

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG011024\  
 Data File : BG060297.D  
 Acq On : 10 Jan 2024 12:15  
 Operator : MA/JU  
 Sample : P1067-01MS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SP-A-COMP(0-8)MS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 01/11/2024  
 Supervised By :mohammad ahmed 01/12/2024

Quant Time: Jan 10 12:51:45 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG010824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 09 04:07:12 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.929  | 152  | 240143   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.737 | 136  | 1061938  | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.568 | 164  | 693059   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.318 | 188  | 1612266  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.583 | 240  | 1465701  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.750 | 264  | 1620238  | 20.000  | ng    | 0.01     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.508  | 112  | 1323425  | 90.644  | ng    | 0.00     |
| 7) Phenol-d6                  | 7.100  | 99   | 2120971  | 98.104  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.092  | 82   | 1267936  | 56.380  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.060 | 330  | 942146   | 92.395  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.193 | 172  | 3140385  | 62.998  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.932 | 244  | 4451590  | 72.483  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.404  | 88   | 287541   | 43.114  | ng    | # 93     |
| 3) Pyridine                   | 3.798  | 79   | 772545   | 41.056  | ng    | 93       |
| 4) n-Nitrosodimethylamine     | 3.716  | 42   | 301429   | 51.185  | ng    | 92       |
| 6) Aniline                    | 7.259  | 93   | 635672   | 29.416  | ng    | 97       |
| 8) 2-Chlorophenol             | 7.500  | 128  | 719147   | 49.701  | ng    | 96       |
| 9) Benzaldehyde               | 7.065  | 77   | 149387m  | 12.038  | ng    |          |
| 10) Phenol                    | 7.124  | 94   | 1110046  | 51.210  | ng    | 99       |
| 11) bis(2-Chloroethyl)ether   | 7.353  | 93   | 812276   | 45.987  | ng    | 97       |
| 12) 1,3-Dichlorobenzene       | 7.817  | 146  | 799878   | 44.041  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 7.970  | 146  | 819256   | 44.459  | ng    | 99       |
| 14) 1,2-Dichlorobenzene       | 8.281  | 146  | 787850   | 41.579  | ng    | 98       |
| 15) Benzyl Alcohol            | 8.169  | 79   | 706760   | 50.502  | ng    | 97       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.457  | 45   | 997055m  | 46.508  | ng    |          |
| 17) 2-Methylphenol            | 8.375  | 107  | 706026   | 47.421  | ng    | 99       |
| 18) Hexachloroethane          | 9.010  | 117  | 283497   | 43.879  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.734  | 70   | 664680   | 44.422  | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.704  | 107  | 969707   | 48.307  | ng    | 95       |
| 22) Acetophenone              | 8.751  | 105  | 1274154  | 43.649  | ng    | 98       |
| 24) Nitrobenzene              | 9.139  | 77   | 925515   | 39.699  | ng    | 98       |
| 25) Isophorone                | 9.656  | 82   | 1975891  | 43.750  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.844  | 139  | 427961   | 49.927  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 9.903  | 122  | 686947   | 60.650  | ng    | 99       |
| 28) bis(2-Chloroethoxy)met... | 10.138 | 93   | 1261424  | 45.712  | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 10.379 | 162  | 935263   | 50.955  | ng    | 98       |
| 30) 1,2,4-Trichlorobenzene    | 10.596 | 180  | 993695   | 43.517  | ng    | 98       |
| 31) Naphthalene               | 10.784 | 128  | 2427609  | 43.611  | ng    | 99       |
| 32) Benzoic acid              | 10.032 | 122  | 386199m  | 40.606  | ng    |          |
| 33) 4-Chloroaniline           | 10.890 | 127  | 413791   | 19.292  | ng    | 99       |
| 34) Hexachlorobutadiene       | 11.066 | 225  | 603800   | 40.591  | ng    | 94       |
| 35) Caprolactam               | 11.665 | 113  | 268493m  | 45.417  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 12.018 | 107  | 818215   | 43.881  | ng    | 100      |
| 37) 2-Methylnaphthalene       | 12.394 | 142  | 1597740  | 38.700  | ng    | 97       |
| 38) 1-Methylnaphthalene       | 12.611 | 142  | 1572756  | 37.937  | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 12.764 | 216  | 1093314  | 44.418  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.741 | 237  | 1172131  | 143.431 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 12.999 | 196  | 745435   | 47.588  | ng    | 96       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG011024\  
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 Operator : MA/JU  
 Sample : P1067-01MS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SP-A-COMP(0-8)MS

Manual Integrations  
 APPROVED

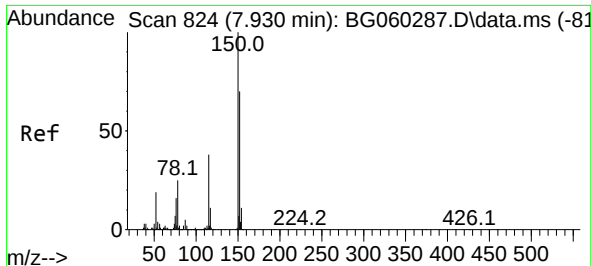
Reviewed By :Yogesh Patel 01/11/2024  
 Supervised By :mohammad ahmed 01/12/2024

Quant Time: Jan 10 12:51:45 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG010824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 09 04:07:12 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.075 | 196  | 824455   | 47.719  | ng    | 96       |
| 46) 1,1'-Biphenyl             | 13.405 | 154  | 2400358  | 45.883  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.446 | 162  | 1946238  | 43.426  | ng    | 99       |
| 48) 2-Nitroaniline            | 13.651 | 65   | 563304   | 50.470  | ng    | 96       |
| 49) Acenaphthylene            | 14.292 | 152  | 3044453  | 49.330  | ng    | 99       |
| 50) Dimethylphthalate         | 14.021 | 163  | 2369372  | 44.737  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.145 | 165  | 519182   | 45.941  | ng    | 90       |
| 52) Acenaphthene              | 14.632 | 154  | 1713649  | 44.592  | ng    | 99       |
| 53) 3-Nitroaniline            | 14.474 | 138  | 256392   | 24.898  | ng    | 98       |
| 54) 2,4-Dinitrophenol         | 14.679 | 184  | 563920   | 82.053  | ng    | 93       |
| 55) Dibenzofuran              | 14.967 | 168  | 2908025  | 45.330  | ng    | 98       |
| 56) 4-Nitrophenol             | 14.791 | 139  | 829654   | 108.621 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 14.932 | 165  | 719730   | 46.443  | ng    | 96       |
| 58) Fluorene                  | 15.620 | 166  | 2393109  | 45.046  | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 15.197 | 232  | 719796   | 49.061  | ng    | 98       |
| 60) Diethylphthalate          | 15.385 | 149  | 2278175  | 44.806  | ng    | 99       |
| 61) 4-Chlorophenyl-phenyle... | 15.608 | 204  | 1250028  | 42.713  | ng    | 98       |
| 62) 4-Nitroaniline            | 15.643 | 138  | 510470   | 46.576  | ng    | 97       |
| 63) Azobenzene                | 15.902 | 77   | 2330805  | 45.322  | ng    | 100      |
| 65) 4,6-Dinitro-2-methylph... | 15.696 | 198  | 408436   | 45.792  | ng    | 94       |
| 66) n-Nitrosodiphenylamine    | 15.825 | 169  | 2098649  | 49.023  | ng    | 98       |
| 67) 4-Bromophenyl-phenylether | 16.507 | 248  | 797768   | 45.032  | ng    | 97       |
| 68) Hexachlorobenzene         | 16.618 | 284  | 933448   | 44.513  | ng    | 98       |
| 69) Atrazine                  | 16.777 | 200  | 820080   | 50.803  | ng    | 98       |
| 70) Pentachlorophenol         | 16.965 | 266  | 1122409  | 99.299  | ng    | 95       |
| 71) Phenanthrene              | 17.359 | 178  | 3607432  | 46.291  | ng    | 99       |
| 72) Anthracene                | 17.453 | 178  | 3664799  | 47.103  | ng    | 99       |
| 73) Carbazole                 | 17.723 | 167  | 3332228  | 45.429  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.275 | 149  | 3579249  | 47.425  | ng    | 99       |
| 75) Fluoranthene              | 19.374 | 202  | 4081281  | 43.603  | ng    | 100      |
| 77) Benzidine                 | 19.556 | 184  | 1764834  | 55.424  | ng    | 99       |
| 78) Pyrene                    | 19.738 | 202  | 4225726  | 45.147  | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.625 | 149  | 1712362  | 53.175  | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.566 | 228  | 4251649  | 46.856  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.483 | 252  | 899833   | 25.895  | ng    | 99       |
| 83) Chrysene                  | 21.630 | 228  | 4019911  | 45.045  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.472 | 149  | 2507632  | 51.533  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.664 | 149  | 4141143  | 52.516  | ng    | 98       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.369 | 276  | 4926617  | 43.731  | ng    | # 93     |
| 88) Benzo(b)fluoranthene      | 23.745 | 252  | 4374812  | 45.706  | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 23.816 | 252  | 4330996  | 45.853  | ng    | 99       |
| 90) Benzo(a)pyrene            | 24.609 | 252  | 4039153  | 46.714  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 28.428 | 278  | 4188744  | 45.528  | ng    | 100      |
| 92) Benzo(g,h,i)perylene      | 29.503 | 276  | 3998903  | 42.408  | ng    | 98       |

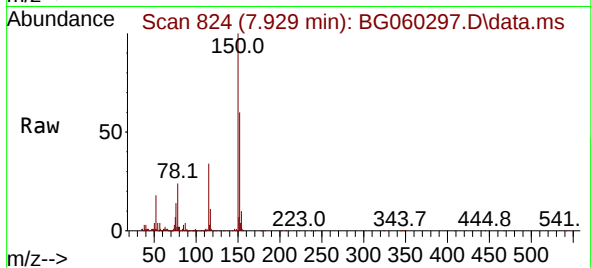
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.929 min Scan# 81  
Delta R.T. -0.001 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

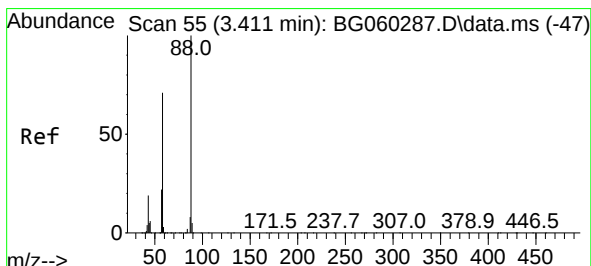
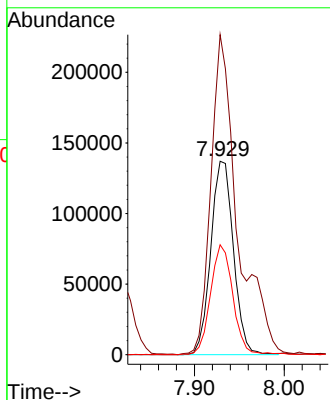
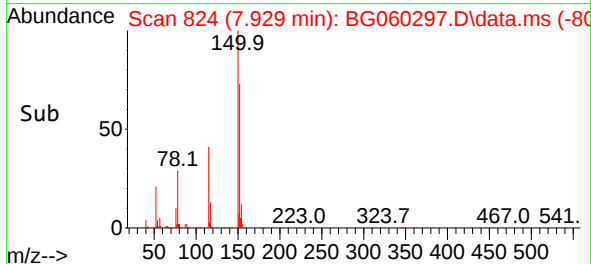
Instrument :  
BNA\_G  
ClientSampleId :  
SP-A-COMP(0-8)MS



Tgt Ion:152 Resp: 24014  
Ion Ratio Lower Upper  
152 100  
150 165.4 114.5 171.7  
115 56.8 43.0 64.6

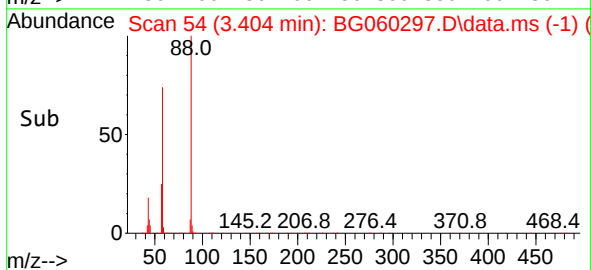
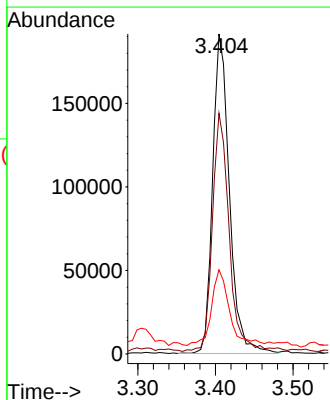
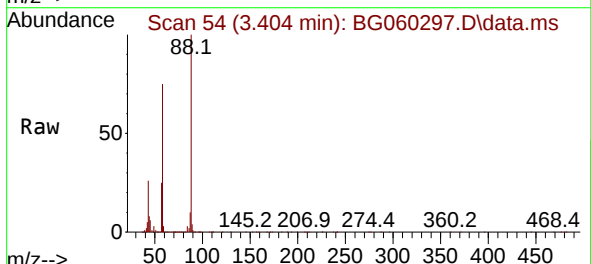
Manual Integrations  
APPROVED

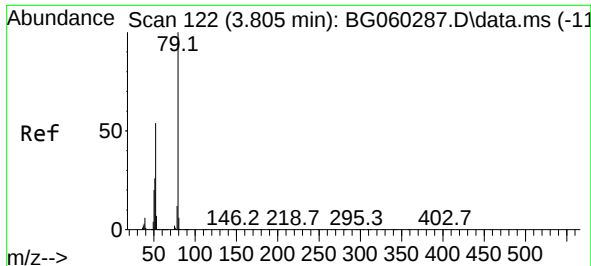
Reviewed By :Yogesh Patel 01/11/2024  
Supervised By :mohammad ahmed 01/12/2024



#2  
1,4-Dioxane  
Concen: 43.114 ng  
RT: 3.404 min Scan# 54  
Delta R.T. -0.007 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

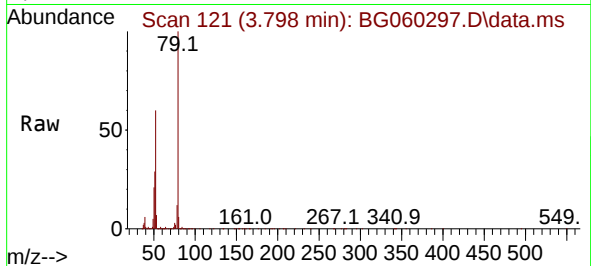
Tgt Ion: 88 Resp: 287541  
Ion Ratio Lower Upper  
88 100  
58 74.6 55.9 83.9  
43 25.2 16.6 24.8#





#3  
Pyridine  
Concen: 41.056 ng  
RT: 3.798 min Scan# 11  
Delta R.T. -0.007 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

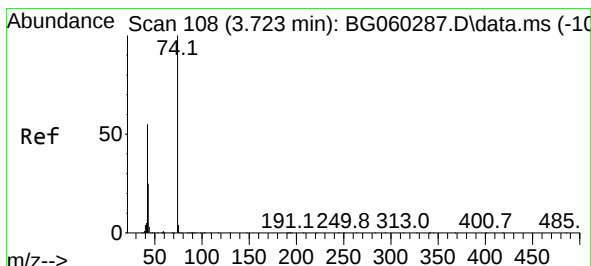
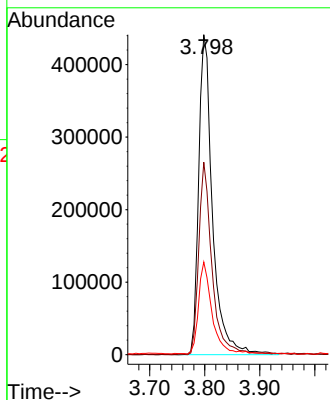
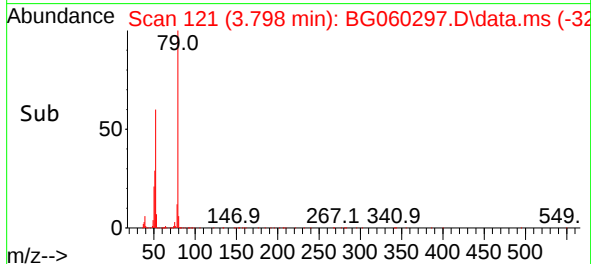
Instrument :  
BNA\_G  
ClientSampleId :  
SP-A-COMP(0-8)MS



Tgt Ion: 79 Resp: 772549  
Ion Ratio Lower Upper  
79 100  
52 60.2 43.2 64.8  
51 29.0 21.4 32.2

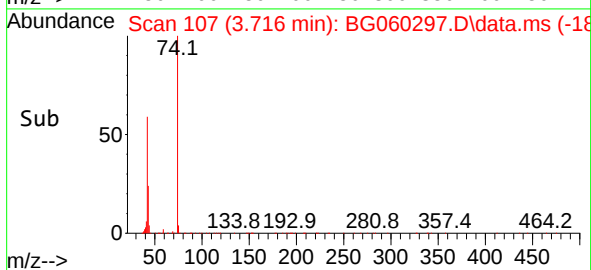
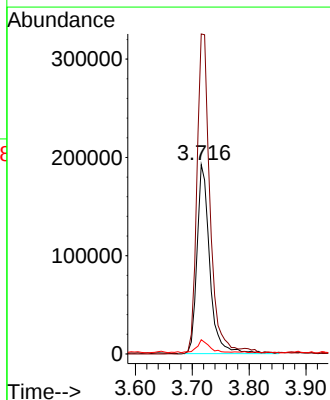
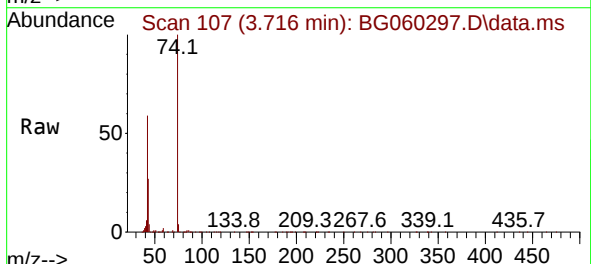
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 01/11/2024  
Supervised By :mohammad ahmed 01/12/2024



#4  
n-Nitrosodimethylamine  
Concen: 51.185 ng  
RT: 3.716 min Scan# 107  
Delta R.T. -0.007 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

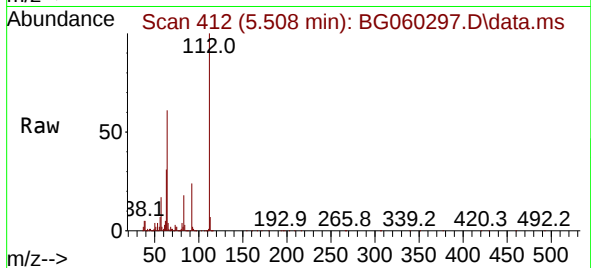
Tgt Ion: 42 Resp: 301429  
Ion Ratio Lower Upper  
42 100  
74 169.0 145.1 217.7  
44 7.5 5.2 7.8





#5  
2-Fluorophenol  
Concen: 90.644 ng  
RT: 5.508 min Scan# 411  
Delta R.T. 0.005 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

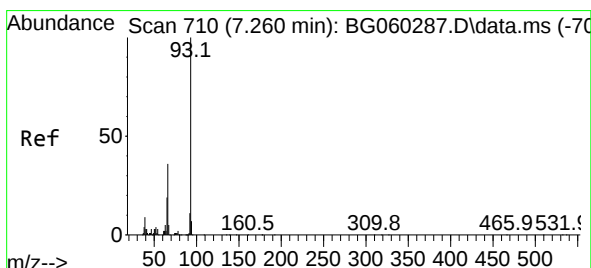
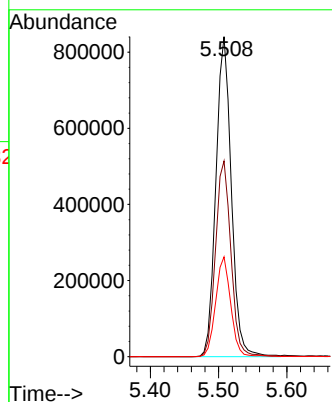
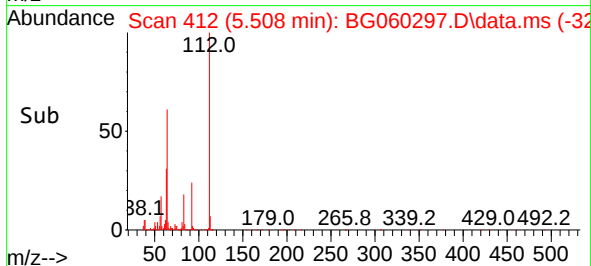
Instrument :  
BNA\_G  
ClientSampleId :  
SP-A-COMP(0-8)MS



Tgt Ion:112 Resp: 1323425  
Ion Ratio Lower Upper  
112 100  
64 61.1 49.8 74.6  
63 31.2 24.4 36.6

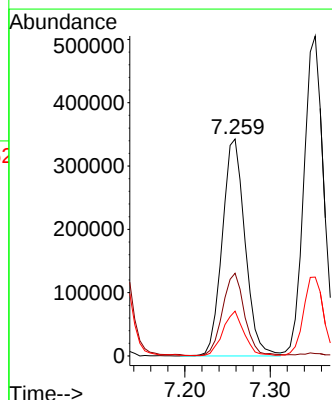
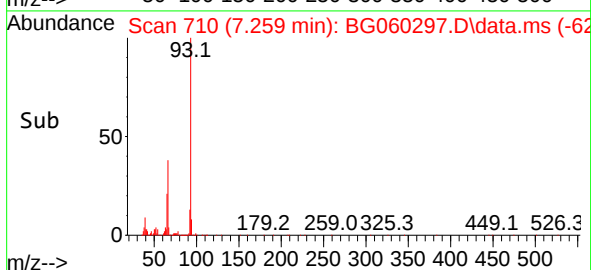
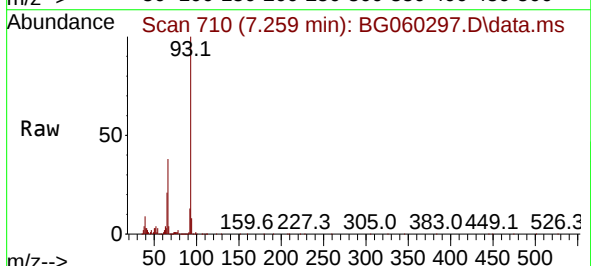
Manual Integrations  
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Supervised By :mohammad ahmed 01/12/2024



#6  
Aniline  
Concen: 29.416 ng  
RT: 7.259 min Scan# 710  
Delta R.T. -0.001 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

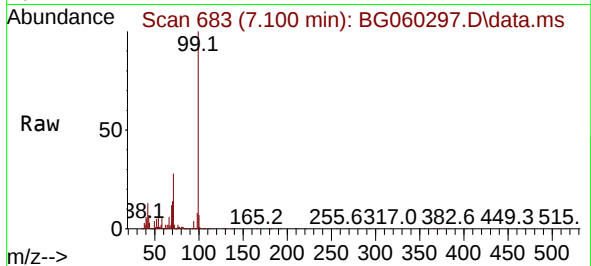
Tgt Ion: 93 Resp: 635672  
Ion Ratio Lower Upper  
93 100  
66 38.1 29.0 43.4  
65 20.7 15.1 22.7





#7  
Phenol-d6  
Concen: 98.104 ng  
RT: 7.100 min Scan# 61  
Delta R.T. 0.005 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

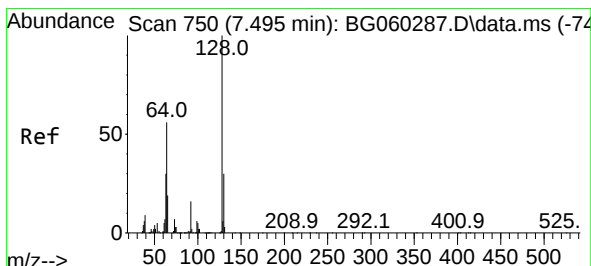
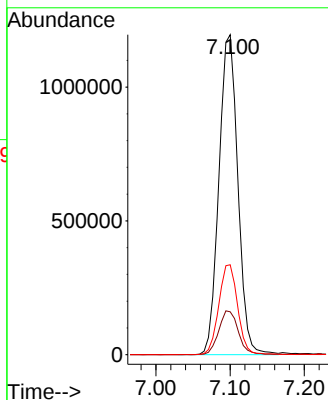
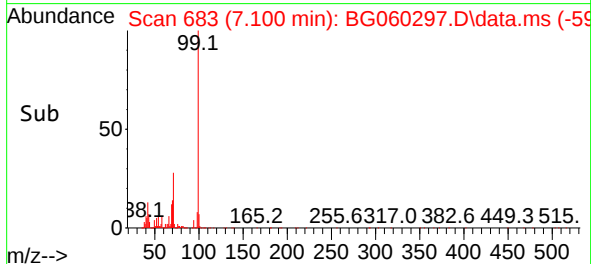
Instrument :  
BNA\_G  
ClientSampleId :  
SP-A-COMP(0-8)MS



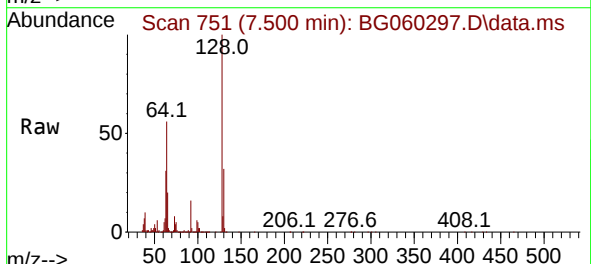
Tgt Ion: 99 Resp: 212097  
Ion Ratio Lower Upper  
99 100  
42 13.4 10.9 16.3  
71 28.1 21.5 32.3

Manual Integrations  
APPROVED

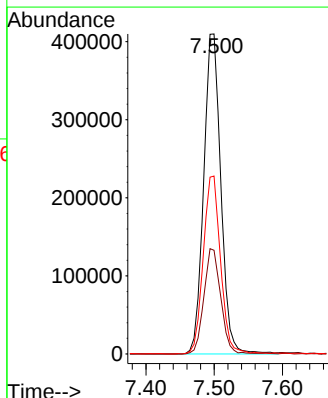
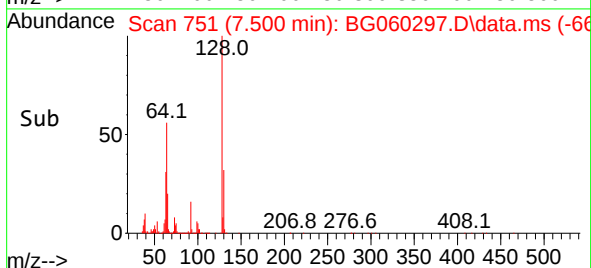
Reviewed By :Yogesh Patel 01/11/2024  
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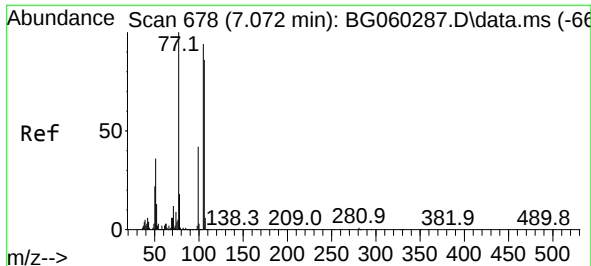


#8  
2-Chlorophenol  
Concen: 49.701 ng  
RT: 7.500 min Scan# 751  
Delta R.T. 0.005 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15



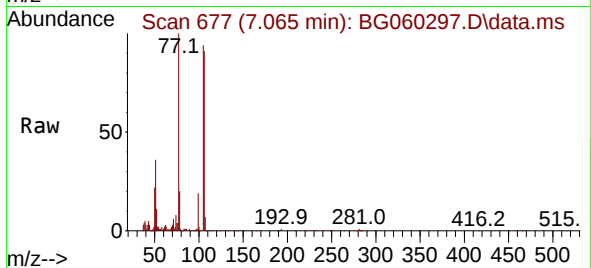
Tgt Ion:128 Resp: 719147  
Ion Ratio Lower Upper  
128 100  
130 32.4 9.9 49.9  
64 55.6 37.8 77.8





#9  
Benzaldehyde  
Concen: 12.038 ng m  
RT: 7.065 min Scan# 61  
Delta R.T. -0.007 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

