

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG012023\  
 Data File : BG056371.D  
 Acq On : 20 Jan 2023 17:24  
 Operator : CG/JU  
 Sample : 01239-01MSD  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BORING-3MSD

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 01/23/2023  
 Supervised By : Jagrut Upadhyay 01/23/2023

Quant Time: Jan 23 00:00:44 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG122722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 19 00:31:30 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.299  | 152  | 35634    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.137 | 136  | 134409   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.920 | 164  | 113286   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.652 | 188  | 301747   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.947 | 240  | 286556   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 25.385 | 264  | 315204   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.825  | 112  | 255597   | 128.071 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.447  | 99   | 359578   | 117.321 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.480  | 82   | 188320   | 71.668  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.401 | 330  | 190175   | 132.549 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.546 | 172  | 629924   | 76.785  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.226 | 244  | 1237444  | 77.344  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.628  | 88   | 32907    | 36.099  | ng    | # 92     |
| 3) Pyridine                   | 4.051  | 79   | 91559    | 32.977  | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.957  | 42   | 21219    | 37.570  | ng    | 93       |
| 6) Aniline                    | 7.617  | 93   | 132956   | 33.080  | ng    | 100      |
| 8) 2-Chlorophenol             | 7.864  | 128  | 98161    | 49.427  | ng    | 95       |
| 9) Benzaldehyde               | 7.429  | 77   | 42856    | 23.517  | ng    | 95       |
| 10) Phenol                    | 7.476  | 94   | 139366   | 44.838  | ng    | 96       |
| 11) bis(2-Chloroethyl)ether   | 7.705  | 93   | 84214    | 39.981  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 8.193  | 146  | 115058   | 47.603  | ng    | 94       |
| 13) 1,4-Dichlorobenzene       | 8.340  | 146  | 113926   | 46.938  | ng    | 95       |
| 14) 1,2-Dichlorobenzene       | 8.663  | 146  | 109373   | 46.701  | ng    | 99       |
| 15) Benzyl Alcohol            | 8.534  | 79   | 89321    | 40.043  | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.822  | 45   | 16894    | 45.387  | ng    | # 87     |
| 17) 2-Methylphenol            | 8.739  | 107  | 97020    | 42.539  | ng    | 97       |
| 18) Hexachloroethane          | 9.397  | 117  | 34666    | 47.015  | ng    | 93       |
| 19) n-Nitroso-di-n-propyla... | 9.104  | 70   | 67146    | 36.028  | ng    | 97       |
| 20) 3+4-Methylphenols         | 9.068  | 107  | 132325   | 41.267  | ng    | 98       |
| 22) Acetophenone              | 9.127  | 105  | 156094   | 41.073  | ng    | # 99     |
| 24) Nitrobenzene              | 9.521  | 77   | 98202    | 37.712  | ng    | 93       |
| 25) Isophorone                | 10.038 | 82   | 203087   | 36.734  | ng    | 95       |
| 26) 2-Nitrophenol             | 10.238 | 139  | 61862    | 46.431  | ng    | 97       |
| 27) 2,4-Dimethylphenol        | 10.285 | 122  | 110025m  | 45.276  | ng    |          |
| 28) bis(2-Chloroethoxy)met... | 10.514 | 93   | 115737   | 40.278  | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.778 | 162  | 126839   | 47.212  | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.996 | 180  | 133490   | 43.785  | ng    | 96       |
| 31) Naphthalene               | 11.184 | 128  | 305359   | 43.168  | ng    | 99       |
| 32) Benzoic acid              | 10.426 | 122  | 66072    | 36.644  | ng    | 93       |
| 33) 4-Chloroaniline           | 11.283 | 127  | 106331   | 31.484  | ng    | 94       |
| 34) Hexachlorobutadiene       | 11.460 | 225  | 91985    | 41.950  | ng    | 96       |
| 35) Caprolactam               | 12.059 | 113  | 39076m   | 42.960  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 12.388 | 107  | 121779   | 44.671  | ng    | 100      |
| 37) 2-Methylnaphthalene       | 12.770 | 142  | 246427   | 41.258  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.981 | 142  | 229576   | 41.391  | ng    | 96       |
| 40) 1,2,4,5-Tetrachloroben... | 13.128 | 216  | 181873   | 42.835  | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 13.105 | 237  | 237002   | 97.906  | ng    | 94       |
| 43) 2,4,6-Trichlorophenol     | 13.363 | 196  | 130575   | 46.508  | ng    | 99       |

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG012023\  
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 Sample : 01239-01MSD  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 BORING-3MSD

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 01/23/2023  
 Supervised By : Jagrut Upadhyay 01/23/2023

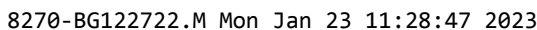
Quant Time: Jan 23 00:00:44 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG122722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 19 00:31:30 2023  
 Response via : Initial Calibration

