

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080323\  
 Data File : BG058600.D  
 Acq On : 3 Aug 2023 19:47  
 Operator : MA/JU  
 Sample : 03741-05MSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

## Instrument :

BNA\_G

## ClientSampleId :

B-P24BMSD

## Manual Integrations

## APPROVED

Reviewed By :Yogesh Patel 08/04/2023

Supervised By :mohammad ahmed 08/04/2023

Quant Time: Aug 04 02:06:36 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     | 7.811  | 152  | 50877    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.614 | 136  | 222368   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.462 | 164  | 154192   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.206 | 188  | 350772   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.448 | 240  | 299549   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.515 | 264  | 384156   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.385  | 112  | 255564   | 76.777 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.989  | 99   | 351793   | 75.952 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.975  | 82   | 207909   | 45.931 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.955 | 330  | 169720   | 67.154 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.082 | 172  | 477201   | 46.379 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.827 | 244  | 844576   | 53.021 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.270  | 88   | 70483    | 43.698 | ng    | 99       |
| 3) Pyridine                   | 3.663  | 79   | 173333   | 39.416 | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.581  | 42   | 91620    | 49.172 | ng    | 100      |
| 6) Aniline                    | 7.142  | 93   | 172029   | 30.167 | ng    | 98       |
| 8) 2-Chlorophenol             | 7.377  | 128  | 191002   | 58.491 | ng    | 98       |
| 9) Benzaldehyde               | 6.948  | 77   | 113107   | 44.947 | ng    | 99       |
| 10) Phenol                    | 7.012  | 94   | 260451   | 57.564 | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.236  | 93   | 185656   | 52.049 | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.700  | 146  | 187358   | 53.731 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 7.847  | 146  | 189605   | 54.155 | ng    | 96       |
| 14) 1,2-Dichlorobenzene       | 8.164  | 146  | 186336   | 55.666 | ng    | 96       |
| 15) Benzyl Alcohol            | 8.052  | 79   | 174731   | 59.486 | ng    | 98       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.340  | 45   | 310096   | 53.519 | ng    | 99       |
| 17) 2-Methylphenol            | 8.264  | 107  | 176497   | 53.351 | ng    | 99       |
| 18) Hexachloroethane          | 8.887  | 117  | 70727    | 55.578 | ng    | 90       |
| 19) n-Nitroso-di-n-propyla... | 8.622  | 70   | 146765   | 49.056 | ng    | 100      |
| 20) 3+4-Methylphenols         | 8.593  | 107  | 240334   | 53.707 | ng    | 99       |
| 22) Acetophenone              | 8.634  | 105  | 291561   | 48.968 | ng    | # 98     |
| 24) Nitrobenzene              | 9.022  | 77   | 225114   | 48.918 | ng    | 98       |
| 25) Isophorone                | 9.539  | 82   | 426089   | 45.558 | ng    | 100      |
| 26) 2-Nitrophenol             | 9.733  | 139  | 101929   | 50.884 | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 9.791  | 122  | 162686   | 48.962 | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 10.021 | 93   | 247415   | 48.610 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.267 | 162  | 184944   | 53.608 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.479 | 180  | 202574   | 50.915 | ng    | 97       |
| 31) Naphthalene               | 10.667 | 128  | 567108   | 48.388 | ng    | 100      |
| 32) Benzoic acid              | 9.968  | 122  | 138596   | 54.008 | ng    | 97       |
| 33) 4-Chloroaniline           | 10.779 | 127  | 110241   | 22.263 | ng    | 98       |
| 34) Hexachlorobutadiene       | 10.943 | 225  | 126877   | 49.518 | ng    | 98       |
| 35) Caprolactam               | 11.572 | 113  | 62229m   | 48.846 | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 11.912 | 107  | 220594   | 51.689 | ng    | 99       |
| 37) 2-Methylnaphthalene       | 12.277 | 142  | 388737   | 46.369 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.500 | 142  | 377116   | 47.321 | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.647 | 216  | 234892   | 49.620 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 12.623 | 237  | 158181   | 72.628 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 12.894 | 196  | 168931   | 51.883 | ng    | 98       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080323\  
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 Sample : 03741-05MSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 B-P24BMSD

Manual Integrations  
 APPROVED

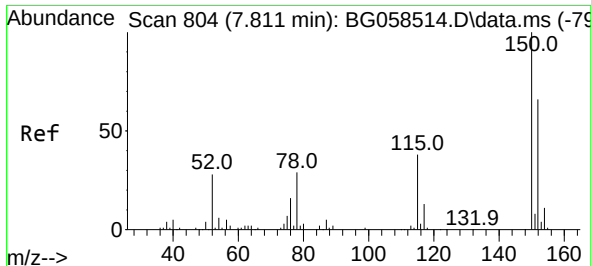
Reviewed By :Yogesh Patel 08/04/2023  
 Supervised By :mohammad ahmed 08/04/2023

Quant Time: Aug 04 02:06:36 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) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 12.970 | 196  | 182559   | 47.602 | ng    | 99       |
| 46) 1,1'-Biphenyl             | 13.293 | 154  | 520059   | 49.112 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.334 | 162  | 417298   | 50.542 | ng    | 100      |
| 48) 2-Nitroaniline            | 13.546 | 65   | 159700   | 50.676 | ng    | 97       |
| 49) Acenaphthylene            | 14.186 | 152  | 684302   | 49.504 | ng    | 100      |
| 50) Dimethylphthalate         | 13.922 | 163  | 534081   | 46.120 | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.045 | 165  | 122969   | 48.396 | ng    | 98       |
| 52) Acenaphthene              | 14.527 | 154  | 383656   | 48.033 | ng    | 99       |
| 53) 3-Nitroaniline            | 14.374 | 138  | 85950    | 33.810 | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 14.592 | 184  | 112487   | 78.670 | ng    | 96       |
| 55) Dibenzofuran              | 14.862 | 168  | 654711   | 47.703 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.697 | 139  | 188327   | 99.146 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 14.833 | 165  | 174972   | 49.671 | ng    | 96       |
| 58) Fluorene                  | 15.508 | 166  | 513893   | 47.133 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.091 | 232  | 165621   | 50.609 | ng    | 97       |
| 60) Diethylphthalate          | 15.279 | 149  | 540047   | 45.777 | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.502 | 204  | 286949   | 47.207 | ng    | 97       |
| 62) 4-Nitroaniline            | 15.544 | 138  | 118118   | 49.049 | ng    | 96       |
| 63) Azobenzene                | 15.796 | 77   | 545523   | 46.947 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylph... | 15.602 | 198  | 90930    | 47.014 | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.720 | 169  | 455636   | 49.907 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.395 | 248  | 197352   | 49.605 | ng    | 99       |
| 68) Hexachlorobenzene         | 16.513 | 284  | 222948   | 52.883 | ng    | 97       |
| 69) Atrazine                  | 16.672 | 200  | 183123   | 59.418 | ng    | 99       |
| 70) Pentachlorophenol         | 16.866 | 266  | 221371   | 86.752 | ng    | 98       |
| 71) Phenanthrene              | 17.247 | 178  | 813616   | 48.909 | ng    | 99       |
| 72) Anthracene                | 17.341 | 178  | 830541   | 48.658 | ng    | 99       |
| 73) Carbazole                 | 17.612 | 167  | 774598   | 51.462 | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.164 | 149  | 950380   | 50.409 | ng    | 100      |
| 75) Fluoranthene              | 19.263 | 202  | 982385   | 49.163 | ng    | 99       |
| 77) Benzidine                 | 19.451 | 184  | 330479   | 72.755 | ng    | 98       |
| 78) Pyrene                    | 19.627 | 202  | 1011012  | 49.593 | ng    | 99       |
| 80) Butylbenzylphthalate      | 20.514 | 149  | 428069   | 51.120 | ng    | 100      |
| 81) Benzo(a)anthracene        | 21.431 | 228  | 1048459  | 50.860 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.354 | 252  | 265176   | 38.045 | ng    | 97       |
| 83) Chrysene                  | 21.495 | 228  | 965402   | 48.844 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phtha... | 21.337 | 149  | 623261   | 50.933 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.488 | 149  | 1100259  | 51.142 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 28.017 | 276  | 1265982  | 49.536 | ng    | 100      |
| 88) Benzo(b)fluoranthene      | 23.546 | 252  | 1115157  | 53.521 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 23.611 | 252  | 1044141  | 49.884 | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.380 | 252  | 995595   | 48.656 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 28.076 | 278  | 1072132  | 50.735 | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 29.110 | 276  | 1001611  | 47.268 | ng    | 98       |

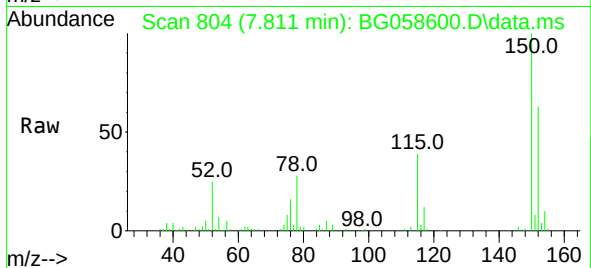
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.811 min Scan# 804  
Delta R.T. 0.000 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47

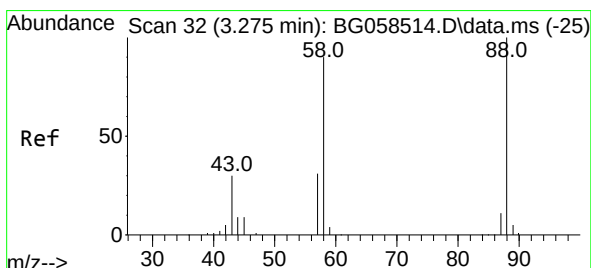
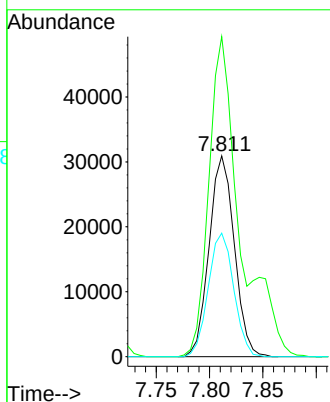
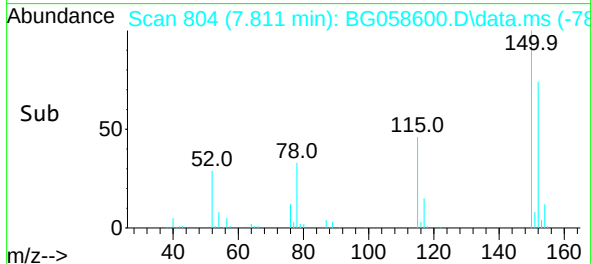
Instrument :  
BNA\_G  
ClientSampleId :  
B-P24BMDS



Tgt Ion:152 Resp: 5087  
Ion Ratio Lower Upper  
152 100  
150 159.4 120.5 180.7  
115 61.5 45.9 68.9

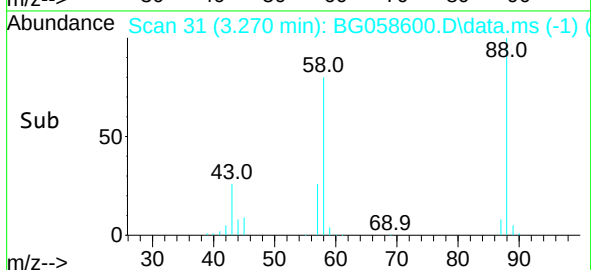
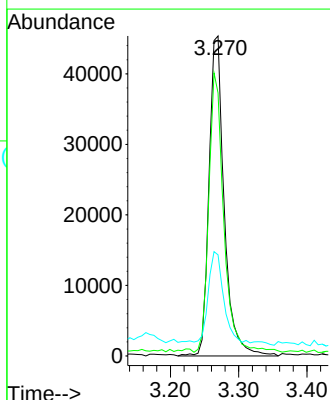
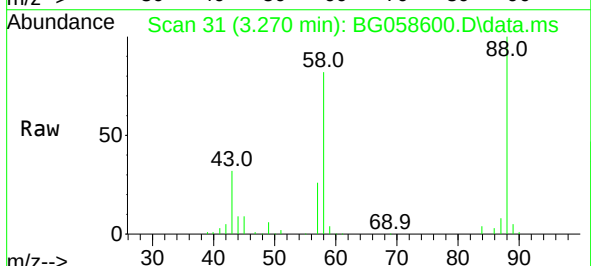
Manual Integrations  
APPROVED

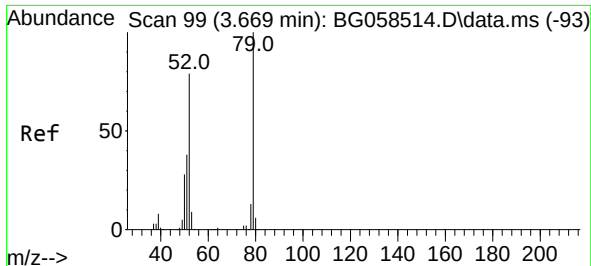
Reviewed By :Yogesh Patel 08/04/2023  
Supervised By :mohammad ahmed 08/04/2023



#2  
1,4-Dioxane  
Concen: 43.698 ng  
RT: 3.270 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47

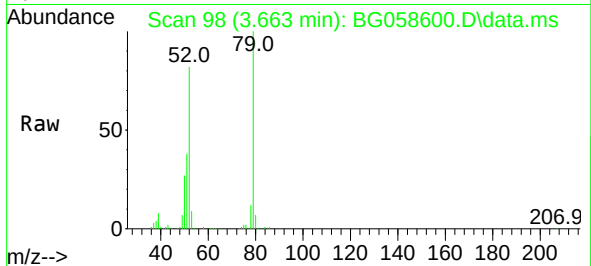
Tgt Ion: 88 Resp: 70483  
Ion Ratio Lower Upper  
88 100  
58 85.7 68.9 103.3  
43 27.6 22.9 34.3





#3  
Pyridine  
Concen: 39.416 ng  
RT: 3.663 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47

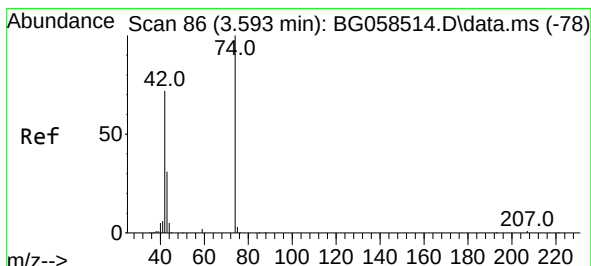
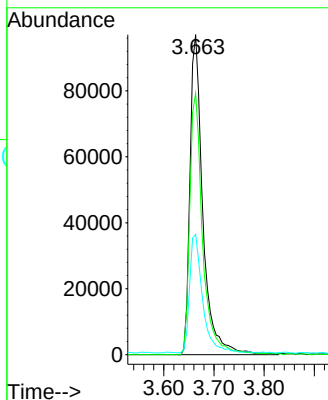
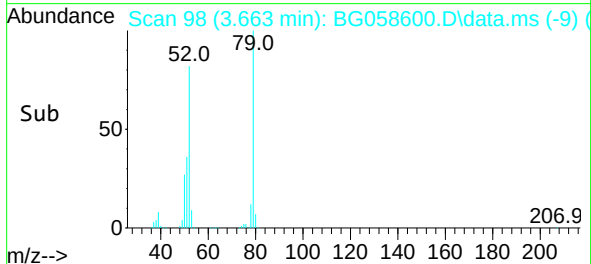
Instrument :  
BNA\_G  
ClientSampleId :  
B-P24BMSD



Tgt Ion: 79 Resp: 17333  
Ion Ratio Lower Upper  
79 100  
52 81.7 63.2 94.8  
51 37.6 31.9 47.9

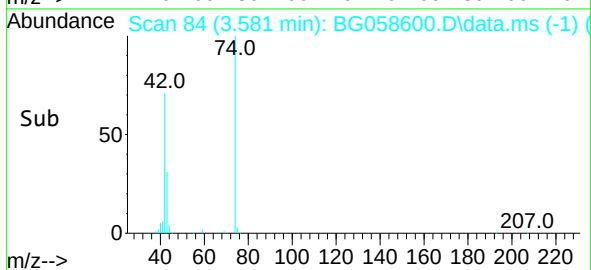
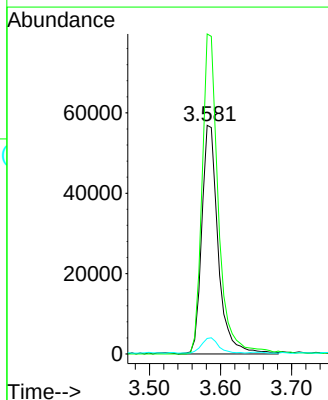
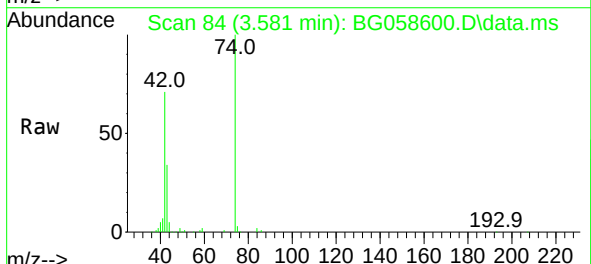
Manual Integrations  
APPROVED

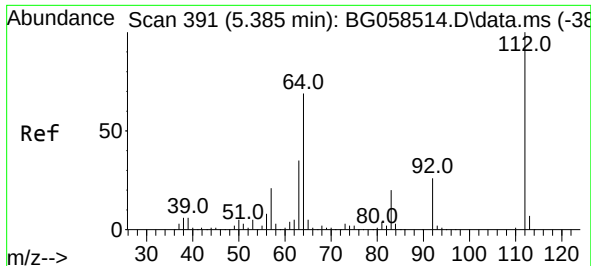
Reviewed By :Yogesh Patel 08/04/2023  
Supervised By :mohammad ahmed 08/04/2023



#4  
n-Nitrosodimethylamine  
Concen: 49.172 ng  
RT: 3.581 min Scan# 84  
Delta R.T. -0.012 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47

Tgt Ion: 42 Resp: 91620  
Ion Ratio Lower Upper  
42 100  
74 140.0 111.5 167.3  
44 6.8 5.4 8.2





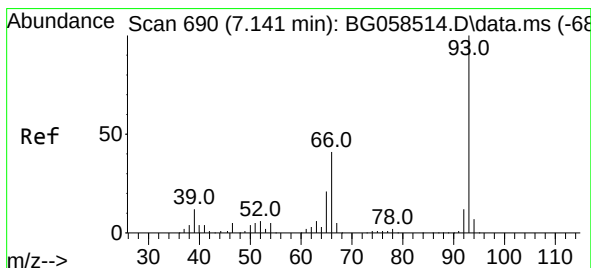
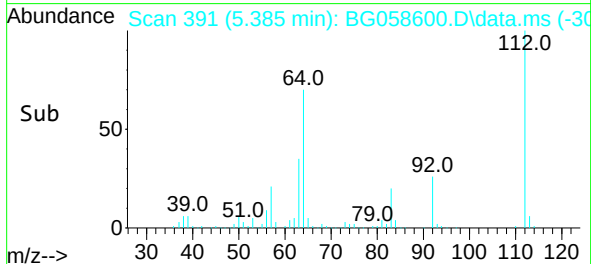
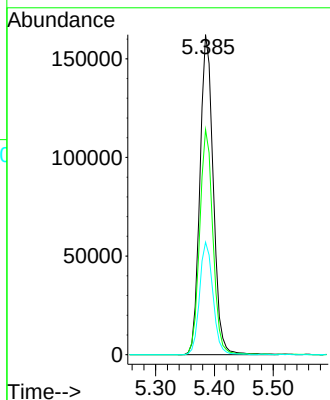
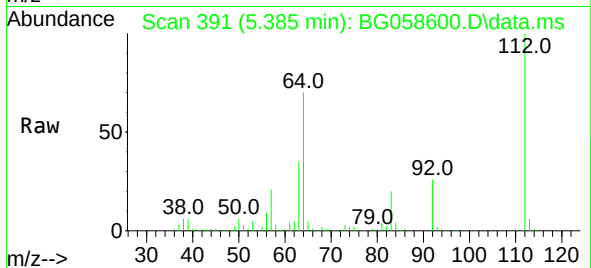
#5  
2-Fluorophenol  
Concen: 76.777 ng  
RT: 5.385 min Scan# 391  
Delta R.T. 0.000 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47

Instrument :  
BNA\_G  
ClientSampleId :  
B-P24BMSD

Tgt Ion:112 Resp: 255564  
Ion Ratio Lower Upper  
112 100  
64 70.4 55.3 82.9  
63 35.1 28.3 42.5

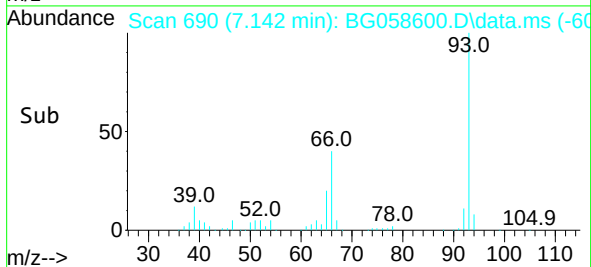
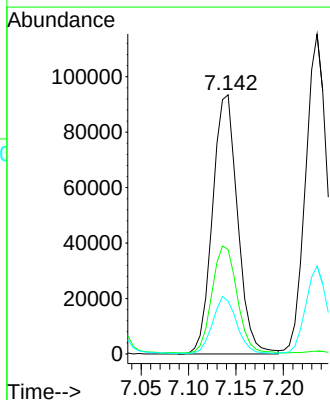
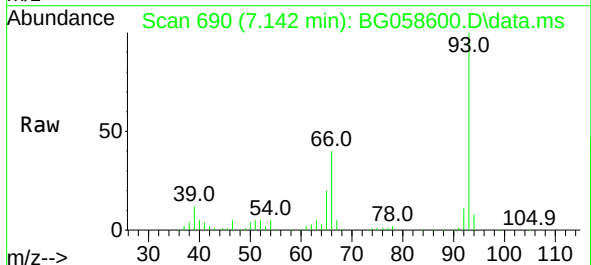
Manual Integrations  
APPROVED

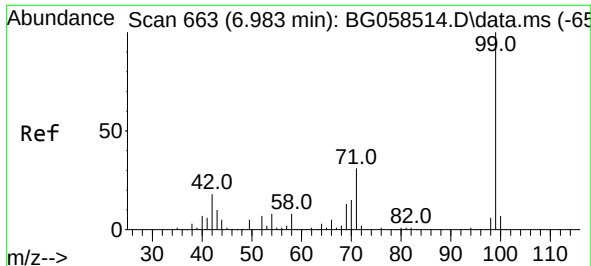
Reviewed By :Yogesh Patel 08/04/2023  
Supervised By :mohammad ahmed 08/04/2023



#6  
Aniline  
Concen: 30.167 ng  
RT: 7.142 min Scan# 690  
Delta R.T. 0.000 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47

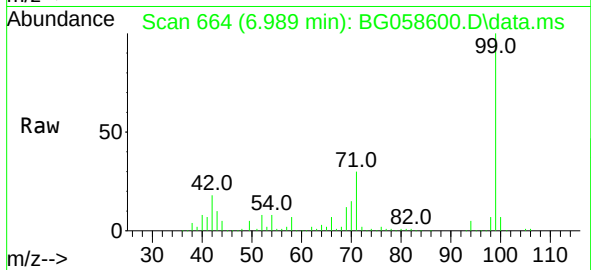
Tgt Ion: 93 Resp: 172029  
Ion Ratio Lower Upper  
93 100  
66 40.3 33.1 49.7  
65 20.3 17.0 25.4





#7  
Phenol-d6  
Concen: 75.952 ng  
RT: 6.989 min Scan# 60  
Delta R.T. 0.006 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47

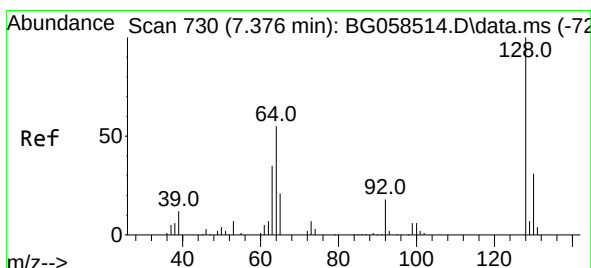
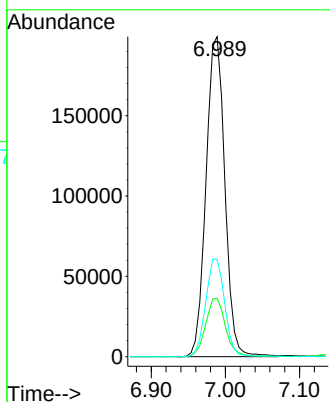
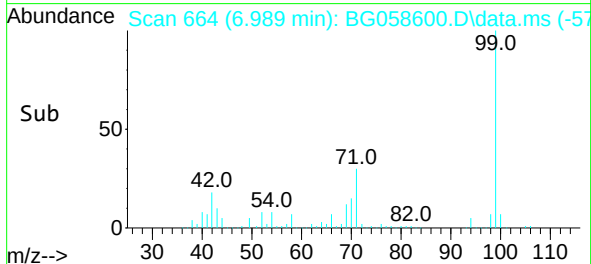
Instrument :  
BNA\_G  
ClientSampleId :  
B-P24BMSD



Tgt Ion: 99 Resp: 35179  
Ion Ratio Lower Upper  
99 100  
42 18.3 14.6 21.8  
71 30.4 25.0 37.4

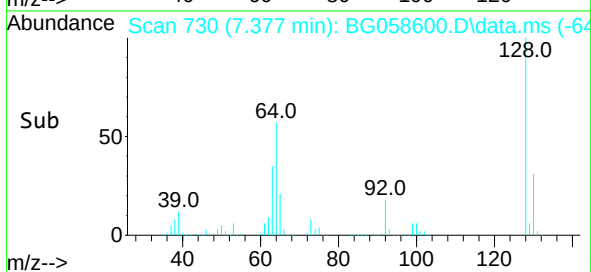
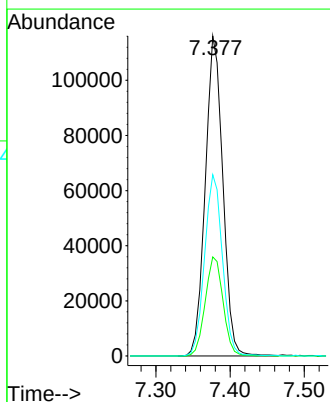
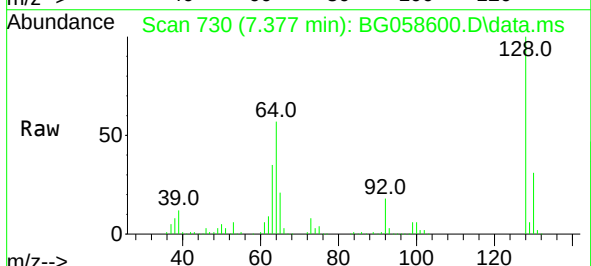
Manual Integrations  
APPROVED

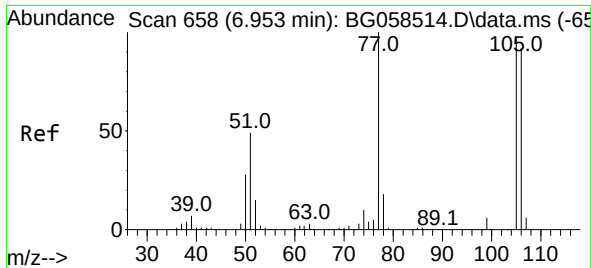
Reviewed By :Yogesh Patel 08/04/2023  
Supervised By :mohammad ahmed 08/04/2023



#8  
2-Chlorophenol  
Concen: 58.491 ng  
RT: 7.377 min Scan# 730  
Delta R.T. 0.000 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47

Tgt Ion:128 Resp: 191002  
Ion Ratio Lower Upper  
128 100  
130 30.9 10.9 50.9  
64 56.7 39.0 79.0





