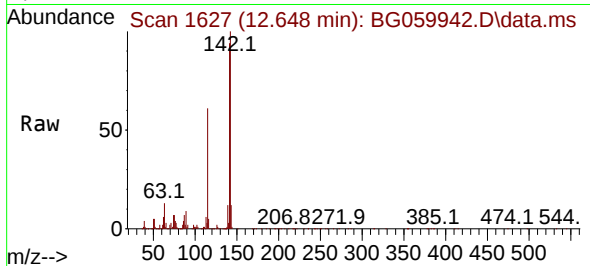
Tgt Ion:142 Resp: 914331  
Ion Ratio Lower Upper  
142 100  
141 93.5 73.4 110.2  
115 59.6 48.1 72.1





#38  
1-Methylnaphthalene  
Concen: 68.480 ng m  
RT: 12.648 min Scan# 1626  
Delta R.T. 0.006 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

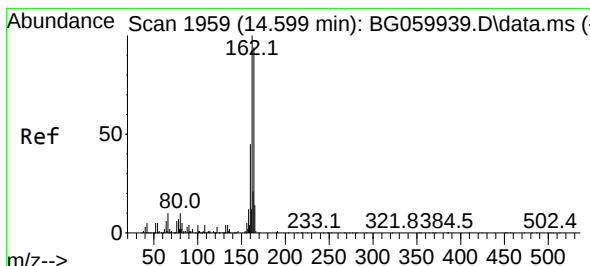
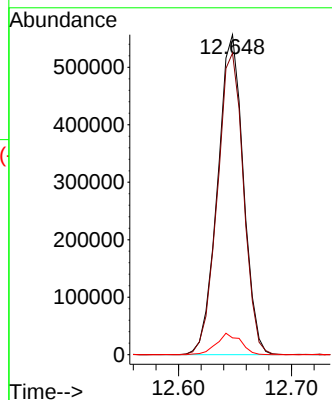
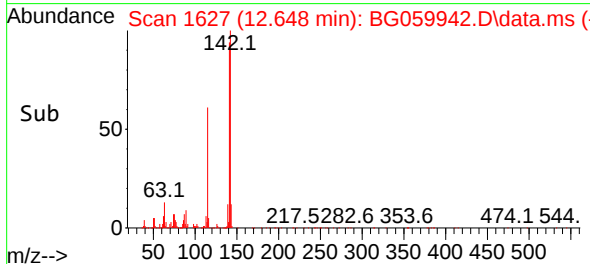
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:142 Resp: 885085  
Ion Ratio Lower Upper  
142 100  
141 94.3 79.4 119.2  
116 5.3 6.2 9.4

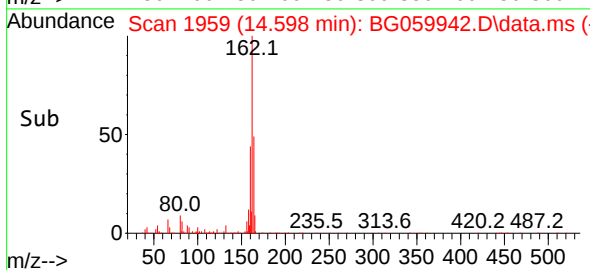
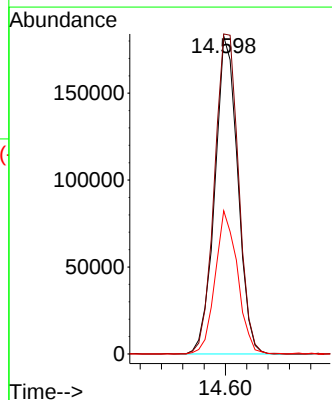
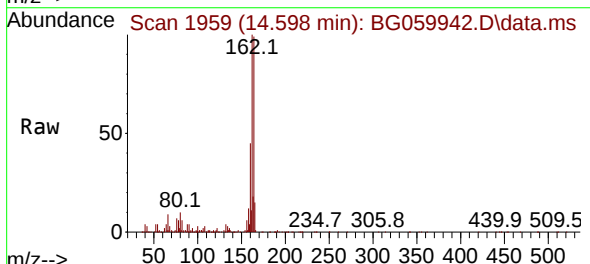
Manual Integrations  
APPROVED

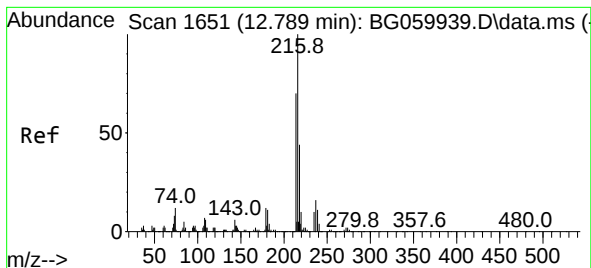
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.598 min Scan# 1959  
Delta R.T. -0.000 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

Tgt Ion:164 Resp: 271690  
Ion Ratio Lower Upper  
164 100  
162 100.8 85.0 127.6  
160 45.1 38.1 57.1





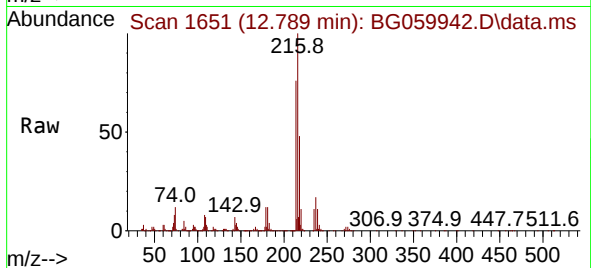
#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 77.168 ng  
RT: 12.789 min Scan# 1651  
Delta R.T. -0.000 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080



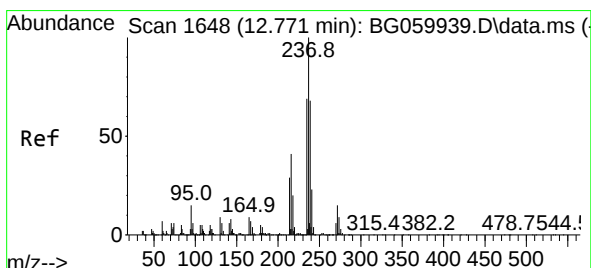
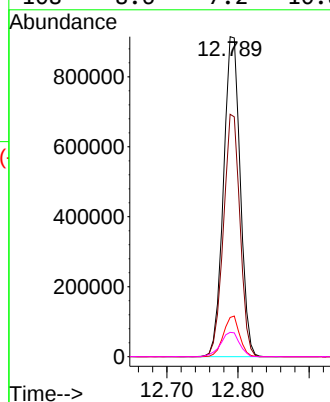
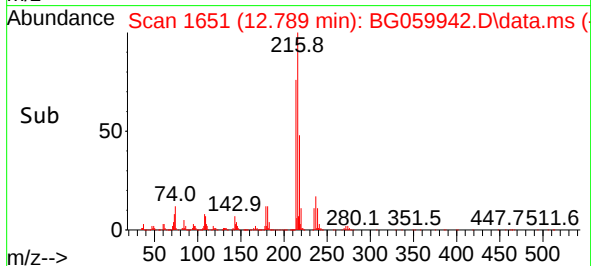
Tgt Ion:216 Resp: 1489684  
Ion Ratio Lower Upper  
216 100  
214 74.6 58.3 87.5  
179 12.2 10.2 15.4  
108 8.6 7.2 10.8

Manual Integrations

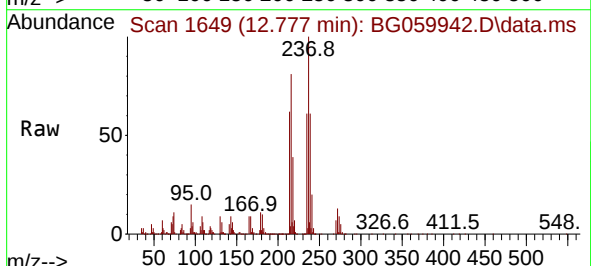
APPROVED

Reviewed By :Yogesh Patel 12/05/2023

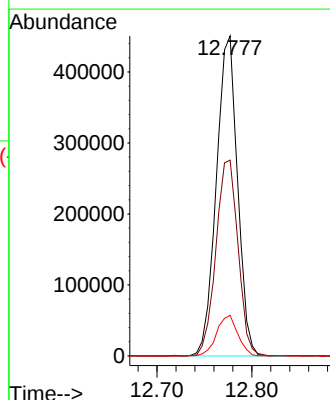
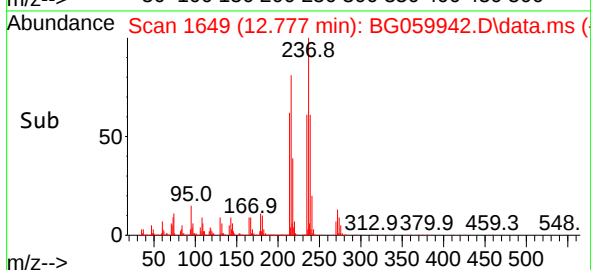
Supervised By :mohammad ahmed 12/06/2023

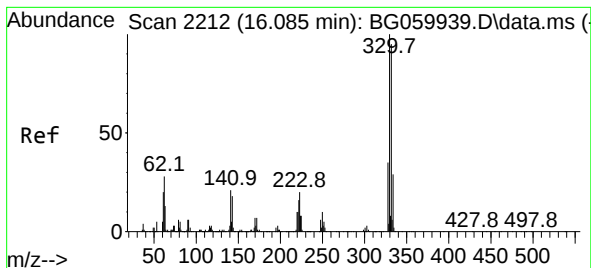


#41  
Hexachlorocyclopentadiene  
Concen: 73.554 ng  
RT: 12.777 min Scan# 1649  
Delta R.T. 0.006 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06



Tgt Ion:237 Resp: 699655  
Ion Ratio Lower Upper  
237 100  
235 61.2 49.4 89.4  
272 12.7 0.0 34.6





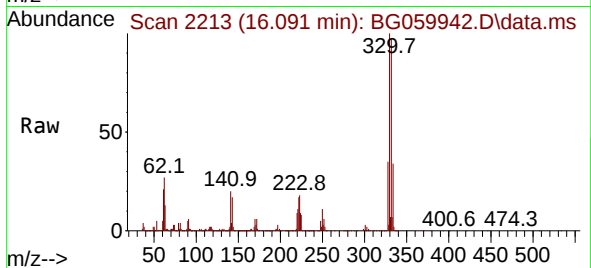
#42  
2,4,6-Tribromophenol  
Concen: 140.854 ng  
RT: 16.091 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

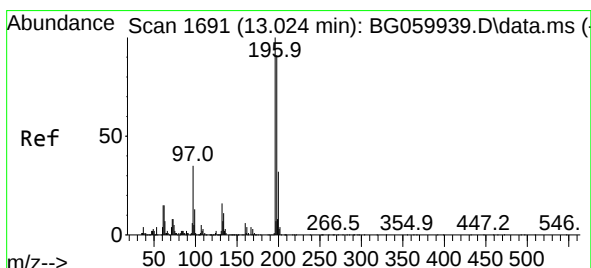
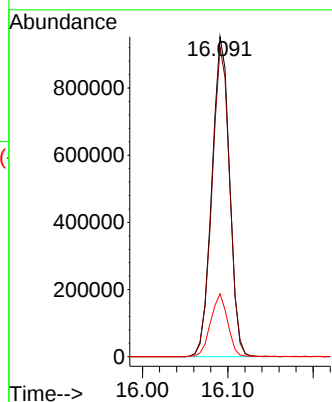
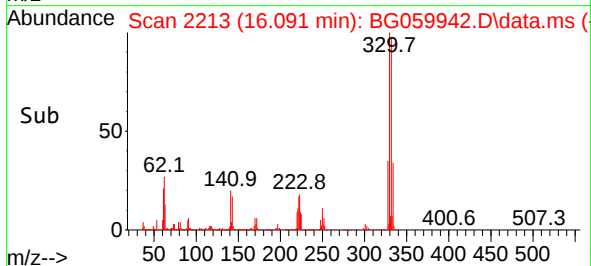


Tgt Ion:330 Resp: 136700  
Ion Ratio Lower Upper  
330 100  
332 97.4 76.5 114.7  
141 19.0 15.0 22.6

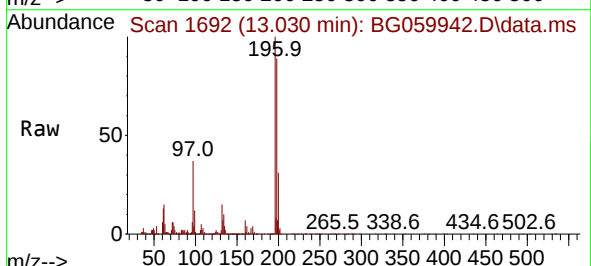
Manual Integrations

APPROVED

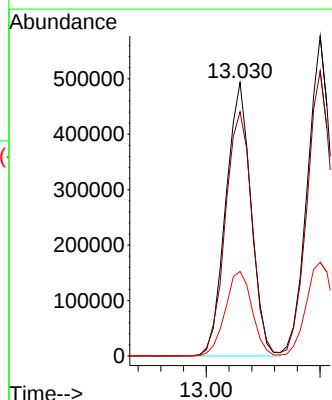
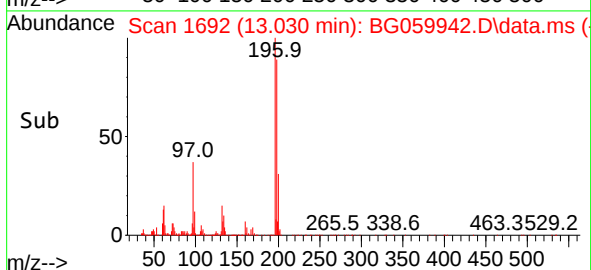
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023

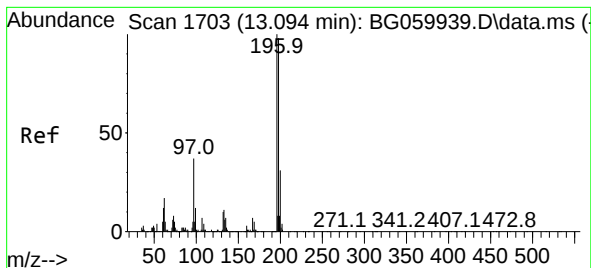


#43  
2,4,6-Trichlorophenol  
Concen: 75.885 ng  
RT: 13.030 min Scan# 1692  
Delta R.T. 0.006 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06



Tgt Ion:196 Resp: 758865  
Ion Ratio Lower Upper  
196 100  
198 89.3 72.6 109.0  
200 30.9 25.6 38.4





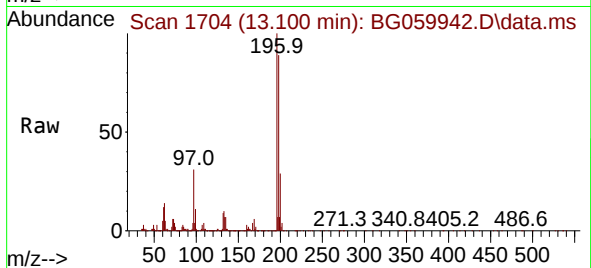
#44  
2,4,5-Trichlorophenol  
Concen: 77.000 ng  
RT: 13.100 min Scan# 1703  
Delta R.T. 0.006 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080



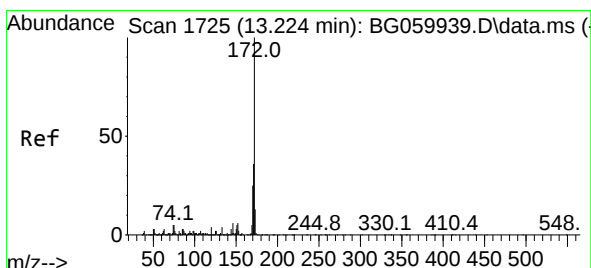
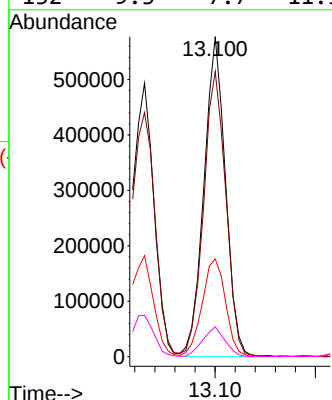
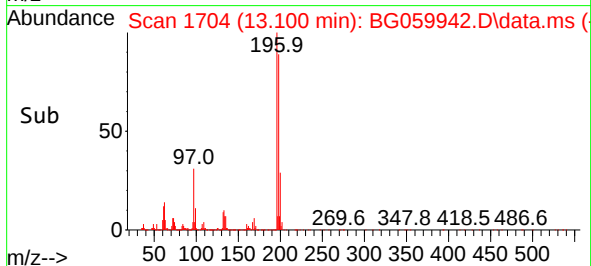
Tgt Ion:196 Resp: 861762  
Ion Ratio Lower Upper  
196 100  
198 89.1 78.3 117.5  
97 30.6 30.2 45.4  
132 9.3 7.7 11.5

