

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080923\  
 Data File : BG058655.D  
 Acq On : 9 Aug 2023 12:16  
 Operator : MA/JU  
 Sample : 03891-02MS  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

## Instrument :

BNA\_G

ClientSampleId :

TP-1MS

## Manual Integrations

## APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/10/2023

Quant Time: Aug 09 12:51:10 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG072823.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jul 28 22:29:07 2023

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.812  | 152  | 41504    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.615 | 136  | 187643   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.463 | 164  | 143494   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.207 | 188  | 355189   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.455 | 240  | 303888   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.522 | 264  | 386538   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.386  | 112  | 344949   | 127.034 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.990  | 99   | 471794   | 124.864 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.981  | 82   | 319882   | 83.746  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.955 | 330  | 288978   | 122.866 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.082 | 172  | 764798   | 79.872  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.827 | 244  | 1438399  | 89.011  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.276  | 88   | 47291    | 35.941  | ng    | # 50     |
| 3) Pyridine                   | 3.676  | 79   | 128471   | 35.812  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.588  | 42   | 67511    | 44.416  | ng    | 94       |
| 6) Aniline                    | 7.136  | 93   | 164297   | 35.317  | ng    | 98       |
| 8) 2-Chlorophenol             | 7.377  | 128  | 135201   | 50.753  | ng    | 100      |
| 9) Benzaldehyde               | 6.954  | 77   | 60033    | 29.244  | ng    | 98       |
| 10) Phenol                    | 7.013  | 94   | 175174   | 47.460  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.236  | 93   | 128620   | 44.202  | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 7.700  | 146  | 125898   | 44.259  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.847  | 146  | 127728   | 44.720  | ng    | 96       |
| 14) 1,2-Dichlorobenzene       | 8.165  | 146  | 126806   | 46.437  | ng    | 97       |
| 15) Benzyl Alcohol            | 8.053  | 79   | 143160   | 59.744  | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.341  | 45   | 229150m  | 48.480  | ng    |          |
| 17) 2-Methylphenol            | 8.265  | 107  | 130190   | 48.241  | ng    | 96       |
| 18) Hexachloroethane          | 8.893  | 117  | 46817    | 45.097  | ng    | 93       |
| 19) n-Nitroso-di-n-propyla... | 8.617  | 70   | 118008   | 48.352  | ng    | 99       |
| 20) 3+4-Methylphenols         | 8.594  | 107  | 183076   | 50.151  | ng    | 99       |
| 22) Acetophenone              | 8.641  | 105  | 227291   | 45.238  | ng    | # 98     |
| 24) Nitrobenzene              | 9.022  | 77   | 168498   | 43.391  | ng    | 98       |
| 25) Isophorone                | 9.539  | 82   | 358766   | 45.459  | ng    | 100      |
| 26) 2-Nitrophenol             | 9.733  | 139  | 75534    | 44.685  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 9.792  | 122  | 130699   | 46.614  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 10.021 | 93   | 195999   | 45.635  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.268 | 162  | 146328   | 50.264  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.480 | 180  | 144797   | 43.129  | ng    | 97       |
| 31) Naphthalene               | 10.668 | 128  | 419947   | 42.462  | ng    | 99       |
| 32) Benzoic acid              | 9.921  | 122  | 24927m   | 15.101  | ng    |          |
| 33) 4-Chloroaniline           | 10.785 | 127  | 73048    | 17.482  | ng    | 99       |
| 34) Hexachlorobutadiene       | 10.944 | 225  | 88003    | 40.702  | ng    | 98       |
| 35) Caprolactam               | 11.561 | 113  | 44653m   | 41.536  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 11.913 | 107  | 184778   | 51.309  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.277 | 142  | 303725   | 42.933  | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.501 | 142  | 300746   | 44.722  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.648 | 216  | 184175   | 41.807  | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.624 | 237  | 112277   | 57.011  | ng    | 95       |
| 43) 2,4,6-Trichlorophenol     | 12.894 | 196  | 140220   | 46.276  | ng    | 97       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080923\  
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 TP-1MS

Quant Time: Aug 09 12:51:10 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG072823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 28 22:29:07 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/09/2023  
 Supervised By :mohammad ahmed 08/10/2023

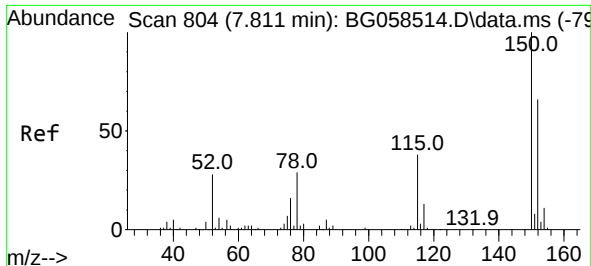
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.971 | 196  | 149575   | 41.909 | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.294 | 154  | 425578   | 43.186 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.335 | 162  | 339937   | 44.242 | ng    | 100      |
| 48) 2-Nitroaniline            | 13.547 | 65   | 142704   | 48.659 | ng    | 99       |
| 49) Acenaphthylene            | 14.187 | 152  | 575119   | 44.707 | ng    | 99       |
| 50) Dimethylphthalate         | 13.923 | 163  | 495900   | 46.016 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.046 | 165  | 107511   | 45.467 | ng    | 97       |
| 52) Acenaphthene              | 14.528 | 154  | 324150   | 43.609 | ng    | 98       |
| 53) 3-Nitroaniline            | 14.375 | 138  | 78224    | 33.065 | ng    | 99       |
| 54) 2,4-Dinitrophenol         | 14.592 | 184  | 37270    | 32.829 | ng    | 94       |
| 55) Dibenzofuran              | 14.863 | 168  | 566033   | 44.317 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.698 | 139  | 136872   | 78.157 | ng    | 97       |
| 57) 2,4-Dinitrotoluene        | 14.833 | 165  | 155617   | 47.470 | ng    | 95       |
| 58) Fluorene                  | 15.509 | 166  | 459406   | 45.277 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.092 | 232  | 144228   | 47.358 | ng    | 98       |
| 60) Diethylphthalate          | 15.280 | 149  | 496671   | 45.239 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.503 | 204  | 254114   | 44.922 | ng    | 99       |
| 62) 4-Nitroaniline            | 15.544 | 138  | 108935   | 48.608 | ng    | 98       |
| 63) Azobenzene                | 15.797 | 77   | 487537   | 45.085 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph... | 15.603 | 198  | 53066    | 27.096 | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 15.720 | 169  | 411020   | 44.461 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether | 16.396 | 248  | 176679   | 43.856 | ng    | 97       |
| 68) Hexachlorobenzene         | 16.514 | 284  | 201834   | 47.280 | ng    | 98       |
| 69) Atrazine                  | 16.672 | 200  | 164033   | 52.562 | ng    | 99       |
| 70) Pentachlorophenol         | 16.866 | 266  | 126949   | 49.131 | ng    | 99       |
| 71) Phenanthrene              | 17.248 | 178  | 742249   | 44.064 | ng    | 100      |
| 72) Anthracene                | 17.342 | 178  | 755197   | 43.694 | ng    | 98       |
| 73) Carbazole                 | 17.618 | 167  | 698822   | 45.850 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.165 | 149  | 854354   | 44.752 | ng    | 100      |
| 75) Fluoranthene              | 19.263 | 202  | 891139   | 44.042 | ng    | 99       |
| 77) Benzidine                 | 19.451 | 184  | 201201   | 43.662 | ng    | 98       |
| 78) Pyrene                    | 19.628 | 202  | 924015   | 44.679 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.515 | 149  | 383141   | 45.102 | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.431 | 228  | 943940   | 45.136 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.355 | 252  | 259896   | 36.755 | ng    | 99       |
| 83) Chrysene                  | 21.496 | 228  | 874632   | 43.619 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.337 | 149  | 549605   | 44.273 | ng    | # 99     |
| 85) Di-n-octyl phthalate      | 22.489 | 149  | 982717   | 45.026 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.024 | 276  | 1150590  | 44.744 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 23.552 | 252  | 986189   | 47.040 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.617 | 252  | 973412   | 46.218 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.381 | 252  | 895955   | 43.516 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene    | 28.077 | 278  | 950632   | 44.709 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 29.122 | 276  | 924480   | 43.359 | ng    | 98       |

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

## Manual Integrations

Quant Time: Aug 09 12:51:10 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG072823.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jul 28 22:29:07 2023  
Response via : Initial Calibration





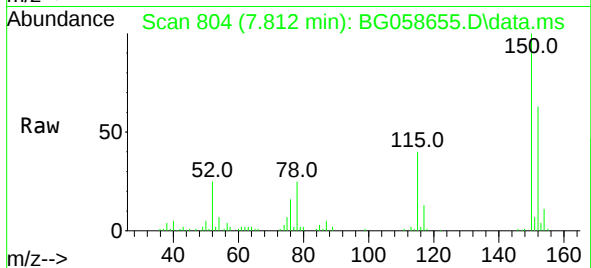
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.812 min Scan# 804  
 Delta R.T. 0.001 min  
 Lab File: BG058655.D  
 Acq: 9 Aug 2023 12:16

Instrument :

BNA\_G

ClientSampleId :

TP-1MS

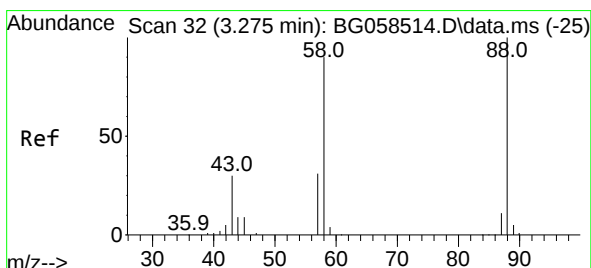
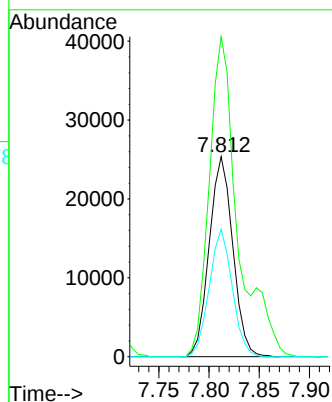
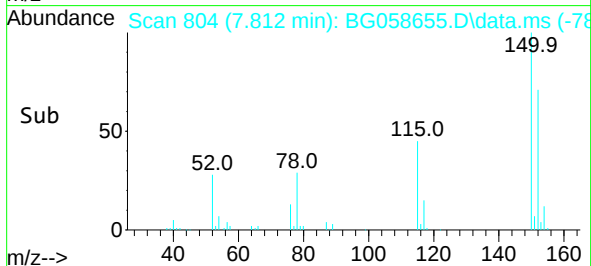


Tgt Ion:152 Resp: 41504  
 Ion Ratio Lower Upper  
 152 100  
 150 159.9 120.5 180.7  
 115 63.7 45.9 68.9

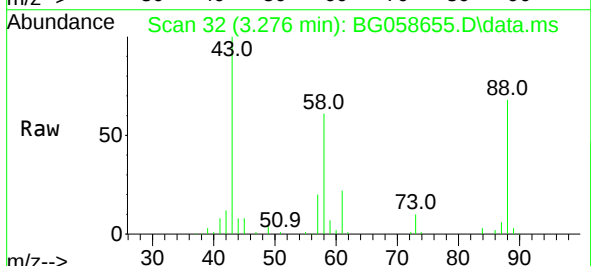
Manual Integrations

APPROVED

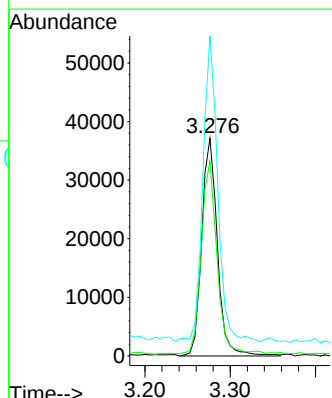
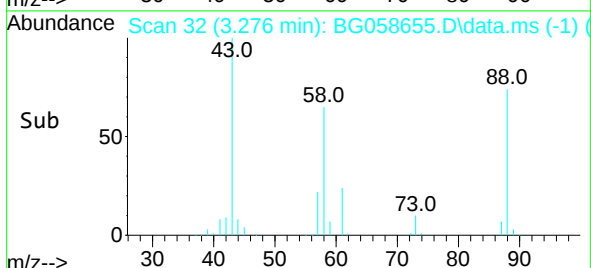
Reviewed By :Yogesh Patel 08/09/2023  
 Supervised By :mohammad ahmed 08/10/2023

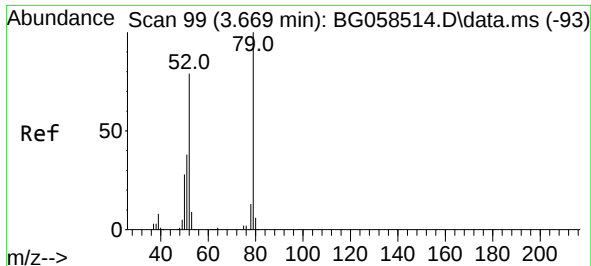


#2  
 1,4-Dioxane  
 Concen: 35.941 ng  
 RT: 3.276 min Scan# 32  
 Delta R.T. 0.001 min  
 Lab File: BG058655.D  
 Acq: 9 Aug 2023 12:16



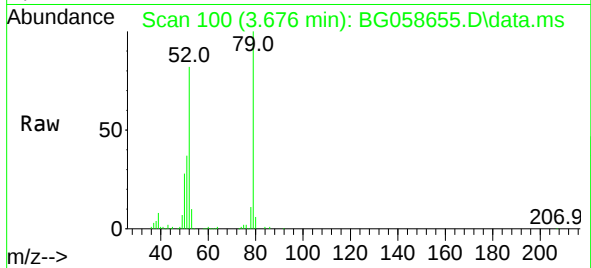
Tgt Ion: 88 Resp: 47291  
 Ion Ratio Lower Upper  
 88 100  
 58 88.1 68.9 103.3  
 43 132.4 22.9 34.3#





#3  
Pyridine  
Concen: 35.812 ng  
RT: 3.676 min Scan# 100  
Delta R.T. 0.007 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16

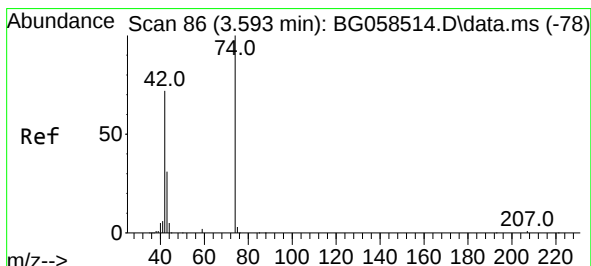
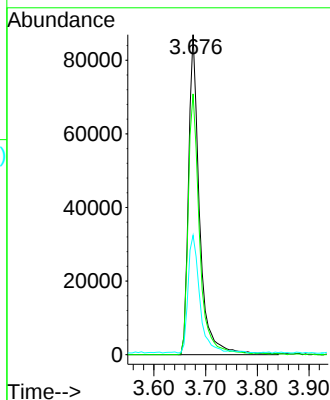
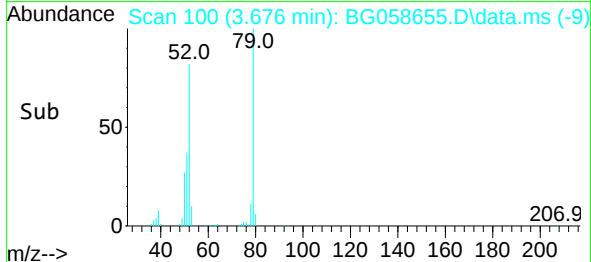
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MS



Tgt Ion: 79 Resp: 12847  
Ion Ratio Lower Upper  
79 100  
52 81.5 63.2 94.8  
51 37.3 31.9 47.9

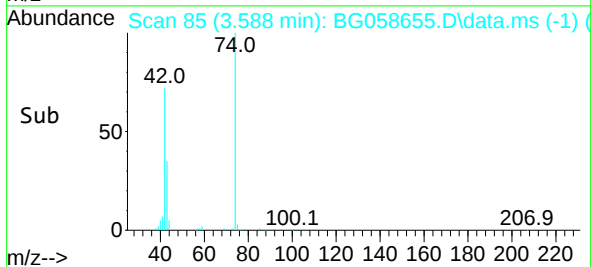
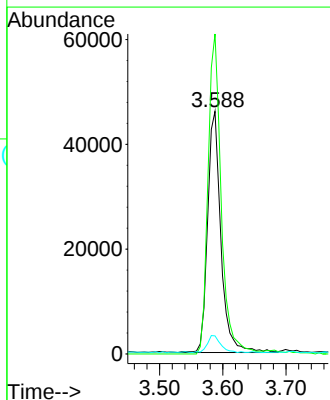
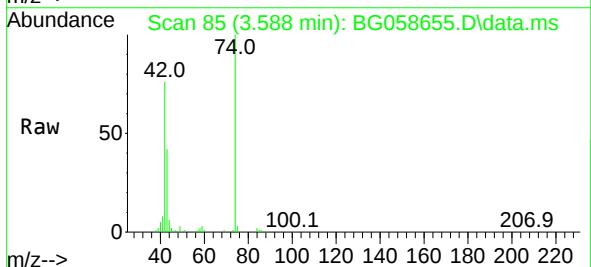
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/10/2023



#4  
n-Nitrosodimethylamine  
Concen: 44.416 ng  
RT: 3.588 min Scan# 85  
Delta R.T. -0.005 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16

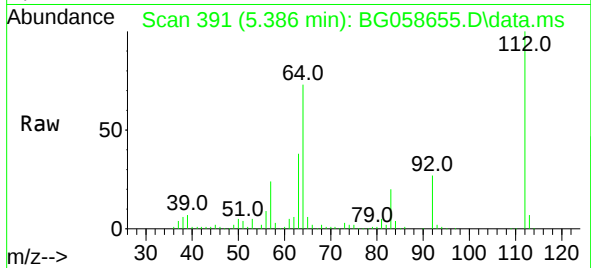
Tgt Ion: 42 Resp: 67511  
Ion Ratio Lower Upper  
42 100  
74 132.0 111.5 167.3  
44 7.4 5.4 8.2





#5  
2-Fluorophenol  
Concen: 127.034 ng  
RT: 5.386 min Scan# 349  
Delta R.T. 0.001 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16

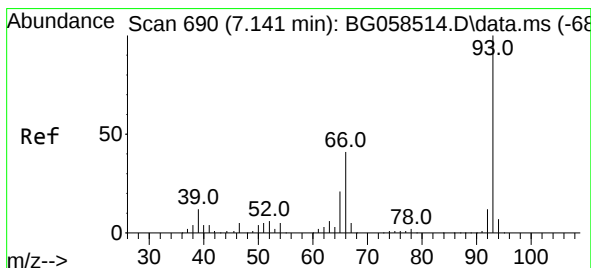
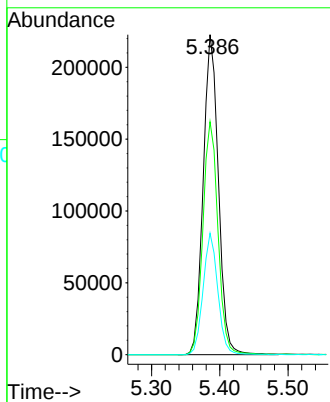
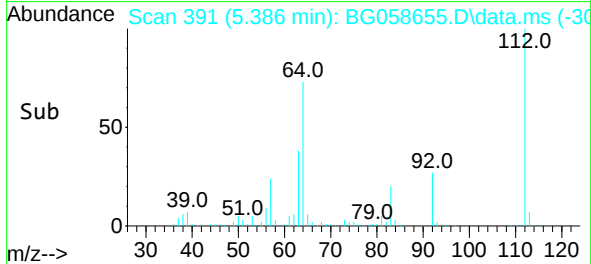
Instrument :  
BNA\_G  
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Tgt Ion:112 Resp: 344949  
Ion Ratio Lower Upper  
112 100  
64 72.8 55.3 82.9  
63 38.0 28.3 42.5

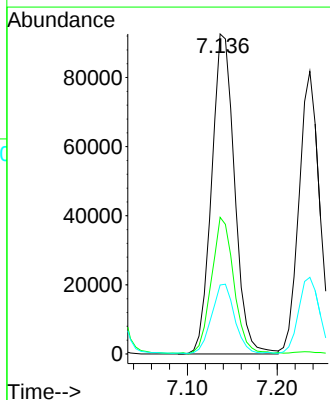
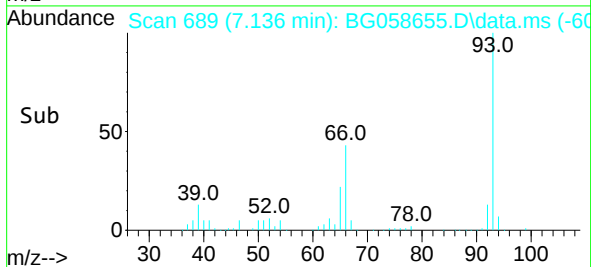
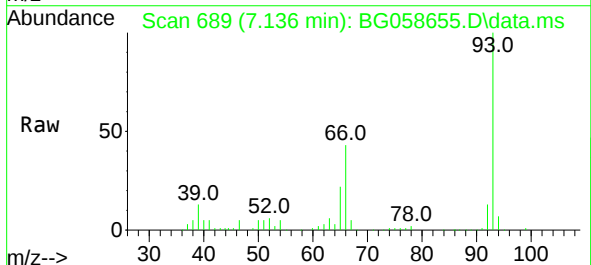
Manual Integrations  
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Supervised By :mohammad ahmed 08/10/2023



#6  
Aniline  
Concen: 35.317 ng  
RT: 7.136 min Scan# 689  
Delta R.T. -0.005 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16

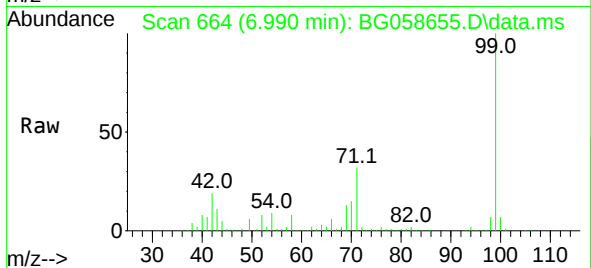
Tgt Ion: 93 Resp: 164297  
Ion Ratio Lower Upper  
93 100  
66 42.7 33.1 49.7  
65 21.5 17.0 25.4





#7  
Phenol-d6  
Concen: 124.864 ng  
RT: 6.990 min Scan# 60  
Delta R.T. 0.007 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16

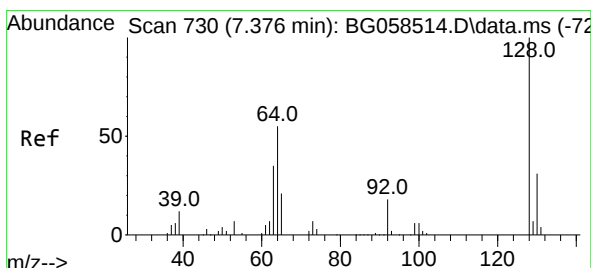
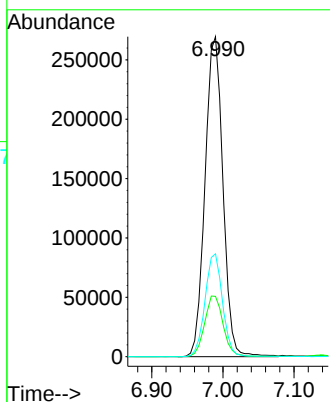
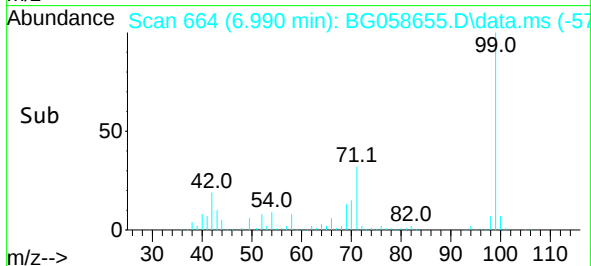
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MS



Tgt Ion: 99 Resp: 471794  
Ion Ratio Lower Upper  
99 100  
42 18.8 14.6 21.8  
71 32.2 25.0 37.4

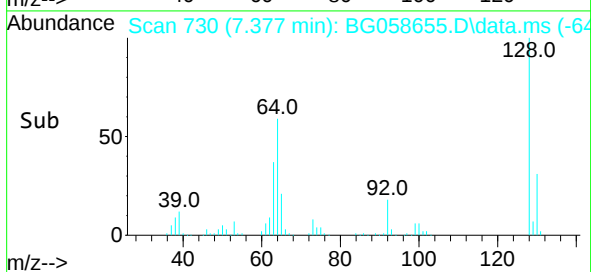
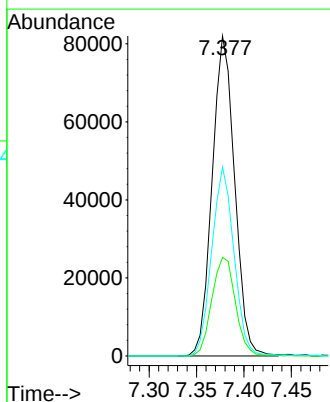
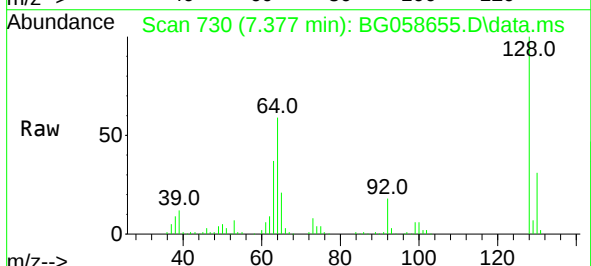
Manual Integrations  
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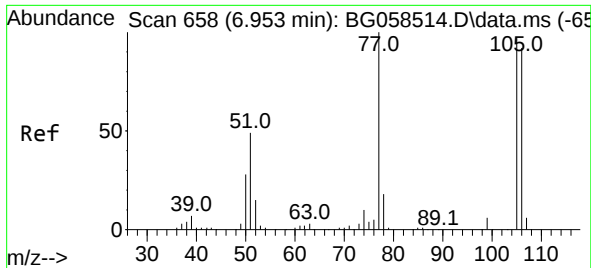
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/10/2023



#8  
2-Chlorophenol  
Concen: 50.753 ng  
RT: 7.377 min Scan# 730  
Delta R.T. 0.001 min  
Lab File: BG058655.D  
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Tgt Ion:128 Resp: 135201  
Ion Ratio Lower Upper  
128 100  
130 30.8 10.9 50.9  
64 59.0 39.0 79.0





#9  
Benzaldehyde  
Concen: 29.244 ng  
RT: 6.954 min Scan# 610  
Delta R.T. 0.001 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16

Instrument :

BNA\_G

ClientSampleId :