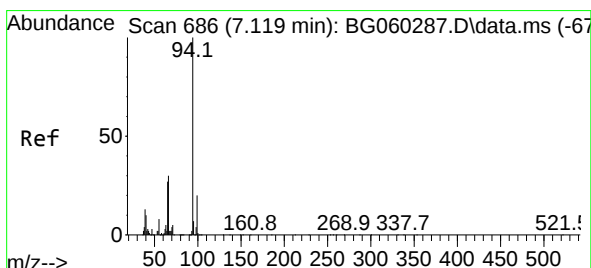
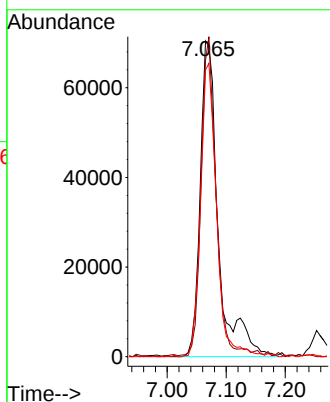
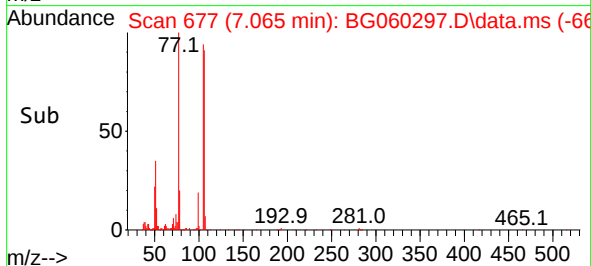
Instrument :  
BNA\_G  
ClientSampleId :  
SP-A-COMP(0-8)MS



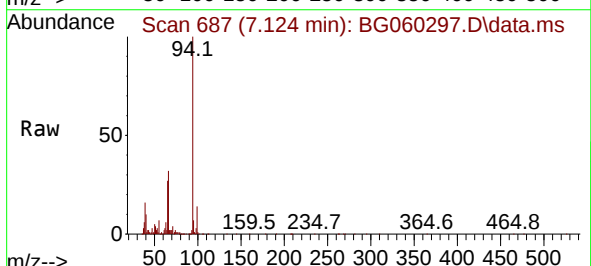
Tgt Ion: 77 Resp: 14938  
Ion Ratio Lower Upper  
77 100  
105 94.0 73.6 113.6  
106 90.8 66.2 106.2

Manual Integrations  
APPROVED

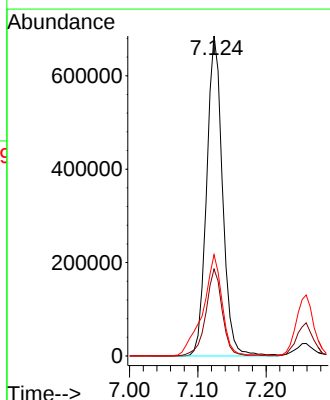
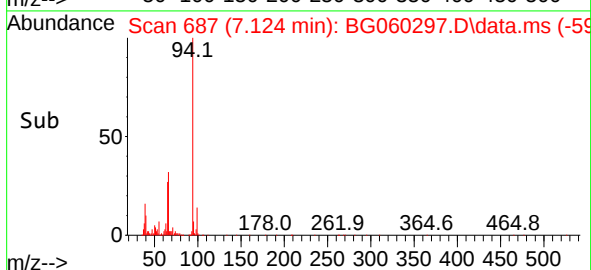
Reviewed By :Yogesh Patel 01/11/2024  
Supervised By :mohammad ahmed 01/12/2024

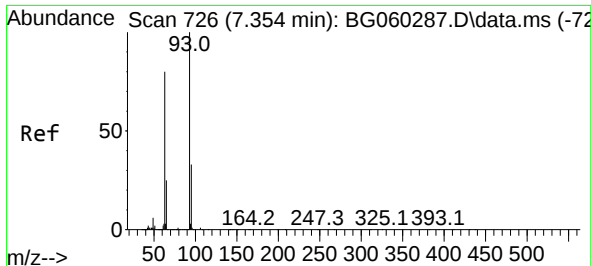


#10  
Phenol  
Concen: 51.210 ng  
RT: 7.124 min Scan# 687  
Delta R.T. 0.005 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15



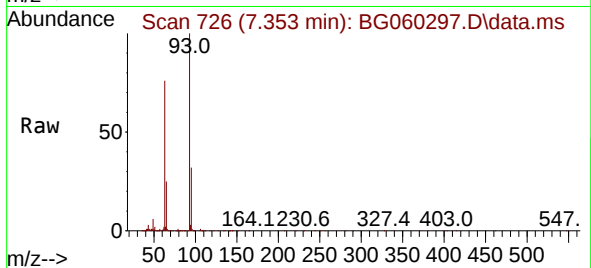
Tgt Ion: 94 Resp: 1110046  
Ion Ratio Lower Upper  
94 100  
65 27.2 6.7 46.7  
66 31.6 10.6 50.6





#11  
bis(2-Chloroethyl)ether  
Concen: 45.987 ng  
RT: 7.353 min Scan# 726  
Delta R.T. -0.001 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

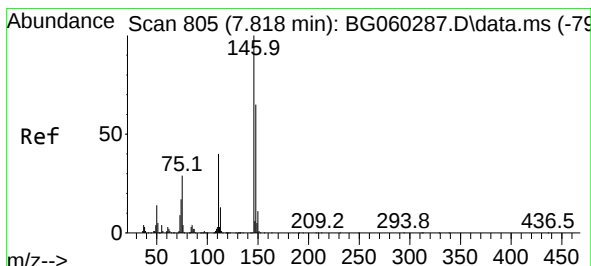
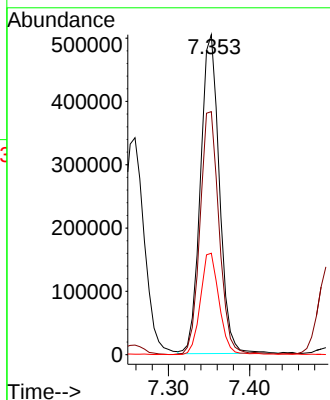
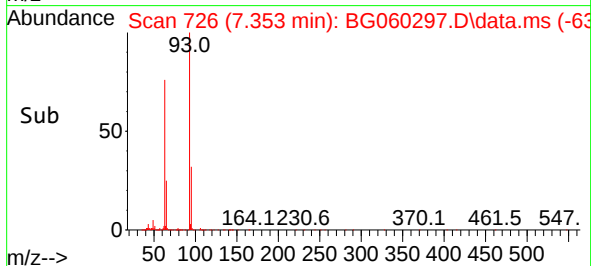
Instrument :  
BNA\_G  
ClientSampleId :  
SP-A-COMP(0-8)MS



Tgt Ion: 93 Resp: 812270  
Ion Ratio Lower Upper  
93 100  
63 76.0 59.3 99.3  
95 31.7 12.8 52.8

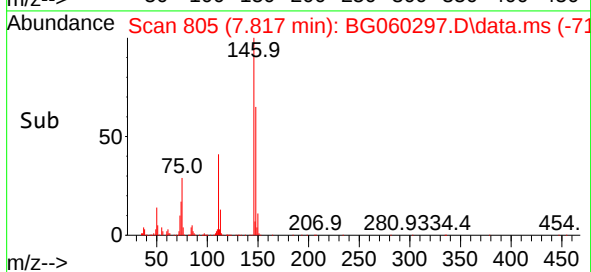
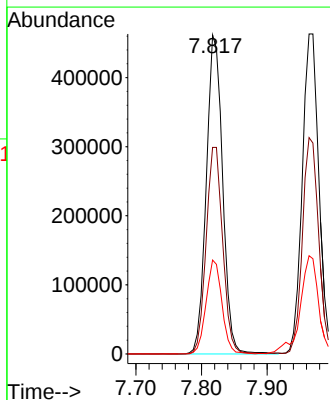
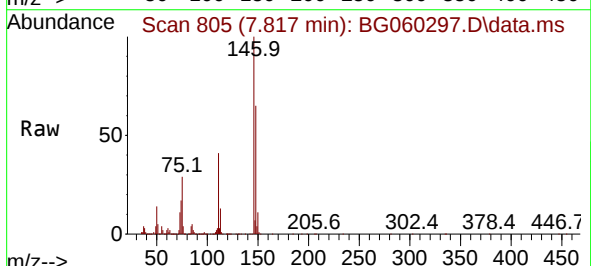
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 01/11/2024  
Supervised By :mohammad ahmed 01/12/2024



#12  
1,3-Dichlorobenzene  
Concen: 44.041 ng  
RT: 7.817 min Scan# 805  
Delta R.T. -0.001 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

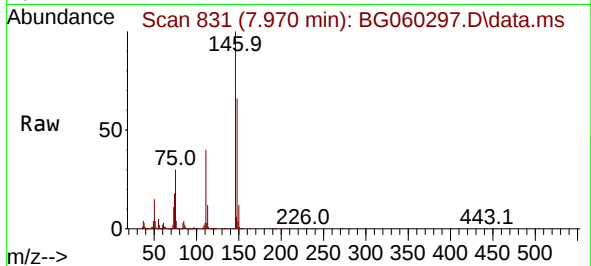
Tgt Ion:146 Resp: 799878  
Ion Ratio Lower Upper  
146 100  
148 64.7 52.3 78.5  
75 29.5 22.9 34.3





#13  
1,4-Dichlorobenzene  
Concen: 44.459 ng  
RT: 7.970 min Scan# 831  
Delta R.T. 0.005 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

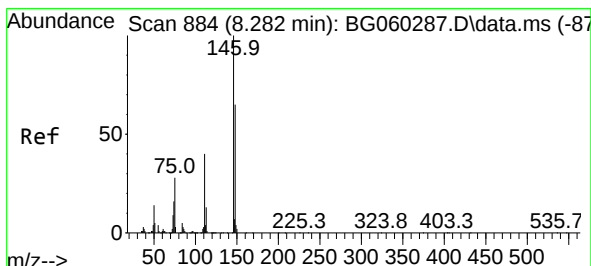
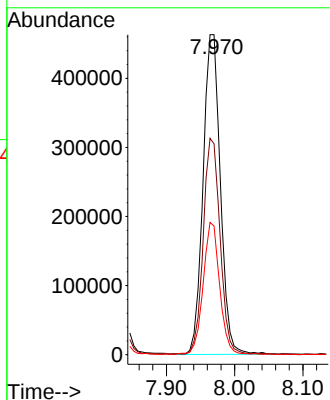
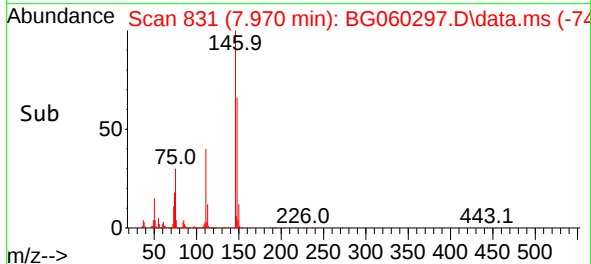
Instrument :  
BNA\_G  
ClientSampleId :  
SP-A-COMP(0-8)MS



Tgt Ion:146 Resp: 819250  
Ion Ratio Lower Upper  
146 100  
148 65.9 52.7 79.1  
111 40.2 31.4 47.0

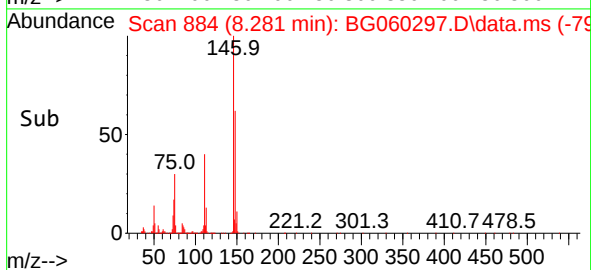
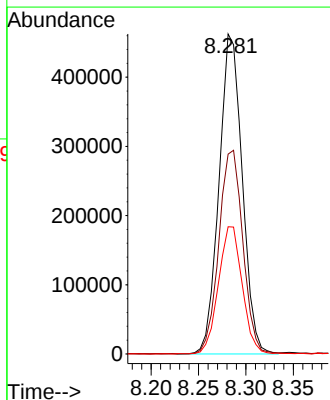
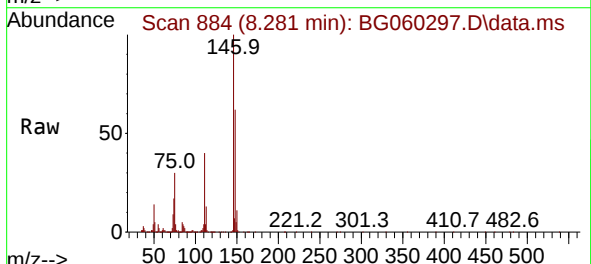
Manual Integrations  
APPROVED

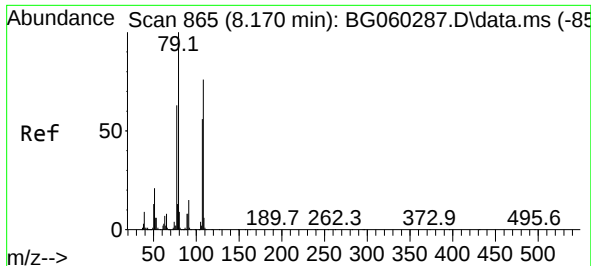
Reviewed By :Yogesh Patel 01/11/2024  
Supervised By :mohammad ahmed 01/12/2024



#14  
1,2-Dichlorobenzene  
Concen: 41.579 ng  
RT: 8.281 min Scan# 884  
Delta R.T. -0.001 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

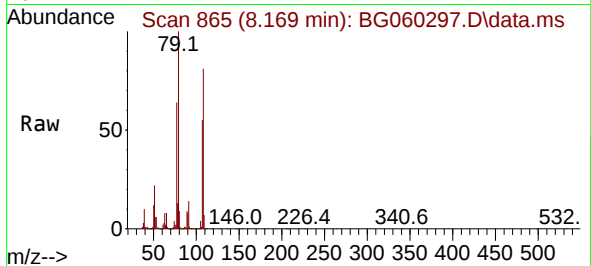
Tgt Ion:146 Resp: 787850  
Ion Ratio Lower Upper  
146 100  
148 62.4 51.8 77.8  
111 39.7 32.6 48.8





#15  
Benzyl Alcohol  
Concen: 50.502 ng  
RT: 8.169 min Scan# 80  
Delta R.T. -0.001 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

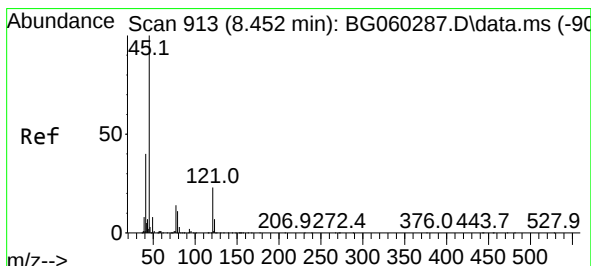
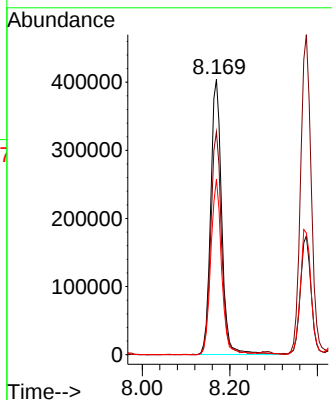
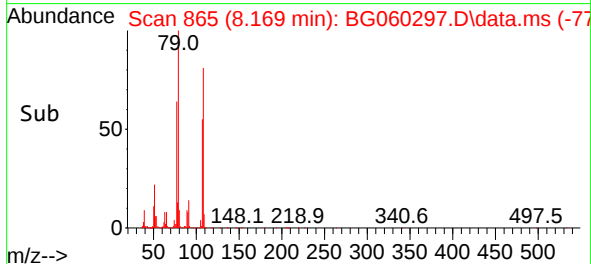
Instrument :  
BNA\_G  
ClientSampleId :  
SP-A-COMP(0-8)MS



Tgt Ion: 79 Resp: 706760  
Ion Ratio Lower Upper  
79 100  
108 80.9 61.2 91.8  
77 63.7 50.3 75.5

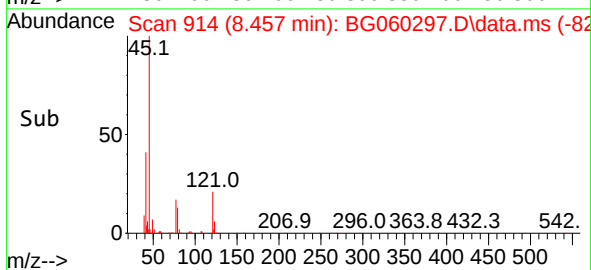
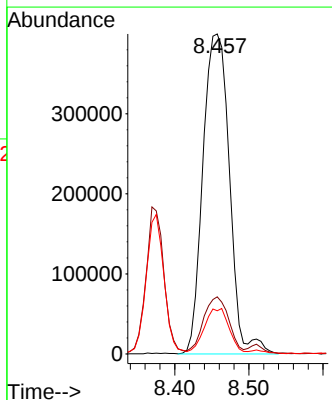
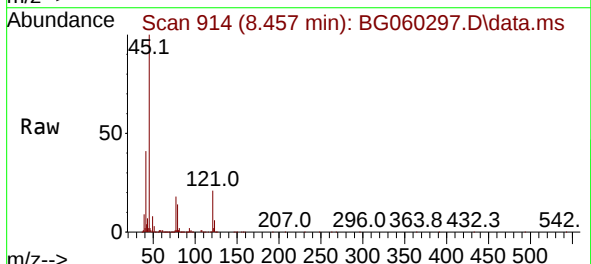
Manual Integrations  
APPROVED

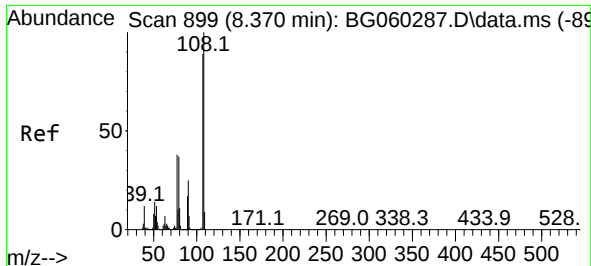
Reviewed By :Yogesh Patel 01/11/2024  
Supervised By :mohammad ahmed 01/12/2024



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 46.508 ng m  
RT: 8.457 min Scan# 914  
Delta R.T. 0.005 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

Tgt Ion: 45 Resp: 997055  
Ion Ratio Lower Upper  
45 100  
77 17.9 0.0 37.3  
79 13.5 0.0 34.0





#17

2-Methylphenol

Concen: 47.421 ng

RT: 8.375 min Scan# 900

Delta R.T. 0.005 min

Lab File: BG060297.D

Acq: 10 Jan 2024 12:15

Instrument :

BNA\_G

ClientSampleId :

SP-A-COMP(0-8)MS

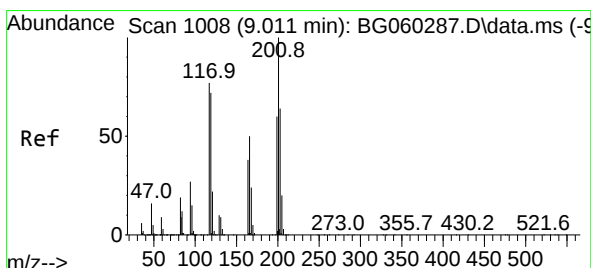
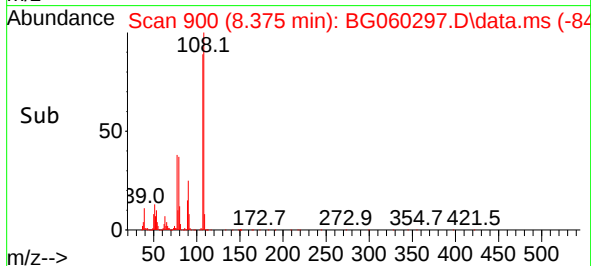
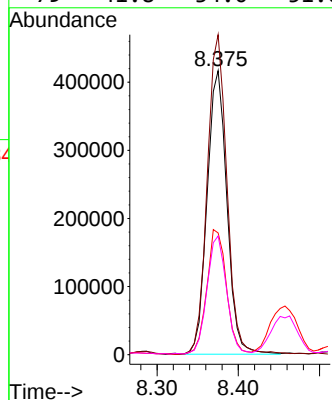
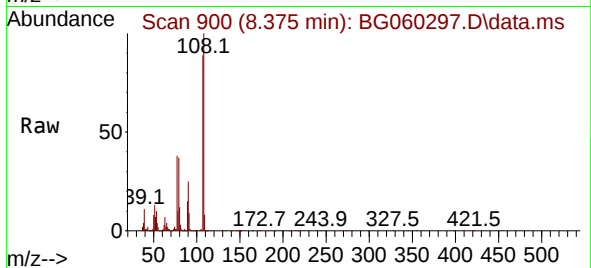
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 706020 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 112.7 | 90.5  | 135.7  |
| 77        | 42.9  | 35.0  | 52.6   |
| 79        | 41.8  | 34.0  | 51.0   |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#18

Hexachloroethane

Concen: 43.879 ng

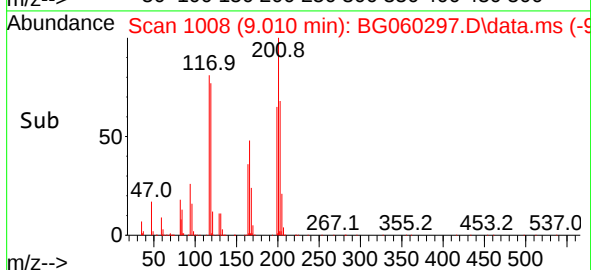
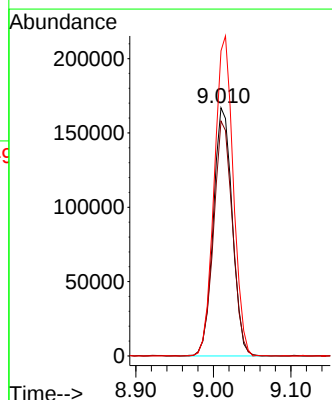
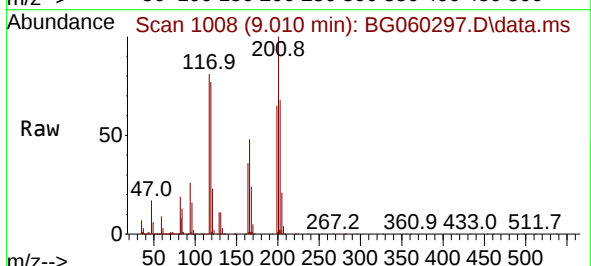
RT: 9.010 min Scan# 1008

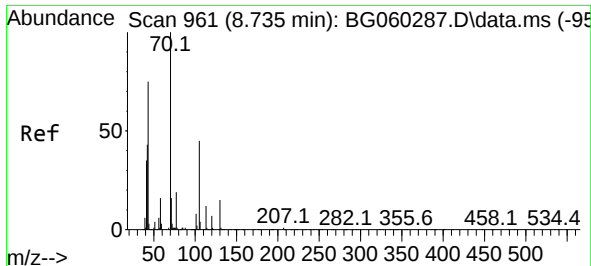
Delta R.T. -0.001 min

Lab File: BG060297.D

Acq: 10 Jan 2024 12:15

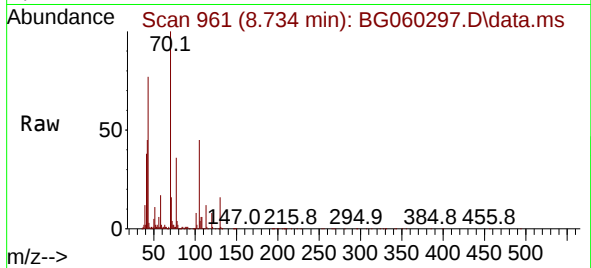
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 283497 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 94.7  | 74.5  | 111.7  |
| 201       | 126.0 | 106.3 | 159.5  |





#19  
n-Nitroso-di-n-propylamine  
Concen: 44.422 ng  
RT: 8.734 min Scan# 90  
Delta R.T. -0.001 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

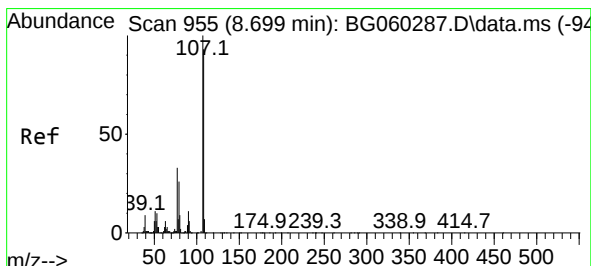
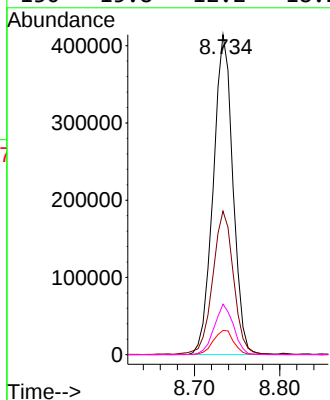
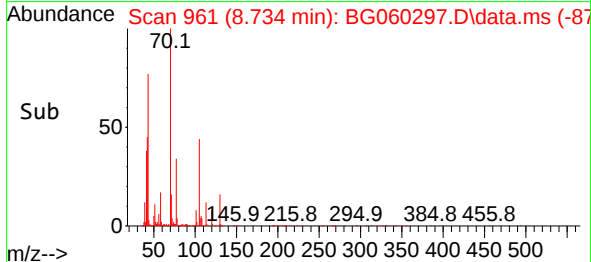
Instrument :  
BNA\_G  
ClientSampleId :  
SP-A-COMP(0-8)MS



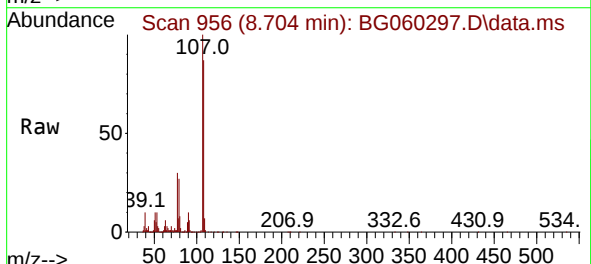
Tgt Ion: 70 Resp: 664680  
Ion Ratio Lower Upper  
70 100  
42 44.8 34.3 51.5  
101 7.6 6.2 9.2  
130 15.8 12.2 18.2

Manual Integrations  
APPROVED

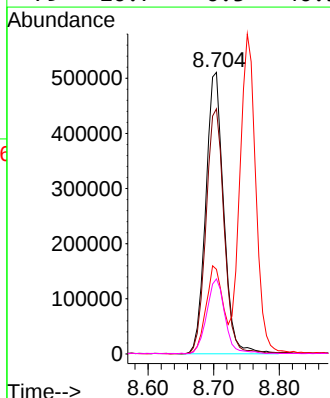
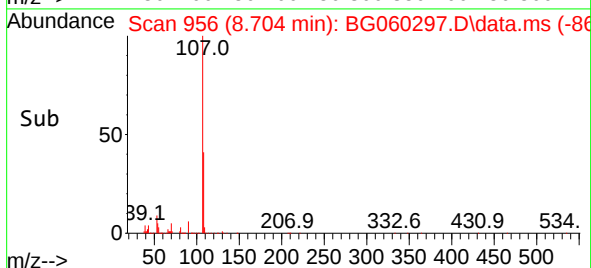
Reviewed By :Yogesh Patel 01/11/2024  
Supervised By :mohammad ahmed 01/12/2024

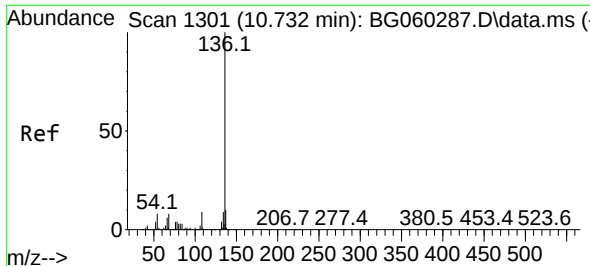


#20  
3+4-Methylphenols  
Concen: 48.307 ng  
RT: 8.704 min Scan# 956  
Delta R.T. 0.005 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15



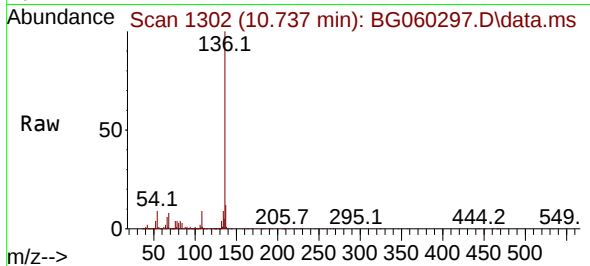
Tgt Ion:107 Resp: 969707  
Ion Ratio Lower Upper  
107 100  
108 87.0 72.5 112.5  
77 30.0 13.0 53.0  
79 26.7 6.3 46.3





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.737 min Scan# 1301  
Delta R.T. 0.005 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