Manual Integrations

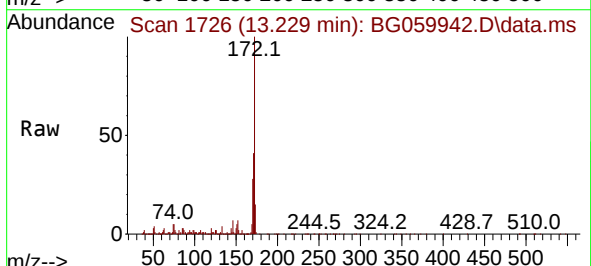
APPROVED

Reviewed By :Yogesh Patel 12/05/2023

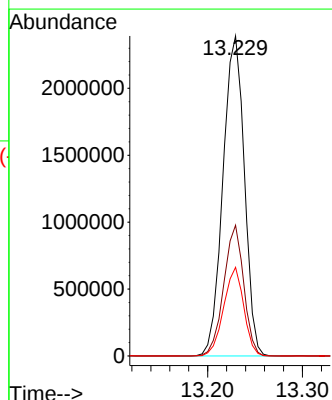
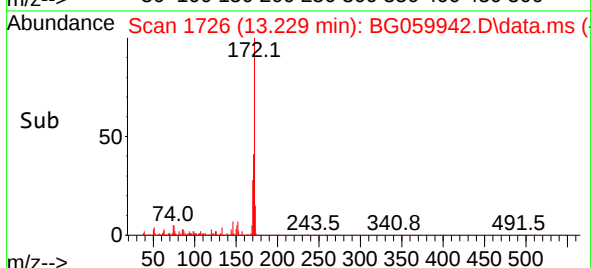
Supervised By :mohammad ahmed 12/06/2023

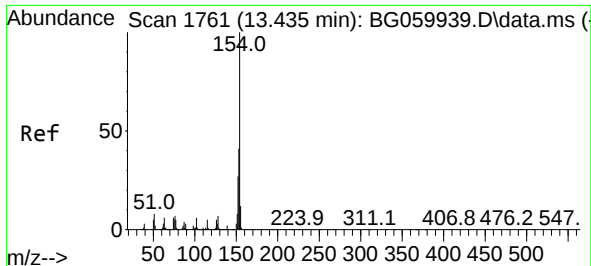


#45  
2-Fluorobiphenyl  
Concen: 142.810 ng  
RT: 13.229 min Scan# 1726  
Delta R.T. 0.006 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06



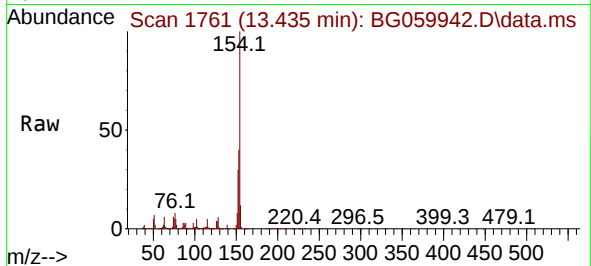
Tgt Ion:172 Resp: 3754125  
Ion Ratio Lower Upper  
172 100  
171 40.8 28.6 43.0  
170 27.7 19.8 29.8





#46  
1,1'-Biphenyl  
Concen: 79.590 ng  
RT: 13.435 min Scan# 1761  
Delta R.T. -0.000 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

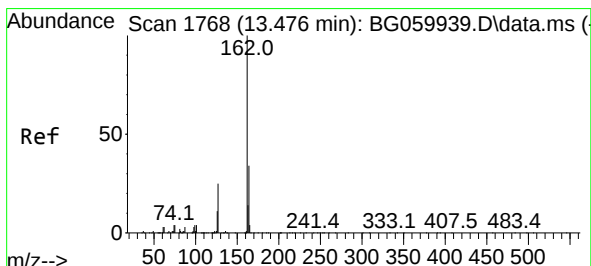
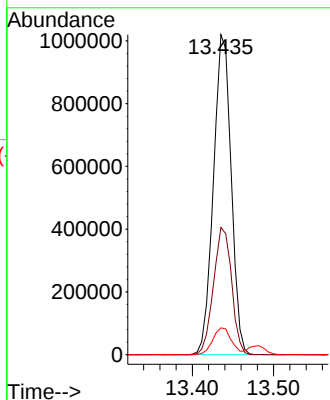
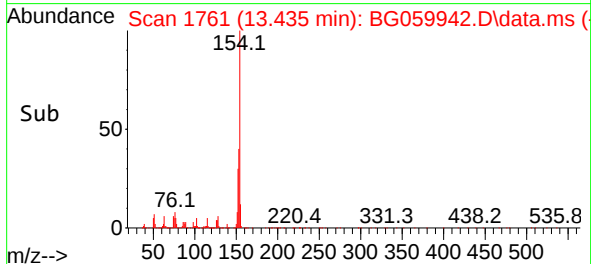
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



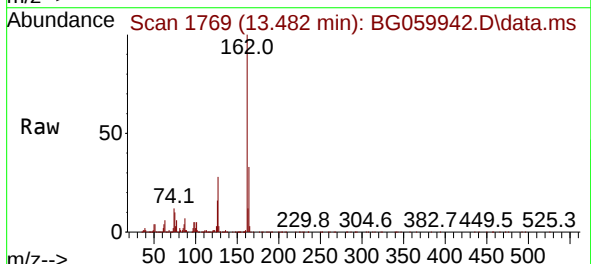
Tgt Ion:154 Resp: 154801  
Ion Ratio Lower Upper  
154 100  
153 39.8 20.8 60.8  
76 8.4 0.0 27.4

Manual Integrations  
APPROVED

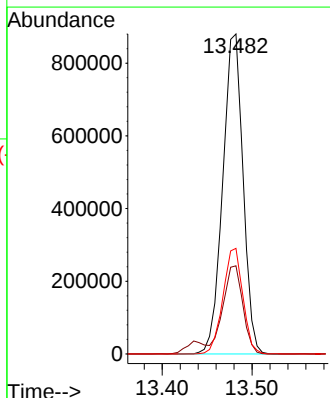
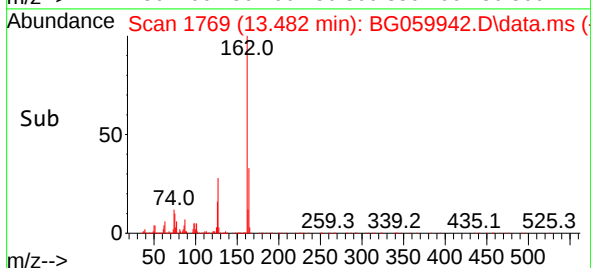
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023

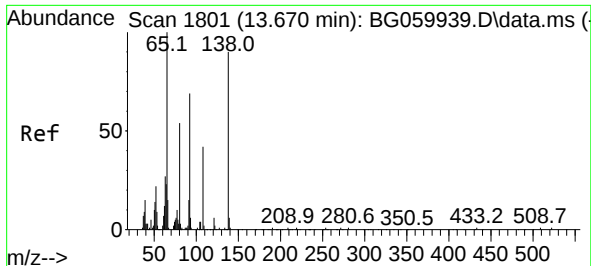


#47  
2-Chloronaphthalene  
Concen: 79.533 ng  
RT: 13.482 min Scan# 1769  
Delta R.T. 0.006 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06



Tgt Ion:162 Resp: 1382247  
Ion Ratio Lower Upper  
162 100  
127 27.6 22.6 33.8  
164 33.0 27.4 41.0





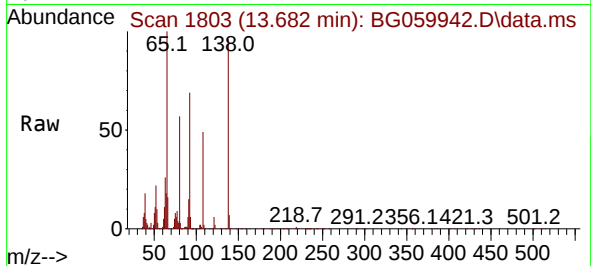
#48  
2-Nitroaniline  
Concen: 80.845 ng  
RT: 13.682 min Scan# 1803  
Delta R.T. 0.012 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080



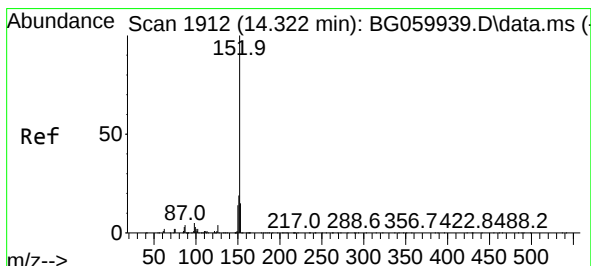
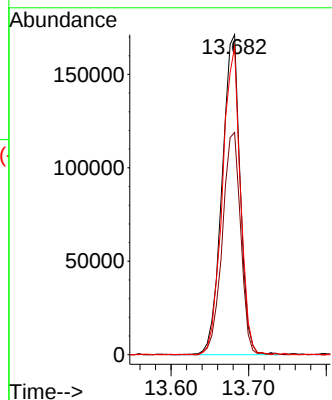
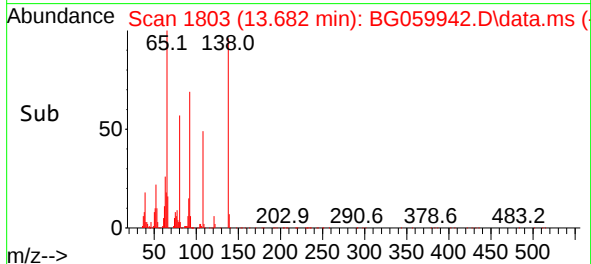
Tgt Ion: 65 Resp: 279418  
Ion Ratio Lower Upper  
65 100  
92 69.5 55.4 83.2  
138 96.2 71.8 107.6

Manual Integrations

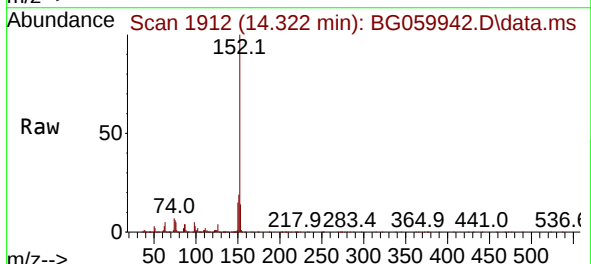
APPROVED

Reviewed By :Yogesh Patel 12/05/2023

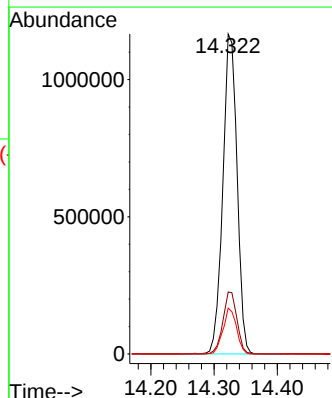
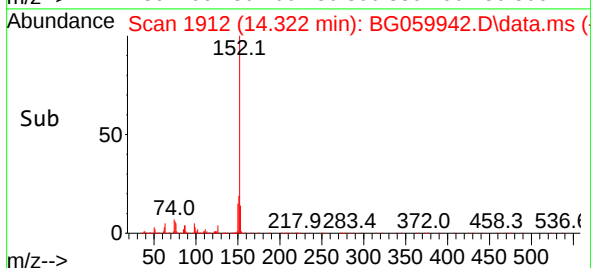
Supervised By :mohammad ahmed 12/06/2023

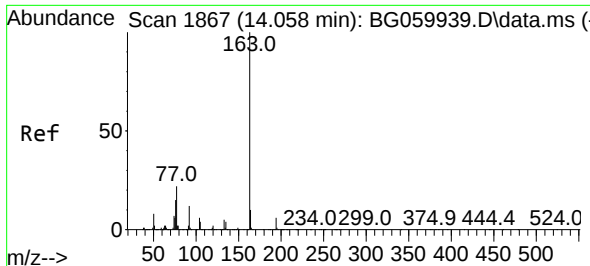


#49  
Acenaphthylene  
Concen: 81.065 ng  
RT: 14.322 min Scan# 1912  
Delta R.T. -0.000 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06



Tgt Ion:152 Resp: 1825049  
Ion Ratio Lower Upper  
152 100  
151 19.3 15.3 22.9  
153 14.3 11.7 17.5





#50  
Dimethylphthalate  
Concen: 77.185 ng  
RT: 14.064 min Scan# 1867  
Delta R.T. 0.006 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

Instrument :

BNA\_G

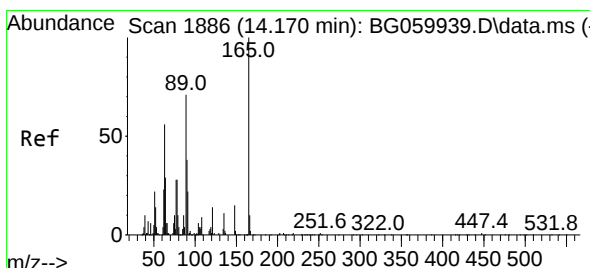
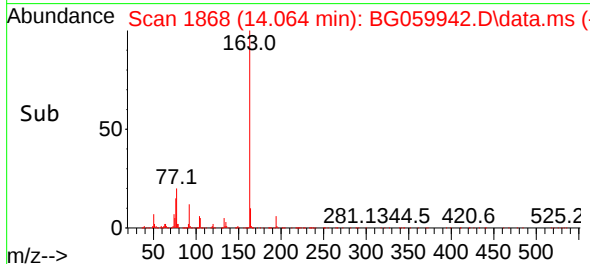
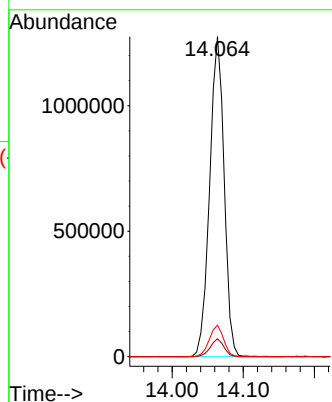
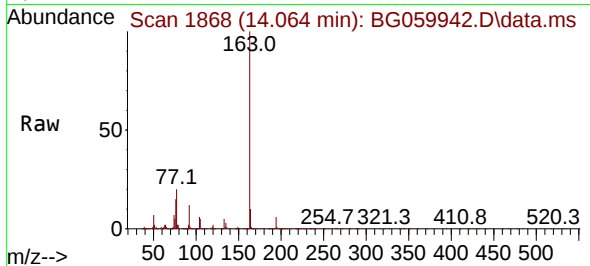
ClientSampleId :

SSTDICC080

Tgt Ion:163 Resp: 180795  
Ion Ratio Lower Upper  
163 100  
194 5.6 4.6 7.0  
164 9.8 8.1 12.1

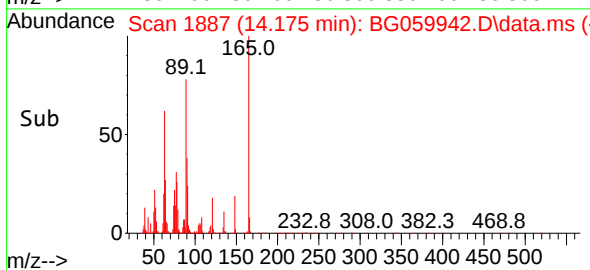
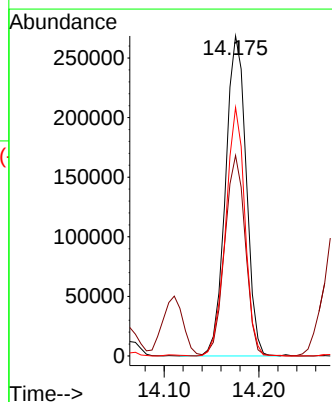
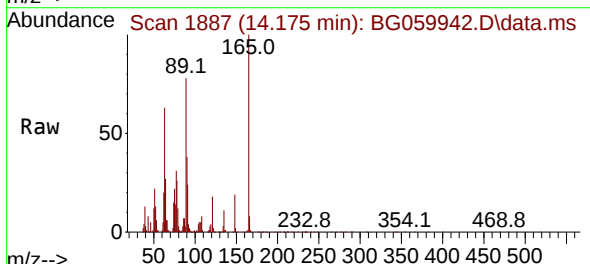
Manual Integrations  
APPROVED