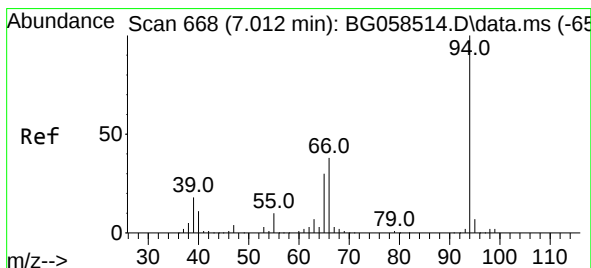
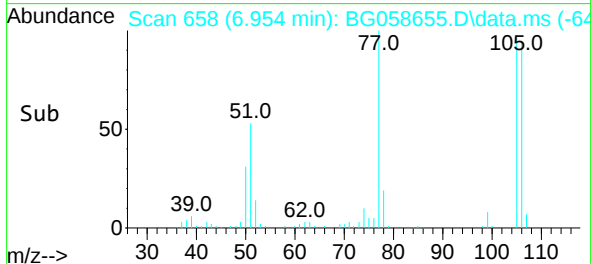
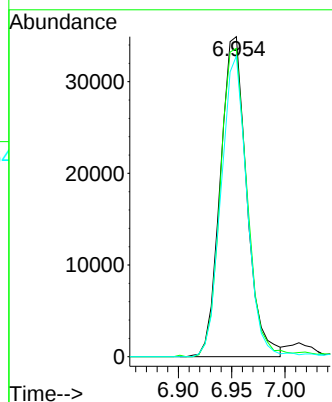
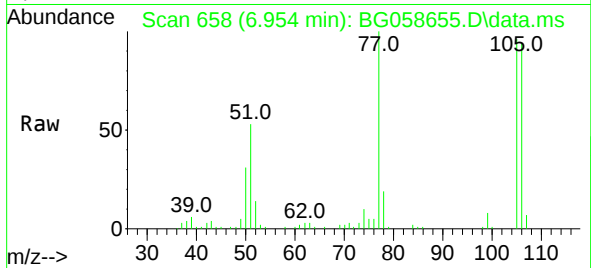
TP-1MS

Tgt Ion: 77 Resp: 6003  
Ion Ratio Lower Upper  
77 100  
105 96.4 77.1 117.1  
106 94.0 71.6 111.6

Manual Integrations

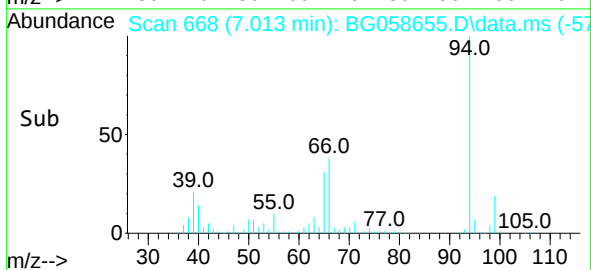
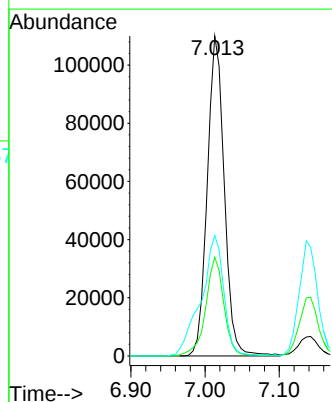
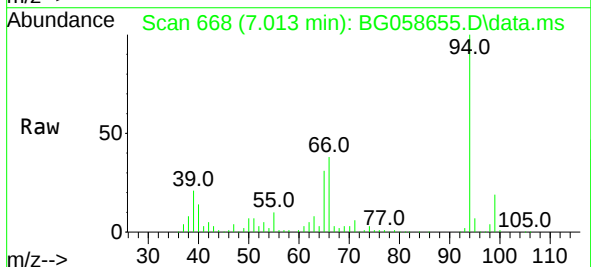
APPROVED

Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/10/2023



#10  
Phenol  
Concen: 47.460 ng  
RT: 7.013 min Scan# 668  
Delta R.T. 0.001 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16

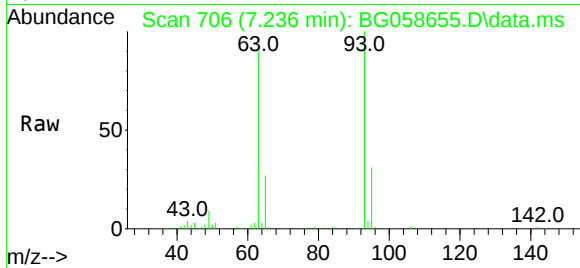
Tgt Ion: 94 Resp: 175174  
Ion Ratio Lower Upper  
94 100  
65 30.8 10.4 50.4  
66 37.6 18.7 58.7





#11  
bis(2-Chloroethyl)ether  
Concen: 44.202 ng  
RT: 7.236 min Scan# 706  
Delta R.T. 0.001 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16

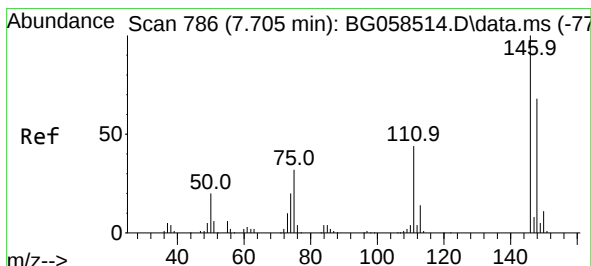
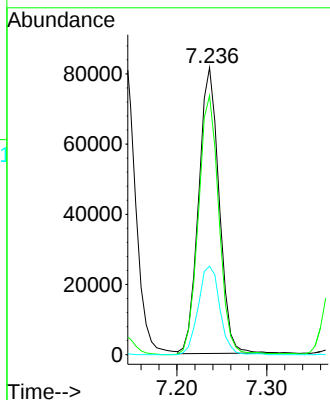
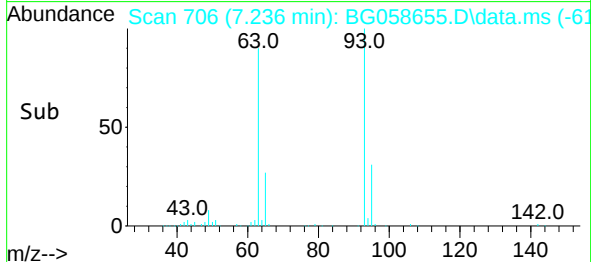
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MS



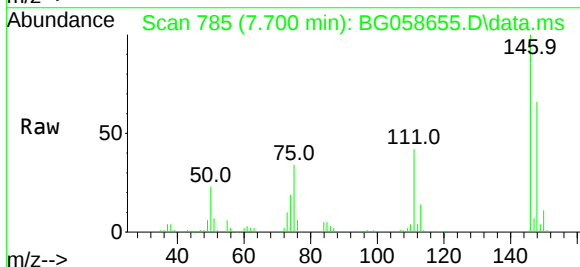
Tgt Ion: 93 Resp: 128620  
Ion Ratio Lower Upper  
93 100  
63 90.3 65.5 105.5  
95 30.8 11.2 51.2

Manual Integrations  
APPROVED

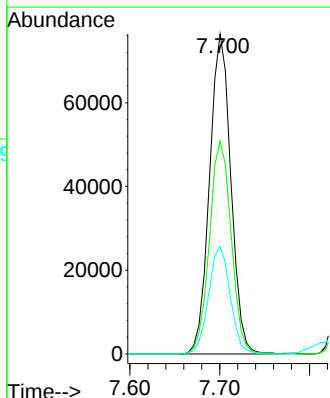
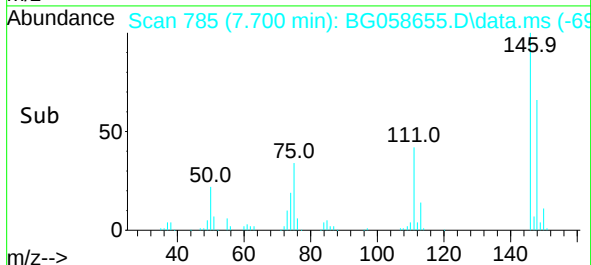
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/10/2023



#12  
1,3-Dichlorobenzene  
Concen: 44.259 ng  
RT: 7.700 min Scan# 785  
Delta R.T. -0.005 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16



Tgt Ion:146 Resp: 125898  
Ion Ratio Lower Upper  
146 100  
148 66.5 54.7 82.1  
75 33.6 25.8 38.8





#13

1,4-Dichlorobenzene

Concen: 44.720 ng

RT: 7.847 min Scan# 811

Delta R.T. -0.005 min

Lab File: BG058655.D

Acq: 9 Aug 2023 12:16

Instrument :

BNA\_G

ClientSampleId :

TP-1MS

Tgt Ion:146 Resp: 127728

Ion Ratio Lower Upper

146 100

148 69.5 52.8 79.2

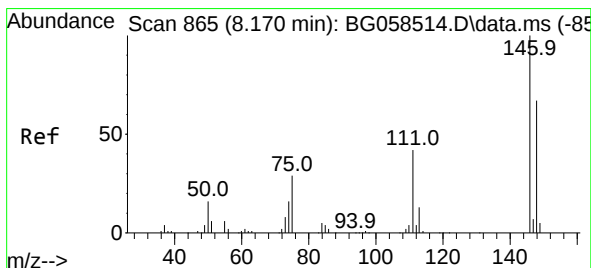
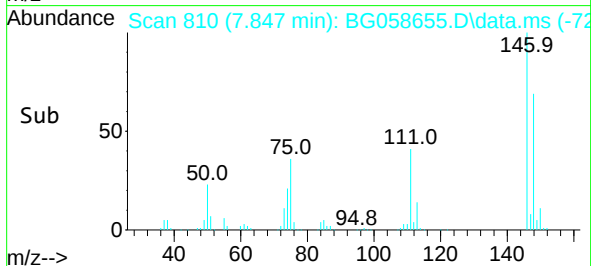
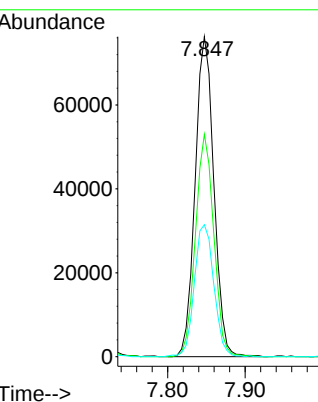
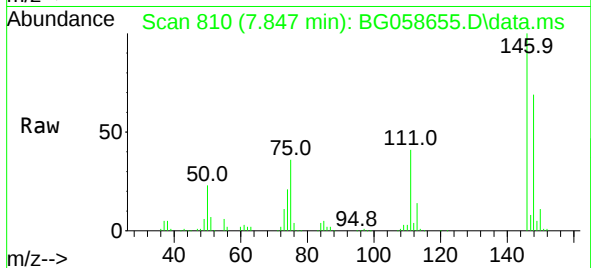
111 41.2 31.7 47.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/10/2023



#14

1,2-Dichlorobenzene

Concen: 46.437 ng

RT: 8.165 min Scan# 864

Delta R.T. -0.005 min

Lab File: BG058655.D

Acq: 9 Aug 2023 12:16

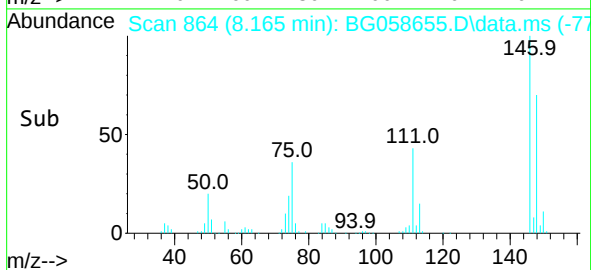
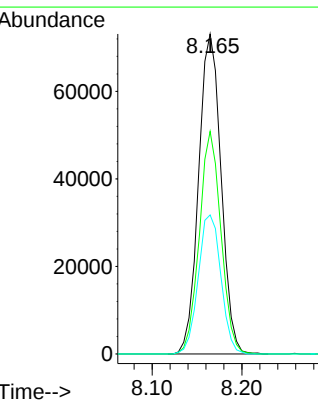
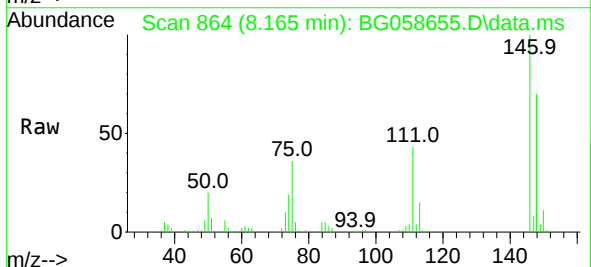
Tgt Ion:146 Resp: 126806

Ion Ratio Lower Upper

146 100

148 69.6 53.4 80.2

111 43.5 34.2 51.2





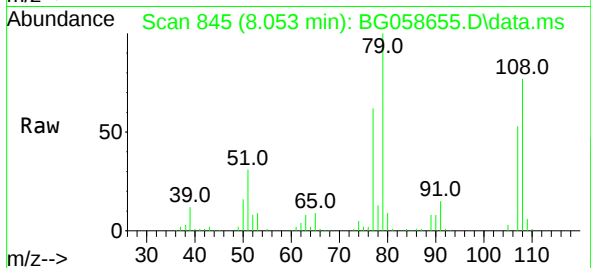
#15  
Benzyl Alcohol  
Concen: 59.744 ng  
RT: 8.053 min Scan# 846  
Delta R.T. -0.005 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16

Instrument :

BNA\_G

ClientSampleId :

TP-IMS

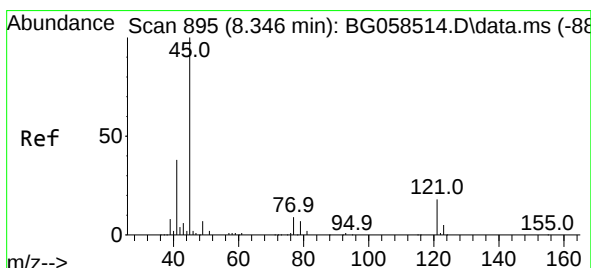
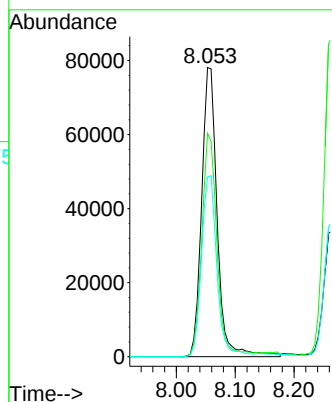
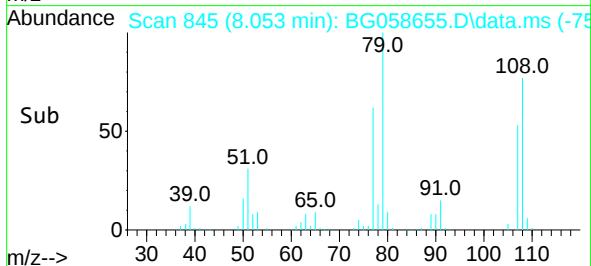


Tgt Ion: 79 Resp: 143160  
Ion Ratio Lower Upper  
79 100  
108 77.2 63.8 95.6  
77 62.2 49.8 74.6

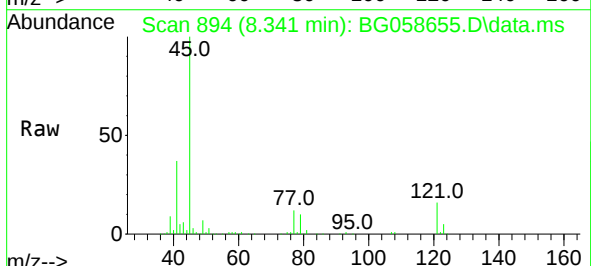
Manual Integrations

APPROVED

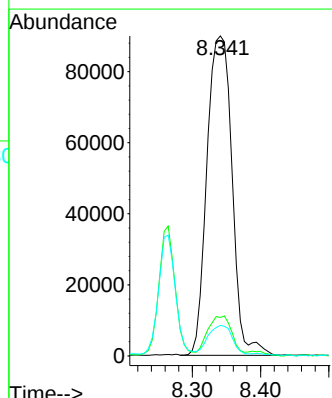
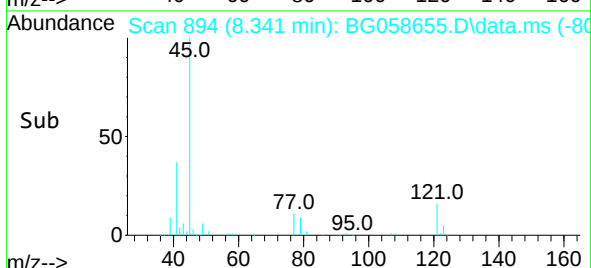
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/10/2023



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 48.480 ng m  
RT: 8.341 min Scan# 894  
Delta R.T. -0.005 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16



Tgt Ion: 45 Resp: 229150  
Ion Ratio Lower Upper  
45 100  
77 12.1 0.0 32.6  
79 9.6 0.0 30.2





#17

2-Methylphenol

Concen: 48.241 ng

RT: 8.265 min Scan# 81

Delta R.T. 0.007 min

Lab File: BG058655.D

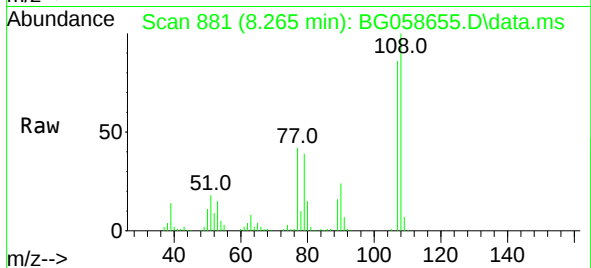
Acq: 9 Aug 2023 12:16

Instrument :

BNA\_G

ClientSampleId :

TP-1MS



Tgt Ion:107 Resp: 130190

Ion Ratio Lower Upper

107 100

108 116.7 89.1 133.7

77 49.4 36.2 54.4

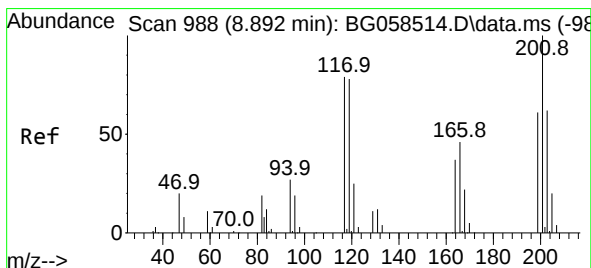
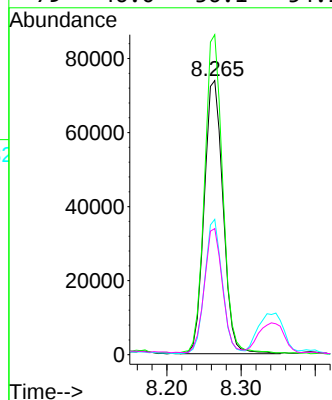
79 46.0 36.1 54.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/10/2023



#18

Hexachloroethane

Concen: 45.097 ng

RT: 8.893 min Scan# 988

Delta R.T. 0.001 min

Lab File: BG058655.D

Acq: 9 Aug 2023 12:16

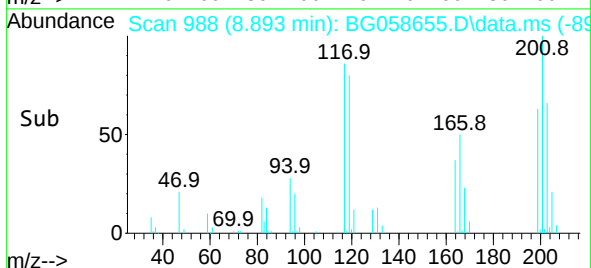
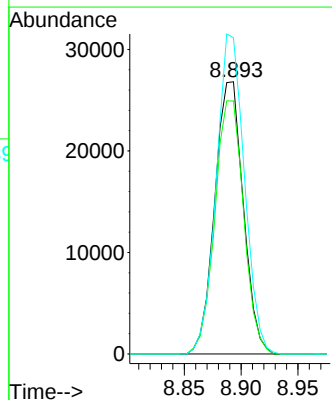
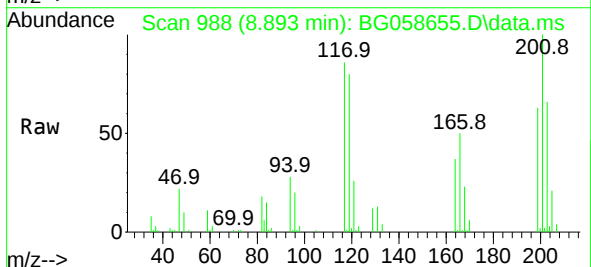
Tgt Ion:117 Resp: 46817

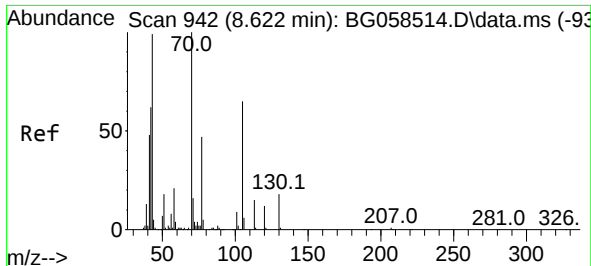
Ion Ratio Lower Upper

117 100

119 92.2 78.6 117.8

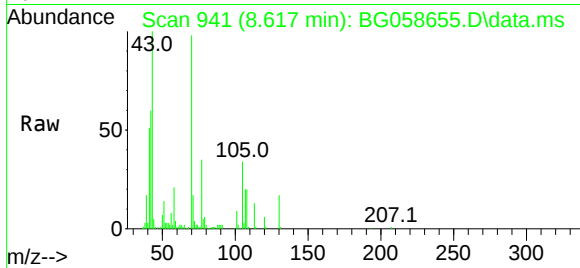
201 117.8 101.4 152.0





#19  
n-Nitroso-di-n-propylamine  
Concen: 48.352 ng  
RT: 8.617 min Scan# 941  
Delta R.T. -0.005 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16

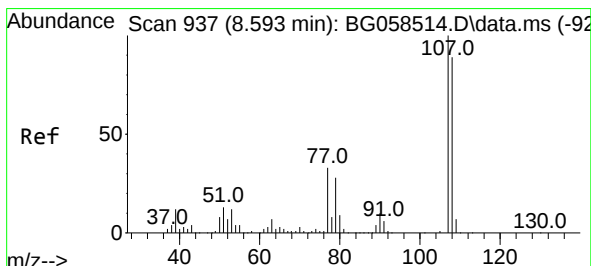
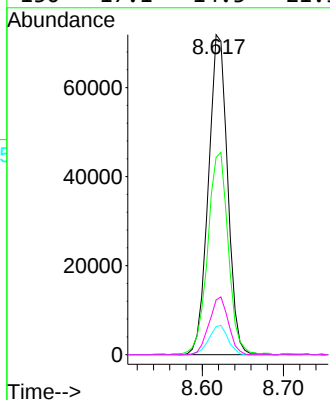
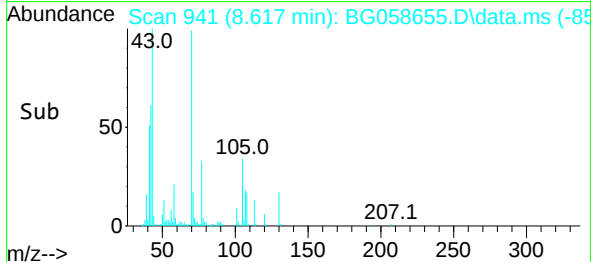
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MS



Tgt Ion: 70 Resp: 118008  
Ion Ratio Lower Upper  
70 100  
42 61.7 49.7 74.5  
101 8.8 7.0 10.4  
130 17.1 14.3 21.5

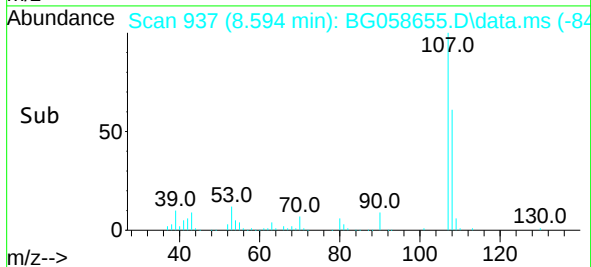
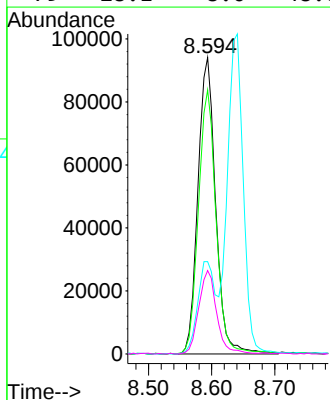
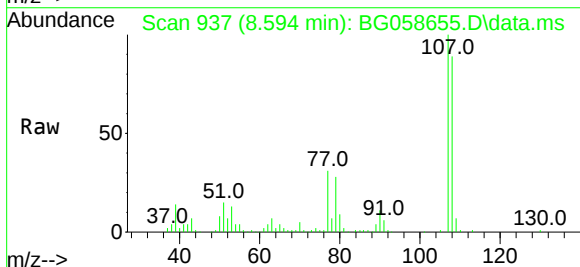
Manual Integrations  
APPROVED

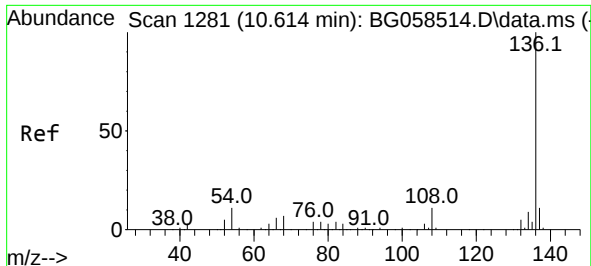
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/10/2023



#20  
3+4-Methylphenols  
Concen: 50.151 ng  
RT: 8.594 min Scan# 937  
Delta R.T. 0.001 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16

Tgt Ion:107 Resp: 183076  
Ion Ratio Lower Upper  
107 100  
108 89.1 69.4 109.4  
77 31.1 13.0 53.0  
79 28.1 8.0 48.0





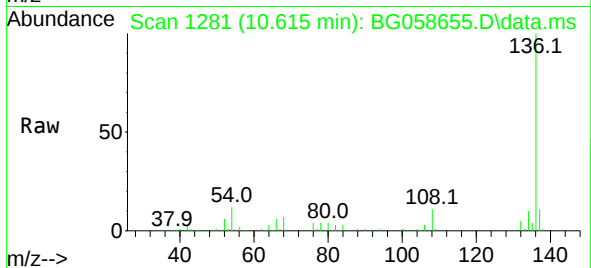
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.615 min Scan# 1281  
Delta R.T. 0.001 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16

Instrument :

BNA\_G

ClientSampleId :

TP-1MS

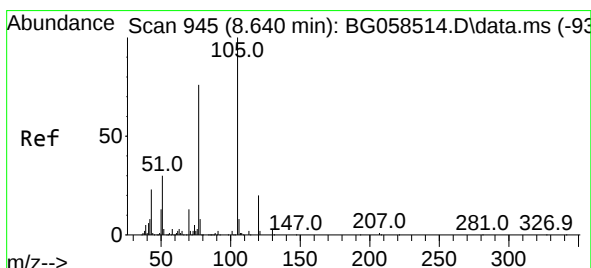
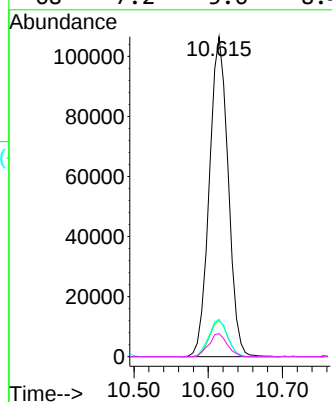
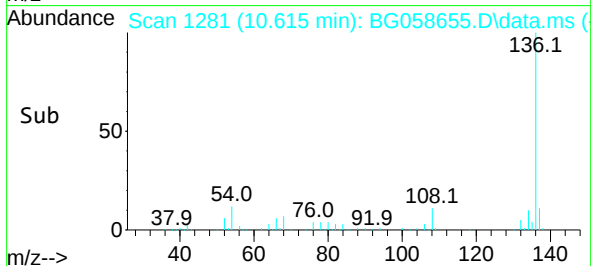


Tgt Ion:136 Resp: 187643  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.6 13.0  
54 11.7 8.9 13.3  
68 7.2 5.6 8.4