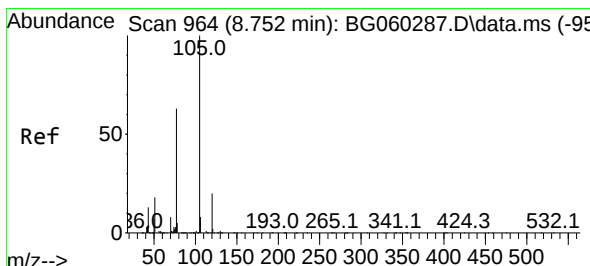
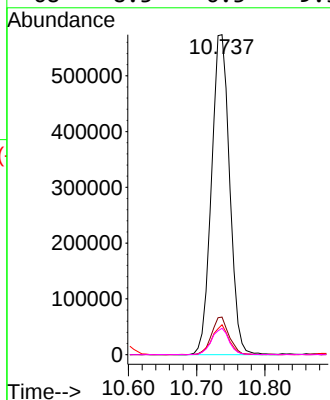
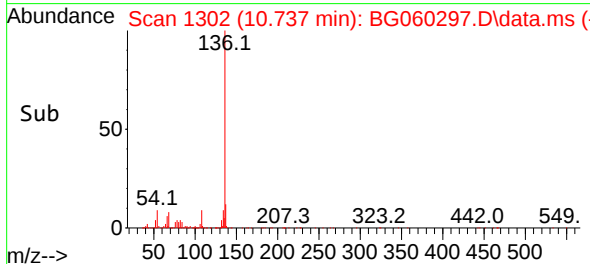
Instrument :  
BNA\_G  
ClientSampleId :  
SP-A-COMP(0-8)MS



Tgt Ion:136 Resp: 1061938  
Ion Ratio Lower Upper  
136 100  
137 11.8 8.2 12.4  
54 9.4 6.2 9.2  
68 8.3 6.3 9.5

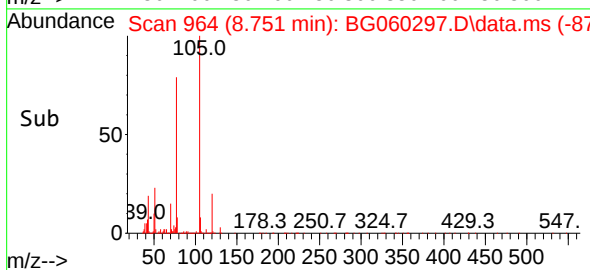
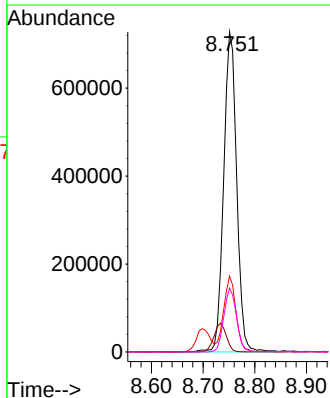
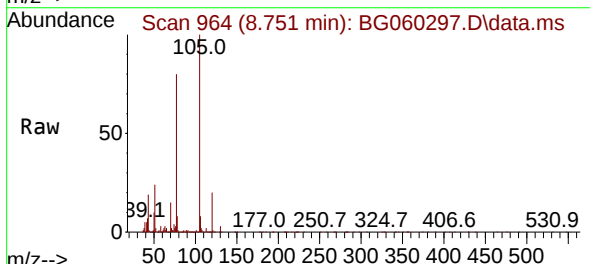
Manual Integrations  
APPROVED

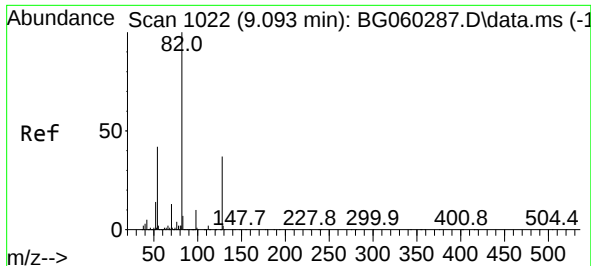
Reviewed By :Yogesh Patel 01/11/2024  
Supervised By :mohammad ahmed 01/12/2024



#22  
Acetophenone  
Concen: 43.649 ng  
RT: 8.751 min Scan# 964  
Delta R.T. -0.001 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

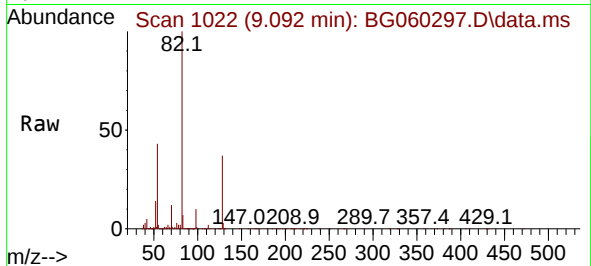
Tgt Ion:105 Resp: 1274154  
Ion Ratio Lower Upper  
105 100  
71 2.3 1.7 2.5  
51 23.7 18.2 27.2  
120 20.0 15.5 23.3





#23  
Nitrobenzene-d5  
Concen: 56.380 ng  
RT: 9.092 min Scan# 1022  
Delta R.T. -0.001 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

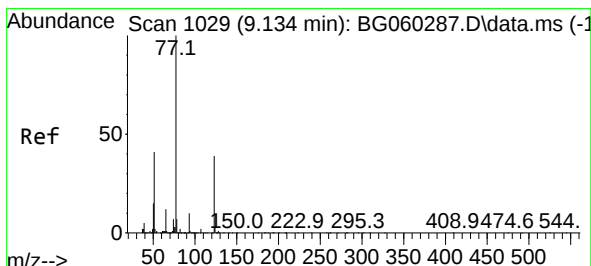
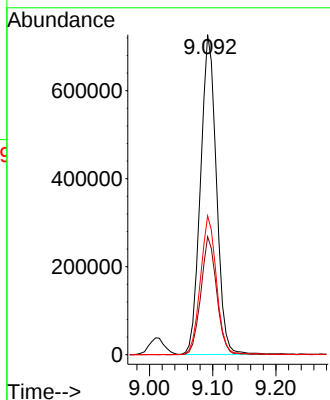
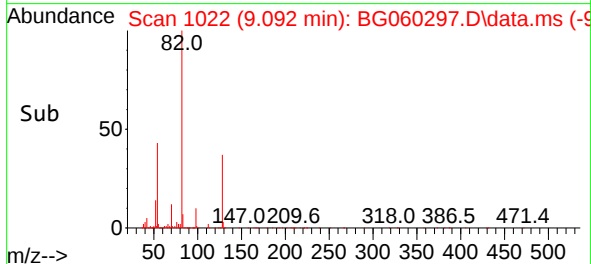
Instrument :  
BNA\_G  
ClientSampleId :  
SP-A-COMP(0-8)MS



Tgt Ion: 82 Resp: 1267930  
Ion Ratio Lower Upper  
82 100  
128 36.9 29.6 44.4  
54 43.4 33.6 50.4

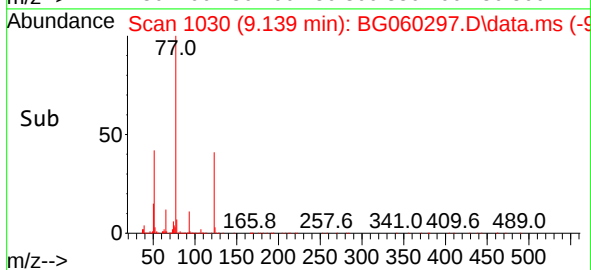
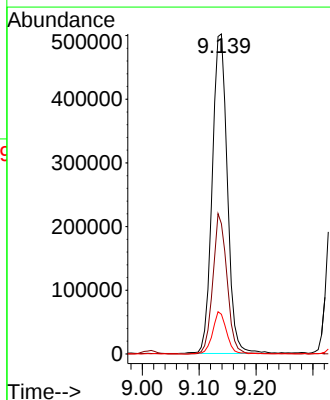
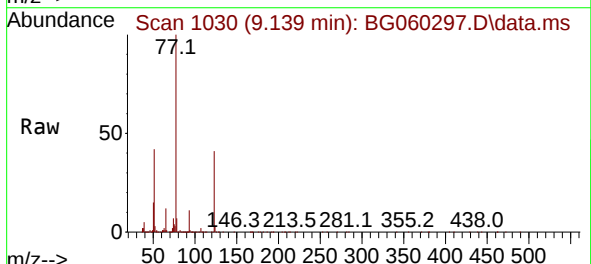
Manual Integrations  
APPROVED

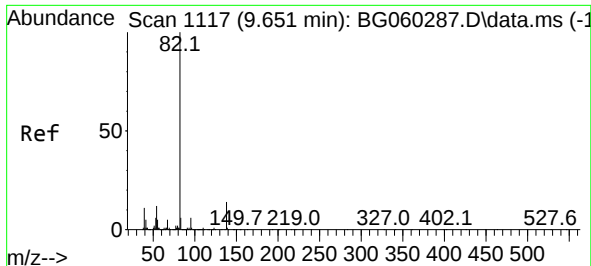
Reviewed By :Yogesh Patel 01/11/2024  
Supervised By :mohammad ahmed 01/12/2024



#24  
Nitrobenzene  
Concen: 39.699 ng  
RT: 9.139 min Scan# 1030  
Delta R.T. 0.005 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

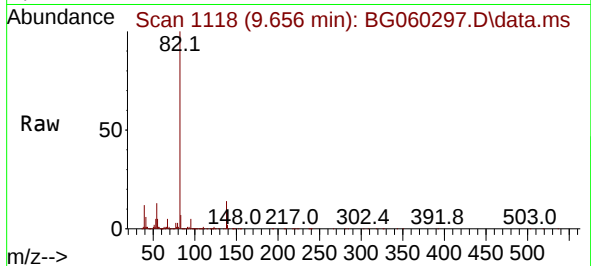
Tgt Ion: 77 Resp: 925515  
Ion Ratio Lower Upper  
77 100  
123 40.7 31.4 47.0  
65 12.4 9.6 14.4





#25  
Isophorone  
Concen: 43.750 ng  
RT: 9.656 min Scan# 1118  
Delta R.T. 0.005 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

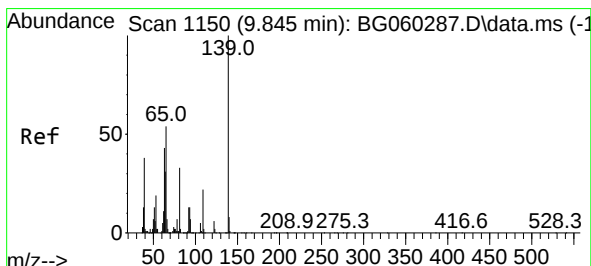
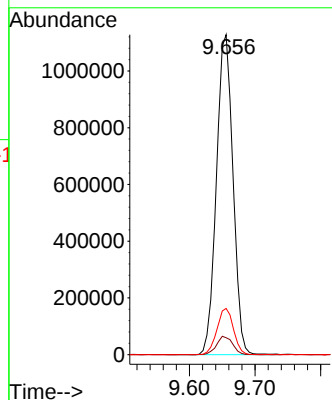
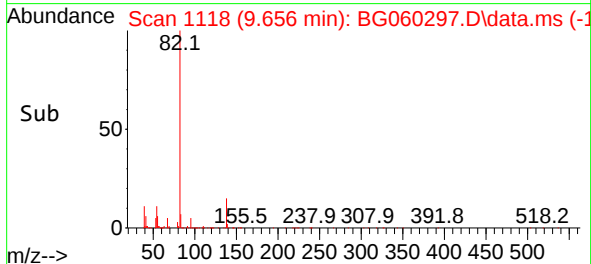
Instrument :  
BNA\_G  
ClientSampleId :  
SP-A-COMP(0-8)MS



Tgt Ion: 82 Resp: 197589  
Ion Ratio Lower Upper  
82 100  
95 5.3 4.7 7.1  
138 14.5 11.1 16.7

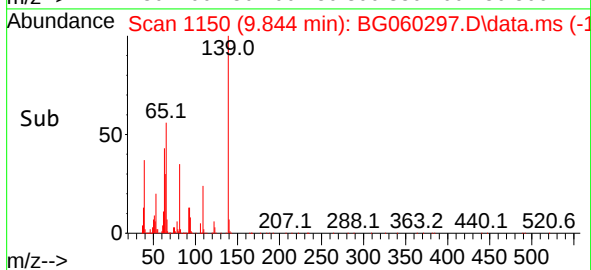
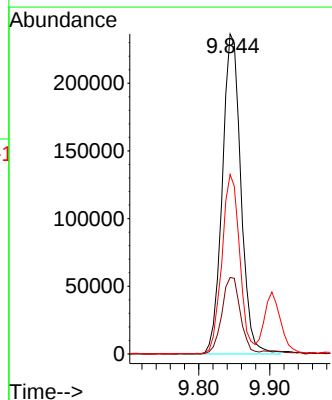
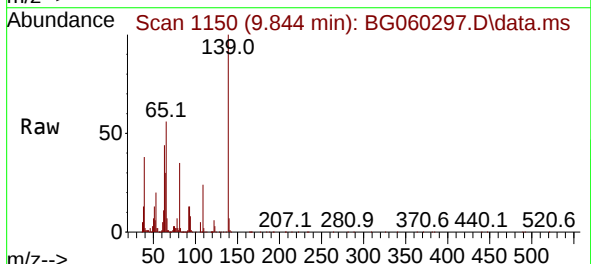
Manual Integrations  
APPROVED

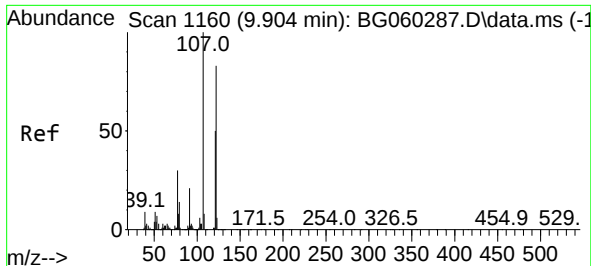
Reviewed By :Yogesh Patel 01/11/2024  
Supervised By :mohammad ahmed 01/12/2024



#26  
2-Nitrophenol  
Concen: 49.927 ng  
RT: 9.844 min Scan# 1150  
Delta R.T. -0.001 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

Tgt Ion:139 Resp: 427961  
Ion Ratio Lower Upper  
139 100  
109 23.9 17.6 26.4  
65 56.1 43.6 65.4





#27

2,4-Dimethylphenol

Concen: 60.650 ng

RT: 9.903 min Scan# 1160

Delta R.T. -0.001 min

Lab File: BG060297.D

Acq: 10 Jan 2024 12:15

Instrument :

BNA\_G

ClientSampleId :

SP-A-COMP(0-8)MS

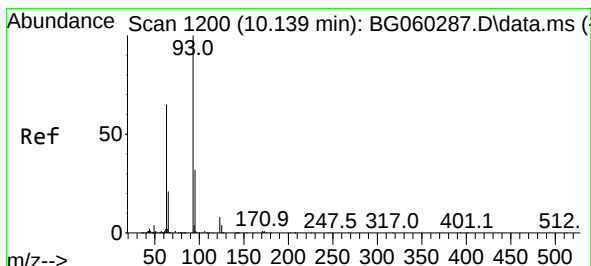
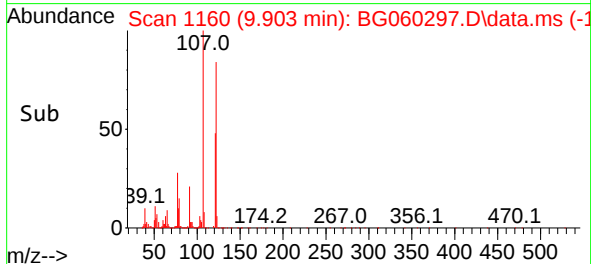
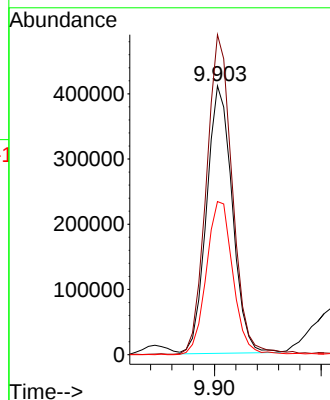
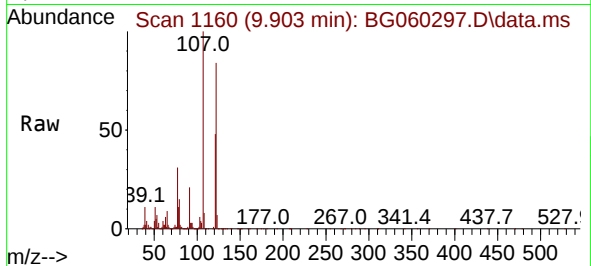
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 122   | Resp: | 68694 |
| Ion      | Ratio | Lower | Upper |
| 122      | 100   |       |       |
| 107      | 119.1 | 95.4  | 143.0 |
| 121      | 56.9  | 47.7  | 71.5  |

Manual Integrations

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Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#28

bis(2-Chloroethoxy)methane

Concen: 45.712 ng

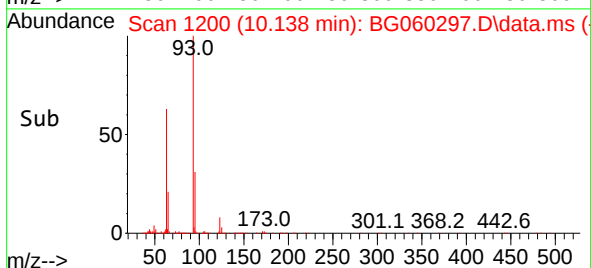
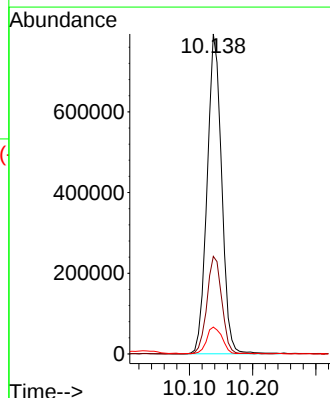
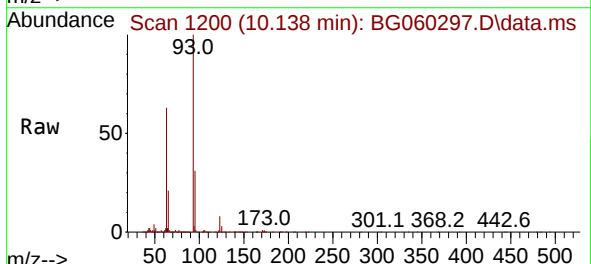
RT: 10.138 min Scan# 1200

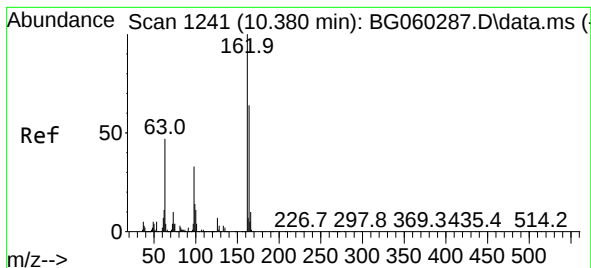
Delta R.T. -0.001 min

Lab File: BG060297.D

Acq: 10 Jan 2024 12:15

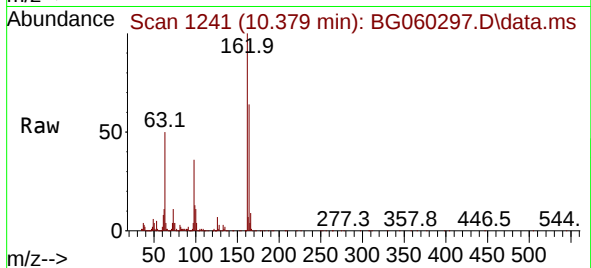
|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 93    | Resp: | 1261424 |
| Ion      | Ratio | Lower | Upper   |
| 93       | 100   |       |         |
| 95       | 30.5  | 25.4  | 38.0    |
| 123      | 8.4   | 6.7   | 10.1    |





#29  
2,4-Dichlorophenol  
Concen: 50.955 ng  
RT: 10.379 min Scan# 1241  
Delta R.T. -0.001 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

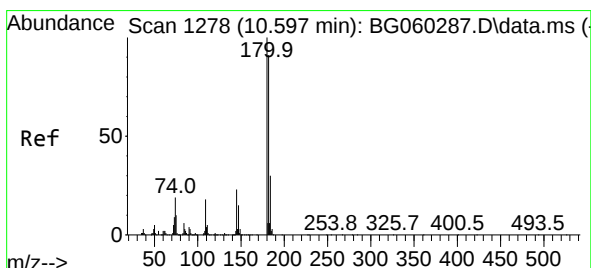
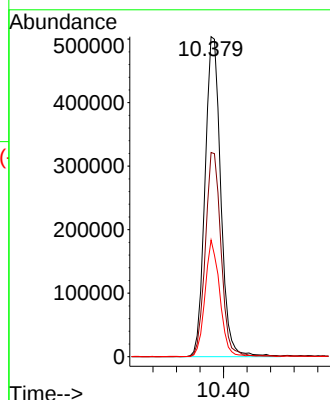
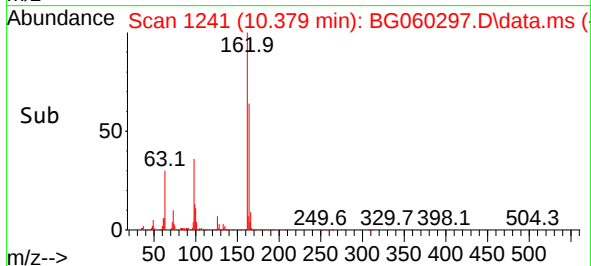
Instrument :  
BNA\_G  
ClientSampleId :  
SP-A-COMP(0-8)MS



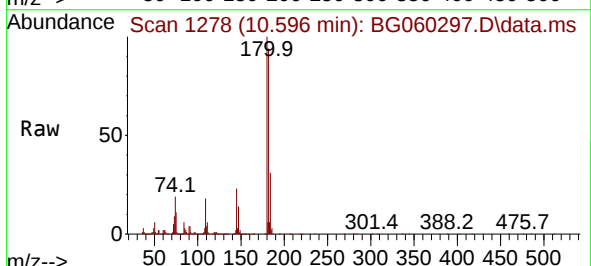
Tgt Ion:162 Resp: 93526  
Ion Ratio Lower Upper  
162 100  
164 63.8 44.3 84.3  
98 36.5 13.4 53.4

Manual Integrations  
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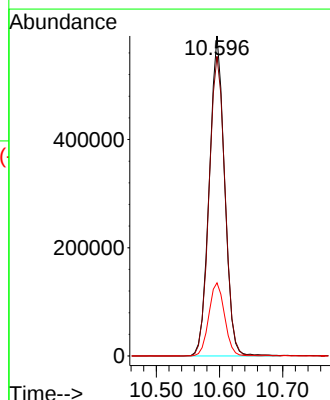
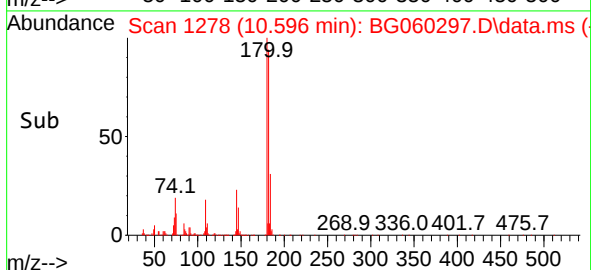
Reviewed By :Yogesh Patel 01/11/2024  
Supervised By :mohammad ahmed 01/12/2024

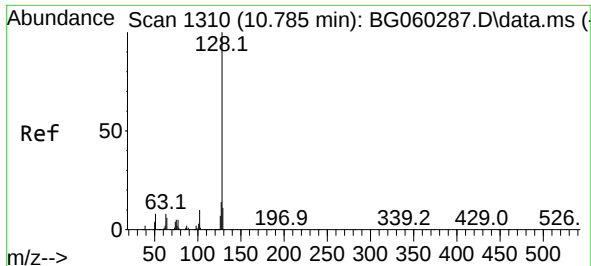


#30  
1,2,4-Trichlorobenzene  
Concen: 43.517 ng  
RT: 10.596 min Scan# 1278  
Delta R.T. -0.001 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15



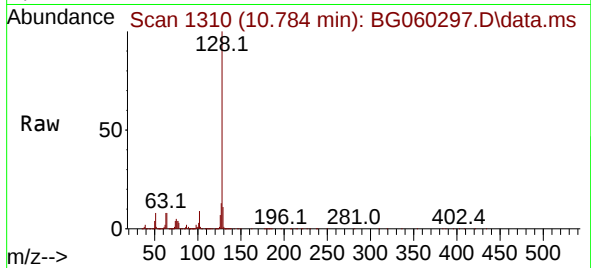
Tgt Ion:180 Resp: 993695  
Ion Ratio Lower Upper  
180 100  
182 93.6 72.7 109.1  
145 22.9 18.2 27.2





#31  
Naphthalene  
Concen: 43.611 ng  
RT: 10.784 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

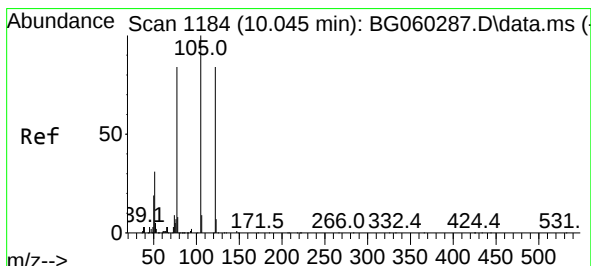
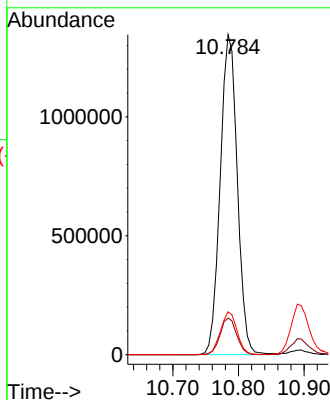
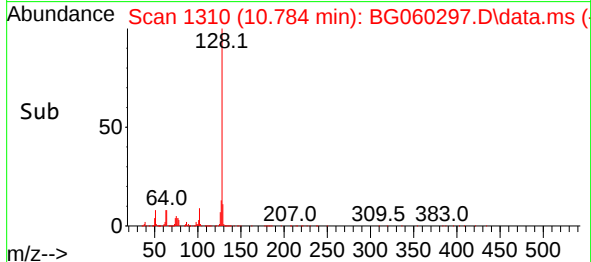
Instrument :  
BNA\_G  
ClientSampleId :  
SP-A-COMP(0-8)MS



Tgt Ion:128 Resp: 2427609  
Ion Ratio Lower Upper  
128 100  
129 11.4 8.9 13.3  
127 13.4 10.9 16.3

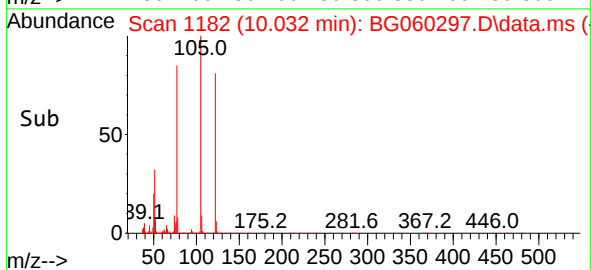
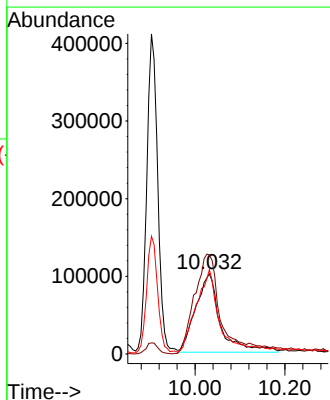
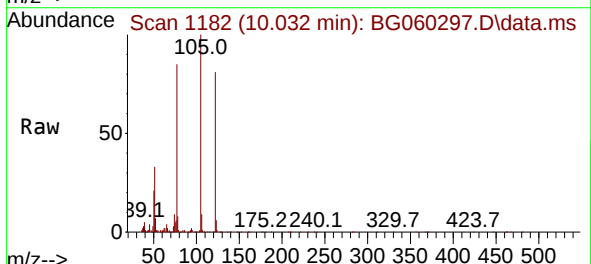
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 01/11/2024  
Supervised By :mohammad ahmed 01/12/2024



#32  
Benzoic acid  
Concen: 40.606 ng m  
RT: 10.032 min Scan# 1182  
Delta R.T. -0.013 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

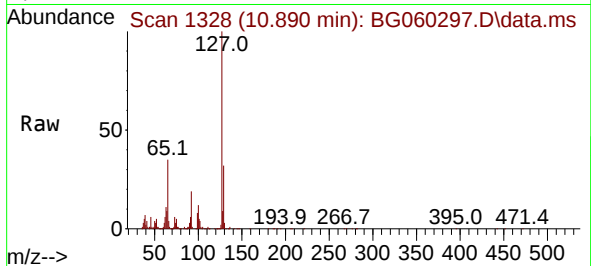
Tgt Ion:122 Resp: 386199  
Ion Ratio Lower Upper  
122 100  
105 123.6 96.0 136.0  
77 105.2 80.1 120.1





#33  
4-Chloroaniline  
Concen: 19.292 ng  
RT: 10.890 min Scan# 1328  
Delta R.T. -0.001 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