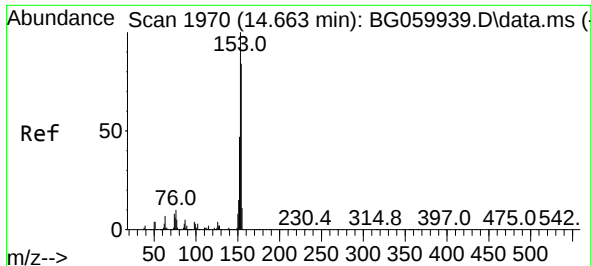
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023



#51  
2,6-Dinitrotoluene  
Concen: 81.067 ng  
RT: 14.175 min Scan# 1887  
Delta R.T. 0.006 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

Tgt Ion:165 Resp: 405686  
Ion Ratio Lower Upper  
165 100  
63 62.6 47.2 70.8  
89 77.6 57.1 85.7





#52  
Acenaphthene  
Concen: 80.035 ng m  
RT: 14.669 min Scan# 1970  
Delta R.T. 0.006 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

Instrument :

BNA\_G

ClientSampleId :

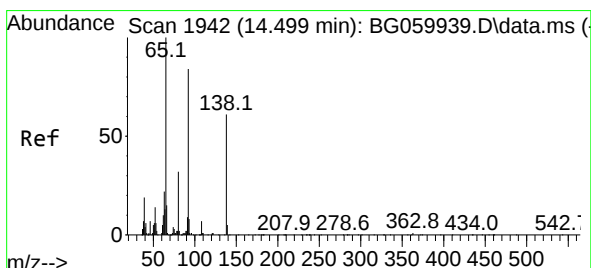
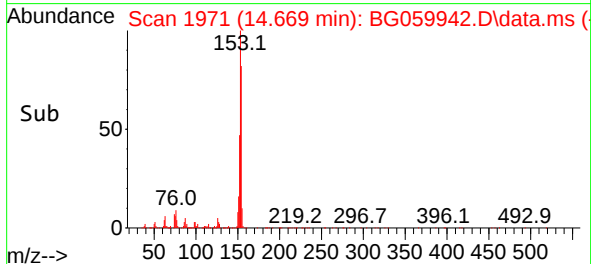
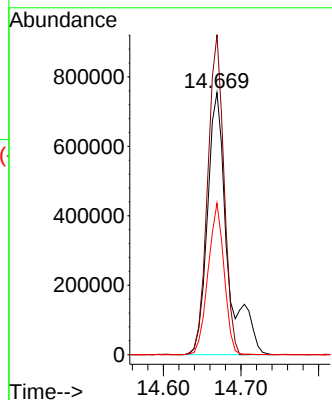
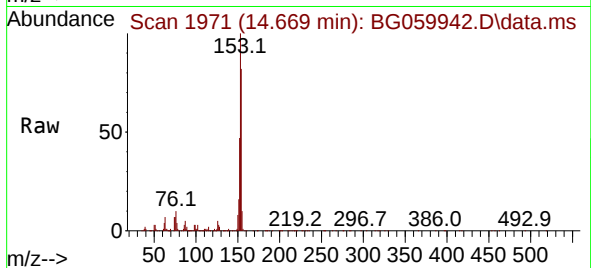
SSTDICC080

Tgt Ion:154 Resp: 1350699  
Ion Ratio Lower Upper  
154 100  
153 122.1 95.8 143.6  
152 57.8 45.0 67.4

Manual Integrations

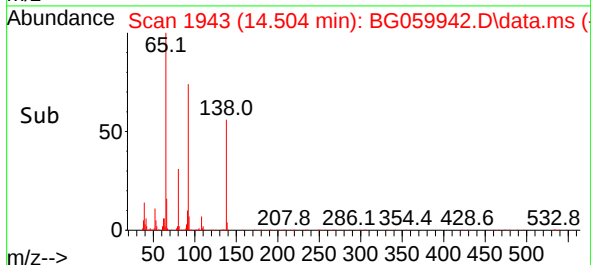
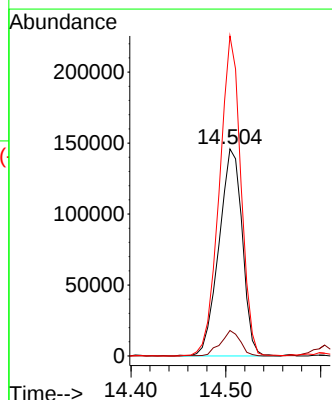
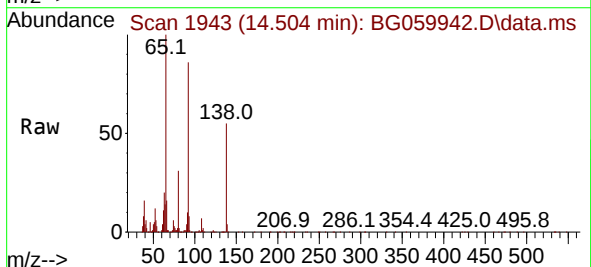
APPROVED

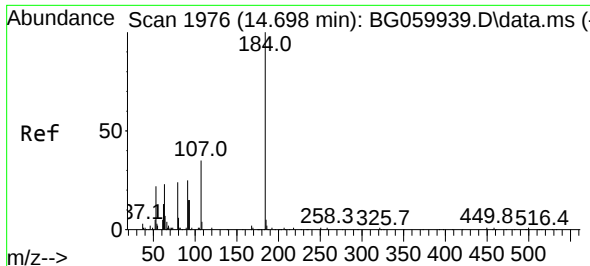
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023



#53  
3-Nitroaniline  
Concen: 83.222 ng  
RT: 14.504 min Scan# 1943  
Delta R.T. 0.006 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

Tgt Ion:138 Resp: 249215  
Ion Ratio Lower Upper  
138 100  
108 12.3 9.6 14.4  
92 154.5 109.8 164.6





#54  
2,4-Dinitrophenol  
Concen: 89.148 ng  
RT: 14.704 min Scan# 1976  
Delta R.T. 0.006 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

Instrument :

BNA\_G

ClientSampleId :

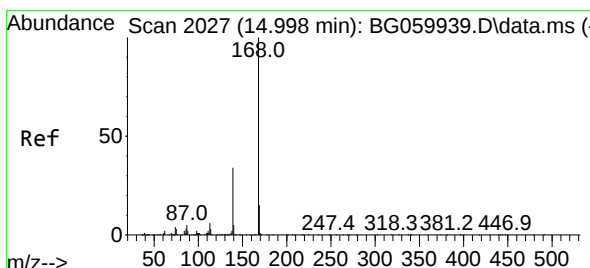
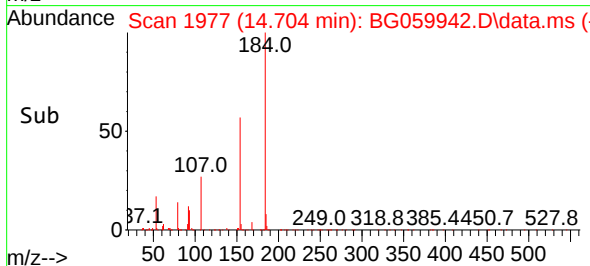
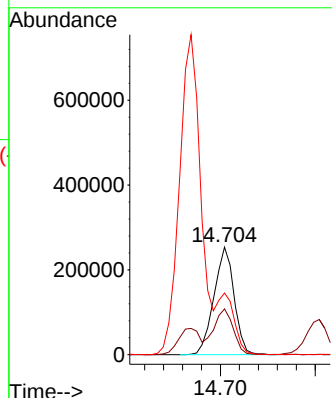
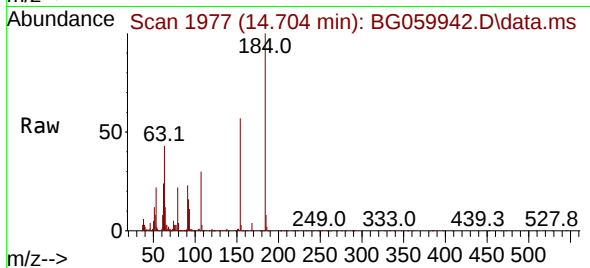
SSTDICC080

Tgt Ion:184 Resp: 37465  
Ion Ratio Lower Upper  
184 100  
63 42.5 38.2 57.4  
154 57.3 52.6 78.8

Manual Integrations

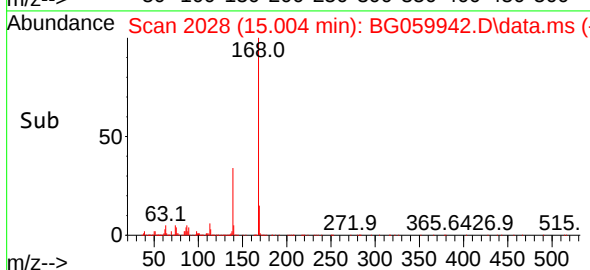
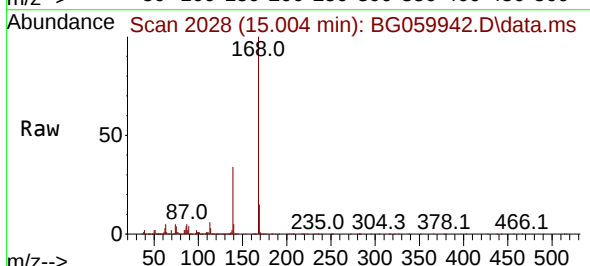
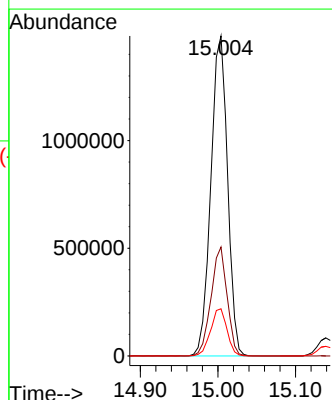
APPROVED

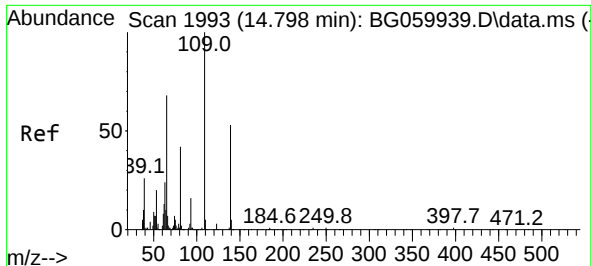
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023



#55  
Dibenzofuran  
Concen: 74.743 ng  
RT: 15.004 min Scan# 2028  
Delta R.T. 0.006 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

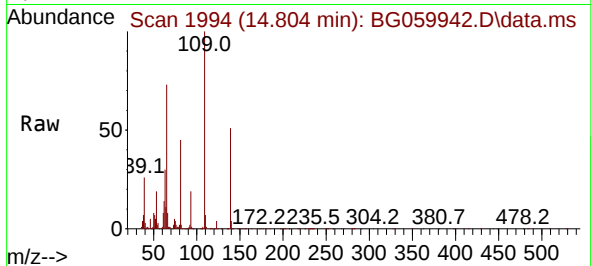
Tgt Ion:168 Resp: 2219555  
Ion Ratio Lower Upper  
168 100  
139 34.1 27.0 40.6  
169 14.8 11.6 17.4





#56  
4-Nitrophenol  
Concen: 90.008 ng  
RT: 14.804 min Scan# 1994  
Delta R.T. 0.006 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

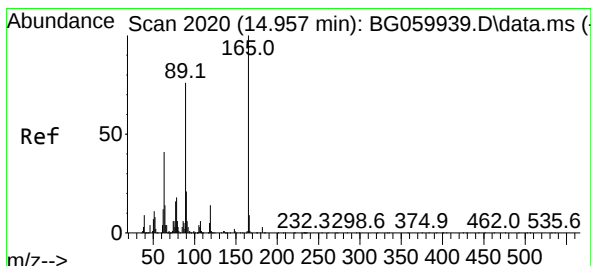
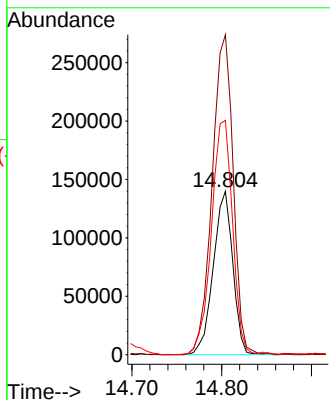
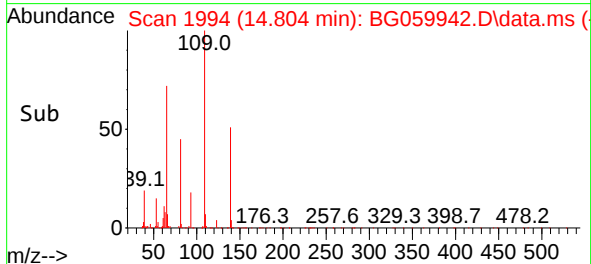
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



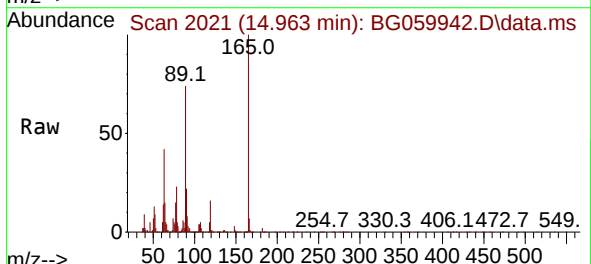
Tgt Ion:139 Resp: 211204  
Ion Ratio Lower Upper  
139 100  
109 195.9 167.9 207.9  
65 143.5 108.1 148.1

Manual Integrations  
APPROVED

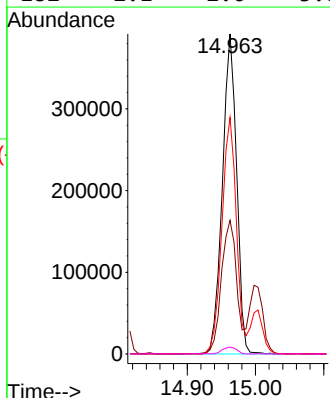
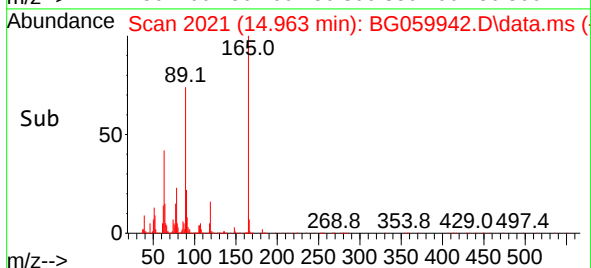
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023

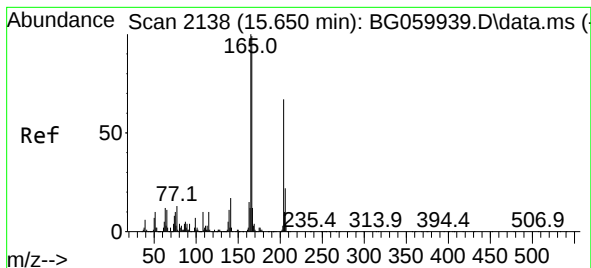


#57  
2,4-Dinitrotoluene  
Concen: 76.731 ng  
RT: 14.963 min Scan# 2021  
Delta R.T. 0.006 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06



Tgt Ion:165 Resp: 569834  
Ion Ratio Lower Upper  
165 100  
63 41.7 32.8 49.2  
89 73.9 60.6 90.8  
182 2.1 2.6 3.8#