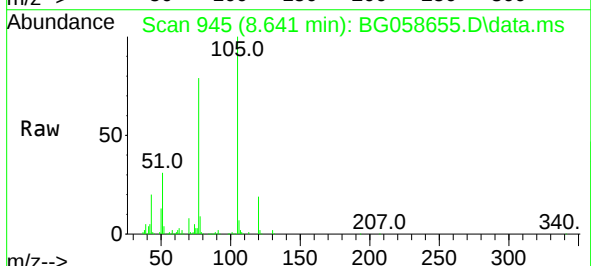
Manual Integrations

APPROVED

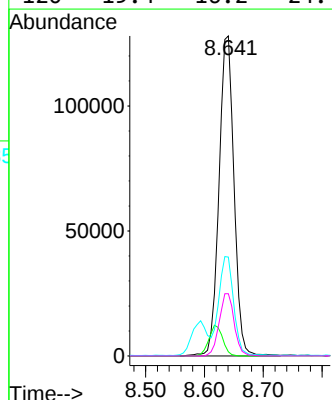
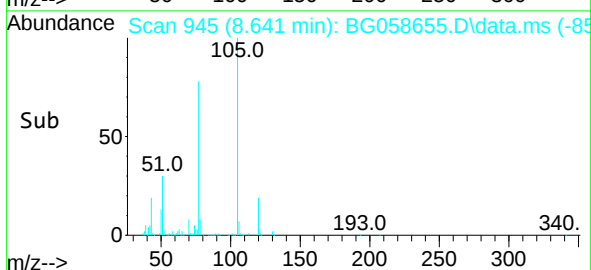
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/10/2023

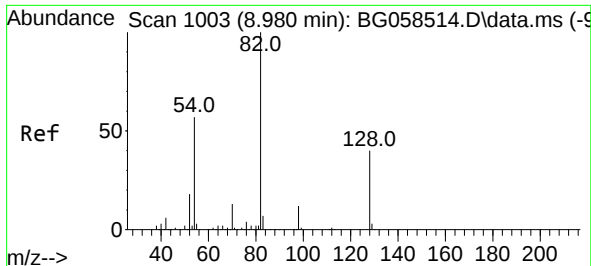


#22  
Acetophenone  
Concen: 45.238 ng  
RT: 8.641 min Scan# 945  
Delta R.T. 0.001 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16



Tgt Ion:105 Resp: 227291  
Ion Ratio Lower Upper  
105 100  
71 1.3 1.8 2.6#  
51 30.9 24.2 36.2  
120 19.4 16.2 24.4





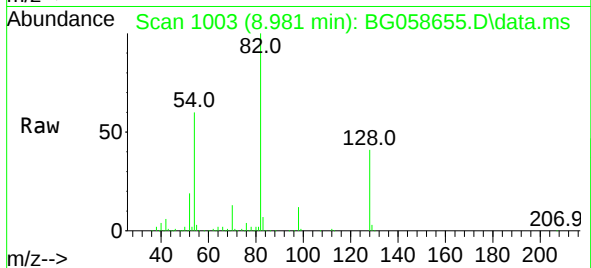
#23  
Nitrobenzene-d5  
Concen: 83.746 ng  
RT: 8.981 min Scan# 1003  
Delta R.T. 0.001 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16

Instrument :

BNA\_G

ClientSampleId :

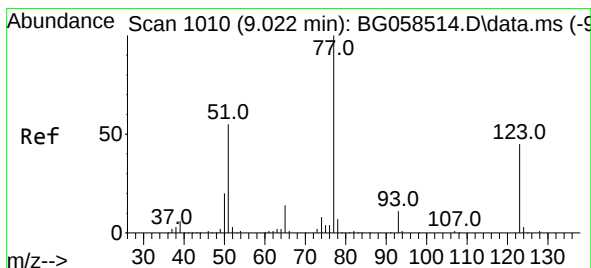
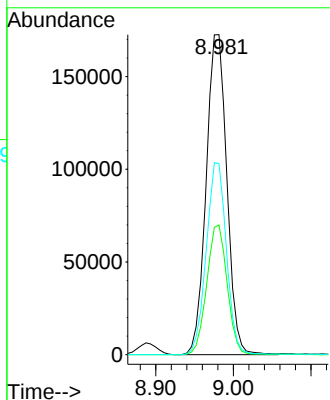
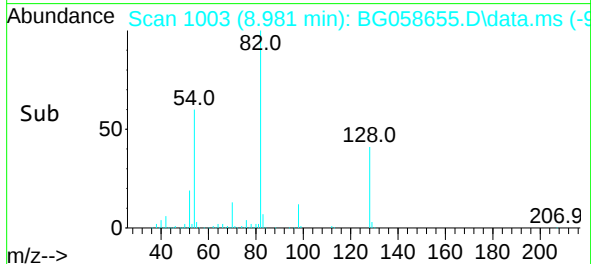
TP-1MS



Tgt Ion: 82 Resp: 31988  
Ion Ratio Lower Upper  
82 100  
128 40.6 32.2 48.2  
54 59.7 46.0 69.0

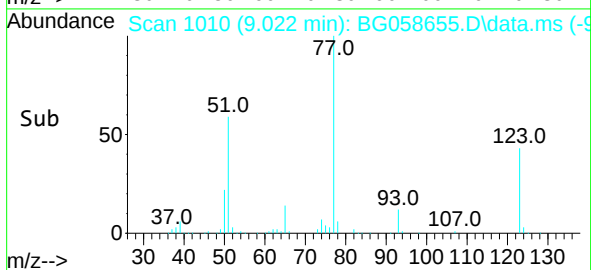
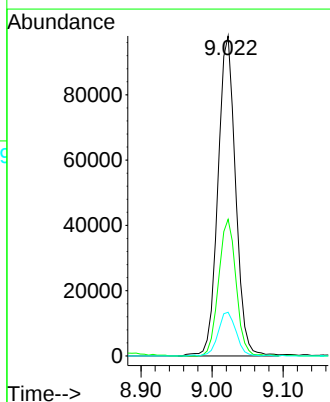
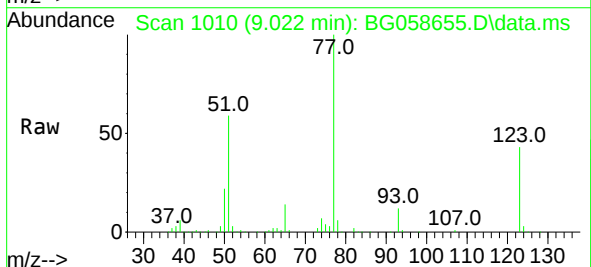
Manual Integrations  
APPROVED

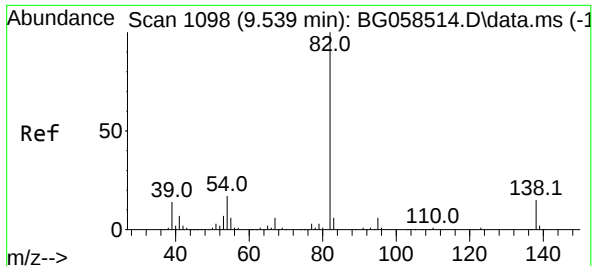
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/10/2023



#24  
Nitrobenzene  
Concen: 43.391 ng  
RT: 9.022 min Scan# 1010  
Delta R.T. 0.001 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16

Tgt Ion: 77 Resp: 168498  
Ion Ratio Lower Upper  
77 100  
123 42.7 35.6 53.4  
65 13.7 11.4 17.0





#25

Isophorone

Concen: 45.459 ng

RT: 9.539 min Scan# 1098

Delta R.T. 0.001 min

Lab File: BG058655.D

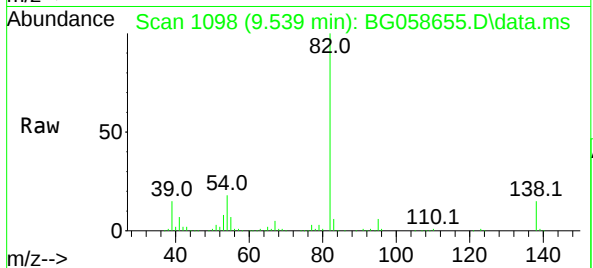
Acq: 9 Aug 2023 12:16

Instrument :

BNA\_G

ClientSampleId :

TP-1MS



Tgt Ion: 82 Resp: 358760

Ion Ratio Lower Upper

82 100

95 6.5 5.1 7.7

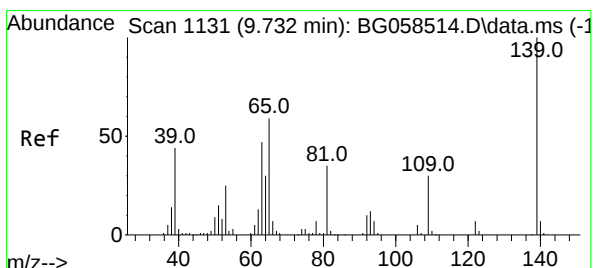
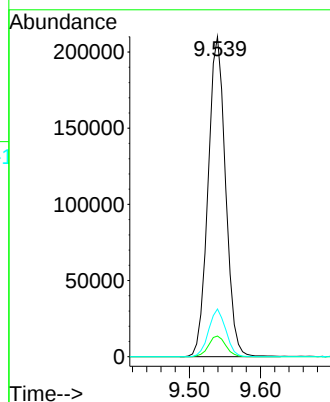
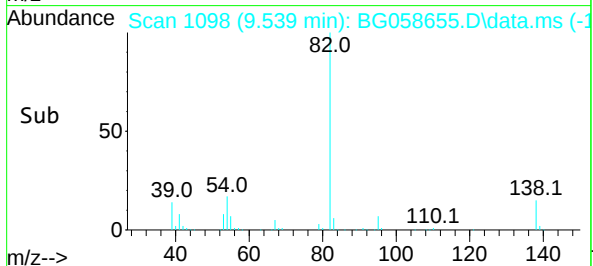
138 14.9 11.9 17.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/10/2023



#26

2-Nitrophenol

Concen: 44.685 ng

RT: 9.733 min Scan# 1131

Delta R.T. 0.001 min

Lab File: BG058655.D

Acq: 9 Aug 2023 12:16

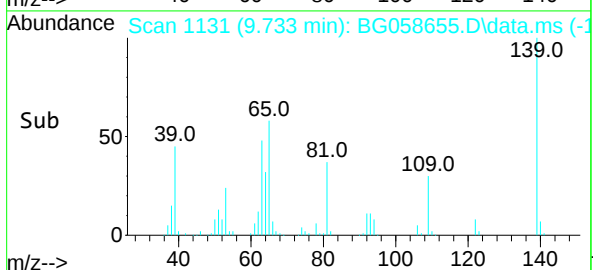
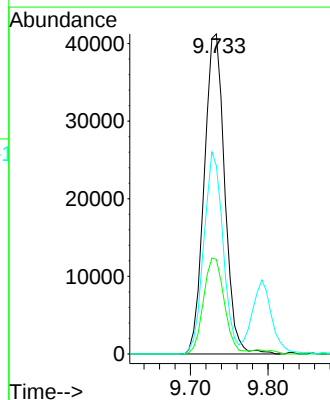
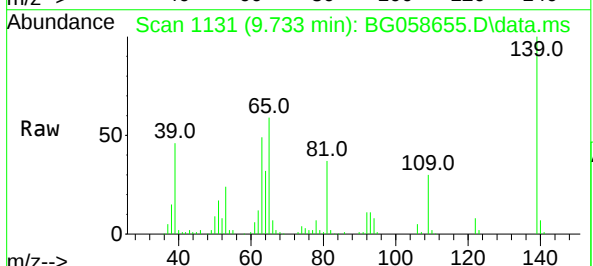
Tgt Ion:139 Resp: 75534

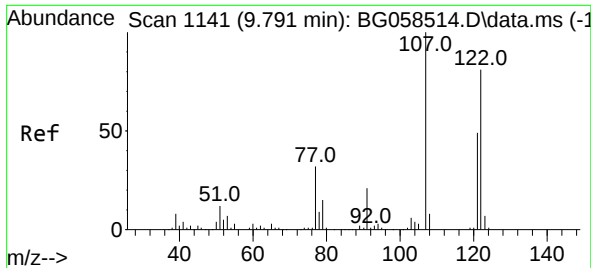
Ion Ratio Lower Upper

139 100

109 29.6 24.2 36.2

65 58.8 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 46.614 ng

RT: 9.792 min Scan# 1141

Delta R.T. 0.001 min

Lab File: BG058655.D

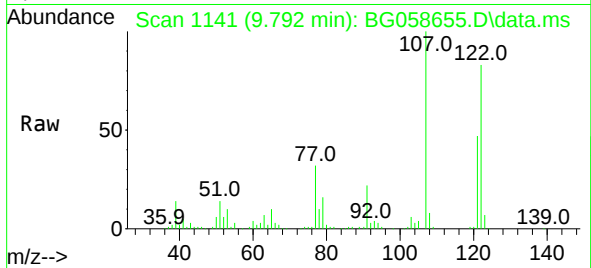
Acq: 9 Aug 2023 12:16

Instrument :

BNA\_G

ClientSampleId :

TP-1MS



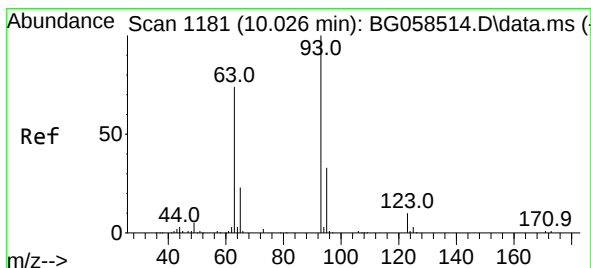
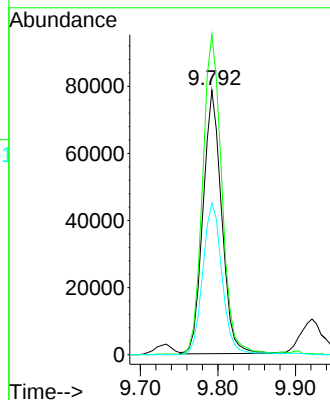
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 122   | Resp: | 130699 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 121.0 | 98.0  | 147.0  |
| 121       | 57.3  | 47.8  | 71.6   |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/10/2023



#28

bis(2-Chloroethoxy)methane

Concen: 45.635 ng

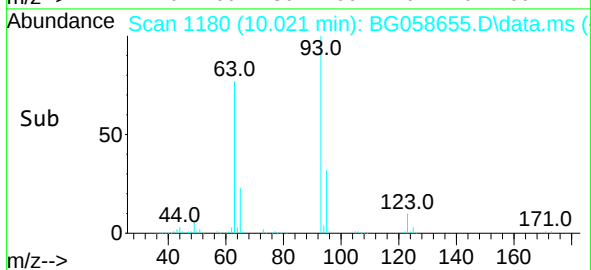
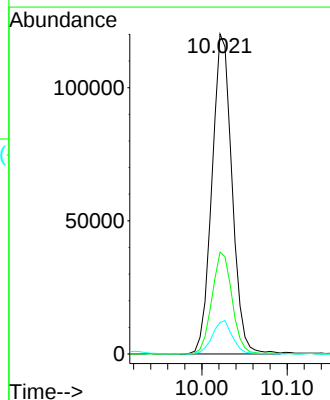
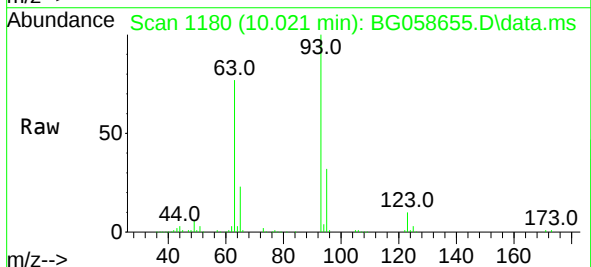
RT: 10.021 min Scan# 1180

Delta R.T. -0.005 min

Lab File: BG058655.D

Acq: 9 Aug 2023 12:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 195999 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 31.9  | 26.0  | 39.0   |
| 123       | 9.8   | 7.8   | 11.8   |





#29

2,4-Dichlorophenol

Concen: 50.264 ng

RT: 10.268 min Scan# 1222

Delta R.T. 0.001 min

Lab File: BG058655.D

Acq: 9 Aug 2023 12:16

Instrument :

BNA\_G

ClientSampleId :

TP-1MS

Tgt Ion:162 Resp: 146328

Ion Ratio Lower Upper

162 100

164 69.5 47.6 87.6

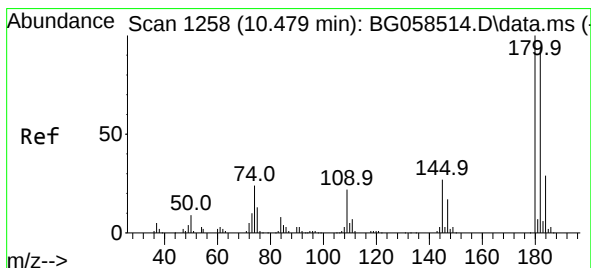
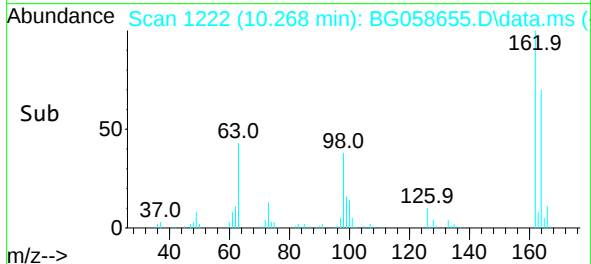
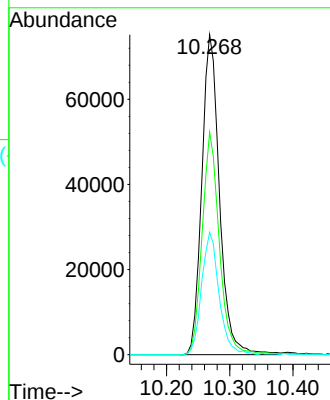
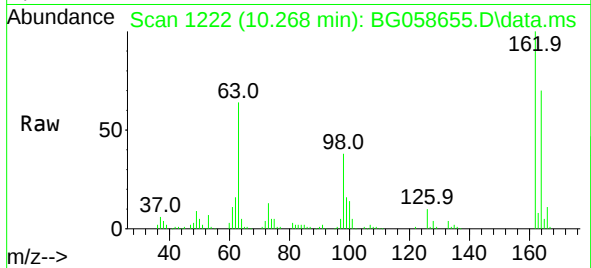
98 38.2 17.1 57.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/10/2023



#30

1,2,4-Trichlorobenzene

Concen: 43.129 ng

RT: 10.480 min Scan# 1258

Delta R.T. 0.001 min

Lab File: BG058655.D

Acq: 9 Aug 2023 12:16

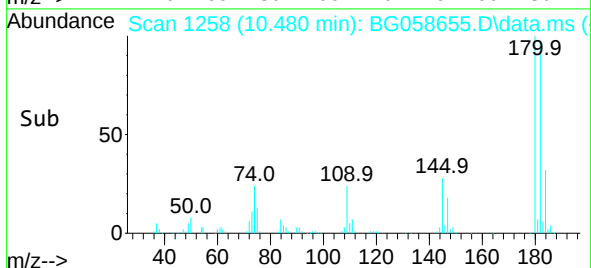
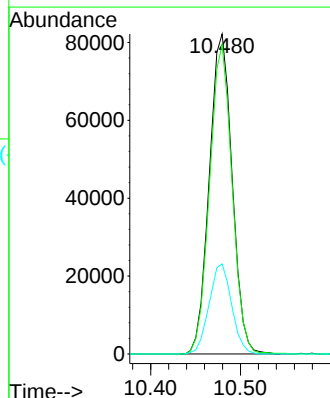
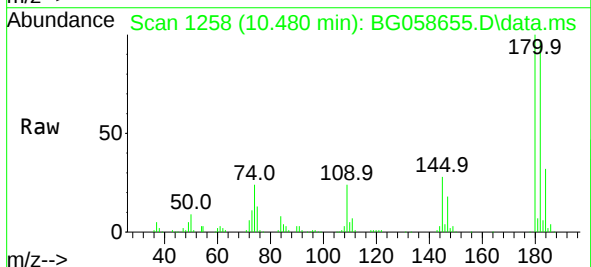
Tgt Ion:180 Resp: 144797

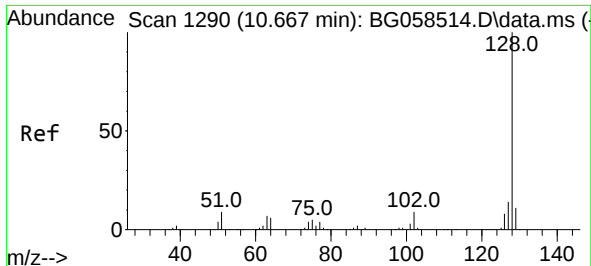
Ion Ratio Lower Upper

180 100

182 96.6 75.0 112.4

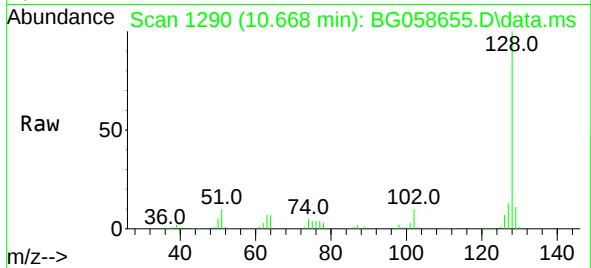
145 28.1 21.9 32.9





#31  
Naphthalene  
Concen: 42.462 ng  
RT: 10.668 min Scan# 1163  
Delta R.T. 0.001 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16

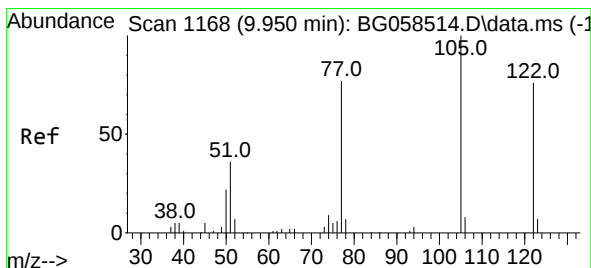
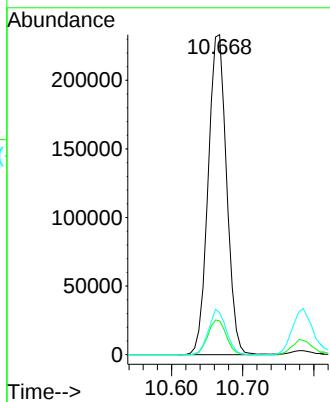
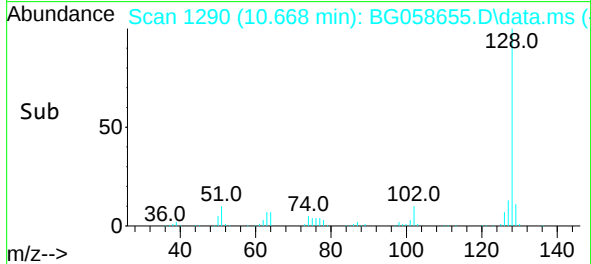
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MS



Tgt Ion:128 Resp: 41994  
Ion Ratio Lower Upper  
128 100  
129 10.5 8.8 13.2  
127 13.1 10.9 16.3

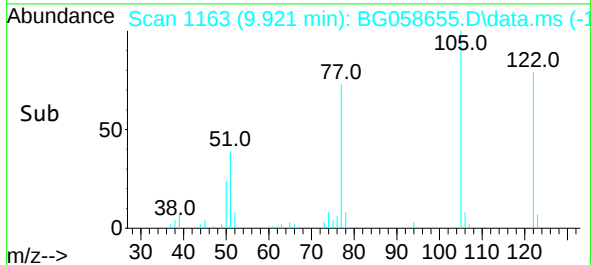
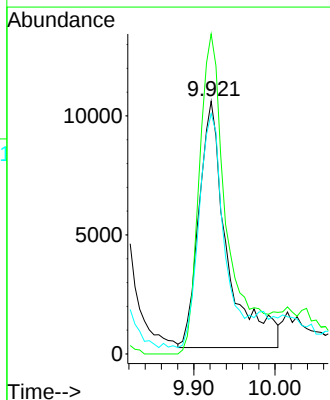
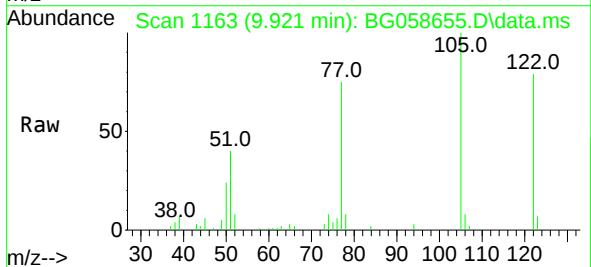
Manual Integrations  
APPROVED

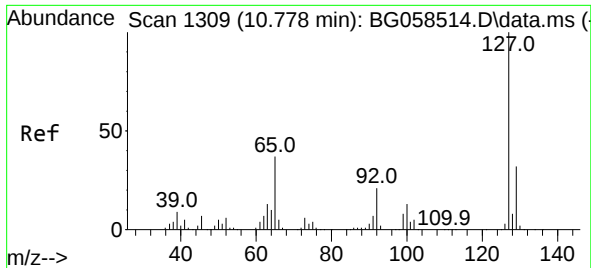
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/10/2023



#32  
Benzoic acid  
Concen: 15.101 ng m  
RT: 9.921 min Scan# 1163  
Delta R.T. -0.029 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16

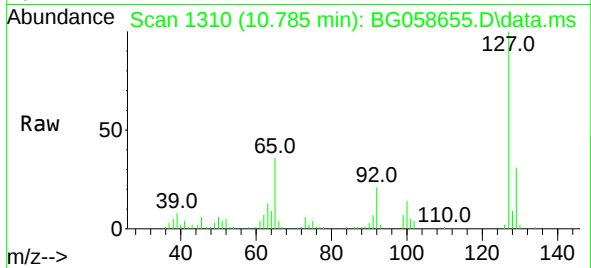
Tgt Ion:122 Resp: 24927  
Ion Ratio Lower Upper  
122 100  
105 126.6 106.5 146.5  
77 95.1 78.1 118.1





#33  
4-Chloroaniline  
Concen: 17.482 ng  
RT: 10.785 min Scan# 11  
Delta R.T. 0.007 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16

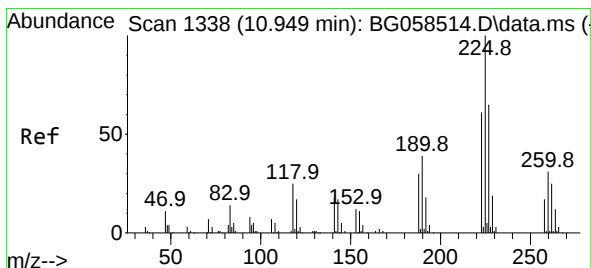
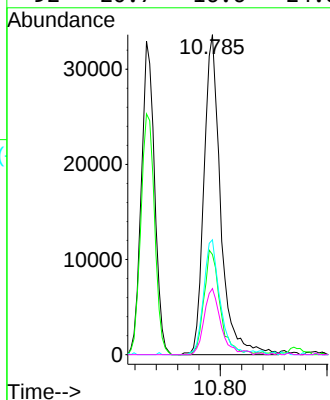
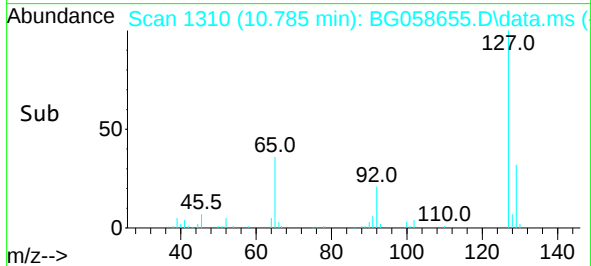
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MS