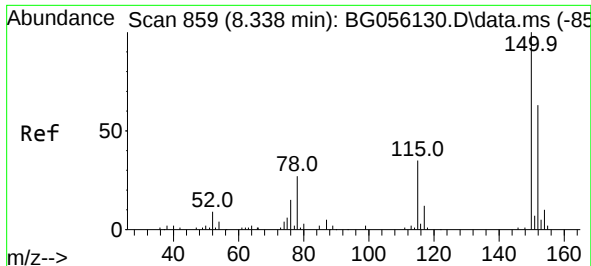
| Compound                       | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol      | 13.440 | 196  | 143022   | 43.063 | ng    | 94       |
| 46) 1,1'-Biphenyl              | 13.757 | 154  | 364970   | 44.985 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 13.804 | 162  | 289617   | 45.225 | ng    | 98       |
| 48) 2-Nitroaniline             | 13.998 | 65   | 60629    | 44.436 | ng    | 94       |
| 49) Acenaphthylene             | 14.644 | 152  | 460752   | 44.213 | ng    | 98       |
| 50) Dimethylphthalate          | 14.356 | 163  | 398354   | 43.559 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.480 | 165  | 87856    | 45.085 | ng    | 95       |
| 52) Acenaphthene               | 14.985 | 154  | 332005m  | 48.984 | ng    |          |
| 53) 3-Nitroaniline             | 14.815 | 138  | 64442    | 34.748 | ng    | 90       |
| 54) 2,4-Dinitrophenol          | 15.020 | 184  | 112319   | 80.683 | ng    | 94       |
| 55) Dibenzofuran               | 15.314 | 168  | 489693   | 43.660 | ng    | 98       |
| 56) 4-Nitrophenol              | 15.120 | 139  | 134479   | 94.284 | ng    | 86       |
| 57) 2,4-Dinitrotoluene         | 15.267 | 165  | 126008   | 46.237 | ng    | 89       |
| 58) Fluorene                   | 15.960 | 166  | 398242   | 44.145 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.537 | 232  | 139508   | 44.737 | ng    | 96       |
| 60) Diethylphthalate           | 15.708 | 149  | 374844   | 43.707 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.937 | 204  | 243089   | 43.179 | ng    | 99       |
| 62) 4-Nitroaniline             | 15.978 | 138  | 84960    | 44.723 | ng    | 92       |
| 63) Azobenzene                 | 16.231 | 77   | 278892   | 42.140 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylph...  | 16.031 | 198  | 90237    | 44.386 | ng    | 98       |
| 66) n-Nitrosodiphenylamine     | 16.154 | 169  | 370760   | 44.285 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether  | 16.830 | 248  | 170116   | 44.273 | ng    | 99       |
| 68) Hexachlorobenzene          | 16.959 | 284  | 172753   | 48.189 | ng    | 97       |
| 69) Atrazine                   | 17.088 | 200  | 160881   | 46.367 | ng    | 98       |
| 70) Pentachlorophenol          | 17.300 | 266  | 213857   | 77.658 | ng    | 98       |
| 71) Phenanthrene               | 17.694 | 178  | 694953   | 44.441 | ng    | 98       |
| 72) Anthracene                 | 17.788 | 178  | 713335   | 44.221 | ng    | 99       |
| 73) Carbazole                  | 18.052 | 167  | 616146   | 45.441 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.581 | 149  | 620460   | 45.904 | ng    | 99       |
| 75) Fluoranthene               | 19.685 | 202  | 870344   | 42.669 | ng    | 99       |
| 77) Benzidine                  | 19.856 | 184  | 442619   | 44.076 | ng    | 100      |
| 78) Pyrene                     | 20.050 | 202  | 883488   | 43.742 | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.907 | 149  | 259310   | 44.751 | ng    | 94       |
| 81) Benzo(a)anthracene         | 21.930 | 228  | 875367   | 43.492 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.824 | 252  | 207749   | 28.674 | ng    | 98       |
| 83) Chrysene                   | 22.000 | 228  | 811492   | 43.043 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha...  | 21.789 | 149  | 368933   | 44.193 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 23.064 | 149  | 626471   | 44.452 | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene     | 29.345 | 276  | 1041329  | 45.426 | ng    | # 99     |
| 88) Benzo(b)fluoranthene       | 24.292 | 252  | 904232   | 45.151 | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 24.362 | 252  | 889573   | 44.606 | ng    | 99       |
| 90) Benzo(a)pyrene             | 25.226 | 252  | 807447   | 41.337 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 29.415 | 278  | 874615   | 45.507 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 30.590 | 276  | 837742   | 44.949 | ng    | 99       |