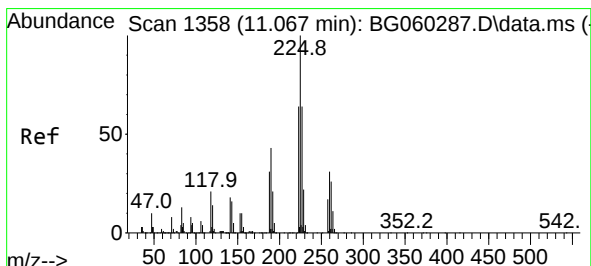
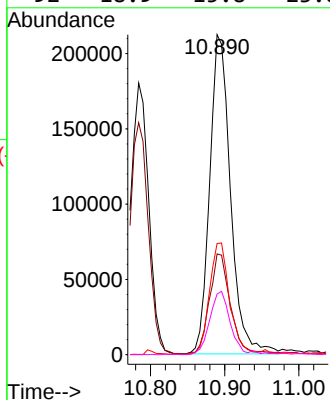
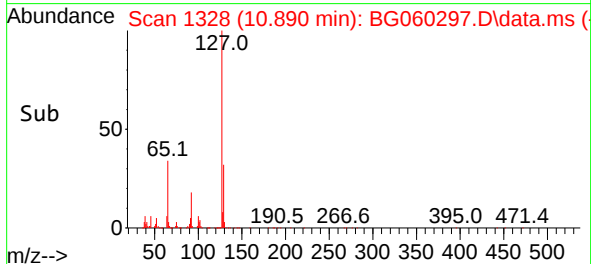
Instrument :  
BNA\_G  
ClientSampleId :  
SP-A-COMP(0-8)MS



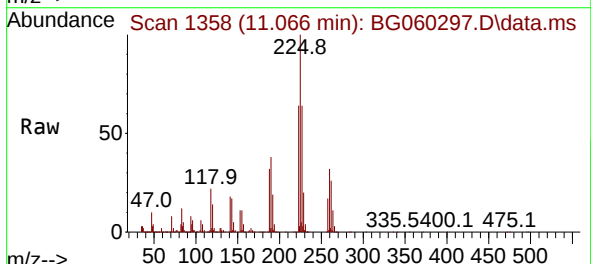
Tgt Ion:127 Resp: 41379  
Ion Ratio Lower Upper  
127 100  
129 31.5 25.5 38.3  
65 34.8 27.5 41.3  
92 18.9 15.8 23.8

Manual Integrations  
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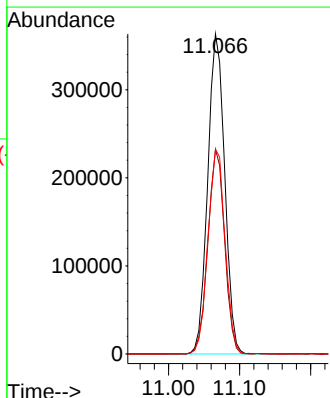
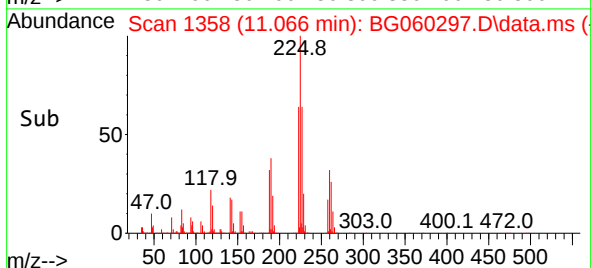
Reviewed By :Yogesh Patel 01/11/2024  
Supervised By :mohammad ahmed 01/12/2024

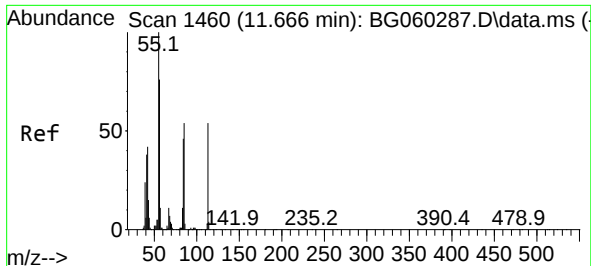


#34  
Hexachlorobutadiene  
Concen: 40.591 ng  
RT: 11.066 min Scan# 1358  
Delta R.T. -0.001 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15



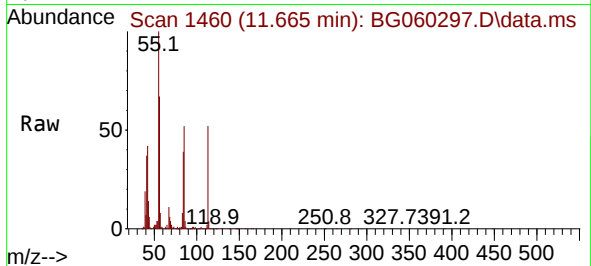
Tgt Ion:225 Resp: 603800  
Ion Ratio Lower Upper  
225 100  
223 64.0 48.7 73.1  
227 66.8 48.7 73.1





#35  
Caprolactam  
Concen: 45.417 ng m  
RT: 11.665 min Scan# 14  
Delta R.T. -0.001 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

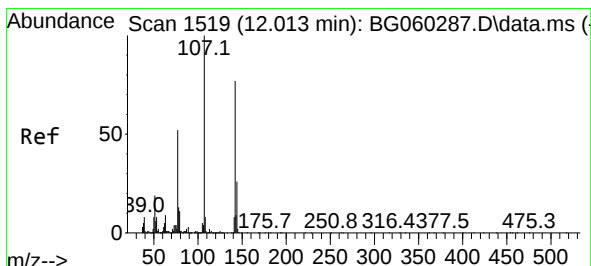
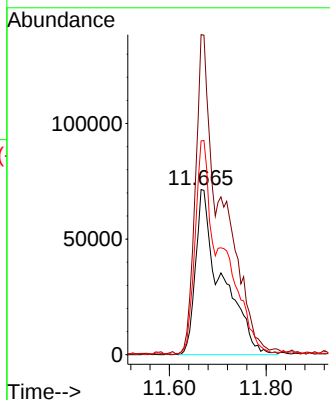
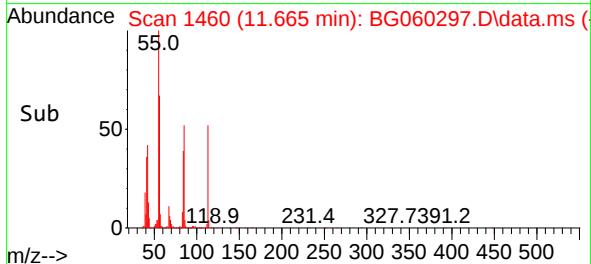
Instrument :  
BNA\_G  
ClientSampleId :  
SP-A-COMP(0-8)MS



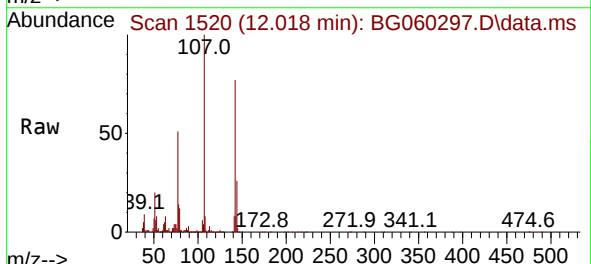
Tgt Ion:113 Resp: 26849  
Ion Ratio Lower Upper  
113 100  
55 193.8 166.4 206.4  
56 129.4 121.0 161.0

Manual Integrations  
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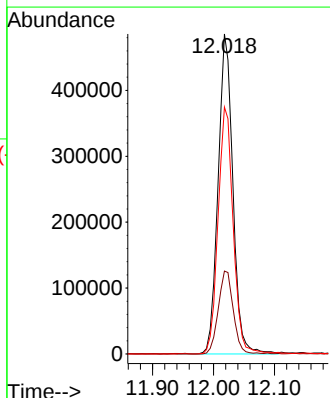
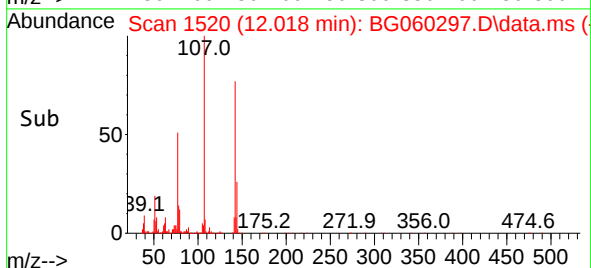
Reviewed By :Yogesh Patel 01/11/2024  
Supervised By :mohammad ahmed 01/12/2024

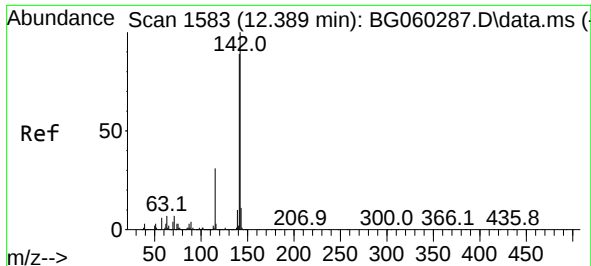


#36  
4-Chloro-3-methylphenol  
Concen: 43.881 ng  
RT: 12.018 min Scan# 1520  
Delta R.T. 0.005 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15



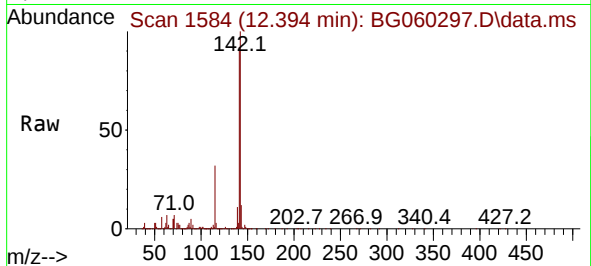
Tgt Ion:107 Resp: 818215  
Ion Ratio Lower Upper  
107 100  
144 25.9 20.6 31.0  
142 77.1 61.5 92.3





#37  
2-Methylnaphthalene  
Concen: 38.700 ng  
RT: 12.394 min Scan# 1584  
Delta R.T. 0.005 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

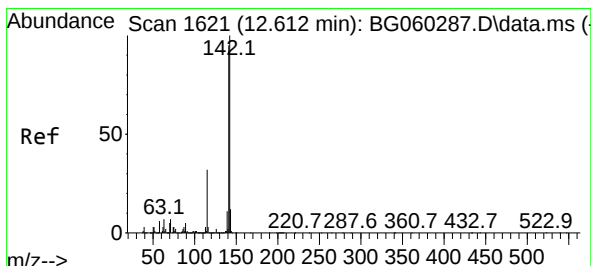
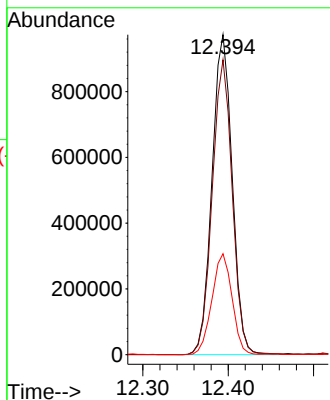
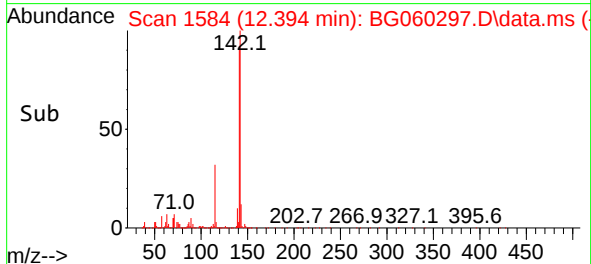
Instrument :  
BNA\_G  
ClientSampleId :  
SP-A-COMP(0-8)MS



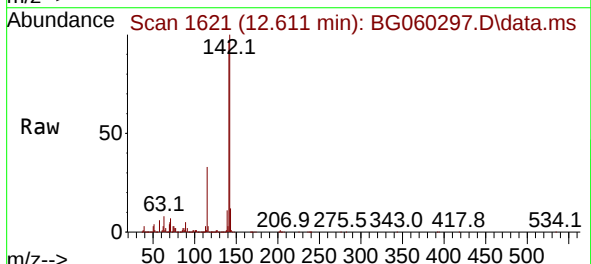
Tgt Ion:142 Resp: 1597740  
Ion Ratio Lower Upper  
142 100  
141 92.1 71.0 106.4  
115 31.6 24.7 37.1

Manual Integrations  
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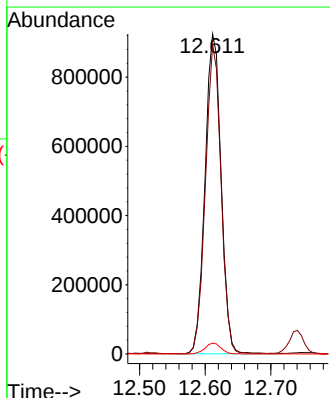
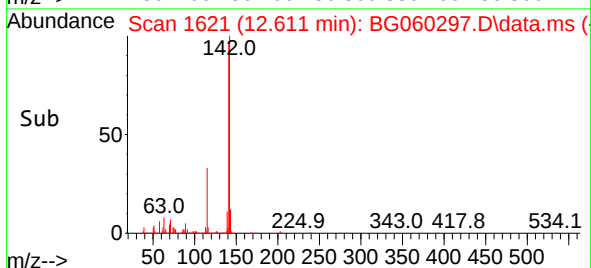
Reviewed By :Yogesh Patel 01/11/2024  
Supervised By :mohammad ahmed 01/12/2024

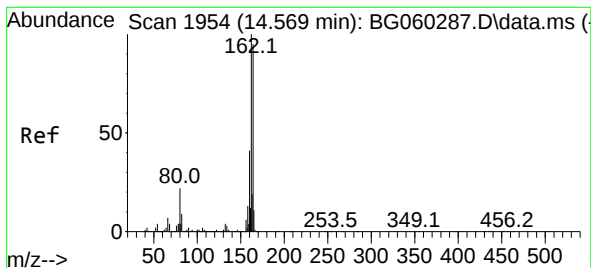


#38  
1-Methylnaphthalene  
Concen: 37.937 ng  
RT: 12.611 min Scan# 1621  
Delta R.T. -0.001 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15



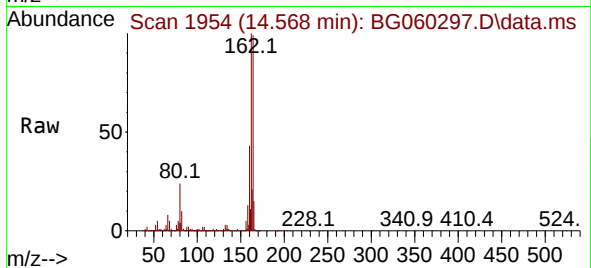
Tgt Ion:142 Resp: 1572756  
Ion Ratio Lower Upper  
142 100  
141 96.7 76.2 114.2  
116 3.4 2.6 3.8





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.568 min Scan# 1954  
Delta R.T. -0.001 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

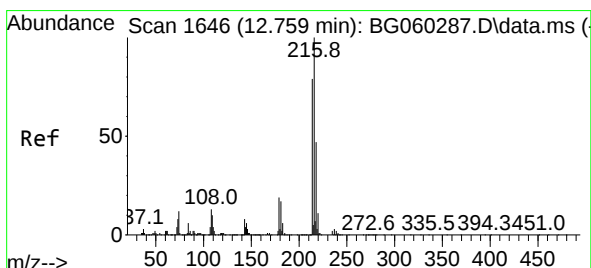
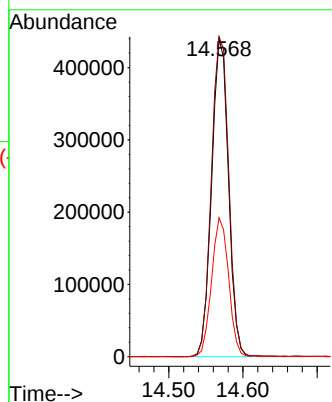
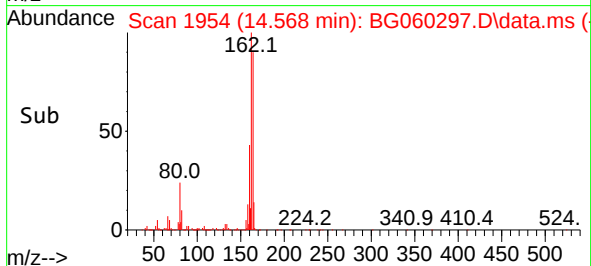
Instrument :  
BNA\_G  
ClientSampleId :  
SP-A-COMP(0-8)MS



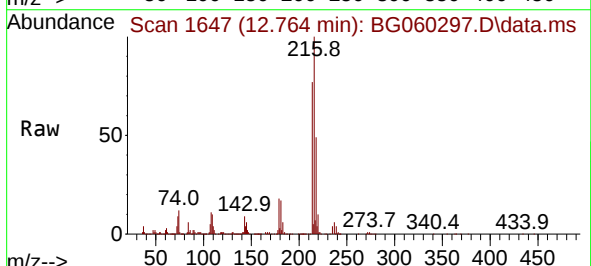
Tgt Ion:164 Resp: 693059  
Ion Ratio Lower Upper  
164 100  
162 100.6 84.4 126.6  
160 43.7 34.6 52.0

Manual Integrations  
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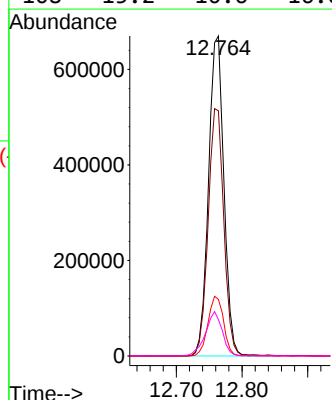
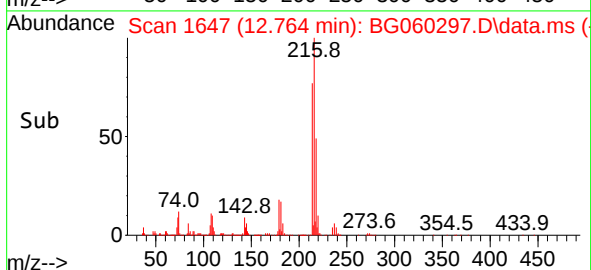
Reviewed By :Yogesh Patel 01/11/2024  
Supervised By :mohammad ahmed 01/12/2024

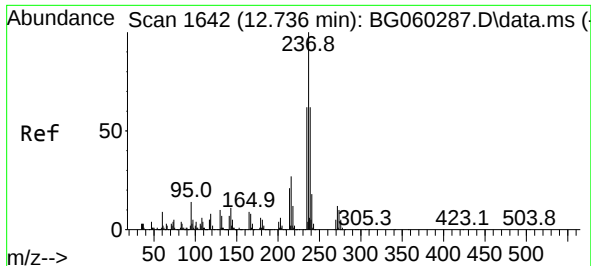


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 44.418 ng  
RT: 12.764 min Scan# 1647  
Delta R.T. 0.005 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15



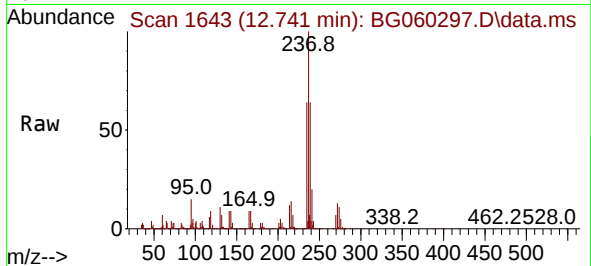
Tgt Ion:216 Resp: 1093314  
Ion Ratio Lower Upper  
216 100  
214 78.6 62.6 93.8  
179 18.9 14.8 22.2  
108 15.2 10.6 16.0





#41  
Hexachlorocyclopentadiene  
Concen: 143.431 ng  
RT: 12.741 min Scan# 1  
Delta R.T. 0.005 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

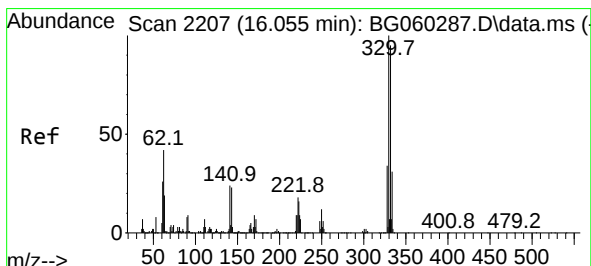
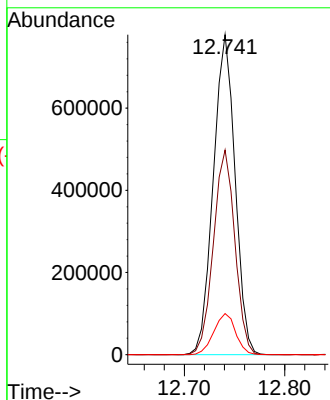
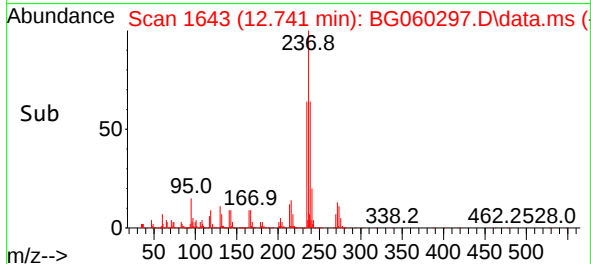
Instrument :  
BNA\_G  
ClientSampleId :  
SP-A-COMP(0-8)MS



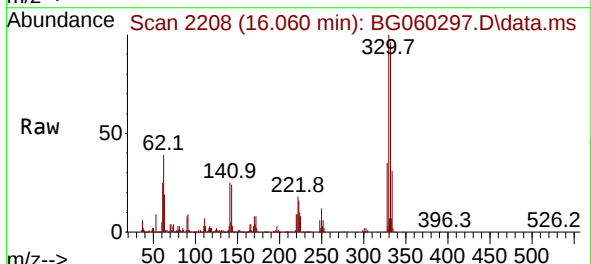
Tgt Ion:237 Resp: 117213  
Ion Ratio Lower Upper  
237 100  
235 63.9 41.6 81.6  
272 12.8 0.0 31.8

Manual Integrations  
APPROVED

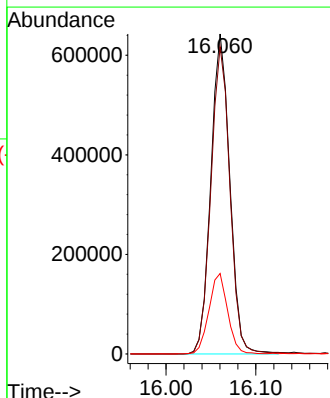
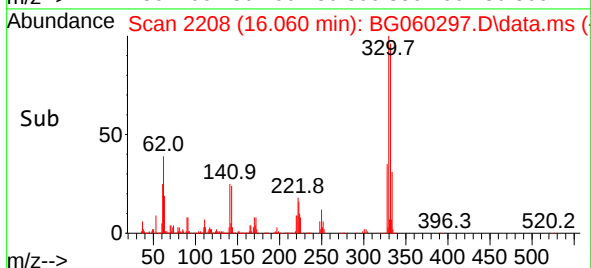
Reviewed By :Yogesh Patel 01/11/2024  
Supervised By :mohammad ahmed 01/12/2024

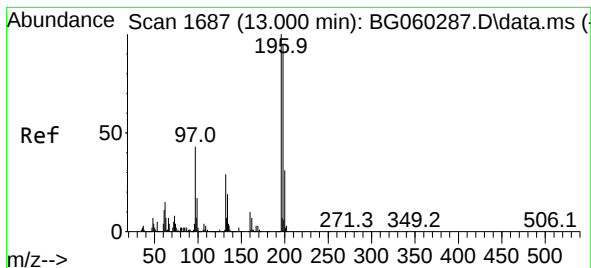


#42  
2,4,6-Tribromophenol  
Concen: 92.395 ng  
RT: 16.060 min Scan# 2208  
Delta R.T. 0.005 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15



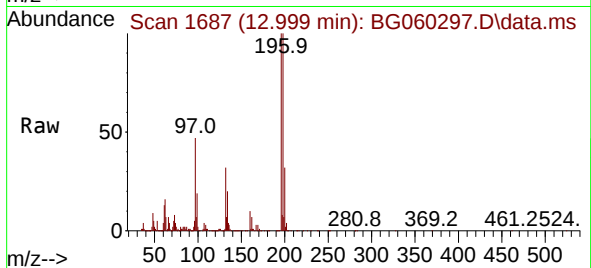
Tgt Ion:330 Resp: 942146  
Ion Ratio Lower Upper  
330 100  
332 96.6 76.7 115.1  
141 24.9 18.6 28.0





#43  
2,4,6-Trichlorophenol  
Concen: 47.588 ng  
RT: 12.999 min Scan# 1  
Delta R.T. -0.001 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

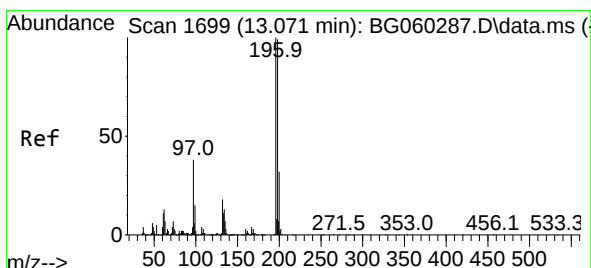
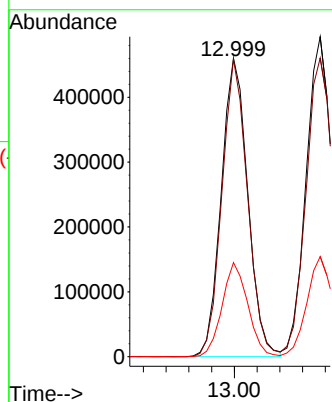
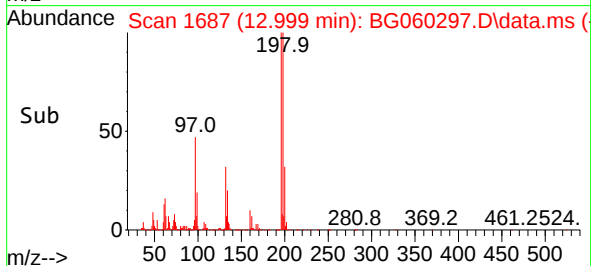
Instrument :  
BNA\_G  
ClientSampleId :  
SP-A-COMP(0-8)MS



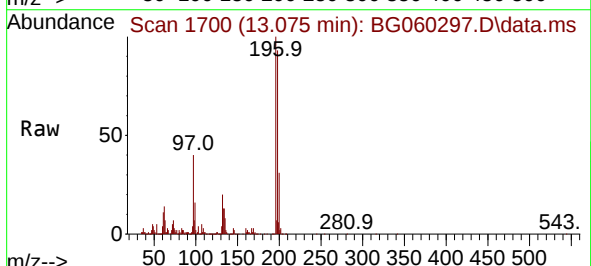
Tgt Ion:196 Resp: 745435  
Ion Ratio Lower Upper  
196 100  
198 99.6 75.7 113.5  
200 31.5 24.7 37.1

Manual Integrations  
APPROVED

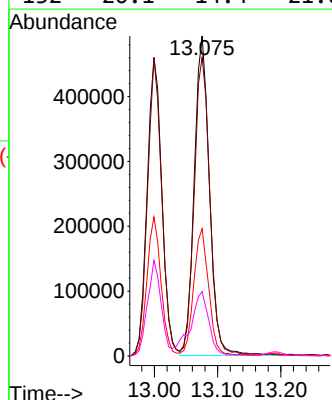
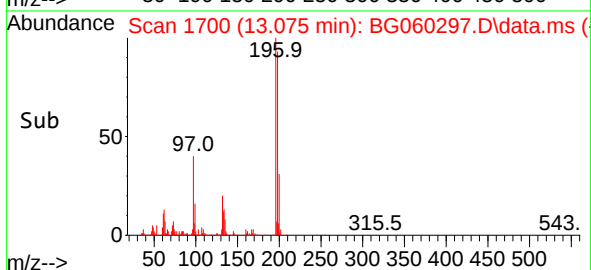
Reviewed By :Yogesh Patel 01/11/2024  
Supervised By :mohammad ahmed 01/12/2024

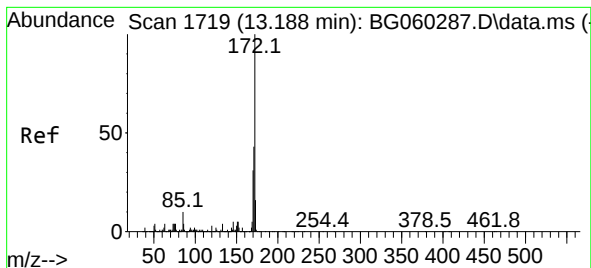


#44  
2,4,5-Trichlorophenol  
Concen: 47.719 ng  
RT: 13.075 min Scan# 1700  
Delta R.T. 0.005 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15



Tgt Ion:196 Resp: 824455  
Ion Ratio Lower Upper  
196 100  
198 93.3 78.6 118.0  
97 39.8 30.6 46.0  
132 20.1 14.4 21.6