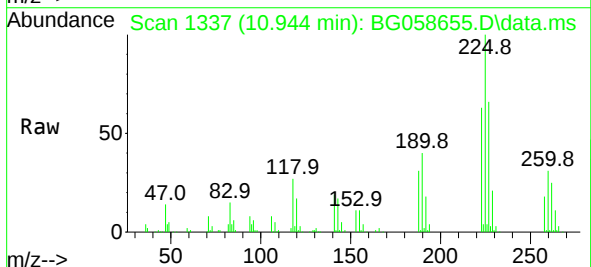
Tgt Ion:127 Resp: 73048  
Ion Ratio Lower Upper  
127 100  
129 31.3 25.4 38.2  
65 35.9 29.5 44.3  
92 20.7 16.6 24.8

Manual Integrations  
APPROVED

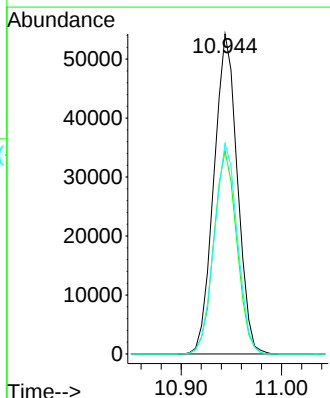
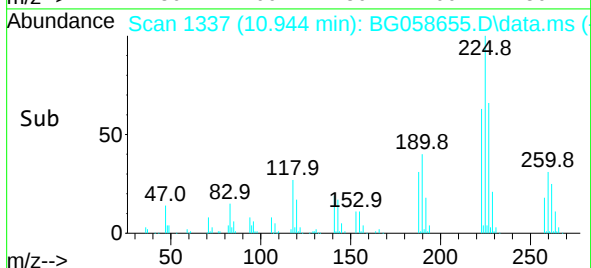
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/10/2023

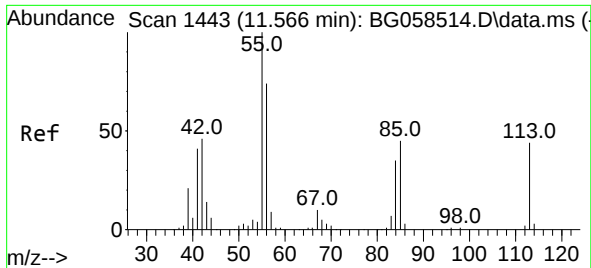


#34  
Hexachlorobutadiene  
Concen: 40.702 ng  
RT: 10.944 min Scan# 1337  
Delta R.T. -0.005 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16



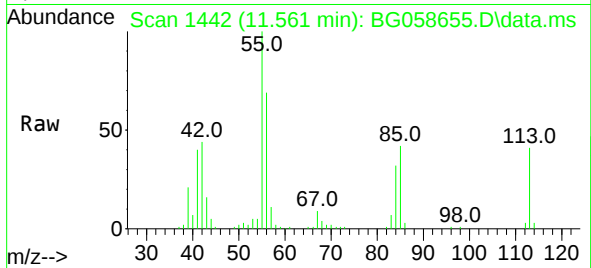
Tgt Ion:225 Resp: 88003  
Ion Ratio Lower Upper  
225 100  
223 63.5 49.0 73.6  
227 65.8 51.7 77.5





#35  
Caprolactam  
Concen: 41.536 ng m  
RT: 11.561 min Scan# 1443  
Delta R.T. -0.005 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16

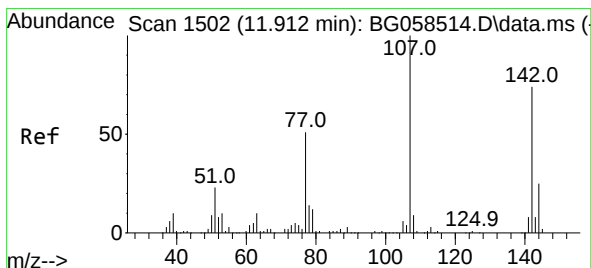
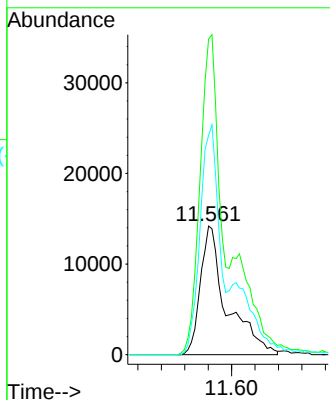
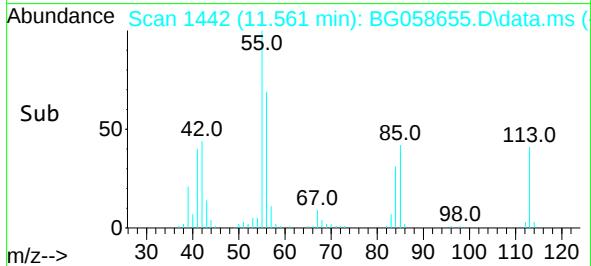
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MS



Tgt Ion:113 Resp: 4465  
Ion Ratio Lower Upper  
113 100  
55 245.5 208.0 248.0  
56 170.6 148.6 188.6

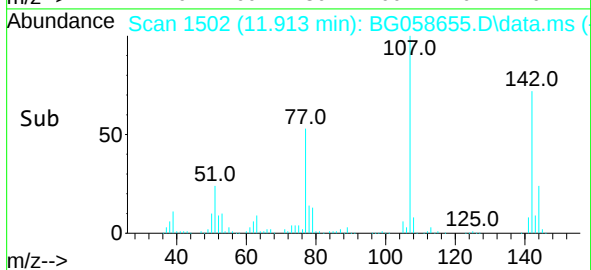
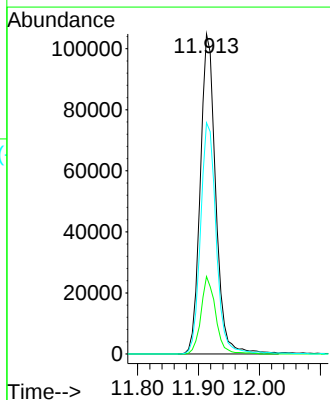
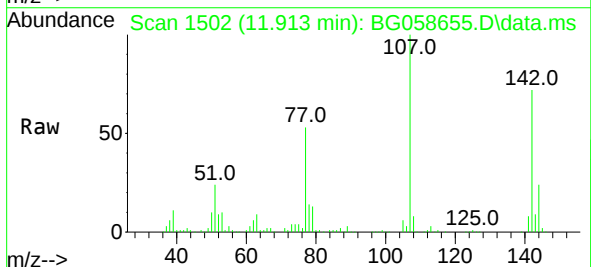
Manual Integrations  
APPROVED

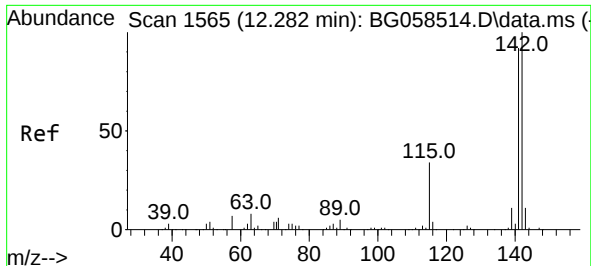
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/10/2023



#36  
4-Chloro-3-methylphenol  
Concen: 51.309 ng  
RT: 11.913 min Scan# 1502  
Delta R.T. 0.001 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16

Tgt Ion:107 Resp: 184778  
Ion Ratio Lower Upper  
107 100  
144 24.2 19.6 29.4  
142 72.2 59.3 88.9





#37

2-Methylnaphthalene

Concen: 42.933 ng

RT: 12.277 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG058655.D

Acq: 9 Aug 2023 12:16

Instrument :

BNA\_G

ClientSampleId :

TP-1MS

Tgt Ion:142 Resp: 303725

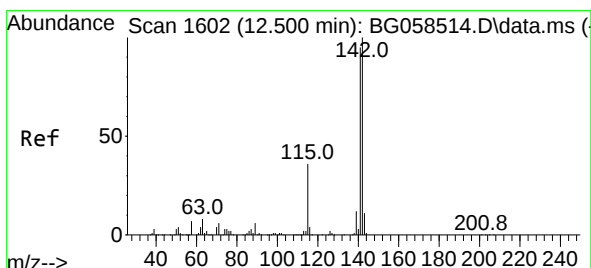
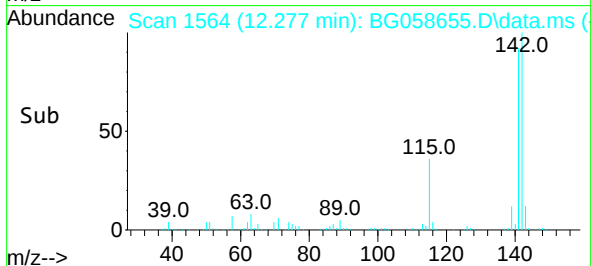
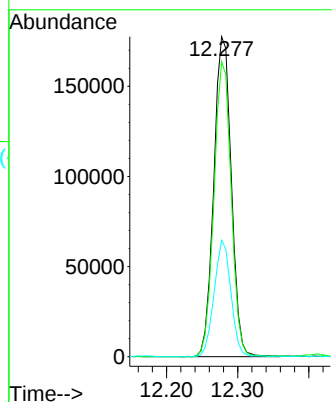
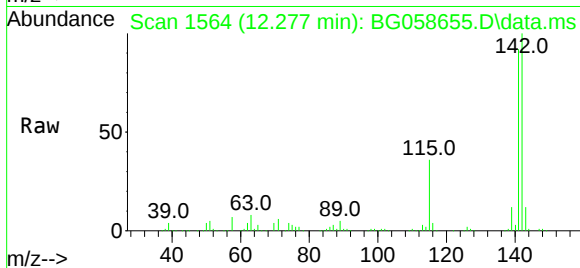
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 141 | 92.2  | 73.5  | 110.3 |
| 115 | 36.4  | 27.4  | 41.0  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/10/2023



#38

1-Methylnaphthalene

Concen: 44.722 ng

RT: 12.501 min Scan# 1602

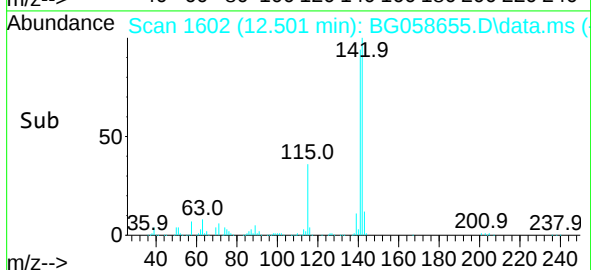
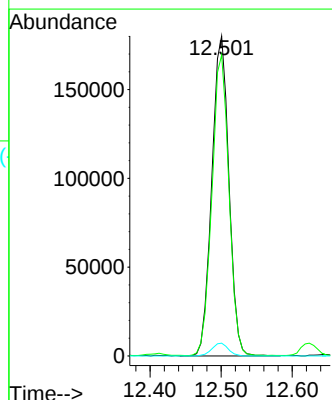
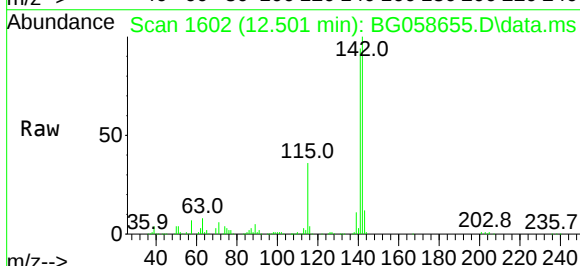
Delta R.T. 0.001 min

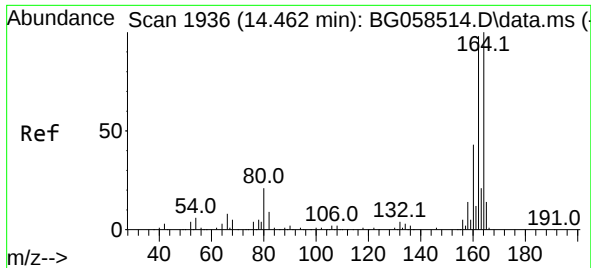
Lab File: BG058655.D

Acq: 9 Aug 2023 12:16

Tgt Ion:142 Resp: 300746

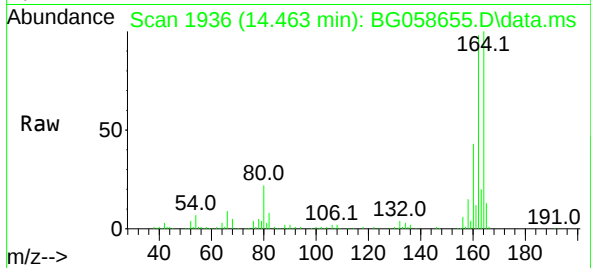
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 141 | 94.1  | 75.7  | 113.5 |
| 116 | 4.0   | 3.2   | 4.8   |





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.463 min Scan# 1936  
Delta R.T. 0.001 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16

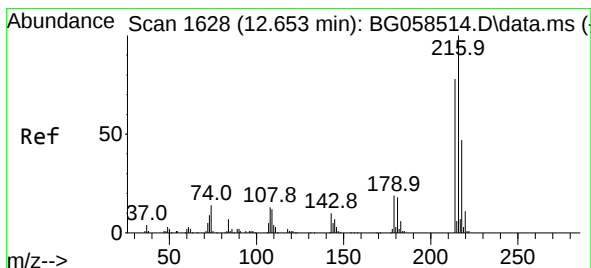
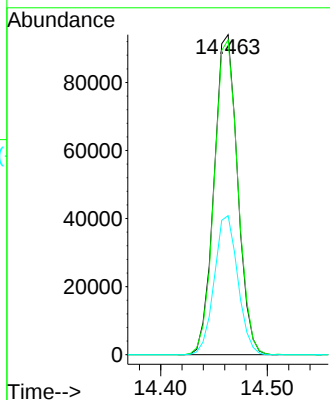
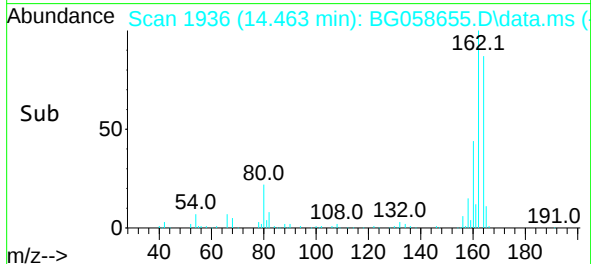
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MS



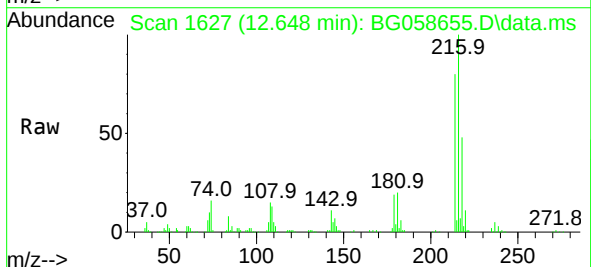
Tgt Ion:164 Resp: 143494  
Ion Ratio Lower Upper  
164 100  
162 98.4 78.3 117.5  
160 43.5 34.1 51.1

Manual Integrations  
APPROVED

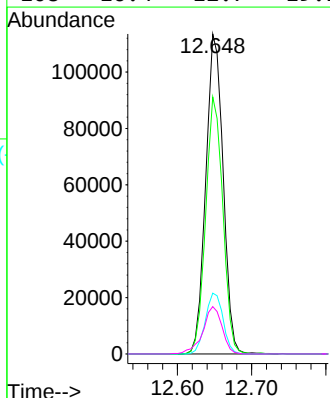
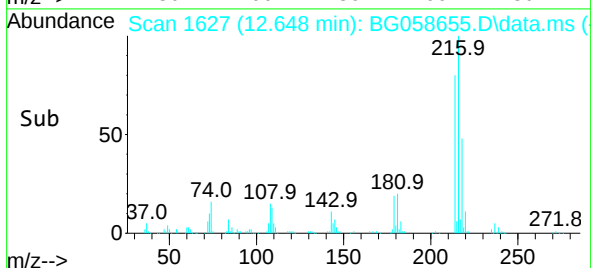
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/10/2023

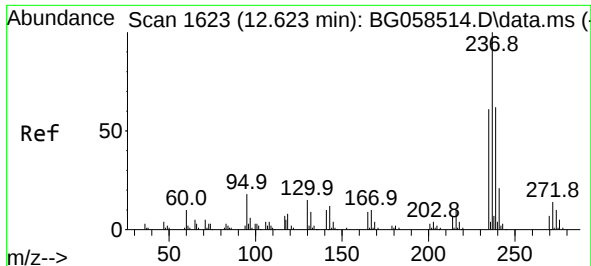


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 41.807 ng  
RT: 12.648 min Scan# 1627  
Delta R.T. -0.005 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16



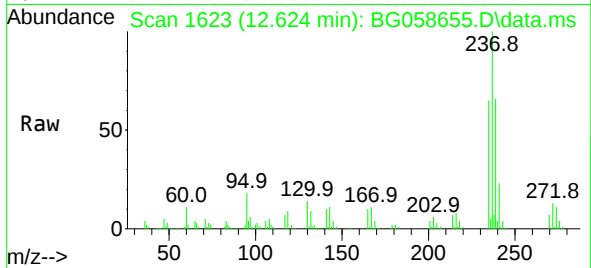
Tgt Ion:216 Resp: 184175  
Ion Ratio Lower Upper  
216 100  
214 79.2 63.1 94.7  
179 19.4 15.6 23.4  
108 16.4 12.7 19.1





#41  
Hexachlorocyclopentadiene  
Concen: 57.011 ng  
RT: 12.624 min Scan# 1  
Delta R.T. 0.001 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16

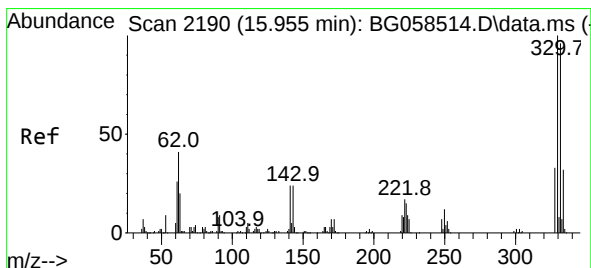
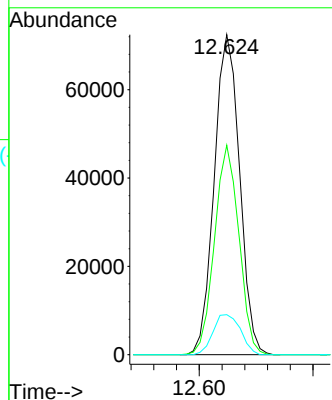
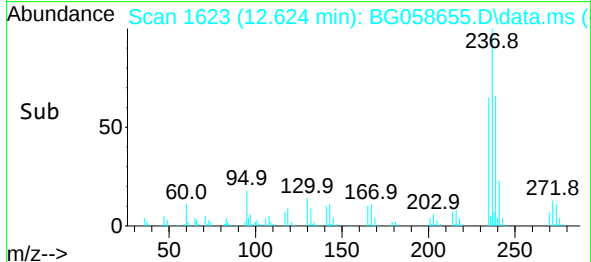
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MS



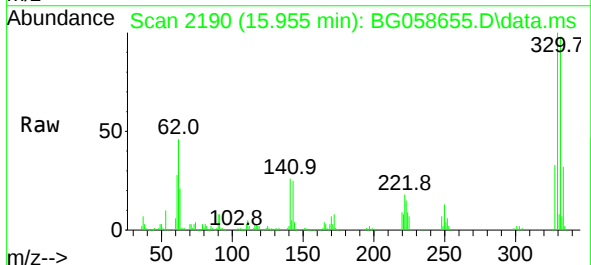
Tgt Ion:237 Resp: 11227  
Ion Ratio Lower Upper  
237 100  
235 65.5 41.0 81.0  
272 12.5 0.0 33.6

Manual Integrations  
APPROVED

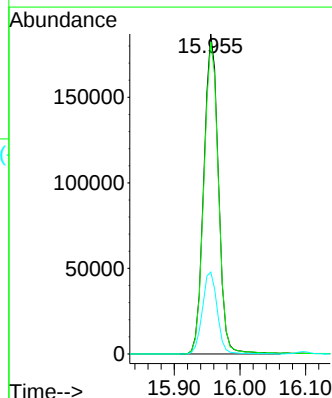
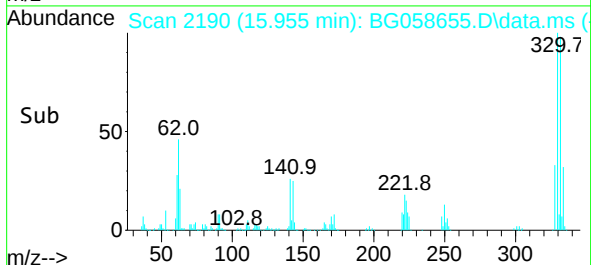
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/10/2023

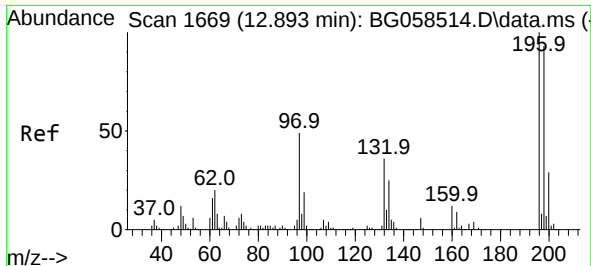


#42  
2,4,6-Tribromophenol  
Concen: 122.866 ng  
RT: 15.955 min Scan# 2190  
Delta R.T. 0.001 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16



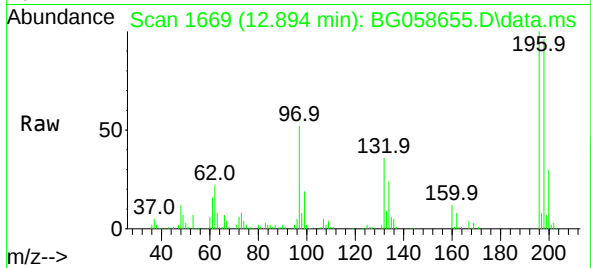
Tgt Ion:330 Resp: 288978  
Ion Ratio Lower Upper  
330 100  
332 97.3 77.5 116.3  
141 26.0 20.7 31.1





#43  
2,4,6-Trichlorophenol  
Concen: 46.276 ng  
RT: 12.894 min Scan# 1669  
Delta R.T. 0.001 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16

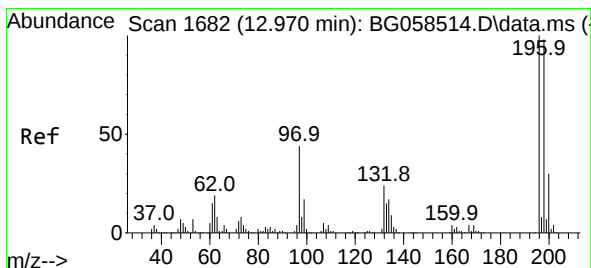
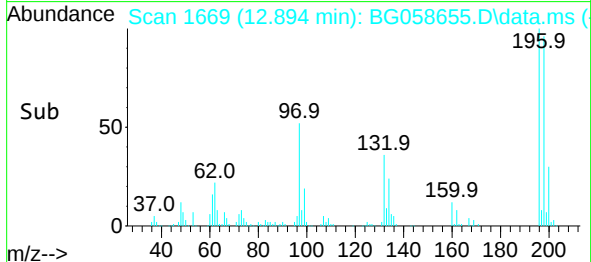
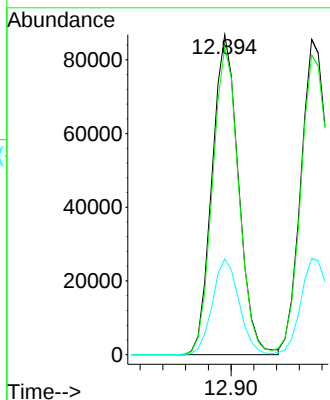
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MS



Tgt Ion:196 Resp: 140220  
Ion Ratio Lower Upper  
196 100  
198 96.1 74.2 111.4  
200 29.9 22.9 34.3

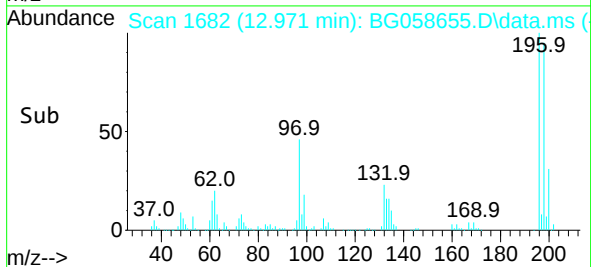
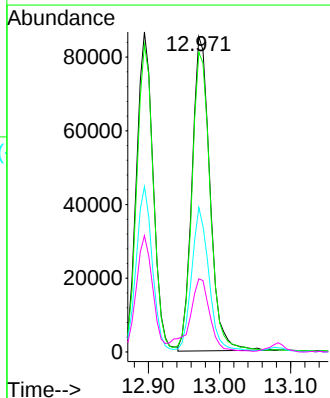
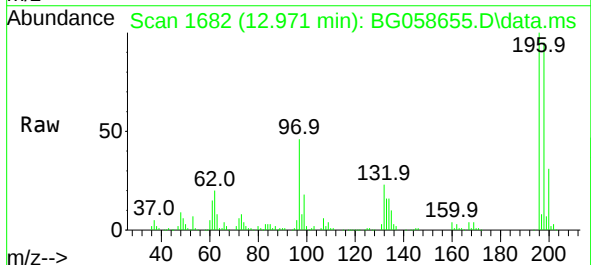
Manual Integrations  
APPROVED

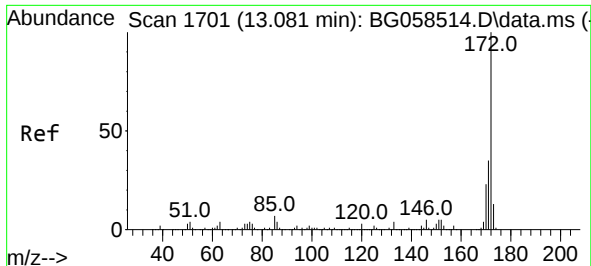
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/10/2023



#44  
2,4,5-Trichlorophenol  
Concen: 41.909 ng  
RT: 12.971 min Scan# 1682  
Delta R.T. 0.001 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16

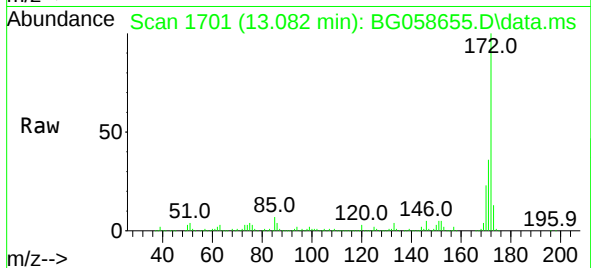
Tgt Ion:196 Resp: 149575  
Ion Ratio Lower Upper  
196 100  
198 95.0 78.3 117.5  
97 45.8 35.2 52.8  
132 23.2 19.4 29.0





#45  
2-Fluorobiphenyl  
Concen: 79.872 ng  
RT: 13.082 min Scan# 1701  
Delta R.T. 0.001 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16

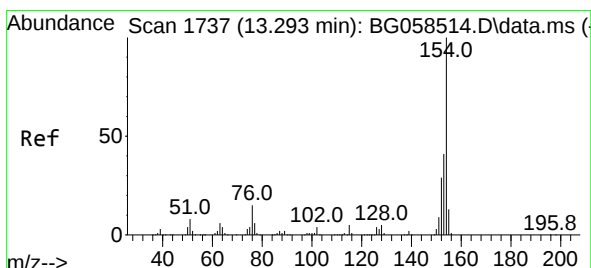
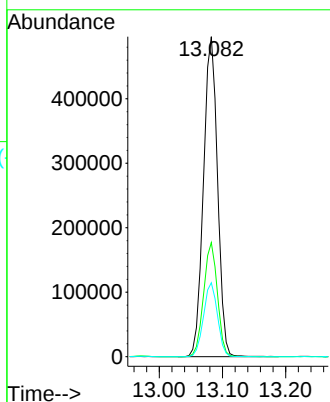
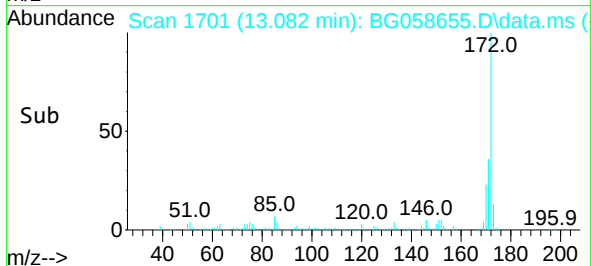
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MS