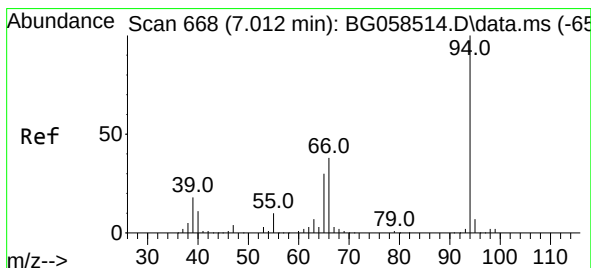
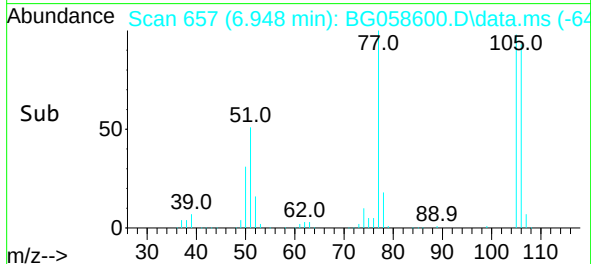
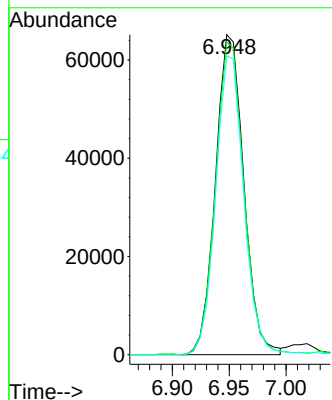
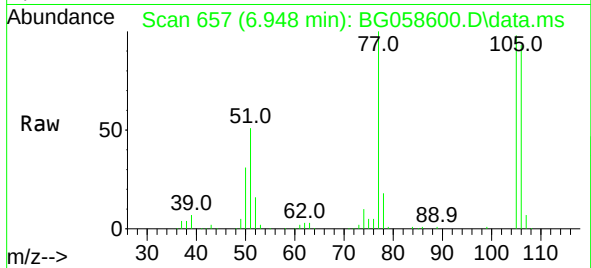
#9  
Benzaldehyde  
Concen: 44.947 ng  
RT: 6.948 min Scan# 61  
Delta R.T. -0.005 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47

Instrument :  
BNA\_G  
ClientSampleId :  
B-P24BMDS

Tgt Ion: 77 Resp: 11310  
Ion Ratio Lower Upper  
77 100  
105 97.7 77.1 117.1  
106 93.3 71.6 111.6

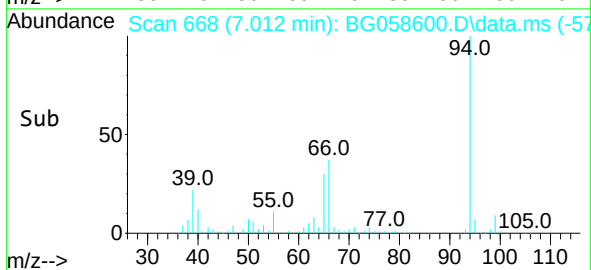
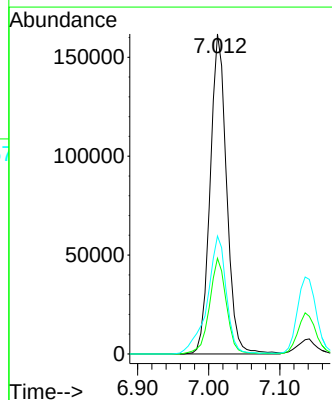
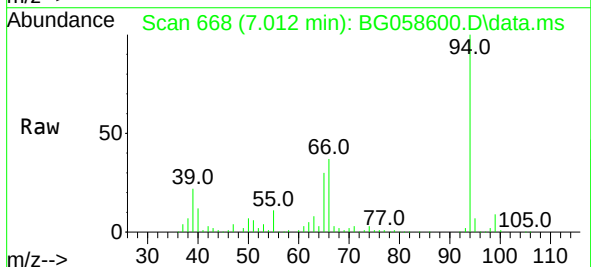
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/04/2023  
Supervised By :mohammad ahmed 08/04/2023

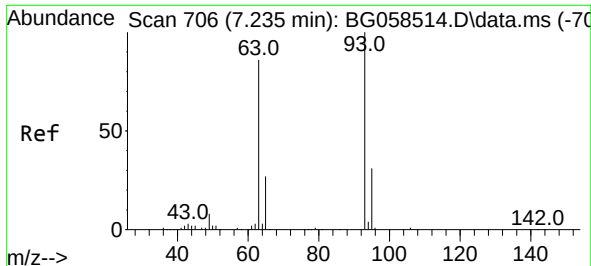


#10  
Phenol  
Concen: 57.564 ng  
RT: 7.012 min Scan# 668  
Delta R.T. 0.000 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47

Tgt Ion: 94 Resp: 260451  
Ion Ratio Lower Upper  
94 100  
65 29.9 10.4 50.4  
66 36.8 18.7 58.7

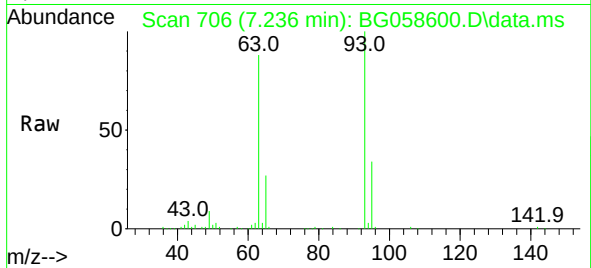






#11  
bis(2-Chloroethyl)ether  
Concen: 52.049 ng  
RT: 7.236 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47

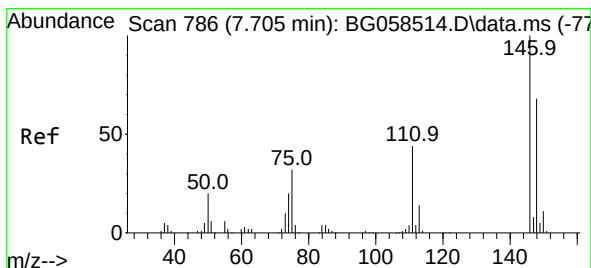
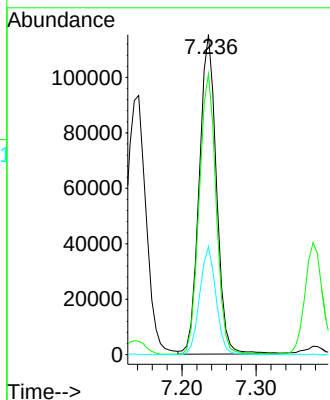
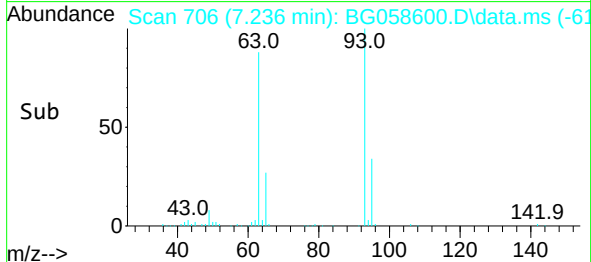
Instrument :  
BNA\_G  
ClientSampleId :  
B-P24BMSD



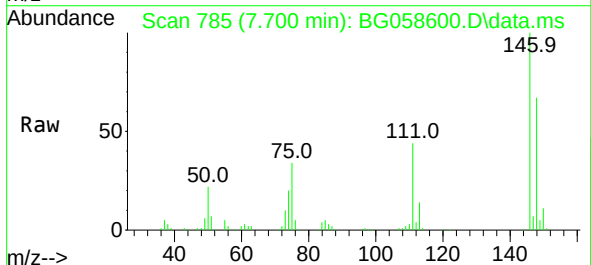
Tgt Ion: 93 Resp: 185650  
Ion Ratio Lower Upper  
93 100  
63 87.8 65.5 105.5  
95 33.7 11.2 51.2

Manual Integrations  
APPROVED

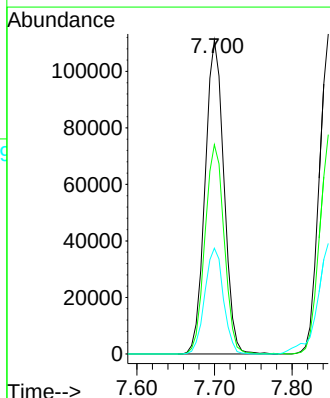
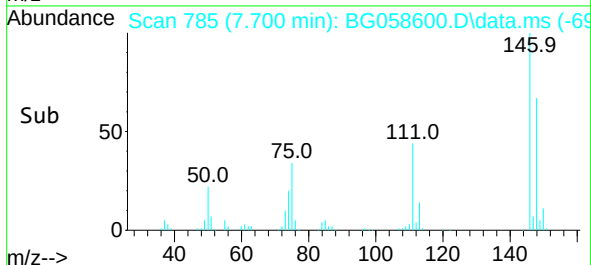
Reviewed By :Yogesh Patel 08/04/2023  
Supervised By :mohammad ahmed 08/04/2023

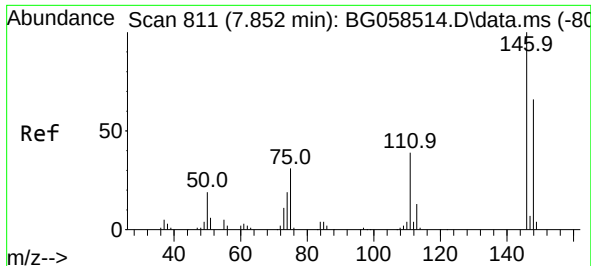


#12  
1,3-Dichlorobenzene  
Concen: 53.731 ng  
RT: 7.700 min Scan# 785  
Delta R.T. -0.006 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47



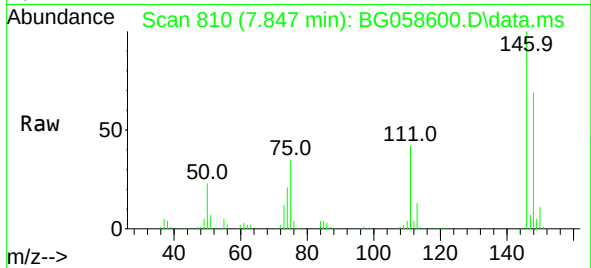
Tgt Ion:146 Resp: 187358  
Ion Ratio Lower Upper  
146 100  
148 66.7 54.7 82.1  
75 33.7 25.8 38.8





#13  
1,4-Dichlorobenzene  
Concen: 54.155 ng  
RT: 7.847 min Scan# 811  
Delta R.T. -0.006 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47

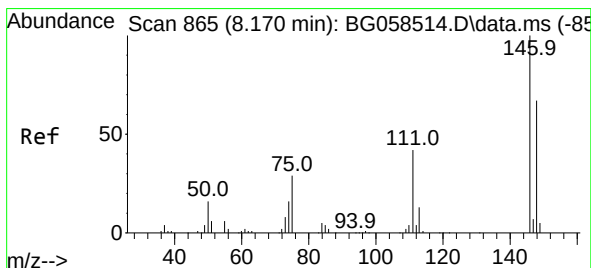
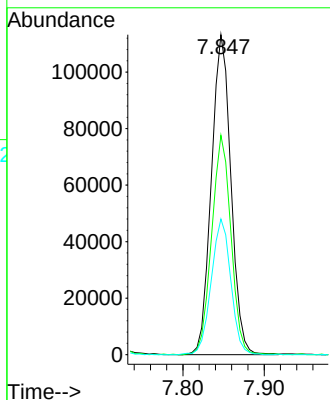
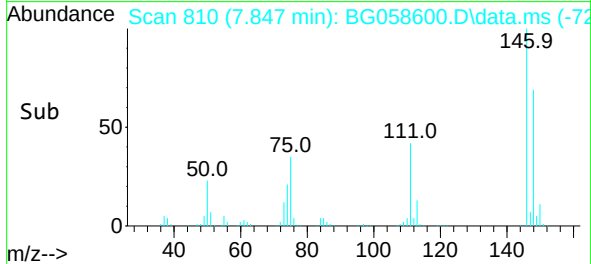
Instrument :  
BNA\_G  
ClientSampleId :  
B-P24BMSD



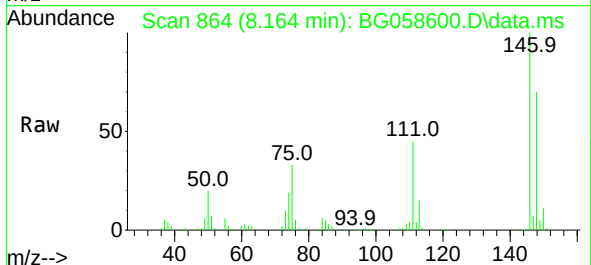
Tgt Ion:146 Resp: 18960  
Ion Ratio Lower Upper  
146 100  
148 68.6 52.8 79.2  
111 42.4 31.7 47.5

Manual Integrations  
APPROVED

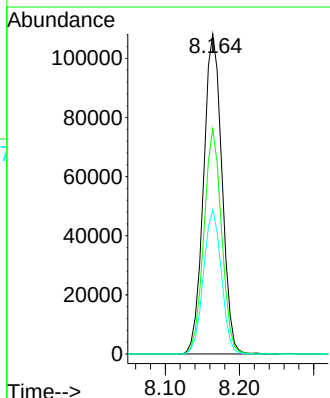
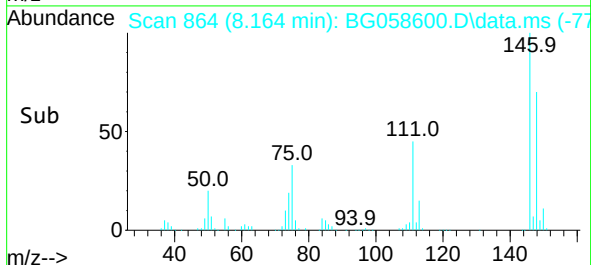
Reviewed By :Yogesh Patel 08/04/2023  
Supervised By :mohammad ahmed 08/04/2023

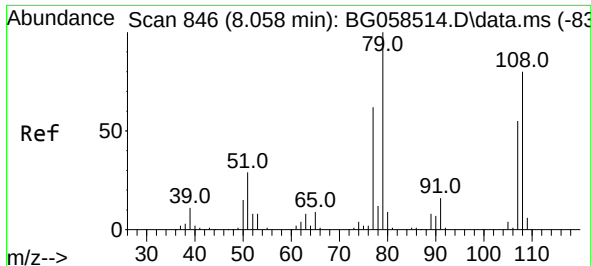


#14  
1,2-Dichlorobenzene  
Concen: 55.666 ng  
RT: 8.164 min Scan# 864  
Delta R.T. -0.006 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47



Tgt Ion:146 Resp: 186336  
Ion Ratio Lower Upper  
146 100  
148 70.3 53.4 80.2  
111 45.0 34.2 51.2





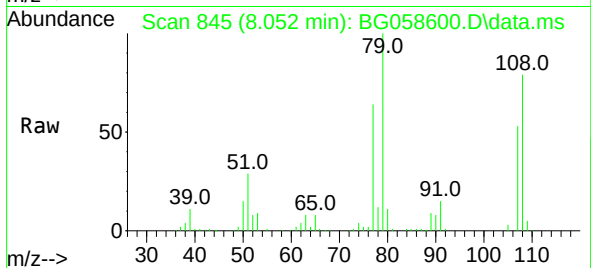
#15  
Benzyl Alcohol  
Concen: 59.486 ng  
RT: 8.052 min Scan# 846  
Delta R.T. -0.006 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47

Instrument :

BNA\_G

ClientSampleId :

B-P24BMSD

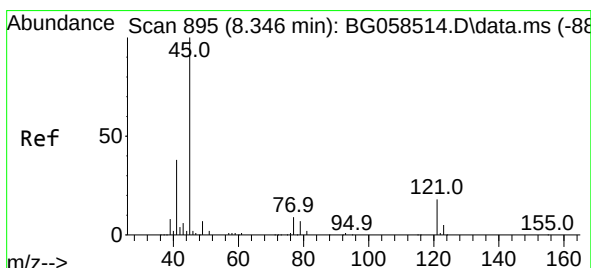
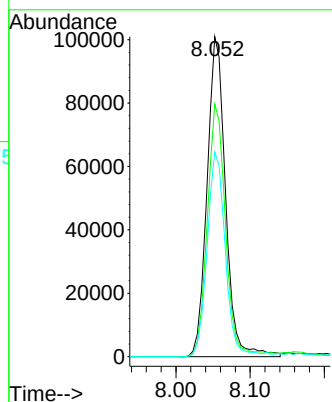
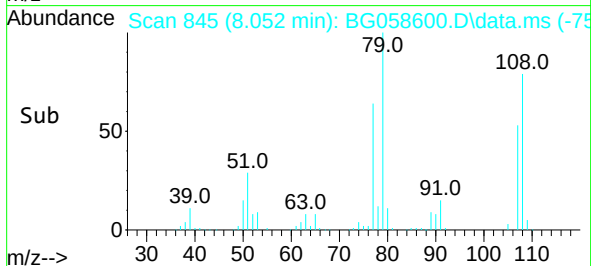


Tgt Ion: 79 Resp: 17473  
Ion Ratio Lower Upper  
79 100  
108 78.9 63.8 95.6  
77 64.0 49.8 74.6

Manual Integrations

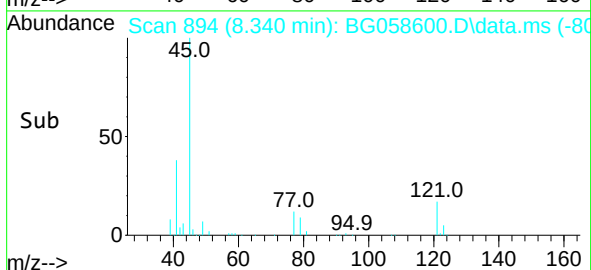
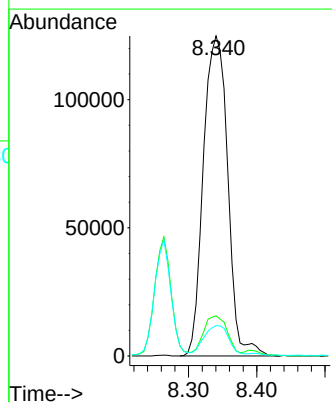
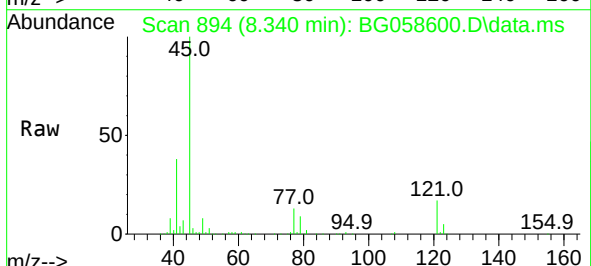
APPROVED

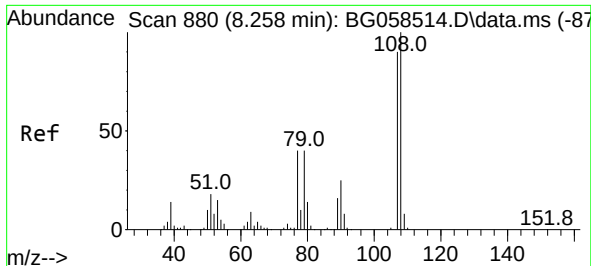
Reviewed By :Yogesh Patel 08/04/2023  
Supervised By :mohammad ahmed 08/04/2023



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 53.519 ng  
RT: 8.340 min Scan# 894  
Delta R.T. -0.006 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47

Tgt Ion: 45 Resp: 310096  
Ion Ratio Lower Upper  
45 100  
77 12.5 0.0 32.6  
79 9.5 0.0 30.2





#17

2-Methylphenol

Concen: 53.351 ng

RT: 8.264 min Scan# 81

Delta R.T. 0.006 min

Lab File: BG058600.D

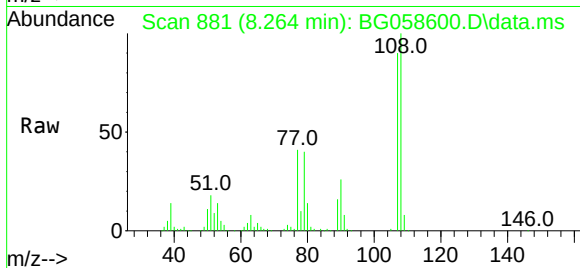
Acq: 3 Aug 2023 19:47

Instrument :

BNA\_G

ClientSampleId :

B-P24BMSD



Tgt Ion:107 Resp: 17649

Ion Ratio Lower Upper

107 100

108 110.6 89.1 133.7

77 45.5 36.2 54.4

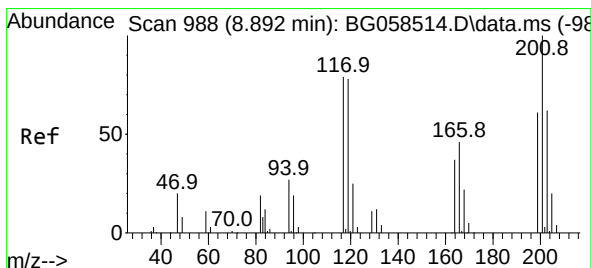
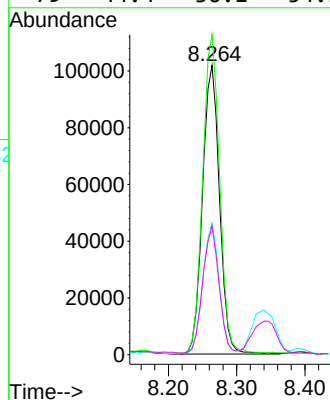
79 44.4 36.1 54.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/04/2023

Supervised By :mohammad ahmed 08/04/2023



#18

Hexachloroethane

Concen: 55.578 ng

RT: 8.887 min Scan# 987

Delta R.T. -0.006 min

Lab File: BG058600.D

Acq: 3 Aug 2023 19:47

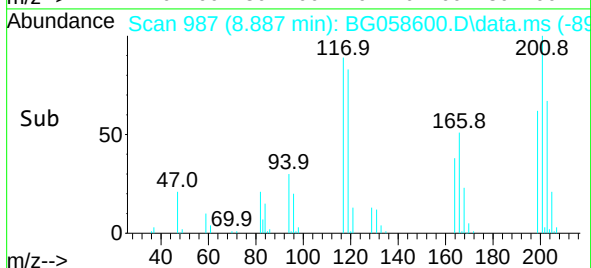
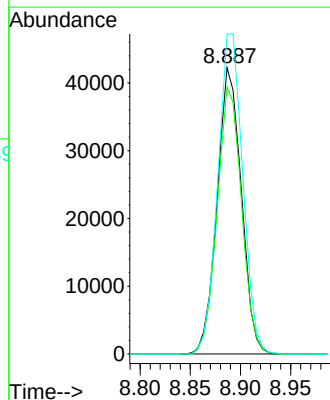
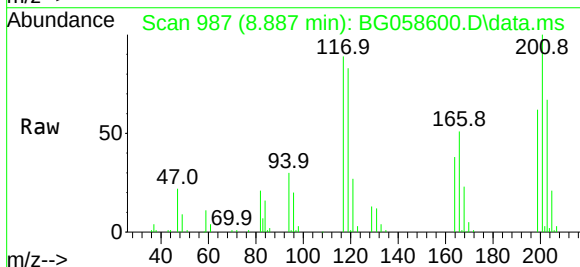
Tgt Ion:117 Resp: 70727

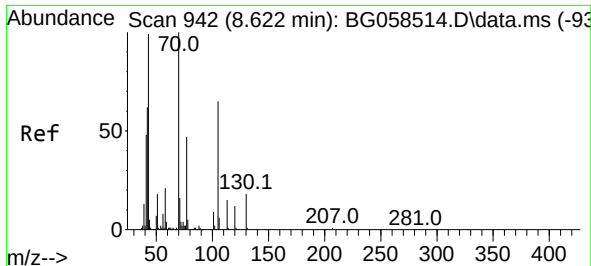
Ion Ratio Lower Upper

117 100

119 93.2 78.6 117.8

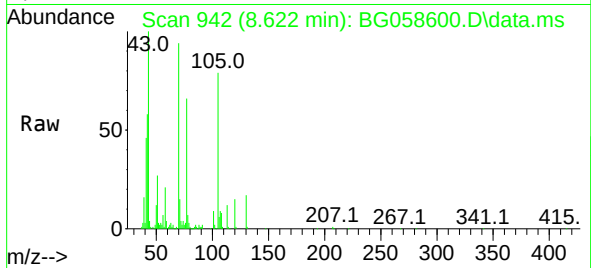
201 111.8 101.4 152.0





#19  
n-Nitroso-di-n-propylamine  
Concen: 49.056 ng  
RT: 8.622 min Scan# 942  
Delta R.T. 0.000 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47

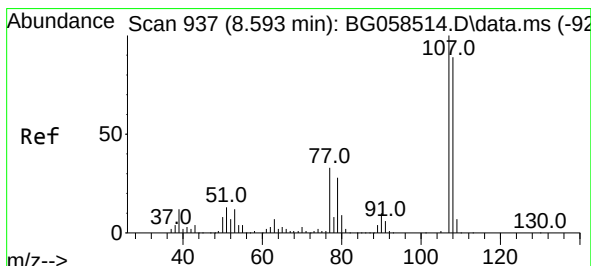
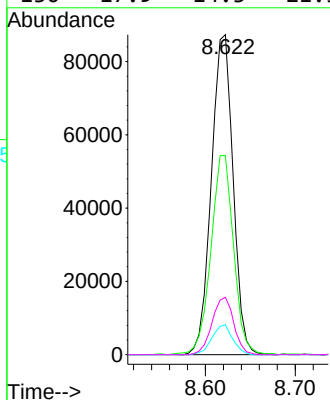
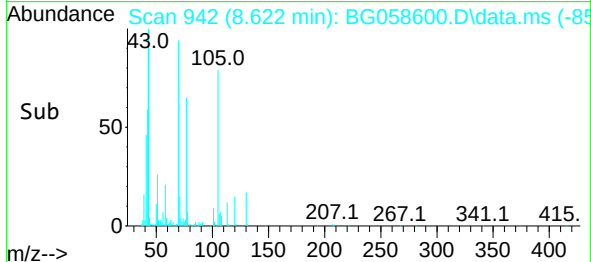
Instrument :  
BNA\_G  
ClientSampleId :  
B-P24BMSD



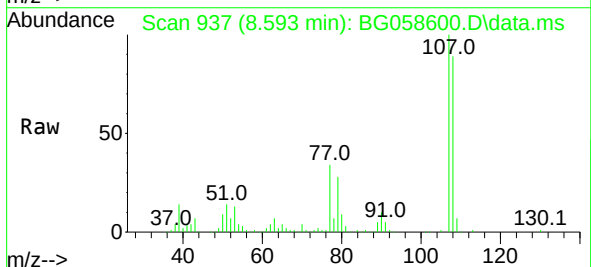
Tgt Ion: 70 Resp: 14676  
Ion Ratio Lower Upper  
70 100  
42 62.2 49.7 74.5  
101 9.4 7.0 10.4  
130 17.9 14.3 21.5

Manual Integrations  
APPROVED

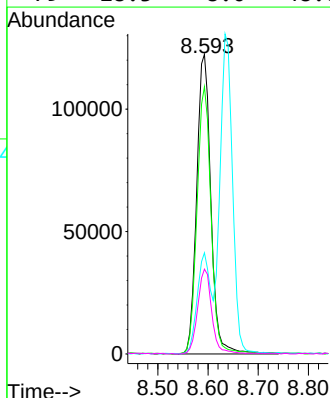
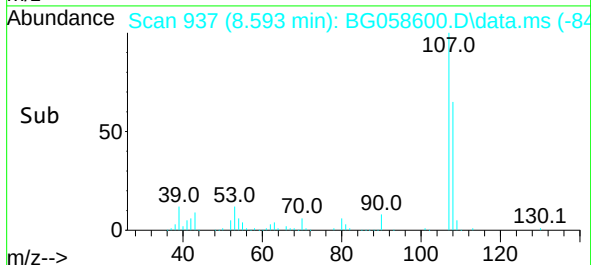
Reviewed By :Yogesh Patel 08/04/2023  
Supervised By :mohammad ahmed 08/04/2023

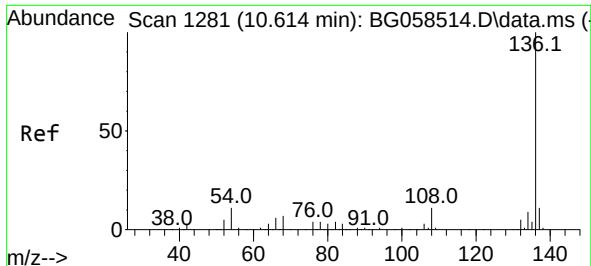


#20  
3+4-Methylphenols  
Concen: 53.707 ng  
RT: 8.593 min Scan# 937  
Delta R.T. 0.000 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47



Tgt Ion:107 Resp: 240334  
Ion Ratio Lower Upper  
107 100  
108 89.2 69.4 109.4  
77 33.8 13.0 53.0  
79 28.3 8.0 48.0





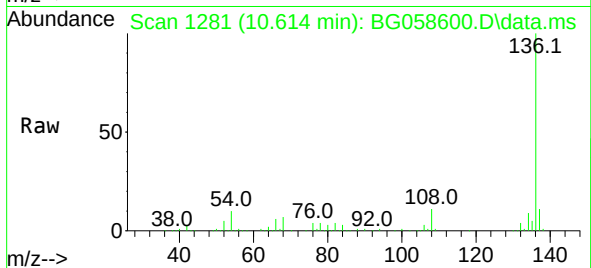
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.614 min Scan# 1281  
Delta R.T. 0.000 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47

Instrument :

BNA\_G

ClientSampleId :