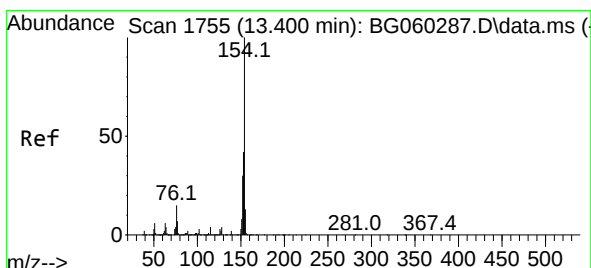
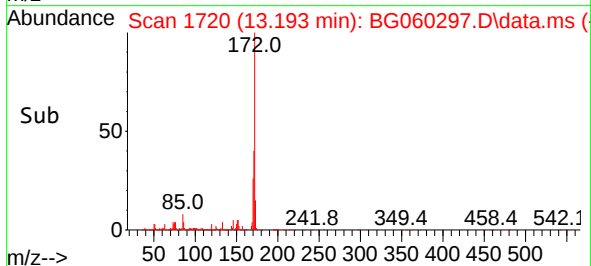
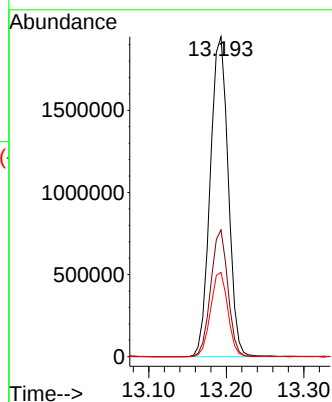
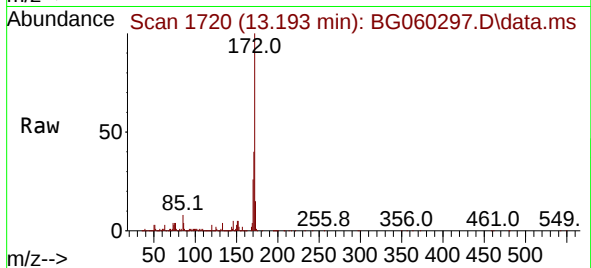
#45  
2-Fluorobiphenyl  
Concen: 62.998 ng  
RT: 13.193 min Scan# 1719  
Delta R.T. 0.005 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

Instrument :  
BNA\_G  
ClientSampleId :  
SP-A-COMP(0-8)MS

Tgt Ion:172 Resp: 3140385  
Ion Ratio Lower Upper  
172 100  
171 39.6 34.6 51.8  
170 26.4 24.4 36.6

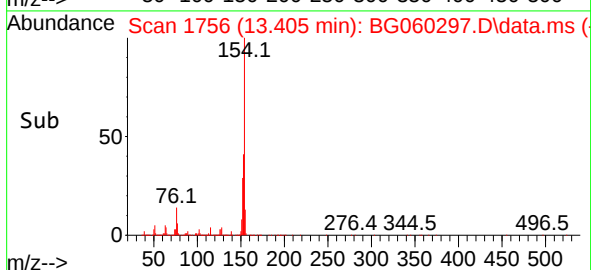
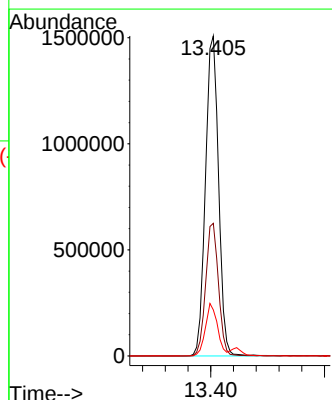
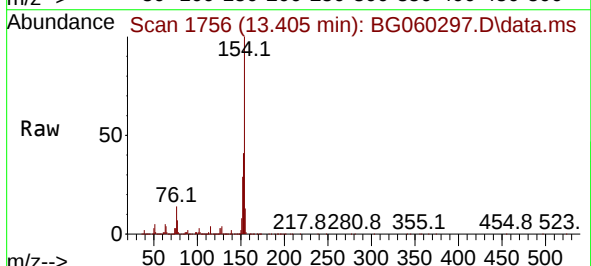
Manual Integrations  
APPROVED

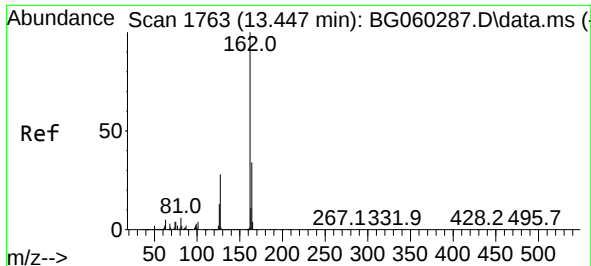
Reviewed By :Yogesh Patel 01/11/2024  
Supervised By :mohammad ahmed 01/12/2024



#46  
1,1'-Biphenyl  
Concen: 45.883 ng  
RT: 13.405 min Scan# 1756  
Delta R.T. 0.005 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

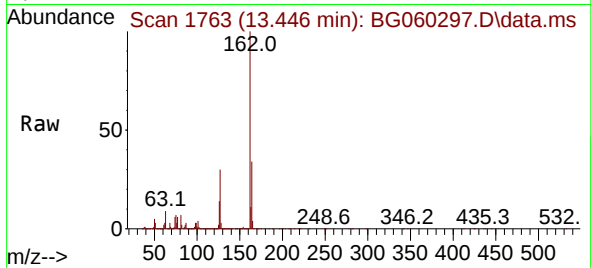
Tgt Ion:154 Resp: 2400358  
Ion Ratio Lower Upper  
154 100  
153 41.4 22.0 62.0  
76 14.4 0.0 35.2





#47  
2-Chloronaphthalene  
Concen: 43.426 ng  
RT: 13.446 min Scan# 1763  
Delta R.T. -0.001 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

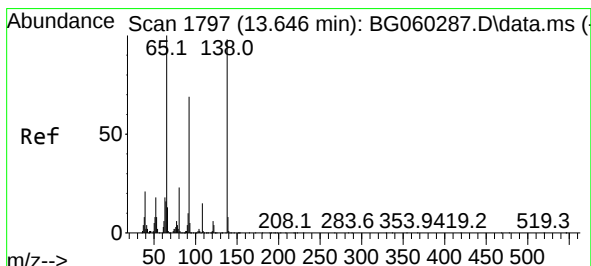
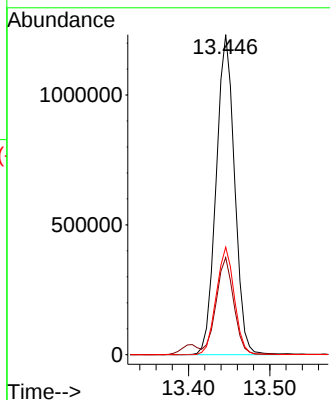
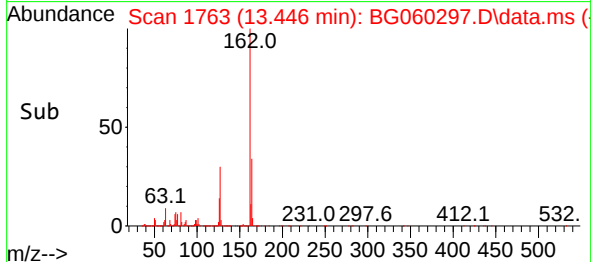
Instrument :  
BNA\_G  
ClientSampleId :  
SP-A-COMP(0-8)MS



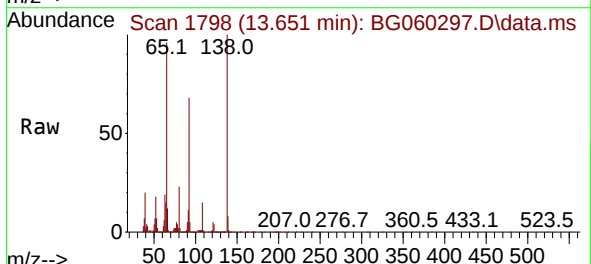
Tgt Ion:162 Resp: 1946238  
Ion Ratio Lower Upper  
162 100  
127 30.3 23.5 35.3  
164 33.6 26.9 40.3

Manual Integrations  
APPROVED

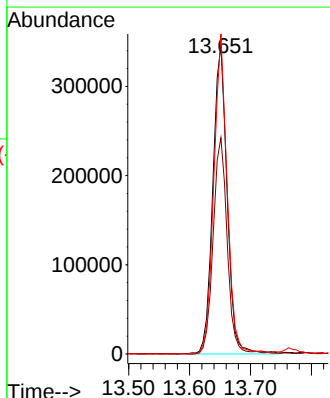
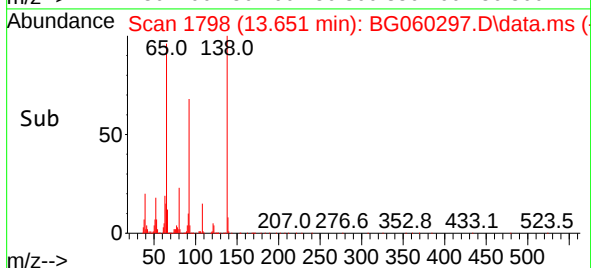
Reviewed By :Yogesh Patel 01/11/2024  
Supervised By :mohammad ahmed 01/12/2024

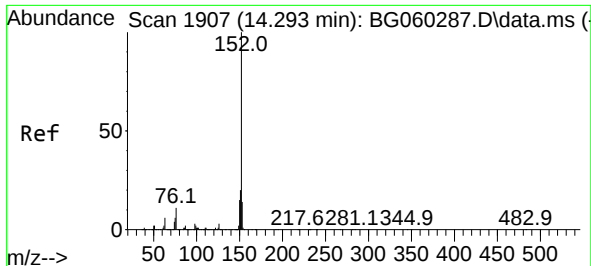


#48  
2-Nitroaniline  
Concen: 50.470 ng  
RT: 13.651 min Scan# 1798  
Delta R.T. 0.005 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15



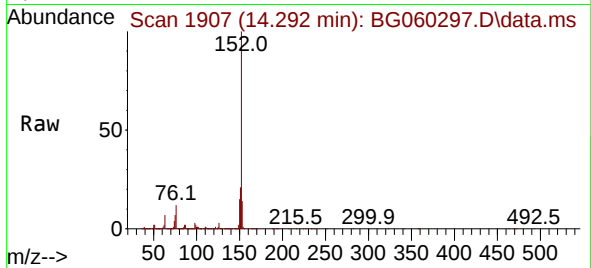
Tgt Ion: 65 Resp: 563304  
Ion Ratio Lower Upper  
65 100  
92 70.1 55.0 82.6  
138 103.7 78.1 117.1





#49  
Acenaphthylene  
Concen: 49.330 ng  
RT: 14.292 min Scan# 1907  
Delta R.T. -0.001 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

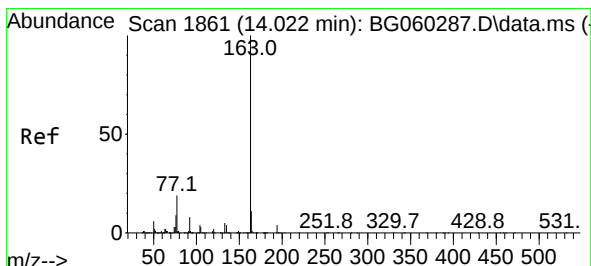
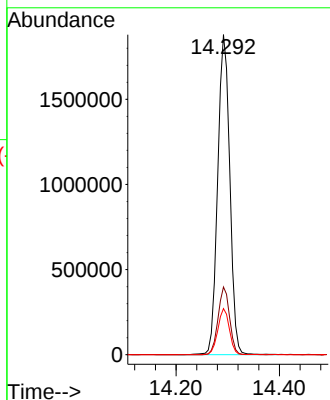
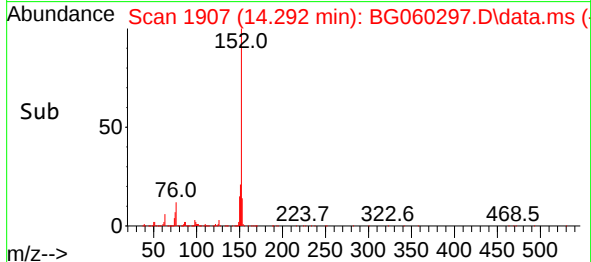
Instrument :  
BNA\_G  
ClientSampleId :  
SP-A-COMP(0-8)MS



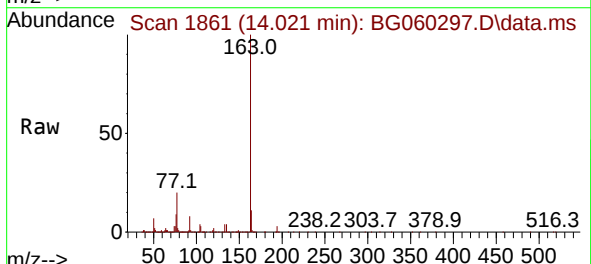
Tgt Ion:152 Resp: 304445  
Ion Ratio Lower Upper  
152 100  
151 21.2 16.1 24.1  
153 14.4 11.5 17.3

Manual Integrations  
APPROVED

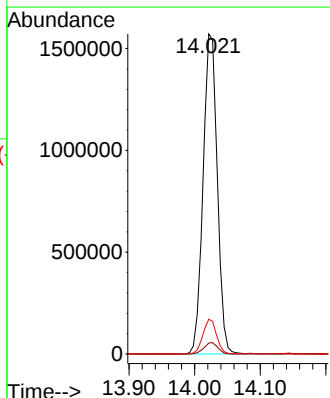
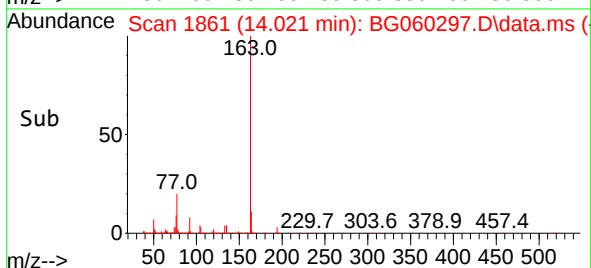
Reviewed By :Yogesh Patel 01/11/2024  
Supervised By :mohammad ahmed 01/12/2024

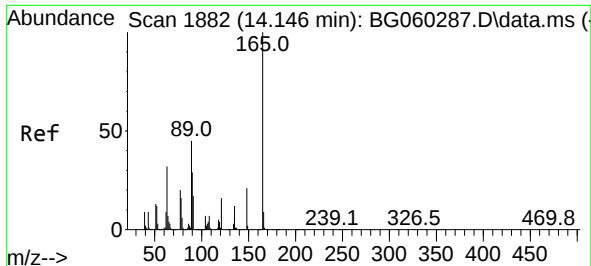


#50  
Dimethylphthalate  
Concen: 44.737 ng  
RT: 14.021 min Scan# 1861  
Delta R.T. -0.001 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15



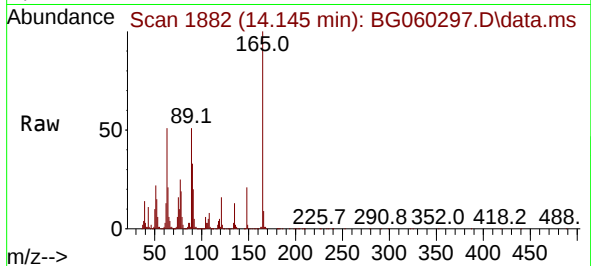
Tgt Ion:163 Resp: 2369372  
Ion Ratio Lower Upper  
163 100  
194 3.4 3.0 4.4  
164 10.9 8.8 13.2





#51  
2,6-Dinitrotoluene  
Concen: 45.941 ng  
RT: 14.145 min Scan# 1882  
Delta R.T. -0.001 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

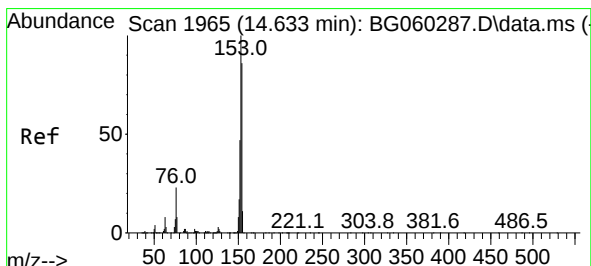
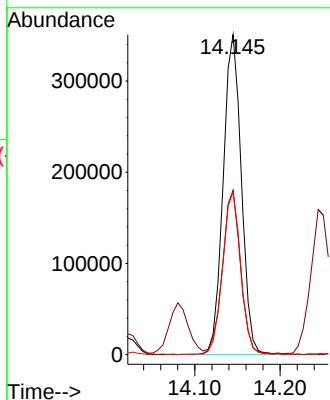
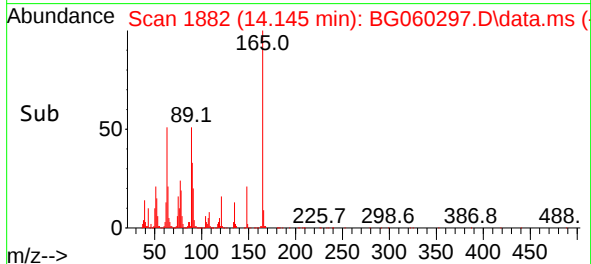
Instrument :  
BNA\_G  
ClientSampleId :  
SP-A-COMP(0-8)MS



Tgt Ion:165 Resp: 51918  
Ion Ratio Lower Upper  
165 100  
63 51.3 35.0 52.4  
89 50.9 36.2 54.2

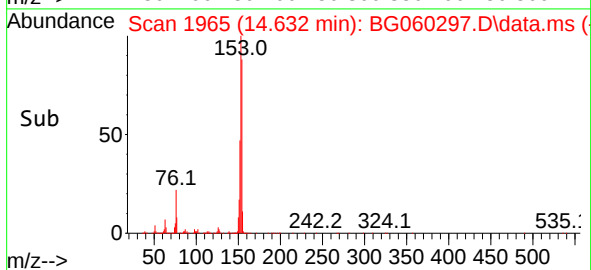
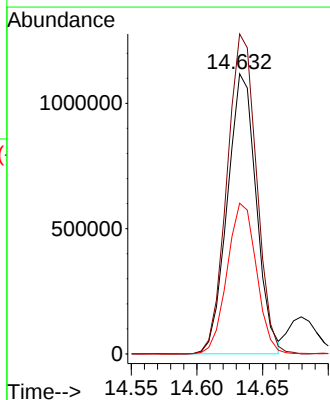
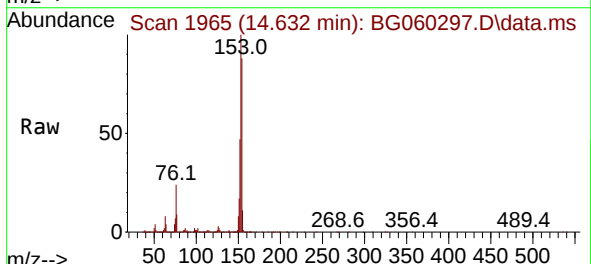
Manual Integrations  
APPROVED

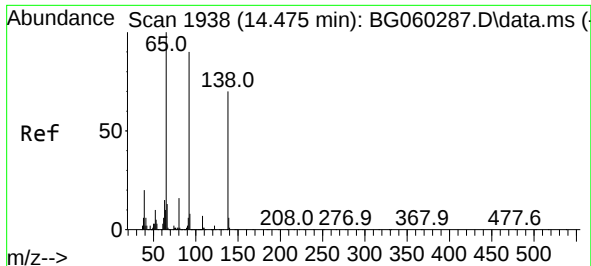
Reviewed By :Yogesh Patel 01/11/2024  
Supervised By :mohammad ahmed 01/12/2024



#52  
Acenaphthene  
Concen: 44.592 ng  
RT: 14.632 min Scan# 1965  
Delta R.T. -0.001 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

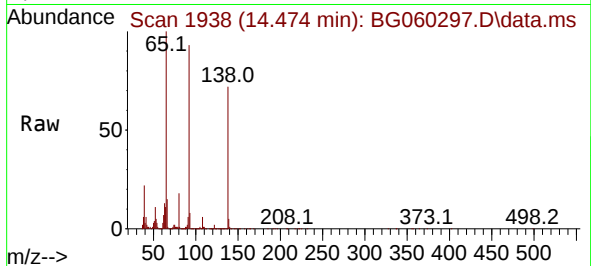
Tgt Ion:154 Resp: 1713649  
Ion Ratio Lower Upper  
154 100  
153 114.2 92.6 138.8  
152 53.8 43.8 65.8





#53  
3-Nitroaniline  
Concen: 24.898 ng  
RT: 14.474 min Scan# 1938  
Delta R.T. -0.001 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

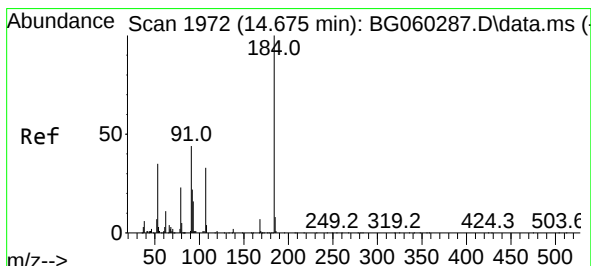
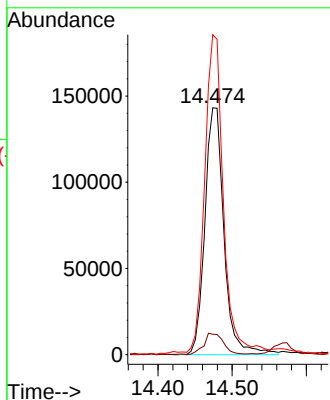
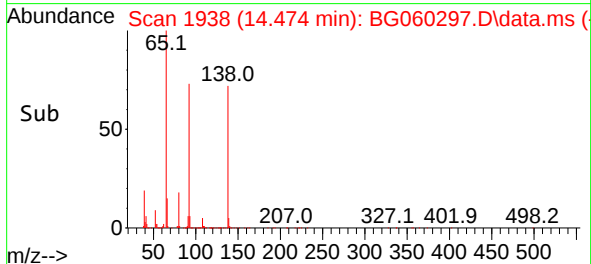
Instrument :  
BNA\_G  
ClientSampleId :  
SP-A-COMP(0-8)MS



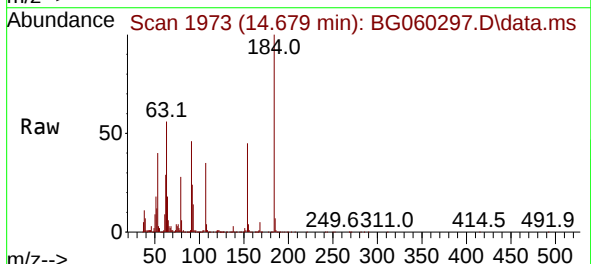
Tgt Ion:138 Resp: 256392  
Ion Ratio Lower Upper  
138 100  
108 8.3 7.8 11.8  
92 129.6 102.4 153.6

Manual Integrations  
APPROVED

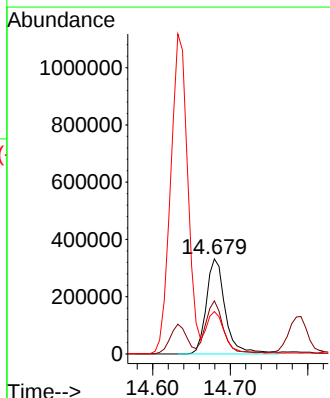
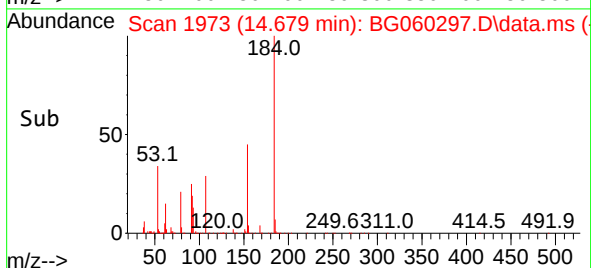
Reviewed By :Yogesh Patel 01/11/2024  
Supervised By :mohammad ahmed 01/12/2024

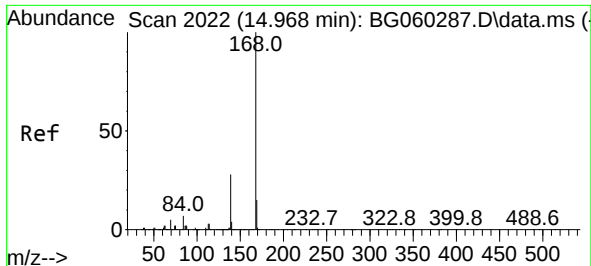


#54  
2,4-Dinitrophenol  
Concen: 82.053 ng  
RT: 14.679 min Scan# 1973  
Delta R.T. 0.004 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15



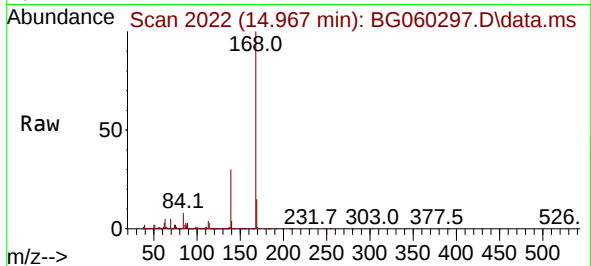
Tgt Ion:184 Resp: 563920  
Ion Ratio Lower Upper  
184 100  
63 56.0 41.0 61.4  
154 44.7 39.2 58.8





#55  
Dibenzenofuran  
Concen: 45.330 ng  
RT: 14.967 min Scan# 20  
Delta R.T. -0.001 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

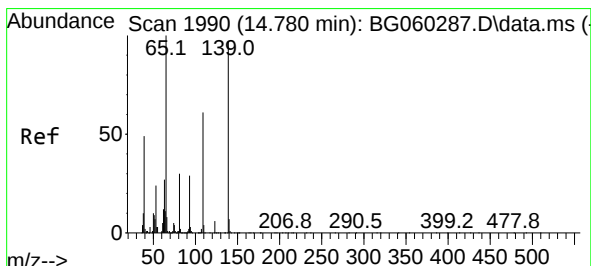
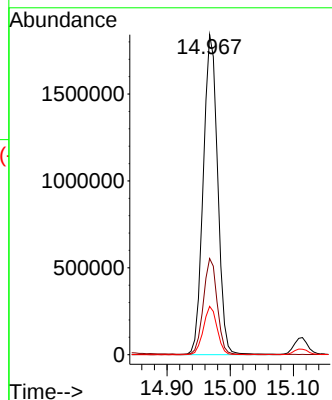
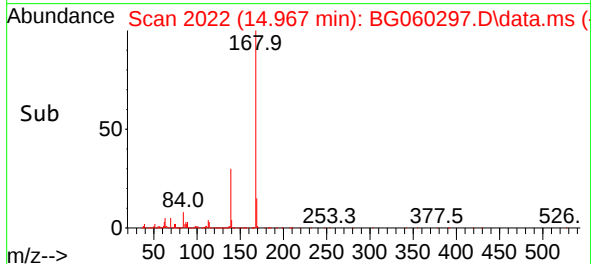
Instrument :  
BNA\_G  
ClientSampleId :  
SP-A-COMP(0-8)MS



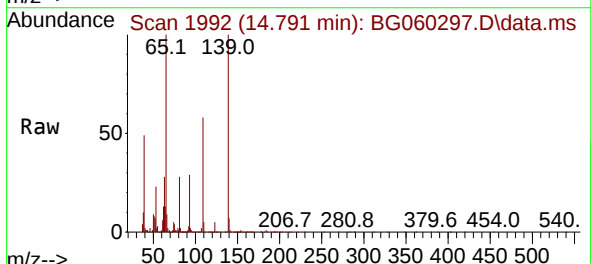
Tgt Ion:168 Resp: 290802  
Ion Ratio Lower Upper  
168 100  
139 30.1 22.6 34.0  
169 15.1 12.1 18.1

Manual Integrations  
APPROVED

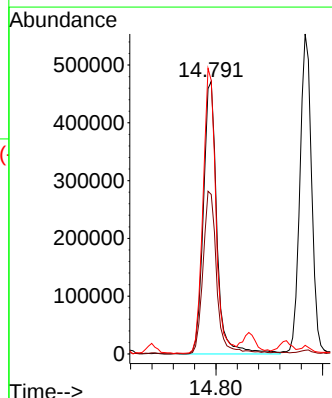
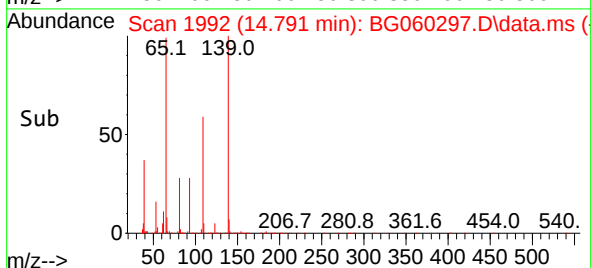
Reviewed By :Yogesh Patel 01/11/2024  
Supervised By :mohammad ahmed 01/12/2024