#58

Fluorene

Concen: 73.348 ng

RT: 15.650 min Scan# 2138

Delta R.T. -0.000 min

Lab File: BG059942.D

Acq: 4 Dec 2023 22:06

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

Tgt Ion:166 Resp: 1917354

Ion Ratio Lower Upper

166 100

165 100.8 80.6 121.0

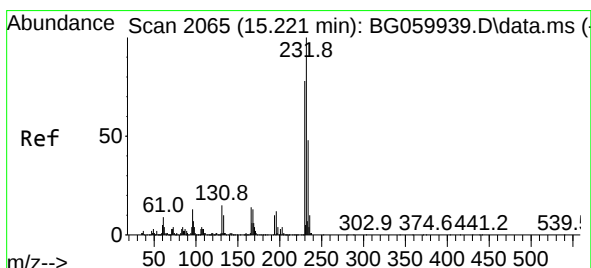
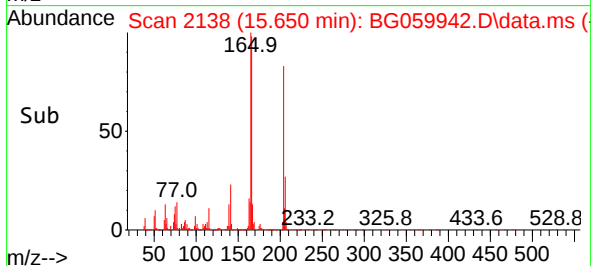
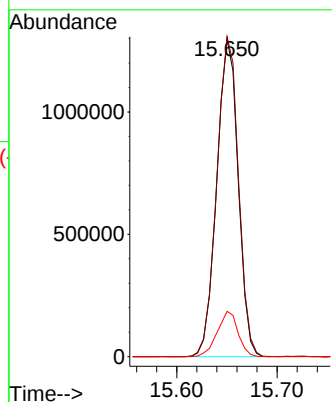
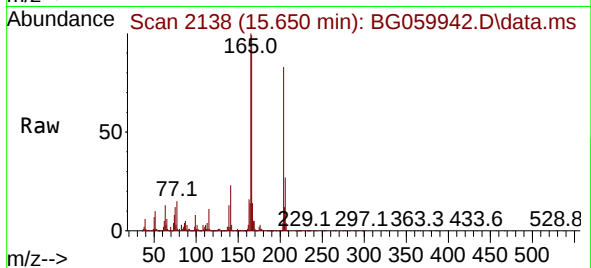
167 14.3 9.9 14.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/05/2023

Supervised By :mohammad ahmed 12/06/2023



#59

2,3,4,6-Tetrachlorophenol

Concen: 75.285 ng

RT: 15.221 min Scan# 2065

Delta R.T. -0.000 min

Lab File: BG059942.D

Acq: 4 Dec 2023 22:06

Tgt Ion:232 Resp: 1009639

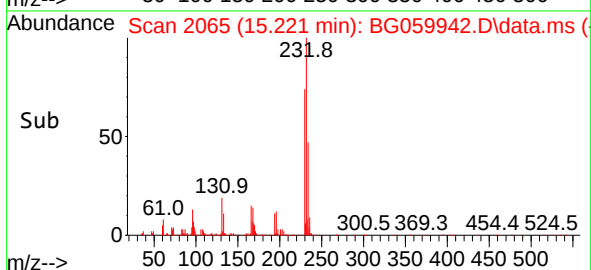
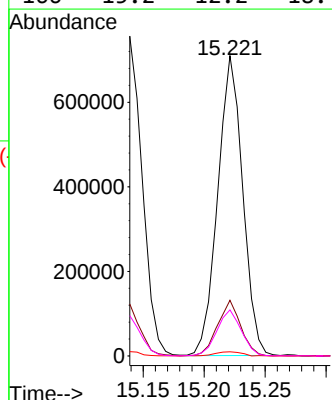
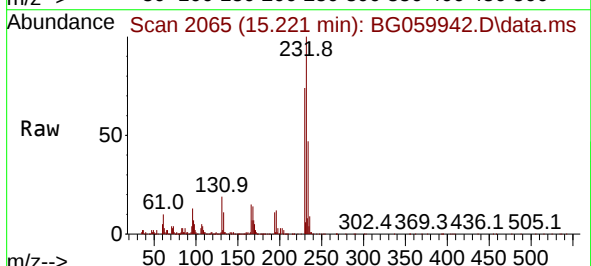
Ion Ratio Lower Upper

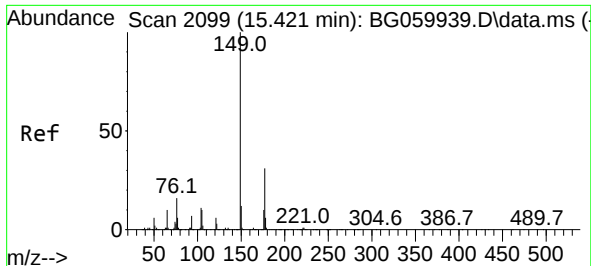
232 100

131 17.3 14.8 22.2

130 1.5 1.2 1.8

166 15.2 12.2 18.4





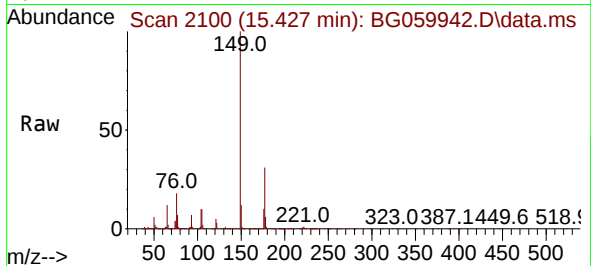
#60  
Diethylphthalate  
Concen: 79.450 ng  
RT: 15.427 min Scan# 2100  
Delta R.T. 0.006 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080



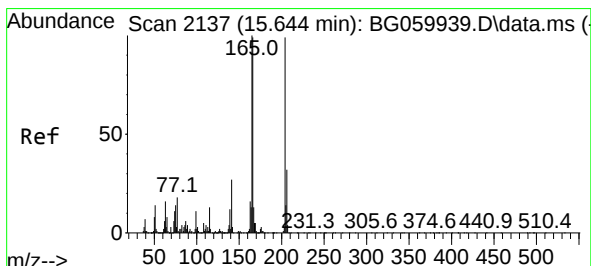
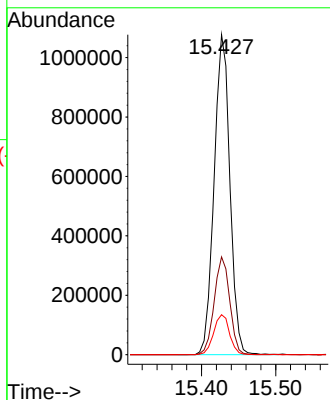
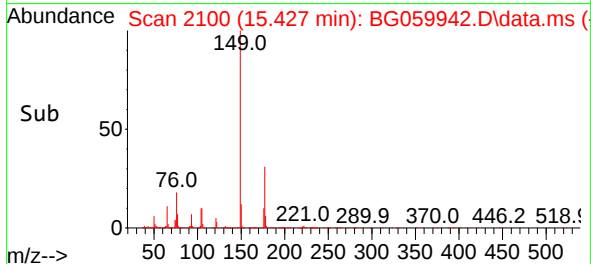
Tgt Ion:149 Resp: 1589520  
Ion Ratio Lower Upper  
149 100  
177 30.5 24.6 37.0  
150 12.5 9.6 14.4

Manual Integrations

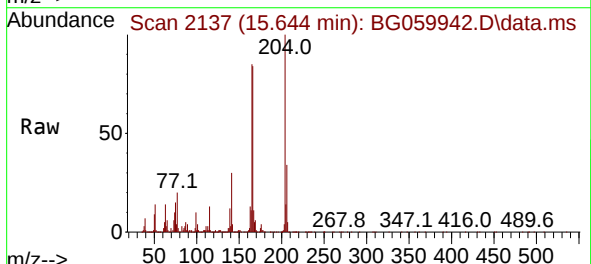
APPROVED

Reviewed By :Yogesh Patel 12/05/2023

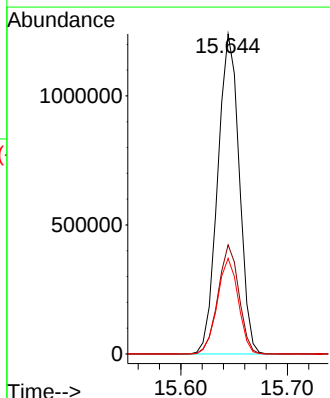
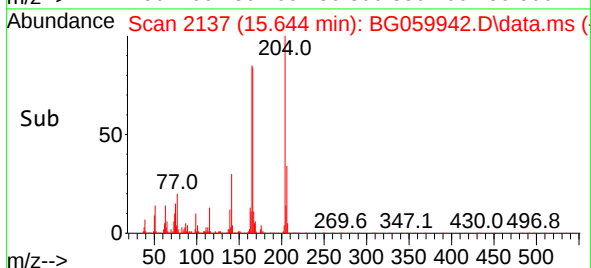
Supervised By :mohammad ahmed 12/06/2023

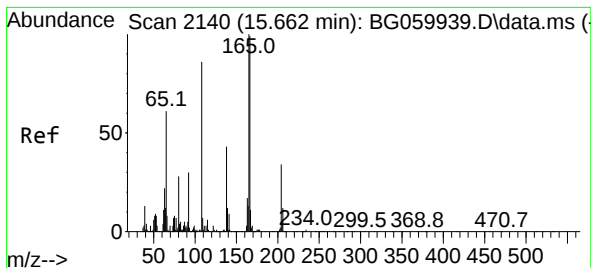


#61  
4-Chlorophenyl-phenylether  
Concen: 74.862 ng  
RT: 15.644 min Scan# 2137  
Delta R.T. -0.000 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06



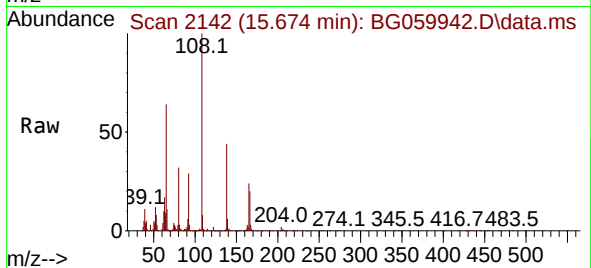
Tgt Ion:204 Resp: 1734428  
Ion Ratio Lower Upper  
204 100  
206 34.1 25.8 38.8  
141 29.8 21.4 32.2





#62  
4-Nitroaniline  
Concen: 76.786 ng  
RT: 15.674 min Scan# 2140  
Delta R.T. 0.012 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

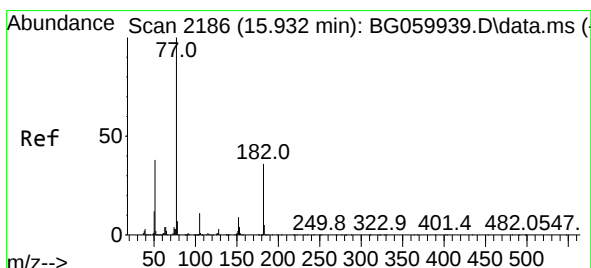
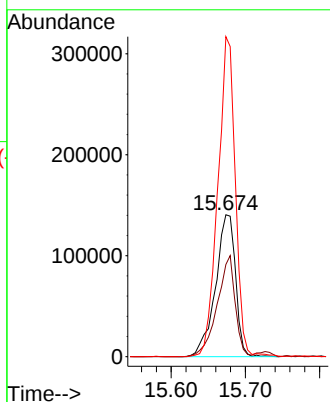
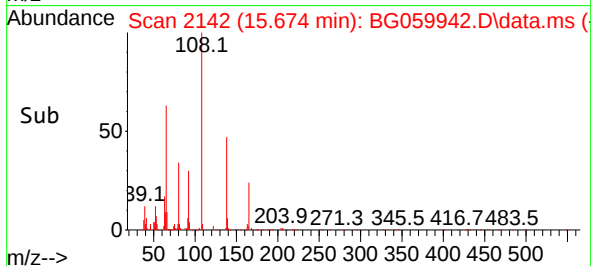
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:138 Resp: 263334  
Ion Ratio Lower Upper  
138 100  
92 64.9 50.8 90.8  
108 225.4 181.0 221.0

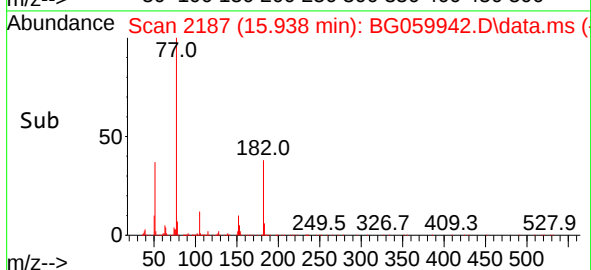
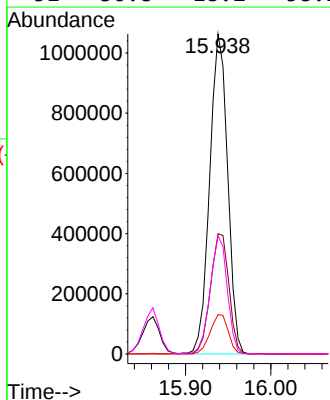
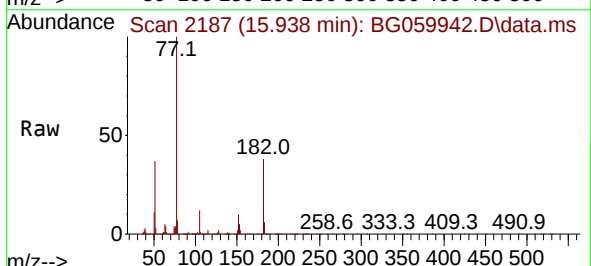
Manual Integrations  
APPROVED

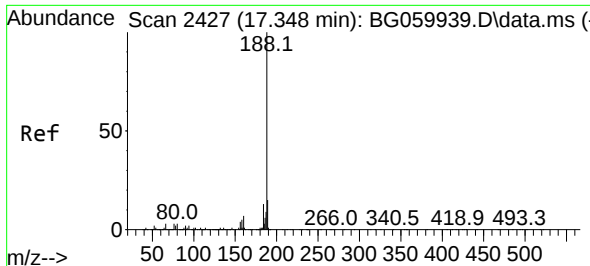
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023



#63  
Azobenzene  
Concen: 76.053 ng  
RT: 15.938 min Scan# 2187  
Delta R.T. 0.006 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

Tgt Ion: 77 Resp: 1555616  
Ion Ratio Lower Upper  
77 100  
182 37.6 15.7 55.7  
105 12.3 0.0 31.5  
51 36.8 18.2 58.2





#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.348 min Scan# 2427  
Delta R.T. -0.000 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

Instrument :

BNA\_G

ClientSampleId :

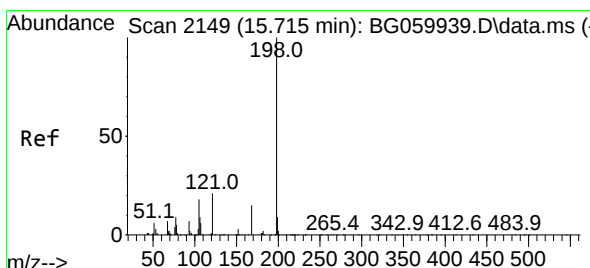
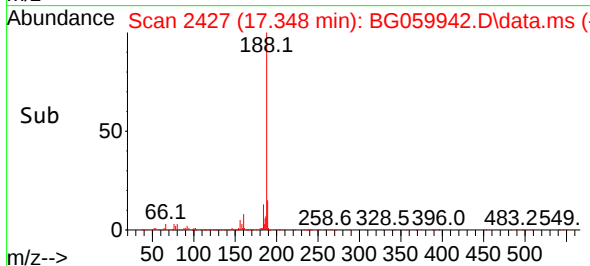
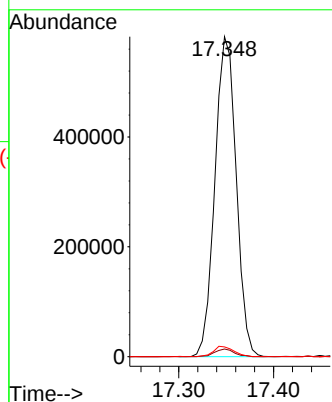
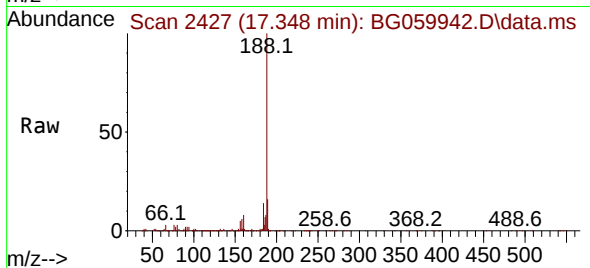
SSTDICC080

Tgt Ion:188 Resp: 910089  
Ion Ratio Lower Upper  
188 100  
94 2.4 1.8 2.6  
80 3.1 2.2 3.4