B-P24BMSD

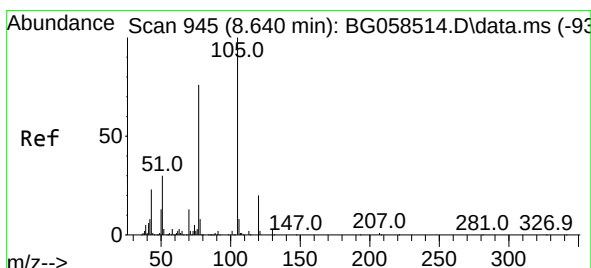
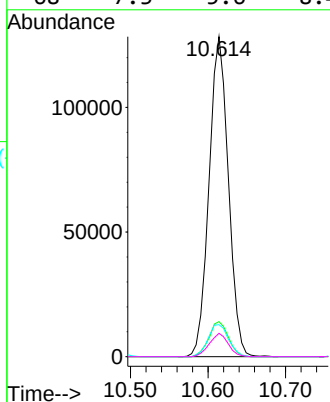
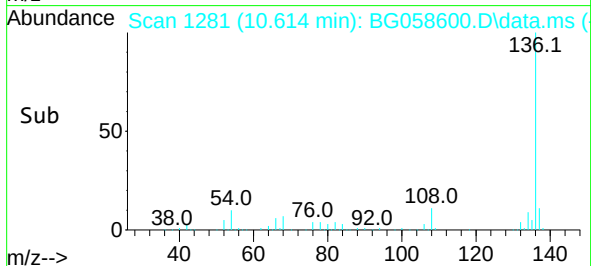


Tgt Ion:136 Resp: 222368  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 13.0  
54 10.0 8.9 13.3  
68 7.3 5.6 8.4

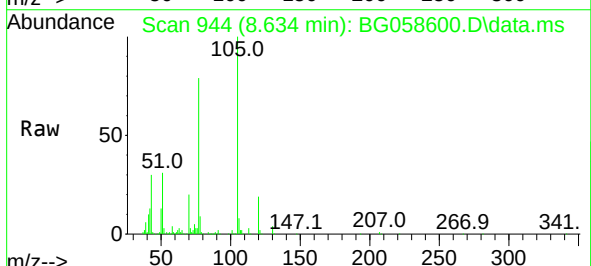
Manual Integrations

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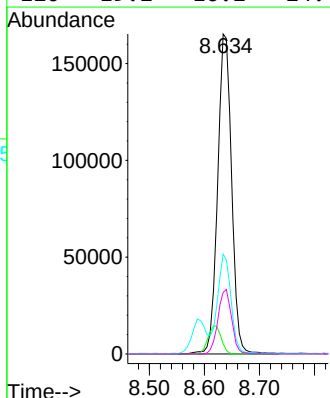
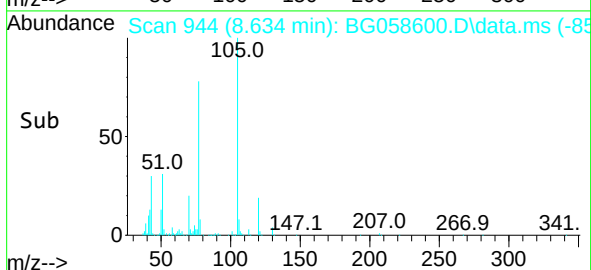
Reviewed By :Yogesh Patel 08/04/2023  
Supervised By :mohammad ahmed 08/04/2023

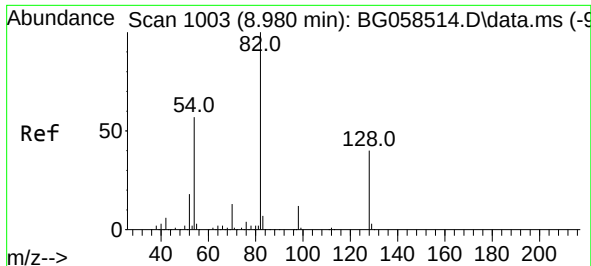


#22  
Acetophenone  
Concen: 48.968 ng  
RT: 8.634 min Scan# 944  
Delta R.T. -0.006 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47



Tgt Ion:105 Resp: 291561  
Ion Ratio Lower Upper  
105 100  
71 3.2 1.8 2.6#  
51 31.2 24.2 36.2  
120 19.2 16.2 24.4





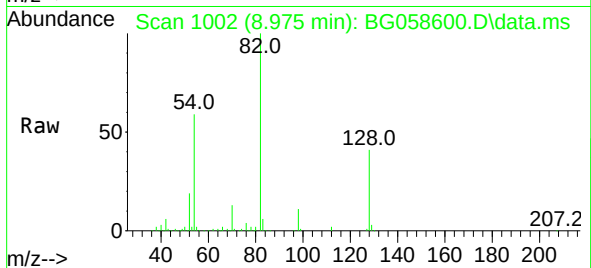
#23  
Nitrobenzene-d5  
Concen: 45.931 ng  
RT: 8.975 min Scan# 1002  
Delta R.T. -0.006 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47

Instrument :

BNA\_G

ClientSampleId :

B-P24BMSD

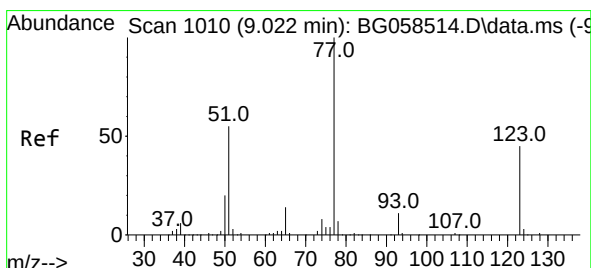
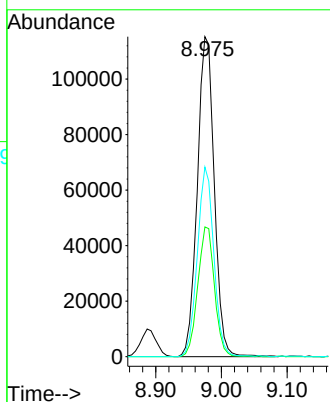
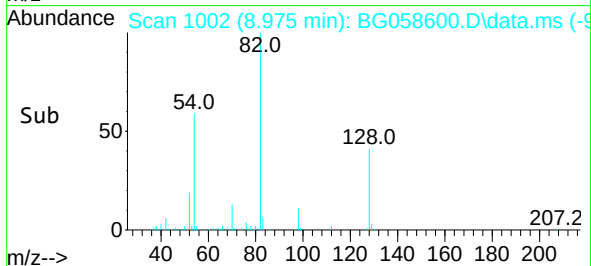


Tgt Ion: 82 Resp: 207909  
Ion Ratio Lower Upper  
82 100  
128 40.6 32.2 48.2  
54 59.3 46.0 69.0

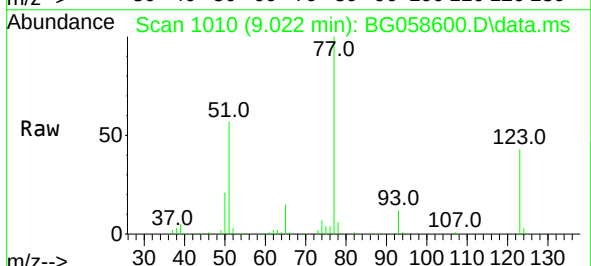
Manual Integrations

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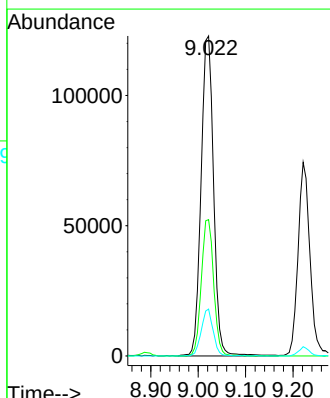
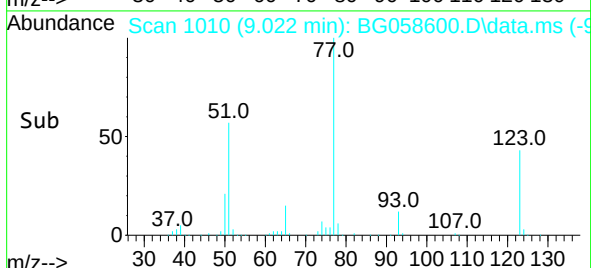
Reviewed By :Yogesh Patel 08/04/2023  
Supervised By :mohammad ahmed 08/04/2023

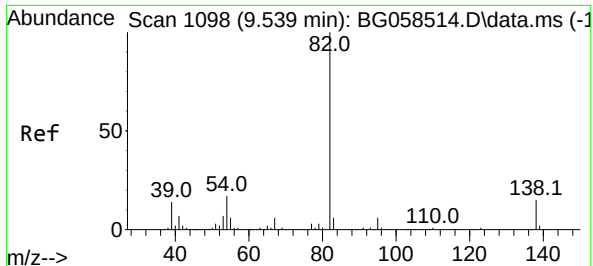


#24  
Nitrobenzene  
Concen: 48.918 ng  
RT: 9.022 min Scan# 1010  
Delta R.T. 0.000 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47



Tgt Ion: 77 Resp: 225114  
Ion Ratio Lower Upper  
77 100  
123 42.6 35.6 53.4  
65 14.6 11.4 17.0





#25

Isophorone

Concen: 45.558 ng

RT: 9.539 min Scan# 1098

Delta R.T. 0.000 min

Lab File: BG058600.D

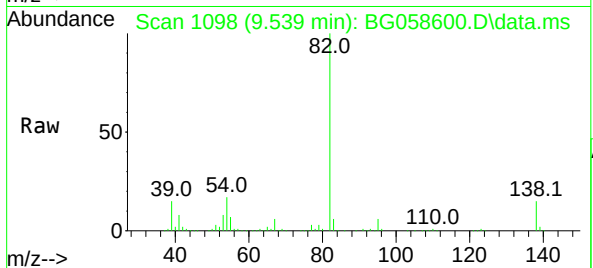
Acq: 3 Aug 2023 19:47

Instrument :

BNA\_G

ClientSampleId :

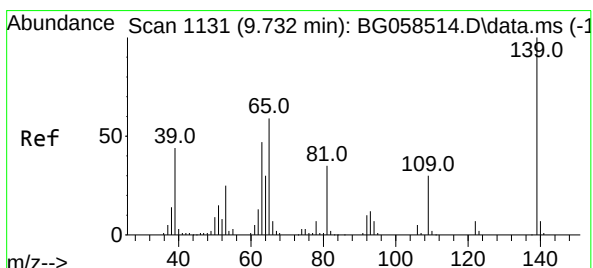
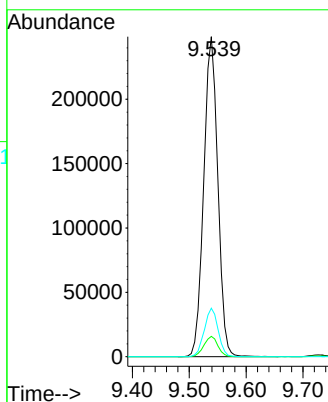
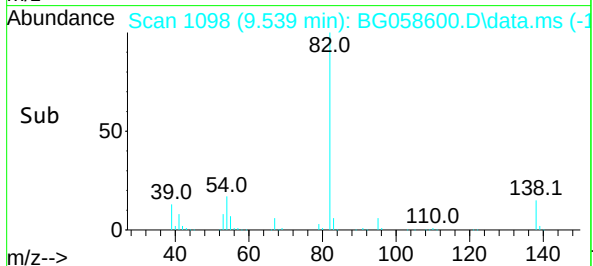
B-P24BMSD



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 426089 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 6.3   | 5.1   | 7.7    |
| 138       | 15.2  | 11.9  | 17.9   |

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 08/04/2023  
Supervised By :mohammad ahmed 08/04/2023



#26

2-Nitrophenol

Concen: 50.884 ng

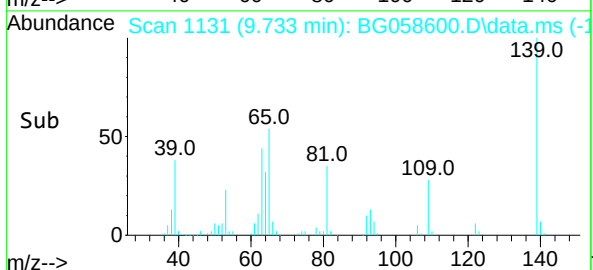
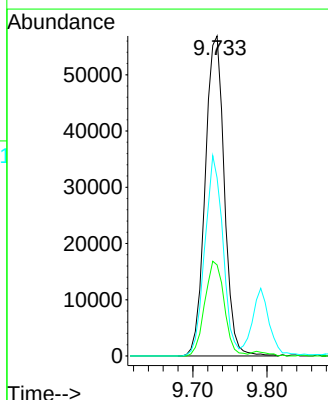
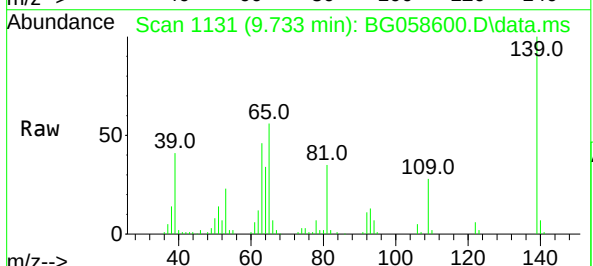
RT: 9.733 min Scan# 1131

Delta R.T. 0.000 min

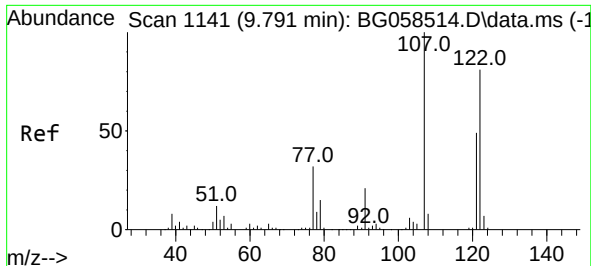
Lab File: BG058600.D

Acq: 3 Aug 2023 19:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 101929 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 28.4  | 24.2  | 36.2   |
| 65        | 55.7  | 47.0  | 70.4   |







#27

2,4-Dimethylphenol

Concen: 48.962 ng

RT: 9.791 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BG058600.D

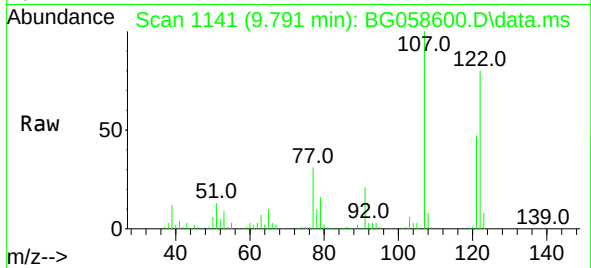
Acq: 3 Aug 2023 19:47

Instrument :

BNA\_G

ClientSampleId :

B-P24BMSD



Tgt Ion:122 Resp: 162680

Ion Ratio Lower Upper

122 100

107 125.6 98.0 147.0

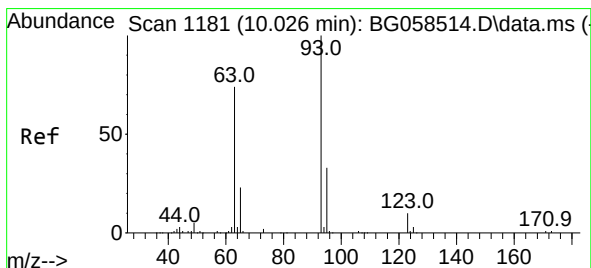
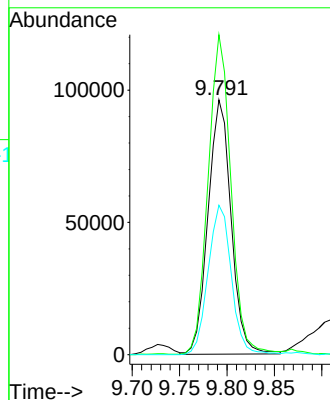
121 58.6 47.8 71.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/04/2023

Supervised By :mohammad ahmed 08/04/2023



#28

bis(2-Chloroethoxy)methane

Concen: 48.610 ng

RT: 10.021 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BG058600.D

Acq: 3 Aug 2023 19:47

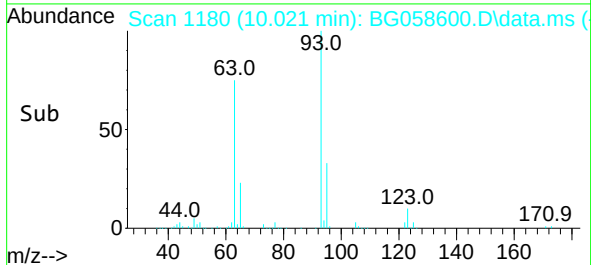
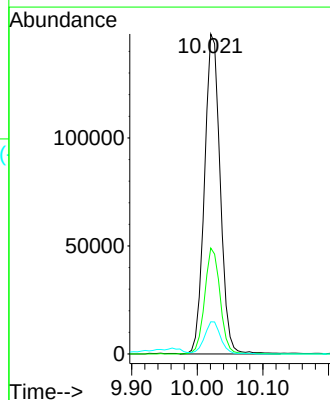
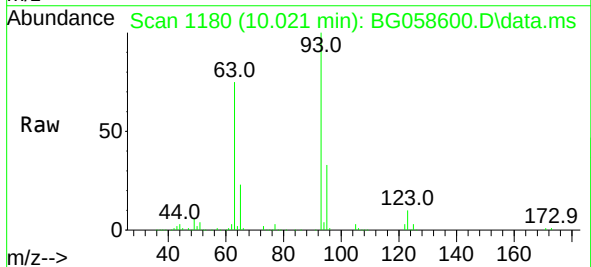
Tgt Ion: 93 Resp: 247415

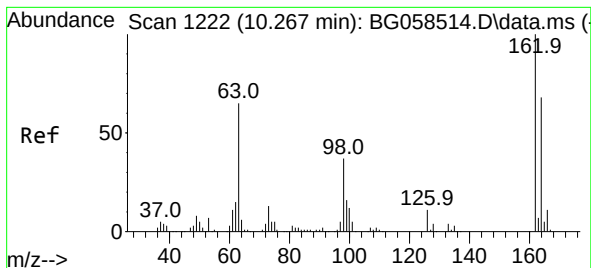
Ion Ratio Lower Upper

93 100

95 33.1 26.0 39.0

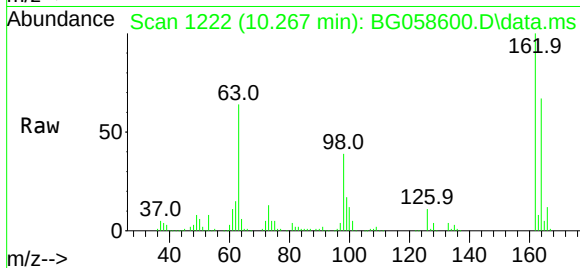
123 10.1 7.8 11.8





#29  
2,4-Dichlorophenol  
Concen: 53.608 ng  
RT: 10.267 min Scan# 1222  
Delta R.T. 0.000 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47

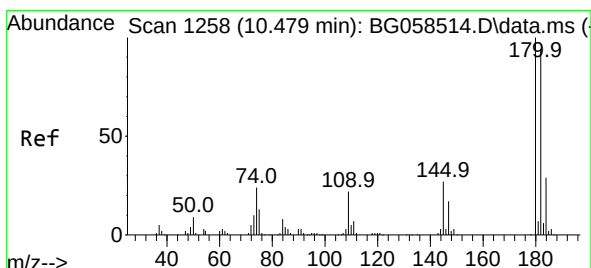
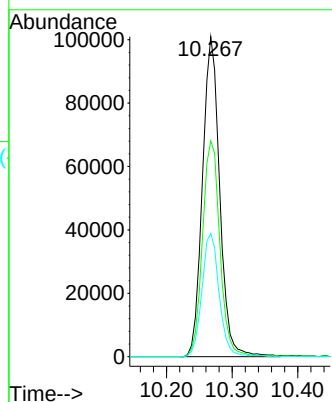
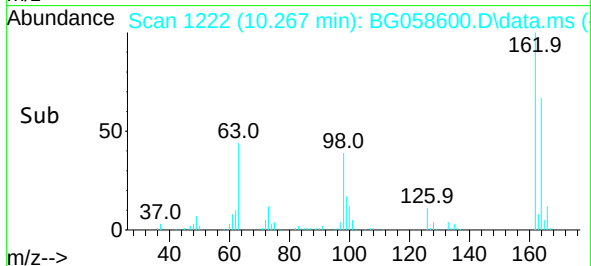
Instrument :  
BNA\_G  
ClientSampleId :  
B-P24BMSD



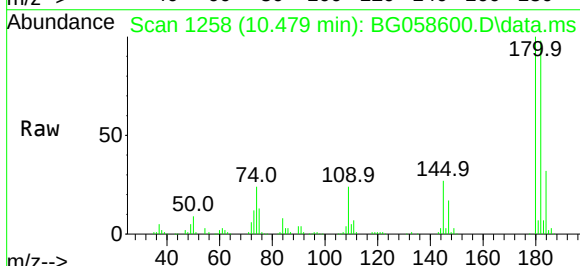
Tgt Ion:162 Resp: 184944  
Ion Ratio Lower Upper  
162 100  
164 67.4 47.6 87.6  
98 38.5 17.1 57.1

Manual Integrations  
APPROVED

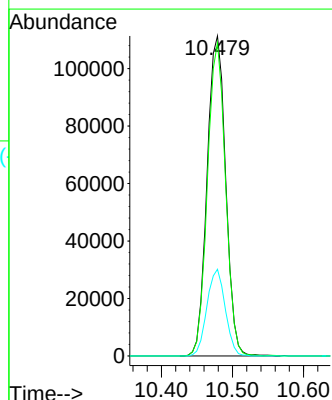
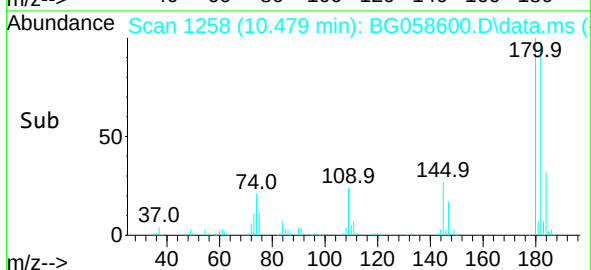
Reviewed By :Yogesh Patel 08/04/2023  
Supervised By :mohammad ahmed 08/04/2023

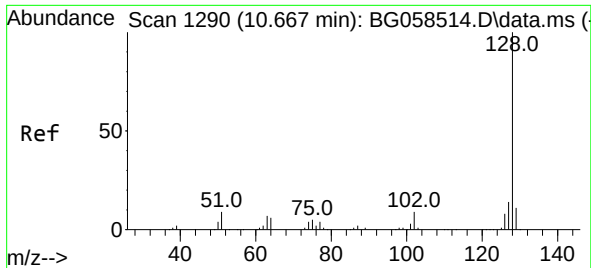


#30  
1,2,4-Trichlorobenzene  
Concen: 50.915 ng  
RT: 10.479 min Scan# 1258  
Delta R.T. 0.000 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47



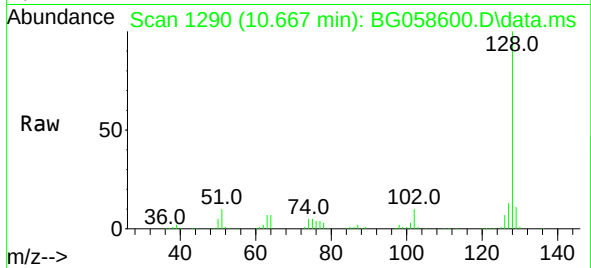
Tgt Ion:180 Resp: 202574  
Ion Ratio Lower Upper  
180 100  
182 97.9 75.0 112.4  
145 27.1 21.9 32.9





#31  
Naphthalene  
Concen: 48.388 ng  
RT: 10.667 min Scan# 1170  
Delta R.T. 0.000 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47

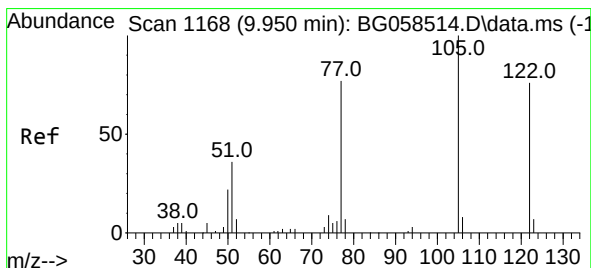
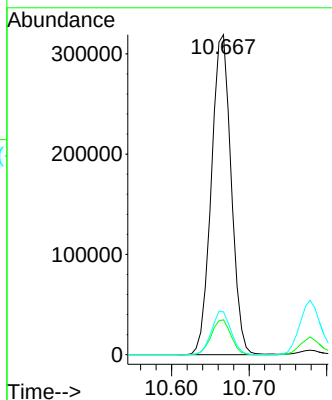
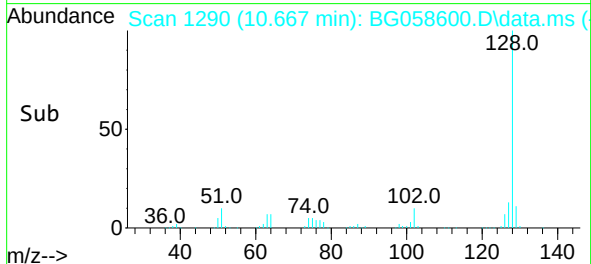
Instrument :  
BNA\_G  
ClientSampleId :  
B-P24BMDS



Tgt Ion:128 Resp: 567108  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.8 13.2  
127 13.4 10.9 16.3

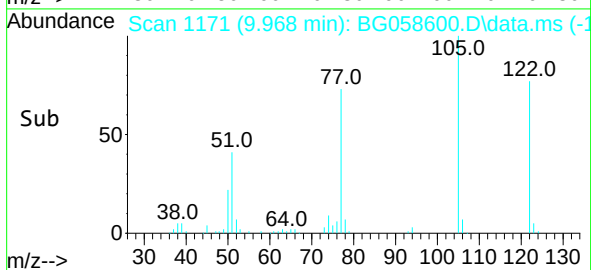
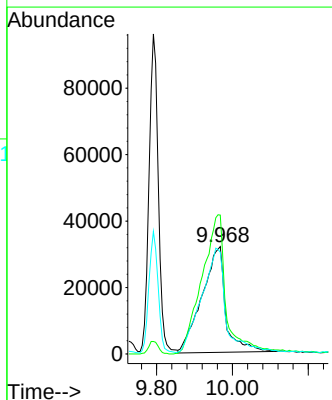
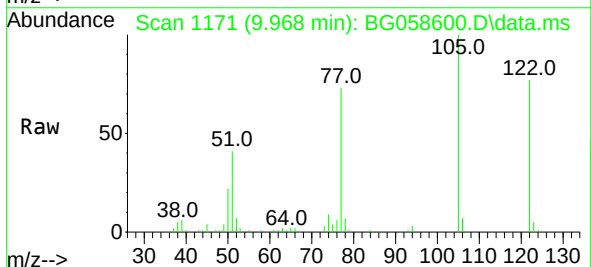
Manual Integrations  
APPROVED

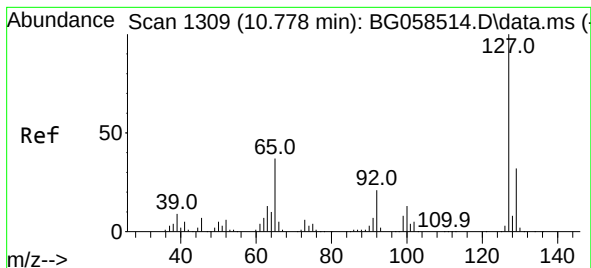
Reviewed By :Yogesh Patel 08/04/2023  
Supervised By :mohammad ahmed 08/04/2023



#32  
Benzoic acid  
Concen: 54.008 ng  
RT: 9.968 min Scan# 1171  
Delta R.T. 0.018 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47

Tgt Ion:122 Resp: 138596  
Ion Ratio Lower Upper  
122 100  
105 129.4 106.5 146.5  
77 94.8 78.1 118.1





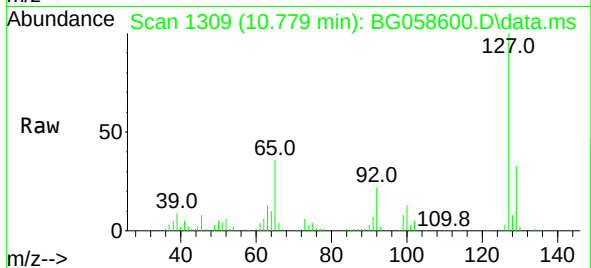
#33  
4-Chloroaniline  
Concen: 22.263 ng  
RT: 10.779 min Scan# 11024  
Delta R.T. 0.000 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47

Instrument :

BNA\_G

ClientSampleId :