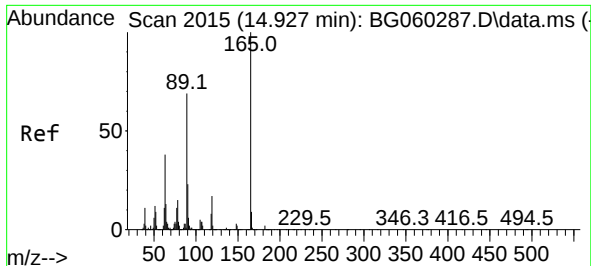


#56  
4-Nitrophenol  
Concen: 108.621 ng  
RT: 14.791 min Scan# 1992  
Delta R.T. 0.011 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15



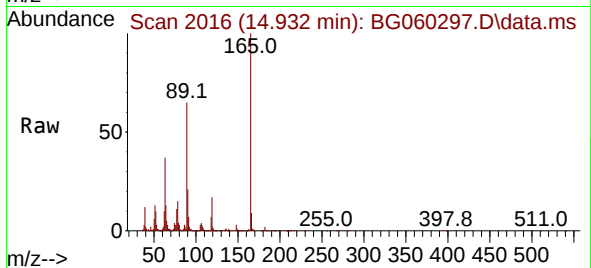
Tgt Ion:139 Resp: 829654  
Ion Ratio Lower Upper  
139 100  
109 58.6 42.2 82.2  
65 100.3 83.3 123.3





#57  
2,4-Dinitrotoluene  
Concen: 46.443 ng  
RT: 14.932 min Scan# 2016  
Delta R.T. 0.005 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

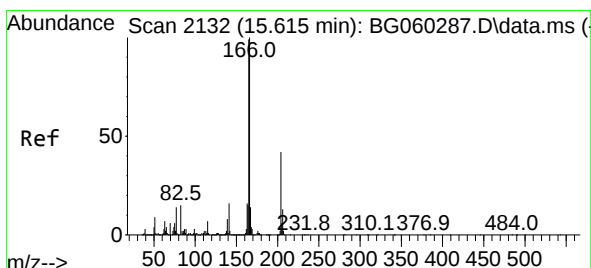
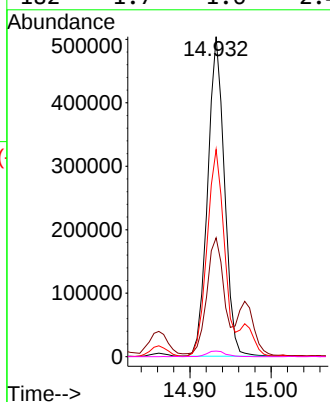
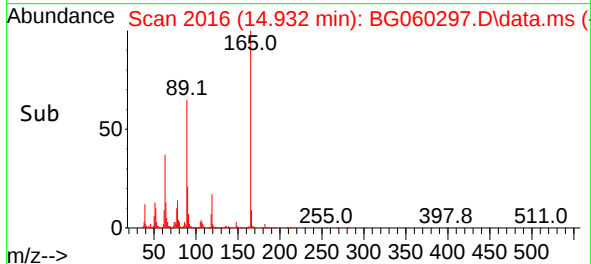
Instrument :  
BNA\_G  
ClientSampleId :  
SP-A-COMP(0-8)MS



Tgt Ion:165 Resp: 719730  
Ion Ratio Lower Upper  
165 100  
63 37.1 30.4 45.6  
89 64.8 55.4 83.0  
182 1.7 1.6 2.4

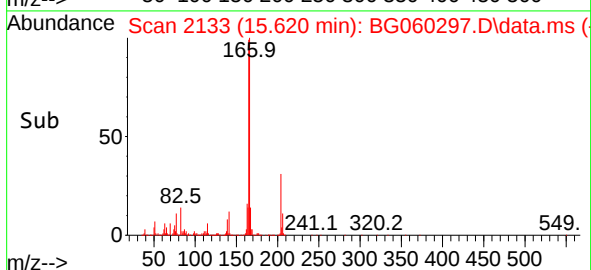
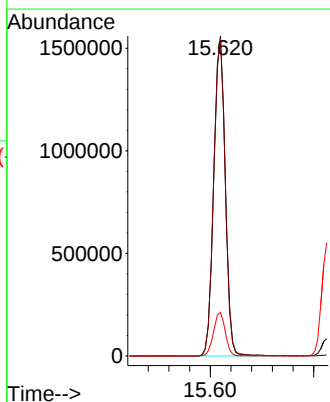
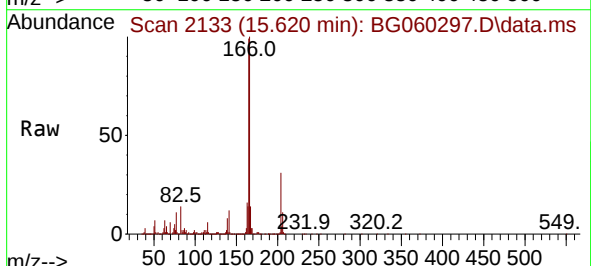
Manual Integrations  
APPROVED

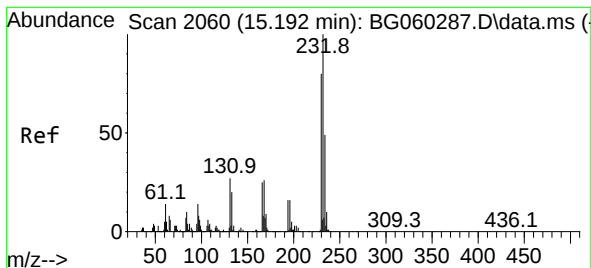
Reviewed By :Yogesh Patel 01/11/2024  
Supervised By :mohammad ahmed 01/12/2024



#58  
Fluorene  
Concen: 45.046 ng  
RT: 15.620 min Scan# 2133  
Delta R.T. 0.005 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

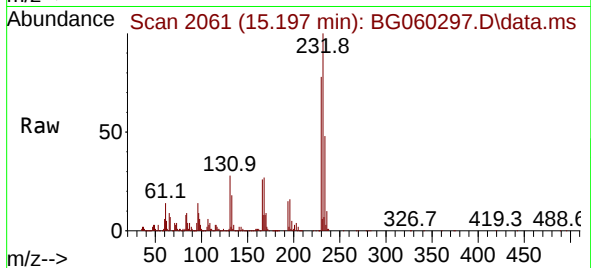
Tgt Ion:166 Resp: 2393109  
Ion Ratio Lower Upper  
166 100  
165 99.1 79.0 118.6  
167 13.6 11.4 17.0





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 49.061 ng  
RT: 15.197 min Scan# 2060  
Delta R.T. 0.005 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

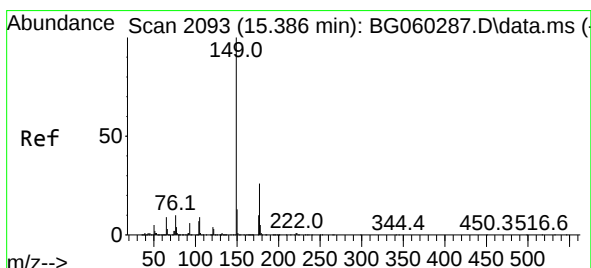
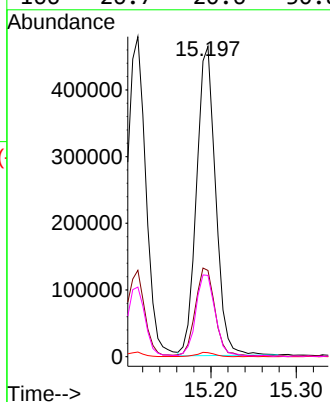
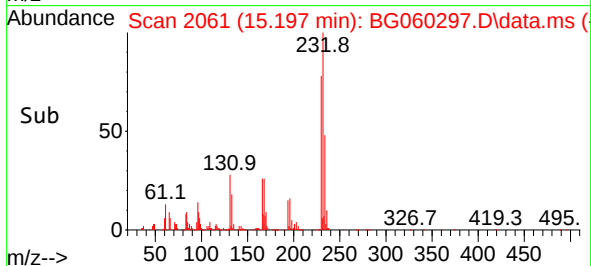
Instrument :  
BNA\_G  
ClientSampleId :  
SP-A-COMP(0-8)MS



Tgt Ion:232 Resp: 719790  
Ion Ratio Lower Upper  
232 100  
131 29.7 22.7 34.1  
130 1.3 1.1 1.7  
166 26.7 20.6 30.8

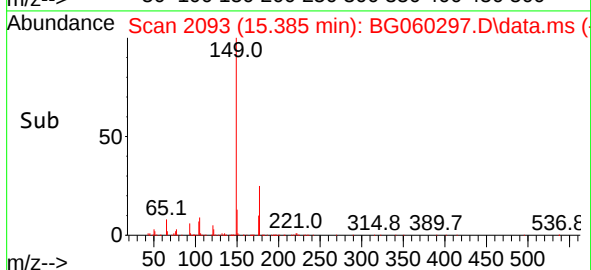
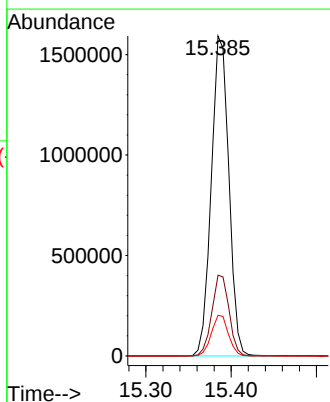
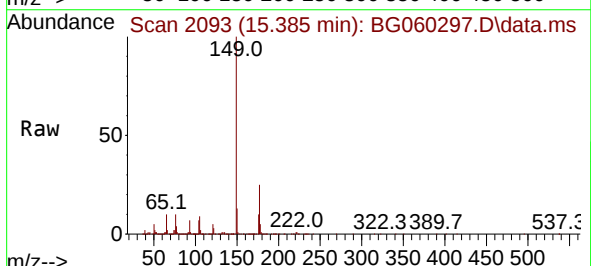
Manual Integrations  
APPROVED

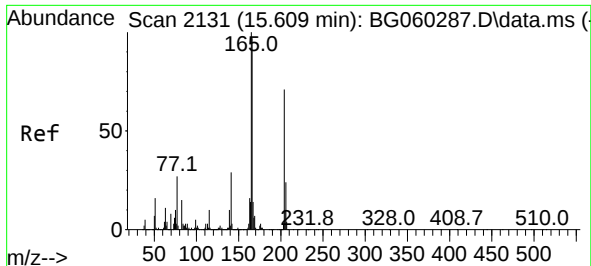
Reviewed By :Yogesh Patel 01/11/2024  
Supervised By :mohammad ahmed 01/12/2024



#60  
Diethylphthalate  
Concen: 44.806 ng  
RT: 15.385 min Scan# 2093  
Delta R.T. -0.001 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

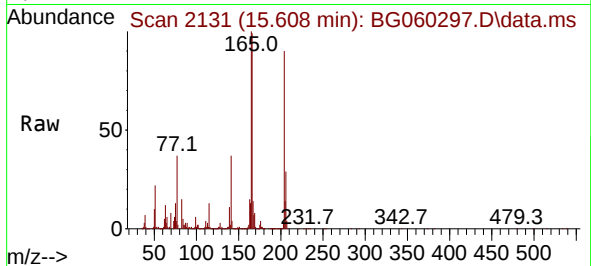
Tgt Ion:149 Resp: 2278175  
Ion Ratio Lower Upper  
149 100  
177 25.2 20.9 31.3  
150 12.7 10.2 15.2





#61  
4-Chlorophenyl-phenylether  
Concen: 42.713 ng  
RT: 15.608 min Scan# 2131  
Delta R.T. -0.001 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

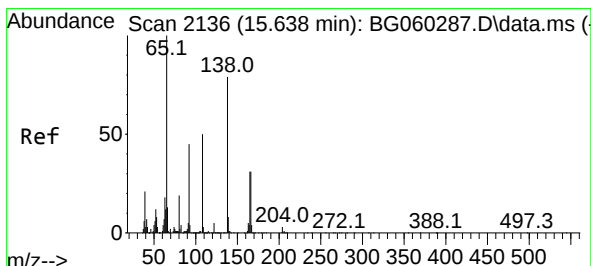
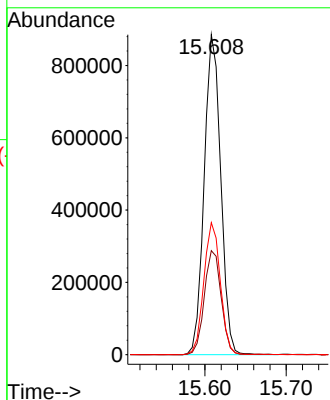
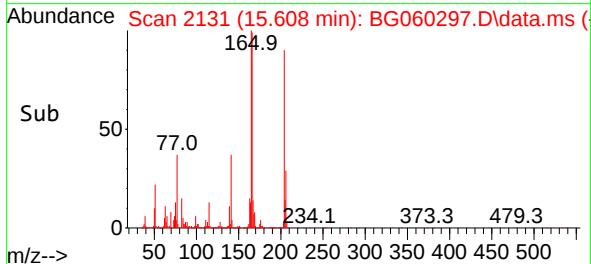
Instrument :  
BNA\_G  
ClientSampleId :  
SP-A-COMP(0-8)MS



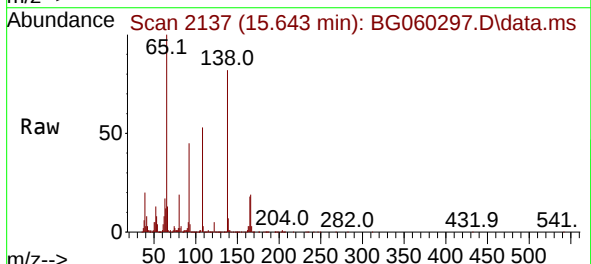
Tgt Ion:204 Resp: 1250028  
Ion Ratio Lower Upper  
204 100  
206 32.5 27.1 40.7  
141 41.2 32.2 48.2

Manual Integrations  
APPROVED

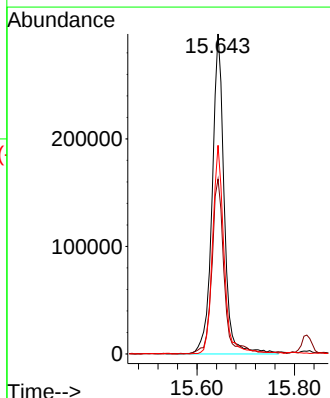
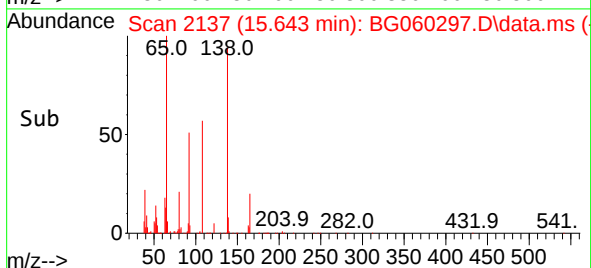
Reviewed By :Yogesh Patel 01/11/2024  
Supervised By :mohammad ahmed 01/12/2024



#62  
4-Nitroaniline  
Concen: 46.576 ng  
RT: 15.643 min Scan# 2137  
Delta R.T. 0.005 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15



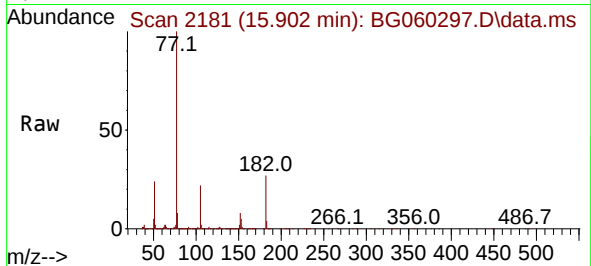
Tgt Ion:138 Resp: 510470  
Ion Ratio Lower Upper  
138 100  
92 54.6 37.0 77.0  
108 65.2 43.1 83.1





#63  
Azobenzene  
Concen: 45.322 ng  
RT: 15.902 min Scan# 2181  
Delta R.T. -0.001 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

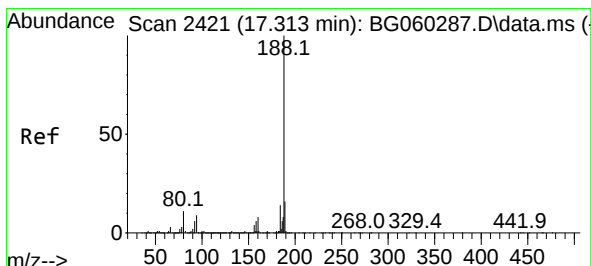
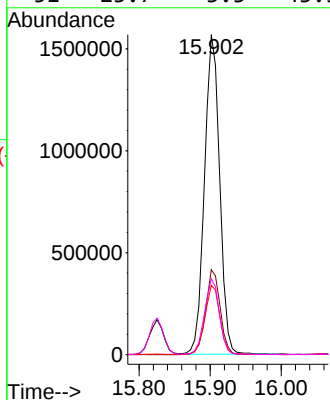
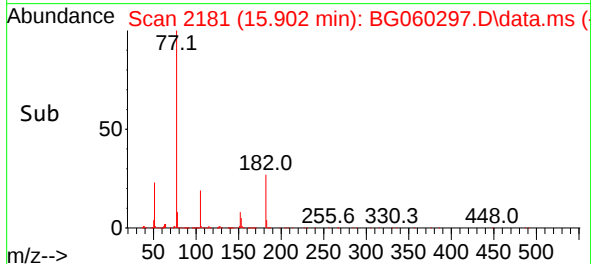
Instrument :  
BNA\_G  
ClientSampleId :  
SP-A-COMP(0-8)MS



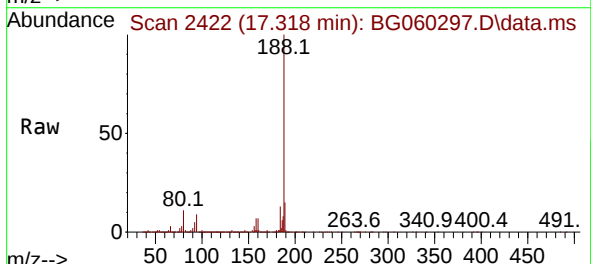
Tgt Ion: 77 Resp: 233080  
Ion Ratio Lower Upper  
77 100  
182 26.6 6.5 46.5  
105 21.7 1.8 41.8  
51 23.7 3.3 43.3

Manual Integrations  
APPROVED

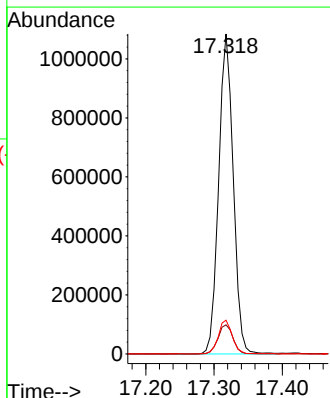
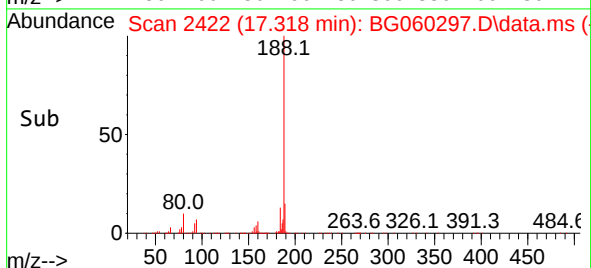
Reviewed By :Yogesh Patel 01/11/2024  
Supervised By :mohammad ahmed 01/12/2024

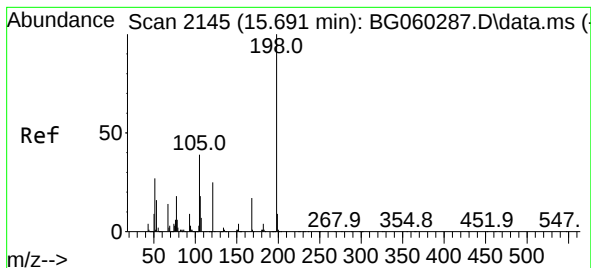


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.318 min Scan# 2422  
Delta R.T. 0.005 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15



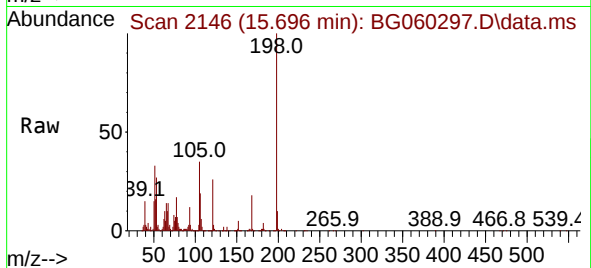
Tgt Ion:188 Resp: 1612266  
Ion Ratio Lower Upper  
188 100  
94 9.1 7.1 10.7  
80 10.6 8.5 12.7





#65  
4,6-Dinitro-2-methylphenol  
Concen: 45.792 ng  
RT: 15.696 min Scan# 2145  
Delta R.T. 0.005 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

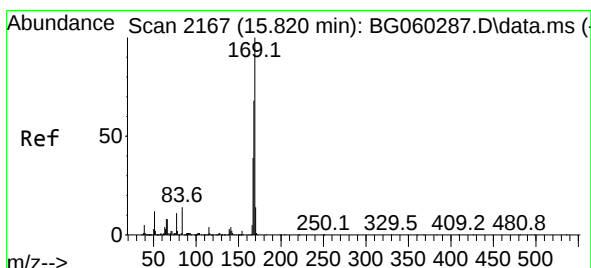
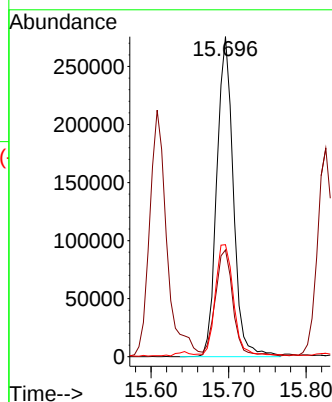
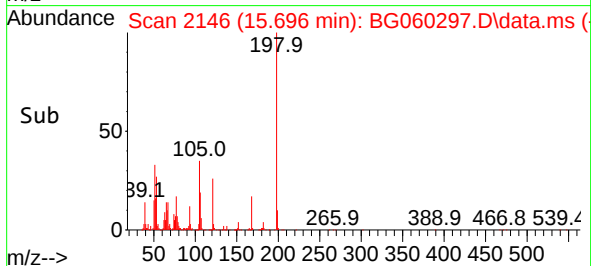
Instrument :  
BNA\_G  
ClientSampleId :  
SP-A-COMP(0-8)MS



Tgt Ion:198 Resp: 408430  
Ion Ratio Lower Upper  
198 100  
51 33.4 11.8 51.8  
105 35.0 20.3 60.3

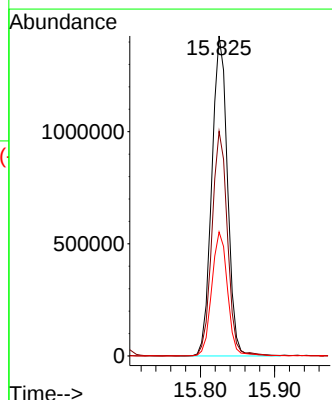
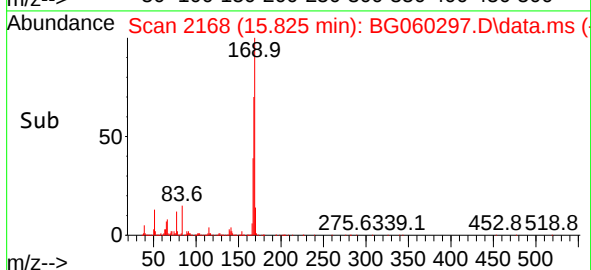
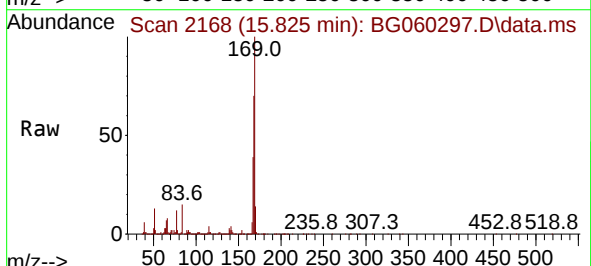
Manual Integrations  
APPROVED

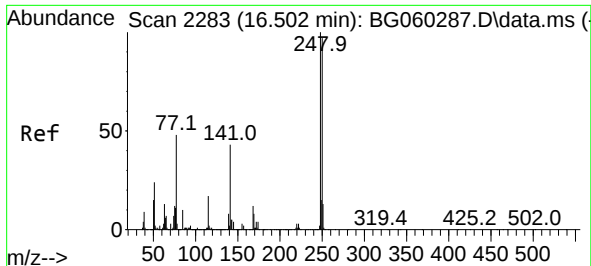
Reviewed By :Yogesh Patel 01/11/2024  
Supervised By :mohammad ahmed 01/12/2024



#66  
n-Nitrosodiphenylamine  
Concen: 49.023 ng  
RT: 15.825 min Scan# 2168  
Delta R.T. 0.005 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

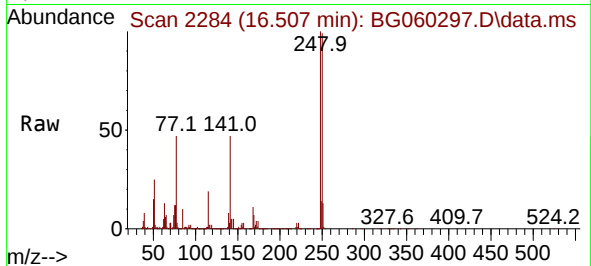
Tgt Ion:169 Resp: 2098649  
Ion Ratio Lower Upper  
169 100  
168 70.2 54.4 81.6  
167 38.8 31.2 46.8





#67  
4-Bromophenyl-phenylether  
Concen: 45.032 ng  
RT: 16.507 min Scan# 21  
Delta R.T. 0.005 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

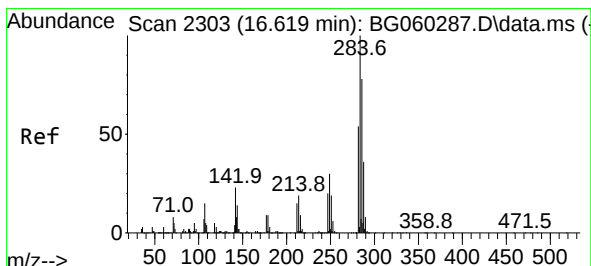
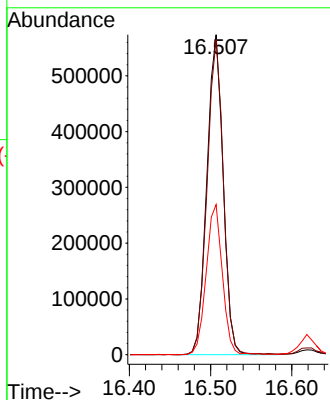
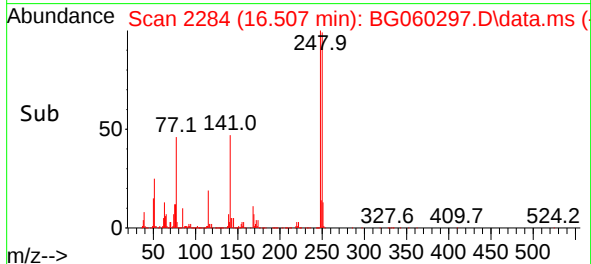
Instrument :  
BNA\_G  
ClientSampleId :  
SP-A-COMP(0-8)MS



Tgt Ion:248 Resp: 797768  
Ion Ratio Lower Upper  
248 100  
250 98.5 77.6 116.4  
141 46.9 34.2 51.4

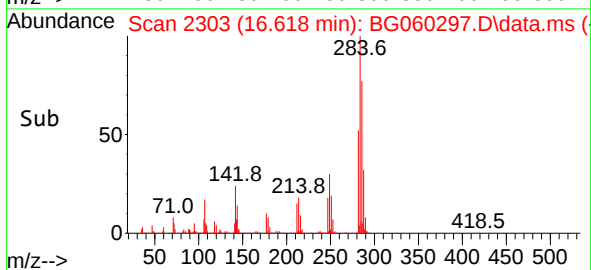
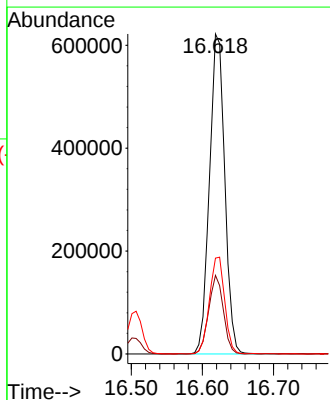
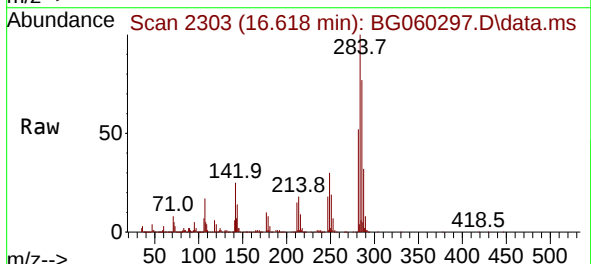
Manual Integrations  
APPROVED