Manual Integrations

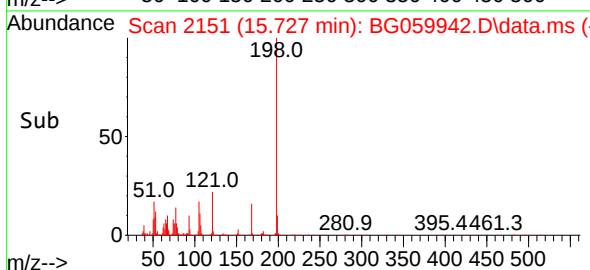
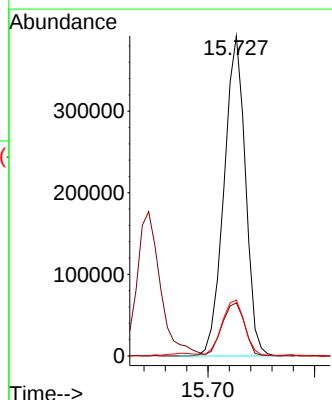
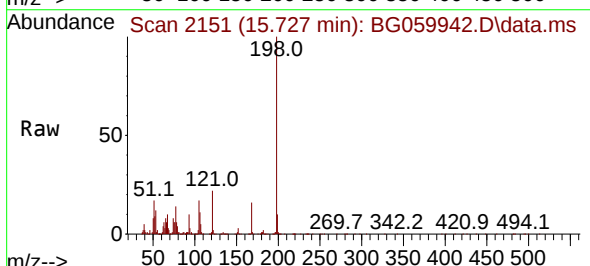
APPROVED

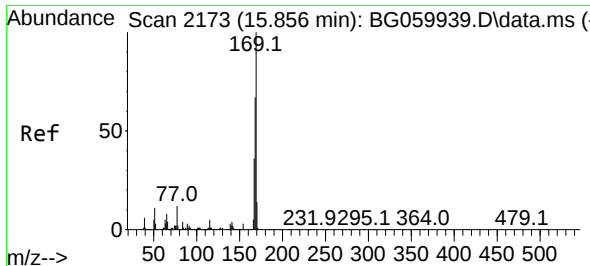
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023



#65  
4,6-Dinitro-2-methylphenol  
Concen: 78.557 ng  
RT: 15.727 min Scan# 2151  
Delta R.T. 0.012 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

Tgt Ion:198 Resp: 546015  
Ion Ratio Lower Upper  
198 100  
51 16.6 0.0 34.4  
105 17.5 0.0 39.0





#66  
n-Nitrosodiphenylamine  
Concen: 84.215 ng  
RT: 15.862 min Scan# 2173  
Delta R.T. 0.006 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

Instrument :

BNA\_G

ClientSampleId :

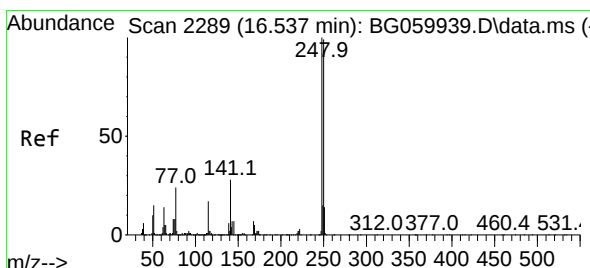
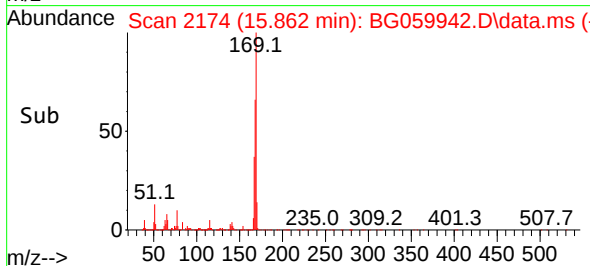
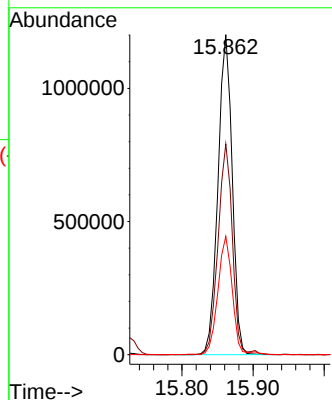
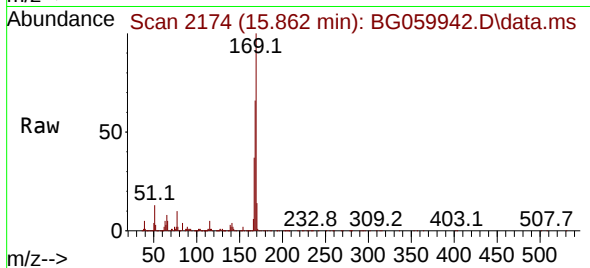
SSTDICC080

Tgt Ion:169 Resp: 1664360  
Ion Ratio Lower Upper  
169 100  
168 65.8 53.5 80.3  
167 36.9 29.2 43.8

Manual Integrations

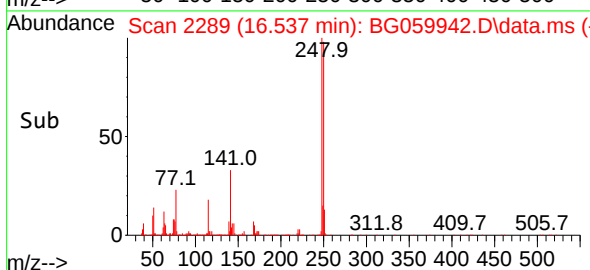
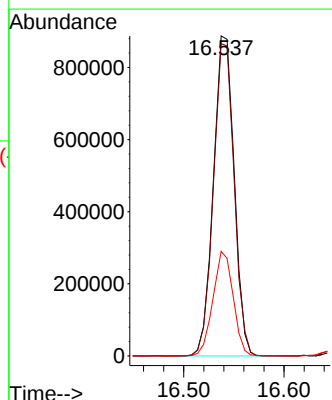
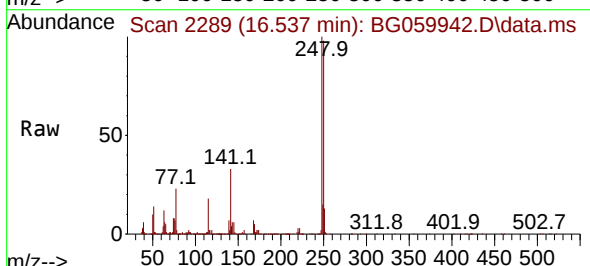
APPROVED

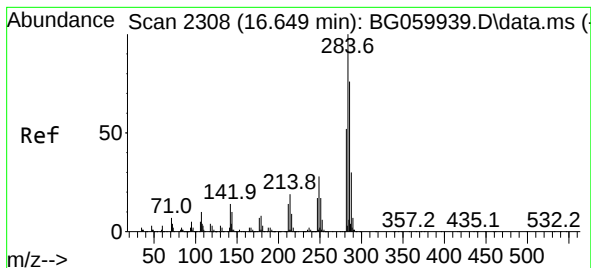
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023



#67  
4-Bromophenyl-phenylether  
Concen: 73.506 ng  
RT: 16.537 min Scan# 2289  
Delta R.T. -0.000 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

Tgt Ion:248 Resp: 1276588  
Ion Ratio Lower Upper  
248 100  
250 97.6 79.0 118.4  
141 32.7 22.3 33.5





#68

Hexachlorobenzene

Concen: 74.555 ng

RT: 16.655 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG059942.D

Acq: 4 Dec 2023 22:06

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

Tgt Ion:284 Resp: 143820

Ion Ratio Lower Upper

284 100

142 15.1 11.4 17.0

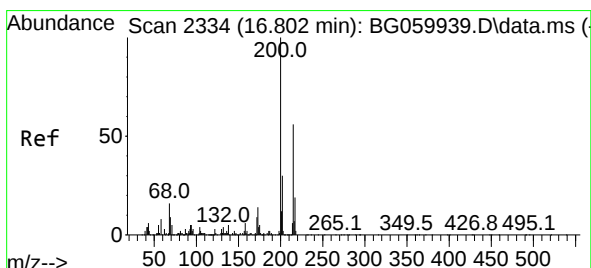
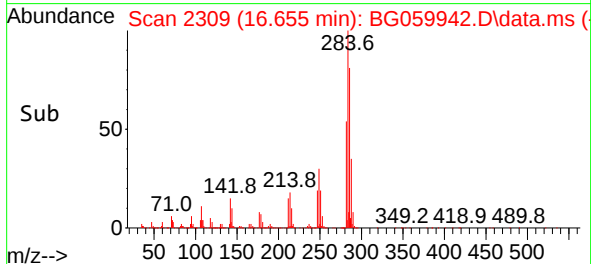
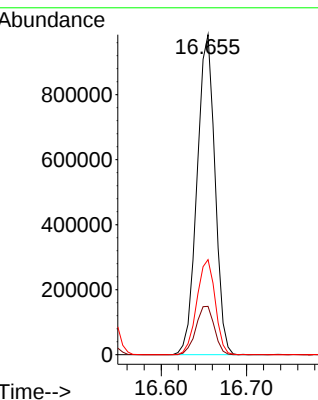
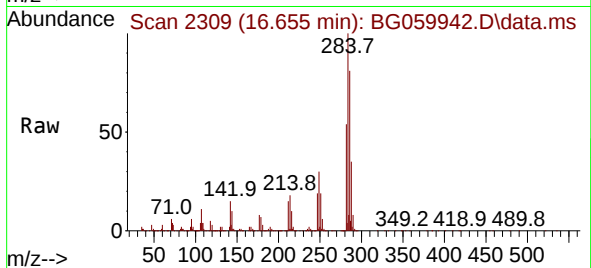
249 29.7 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/05/2023

Supervised By :mohammad ahmed 12/06/2023



#69

Atrazine

Concen: 66.124 ng

RT: 16.808 min Scan# 2335

Delta R.T. 0.006 min

Lab File: BG059942.D

Acq: 4 Dec 2023 22:06

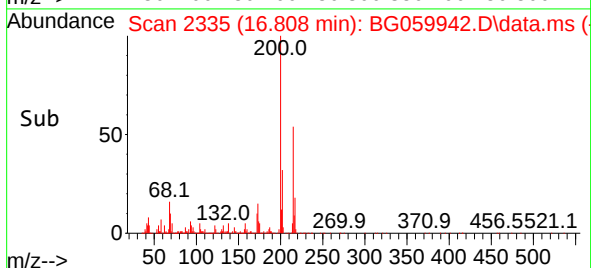
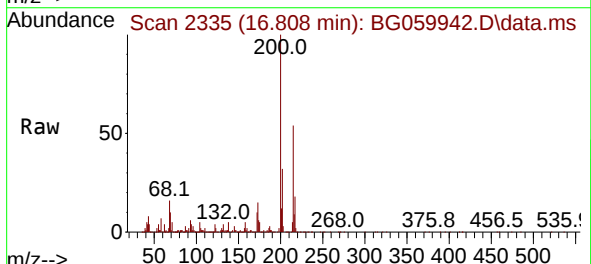
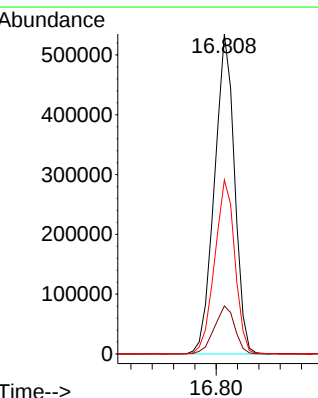
Tgt Ion:200 Resp: 701158

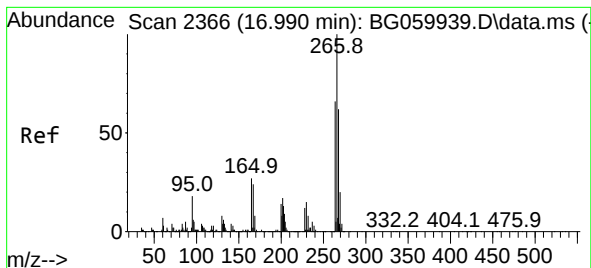
Ion Ratio Lower Upper

200 100

173 15.0 0.0 34.0

215 54.4 36.5 76.5





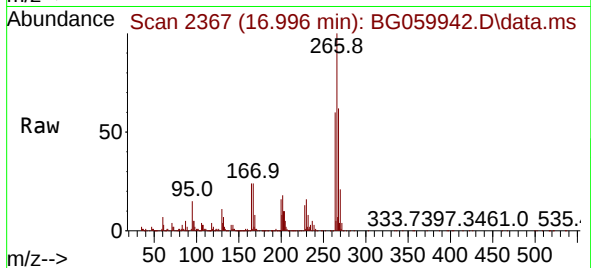
#70  
Pentachlorophenol  
Concen: 76.042 ng  
RT: 16.996 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080



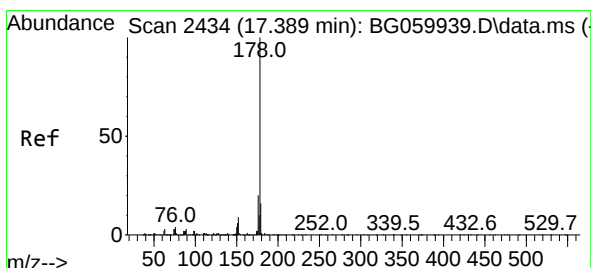
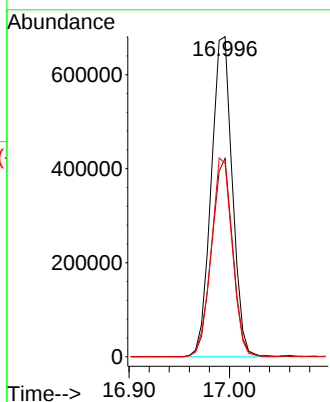
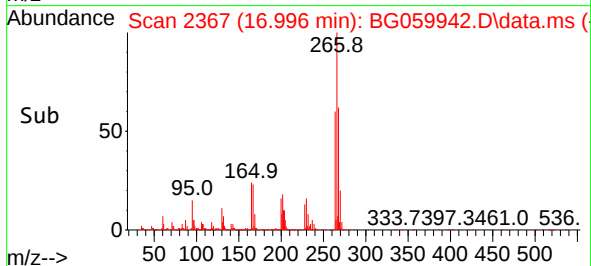
Tgt Ion:266 Resp: 992400  
Ion Ratio Lower Upper  
266 100  
268 61.9 49.3 73.9  
264 60.5 53.2 79.8

Manual Integrations

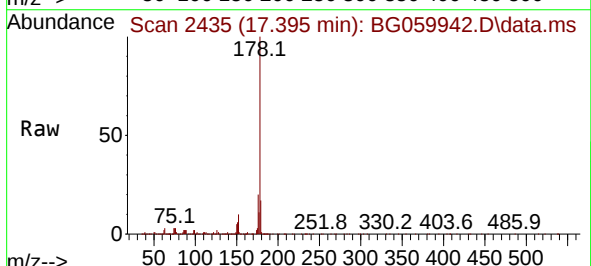
APPROVED

Reviewed By :Yogesh Patel 12/05/2023

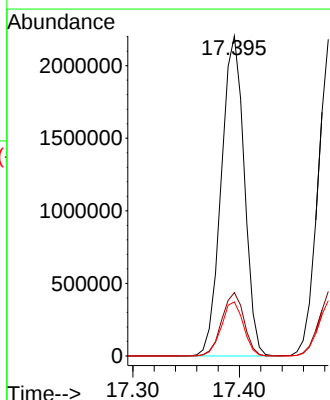
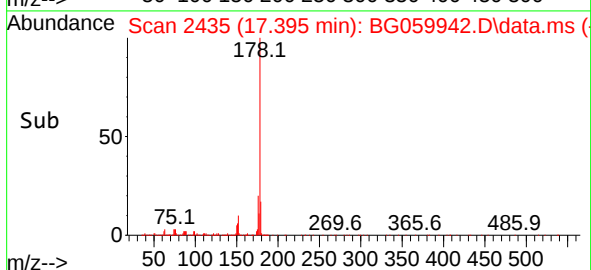
Supervised By :mohammad ahmed 12/06/2023

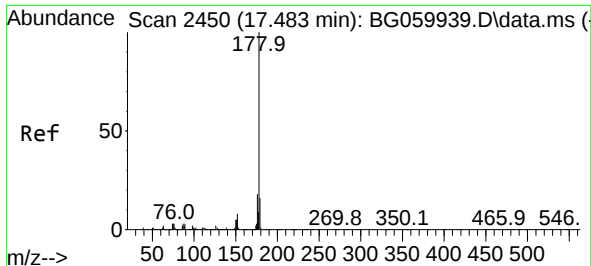


#71  
Phenanthrene  
Concen: 77.166 ng  
RT: 17.395 min Scan# 2435  
Delta R.T. 0.006 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06



Tgt Ion:178 Resp: 3292297  
Ion Ratio Lower Upper  
178 100  
176 19.8 15.8 23.8  
179 16.9 12.6 19.0