B-P24BMSD

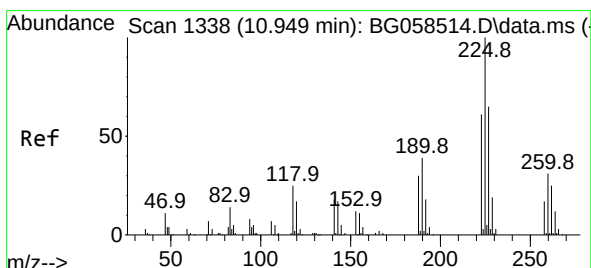
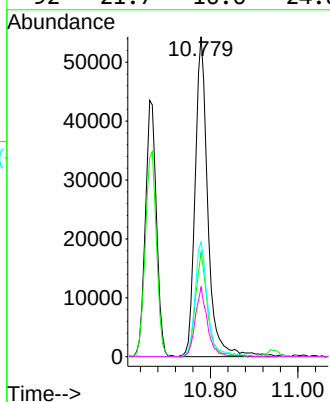
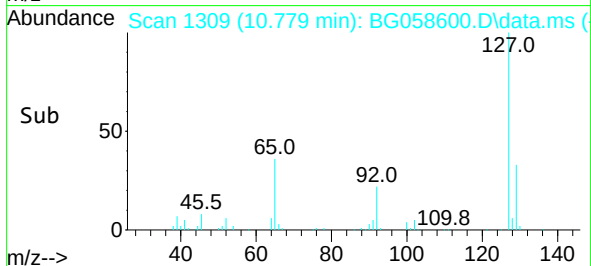


Tgt Ion:127 Resp: 11024  
Ion Ratio Lower Upper  
127 100  
129 32.5 25.4 38.2  
65 35.8 29.5 44.3  
92 21.7 16.6 24.8

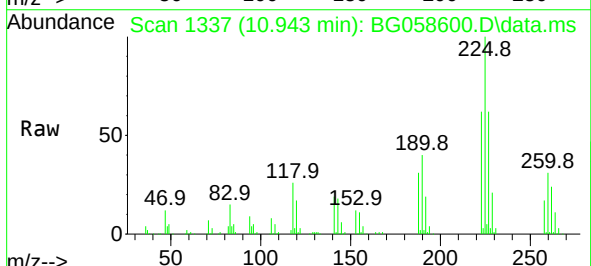
Manual Integrations

APPROVED

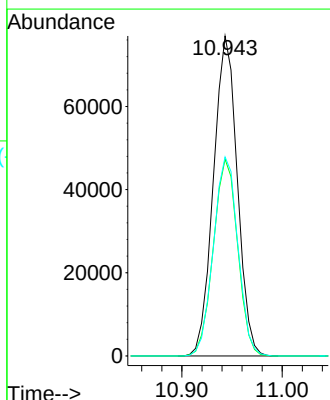
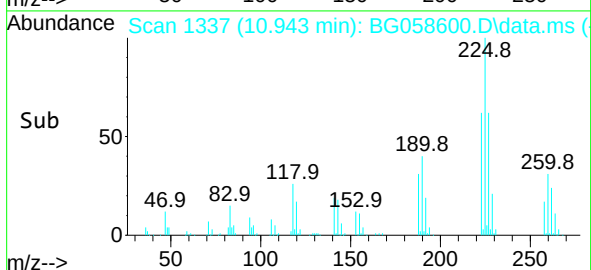
Reviewed By :Yogesh Patel 08/04/2023  
Supervised By :mohammad ahmed 08/04/2023

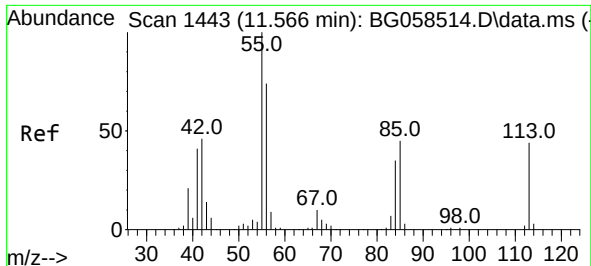


#34  
Hexachlorobutadiene  
Concen: 49.518 ng  
RT: 10.943 min Scan# 1337  
Delta R.T. -0.006 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47



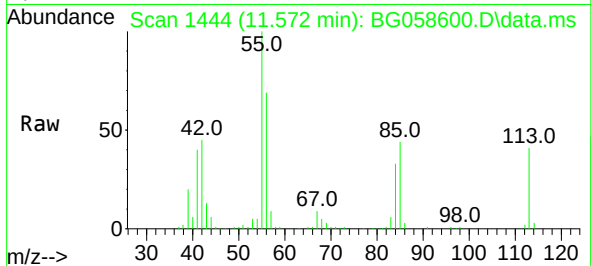
Tgt Ion:225 Resp: 126877  
Ion Ratio Lower Upper  
225 100  
223 61.5 49.0 73.6  
227 62.2 51.7 77.5





#35  
Caprolactam  
Concen: 48.846 ng m  
RT: 11.572 min Scan# 1444  
Delta R.T. 0.006 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47

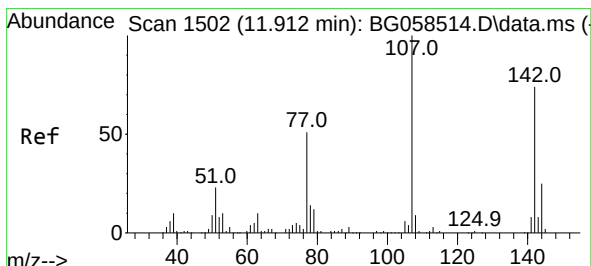
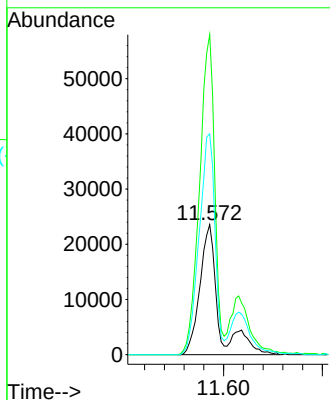
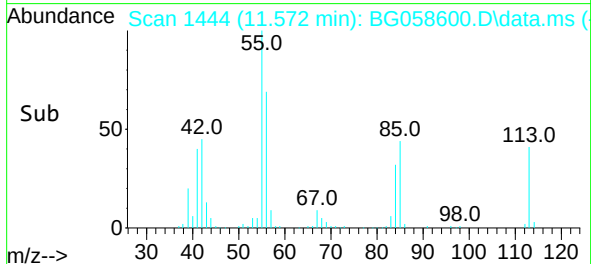
Instrument :  
BNA\_G  
ClientSampleId :  
B-P24BMSD



Tgt Ion:113 Resp: 62229  
Ion Ratio Lower Upper  
113 100  
55 245.9 208.0 248.0  
56 169.7 148.6 188.6

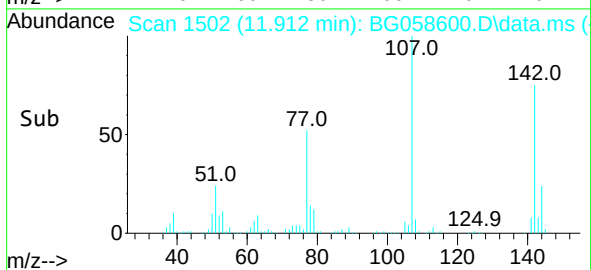
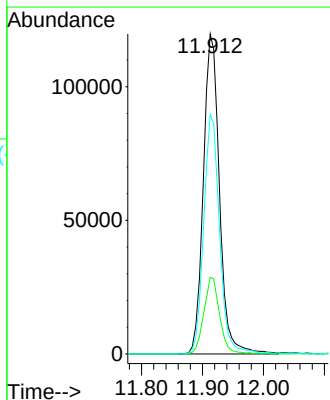
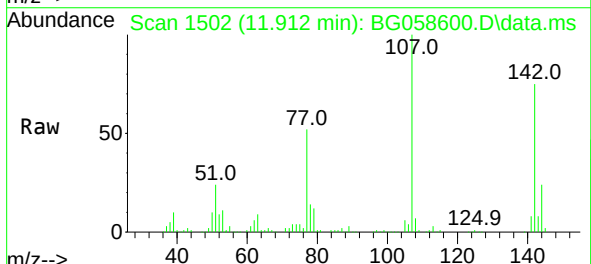
Manual Integrations  
APPROVED

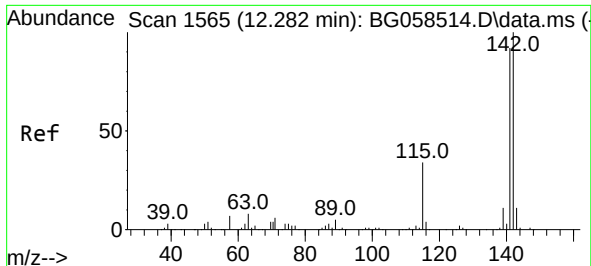
Reviewed By :Yogesh Patel 08/04/2023  
Supervised By :mohammad ahmed 08/04/2023



#36  
4-Chloro-3-methylphenol  
Concen: 51.689 ng  
RT: 11.912 min Scan# 1502  
Delta R.T. 0.000 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47

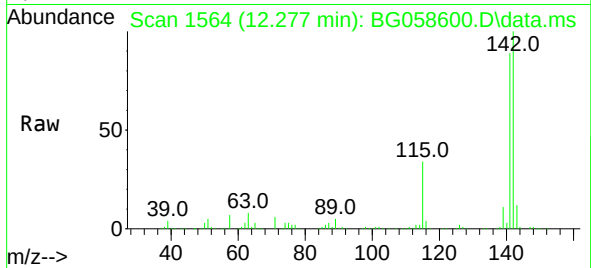
Tgt Ion:107 Resp: 220594  
Ion Ratio Lower Upper  
107 100  
144 23.9 19.6 29.4  
142 74.8 59.3 88.9





#37  
2-Methylnaphthalene  
Concen: 46.369 ng  
RT: 12.277 min Scan# 1565  
Delta R.T. -0.006 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47

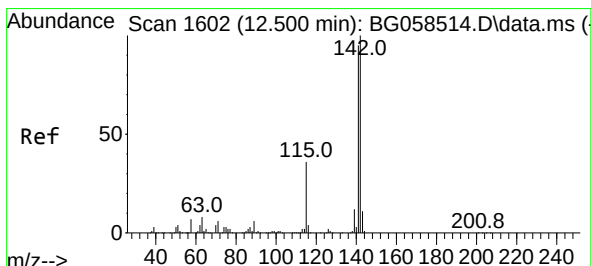
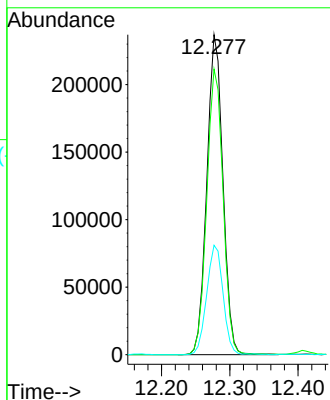
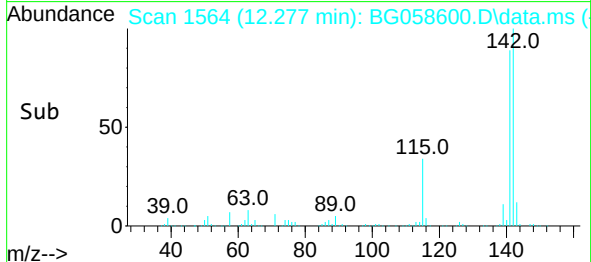
Instrument :  
BNA\_G  
ClientSampleId :  
B-P24BMDS



Tgt Ion:142 Resp: 38873  
Ion Ratio Lower Upper  
142 100  
141 89.2 73.5 110.3  
115 34.2 27.4 41.0

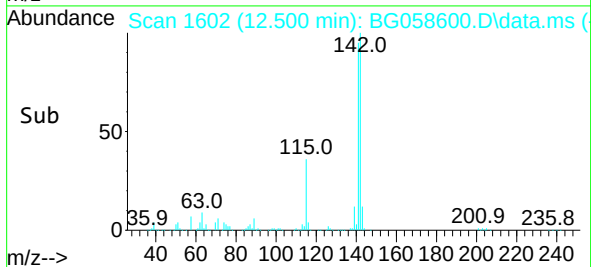
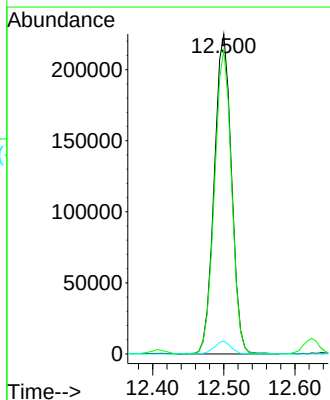
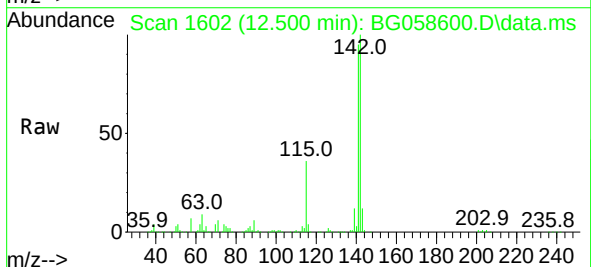
Manual Integrations  
APPROVED

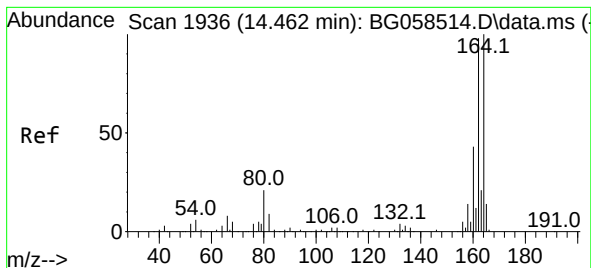
Reviewed By :Yogesh Patel 08/04/2023  
Supervised By :mohammad ahmed 08/04/2023



#38  
1-Methylnaphthalene  
Concen: 47.321 ng  
RT: 12.500 min Scan# 1602  
Delta R.T. 0.000 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47

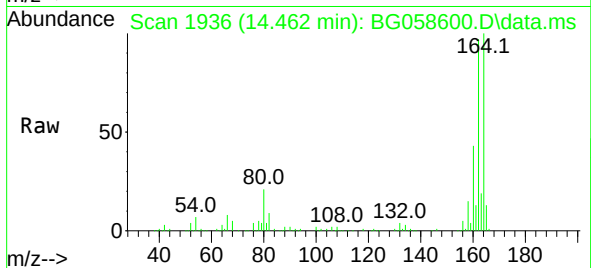
Tgt Ion:142 Resp: 377116  
Ion Ratio Lower Upper  
142 100  
141 94.9 75.7 113.5  
116 4.0 3.2 4.8





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.462 min Scan# 1936  
Delta R.T. 0.000 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47

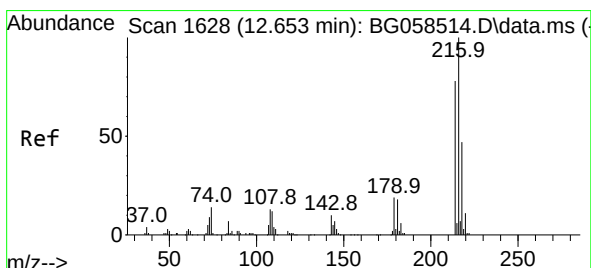
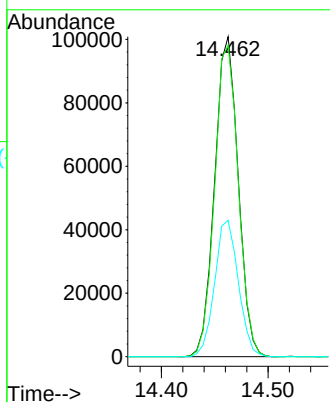
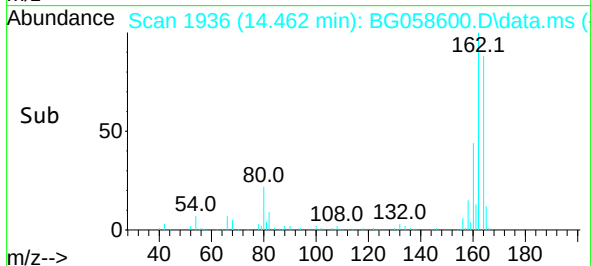
Instrument :  
BNA\_G  
ClientSampleId :  
B-P24BMSD



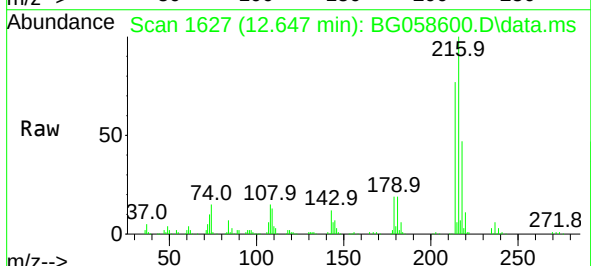
Tgt Ion:164 Resp: 154192  
Ion Ratio Lower Upper  
164 100  
162 97.3 78.3 117.5  
160 42.6 34.1 51.1

Manual Integrations  
APPROVED

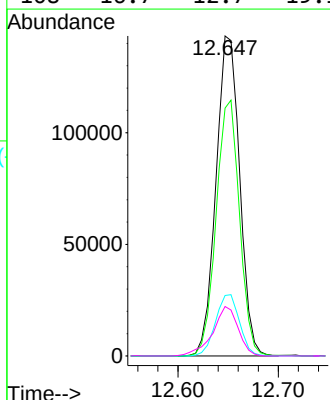
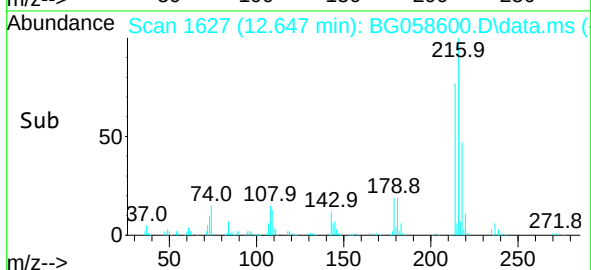
Reviewed By :Yogesh Patel 08/04/2023  
Supervised By :mohammad ahmed 08/04/2023

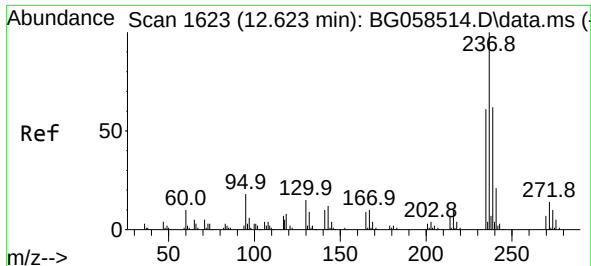


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 49.620 ng  
RT: 12.647 min Scan# 1627  
Delta R.T. -0.006 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47



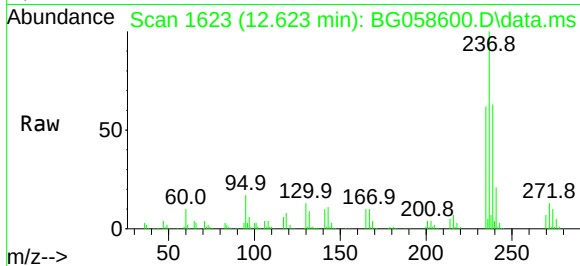
Tgt Ion:216 Resp: 234892  
Ion Ratio Lower Upper  
216 100  
214 78.7 63.1 94.7  
179 19.3 15.6 23.4  
108 16.7 12.7 19.1





#41  
Hexachlorocyclopentadiene  
Concen: 72.628 ng  
RT: 12.623 min Scan# 1623  
Delta R.T. 0.000 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47

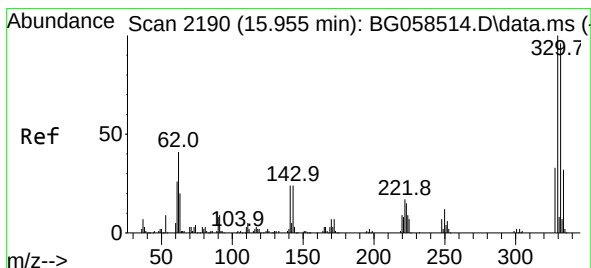
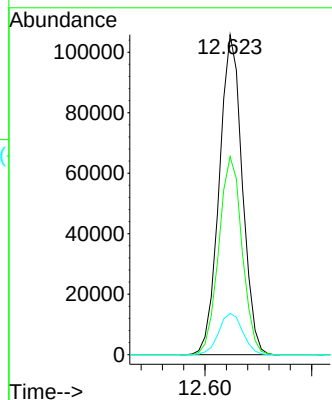
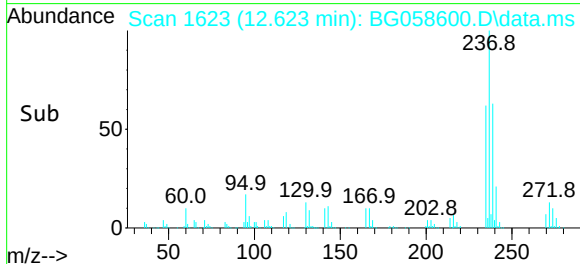
Instrument :  
BNA\_G  
ClientSampleId :  
B-P24BMSD



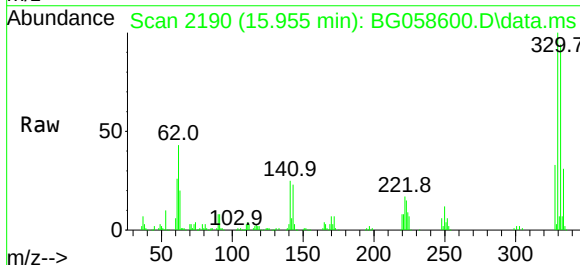
Tgt Ion:237 Resp: 15818  
Ion Ratio Lower Upper  
237 100  
235 61.9 41.0 81.0  
272 12.9 0.0 33.6

Manual Integrations  
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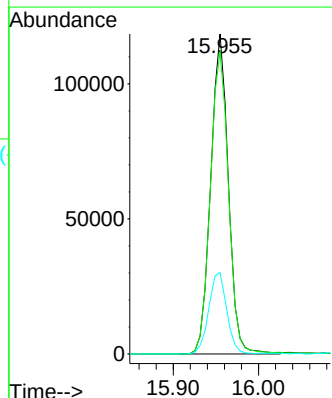
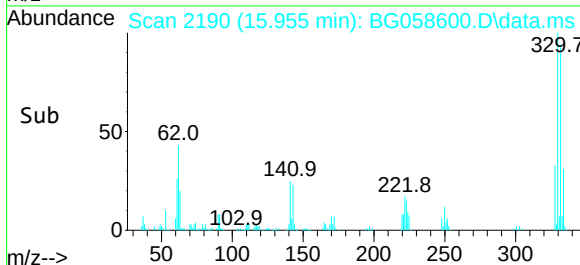
Reviewed By :Yogesh Patel 08/04/2023  
Supervised By :mohammad ahmed 08/04/2023



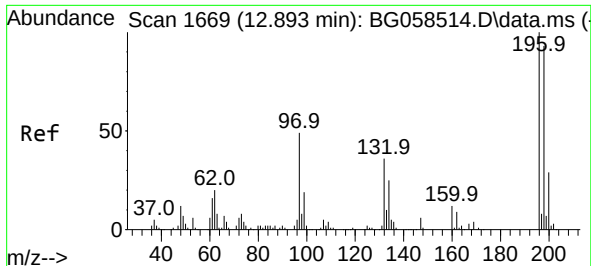
#42  
2,4,6-Tribromophenol  
Concen: 67.154 ng  
RT: 15.955 min Scan# 2190  
Delta R.T. 0.000 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47



Tgt Ion:330 Resp: 169720  
Ion Ratio Lower Upper  
330 100  
332 97.8 77.5 116.3  
141 26.2 20.7 31.1

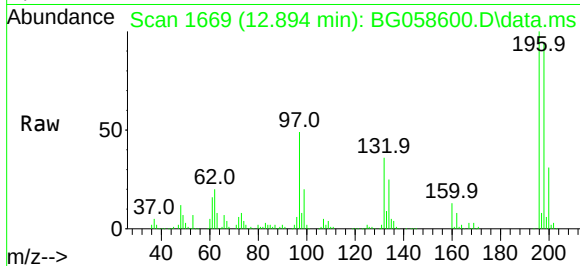






#43  
2,4,6-Trichlorophenol  
Concen: 51.883 ng  
RT: 12.894 min Scan# 1669  
Delta R.T. 0.000 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47

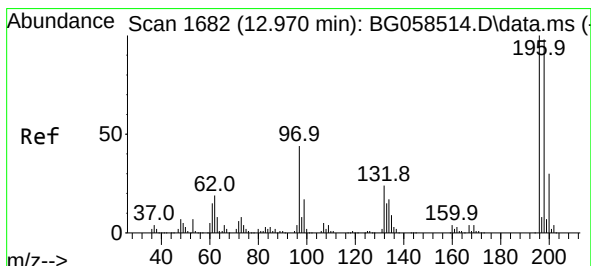
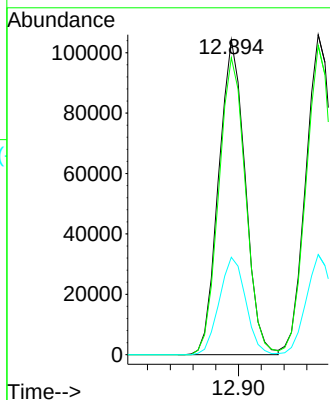
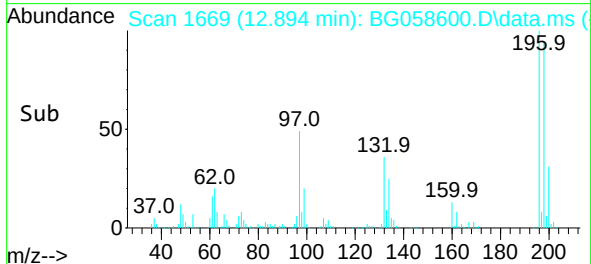
Instrument :  
BNA\_G  
ClientSampleId :  
B-P24BMSD



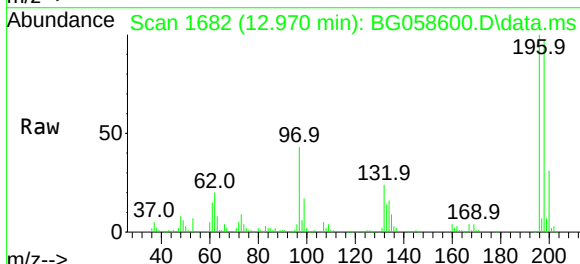
Tgt Ion:196 Resp: 16893  
Ion Ratio Lower Upper  
196 100  
198 94.2 74.2 111.4  
200 31.0 22.9 34.3

Manual Integrations  
APPROVED

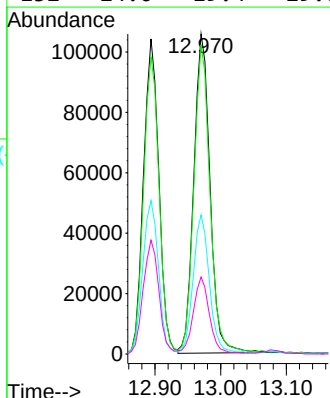
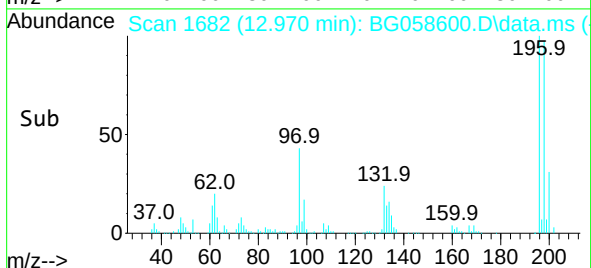
Reviewed By :Yogesh Patel 08/04/2023  
Supervised By :mohammad ahmed 08/04/2023

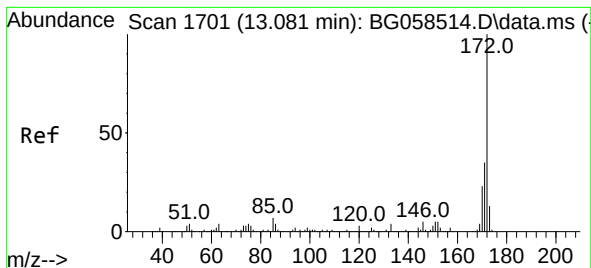


#44  
2,4,5-Trichlorophenol  
Concen: 47.602 ng  
RT: 12.970 min Scan# 1682  
Delta R.T. 0.000 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47



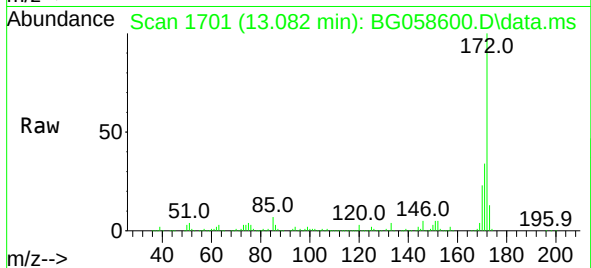
Tgt Ion:196 Resp: 182559  
Ion Ratio Lower Upper  
196 100  
198 96.6 78.3 117.5  
97 43.5 35.2 52.8  
132 24.0 19.4 29.0