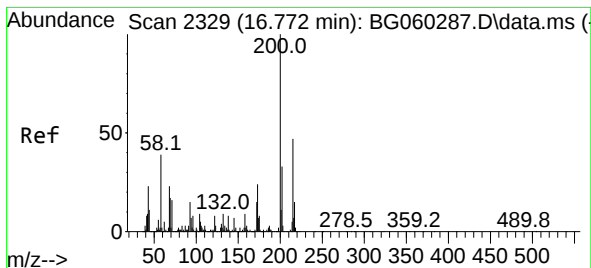
Reviewed By :Yogesh Patel 01/11/2024  
Supervised By :mohammad ahmed 01/12/2024



#68  
Hexachlorobenzene  
Concen: 44.513 ng  
RT: 16.618 min Scan# 2303  
Delta R.T. -0.001 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

Tgt Ion:284 Resp: 933448  
Ion Ratio Lower Upper  
284 100  
142 24.5 18.2 27.4  
249 29.9 24.3 36.5





#69

Atrazine

Concen: 50.803 ng

RT: 16.777 min Scan# 21

Delta R.T. 0.005 min

Lab File: BG060297.D

Acq: 10 Jan 2024 12:15

Instrument :

BNA\_G

ClientSampleId :

SP-A-COMP(0-8)MS

Tgt Ion:200 Resp: 820080

Ion Ratio Lower Upper

200 100

173 26.3 4.1 44.1

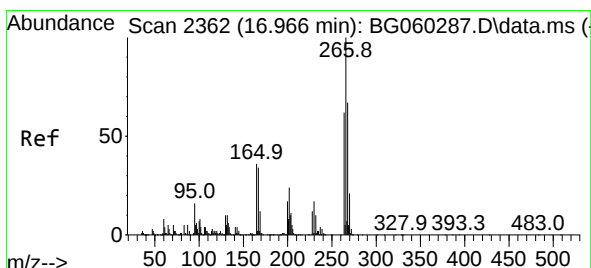
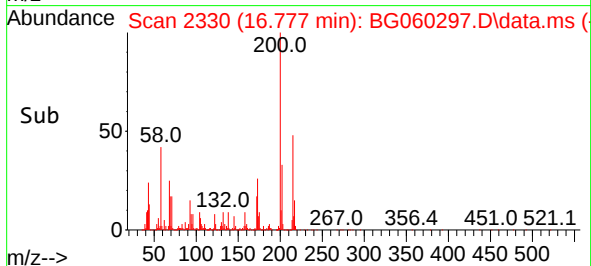
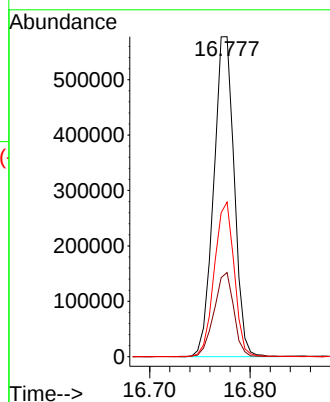
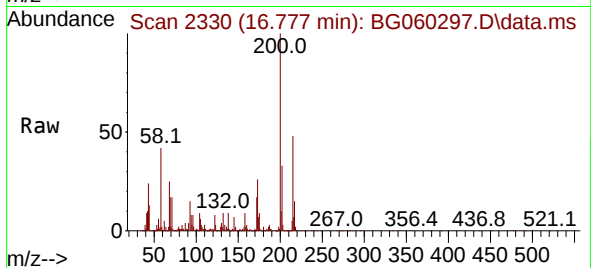
215 48.3 27.4 67.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#70

Pentachlorophenol

Concen: 99.299 ng

RT: 16.965 min Scan# 2362

Delta R.T. -0.001 min

Lab File: BG060297.D

Acq: 10 Jan 2024 12:15

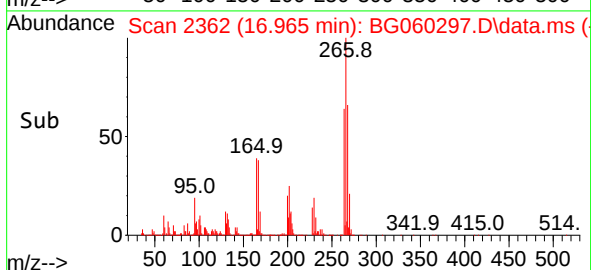
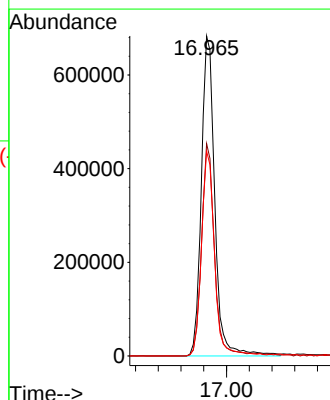
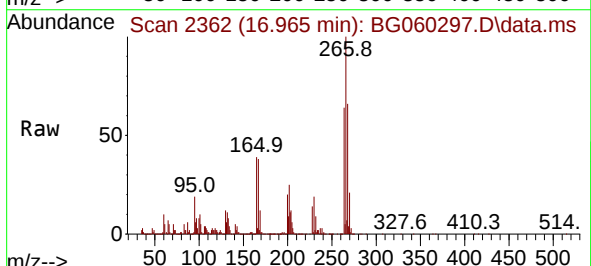
Tgt Ion:266 Resp: 1122409

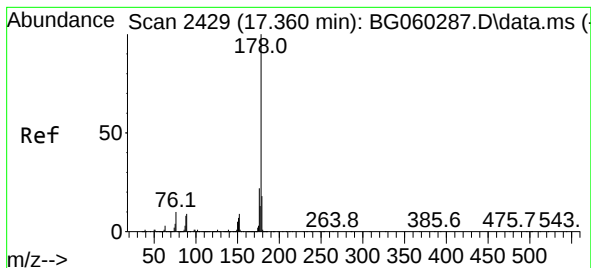
Ion Ratio Lower Upper

266 100

268 66.3 57.4 86.2

264 64.0 49.8 74.8





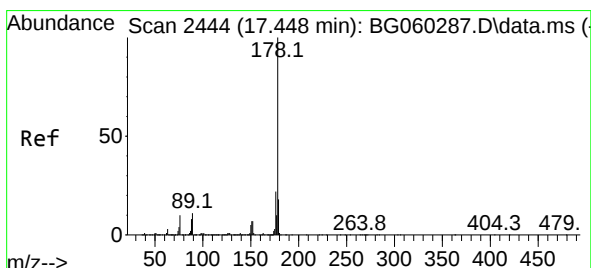
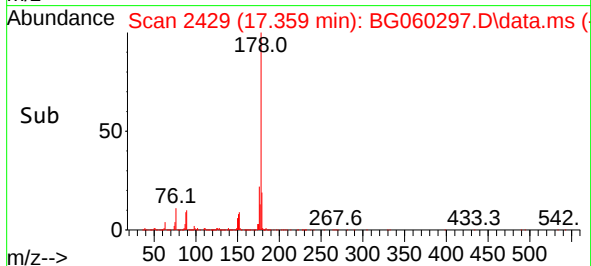
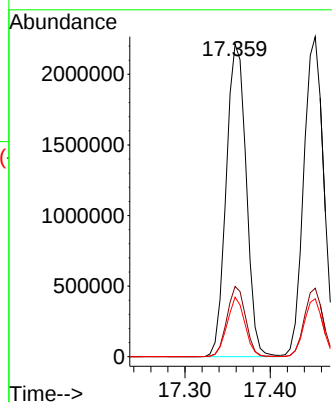
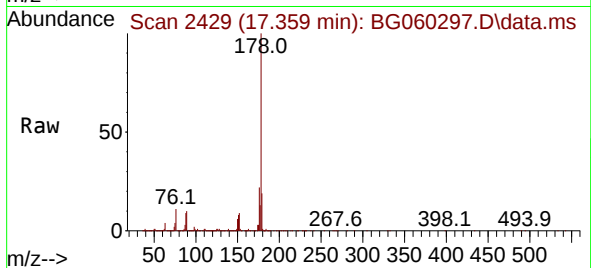
#71  
Phenanthrene  
Concen: 46.291 ng  
RT: 17.359 min Scan# 2429  
Delta R.T. -0.001 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

Instrument :  
BNA\_G  
ClientSampleId :  
SP-A-COMP(0-8)MS

Tgt Ion:178 Resp: 360743  
Ion Ratio Lower Upper  
178 100  
176 22.5 17.4 26.2  
179 19.0 14.7 22.1

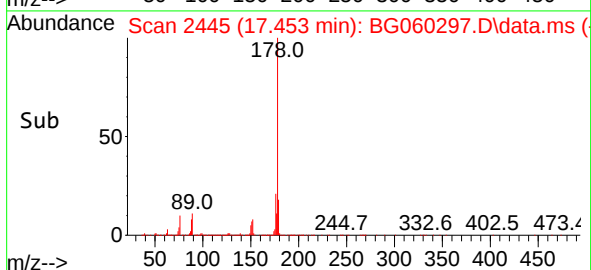
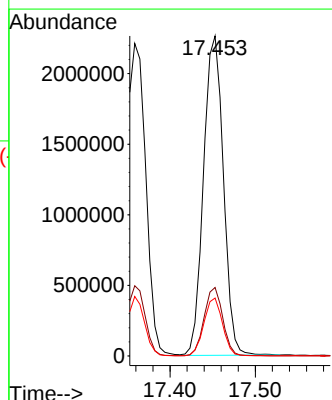
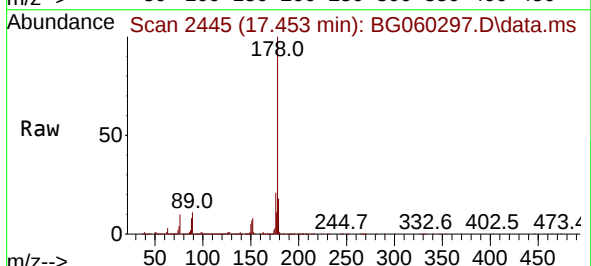
Manual Integrations  
APPROVED

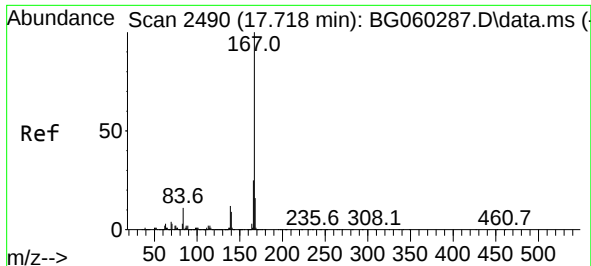
Reviewed By :Yogesh Patel 01/11/2024  
Supervised By :mohammad ahmed 01/12/2024



#72  
Anthracene  
Concen: 47.103 ng  
RT: 17.453 min Scan# 2445  
Delta R.T. 0.005 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

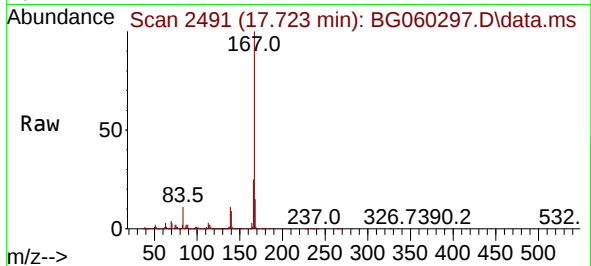
Tgt Ion:178 Resp: 3664799  
Ion Ratio Lower Upper  
178 100  
176 21.4 17.8 26.6  
179 18.1 14.1 21.1





#73  
 Carbazole  
 Concen: 45.429 ng  
 RT: 17.723 min Scan# 2490  
 Delta R.T. 0.005 min  
 Lab File: BG060297.D  
 Acq: 10 Jan 2024 12:15

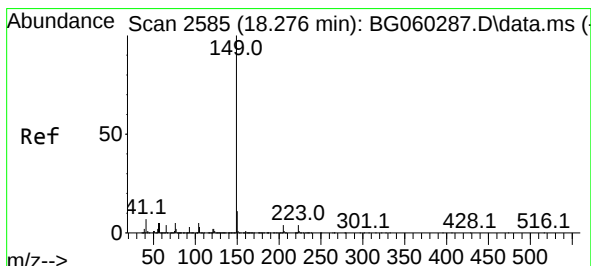
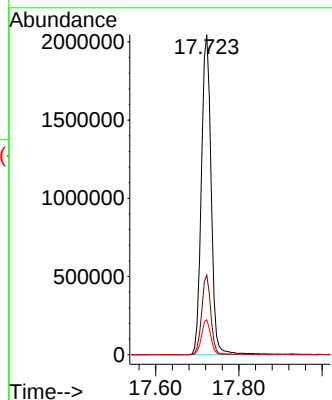
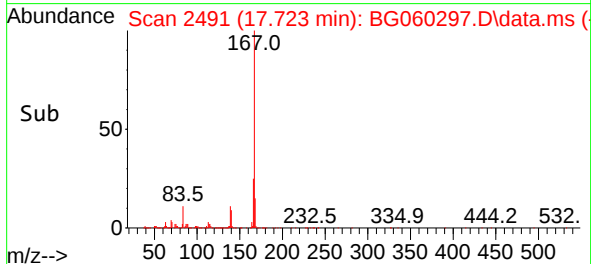
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SP-A-COMP(0-8)MS



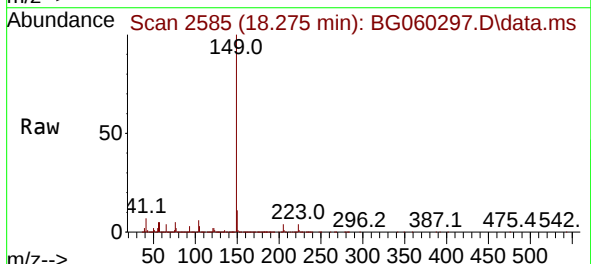
Tgt Ion:167 Resp: 3332228  
 Ion Ratio Lower Upper  
 167 100  
 166 24.9 19.8 29.8  
 139 10.9 9.3 13.9

Manual Integrations  
 APPROVED

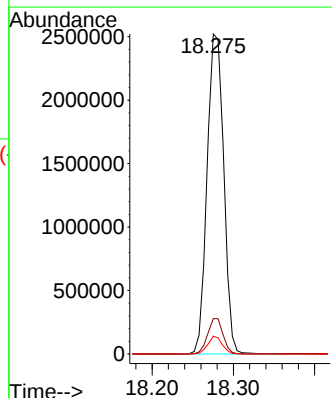
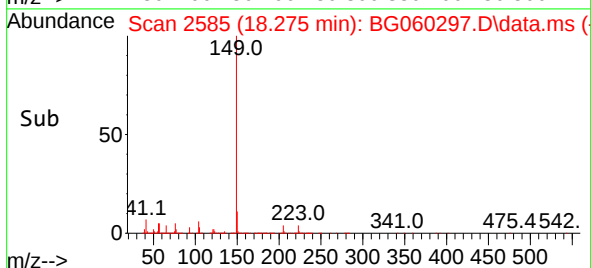
Reviewed By :Yogesh Patel 01/11/2024  
 Supervised By :mohammad ahmed 01/12/2024

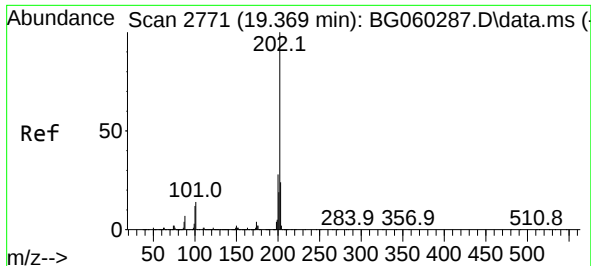


#74  
 Di-n-butylphthalate  
 Concen: 47.425 ng  
 RT: 18.275 min Scan# 2585  
 Delta R.T. -0.001 min  
 Lab File: BG060297.D  
 Acq: 10 Jan 2024 12:15



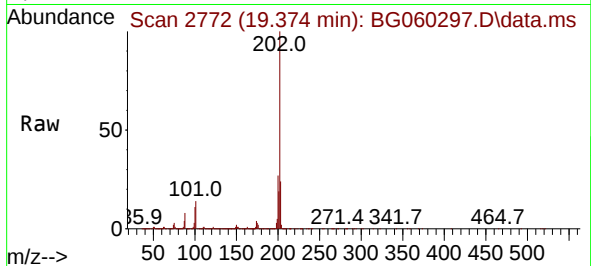
Tgt Ion:149 Resp: 3579249  
 Ion Ratio Lower Upper  
 149 100  
 150 11.1 9.1 13.7  
 104 5.6 4.3 6.5





#75  
Fluoranthene  
Concen: 43.603 ng  
RT: 19.374 min Scan# 21  
Delta R.T. 0.005 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

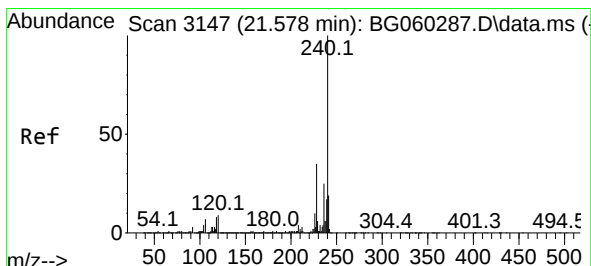
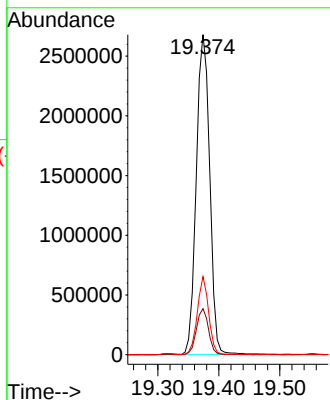
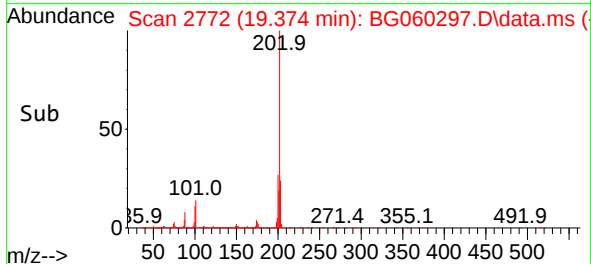
Instrument :  
BNA\_G  
ClientSampleId :  
SP-A-COMP(0-8)MS



Tgt Ion:202 Resp: 408128  
Ion Ratio Lower Upper  
202 100  
101 14.4 0.0 34.4  
203 24.4 4.0 44.0

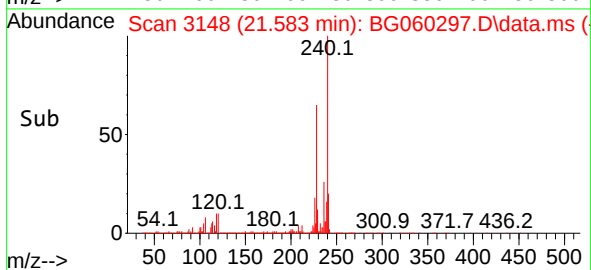
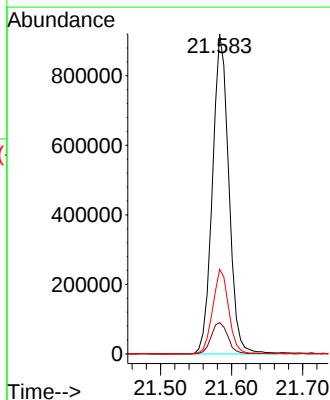
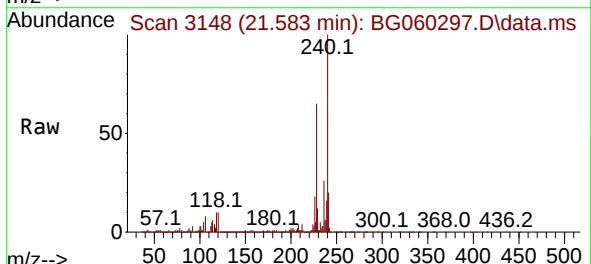
Manual Integrations  
APPROVED

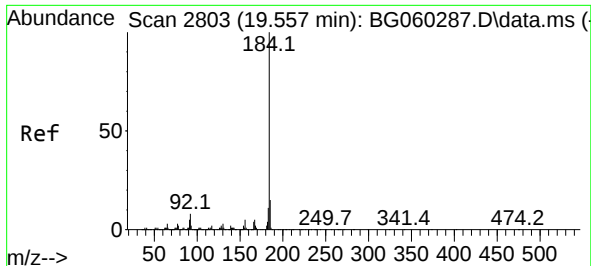
Reviewed By :Yogesh Patel 01/11/2024  
Supervised By :mohammad ahmed 01/12/2024



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.583 min Scan# 3148  
Delta R.T. 0.005 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

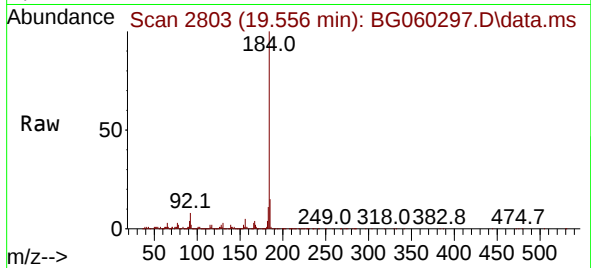
Tgt Ion:240 Resp: 1465701  
Ion Ratio Lower Upper  
240 100  
120 9.8 7.3 10.9  
236 26.4 20.3 30.5





#77  
Benzidine  
Concen: 55.424 ng  
RT: 19.556 min Scan# 2803  
Delta R.T. -0.001 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

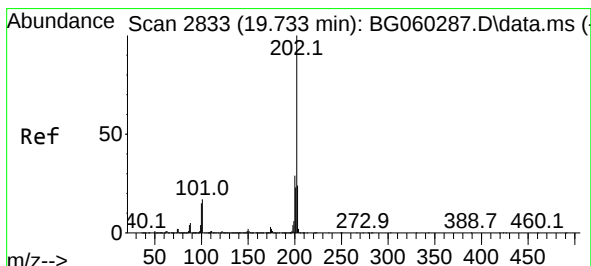
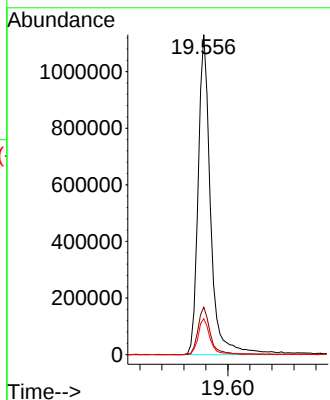
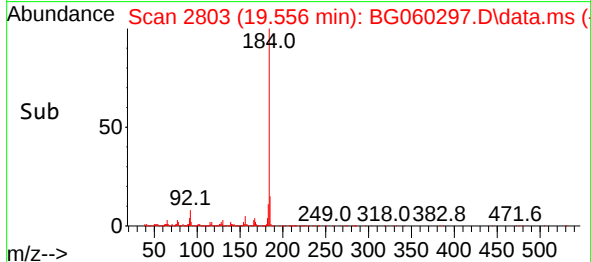
Instrument :  
BNA\_G  
ClientSampleId :  
SP-A-COMP(0-8)MS



Tgt Ion:184 Resp: 1764834  
Ion Ratio Lower Upper  
184 100  
185 14.8 12.2 18.4  
183 11.2 9.0 13.4

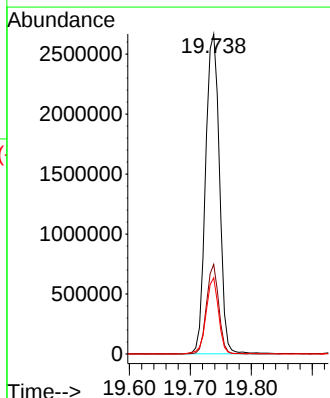
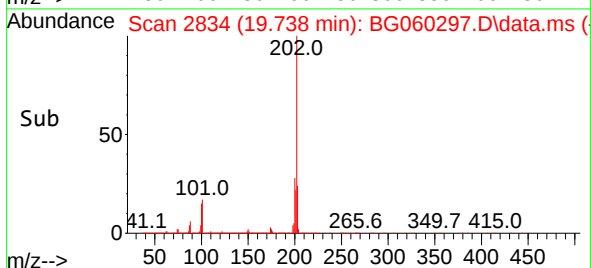
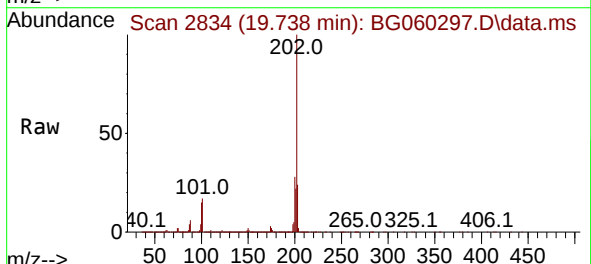
Manual Integrations  
APPROVED

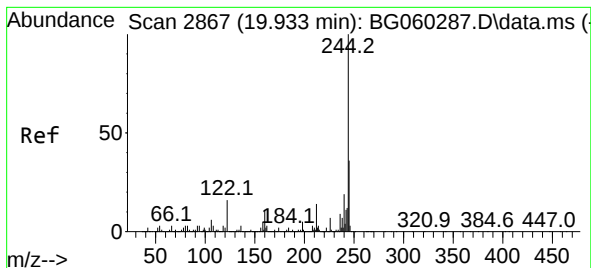
Reviewed By :Yogesh Patel 01/11/2024  
Supervised By :mohammad ahmed 01/12/2024



#78  
Pyrene  
Concen: 45.147 ng  
RT: 19.738 min Scan# 2834  
Delta R.T. 0.005 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

Tgt Ion:202 Resp: 4225726  
Ion Ratio Lower Upper  
202 100  
200 28.0 23.5 35.3  
203 23.8 19.6 29.4





#79

Terphenyl-d14

Concen: 72.483 ng

RT: 19.932 min Scan# 2867

Delta R.T. -0.001 min

Lab File: BG060297.D

Acq: 10 Jan 2024 12:15

Instrument :

BNA\_G

ClientSampleId :

SP-A-COMP(0-8)MS

Tgt Ion:244 Resp: 4451590

Ion Ratio Lower Upper

244 100

212 10.1 10.9 16.3

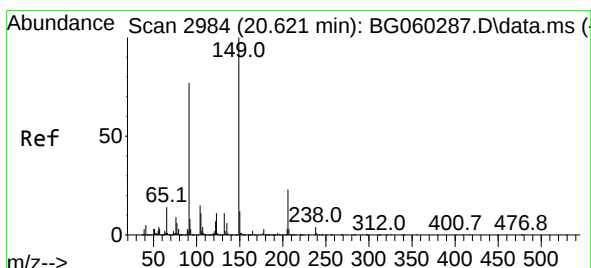
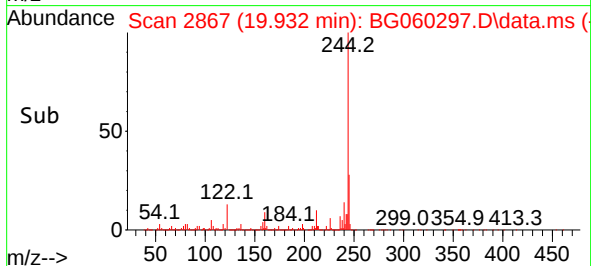
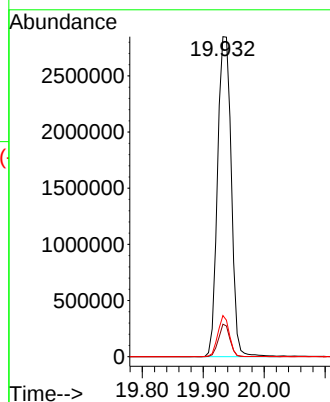
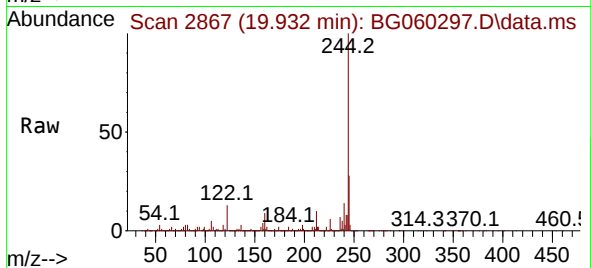
122 12.9 12.6 18.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#80