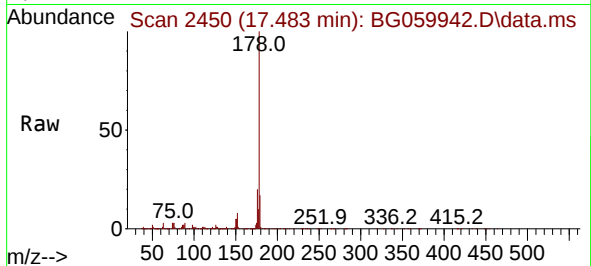
#72  
 Anthracene  
 Concen: 76.557 ng  
 RT: 17.483 min Scan# 2450  
 Delta R.T. -0.000 min  
 Lab File: BG059942.D  
 Acq: 4 Dec 2023 22:06

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

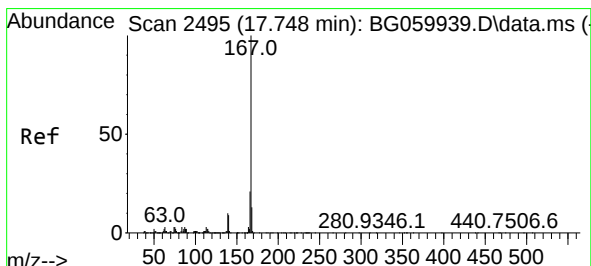
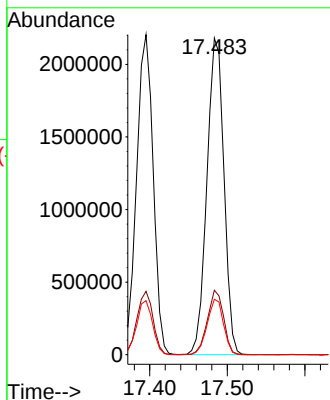
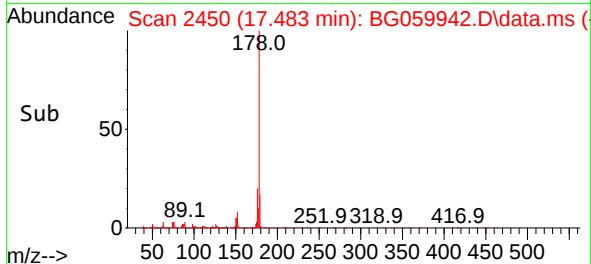


Tgt Ion:178 Resp: 3326350  
 Ion Ratio Lower Upper  
 178 100  
 176 20.4 14.7 22.1  
 179 17.5 13.2 19.8

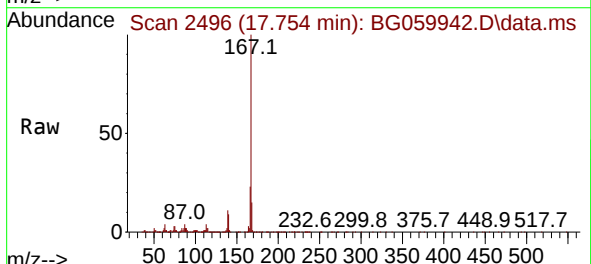
Manual Integrations

APPROVED

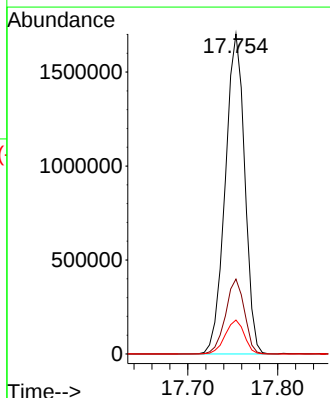
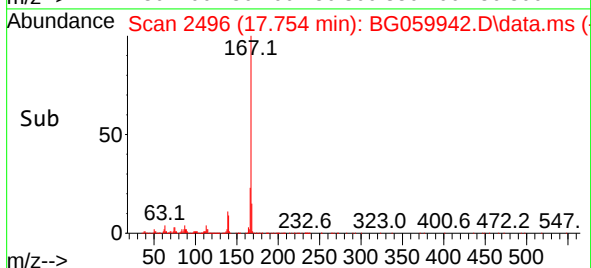
Reviewed By :Yogesh Patel 12/05/2023  
 Supervised By :mohammad ahmed 12/06/2023

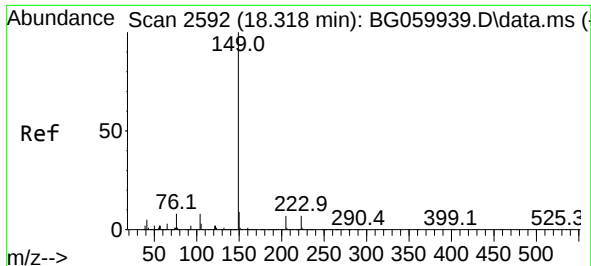


#73  
 Carbazole  
 Concen: 80.160 ng  
 RT: 17.754 min Scan# 2496  
 Delta R.T. 0.006 min  
 Lab File: BG059942.D  
 Acq: 4 Dec 2023 22:06



Tgt Ion:167 Resp: 2562507  
 Ion Ratio Lower Upper  
 167 100  
 166 23.4 16.7 25.1  
 139 10.6 8.0 12.0





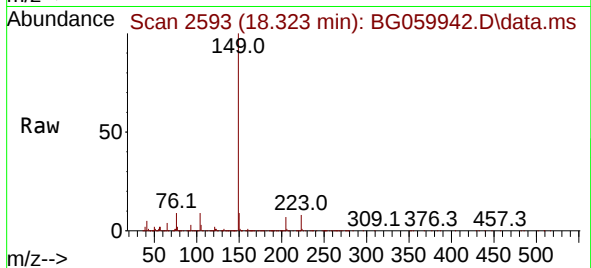
#74  
Di-n-butylphthalate  
Concen: 84.716 ng  
RT: 18.323 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080



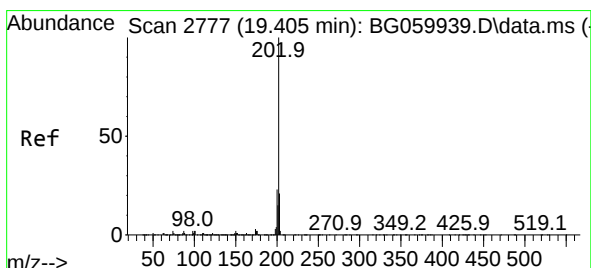
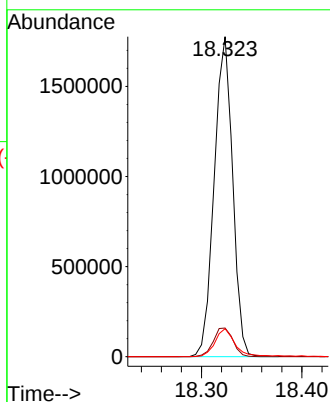
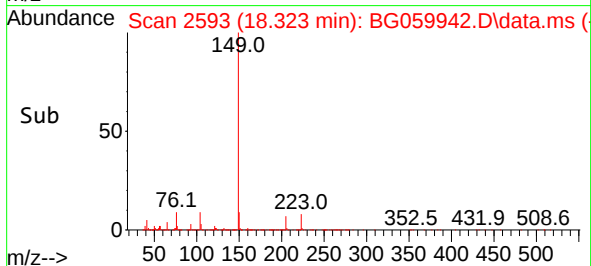
Tgt Ion:149 Resp: 225830  
Ion Ratio Lower Upper  
149 100  
150 9.0 7.4 11.0  
104 8.8 6.2 9.2

Manual Integrations

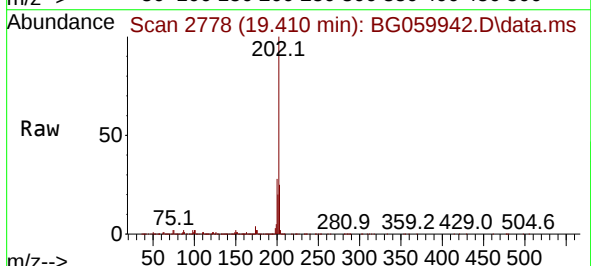
APPROVED

Reviewed By :Yogesh Patel 12/05/2023

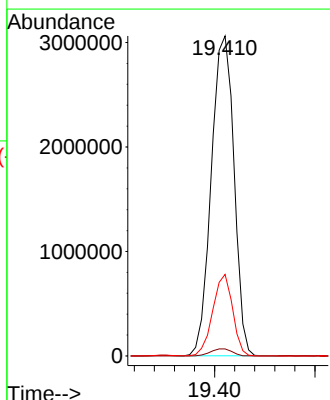
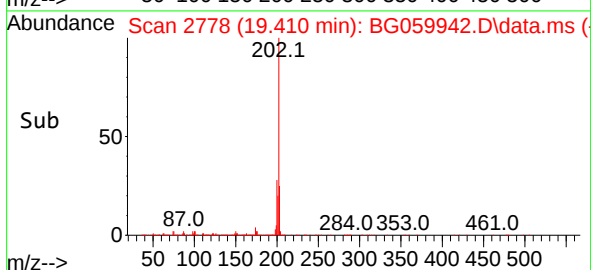
Supervised By :mohammad ahmed 12/06/2023

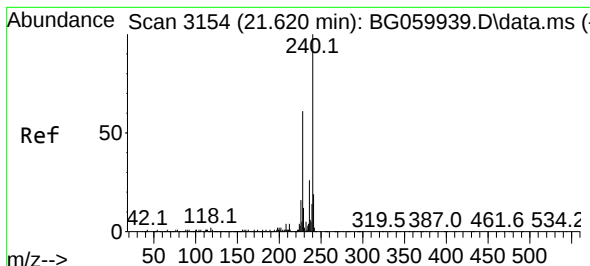


#75  
Fluoranthene  
Concen: 66.366 ng  
RT: 19.410 min Scan# 2778  
Delta R.T. 0.006 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06



Tgt Ion:202 Resp: 4810541  
Ion Ratio Lower Upper  
202 100  
101 2.2 0.0 21.6  
203 25.5 0.9 40.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.625 min Scan# 3154

Delta R.T. 0.006 min

Lab File: BG059942.D

Acq: 4 Dec 2023 22:06

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

Tgt Ion:240 Resp: 138477

Ion Ratio Lower Upper

240 100

120 1.5 1.0 1.4

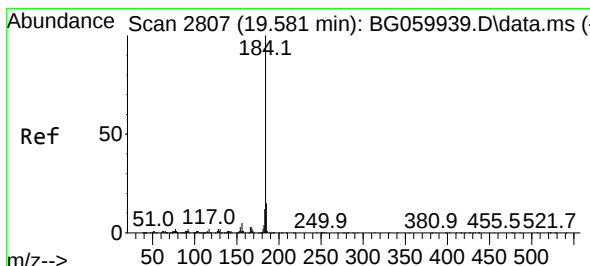
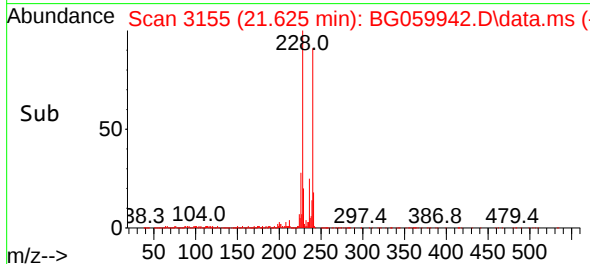
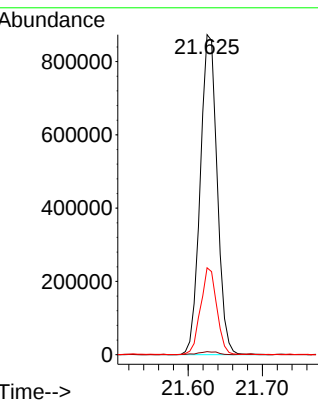
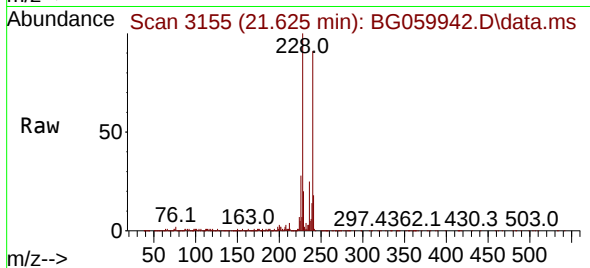
236 27.1 20.8 31.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/05/2023

Supervised By :mohammad ahmed 12/06/2023



#77

Benzidine

Concen: 53.985 ng

RT: 19.587 min Scan# 2808

Delta R.T. 0.006 min

Lab File: BG059942.D

Acq: 4 Dec 2023 22:06

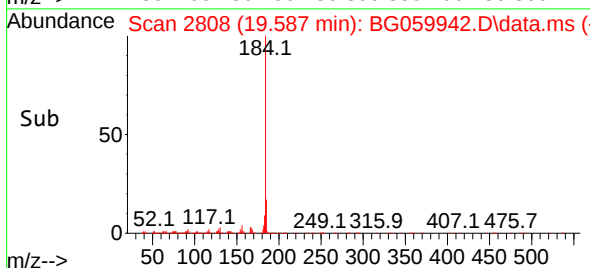
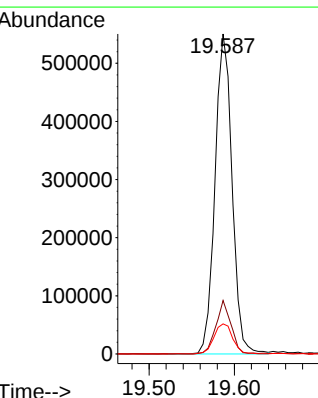
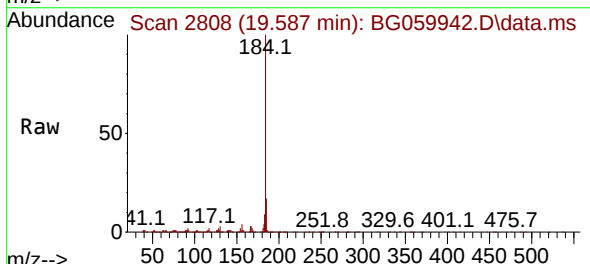
Tgt Ion:184 Resp: 766413

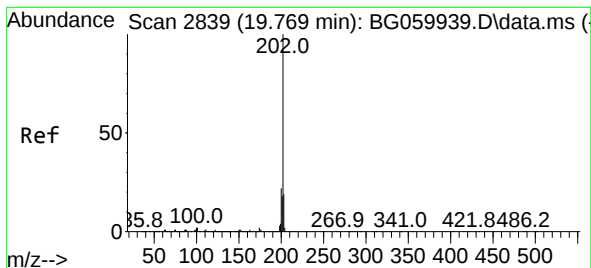
Ion Ratio Lower Upper

184 100

185 16.7 12.0 18.0

183 9.4 9.7 14.5





#78

Pyrene

Concen: 65.872 ng

RT: 19.769 min Scan# 2

Delta R.T. -0.000 min

Lab File: BG059942.D

Acq: 4 Dec 2023 22:06

Instrument :

BNA\_G

ClientSampleId :

SSTDICC080

Tgt Ion:202 Resp: 4930672

Ion Ratio Lower Upper

202 100

200 28.9 17.8 26.6

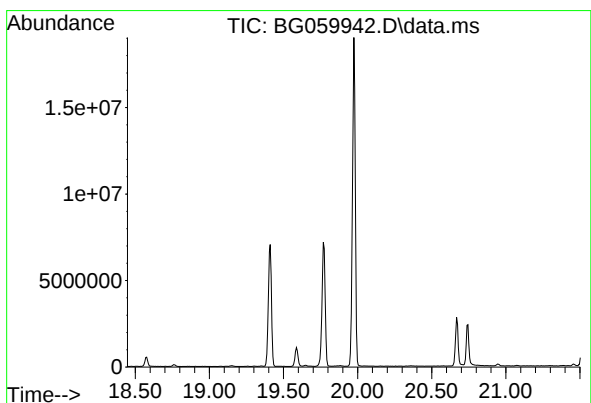
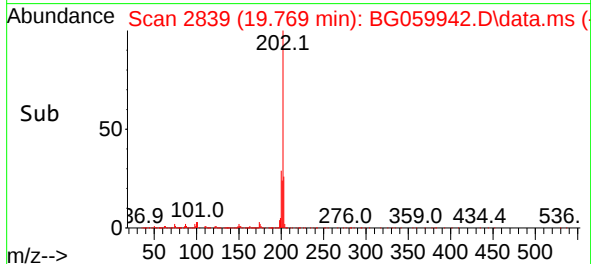
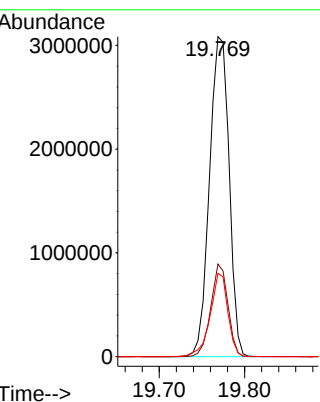
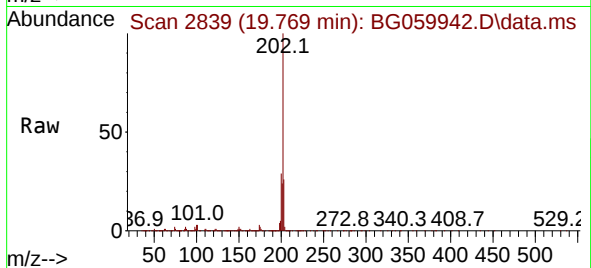
203 26.1 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/05/2023