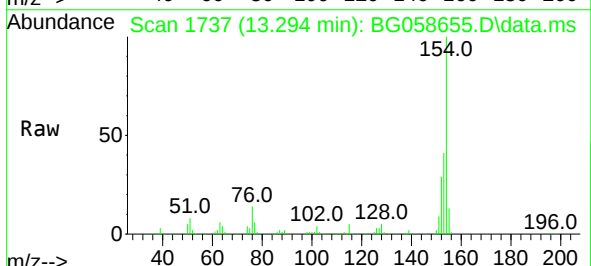
Tgt Ion:172 Resp: 764798  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.0 42.0  
170 23.1 18.4 27.6

Manual Integrations  
APPROVED

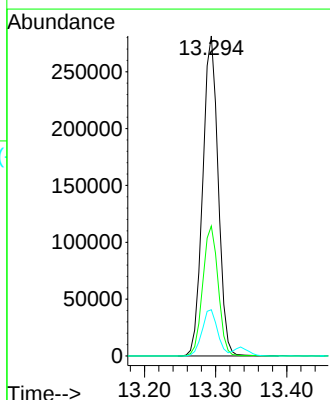
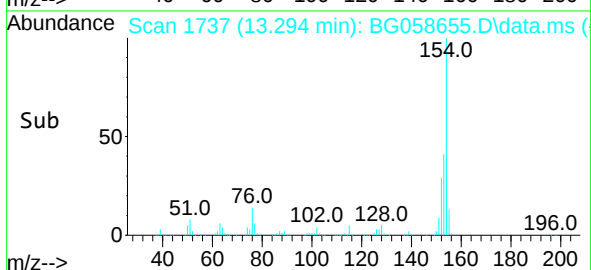
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/10/2023

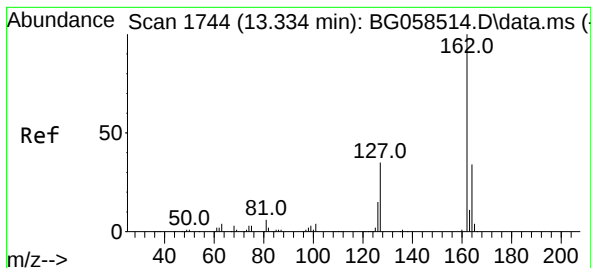


#46  
1,1'-Biphenyl  
Concen: 43.186 ng  
RT: 13.294 min Scan# 1737  
Delta R.T. 0.001 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16



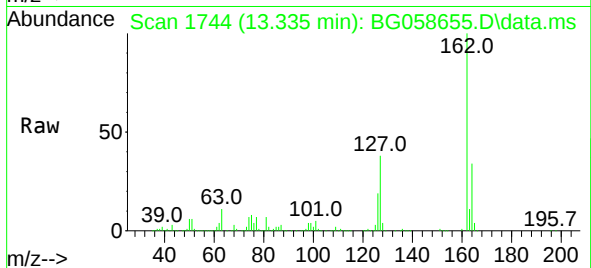
Tgt Ion:154 Resp: 425578  
Ion Ratio Lower Upper  
154 100  
153 40.6 21.2 61.2  
76 14.5 0.0 34.7





#47  
2-Chloronaphthalene  
Concen: 44.242 ng  
RT: 13.335 min Scan# 1744  
Delta R.T. 0.001 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16

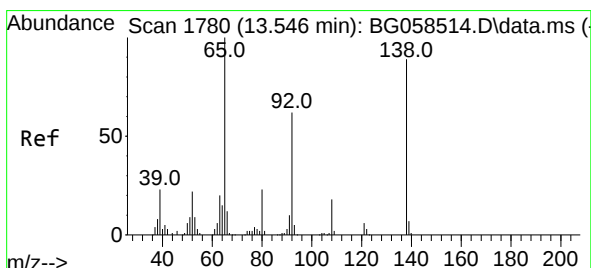
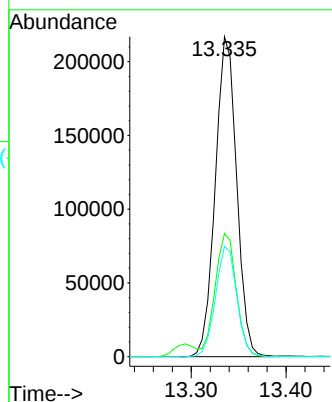
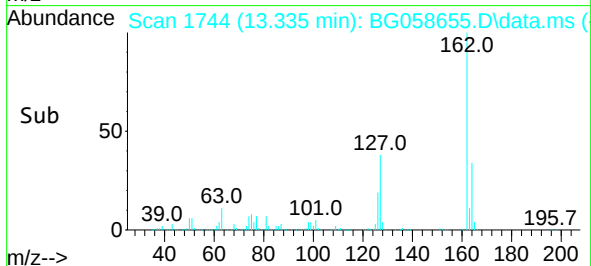
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MS



Tgt Ion:162 Resp: 33993  
Ion Ratio Lower Upper  
162 100  
127 38.5 30.9 46.3  
164 34.5 27.2 40.8

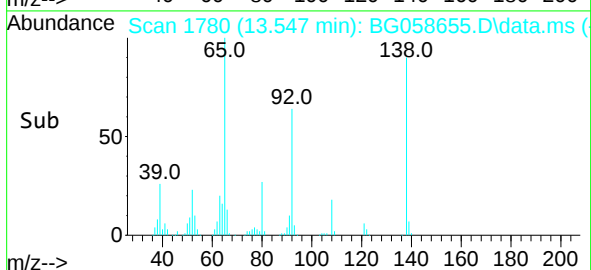
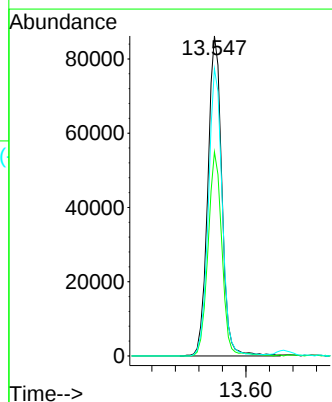
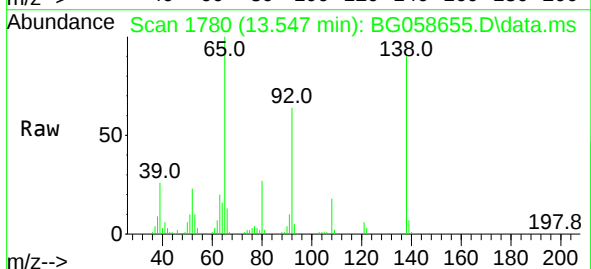
Manual Integrations  
APPROVED

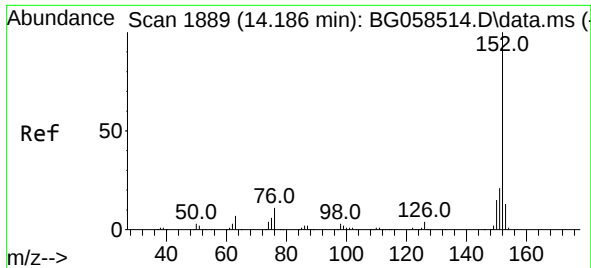
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/10/2023



#48  
2-Nitroaniline  
Concen: 48.659 ng  
RT: 13.547 min Scan# 1780  
Delta R.T. 0.001 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16

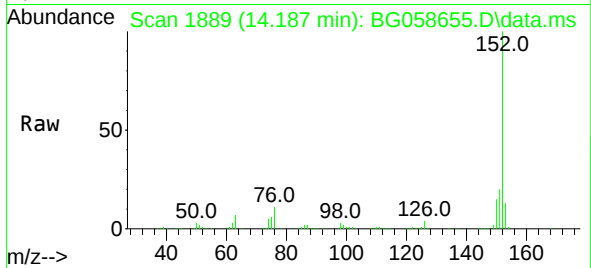
Tgt Ion: 65 Resp: 142704  
Ion Ratio Lower Upper  
65 100  
92 63.7 49.2 73.8  
138 89.8 71.5 107.3





#49  
Acenaphthylene  
Concen: 44.707 ng  
RT: 14.187 min Scan# 1889  
Delta R.T. 0.001 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16

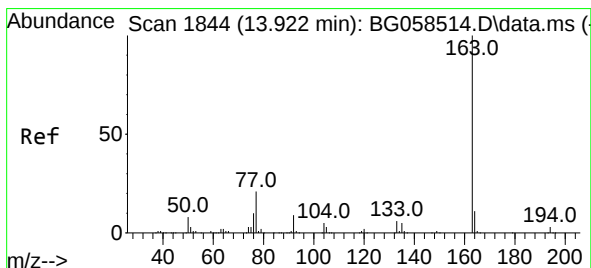
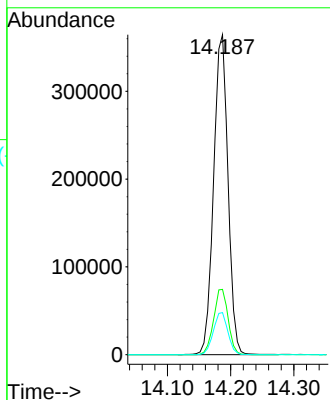
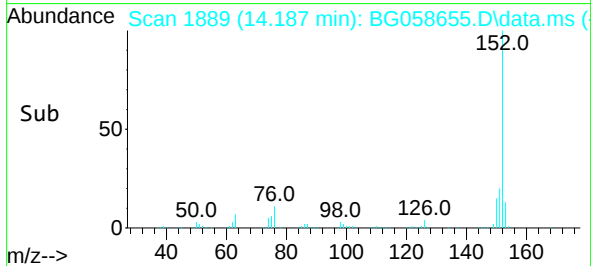
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MS



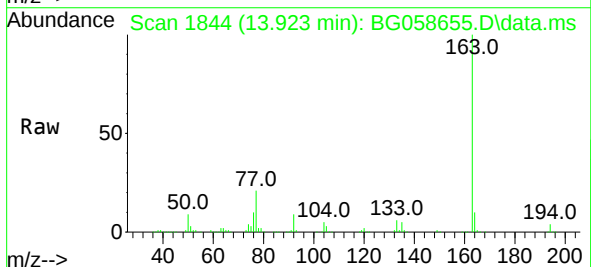
Tgt Ion:152 Resp: 575119  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.5 24.7  
153 13.1 10.7 16.1

Manual Integrations  
APPROVED

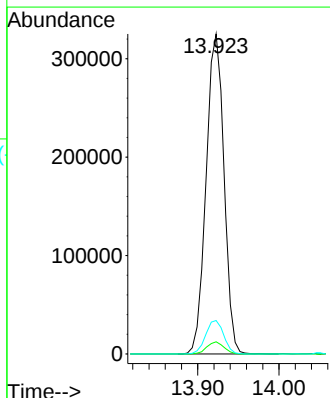
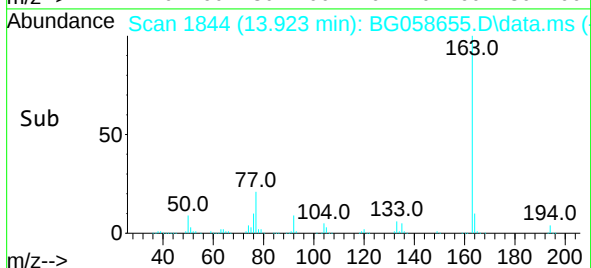
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/10/2023

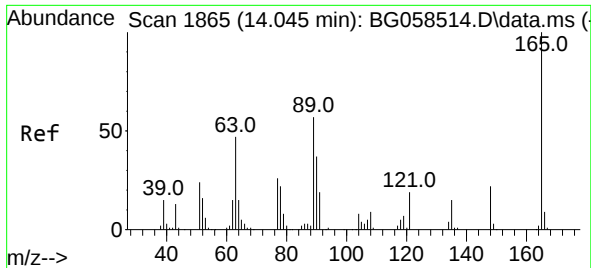


#50  
Dimethylphthalate  
Concen: 46.016 ng  
RT: 13.923 min Scan# 1844  
Delta R.T. 0.001 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16



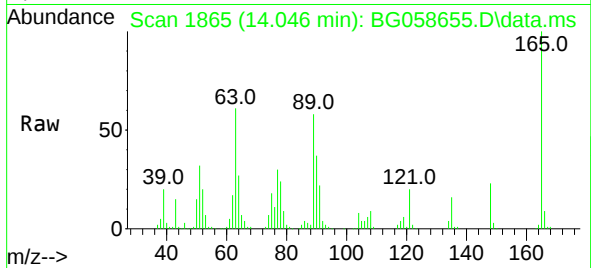
Tgt Ion:163 Resp: 495900  
Ion Ratio Lower Upper  
163 100  
194 3.8 2.7 4.1  
164 10.5 8.6 12.8





#51  
2,6-Dinitrotoluene  
Concen: 45.467 ng  
RT: 14.046 min Scan# 1865  
Delta R.T. 0.001 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16

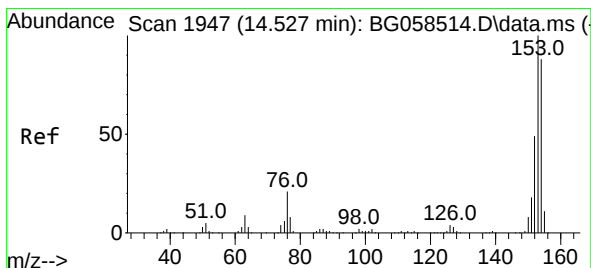
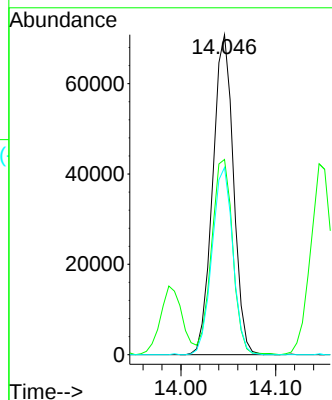
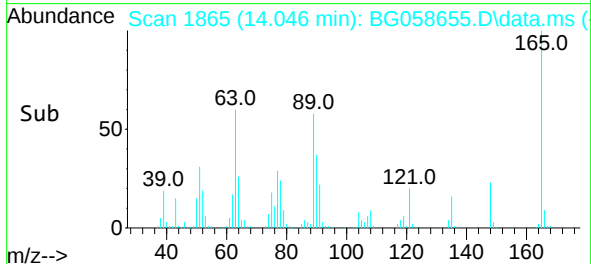
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MS



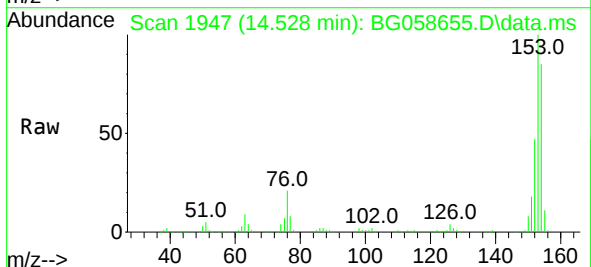
Tgt Ion:165 Resp: 10751  
Ion Ratio Lower Upper  
165 100  
63 61.0 46.4 69.6  
89 58.5 45.3 67.9

Manual Integrations  
APPROVED

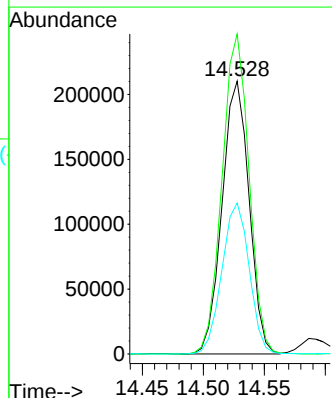
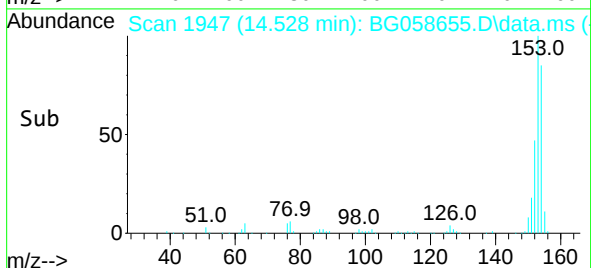
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/10/2023

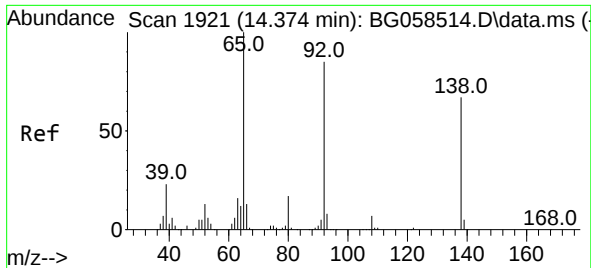


#52  
Acenaphthene  
Concen: 43.609 ng  
RT: 14.528 min Scan# 1947  
Delta R.T. 0.001 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16



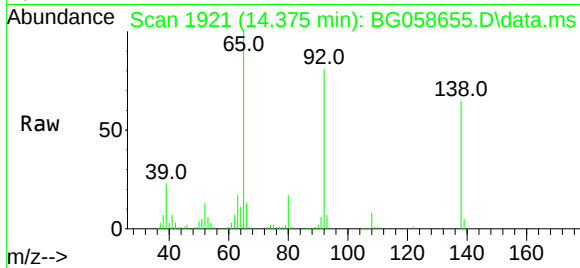
Tgt Ion:154 Resp: 324150  
Ion Ratio Lower Upper  
154 100  
153 117.3 91.1 136.7  
152 55.4 44.6 66.8





#53  
3-Nitroaniline  
Concen: 33.065 ng  
RT: 14.375 min Scan# 1921  
Delta R.T. 0.001 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16

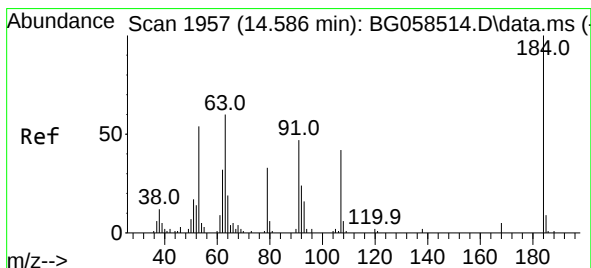
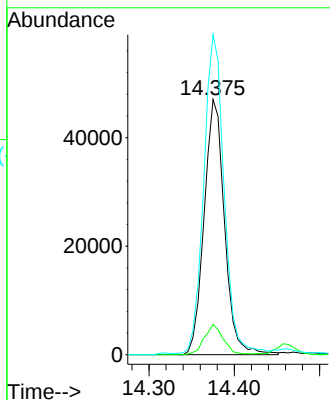
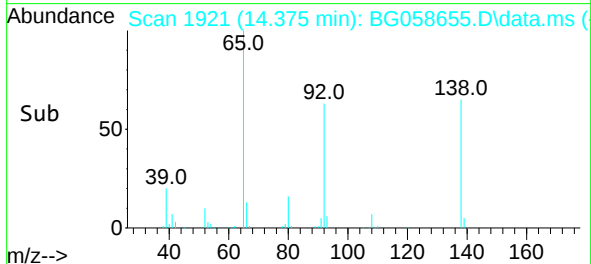
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MS



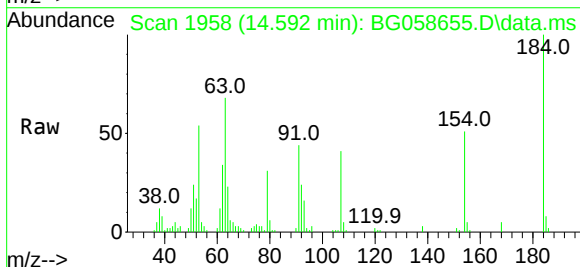
Tgt Ion:138 Resp: 78224  
Ion Ratio Lower Upper  
138 100  
108 11.9 8.3 12.5  
92 125.4 101.1 151.7

Manual Integrations  
APPROVED

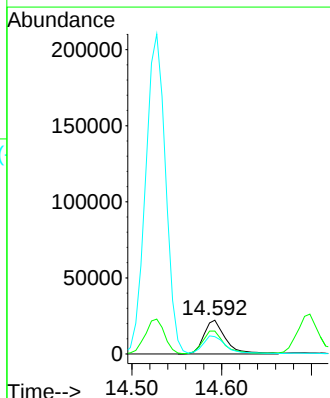
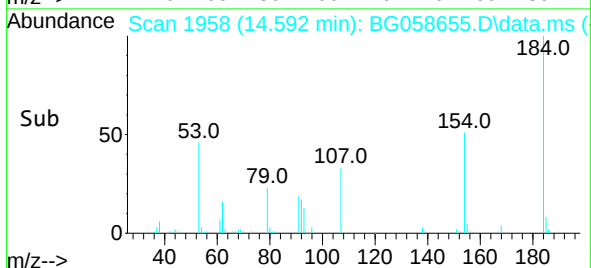
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/10/2023

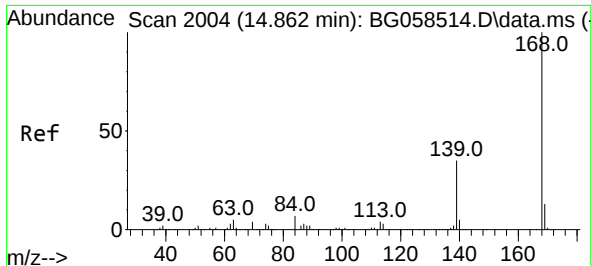


#54  
2,4-Dinitrophenol  
Concen: 32.829 ng  
RT: 14.592 min Scan# 1958  
Delta R.T. 0.006 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16



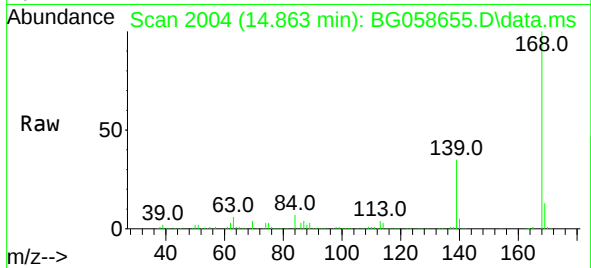
Tgt Ion:184 Resp: 37270  
Ion Ratio Lower Upper  
184 100  
63 67.6 56.7 85.1  
154 51.3 46.1 69.1





#55  
Dibenzenofuran  
Concen: 44.317 ng  
RT: 14.863 min Scan# 2004  
Delta R.T. 0.001 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16

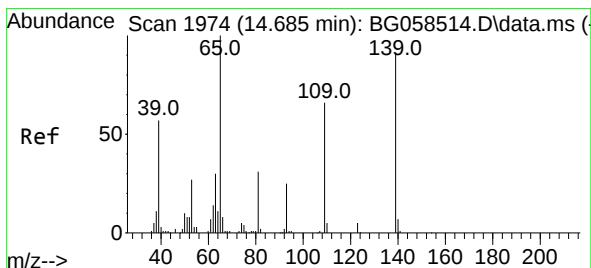
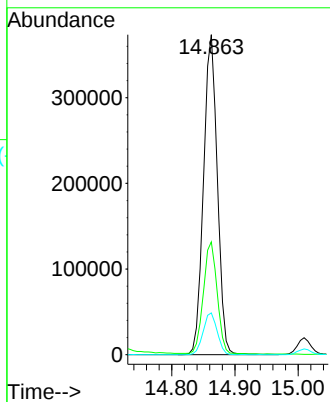
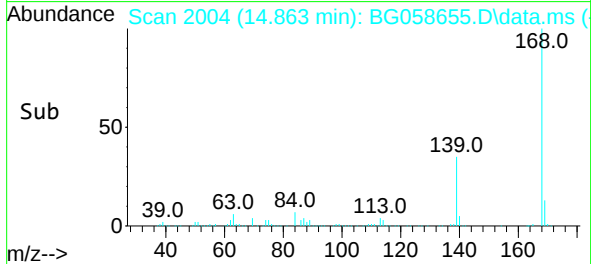
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MS



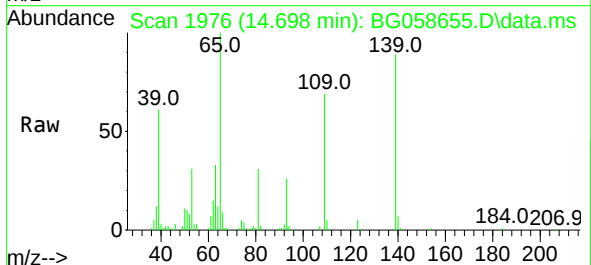
Tgt Ion:168 Resp: 56603  
Ion Ratio Lower Upper  
168 100  
139 35.3 27.8 41.8  
169 13.0 10.6 16.0

Manual Integrations  
APPROVED

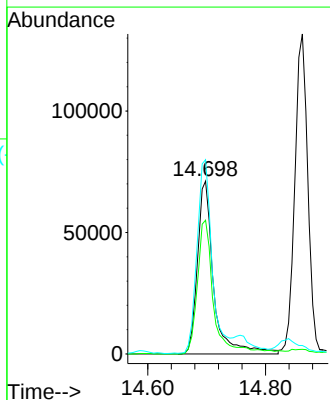
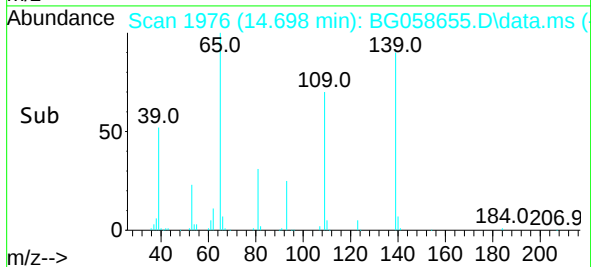
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/10/2023

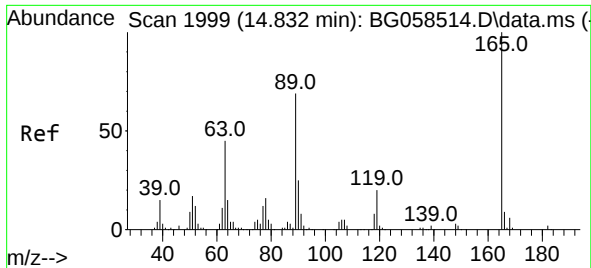


#56  
4-Nitrophenol  
Concen: 78.157 ng  
RT: 14.698 min Scan# 1976  
Delta R.T. 0.013 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16



Tgt Ion:139 Resp: 136872  
Ion Ratio Lower Upper  
139 100  
109 77.4 52.5 92.5  
65 112.4 90.5 130.5





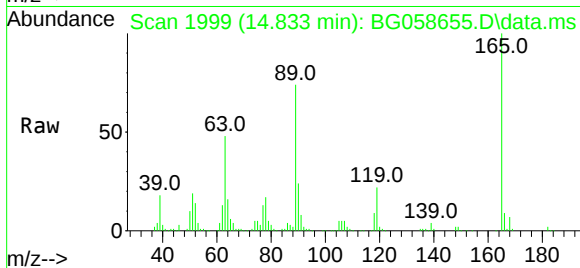
#57  
2,4-Dinitrotoluene  
Concen: 47.470 ng  
RT: 14.833 min Scan# 1999  
Delta R.T. 0.001 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16

Instrument :

BNA\_G

ClientSampleId :