#45  
2-Fluorobiphenyl  
Concen: 46.379 ng  
RT: 13.082 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47

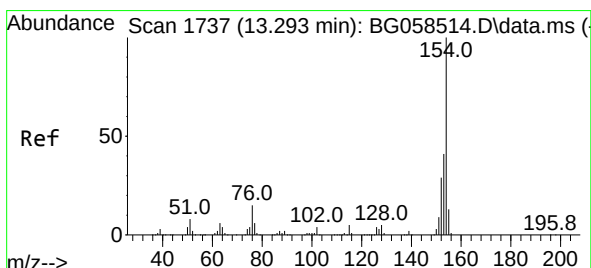
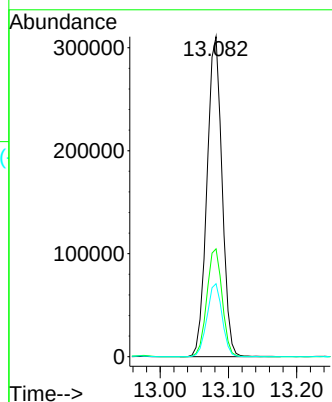
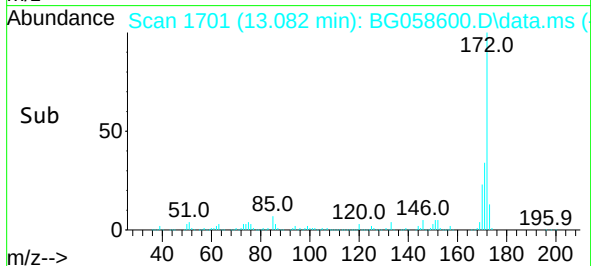
Instrument :  
BNA\_G  
ClientSampleId :  
B-P24BMSD



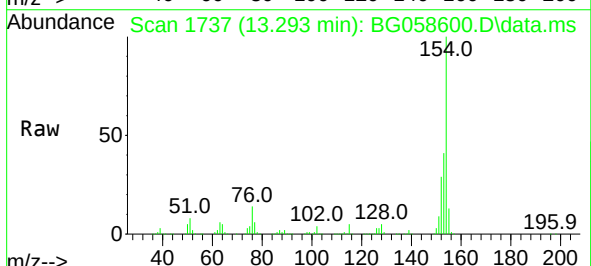
Tgt Ion:172 Resp: 47720  
Ion Ratio Lower Upper  
172 100  
171 33.7 28.0 42.0  
170 22.8 18.4 27.6

Manual Integrations  
APPROVED

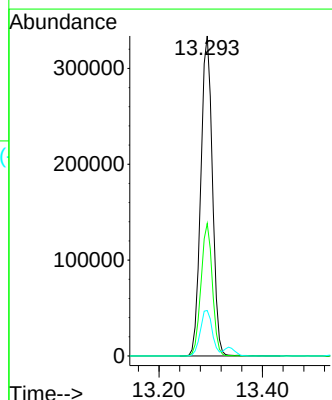
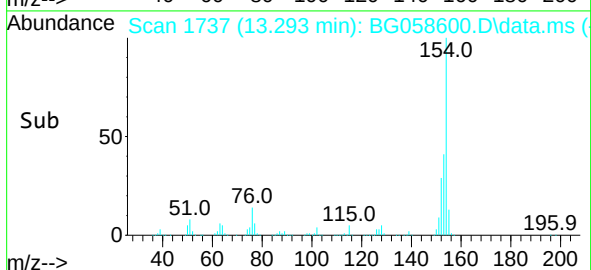
Reviewed By :Yogesh Patel 08/04/2023  
Supervised By :mohammad ahmed 08/04/2023

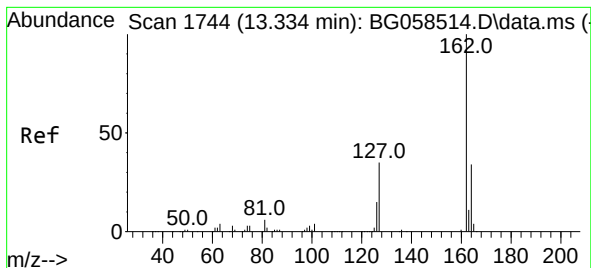


#46  
1,1'-Biphenyl  
Concen: 49.112 ng  
RT: 13.293 min Scan# 1737  
Delta R.T. 0.000 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47



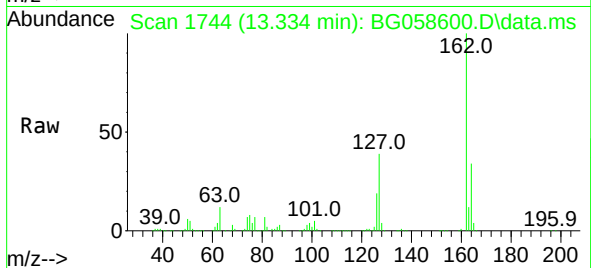
Tgt Ion:154 Resp: 520059  
Ion Ratio Lower Upper  
154 100  
153 41.4 21.2 61.2  
76 14.2 0.0 34.7





#47  
2-Chloronaphthalene  
Concen: 50.542 ng  
RT: 13.334 min Scan# 1744  
Delta R.T. 0.000 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47

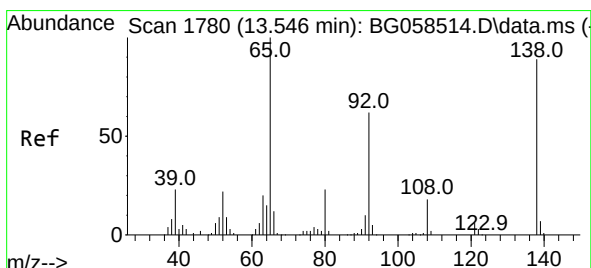
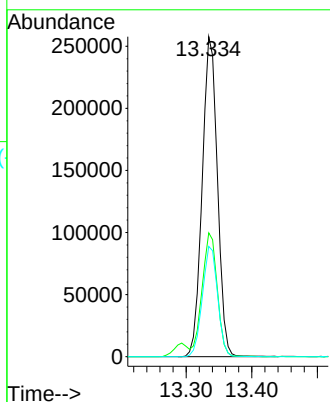
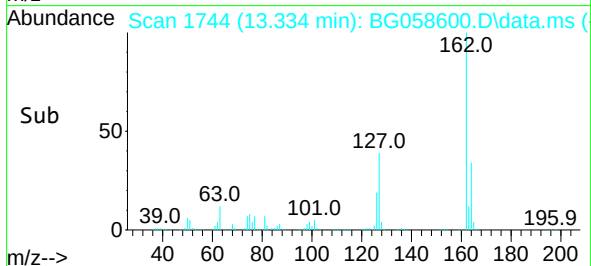
Instrument :  
BNA\_G  
ClientSampleId :  
B-P24BMSD



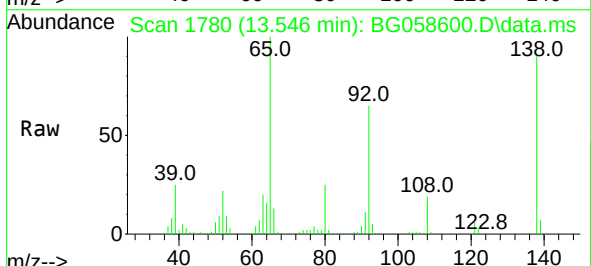
Tgt Ion:162 Resp: 417298  
Ion Ratio Lower Upper  
162 100  
127 38.7 30.9 46.3  
164 34.4 27.2 40.8

Manual Integrations  
APPROVED

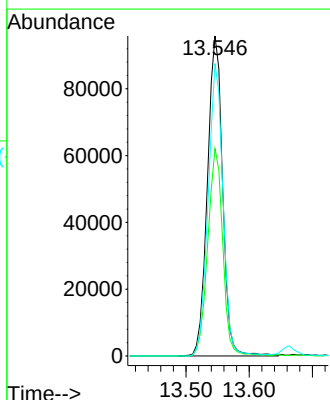
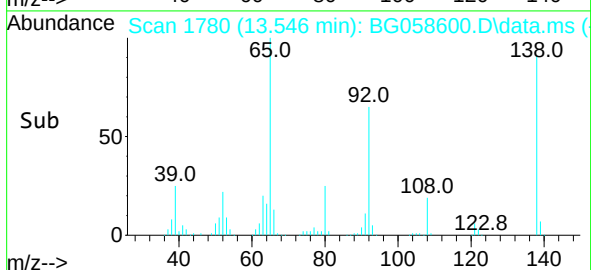
Reviewed By :Yogesh Patel 08/04/2023  
Supervised By :mohammad ahmed 08/04/2023

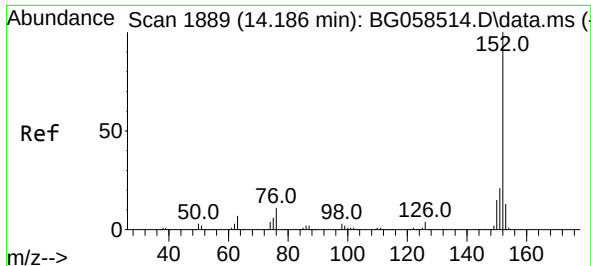


#48  
2-Nitroaniline  
Concen: 50.676 ng  
RT: 13.546 min Scan# 1780  
Delta R.T. 0.000 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47



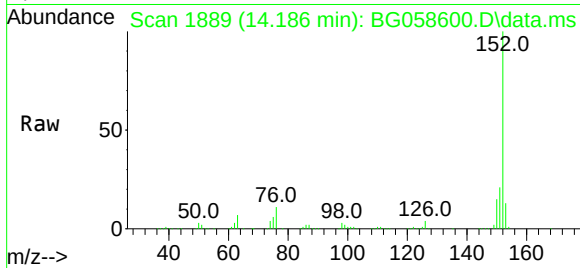
Tgt Ion: 65 Resp: 159700  
Ion Ratio Lower Upper  
65 100  
92 64.8 49.2 73.8  
138 91.4 71.5 107.3





#49  
Acenaphthylene  
Concen: 49.504 ng  
RT: 14.186 min Scan# 1889  
Delta R.T. 0.000 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47

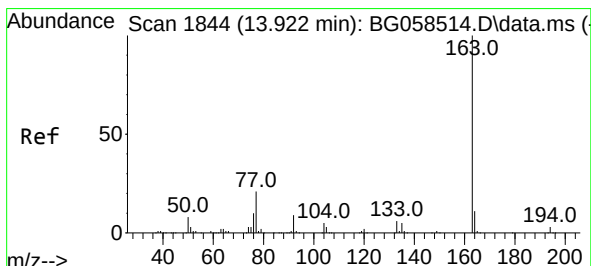
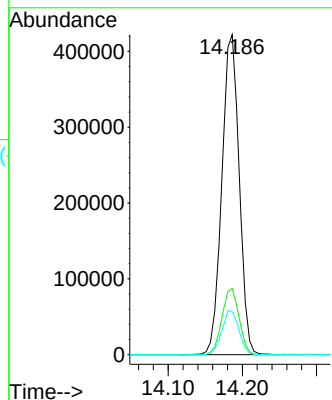
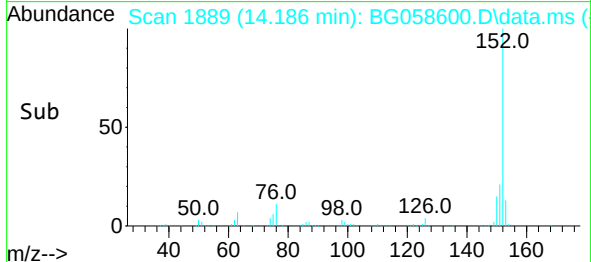
Instrument :  
BNA\_G  
ClientSampleId :  
B-P24BMSD



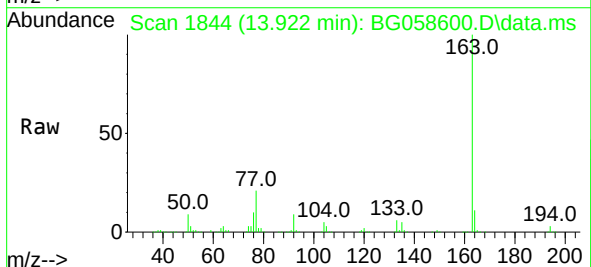
Tgt Ion:152 Resp: 684302  
Ion Ratio Lower Upper  
152 100  
151 20.7 16.5 24.7  
153 13.4 10.7 16.1

Manual Integrations  
APPROVED

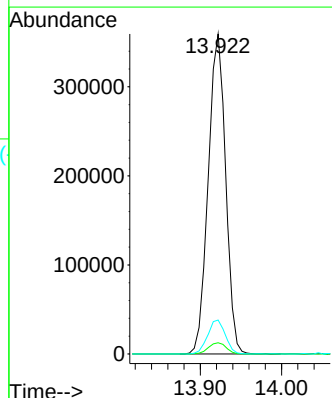
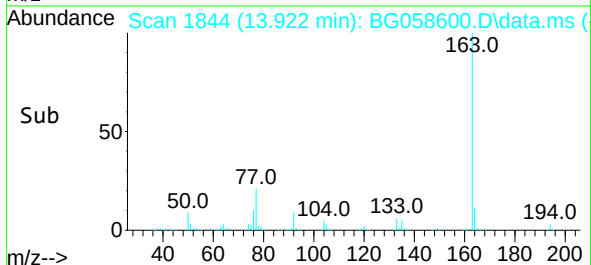
Reviewed By :Yogesh Patel 08/04/2023  
Supervised By :mohammad ahmed 08/04/2023

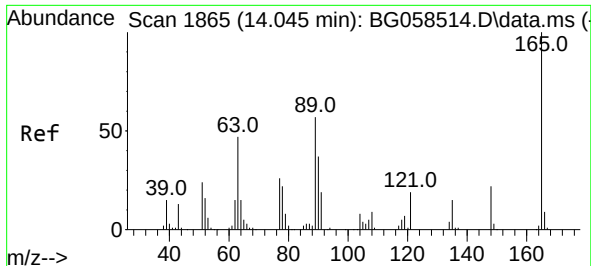


#50  
Dimethylphthalate  
Concen: 46.120 ng  
RT: 13.922 min Scan# 1844  
Delta R.T. 0.000 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47



Tgt Ion:163 Resp: 534081  
Ion Ratio Lower Upper  
163 100  
194 3.5 2.7 4.1  
164 10.6 8.6 12.8





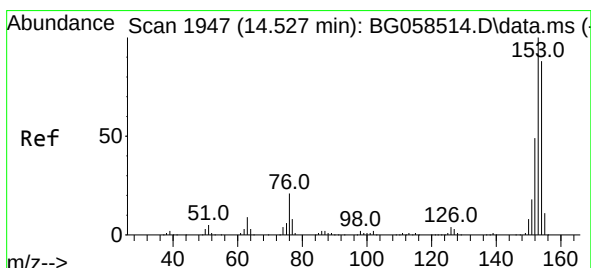
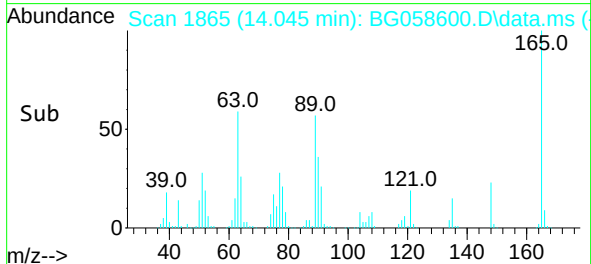
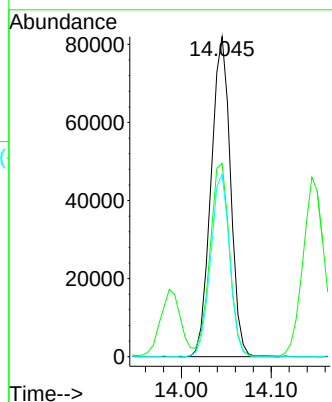
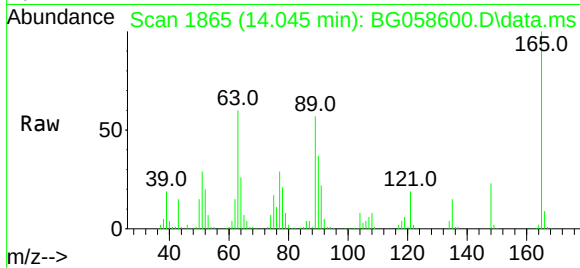
#51  
2,6-Dinitrotoluene  
Concen: 48.396 ng  
RT: 14.045 min Scan# 1865  
Delta R.T. 0.000 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47

Instrument :  
BNA\_G  
ClientSampleId :  
B-P24BMDS

Tgt Ion:165 Resp: 122969  
Ion Ratio Lower Upper  
165 100  
63 60.4 46.4 69.6  
89 57.0 45.3 67.9

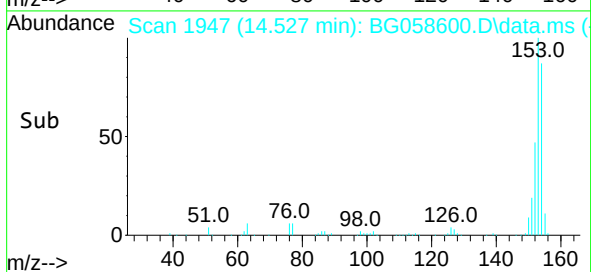
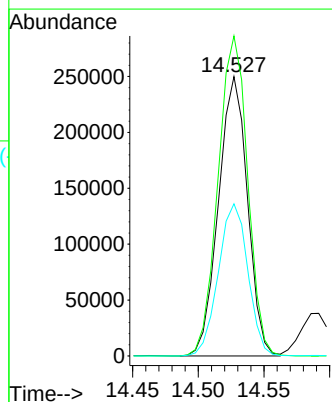
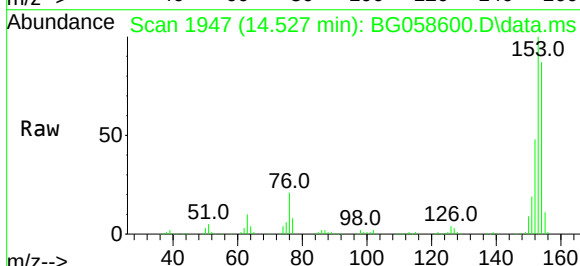
Manual Integrations  
APPROVED

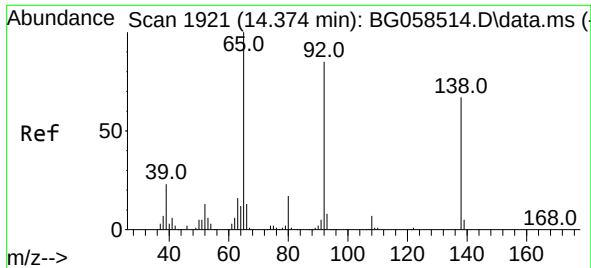
Reviewed By :Yogesh Patel 08/04/2023  
Supervised By :mohammad ahmed 08/04/2023



#52  
Acenaphthene  
Concen: 48.033 ng  
RT: 14.527 min Scan# 1947  
Delta R.T. 0.000 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47

Tgt Ion:154 Resp: 383656  
Ion Ratio Lower Upper  
154 100  
153 114.5 91.1 136.7  
152 54.4 44.6 66.8





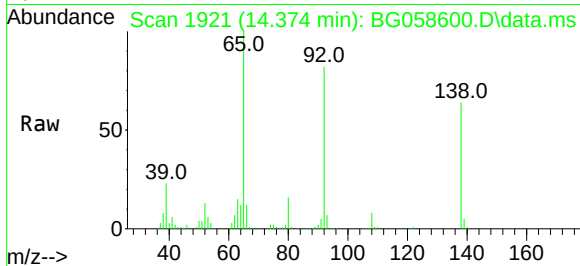
#53  
3-Nitroaniline  
Concen: 33.810 ng  
RT: 14.374 min Scan# 1921  
Delta R.T. 0.000 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47

Instrument :

BNA\_G

ClientSampleId :

B-P24BMDS

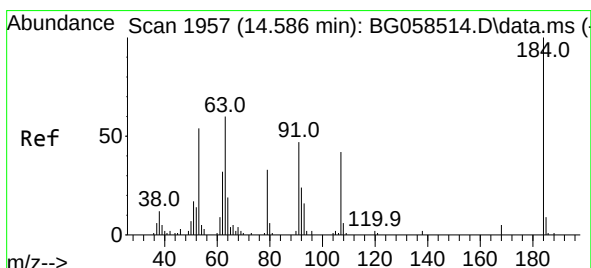
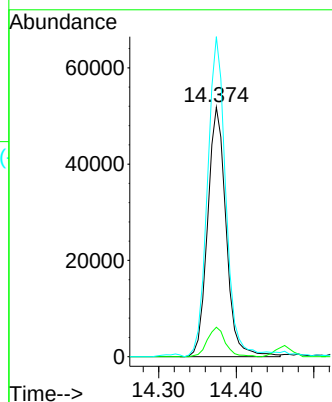
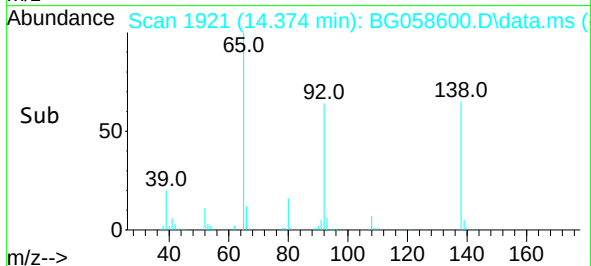


Tgt Ion:138 Resp: 85950  
Ion Ratio Lower Upper  
138 100  
108 11.8 8.3 12.5  
92 128.2 101.1 151.7

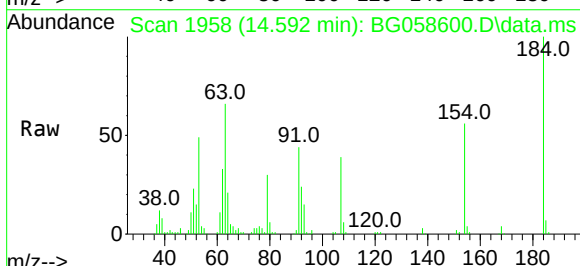
Manual Integrations

APPROVED

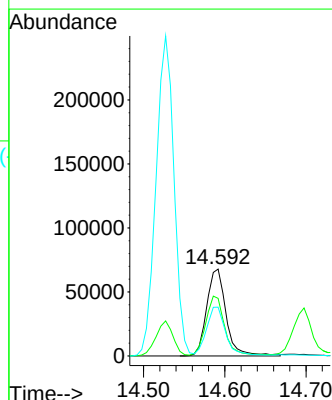
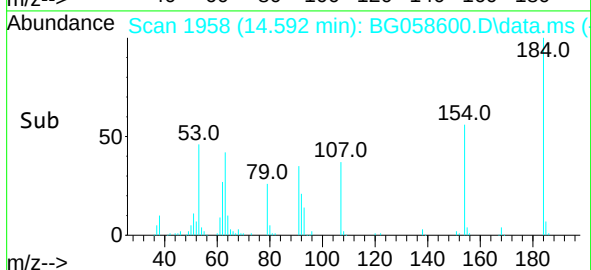
Reviewed By :Yogesh Patel 08/04/2023  
Supervised By :mohammad ahmed 08/04/2023

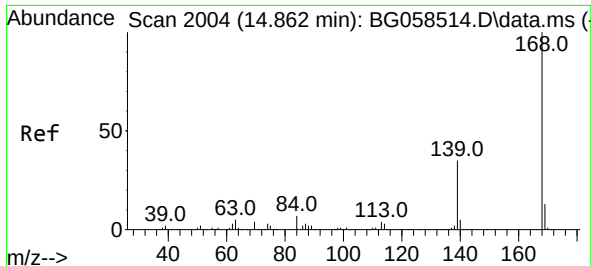


#54  
2,4-Dinitrophenol  
Concen: 78.670 ng  
RT: 14.592 min Scan# 1958  
Delta R.T. 0.006 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47



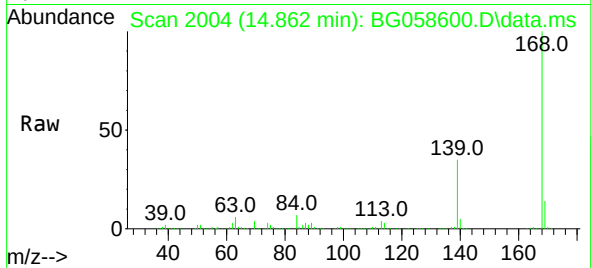
Tgt Ion:184 Resp: 112487  
Ion Ratio Lower Upper  
184 100  
63 66.4 56.7 85.1  
154 56.2 46.1 69.1





#55  
Dibenzenofuran  
Concen: 47.703 ng  
RT: 14.862 min Scan# 2004  
Delta R.T. 0.000 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47

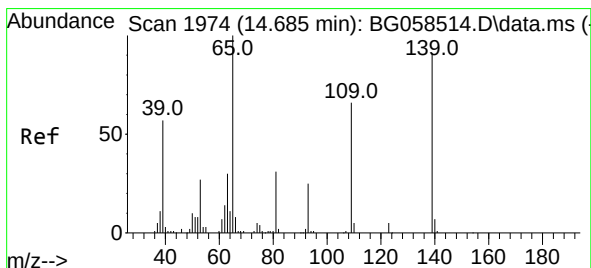
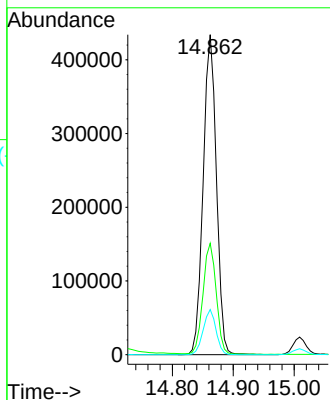
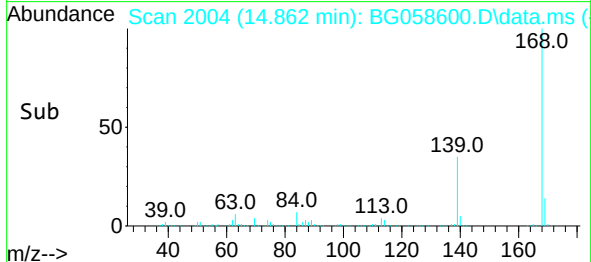
Instrument :  
BNA\_G  
ClientSampleId :  
B-P24BMDS



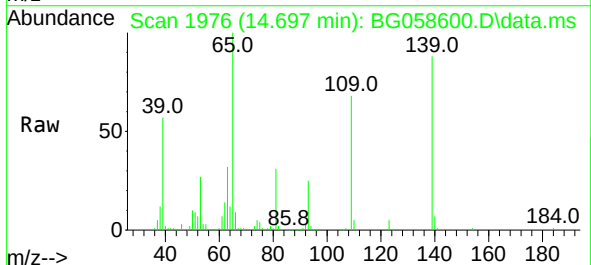
Tgt Ion:168 Resp: 65471  
Ion Ratio Lower Upper  
168 100  
139 34.8 27.8 41.8  
169 14.1 10.6 16.0

Manual Integrations  
APPROVED

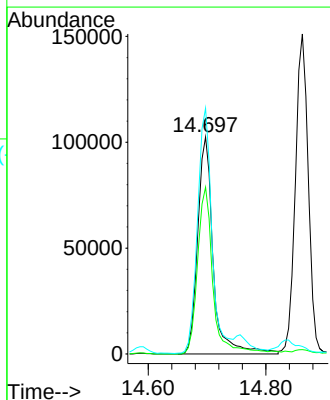
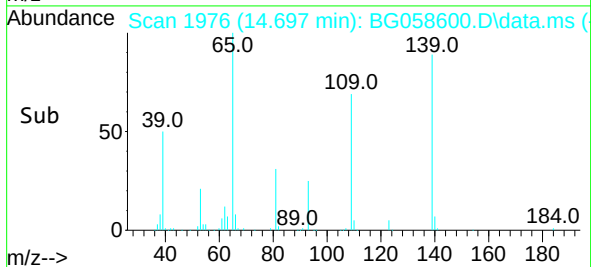
Reviewed By :Yogesh Patel 08/04/2023  
Supervised By :mohammad ahmed 08/04/2023

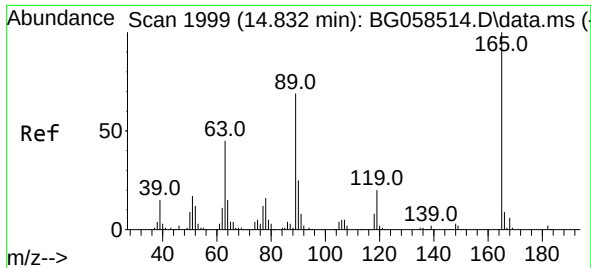


#56  
4-Nitrophenol  
Concen: 99.146 ng  
RT: 14.697 min Scan# 1976  
Delta R.T. 0.012 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47