Supervised By :mohammad ahmed 12/06/2023



#79

Terphenyl-d14

Concen: 0.000 ng

Expected RT: 19.97 min

Lab File: BG059942.D

Acq: 4 Dec 2023 22:06

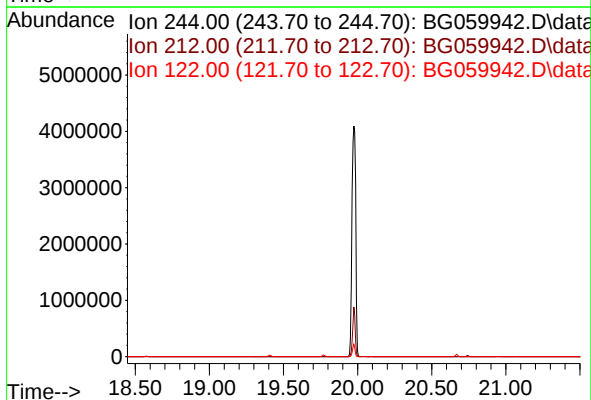
Tgt Ion: 244

Sig Exp Ratio

244 100

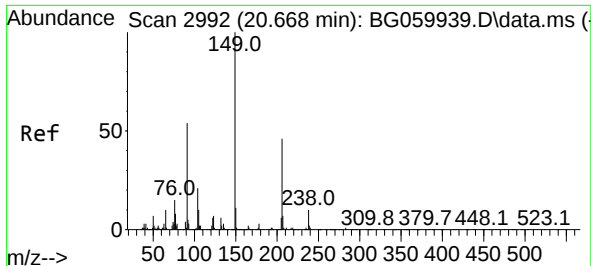
212 10.8

122 2.6



Ion 212.00 (211.70 to 212.70): BG059942.D\data.ms

Ion 122.00 (121.70 to 122.70): BG059942.D\data.ms



#80  
Butylbenzylphthalate  
Concen: 77.593 ng  
RT: 20.668 min Scan# 2992  
Delta R.T. -0.000 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

Instrument :

BNA\_G

ClientSampleId :

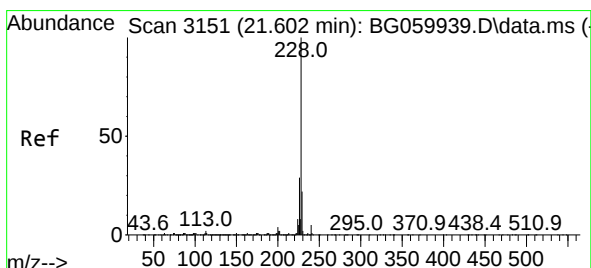
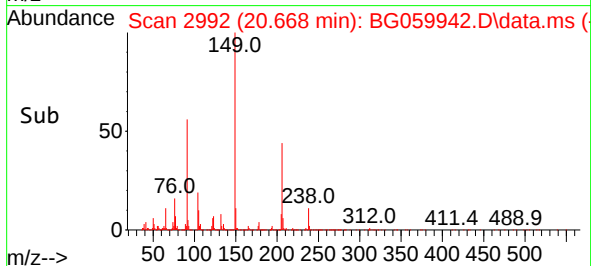
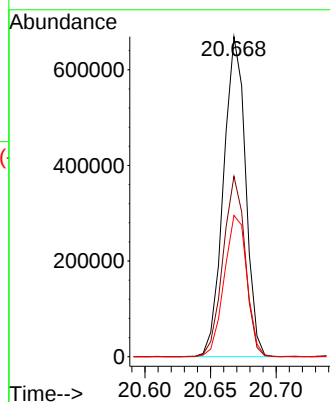
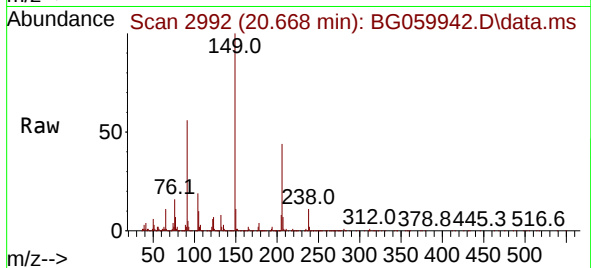
SSTDICC080

Tgt Ion:149 Resp: 78225  
Ion Ratio Lower Upper  
149 100  
91 56.4 42.9 64.3  
206 44.1 36.7 55.1

Manual Integrations

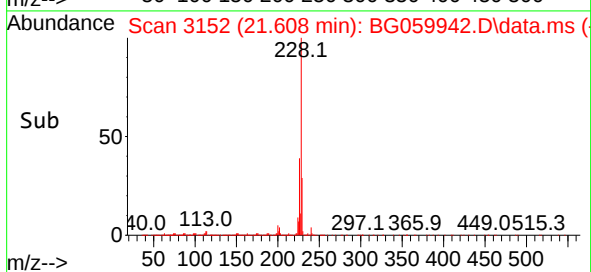
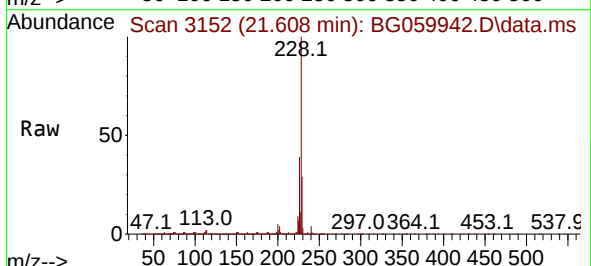
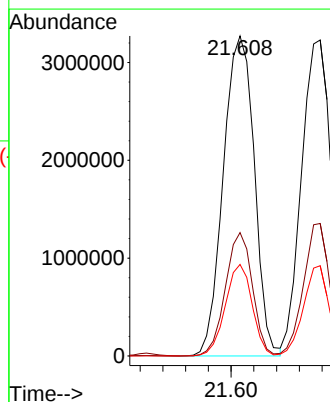
APPROVED

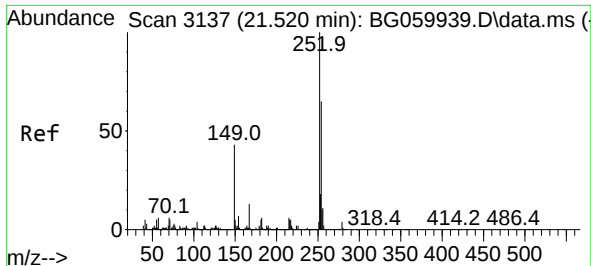
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023



#81  
Benzo(a)anthracene  
Concen: 67.557 ng  
RT: 21.608 min Scan# 3152  
Delta R.T. 0.006 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

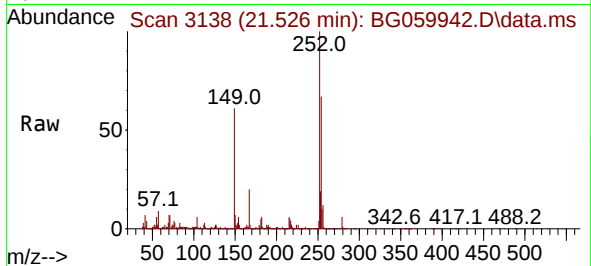
Tgt Ion:228 Resp: 6201140  
Ion Ratio Lower Upper  
228 100  
226 38.5 23.4 35.2#  
229 28.6 17.4 26.2#





#82  
3,3'-Dichlorobenzidine  
Concen: 74.779 ng  
RT: 21.526 min Scan# 3137  
Delta R.T. 0.006 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

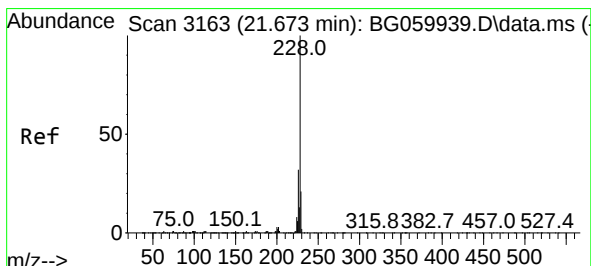
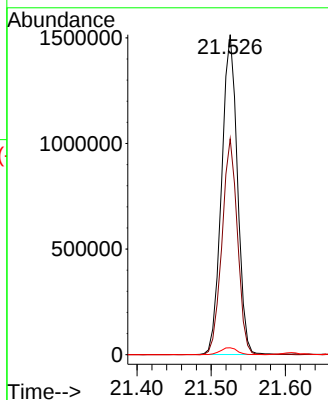
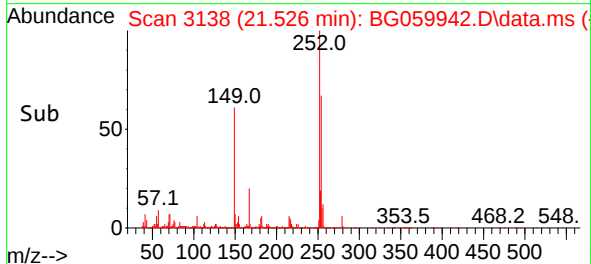
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



Tgt Ion:252 Resp: 2242419  
Ion Ratio Lower Upper  
252 100  
254 67.4 51.9 77.9  
126 2.2 1.4 2.2

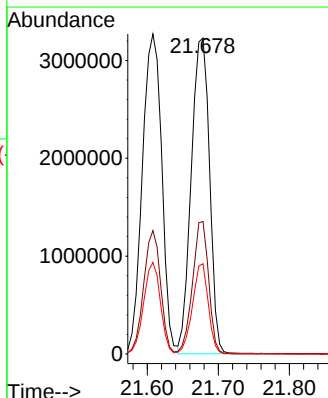
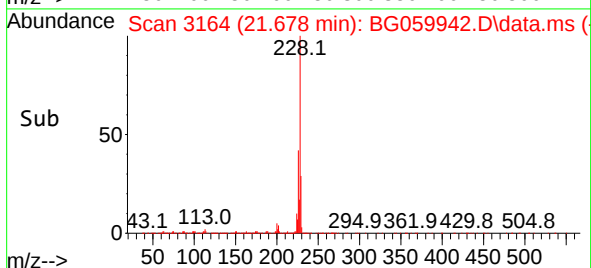
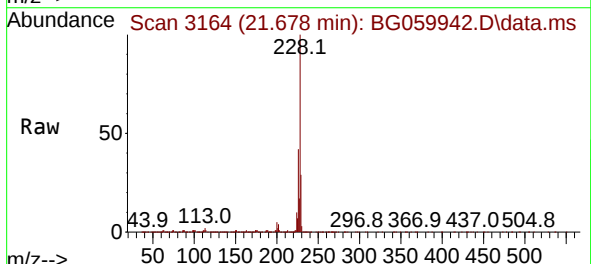
Manual Integrations  
APPROVED

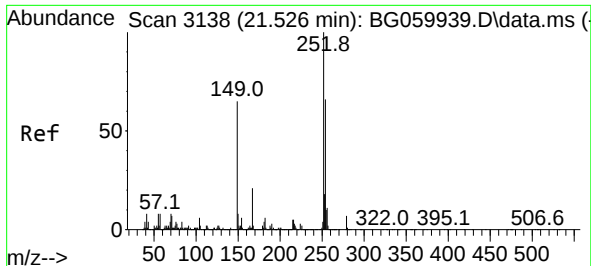
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023



#83  
Chrysene  
Concen: 66.374 ng  
RT: 21.678 min Scan# 3164  
Delta R.T. 0.006 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

Tgt Ion:228 Resp: 5768430  
Ion Ratio Lower Upper  
228 100  
226 41.9 25.4 38.2#  
229 28.6 17.1 25.7#





#84  
Bis(2-ethylhexyl)phthalate  
Concen: 87.745 ng  
RT: 21.531 min Scan# 3138  
Delta R.T. 0.006 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

Instrument :

BNA\_G

ClientSampleId :

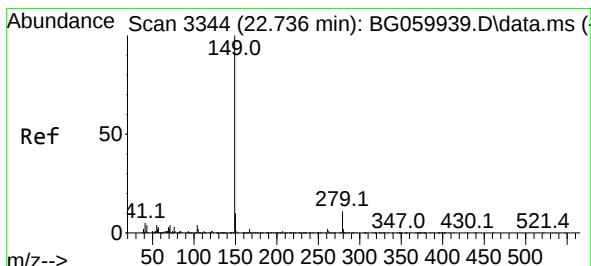
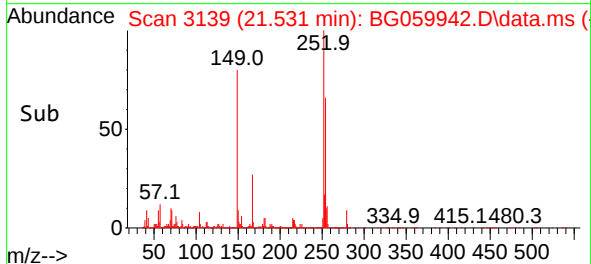
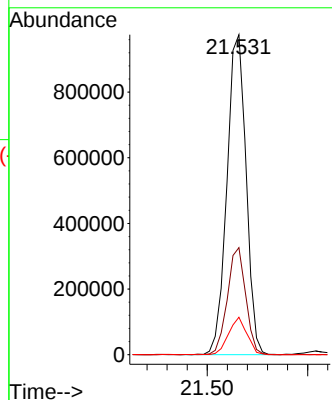
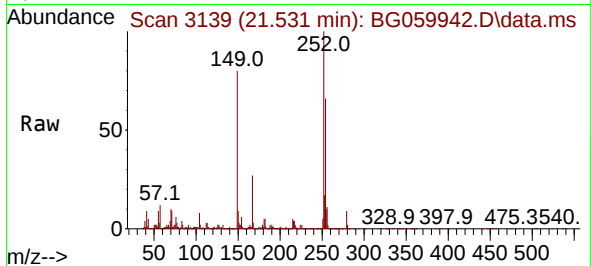
SSTDICC080

Tgt Ion:149 Resp: 1290360  
Ion Ratio Lower Upper  
149 100  
167 33.4 26.1 39.1  
279 11.7 8.6 12.8

Manual Integrations

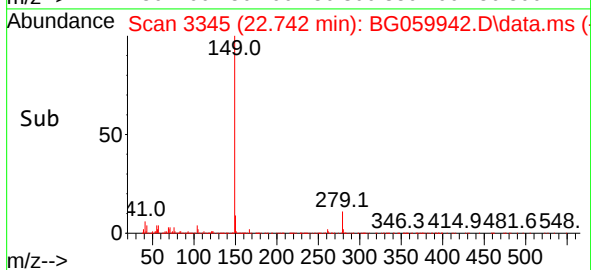
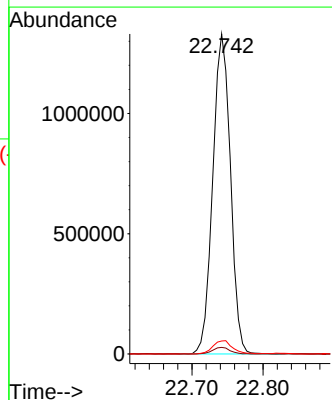
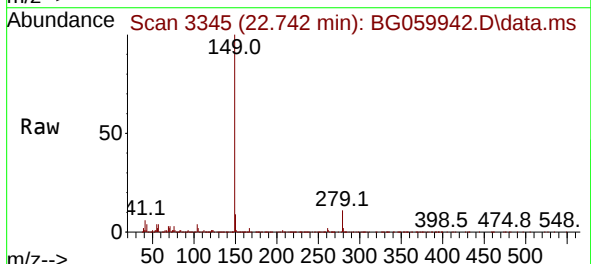
APPROVED

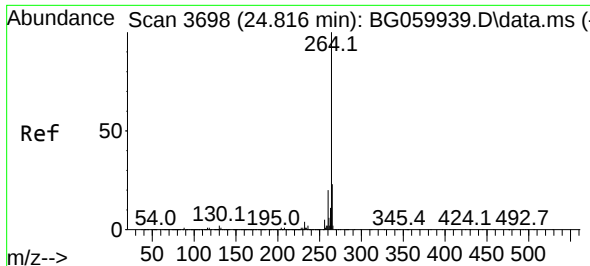
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023