TP-1MS

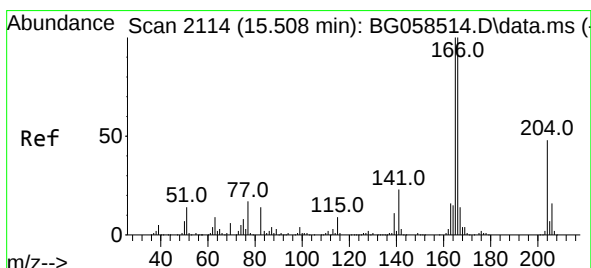
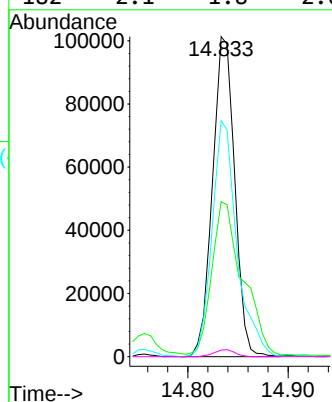
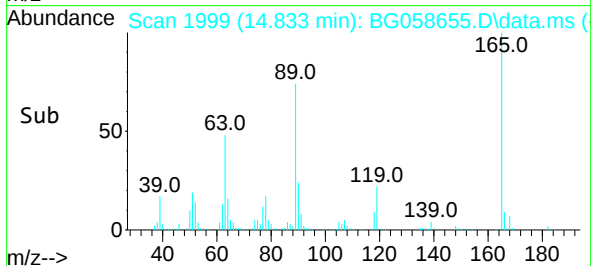


Tgt Ion:165 Resp: 155617  
Ion Ratio Lower Upper  
165 100  
63 48.5 36.6 54.8  
89 73.8 55.4 83.0  
182 2.1 1.8 2.6

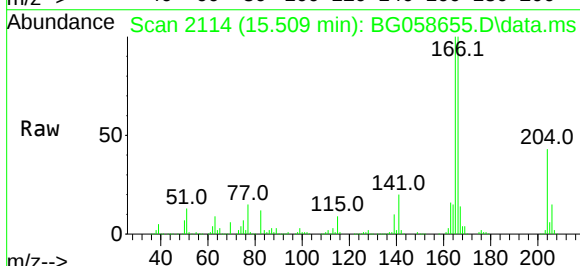
Manual Integrations

APPROVED

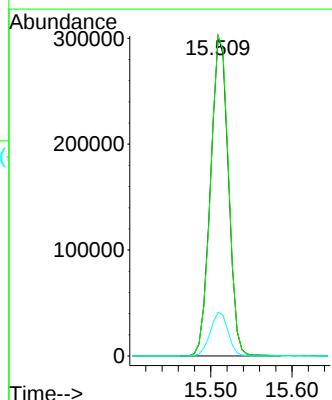
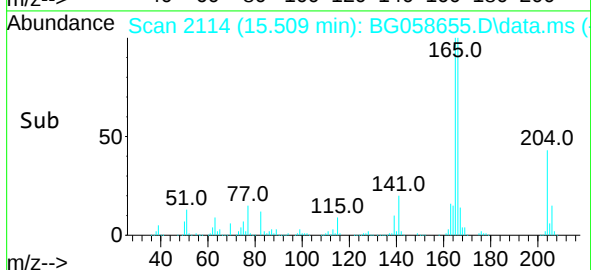
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/10/2023

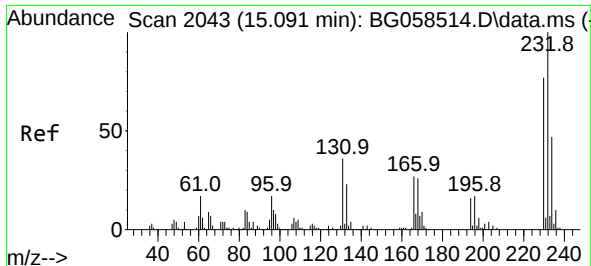


#58  
Fluorene  
Concen: 45.277 ng  
RT: 15.509 min Scan# 2114  
Delta R.T. 0.001 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16



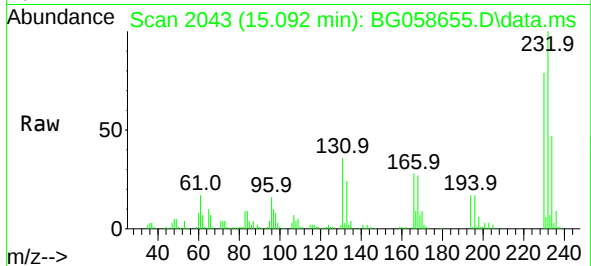
Tgt Ion:166 Resp: 459406  
Ion Ratio Lower Upper  
166 100  
165 100.0 80.0 120.0  
167 13.6 11.3 16.9





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 47.358 ng  
RT: 15.092 min Scan# 2043  
Delta R.T. 0.001 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16

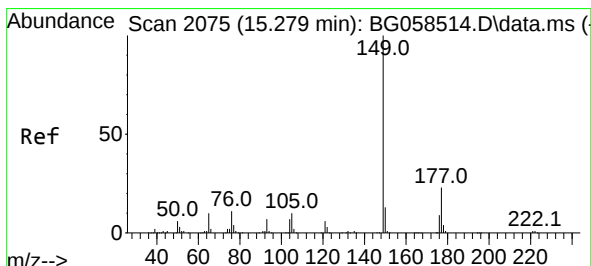
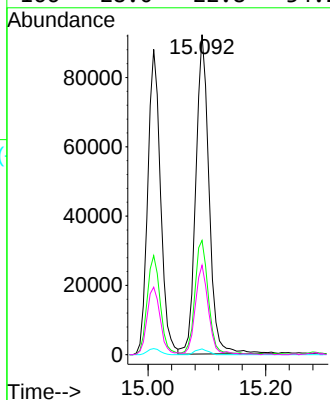
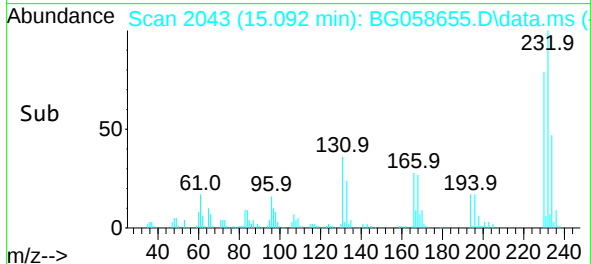
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MS



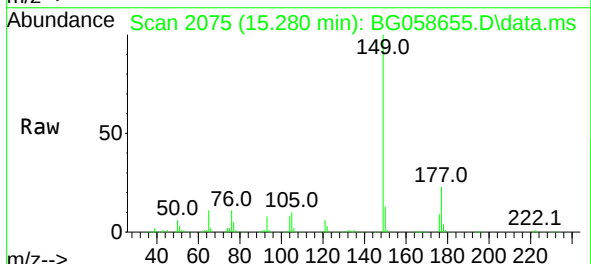
Tgt Ion:232 Resp: 144228  
Ion Ratio Lower Upper  
232 100  
131 36.0 30.0 45.0  
130 1.7 1.5 2.3  
166 28.0 22.8 34.2

Manual Integrations  
APPROVED

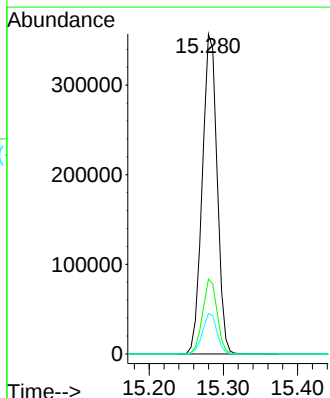
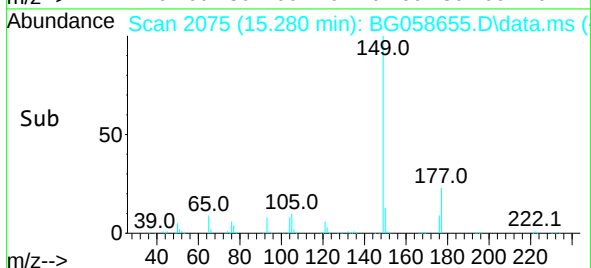
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/10/2023



#60  
Diethylphthalate  
Concen: 45.239 ng  
RT: 15.280 min Scan# 2075  
Delta R.T. 0.001 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16



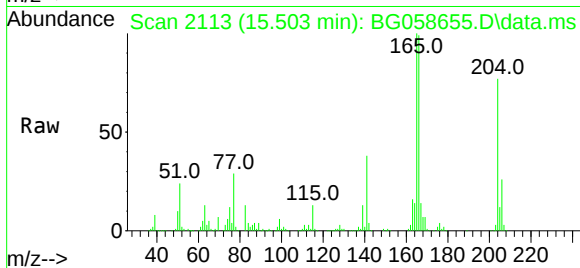
Tgt Ion:149 Resp: 496671  
Ion Ratio Lower Upper  
149 100  
177 23.4 18.2 27.4  
150 12.7 10.2 15.4





#61  
4-Chlorophenyl-phenylether  
Concen: 44.922 ng  
RT: 15.503 min Scan# 2113  
Delta R.T. 0.001 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16

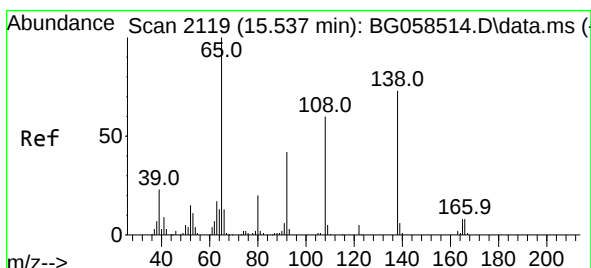
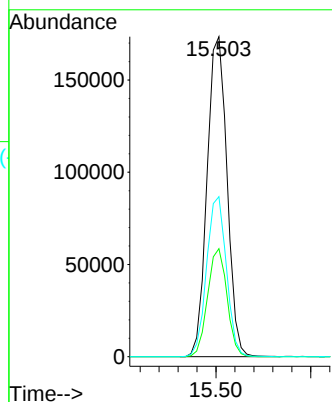
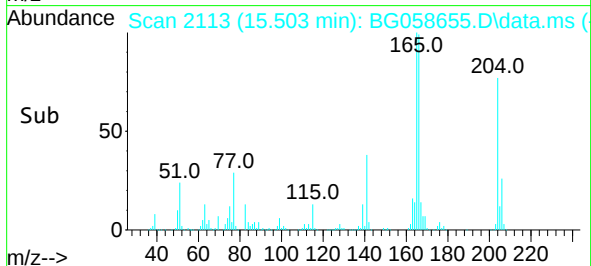
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MS



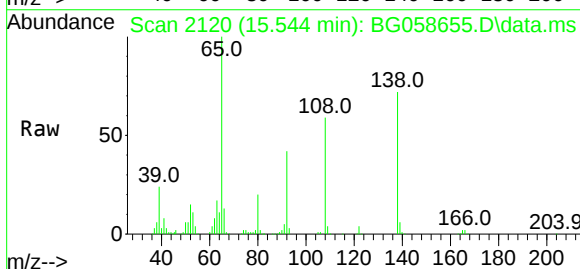
Tgt Ion:204 Resp: 254114  
Ion Ratio Lower Upper  
204 100  
206 33.8 27.0 40.4  
141 50.0 40.8 61.2

Manual Integrations  
APPROVED

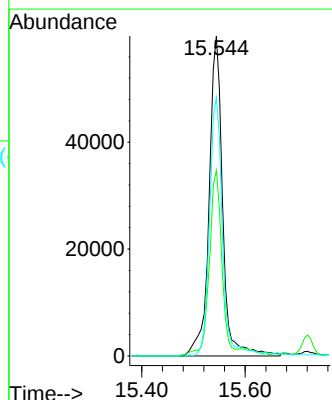
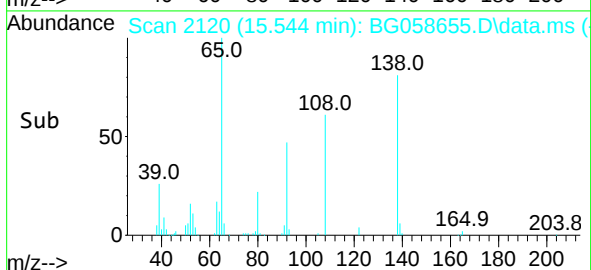
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/10/2023

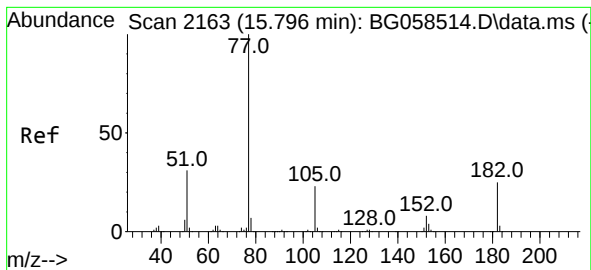


#62  
4-Nitroaniline  
Concen: 48.608 ng  
RT: 15.544 min Scan# 2120  
Delta R.T. 0.007 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16



Tgt Ion:138 Resp: 108935  
Ion Ratio Lower Upper  
138 100  
92 58.0 37.3 77.3  
108 80.8 62.6 102.6





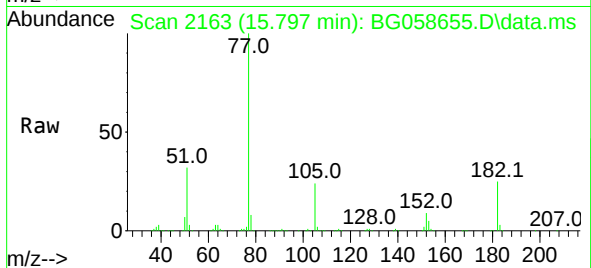
#63  
Azobenzene  
Concen: 45.085 ng  
RT: 15.797 min Scan# 2163  
Delta R.T. 0.001 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16

Instrument :

BNA\_G

ClientSampleId :

TP-1MS

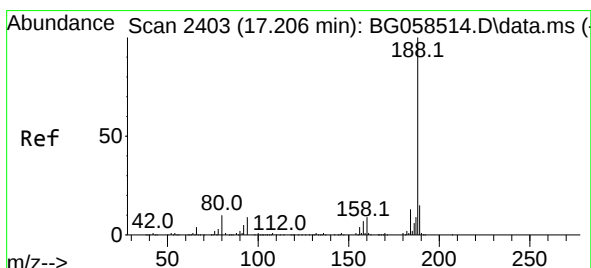
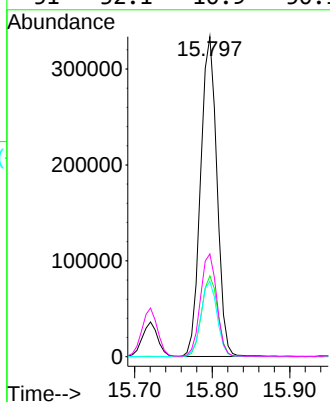
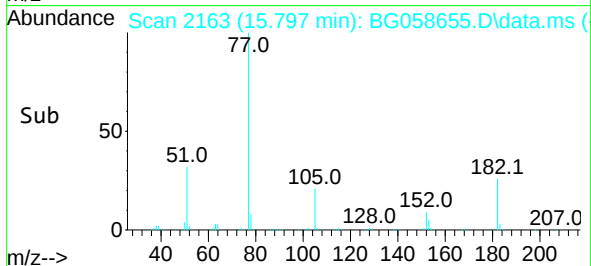


Tgt Ion: 77 Resp: 48753  
Ion Ratio Lower Upper  
77 100  
182 25.3 4.6 44.6  
105 23.5 3.3 43.3  
51 32.1 10.9 50.9

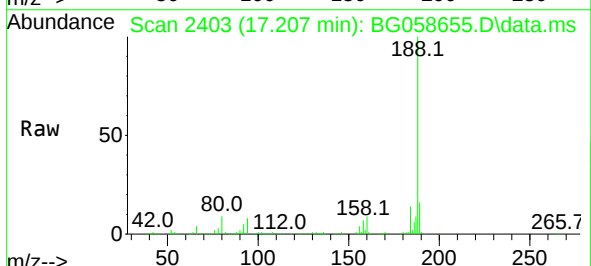
Manual Integrations

APPROVED

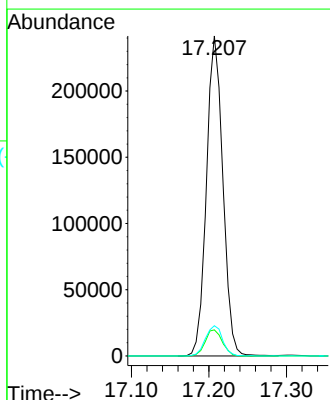
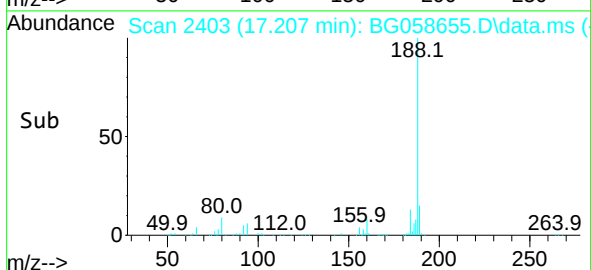
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/10/2023

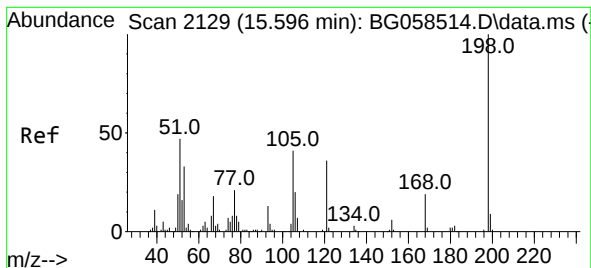


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.207 min Scan# 2403  
Delta R.T. 0.001 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16



Tgt Ion:188 Resp: 355189  
Ion Ratio Lower Upper  
188 100  
94 8.2 7.0 10.6  
80 9.5 8.1 12.1





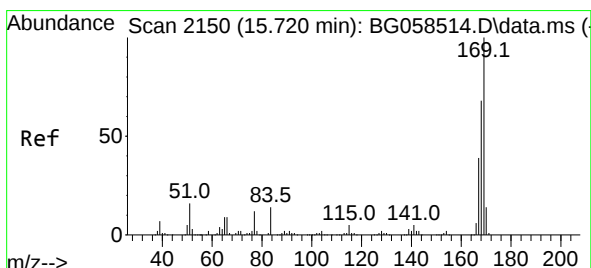
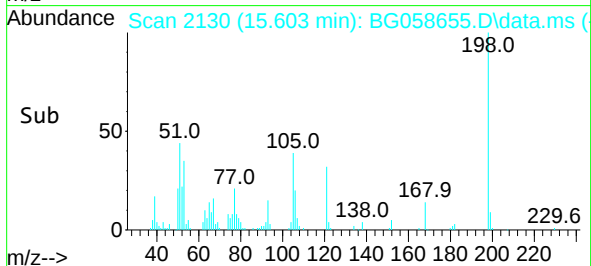
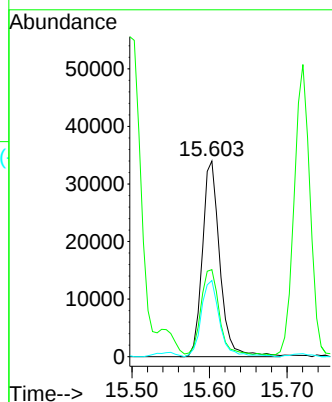
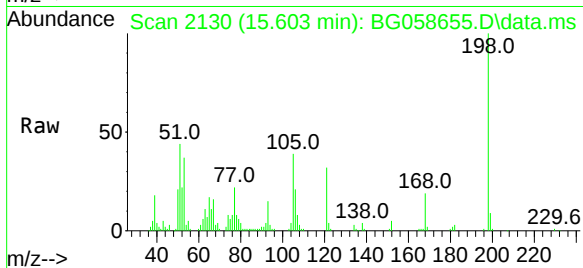
#65  
4,6-Dinitro-2-methylphenol  
Concen: 27.096 ng  
RT: 15.603 min Scan# 2129  
Delta R.T. 0.007 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16

Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MS

Tgt Ion:198 Resp: 53060  
Ion Ratio Lower Upper  
198 100  
51 44.4 29.3 69.3  
105 38.9 21.0 61.0

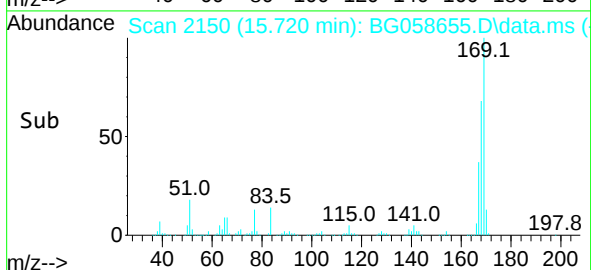
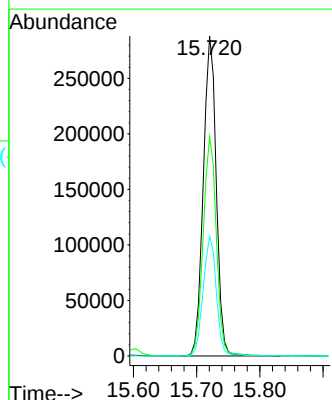
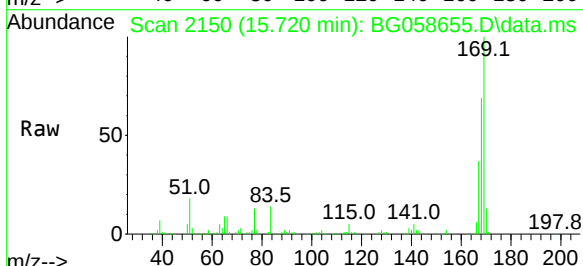
Manual Integrations  
APPROVED

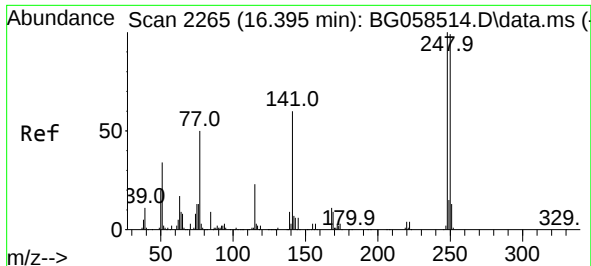
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/10/2023



#66  
n-Nitrosodiphenylamine  
Concen: 44.461 ng  
RT: 15.720 min Scan# 2150  
Delta R.T. 0.001 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16

Tgt Ion:169 Resp: 411020  
Ion Ratio Lower Upper  
169 100  
168 68.6 54.6 82.0  
167 37.4 31.3 46.9





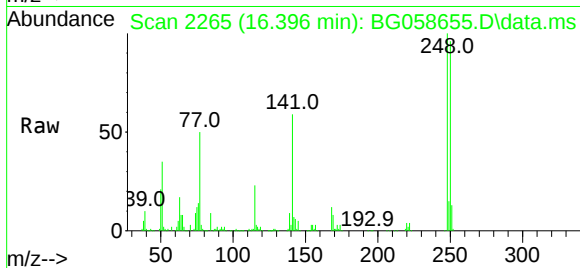
#67  
4-Bromophenyl-phenylether  
Concen: 43.856 ng  
RT: 16.396 min Scan# 21  
Delta R.T. 0.001 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16

Instrument :

BNA\_G

ClientSampleId :

TP-1MS

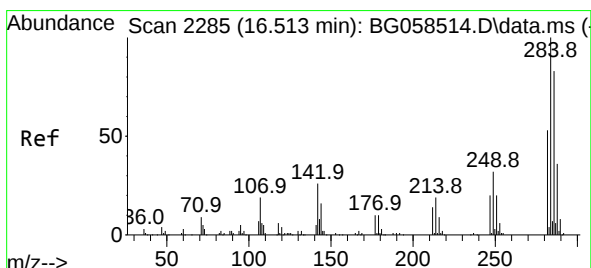
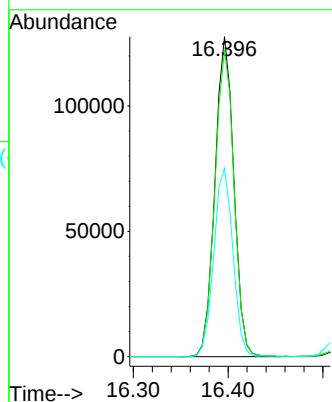
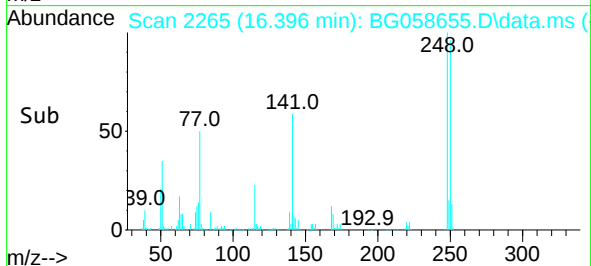


Tgt Ion:248 Resp: 176679  
Ion Ratio Lower Upper  
248 100  
250 95.7 79.5 119.3  
141 58.9 48.2 72.2

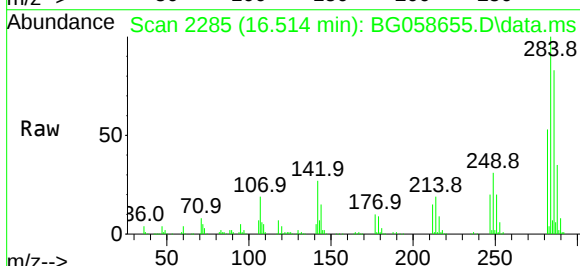
Manual Integrations

APPROVED

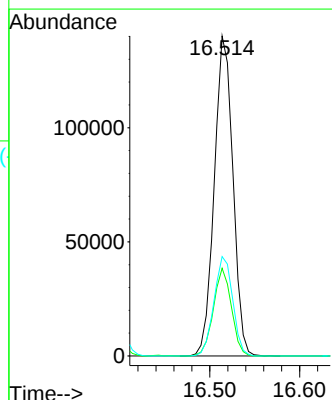
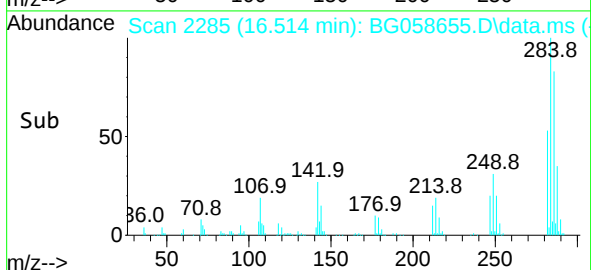
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/10/2023

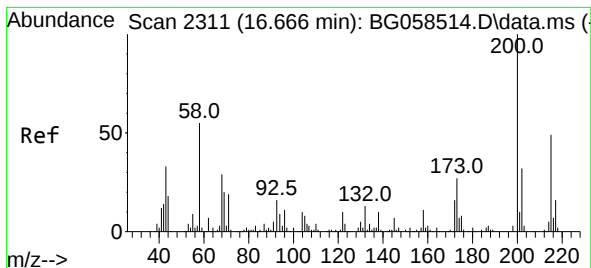


#68  
Hexachlorobenzene  
Concen: 47.280 ng  
RT: 16.514 min Scan# 2285  
Delta R.T. 0.001 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16



Tgt Ion:284 Resp: 201834  
Ion Ratio Lower Upper  
284 100  
142 27.4 21.0 31.4  
249 31.1 25.5 38.3





#69

Atrazine

Concen: 52.562 ng

RT: 16.672 min Scan# 21

Delta R.T. 0.007 min

Lab File: BG058655.D

Acq: 9 Aug 2023 12:16

Instrument :

BNA\_G

ClientSampleId :