Tgt Ion:139 Resp: 188327  
Ion Ratio Lower Upper  
139 100  
109 76.9 52.5 92.5  
65 113.3 90.5 130.5





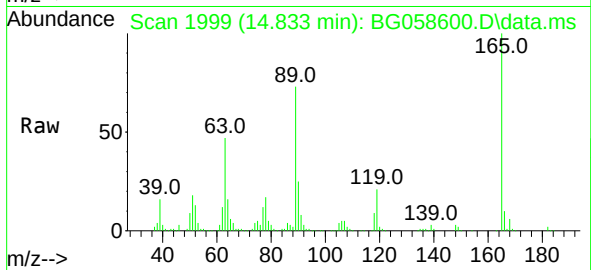
#57  
2,4-Dinitrotoluene  
Concen: 49.671 ng  
RT: 14.833 min Scan# 1999  
Delta R.T. 0.001 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47

Instrument :

BNA\_G

ClientSampleId :

B-P24BMSD

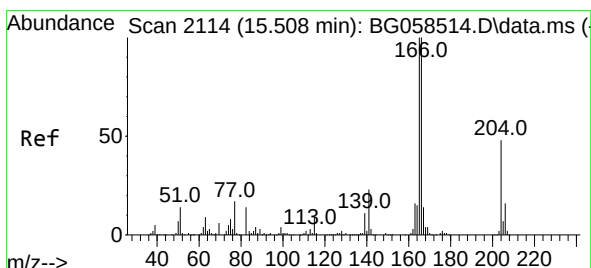
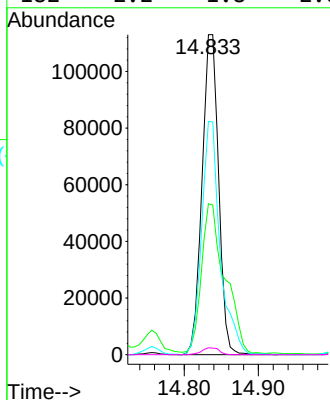
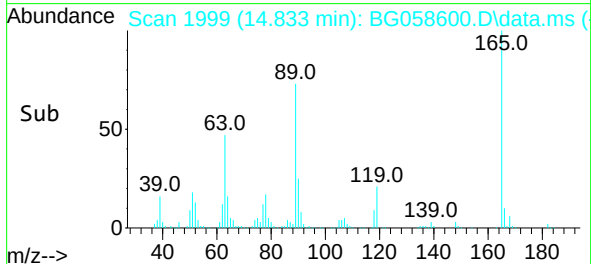


Tgt Ion:165 Resp: 174972  
Ion Ratio Lower Upper  
165 100  
63 47.2 36.6 54.8  
89 72.9 55.4 83.0  
182 2.2 1.8 2.6

Manual Integrations

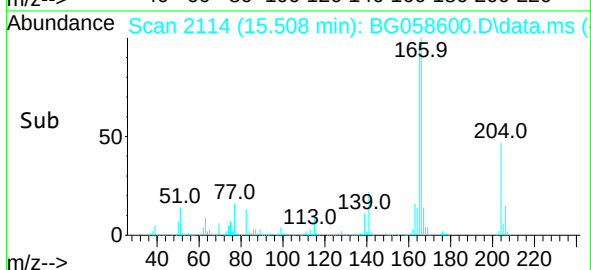
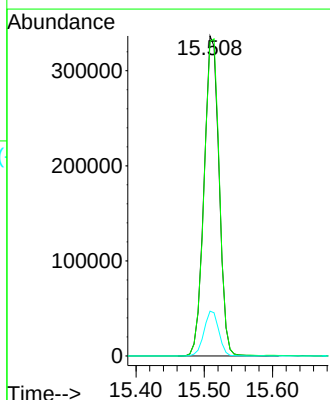
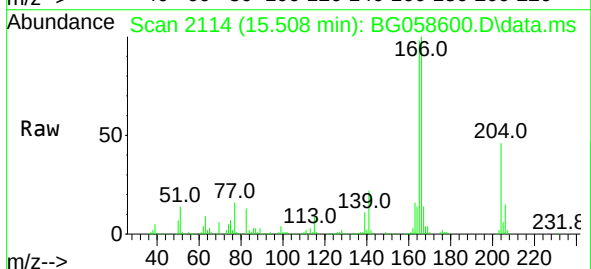
APPROVED

Reviewed By :Yogesh Patel 08/04/2023  
Supervised By :mohammad ahmed 08/04/2023

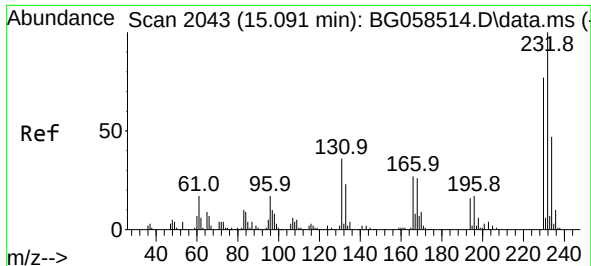


#58  
Fluorene  
Concen: 47.133 ng  
RT: 15.508 min Scan# 2114  
Delta R.T. 0.000 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47

Tgt Ion:166 Resp: 513893  
Ion Ratio Lower Upper  
166 100  
165 98.2 80.0 120.0  
167 14.0 11.3 16.9

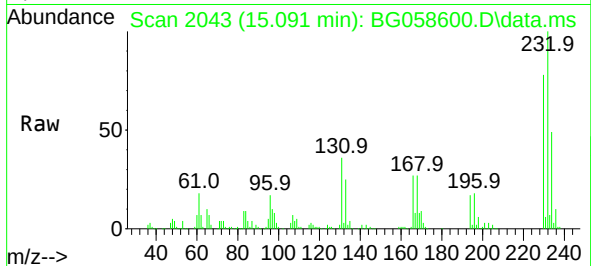






#59  
2,3,4,6-Tetrachlorophenol  
Concen: 50.609 ng  
RT: 15.091 min Scan# 2043  
Delta R.T. 0.000 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47

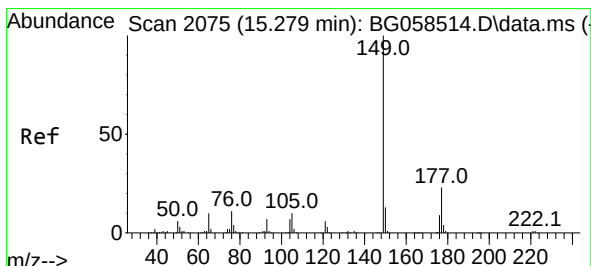
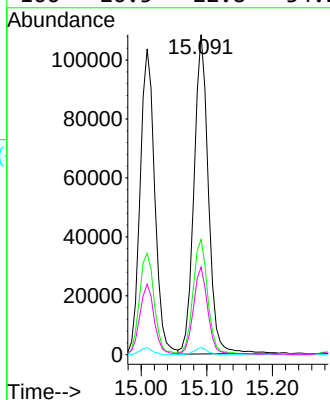
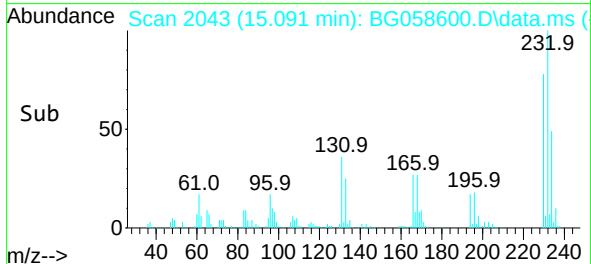
Instrument :  
BNA\_G  
ClientSampleId :  
B-P24BMSD



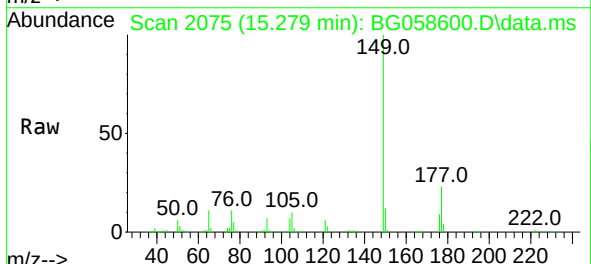
Tgt Ion:232 Resp: 16562  
Ion Ratio Lower Upper  
232 100  
131 36.2 30.0 45.0  
130 2.0 1.5 2.3  
166 26.5 22.8 34.2

Manual Integrations  
APPROVED

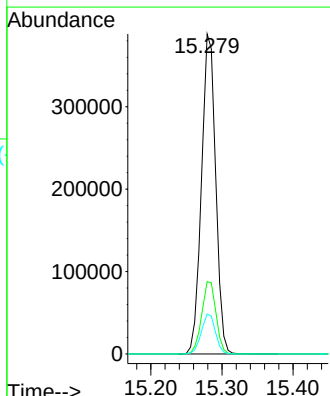
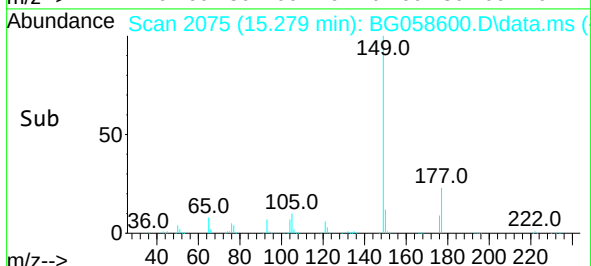
Reviewed By :Yogesh Patel 08/04/2023  
Supervised By :mohammad ahmed 08/04/2023

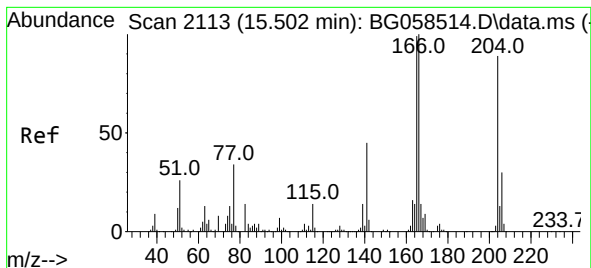


#60  
Diethylphthalate  
Concen: 45.777 ng  
RT: 15.279 min Scan# 2075  
Delta R.T. 0.000 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47



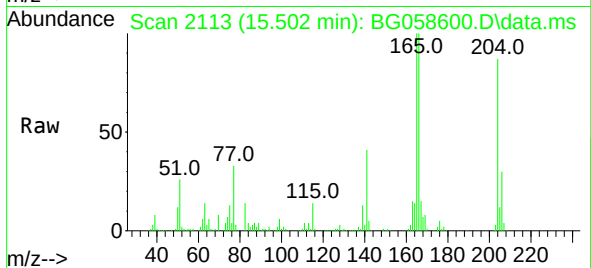
Tgt Ion:149 Resp: 540047  
Ion Ratio Lower Upper  
149 100  
177 22.6 18.2 27.4  
150 12.5 10.2 15.4





#61  
4-Chlorophenyl-phenylether  
Concen: 47.207 ng  
RT: 15.502 min Scan# 2113  
Delta R.T. 0.000 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47

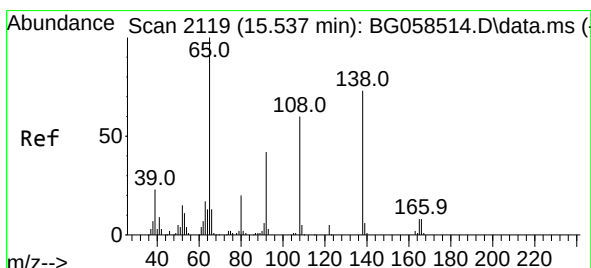
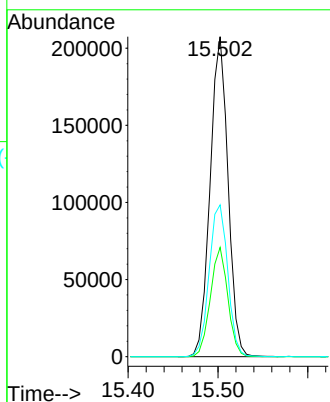
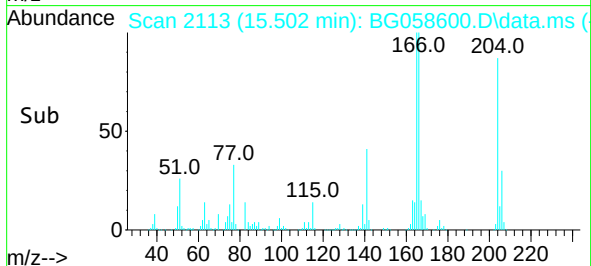
Instrument :  
BNA\_G  
ClientSampleId :  
B-P24BMSD



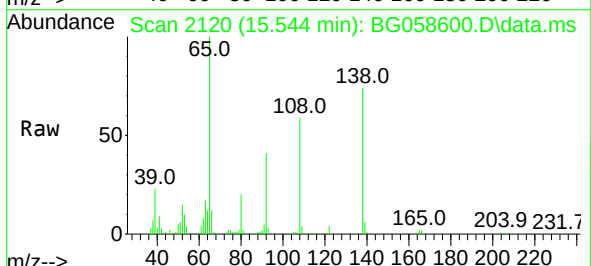
Tgt Ion:204 Resp: 286949  
Ion Ratio Lower Upper  
204 100  
206 34.2 27.0 40.4  
141 47.4 40.8 61.2

Manual Integrations  
APPROVED

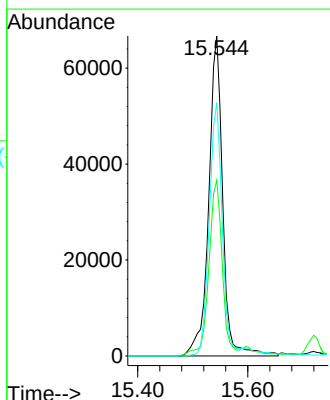
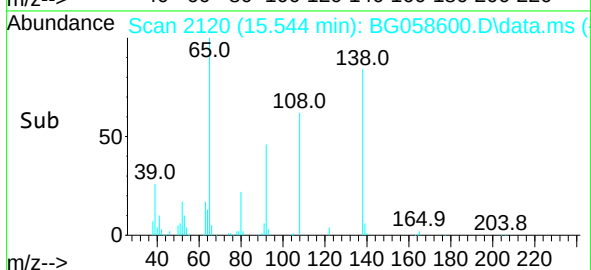
Reviewed By :Yogesh Patel 08/04/2023  
Supervised By :mohammad ahmed 08/04/2023

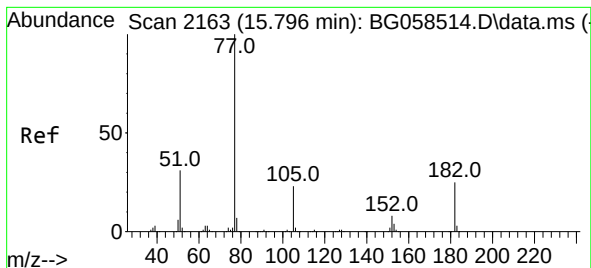


#62  
4-Nitroaniline  
Concen: 49.049 ng  
RT: 15.544 min Scan# 2120  
Delta R.T. 0.006 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47



Tgt Ion:138 Resp: 118118  
Ion Ratio Lower Upper  
138 100  
92 54.9 37.3 77.3  
108 79.2 62.6 102.6





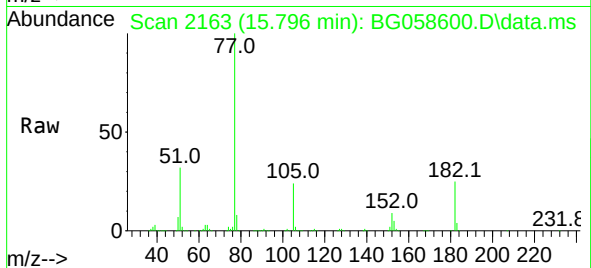
#63  
Azobenzene  
Concen: 46.947 ng  
RT: 15.796 min Scan# 2163  
Delta R.T. 0.000 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47

Instrument :

BNA\_G

ClientSampleId :

B-P24BMSD

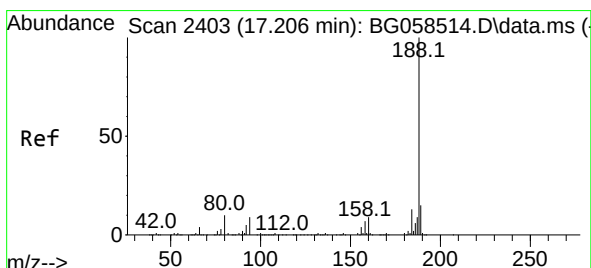
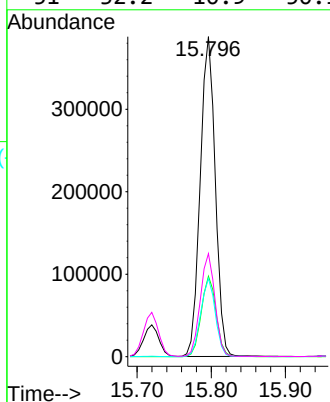
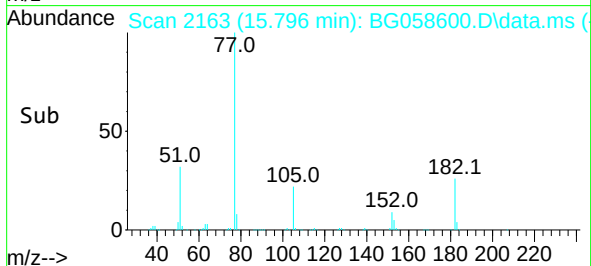


Tgt Ion: 77 Resp: 54552  
Ion Ratio Lower Upper  
77 100  
182 25.1 4.6 44.6  
105 24.5 3.3 43.3  
51 32.2 10.9 50.9

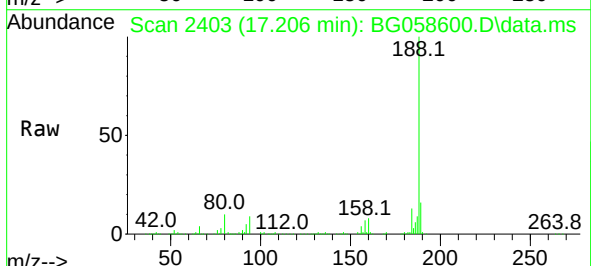
Manual Integrations

APPROVED

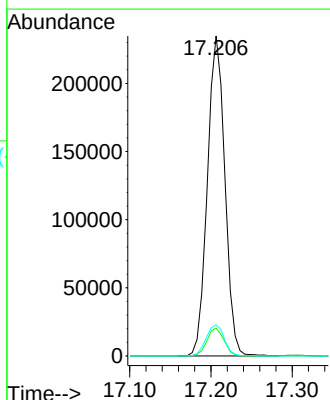
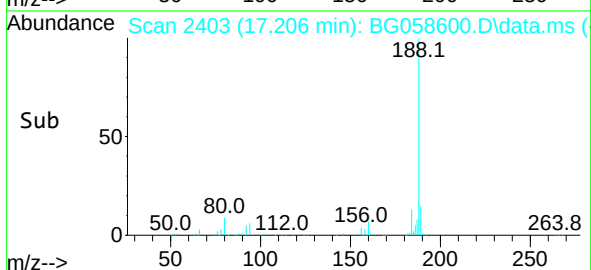
Reviewed By :Yogesh Patel 08/04/2023  
Supervised By :mohammad ahmed 08/04/2023

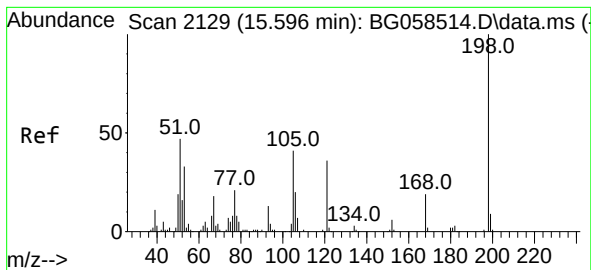


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.206 min Scan# 2403  
Delta R.T. 0.000 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47



Tgt Ion:188 Resp: 350772  
Ion Ratio Lower Upper  
188 100  
94 8.8 7.0 10.6  
80 9.7 8.1 12.1





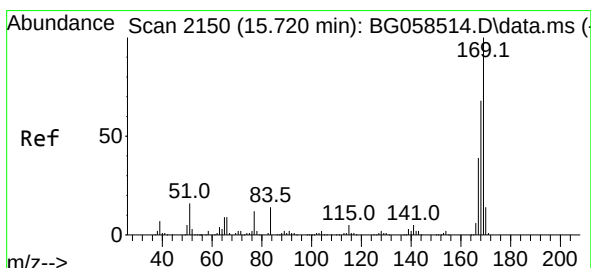
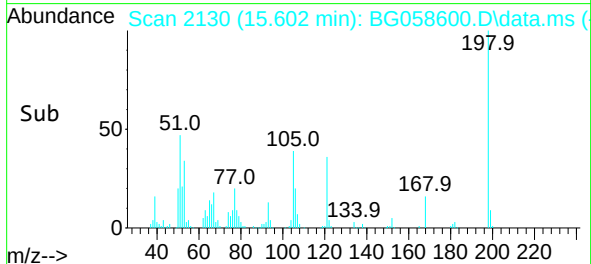
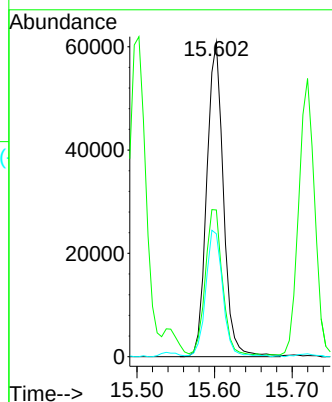
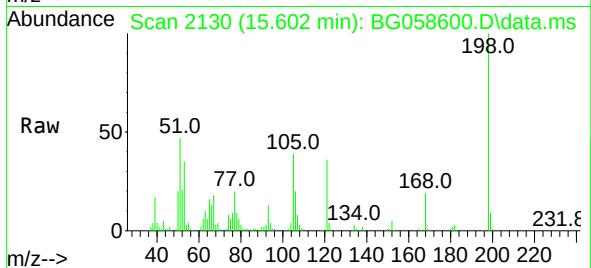
#65  
4,6-Dinitro-2-methylphenol  
Concen: 47.014 ng  
RT: 15.602 min Scan# 2129  
Delta R.T. 0.006 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47

Instrument :  
BNA\_G  
ClientSampleId :  
B-P24BMSD

Tgt Ion:198 Resp: 90930  
Ion Ratio Lower Upper  
198 100  
51 46.7 29.3 69.3  
105 39.1 21.0 61.0

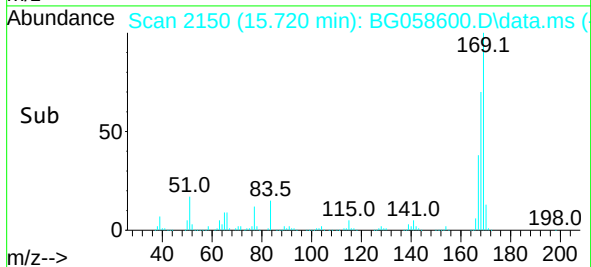
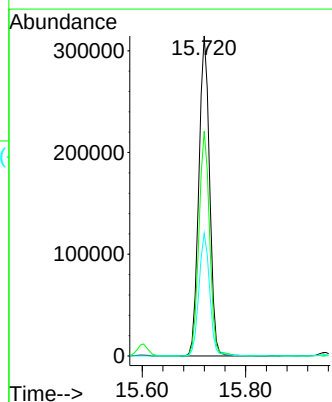
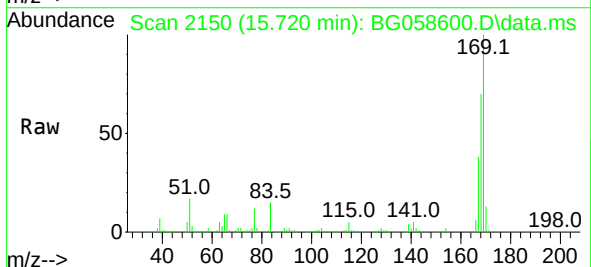
Manual Integrations  
APPROVED

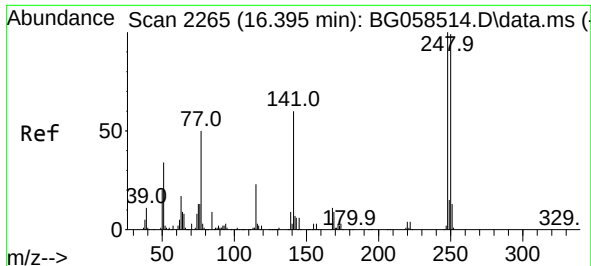
Reviewed By :Yogesh Patel 08/04/2023  
Supervised By :mohammad ahmed 08/04/2023



#66  
n-Nitrosodiphenylamine  
Concen: 49.907 ng  
RT: 15.720 min Scan# 2150  
Delta R.T. 0.000 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47

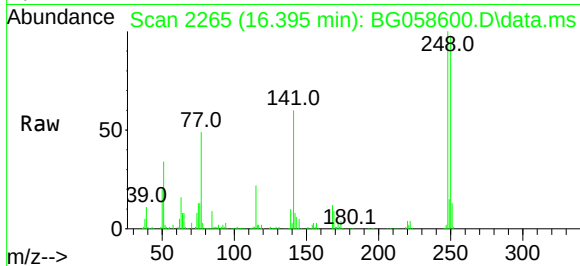
Tgt Ion:169 Resp: 455636  
Ion Ratio Lower Upper  
169 100  
168 70.2 54.6 82.0  
167 38.4 31.3 46.9





#67  
4-Bromophenyl-phenylether  
Concen: 49.605 ng  
RT: 16.395 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47

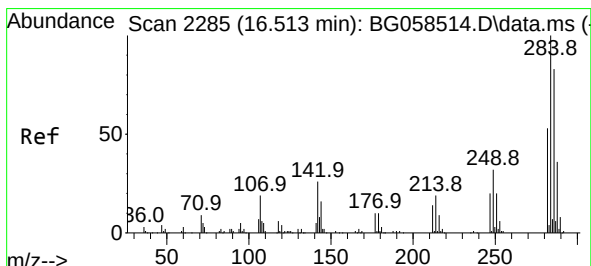
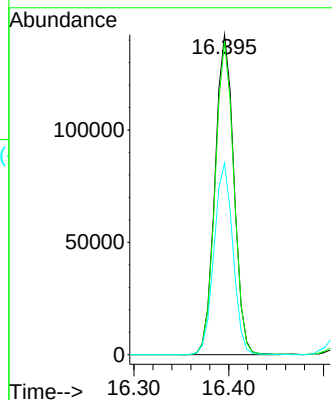
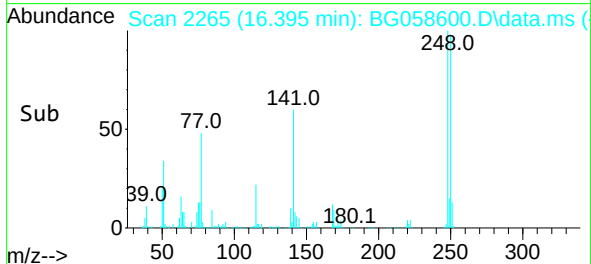
Instrument :  
BNA\_G  
ClientSampleId :  
B-P24BMSD



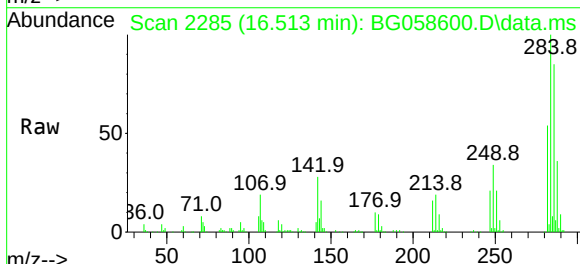
Tgt Ion:248 Resp: 197352  
Ion Ratio Lower Upper  
248 100  
250 97.8 79.5 119.3  
141 59.9 48.2 72.2

Manual Integrations  
APPROVED

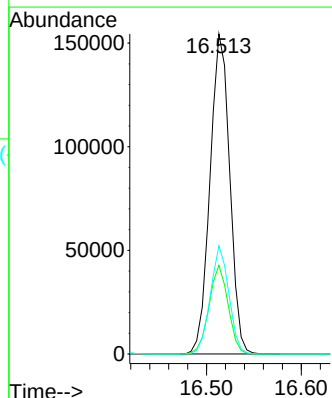
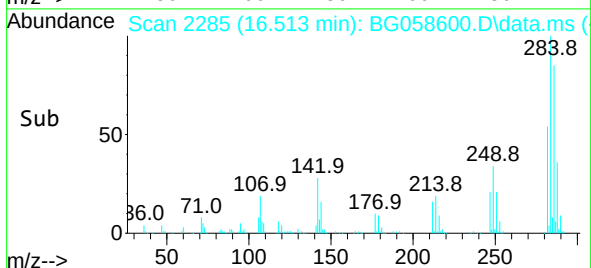
Reviewed By :Yogesh Patel 08/04/2023  
Supervised By :mohammad ahmed 08/04/2023