#85  
Di-n-octyl phthalate  
Concen: 87.420 ng  
RT: 22.742 min Scan# 3345  
Delta R.T. 0.006 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

Tgt Ion:149 Resp: 2290840  
Ion Ratio Lower Upper  
149 100  
167 2.1 1.7 2.5  
43 4.7 3.6 5.4





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.822 min Scan# 30  
 Delta R.T. 0.006 min  
 Lab File: BG059942.D  
 Acq: 4 Dec 2023 22:06

Instrument :

BNA\_G

ClientSampleId :

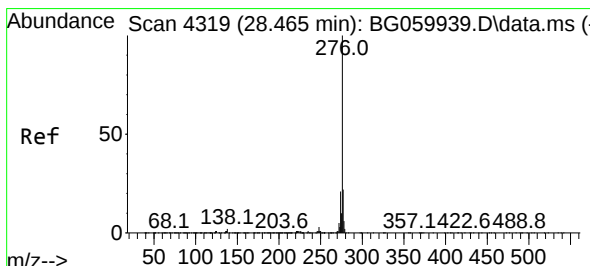
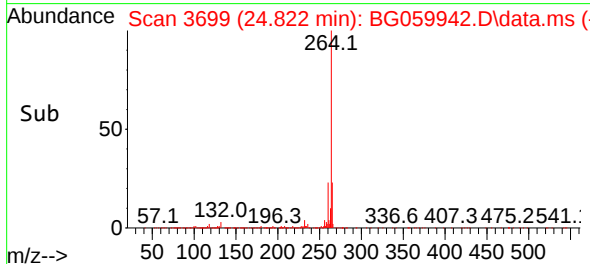
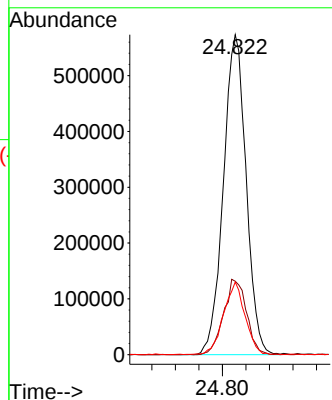
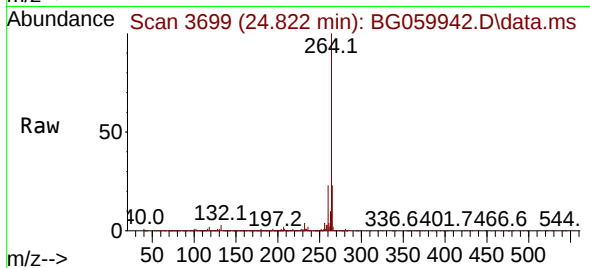
SSTDICC080

Tgt Ion:264 Resp: 1533258  
 Ion Ratio Lower Upper  
 264 100  
 260 23.0 15.8 23.6  
 265 22.7 18.1 27.1

Manual Integrations

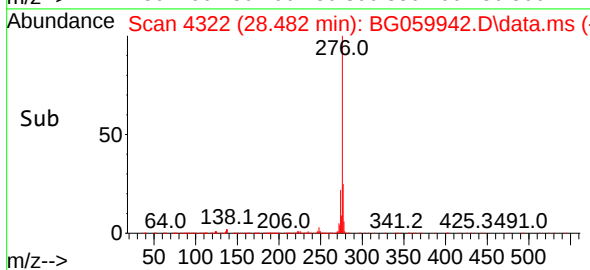
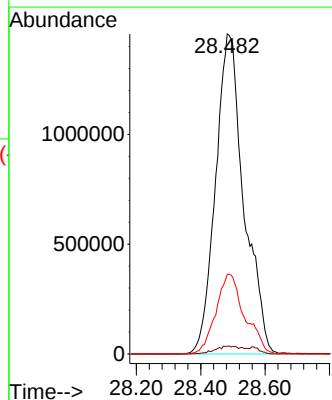
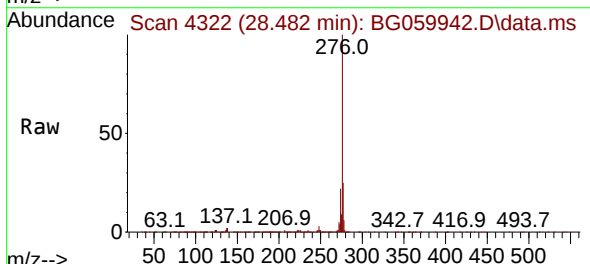
APPROVED

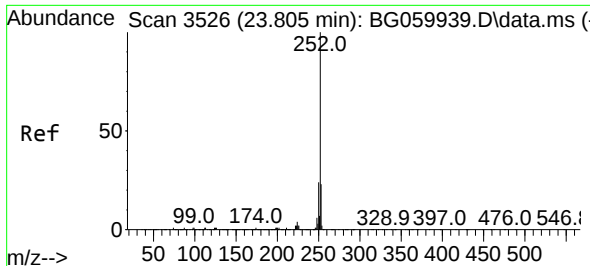
Reviewed By :Yogesh Patel 12/05/2023  
 Supervised By :mohammad ahmed 12/06/2023



#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 78.570 ng  
 RT: 28.482 min Scan# 4322  
 Delta R.T. 0.018 min  
 Lab File: BG059942.D  
 Acq: 4 Dec 2023 22:06

Tgt Ion:276 Resp: 8912524  
 Ion Ratio Lower Upper  
 276 100  
 138 1.9 0.0 0.0#  
 277 25.3 19.9 29.9





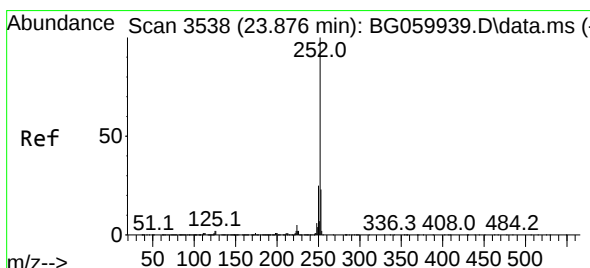
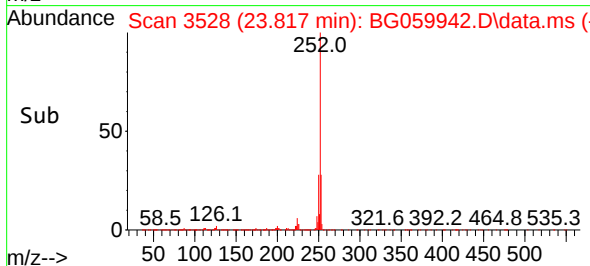
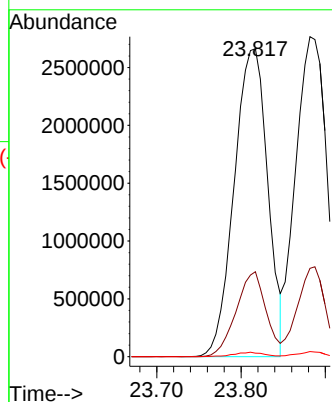
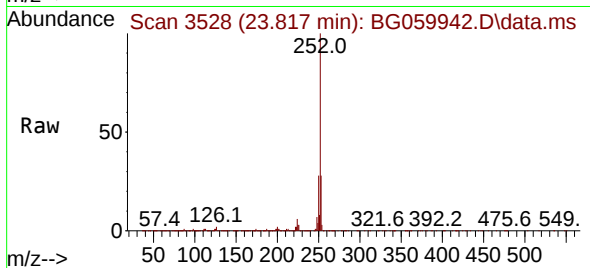
#88  
Benzo(b)fluoranthene  
Concen: 75.049 ng m  
RT: 23.817 min Scan# 3528  
Delta R.T. 0.012 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080

Tgt Ion:252 Resp: 735415  
Ion Ratio Lower Upper  
252 100  
253 27.6 18.5 27.7  
125 1.1 1.2 1.8

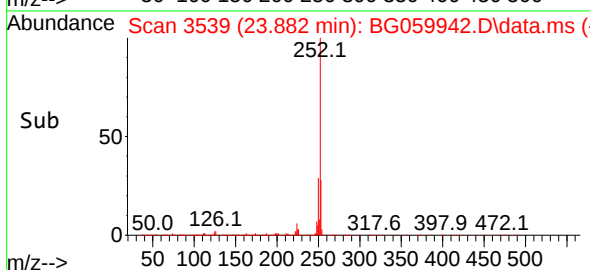
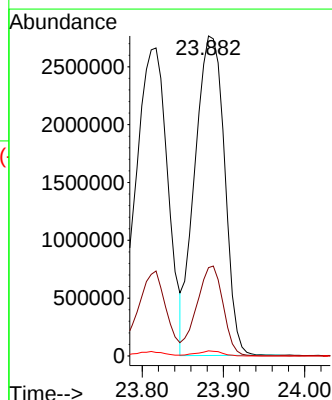
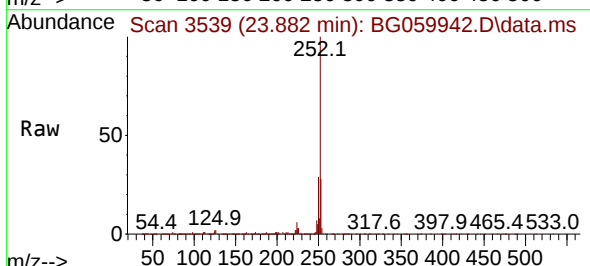
Manual Integrations  
APPROVED

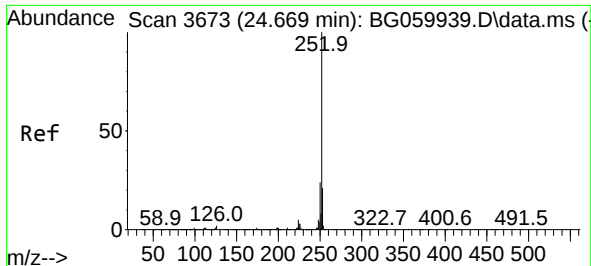
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023



#89  
Benzo(k)fluoranthene  
Concen: 74.075 ng  
RT: 23.882 min Scan# 3539  
Delta R.T. 0.006 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

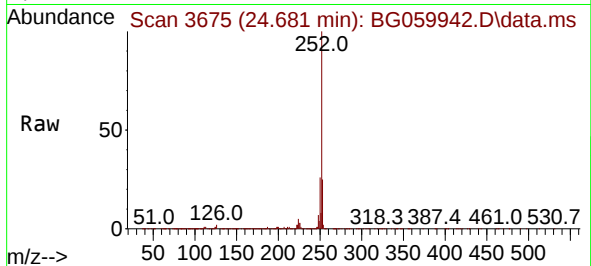
Tgt Ion:252 Resp: 7004534  
Ion Ratio Lower Upper  
252 100  
253 27.6 18.3 27.5#  
125 1.6 1.3 1.9





#90  
Benzo(a)pyrene  
Concen: 76.491 ng  
RT: 24.681 min Scan# 30  
Delta R.T. 0.012 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06

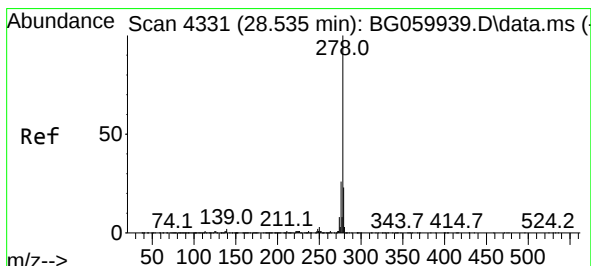
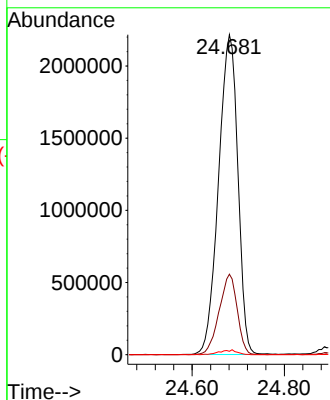
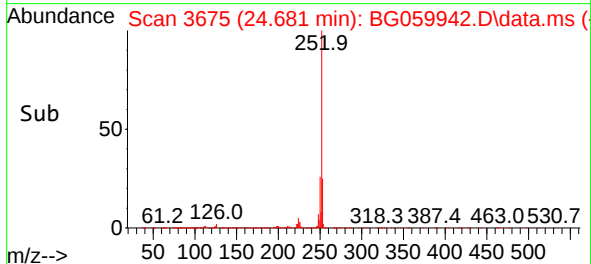
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDICC080



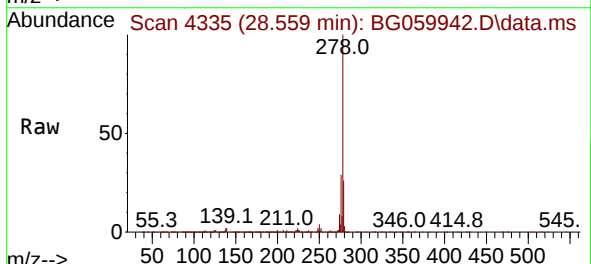
Tgt Ion:252 Resp: 641508  
Ion Ratio Lower Upper  
252 100  
253 25.1 17.0 25.6  
125 1.1 0.9 1.3

Manual Integrations  
APPROVED

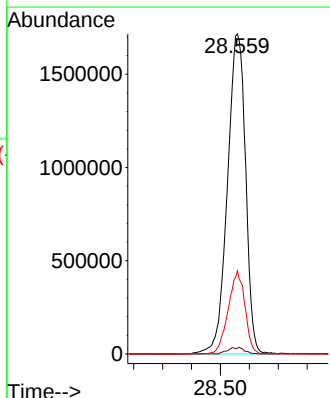
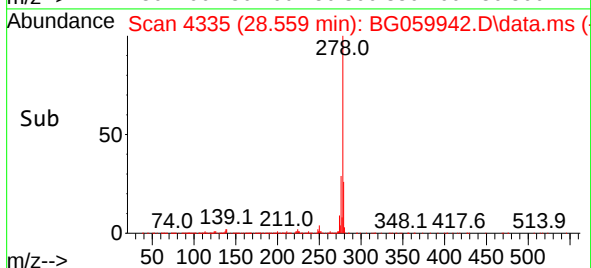
Reviewed By :Yogesh Patel 12/05/2023  
Supervised By :mohammad ahmed 12/06/2023

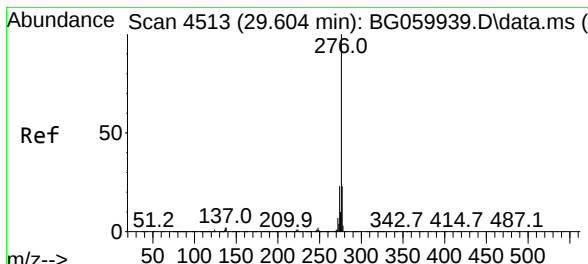


#91  
Dibenzo(a,h)anthracene  
Concen: 77.106 ng  
RT: 28.559 min Scan# 4335  
Delta R.T. 0.023 min  
Lab File: BG059942.D  
Acq: 4 Dec 2023 22:06



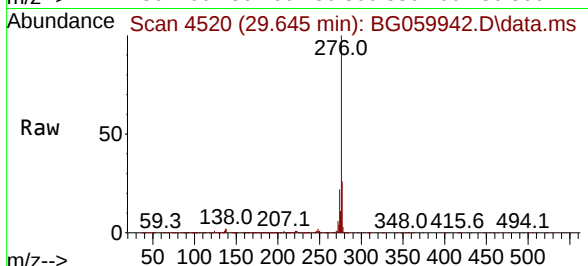
Tgt Ion:278 Resp: 7466671  
Ion Ratio Lower Upper  
278 100  
139 1.8 1.7 2.5  
279 26.0 18.8 28.2





#92  
 Benzo(g,h,i)perylene  
 Concen: 80.152 ng  
 RT: 29.645 min Scan# 41  
 Delta R.T. 0.041 min  
 Lab File: BG059942.D  
 Acq: 4 Dec 2023 22:06

Instrument : BNA\_G  
 ClientSampleId : SSTDICC080



Tgt Ion: 276 Resp: 732800

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 25.7  | 18.1  | 27.1  |
| 138 | 2.5   | 1.6   | 2.4   |

Manual Integrations  
**APPROVED**  
 Reviewed By : Yogesh Patel 12/05/2023  
 Supervised By : mohammad ahmed 12/06/2023