TP-1MS

Tgt Ion:200 Resp: 16403

Ion Ratio Lower Upper

200 100

173 26.4 6.5 46.5

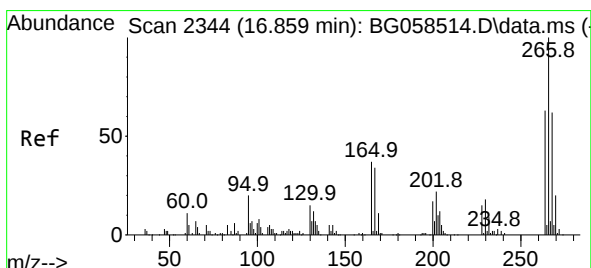
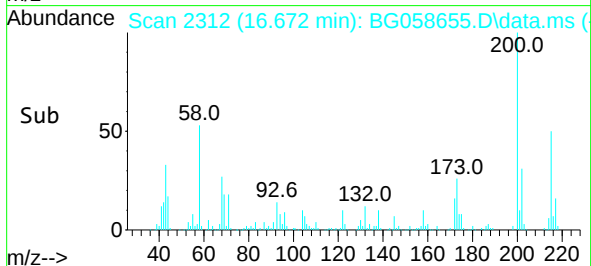
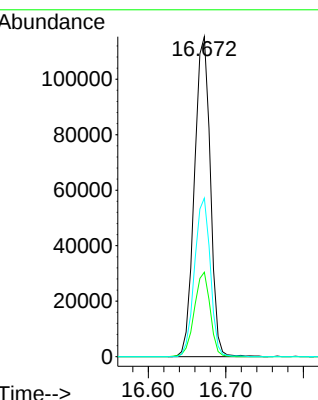
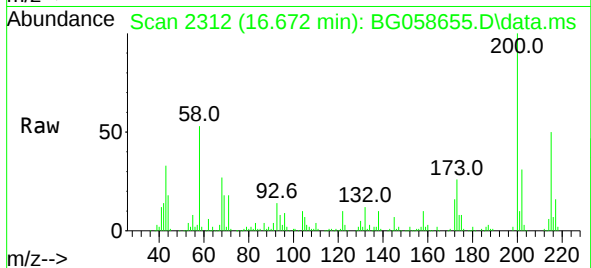
215 49.5 28.9 68.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/10/2023



#70

Pentachlorophenol

Concen: 49.131 ng

RT: 16.866 min Scan# 2345

Delta R.T. 0.007 min

Lab File: BG058655.D

Acq: 9 Aug 2023 12:16

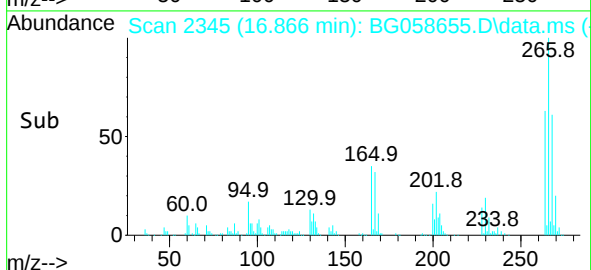
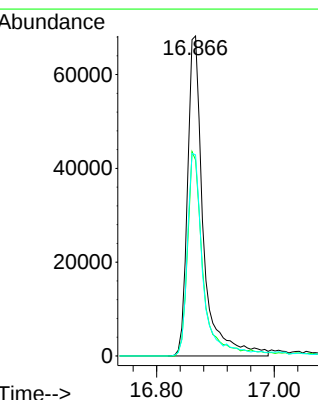
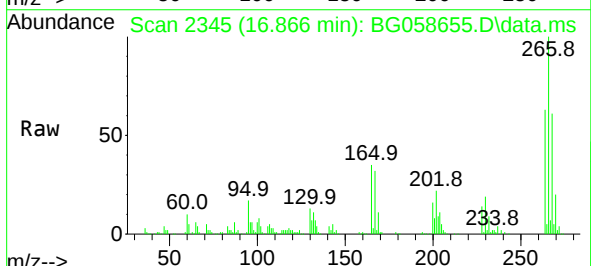
Tgt Ion:266 Resp: 126949

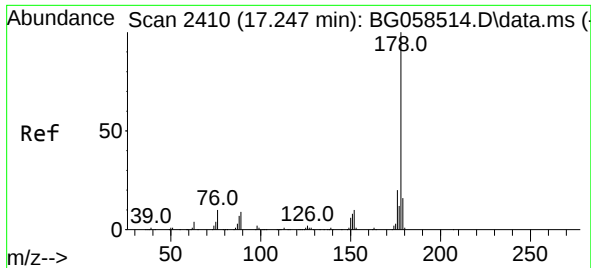
Ion Ratio Lower Upper

266 100

268 61.2 49.9 74.9

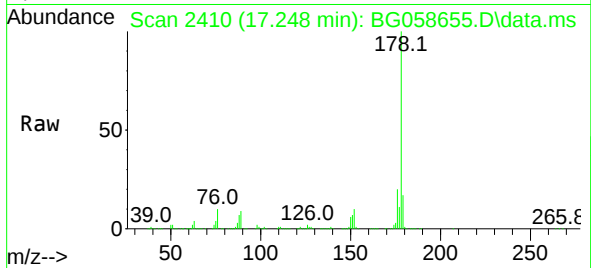
264 62.8 50.2 75.4





#71  
Phenanthrene  
Concen: 44.064 ng  
RT: 17.248 min Scan# 2410  
Delta R.T. 0.001 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16

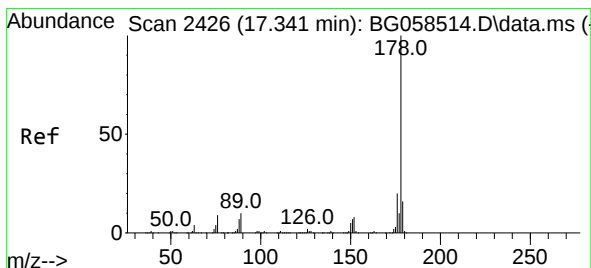
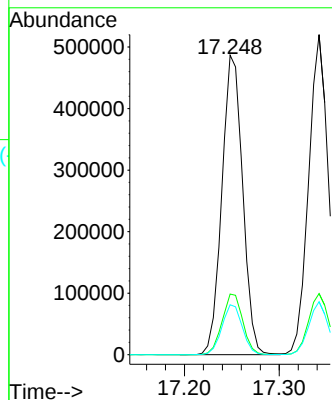
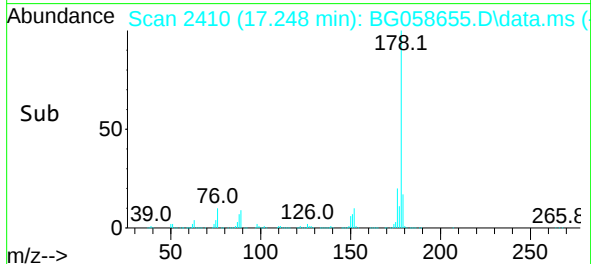
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MS



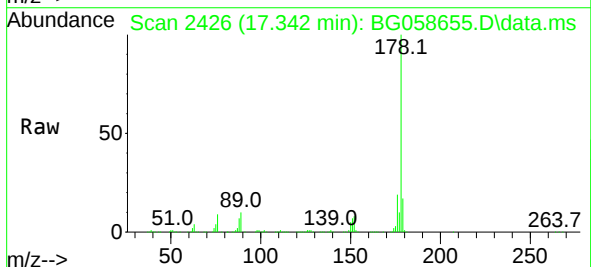
Tgt Ion:178 Resp: 742249  
Ion Ratio Lower Upper  
178 100  
176 20.2 16.3 24.5  
179 16.7 13.1 19.7

Manual Integrations  
APPROVED

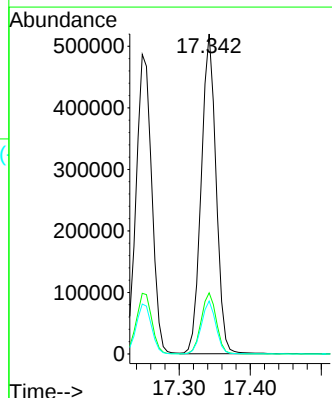
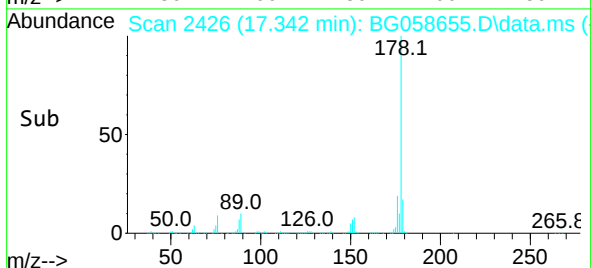
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/10/2023

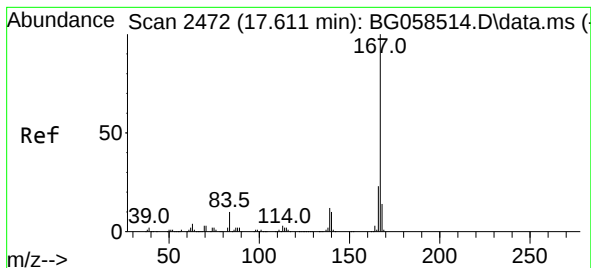


#72  
Anthracene  
Concen: 43.694 ng  
RT: 17.342 min Scan# 2426  
Delta R.T. 0.001 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16



Tgt Ion:178 Resp: 755197  
Ion Ratio Lower Upper  
178 100  
176 19.1 16.0 24.0  
179 16.5 12.9 19.3





#73

Carbazole

Concen: 45.850 ng

RT: 17.618 min Scan# 2473

Delta R.T. 0.007 min

Lab File: BG058655.D

Acq: 9 Aug 2023 12:16

Instrument :

BNA\_G

ClientSampleId :

TP-1MS

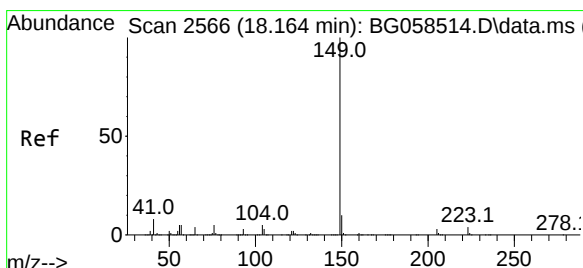
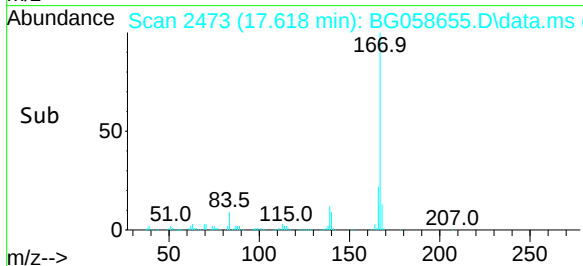
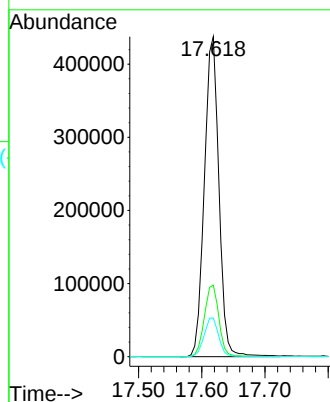
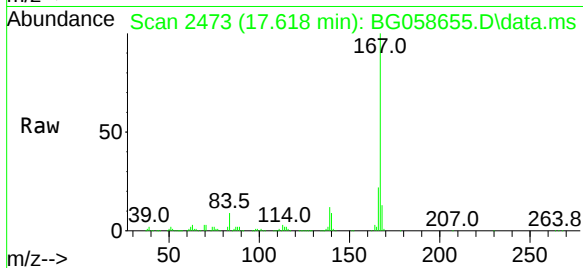
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 167   | Resp: | 69882 |
| Ion Ratio | Lower | Upper |       |
| 167       | 100   |       |       |
| 166       | 22.3  | 18.4  | 27.6  |
| 139       | 12.1  | 10.0  | 15.0  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/10/2023



#74

Di-n-butylphthalate

Concen: 44.752 ng

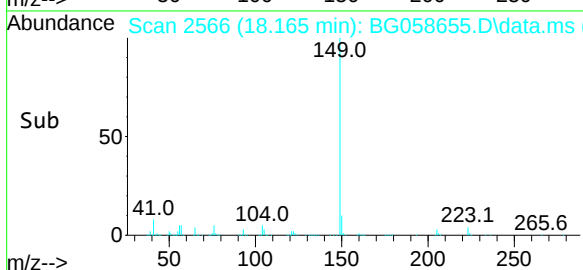
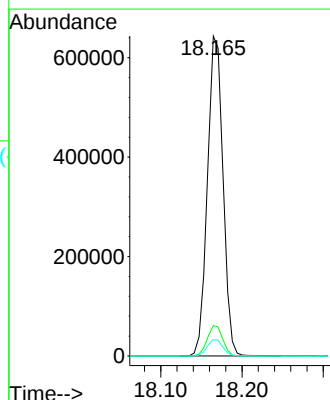
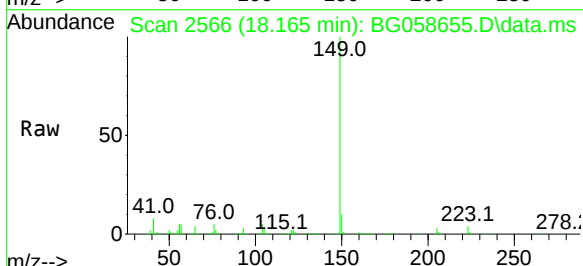
RT: 18.165 min Scan# 2566

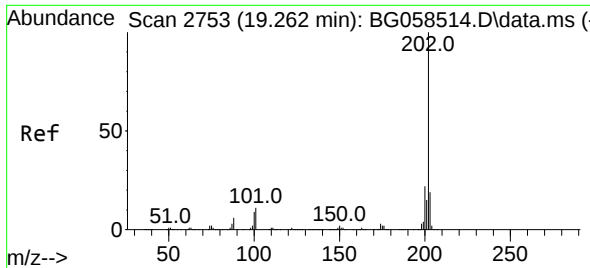
Delta R.T. 0.001 min

Lab File: BG058655.D

Acq: 9 Aug 2023 12:16

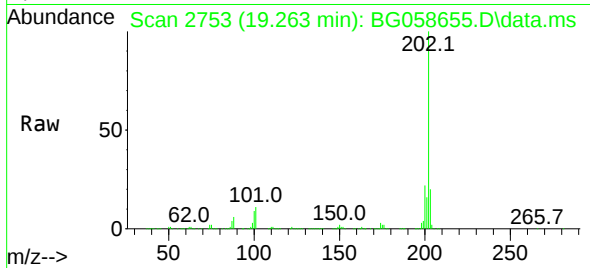
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 854354 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.5   | 7.8   | 11.6   |
| 104       | 5.1   | 4.0   | 6.0    |





#75  
Fluoranthene  
Concen: 44.042 ng  
RT: 19.263 min Scan# 21  
Delta R.T. 0.001 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16

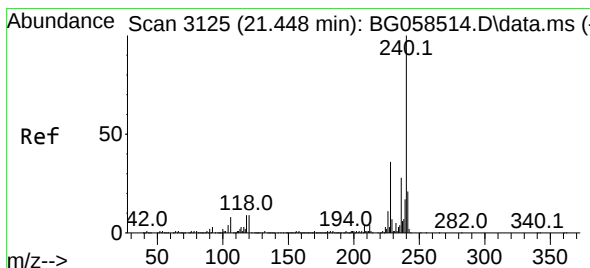
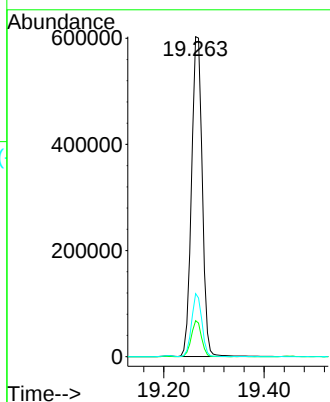
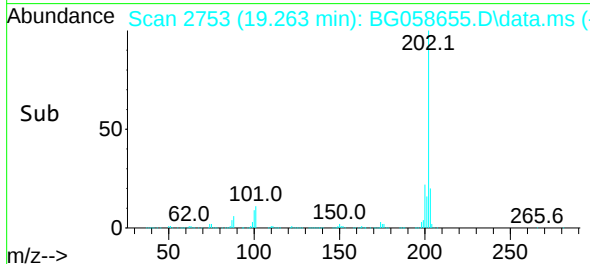
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MS



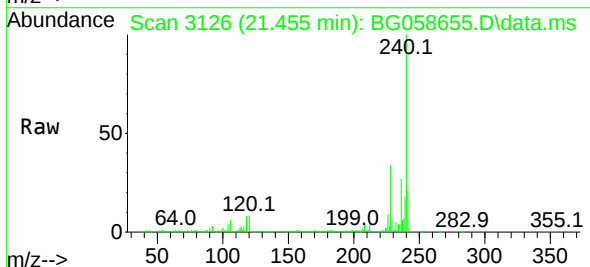
Tgt Ion:202 Resp: 891139  
Ion Ratio Lower Upper  
202 100  
101 11.2 0.0 31.4  
203 19.7 0.0 39.0

Manual Integrations  
APPROVED

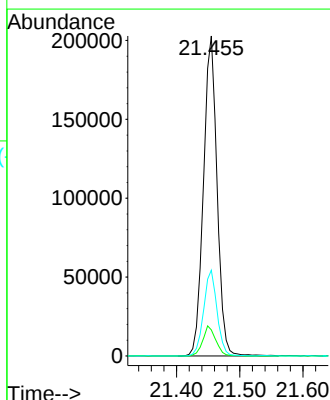
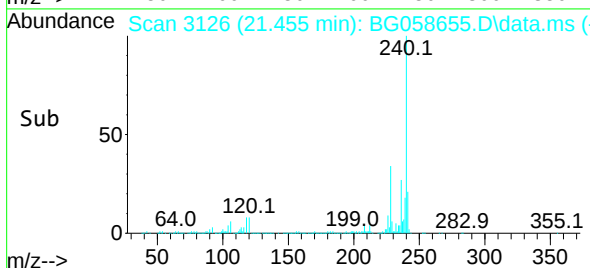
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/10/2023

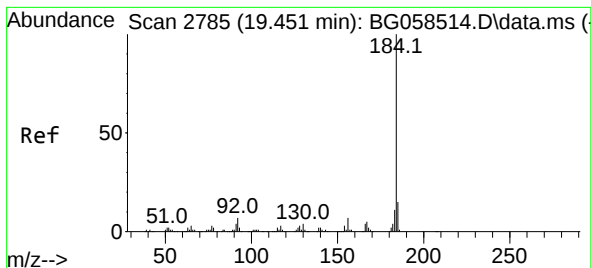


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.455 min Scan# 3126  
Delta R.T. 0.007 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16



Tgt Ion:240 Resp: 303888  
Ion Ratio Lower Upper  
240 100  
120 8.1 7.4 11.0  
236 26.8 22.2 33.4





#77

Benzidine

Concen: 43.662 ng

RT: 19.451 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG058655.D

Acq: 9 Aug 2023 12:16

Instrument :

BNA\_G

ClientSampleId :

TP-1MS

Tgt Ion:184 Resp: 20120

Ion Ratio Lower Upper

184 100

185 13.8 11.9 17.9

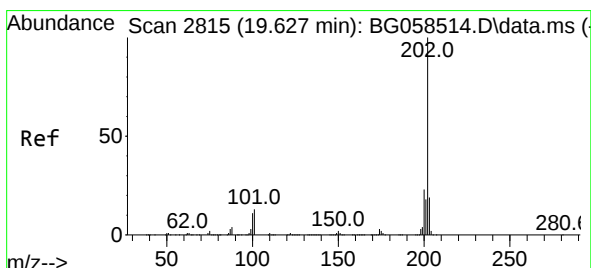
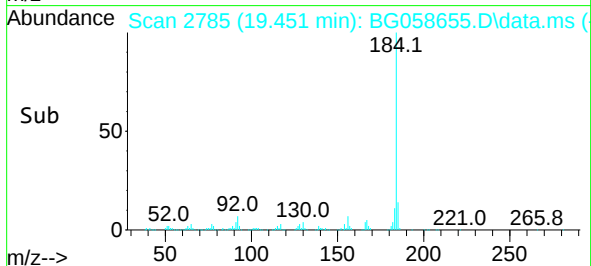
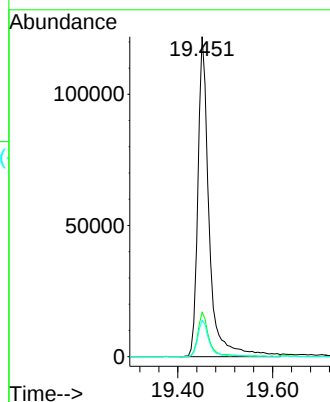
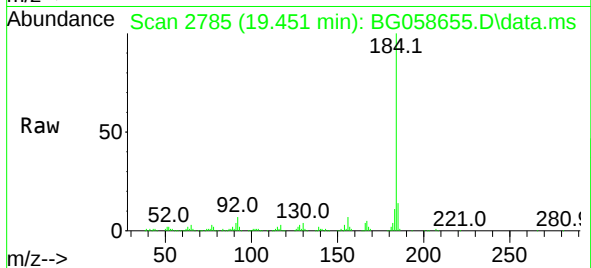
183 11.4 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/10/2023



#78

Pyrene

Concen: 44.679 ng

RT: 19.628 min Scan# 2815

Delta R.T. 0.001 min

Lab File: BG058655.D

Acq: 9 Aug 2023 12:16

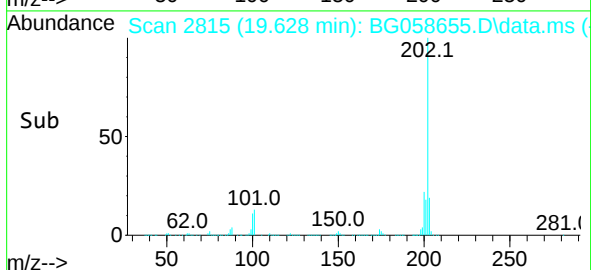
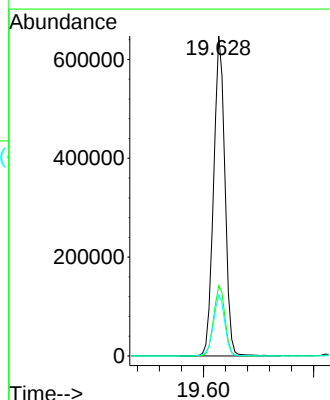
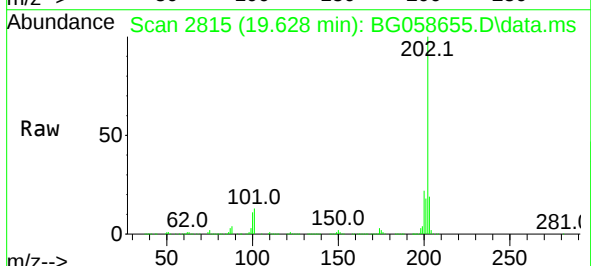
Tgt Ion:202 Resp: 924015

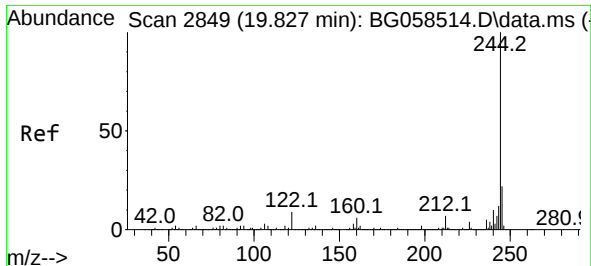
Ion Ratio Lower Upper

202 100

200 22.0 18.2 27.2

203 19.1 15.1 22.7





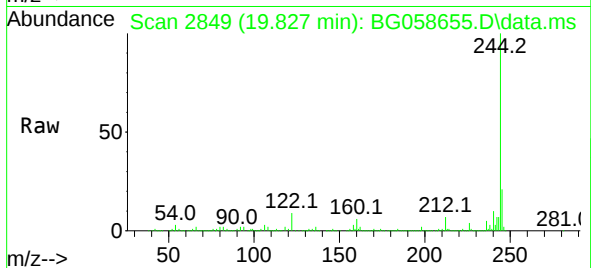
#79  
 Terphenyl-d14  
 Concen: 89.011 ng  
 RT: 19.827 min Scan# 2849  
 Delta R.T. 0.001 min  
 Lab File: BG058655.D  
 Acq: 9 Aug 2023 12:16

Instrument :

BNA\_G

ClientSampleId :

TP-1MS

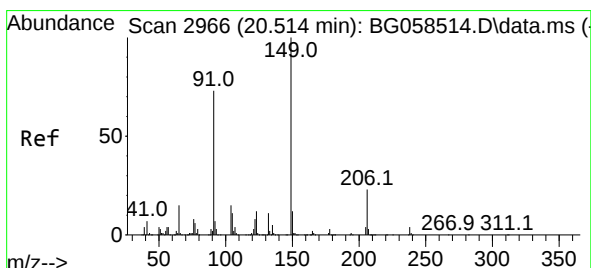
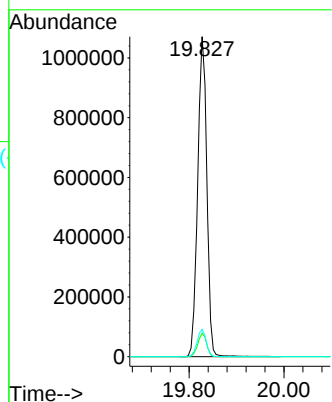
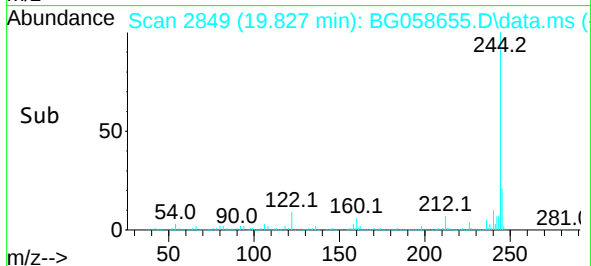


Tgt Ion:244 Resp: 1438399  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 5.9 8.9  
 122 8.6 6.8 10.2

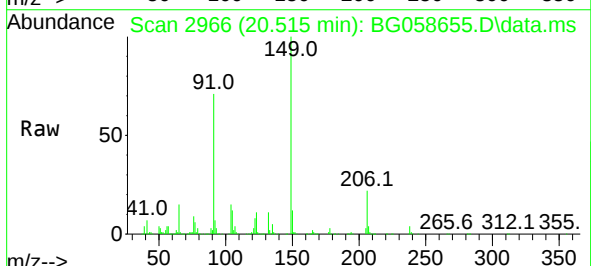
Manual Integrations

APPROVED

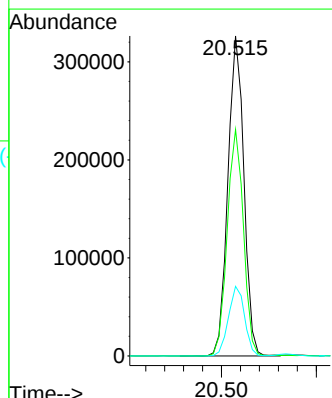
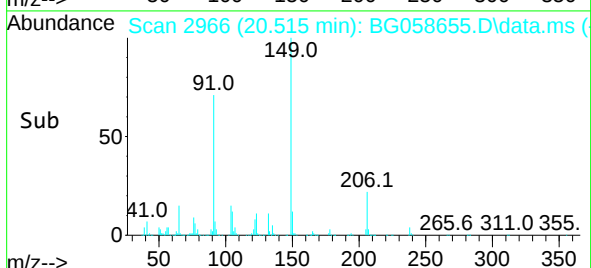
Reviewed By :Yogesh Patel 08/09/2023  
 Supervised By :mohammad ahmed 08/10/2023