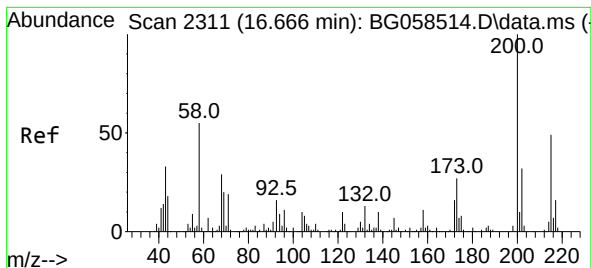


#68  
Hexachlorobenzene  
Concen: 52.883 ng  
RT: 16.513 min Scan# 2285  
Delta R.T. 0.000 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47



Tgt Ion:284 Resp: 222948  
Ion Ratio Lower Upper  
284 100  
142 27.7 21.0 31.4  
249 33.8 25.5 38.3





#69

Atrazine

Concen: 59.418 ng

RT: 16.672 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG058600.D

Acq: 3 Aug 2023 19:47

Instrument :

BNA\_G

ClientSampleId :

B-P24BMSD

Tgt Ion:200 Resp: 18312

Ion Ratio Lower Upper

200 100

173 25.9 6.5 46.5

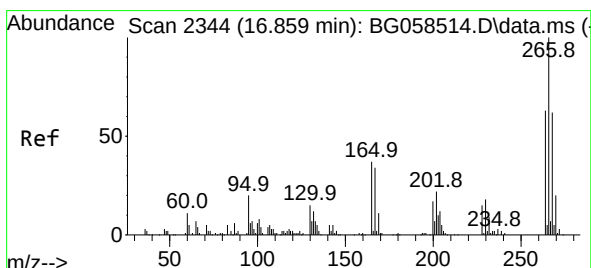
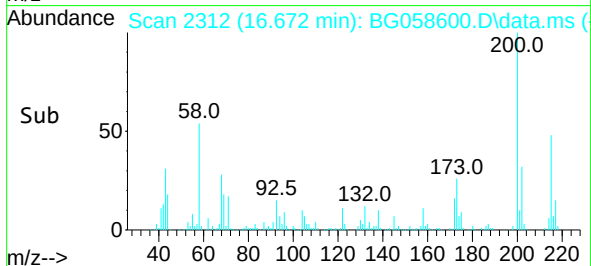
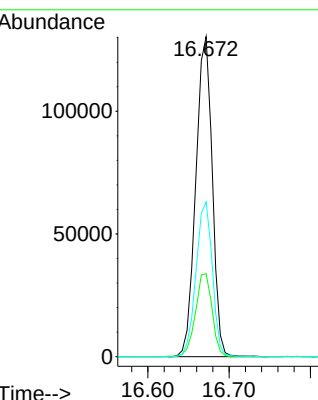
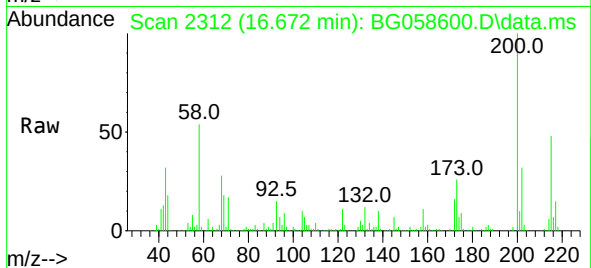
215 48.4 28.9 68.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/04/2023

Supervised By :mohammad ahmed 08/04/2023



#70

Pentachlorophenol

Concen: 86.752 ng

RT: 16.866 min Scan# 2345

Delta R.T. 0.007 min

Lab File: BG058600.D

Acq: 3 Aug 2023 19:47

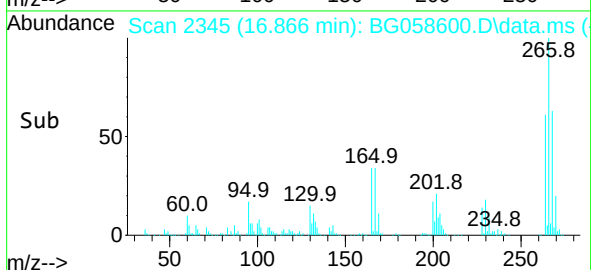
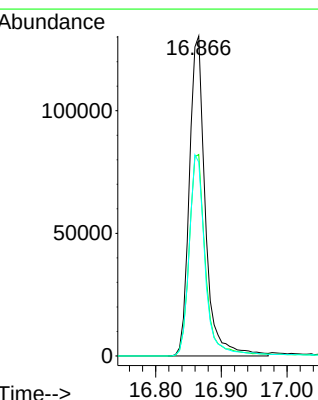
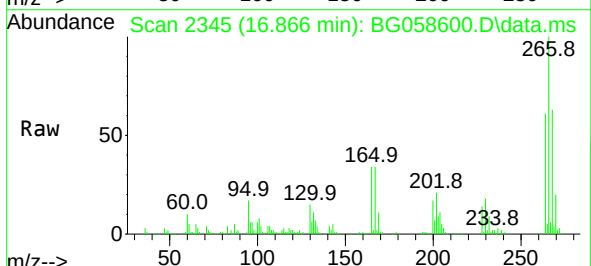
Tgt Ion:266 Resp: 221371

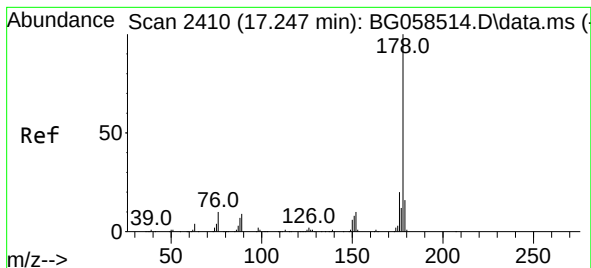
Ion Ratio Lower Upper

266 100

268 62.9 49.9 74.9

264 60.5 50.2 75.4





#71

Phenanthrene

Concen: 48.909 ng

RT: 17.247 min Scan# 2410

Delta R.T. 0.000 min

Lab File: BG058600.D

Acq: 3 Aug 2023 19:47

Instrument :

BNA\_G

ClientSampleId :

B-P24BMSD

Tgt Ion:178 Resp: 813610

Ion Ratio Lower Upper

178 100

176 20.0 16.3 24.5

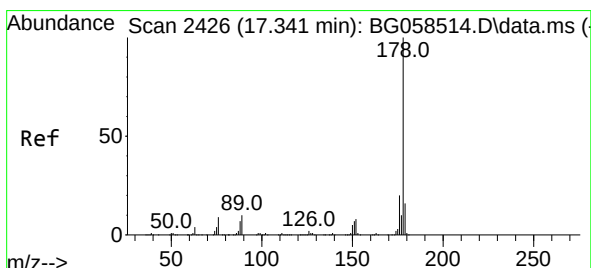
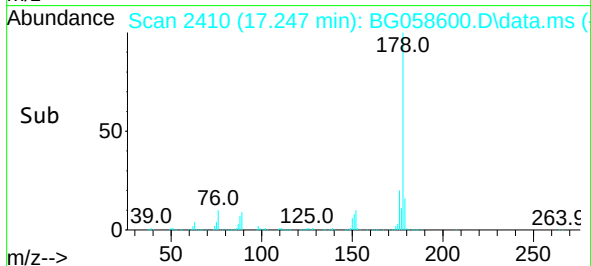
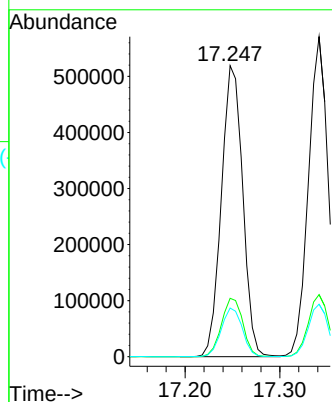
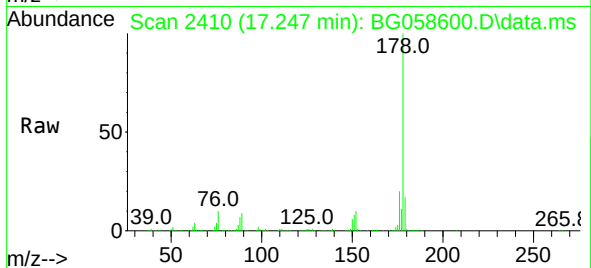
179 16.7 13.1 19.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/04/2023

Supervised By :mohammad ahmed 08/04/2023



#72

Anthracene

Concen: 48.658 ng

RT: 17.341 min Scan# 2426

Delta R.T. 0.000 min

Lab File: BG058600.D

Acq: 3 Aug 2023 19:47

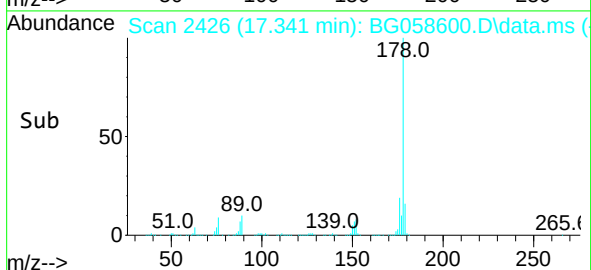
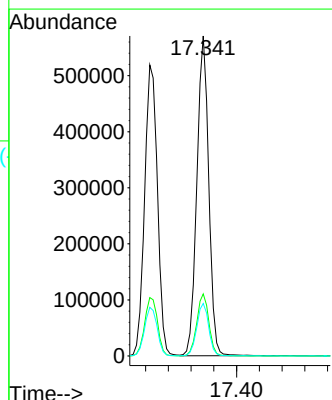
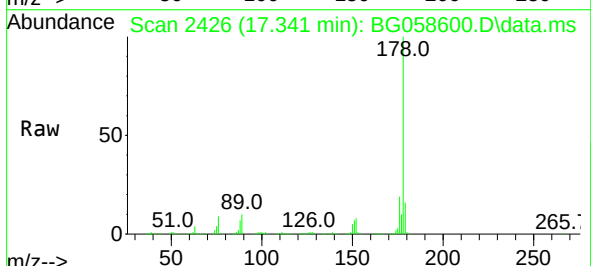
Tgt Ion:178 Resp: 830541

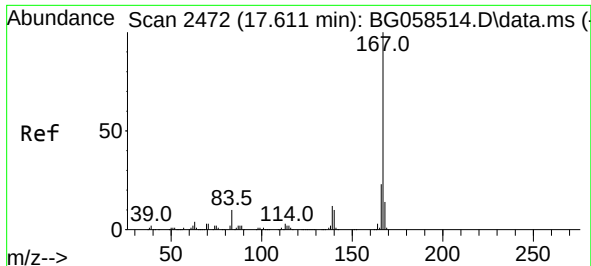
Ion Ratio Lower Upper

178 100

176 19.4 16.0 24.0

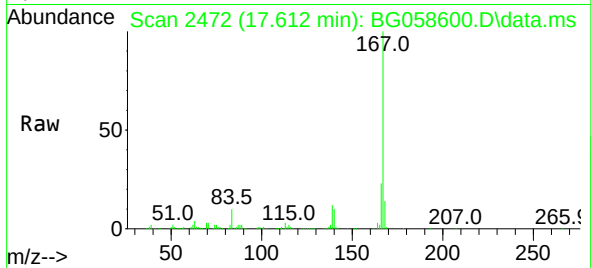
179 16.4 12.9 19.3





#73  
 Carbazole  
 Concen: 51.462 ng  
 RT: 17.612 min Scan# 2472  
 Delta R.T. 0.000 min  
 Lab File: BG058600.D  
 Acq: 3 Aug 2023 19:47

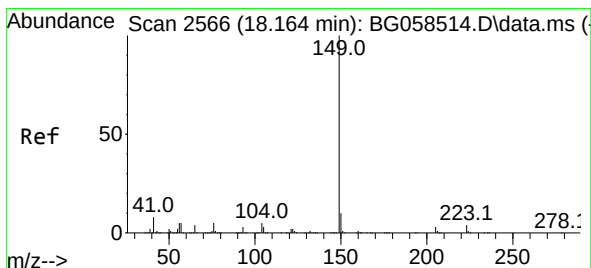
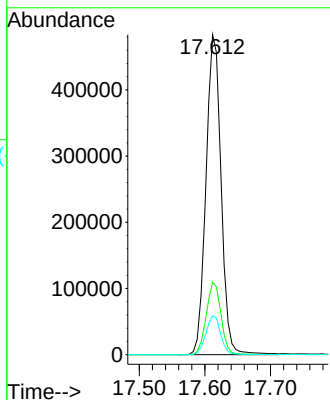
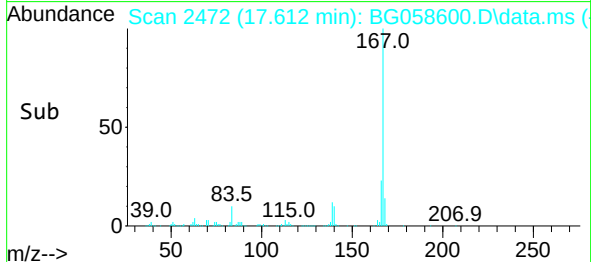
Instrument :  
 BNA\_G  
 ClientSampleId :  
 B-P24BMSD



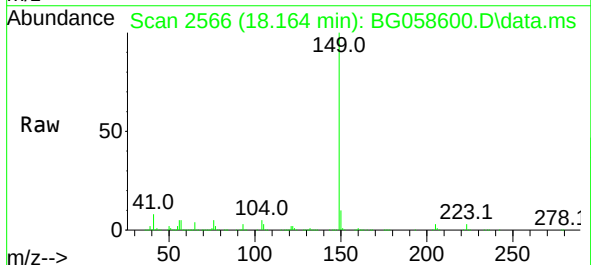
Tgt Ion:167 Resp: 774598  
 Ion Ratio Lower Upper  
 167 100  
 166 22.7 18.4 27.6  
 139 12.2 10.0 15.0

Manual Integrations  
 APPROVED

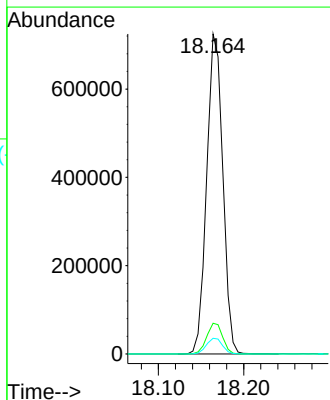
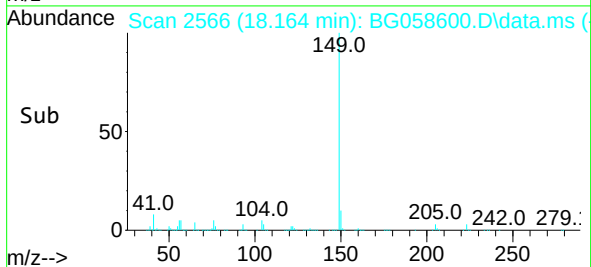
Reviewed By :Yogesh Patel 08/04/2023  
 Supervised By :mohammad ahmed 08/04/2023



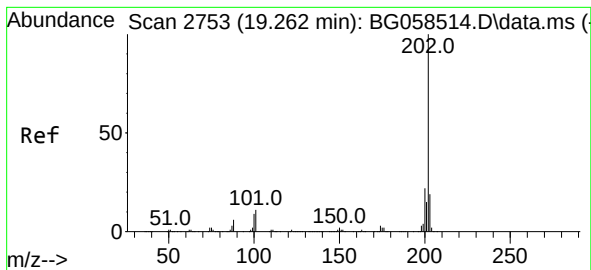
#74  
 Di-n-butylphthalate  
 Concen: 50.409 ng  
 RT: 18.164 min Scan# 2566  
 Delta R.T. 0.000 min  
 Lab File: BG058600.D  
 Acq: 3 Aug 2023 19:47



Tgt Ion:149 Resp: 950380  
 Ion Ratio Lower Upper  
 149 100  
 150 9.6 7.8 11.6  
 104 4.9 4.0 6.0







#75

Fluoranthene

Concen: 49.163 ng

RT: 19.263 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG058600.D

Acq: 3 Aug 2023 19:47

Instrument :

BNA\_G

ClientSampleId :

B-P24BMSD

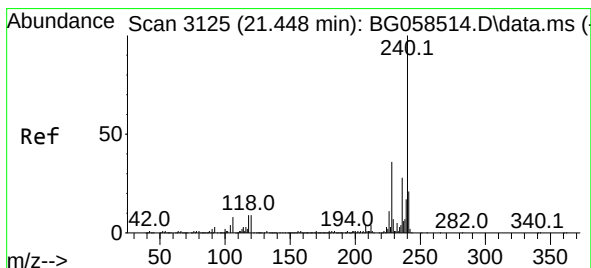
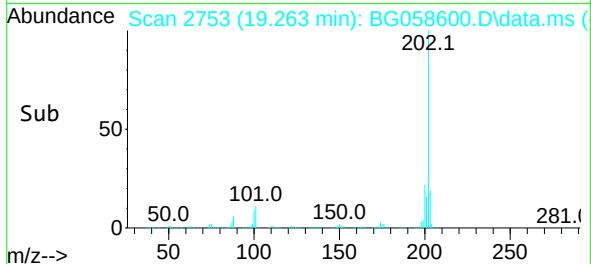
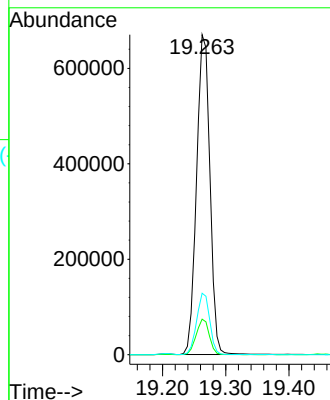
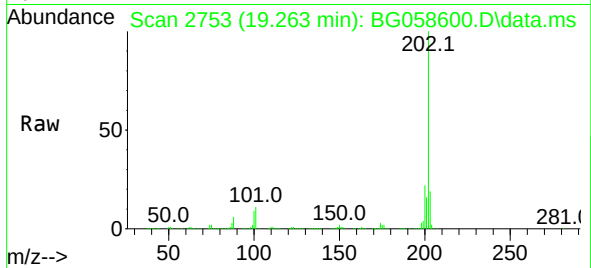
Tgt Ion:202 Resp: 982385  
 Ion Ratio Lower Upper  
 202 100  
 101 11.1 0.0 31.4  
 203 19.2 0.0 39.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/04/2023

Supervised By :mohammad ahmed 08/04/2023



#76

Chrysene-d12

Concen: 20.000 ng

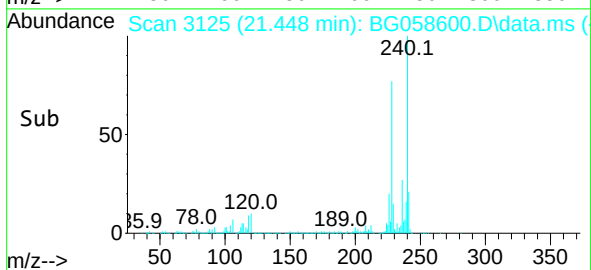
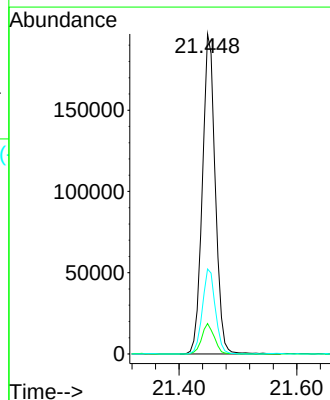
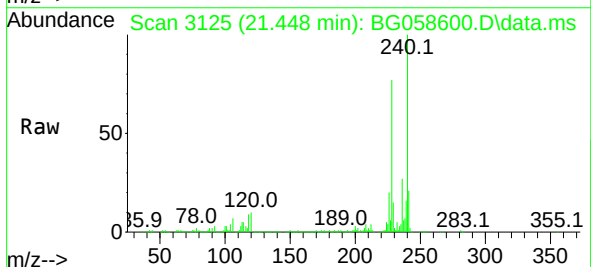
RT: 21.448 min Scan# 3125

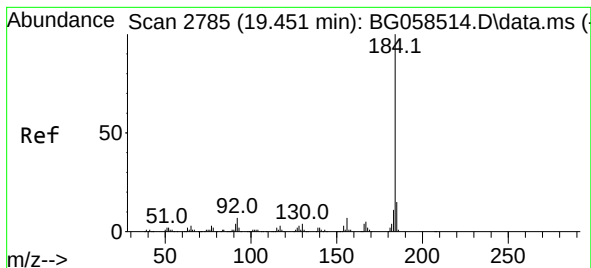
Delta R.T. 0.000 min

Lab File: BG058600.D

Acq: 3 Aug 2023 19:47

Tgt Ion:240 Resp: 299549  
 Ion Ratio Lower Upper  
 240 100  
 120 9.5 7.4 11.0  
 236 26.6 22.2 33.4





#77

Benzidine

Concen: 72.755 ng

RT: 19.451 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG058600.D

Acq: 3 Aug 2023 19:47

Instrument :

BNA\_G

ClientSampleId :

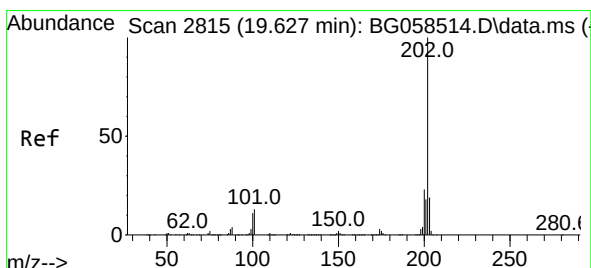
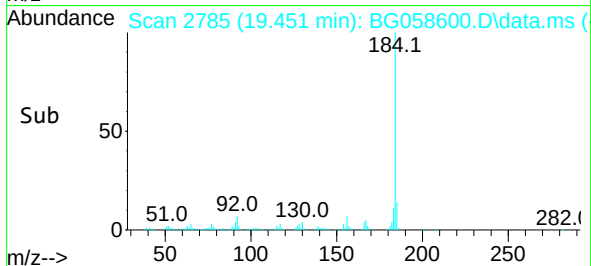
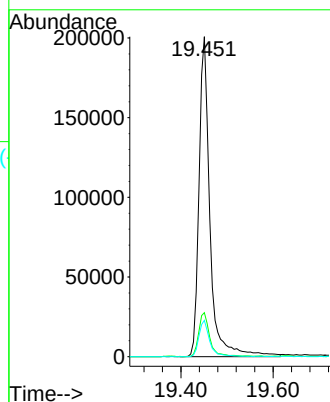
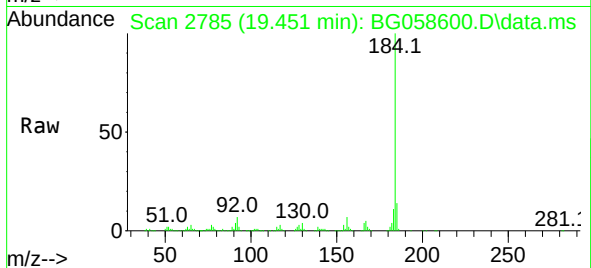
B-P24BMSD

Tgt Ion:184 Resp: 330479  
 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 08/04/2023  
 Supervised By :mohammad ahmed 08/04/2023



#78

Pyrene

Concen: 49.593 ng

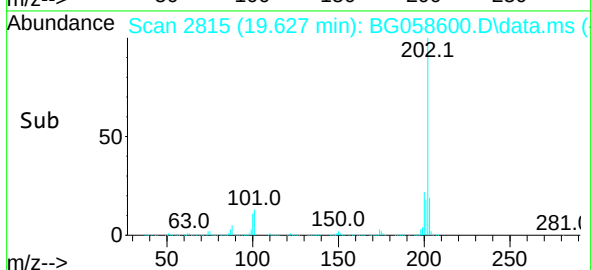
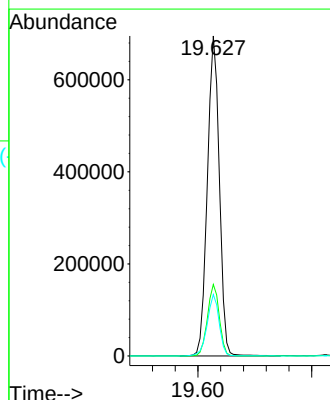
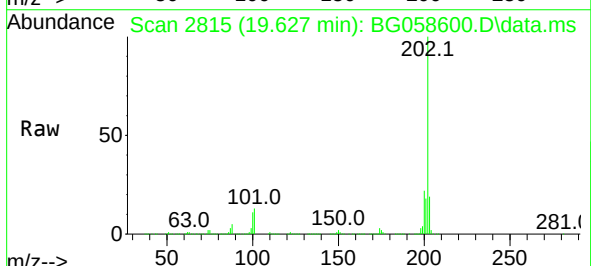
RT: 19.627 min Scan# 2815

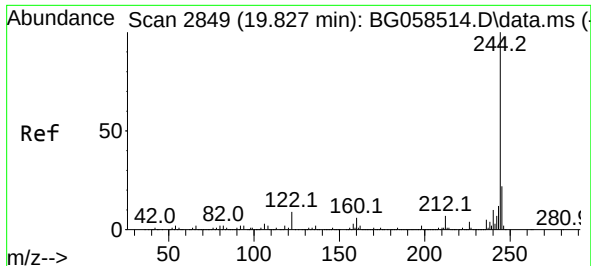
Delta R.T. 0.000 min

Lab File: BG058600.D

Acq: 3 Aug 2023 19:47

Tgt Ion:202 Resp: 1011012  
 Ion Ratio Lower Upper  
 202 100  
 200 22.3 18.2 27.2  
 203 19.2 15.1 22.7





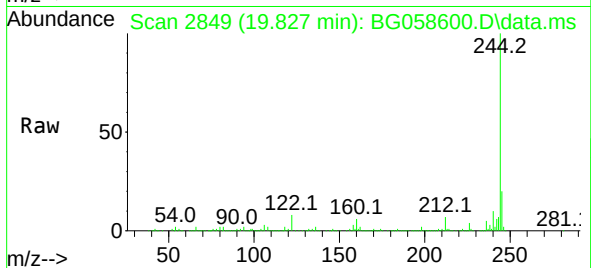
#79  
 Terphenyl-d14  
 Concen: 53.021 ng  
 RT: 19.827 min Scan# 2849  
 Delta R.T. 0.000 min  
 Lab File: BG058600.D  
 Acq: 3 Aug 2023 19:47

Instrument :

BNA\_G

ClientSampleId :

B-P24BMSD



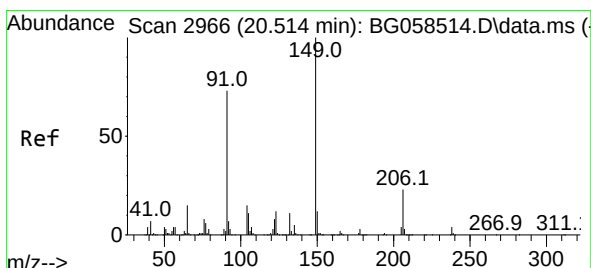
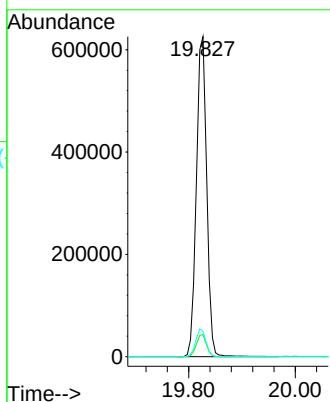
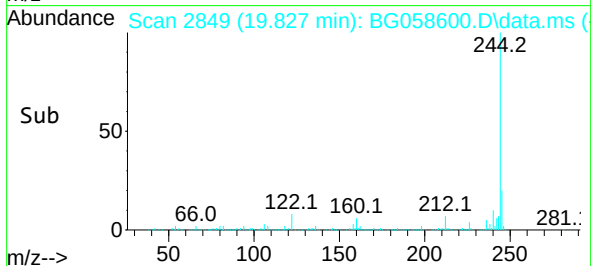
Tgt Ion:244 Resp: 844570  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.9 8.9  
 122 7.9 6.8 10.2