Butylbenzylphthalate

Concen: 53.175 ng

RT: 20.625 min Scan# 2985

Delta R.T. 0.005 min

Lab File: BG060297.D

Acq: 10 Jan 2024 12:15

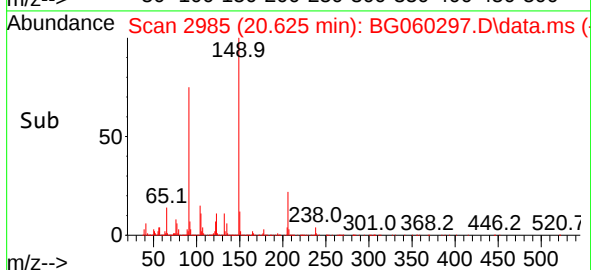
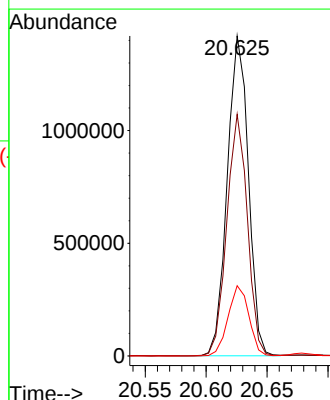
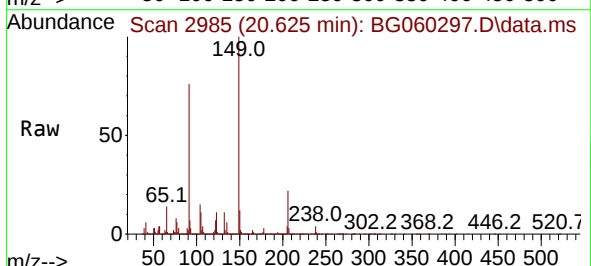
Tgt Ion:149 Resp: 1712362

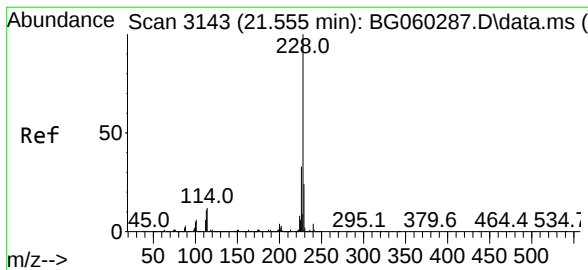
Ion Ratio Lower Upper

149 100

91 75.5 61.4 92.2

206 22.0 18.0 27.0





#81

Benzo(a)anthracene

Concen: 46.856 ng

RT: 21.566 min Scan# 3145

Delta R.T. 0.011 min

Lab File: BG060297.D

Acq: 10 Jan 2024 12:15

Instrument :

BNL\_G

ClientSampleId :

SP-A-COMP(0-8)MS

Tgt Ion:228 Resp: 4251649

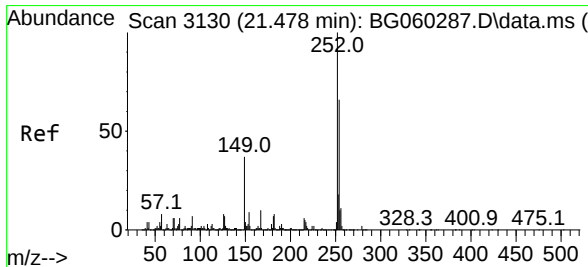
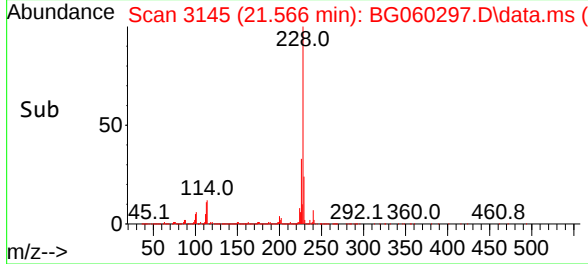
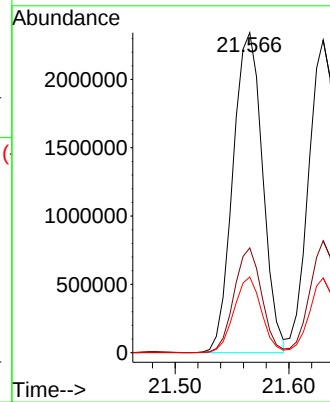
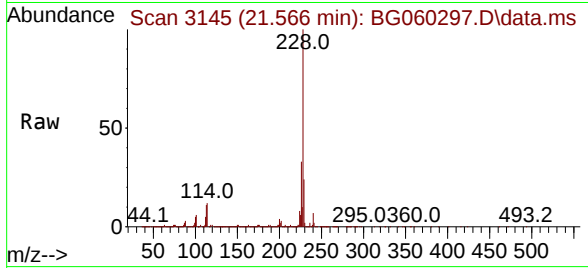
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 32.7  | 26.2  | 39.2  |
| 229 | 23.6  | 19.4  | 29.2  |

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#82

3,3'-Dichlorobenzidine

Concen: 25.895 ng

RT: 21.483 min Scan# 3131

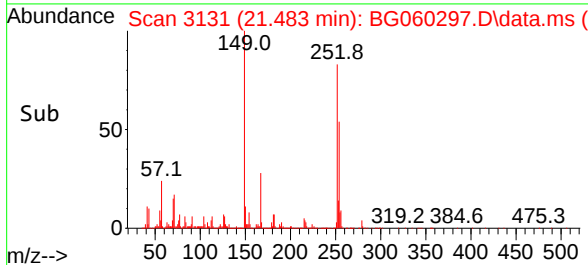
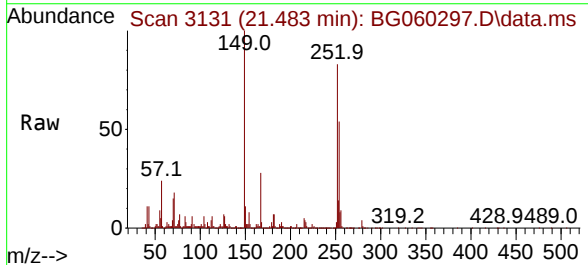
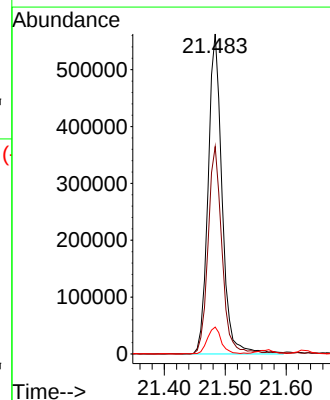
Delta R.T. 0.005 min

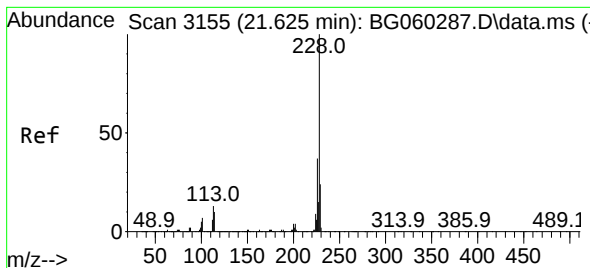
Lab File: BG060297.D

Acq: 10 Jan 2024 12:15

Tgt Ion:252 Resp: 899833

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 64.8  | 52.6  | 79.0  |
| 126 | 8.4   | 6.3   | 9.5   |





#83

Chrysene

Concen: 45.045 ng

RT: 21.630 min Scan# 3155

Delta R.T. 0.005 min

Lab File: BG060297.D

Acq: 10 Jan 2024 12:15

Instrument :

BNA\_G

ClientSampleId :

SP-A-COMP(0-8)MS

Tgt Ion:228 Resp: 401991

Ion Ratio Lower Upper

228 100

226 35.8 29.4 44.2

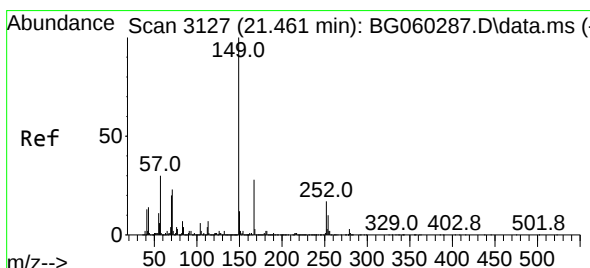
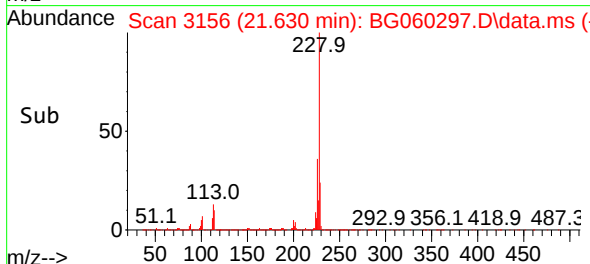
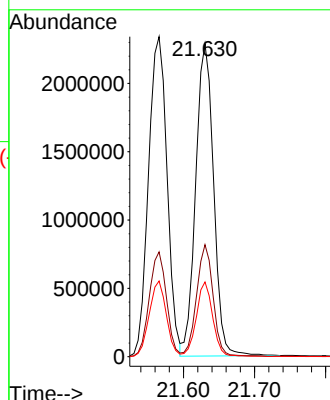
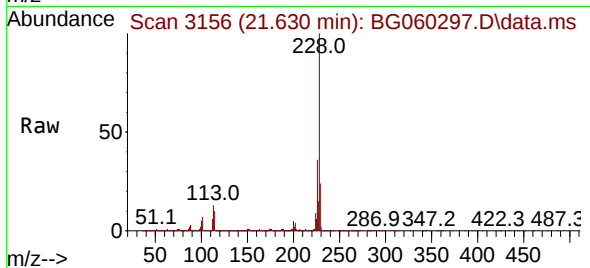
229 23.9 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.533 ng

RT: 21.472 min Scan# 3129

Delta R.T. 0.011 min

Lab File: BG060297.D

Acq: 10 Jan 2024 12:15

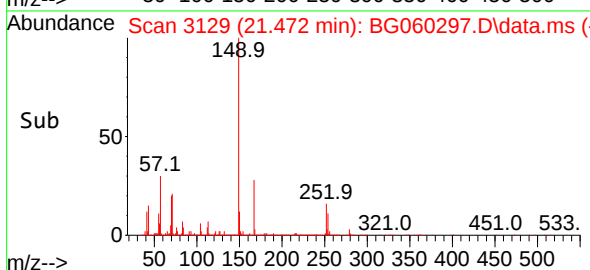
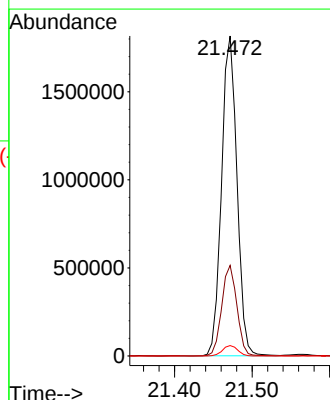
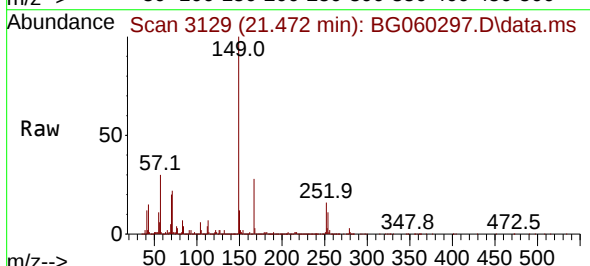
Tgt Ion:149 Resp: 2507632

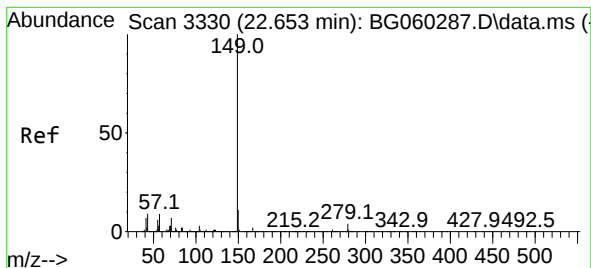
Ion Ratio Lower Upper

149 100

167 28.3 22.2 33.2

279 3.2 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 52.516 ng

RT: 22.664 min Scan# 31

Delta R.T. 0.011 min

Lab File: BG060297.D

Acq: 10 Jan 2024 12:15

Instrument :

BNA\_G

ClientSampleId :

SP-A-COMP(0-8)MS

Tgt Ion:149 Resp: 414114

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

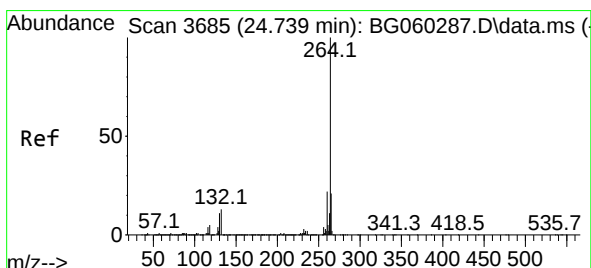
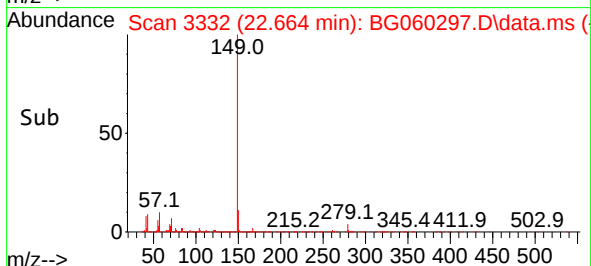
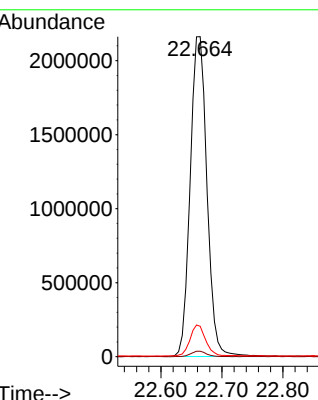
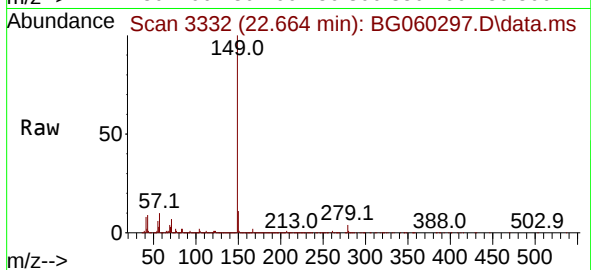
43 9.1 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.750 min Scan# 3687

Delta R.T. 0.011 min

Lab File: BG060297.D

Acq: 10 Jan 2024 12:15

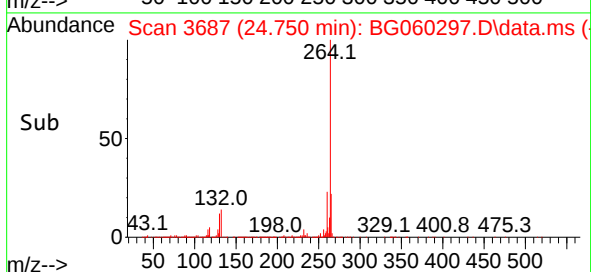
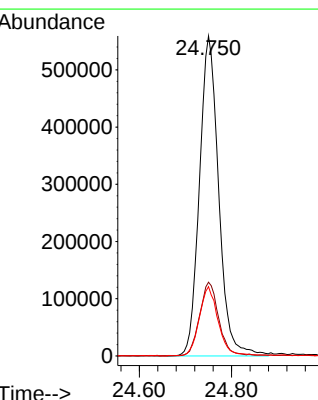
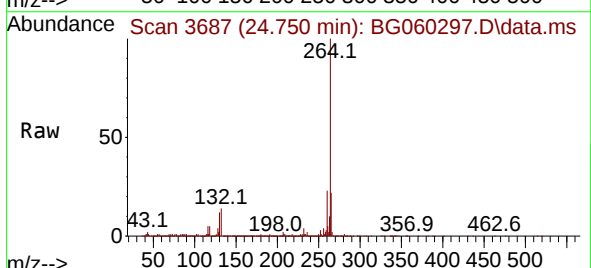
Tgt Ion:264 Resp: 1620238

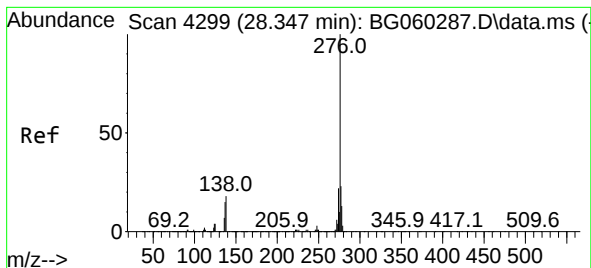
Ion Ratio Lower Upper

264 100

260 23.0 17.8 26.6

265 21.7 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.731 ng

RT: 28.369 min Scan# 41

Delta R.T. 0.023 min

Lab File: BG060297.D

Acq: 10 Jan 2024 12:15

Instrument :

BNA\_G

ClientSampleId :

SP-A-COMP(0-8)MS

Tgt Ion:276 Resp: 492661

Ion Ratio Lower Upper

276 100

138 22.9 12.5 18.7

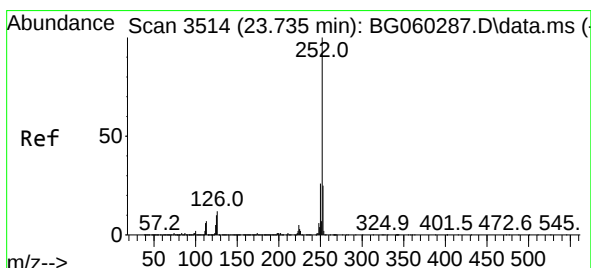
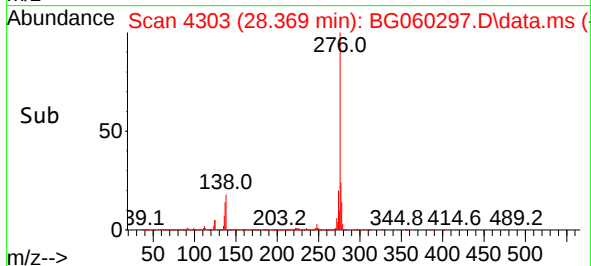
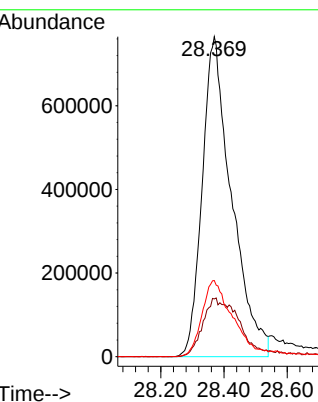
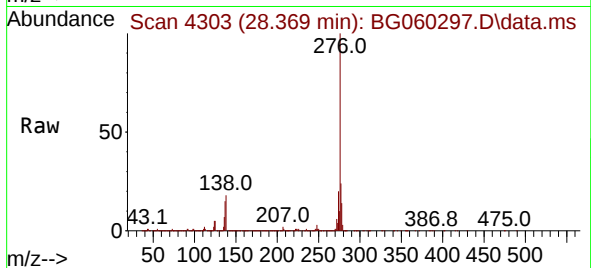
277 25.1 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#88

Benzo(b)fluoranthene

Concen: 45.706 ng

RT: 23.745 min Scan# 3516

Delta R.T. 0.011 min

Lab File: BG060297.D

Acq: 10 Jan 2024 12:15

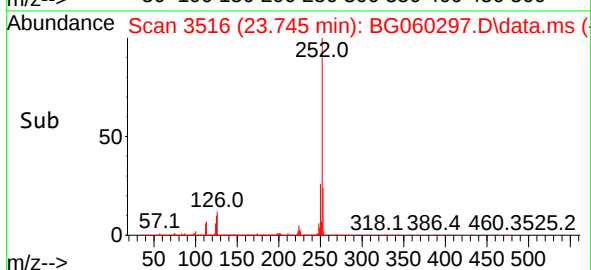
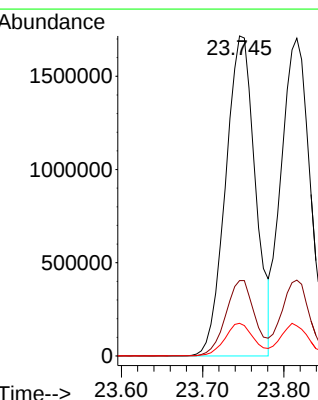
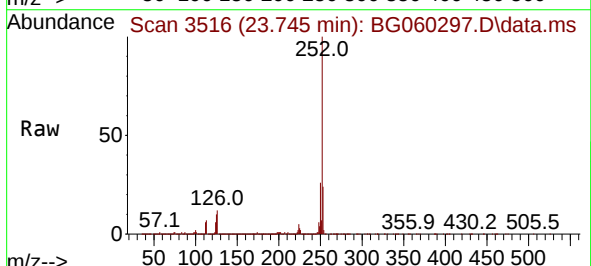
Tgt Ion:252 Resp: 4374812

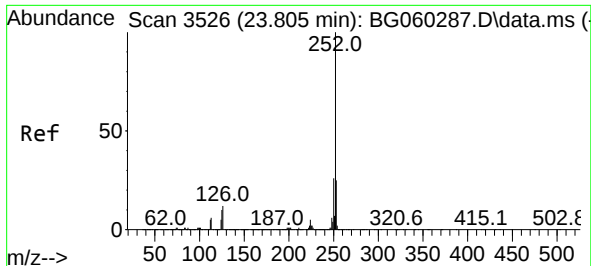
Ion Ratio Lower Upper

252 100

253 23.6 20.0 30.0

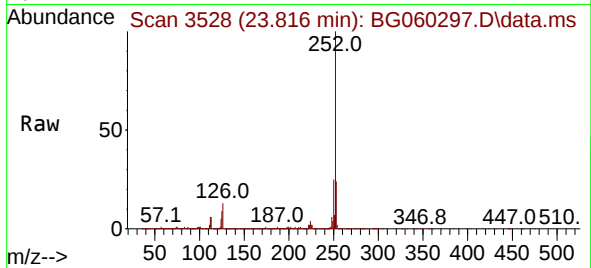
125 10.2 8.1 12.1





#89  
Benzo(k)fluoranthene  
Concen: 45.853 ng  
RT: 23.816 min Scan# 3526  
Delta R.T. 0.011 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

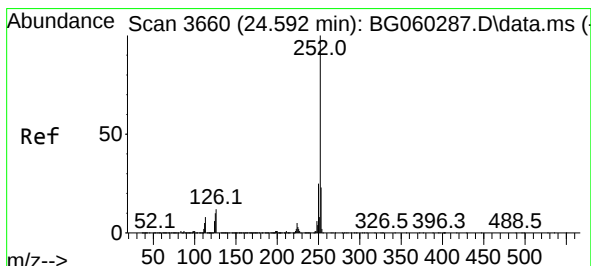
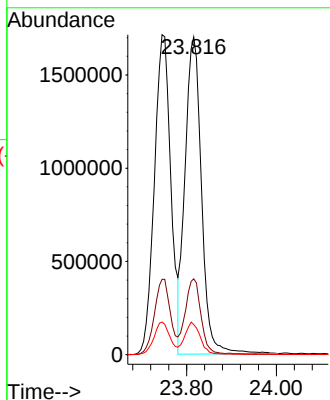
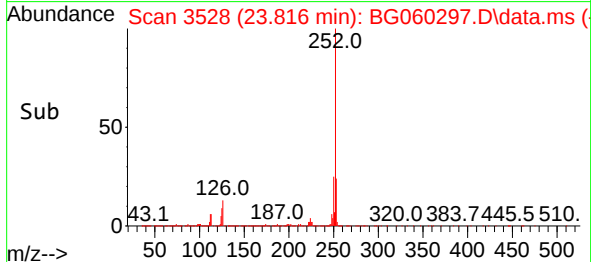
Instrument :  
BNA\_G  
ClientSampleId :  
SP-A-COMP(0-8)MS



Tgt Ion:252 Resp: 4330990  
Ion Ratio Lower Upper  
252 100  
253 23.9 19.6 29.4  
125 9.5 8.2 12.2

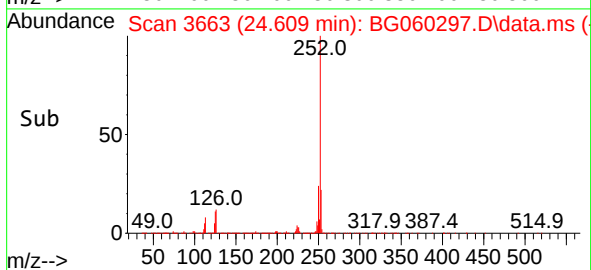
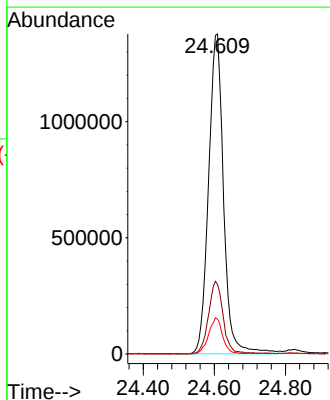
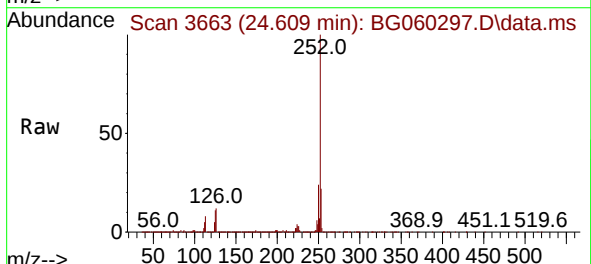
Manual Integrations  
APPROVED

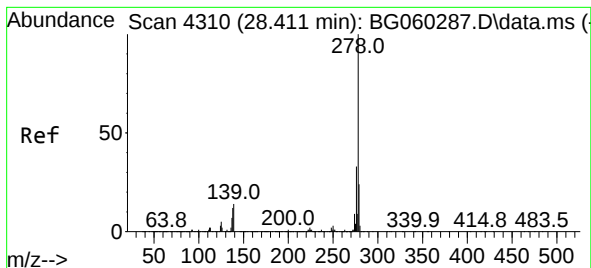
Reviewed By :Yogesh Patel 01/11/2024  
Supervised By :mohammad ahmed 01/12/2024



#90  
Benzo(a)pyrene  
Concen: 46.714 ng  
RT: 24.609 min Scan# 3663  
Delta R.T. 0.017 min  
Lab File: BG060297.D  
Acq: 10 Jan 2024 12:15

Tgt Ion:252 Resp: 4039153  
Ion Ratio Lower Upper  
252 100  
253 21.7 18.1 27.1  
125 10.9 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 45.528 ng

RT: 28.428 min Scan# 41

Delta R.T. 0.017 min

Lab File: BG060297.D

Acq: 10 Jan 2024 12:15

Instrument :

BNA\_G

ClientSampleId :

SP-A-COMP(0-8)MS

Tgt Ion:278 Resp: 418874

Ion Ratio Lower Upper

278 100

139 13.9 10.9 16.3

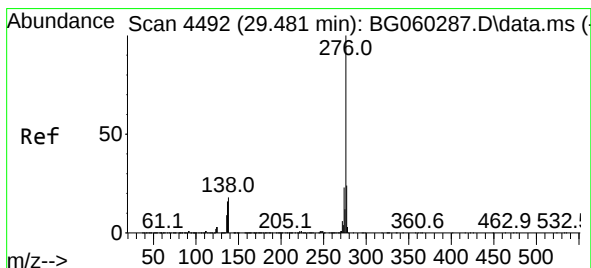
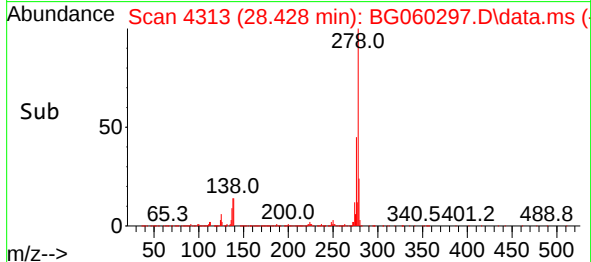
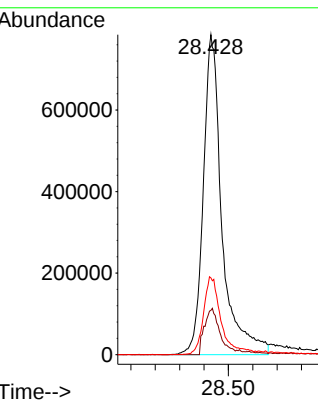
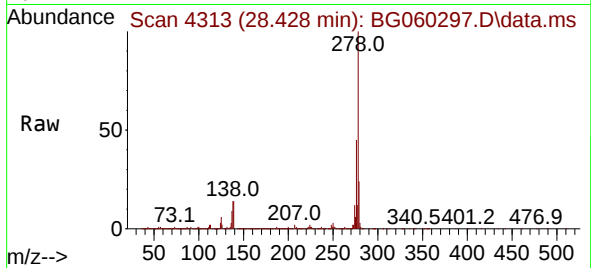
279 24.0 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/11/2024

Supervised By :mohammad ahmed 01/12/2024



#92

Benzo(g,h,i)perylene

Concen: 42.408 ng

RT: 29.503 min Scan# 4496

Delta R.T. 0.023 min

Lab File: BG060297.D

Acq: 10 Jan 2024 12:15

Tgt Ion:276 Resp: 3998903

Ion Ratio Lower Upper

276 100

277 23.6 19.4 29.0

138 18.9 14.2 21.4