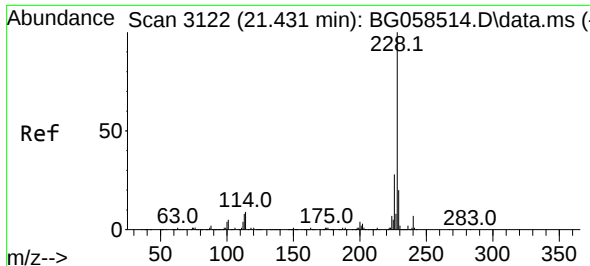


#80  
 Butylbenzylphthalate  
 Concen: 45.102 ng  
 RT: 20.515 min Scan# 2966  
 Delta R.T. 0.001 min  
 Lab File: BG058655.D  
 Acq: 9 Aug 2023 12:16



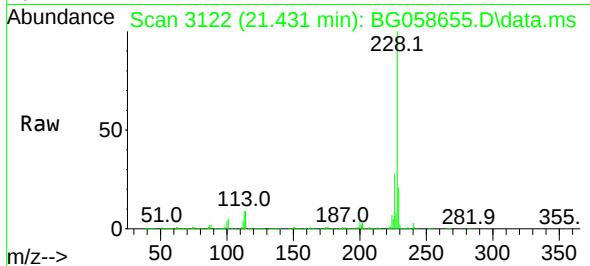
Tgt Ion:149 Resp: 383141  
 Ion Ratio Lower Upper  
 149 100  
 91 70.7 58.4 87.6  
 206 21.8 18.3 27.5





#81  
Benzo(a)anthracene  
Concen: 45.136 ng  
RT: 21.431 min Scan# 3122  
Delta R.T. 0.001 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16

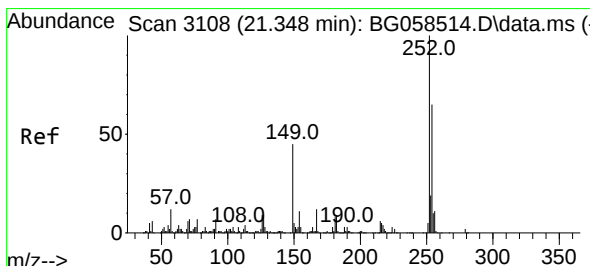
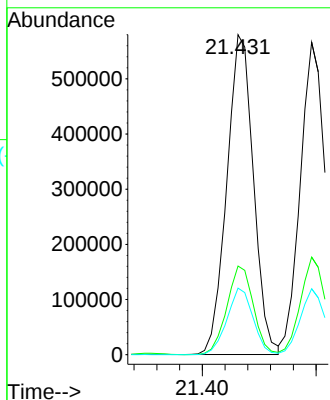
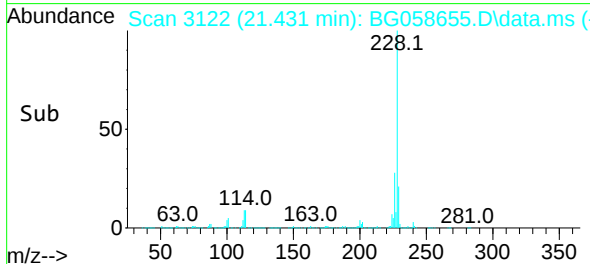
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MS



Tgt Ion:228 Resp: 943940  
Ion Ratio Lower Upper  
228 100  
226 27.7 22.6 33.8  
229 20.8 16.3 24.5

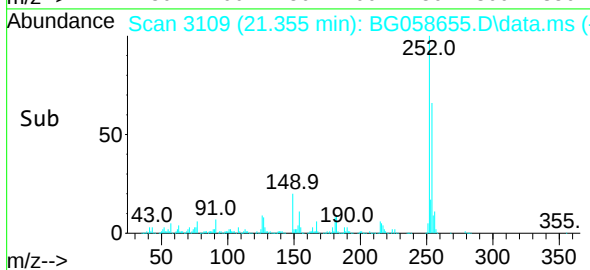
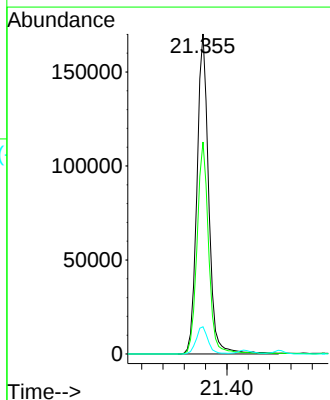
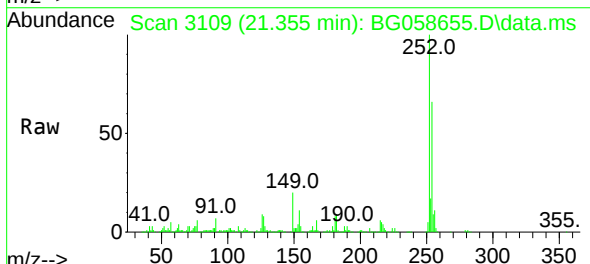
Manual Integrations  
APPROVED

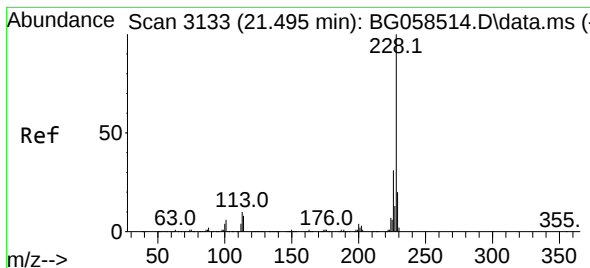
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/10/2023



#82  
3,3'-Dichlorobenzidine  
Concen: 36.755 ng  
RT: 21.355 min Scan# 3109  
Delta R.T. 0.007 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16

Tgt Ion:252 Resp: 259896  
Ion Ratio Lower Upper  
252 100  
254 66.3 52.2 78.4  
126 8.5 7.2 10.8





#83

Chrysene

Concen: 43.619 ng

RT: 21.496 min Scan# 3133

Delta R.T. 0.001 min

Lab File: BG058655.D

Acq: 9 Aug 2023 12:16

Instrument :

BNA\_G

ClientSampleId :

TP-1MS

Tgt Ion:228 Resp: 874632

Ion Ratio Lower Upper

228 100

226 31.3 25.0 37.6

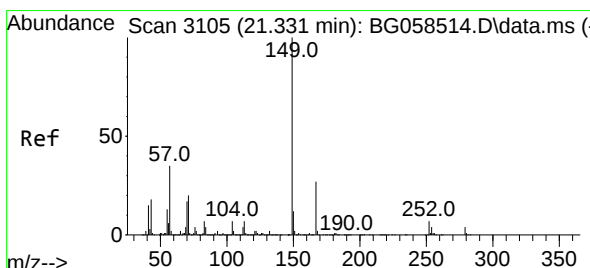
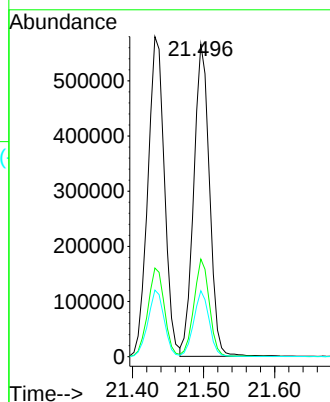
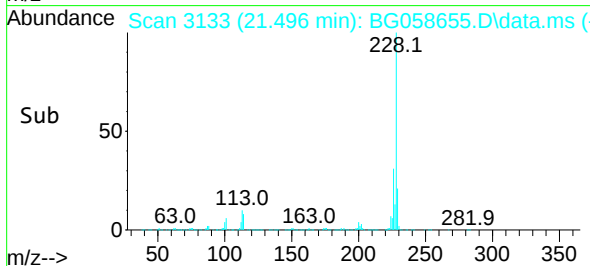
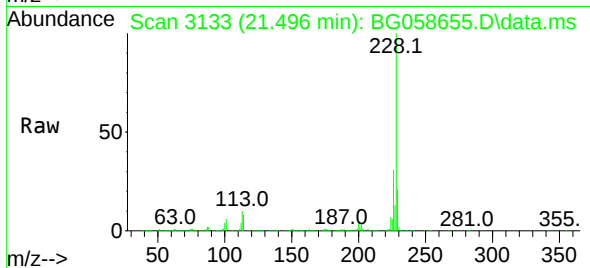
229 21.1 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/10/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.273 ng

RT: 21.337 min Scan# 3106

Delta R.T. 0.007 min

Lab File: BG058655.D

Acq: 9 Aug 2023 12:16

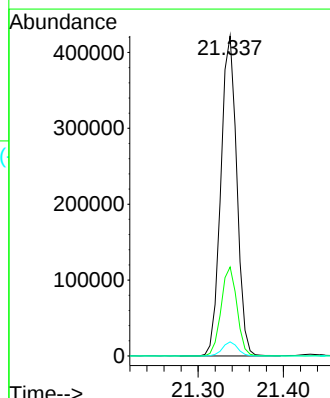
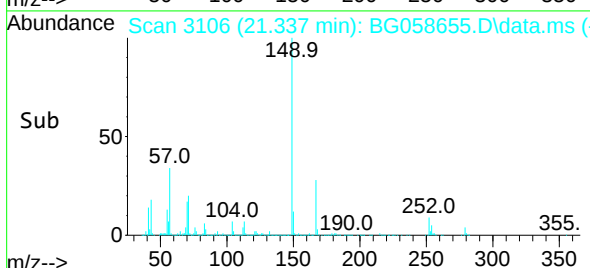
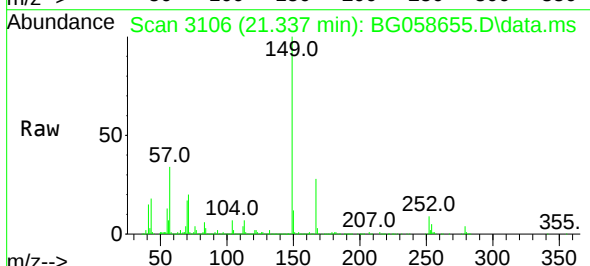
Tgt Ion:149 Resp: 549605

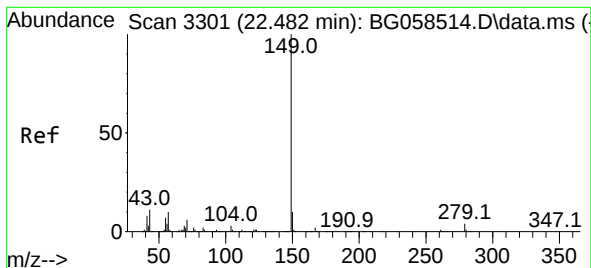
Ion Ratio Lower Upper

149 100

167 27.8 21.8 32.8

279 4.4 2.9 4.3#





#85

Di-n-octyl phthalate

Concen: 45.026 ng

RT: 22.489 min Scan# 31

Delta R.T. 0.007 min

Lab File: BG058655.D

Acq: 9 Aug 2023 12:16

Instrument :

BNA\_G

ClientSampleId :

TP-1MS

Tgt Ion:149 Resp: 98271

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

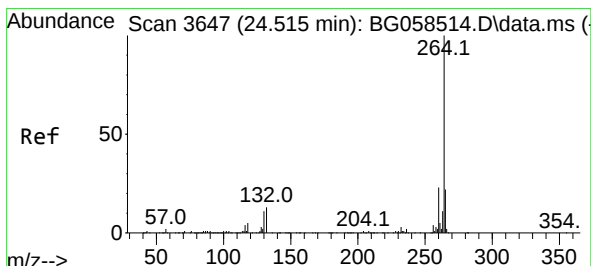
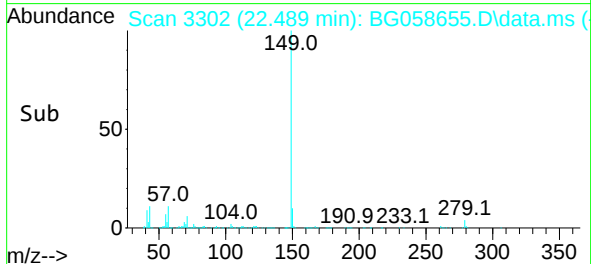
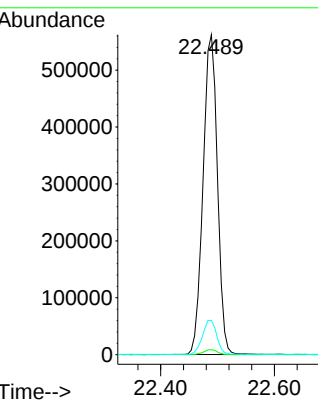
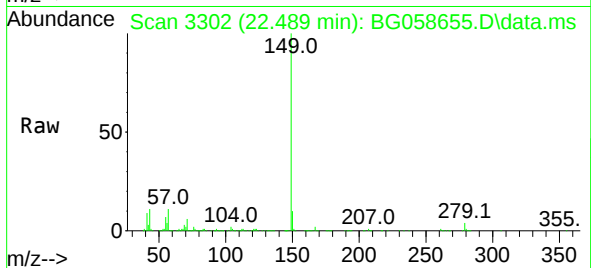
43 10.7 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/10/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.522 min Scan# 3648

Delta R.T. 0.007 min

Lab File: BG058655.D

Acq: 9 Aug 2023 12:16

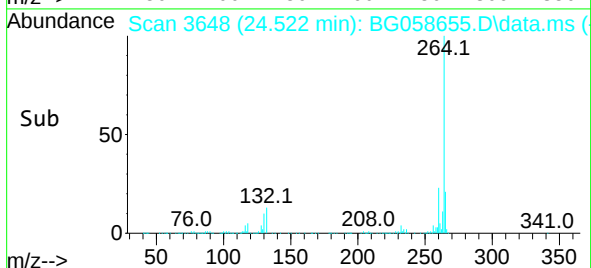
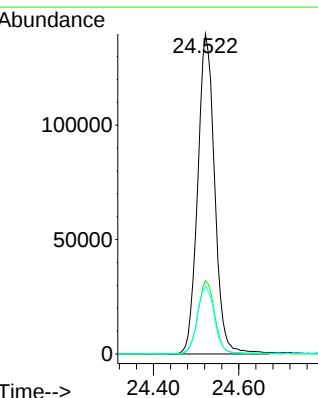
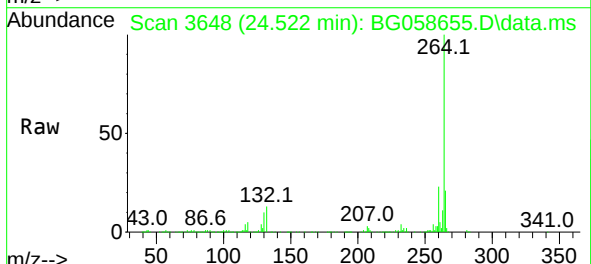
Tgt Ion:264 Resp: 386538

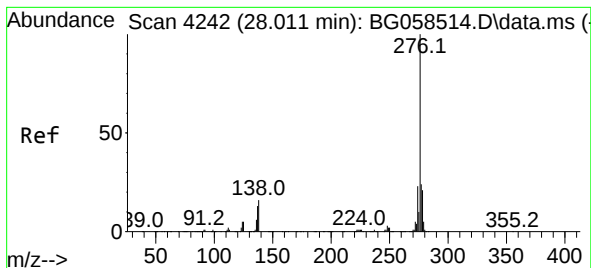
Ion Ratio Lower Upper

264 100

260 22.9 18.4 27.6

265 21.1 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.744 ng

RT: 28.024 min Scan# 41

Delta R.T. 0.013 min

Lab File: BG058655.D

Acq: 9 Aug 2023 12:16

Instrument :

BNA\_G

ClientSampleId :

TP-1MS

Tgt Ion:276 Resp: 1150590

Ion Ratio Lower Upper

276 100

138 19.4 16.0 24.0

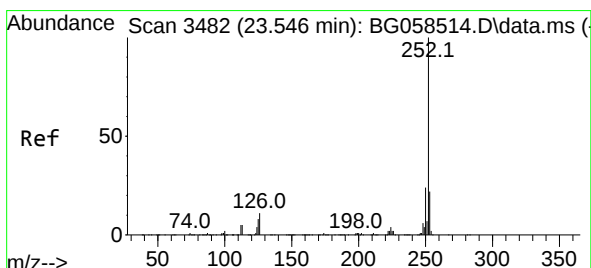
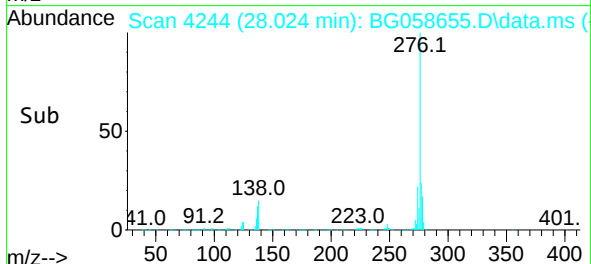
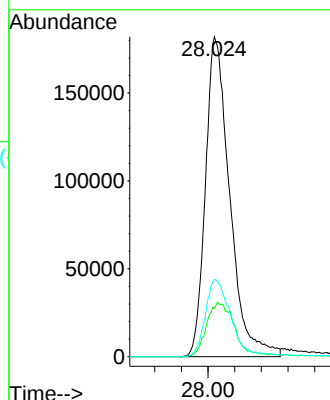
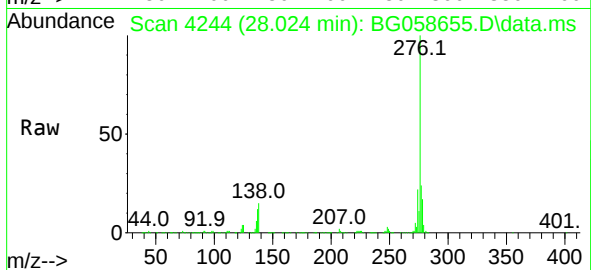
277 25.3 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/10/2023



#88

Benzo(b)fluoranthene

Concen: 47.040 ng

RT: 23.552 min Scan# 3483

Delta R.T. 0.007 min

Lab File: BG058655.D

Acq: 9 Aug 2023 12:16

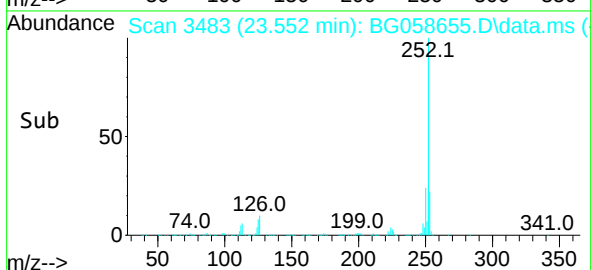
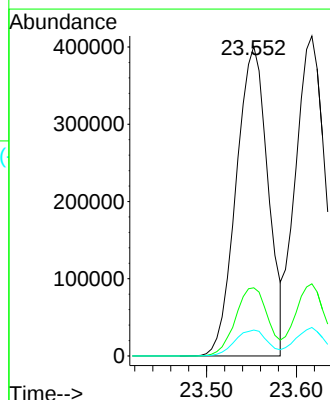
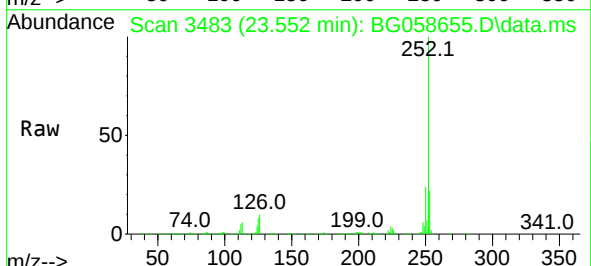
Tgt Ion:252 Resp: 986189

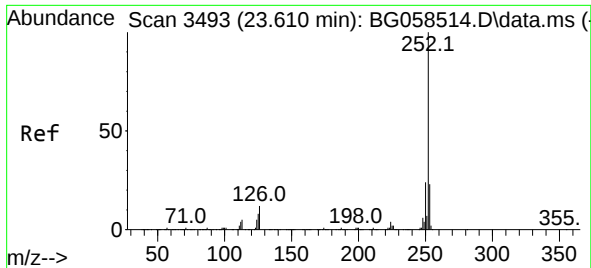
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

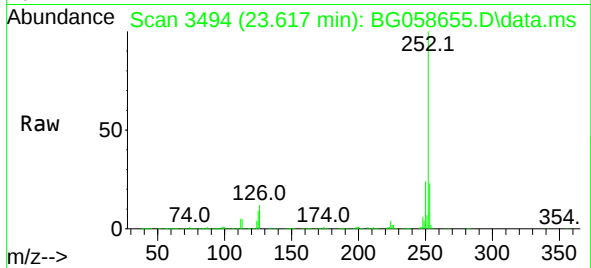
125 8.4 6.6 9.8





#89  
Benzo(k)fluoranthene  
Concen: 46.218 ng  
RT: 23.617 min Scan# 3494  
Delta R.T. 0.007 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16

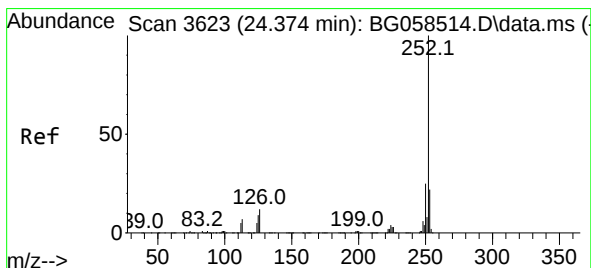
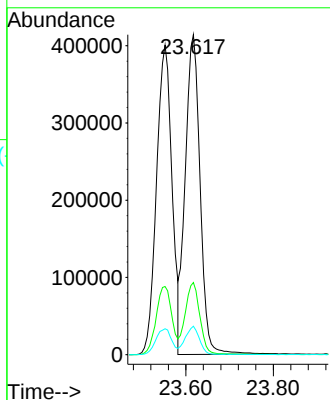
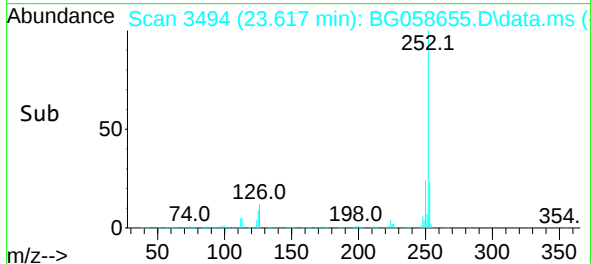
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1MS



Tgt Ion:252 Resp: 97341  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.9 26.9  
125 8.9 6.6 10.0

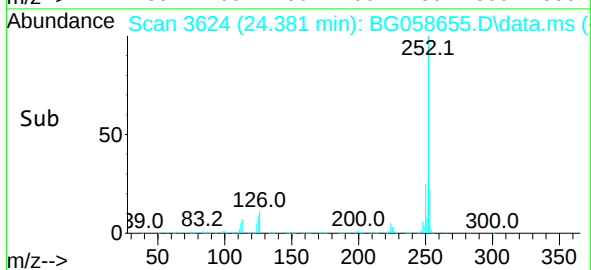
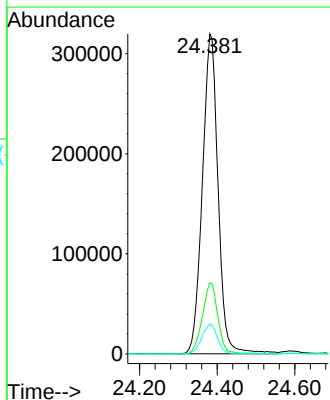
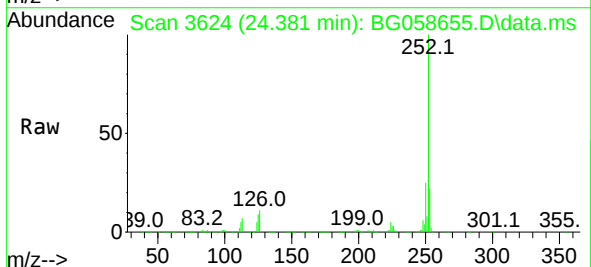
Manual Integrations  
APPROVED

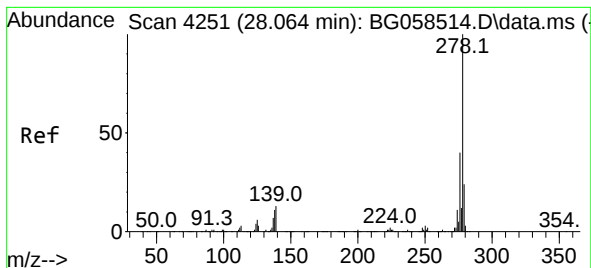
Reviewed By :Yogesh Patel 08/09/2023  
Supervised By :mohammad ahmed 08/10/2023



#90  
Benzo(a)pyrene  
Concen: 43.516 ng  
RT: 24.381 min Scan# 3624  
Delta R.T. 0.007 min  
Lab File: BG058655.D  
Acq: 9 Aug 2023 12:16

Tgt Ion:252 Resp: 895955  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.5 26.3  
125 9.4 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 44.709 ng

RT: 28.077 min Scan# 41

Delta R.T. 0.013 min

Lab File: BG058655.D

Acq: 9 Aug 2023 12:16

Instrument :

BNA\_G

ClientSampleId :

TP-1MS

Tgt Ion:278 Resp: 95063

Ion Ratio Lower Upper

278 100

139 12.2 10.4 15.6

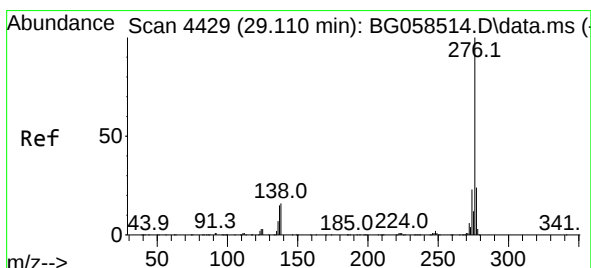
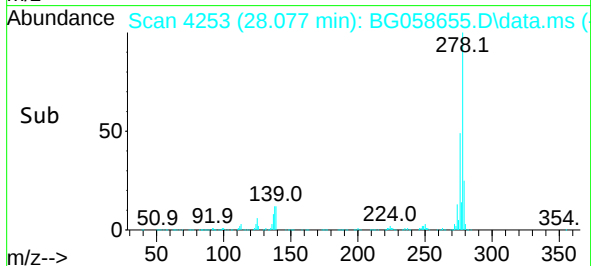
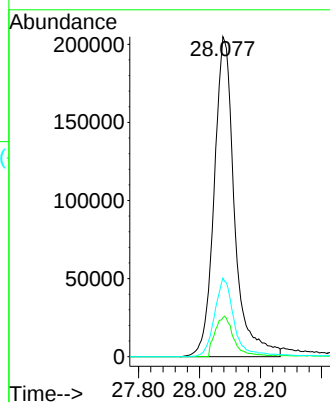
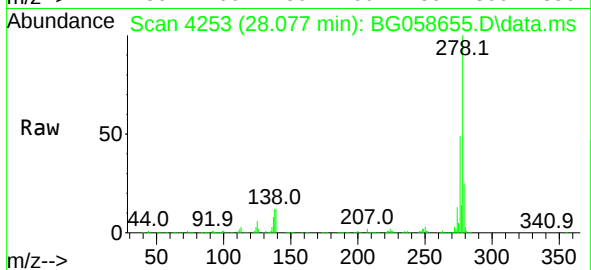
279 24.6 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/09/2023

Supervised By :mohammad ahmed 08/10/2023



#92

Benzo(g,h,i)perylene

Concen: 43.359 ng

RT: 29.122 min Scan# 4431

Delta R.T. 0.013 min

Lab File: BG058655.D

Acq: 9 Aug 2023 12:16

Tgt Ion:276 Resp: 924480

Ion Ratio Lower Upper

276 100

277 24.1 18.9 28.3

138 17.8 13.0 19.4