Manual Integrations

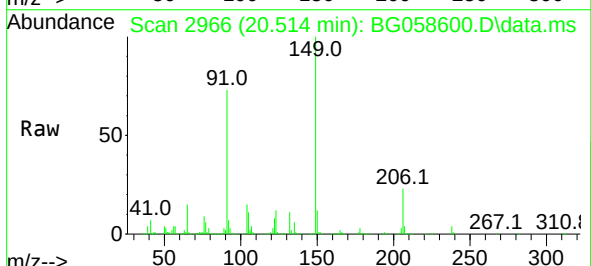
APPROVED

Reviewed By :Yogesh Patel 08/04/2023

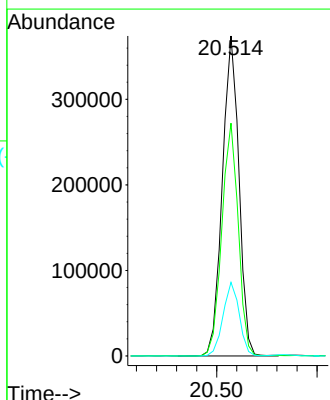
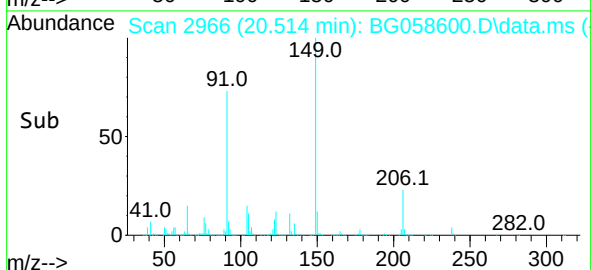
Supervised By :mohammad ahmed 08/04/2023

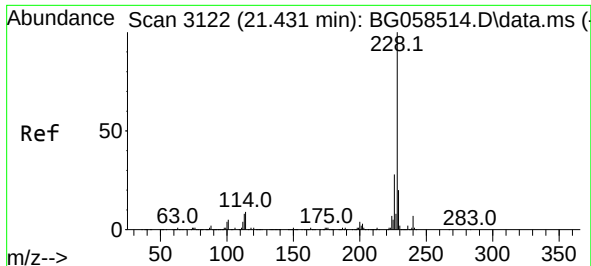


#80  
 Butylbenzylphthalate  
 Concen: 51.120 ng  
 RT: 20.514 min Scan# 2966  
 Delta R.T. 0.000 min  
 Lab File: BG058600.D  
 Acq: 3 Aug 2023 19:47



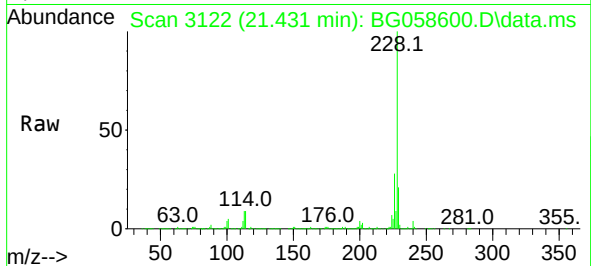
Tgt Ion:149 Resp: 428069  
 Ion Ratio Lower Upper  
 149 100  
 91 72.8 58.4 87.6  
 206 23.0 18.3 27.5





#81  
Benzo(a)anthracene  
Concen: 50.860 ng  
RT: 21.431 min Scan# 3122  
Delta R.T. 0.000 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47

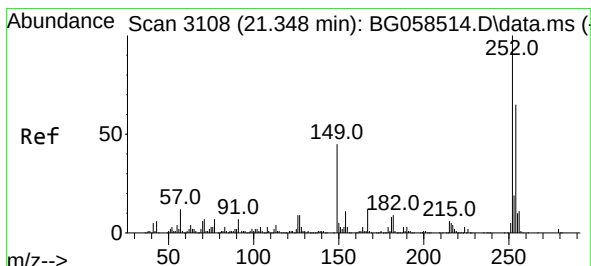
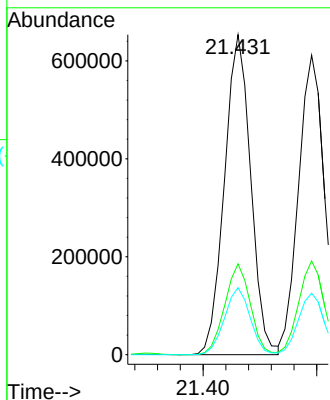
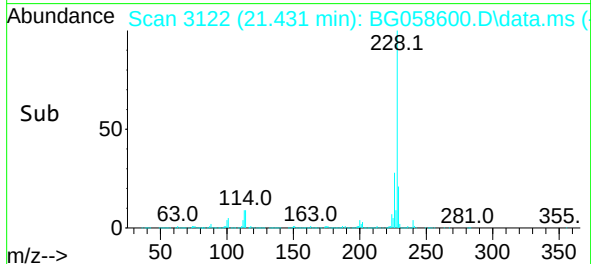
Instrument :  
BNA\_G  
ClientSampleId :  
B-P24BMSD



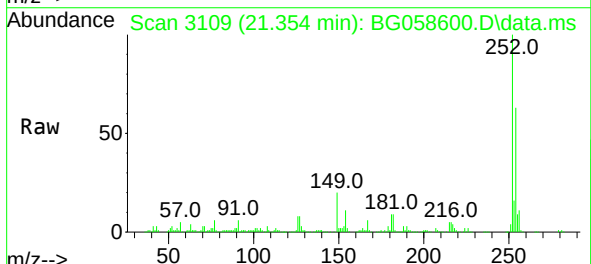
Tgt Ion:228 Resp: 104845  
Ion Ratio Lower Upper  
228 100  
226 28.4 22.6 33.8  
229 20.9 16.3 24.5

Manual Integrations  
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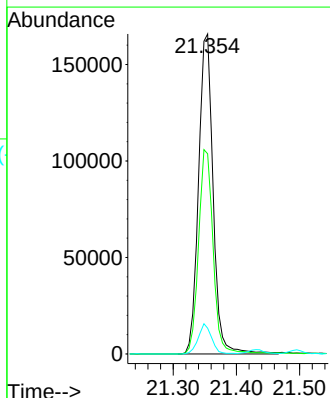
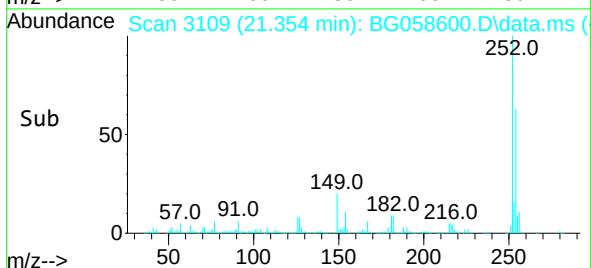
Reviewed By :Yogesh Patel 08/04/2023  
Supervised By :mohammad ahmed 08/04/2023

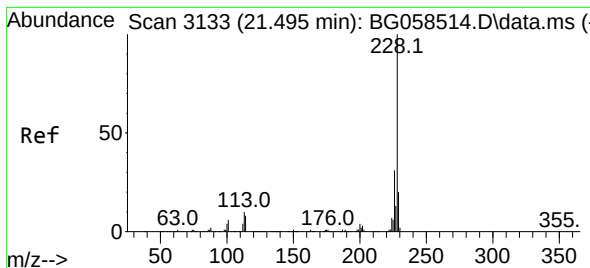


#82  
3,3'-Dichlorobenzidine  
Concen: 38.045 ng  
RT: 21.354 min Scan# 3109  
Delta R.T. 0.006 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47



Tgt Ion:252 Resp: 265176  
Ion Ratio Lower Upper  
252 100  
254 62.6 52.2 78.4  
126 8.0 7.2 10.8





#83

Chrysene

Concen: 48.844 ng

RT: 21.495 min Scan# 3133

Delta R.T. 0.000 min

Lab File: BG058600.D

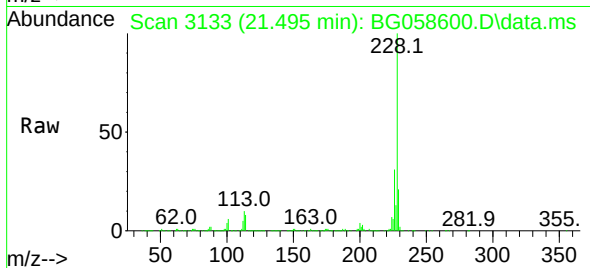
Acq: 3 Aug 2023 19:47

Instrument :

BNA\_G

ClientSampleId :

B-P24BM5D



Tgt Ion:228 Resp: 965402

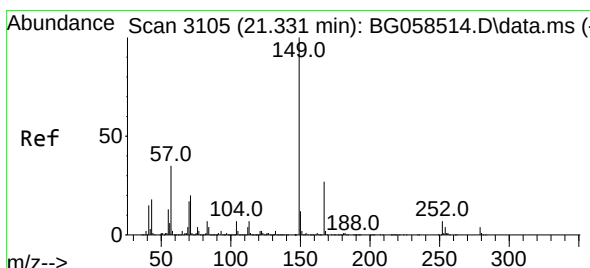
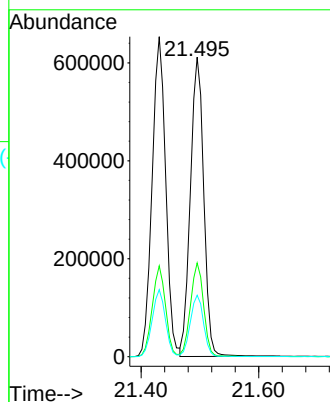
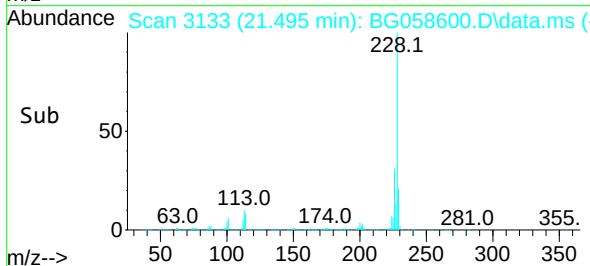
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 31.3  | 25.0  | 37.6  |
| 229 | 20.5  | 16.3  | 24.5  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/04/2023

Supervised By :mohammad ahmed 08/04/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.933 ng

RT: 21.337 min Scan# 3106

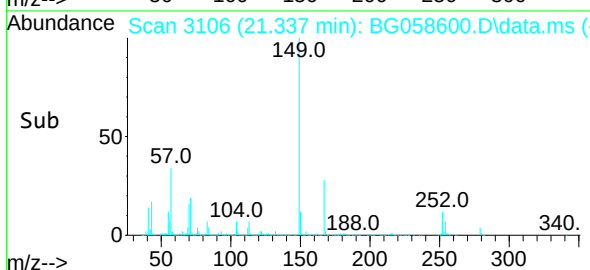
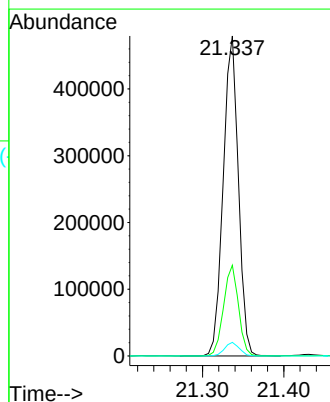
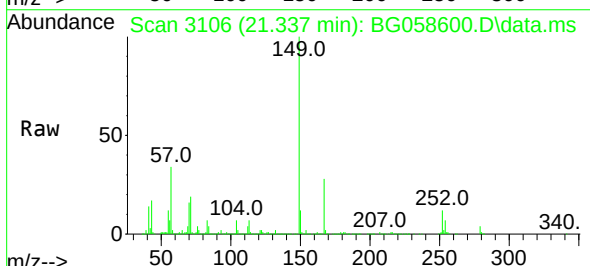
Delta R.T. 0.006 min

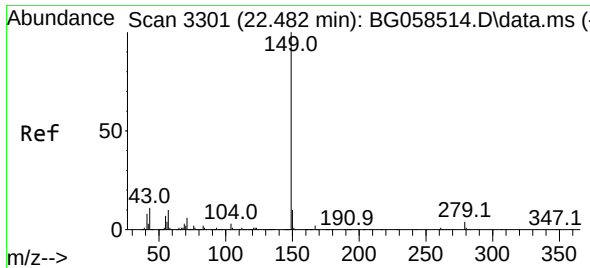
Lab File: BG058600.D

Acq: 3 Aug 2023 19:47

Tgt Ion:149 Resp: 623261

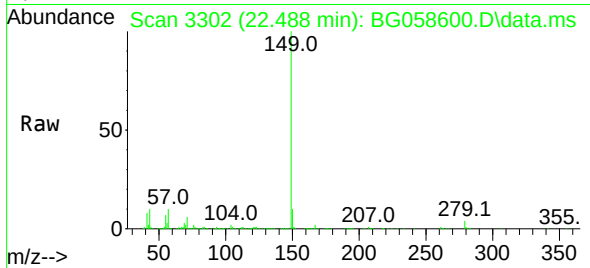
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 28.4  | 21.8  | 32.8  |
| 279 | 4.2   | 2.9   | 4.3   |





#85  
Di-n-octyl phthalate  
Concen: 51.142 ng  
RT: 22.488 min Scan# 311  
Delta R.T. 0.006 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47

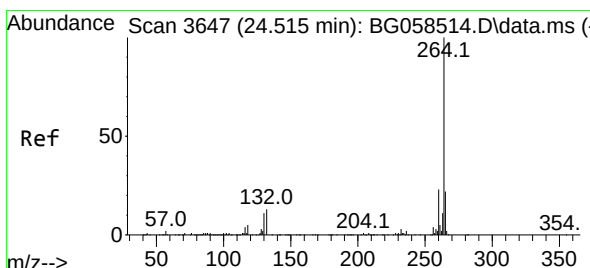
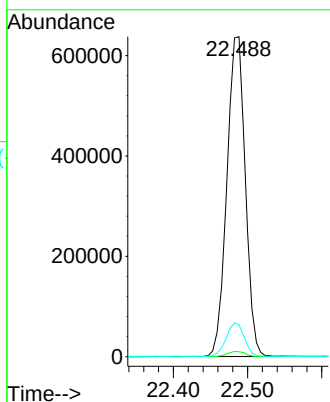
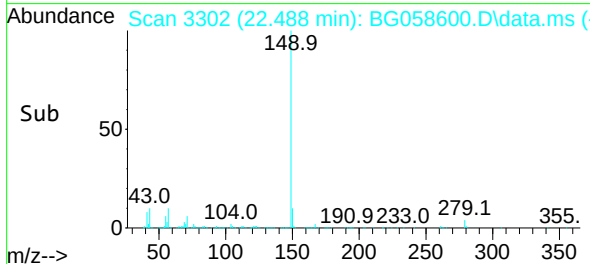
Instrument :  
BNA\_G  
ClientSampleId :  
B-P24BMSD



Tgt Ion:149 Resp: 1100259  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 10.3 8.2 12.2

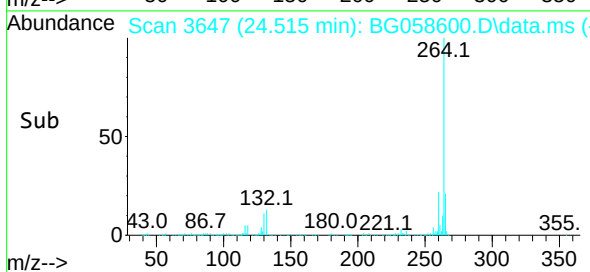
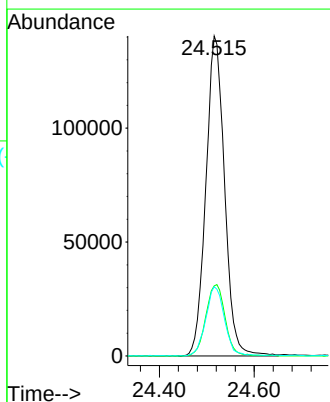
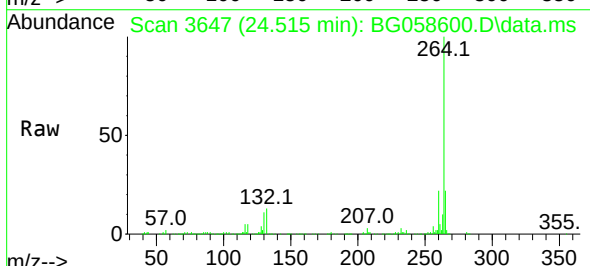
Manual Integrations  
APPROVED

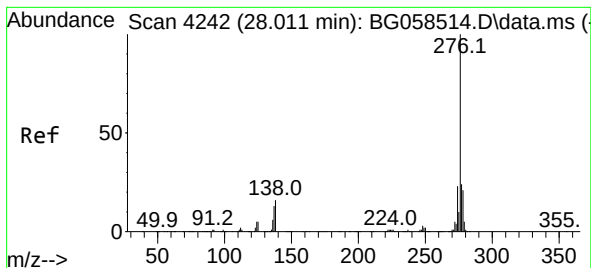
Reviewed By :Yogesh Patel 08/04/2023  
Supervised By :mohammad ahmed 08/04/2023



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.515 min Scan# 3647  
Delta R.T. 0.000 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47

Tgt Ion:264 Resp: 384156  
Ion Ratio Lower Upper  
264 100  
260 21.9 18.4 27.6  
265 21.7 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.536 ng

RT: 28.017 min Scan# 4243

Delta R.T. 0.006 min

Lab File: BG058600.D

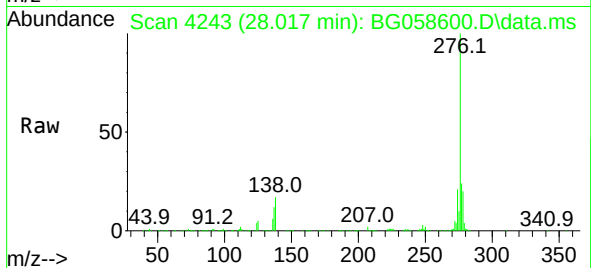
Acq: 3 Aug 2023 19:47

Instrument :

BNA\_G

ClientSampleId :

B-P24BMSD



Tgt Ion:276 Resp: 126598

Ion Ratio Lower Upper

276 100

138 20.2 16.0 24.0

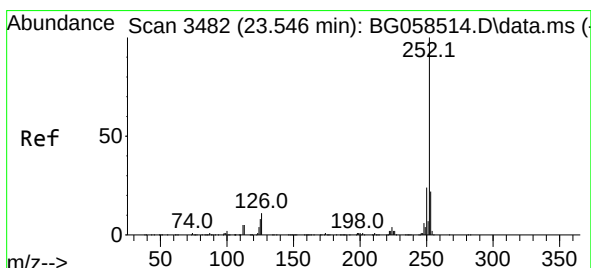
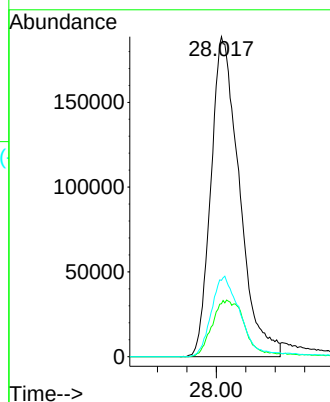
277 25.6 20.4 30.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/04/2023

Supervised By :mohammad ahmed 08/04/2023



#88

Benzo(b)fluoranthene

Concen: 53.521 ng

RT: 23.546 min Scan# 3482

Delta R.T. 0.000 min

Lab File: BG058600.D

Acq: 3 Aug 2023 19:47

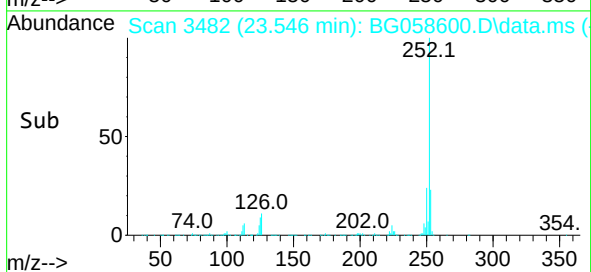
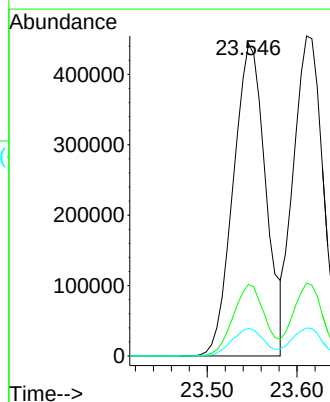
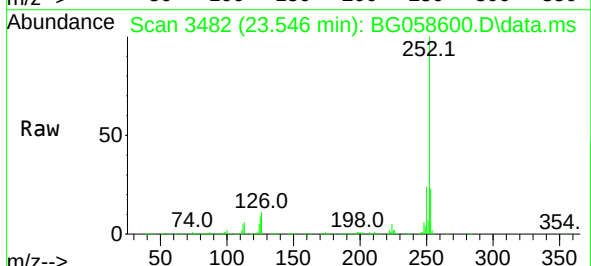
Tgt Ion:252 Resp: 1115157

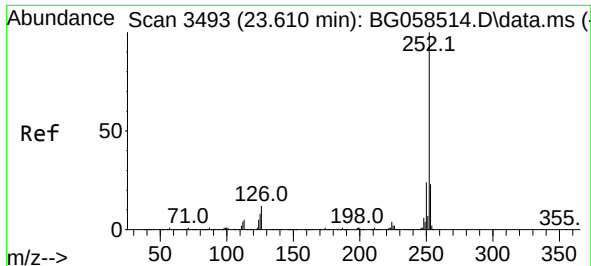
Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

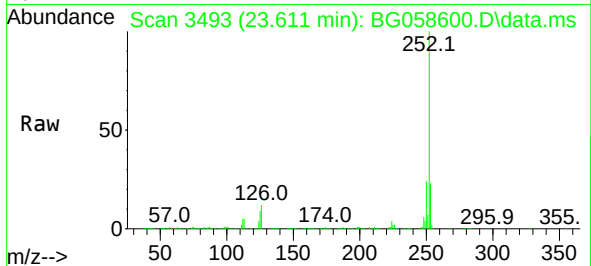
125 8.8 6.6 9.8





#89  
Benzo(k)fluoranthene  
Concen: 49.884 ng  
RT: 23.611 min Scan# 3493  
Delta R.T. 0.000 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47

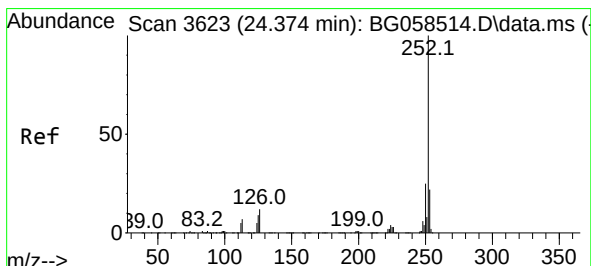
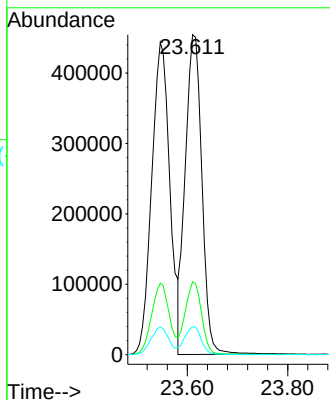
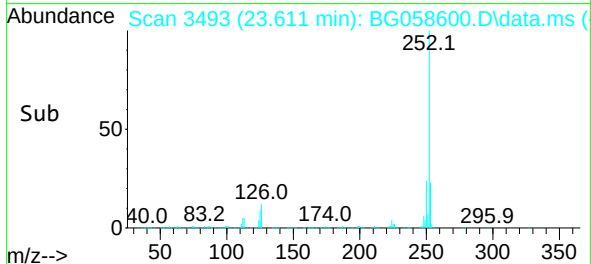
Instrument :  
BNA\_G  
ClientSampleId :  
B-P24BMSD



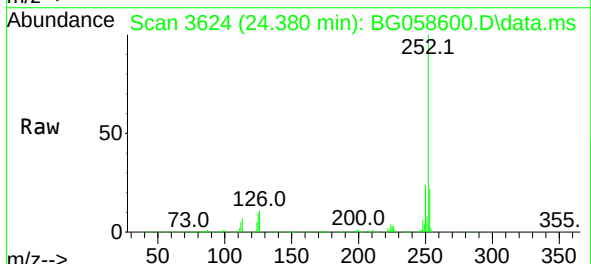
Tgt Ion:252 Resp: 104414  
Ion Ratio Lower Upper  
252 100  
253 22.8 17.9 26.9  
125 8.8 6.6 10.0

Manual Integrations  
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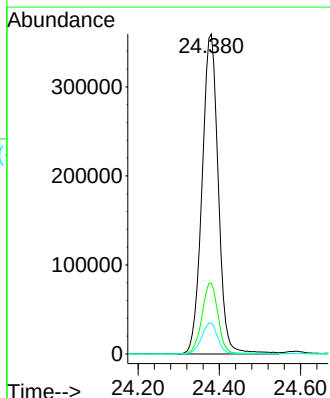
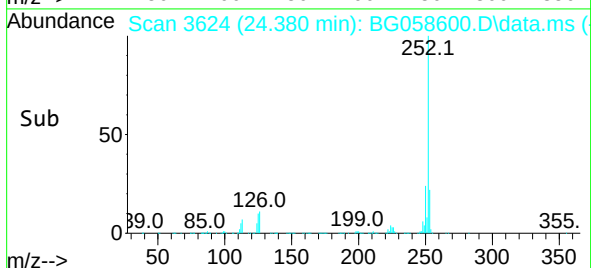
Reviewed By :Yogesh Patel 08/04/2023  
Supervised By :mohammad ahmed 08/04/2023



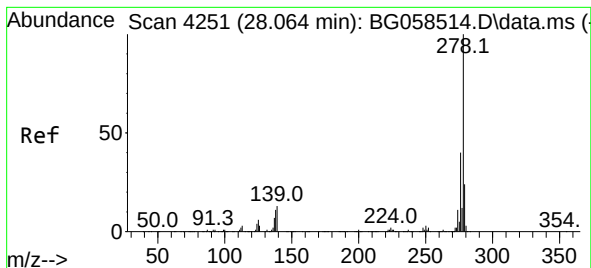
#90  
Benzo(a)pyrene  
Concen: 48.656 ng  
RT: 24.380 min Scan# 3624  
Delta R.T. 0.006 min  
Lab File: BG058600.D  
Acq: 3 Aug 2023 19:47



Tgt Ion:252 Resp: 995595  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.5 26.3  
125 9.6 7.4 11.2







#91

Dibenzo(a,h)anthracene

Concen: 50.735 ng

RT: 28.076 min Scan# 4253

Delta R.T. 0.012 min

Lab File: BG058600.D

Acq: 3 Aug 2023 19:47

Instrument :

BNA\_G

ClientSampleId :

B-P24BMSD

Tgt Ion:278 Resp: 107213

Ion Ratio Lower Upper

278 100

139 12.1 10.4 15.6

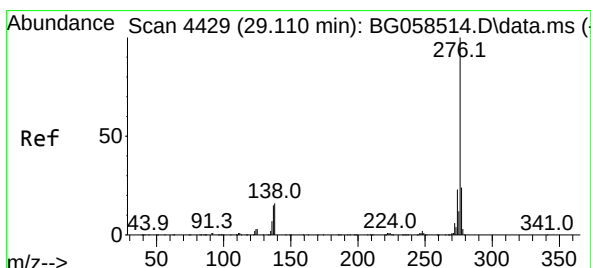
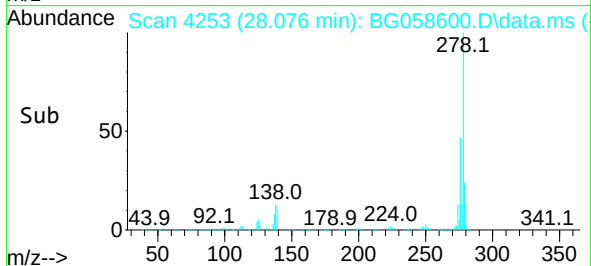
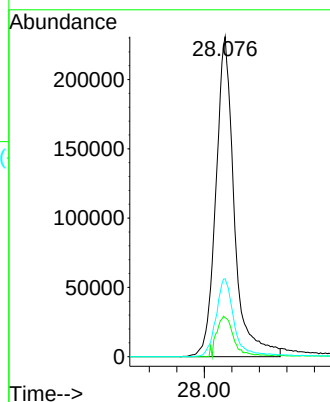
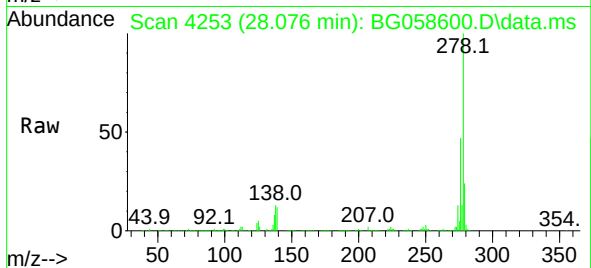
279 24.3 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/04/2023

Supervised By :mohammad ahmed 08/04/2023



#92

Benzo(g,h,i)perylene

Concen: 47.268 ng

RT: 29.110 min Scan# 4429

Delta R.T. 0.000 min

Lab File: BG058600.D

Acq: 3 Aug 2023 19:47

Tgt Ion:276 Resp: 1001611

Ion Ratio Lower Upper

276 100

277 24.3 18.9 28.3

138 17.9 13.0 19.4