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

## Manual Integrations

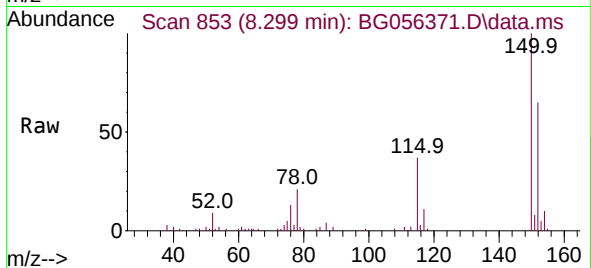
Quant Time: Jan 23 00:00:44 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG122722.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jan 19 00:31:30 2023  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.299 min Scan# 81  
Delta R.T. -0.007 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

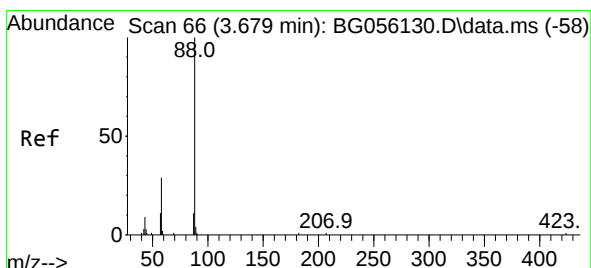
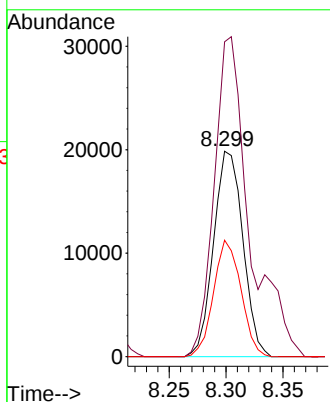
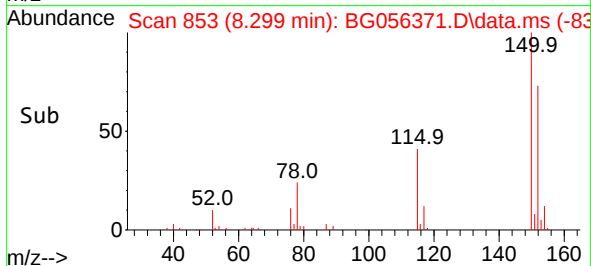
Instrument :  
BNA\_G  
ClientSampleId :  
BORING-3MSD



Tgt Ion:152 Resp: 35634  
Ion Ratio Lower Upper  
152 100  
150 153.3 127.9 191.9  
115 56.7 44.2 66.2

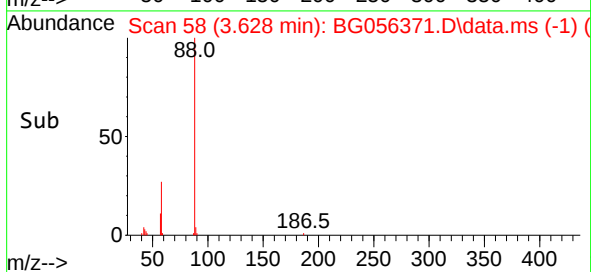
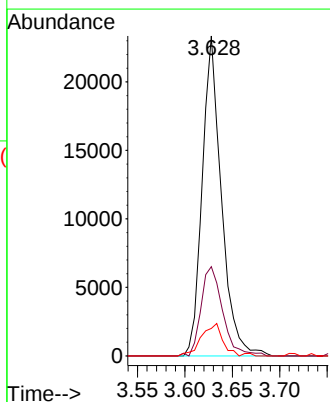
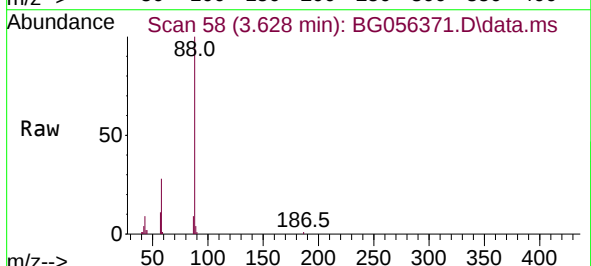
Manual Integrations  
APPROVED

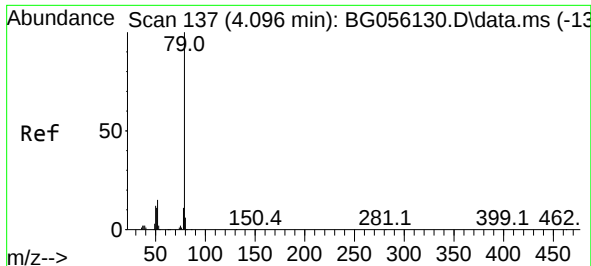
Reviewed By :Christian Giraldo 01/23/2023  
Supervised By :Jagrut Upadhyay 01/23/2023



#2  
1,4-Dioxane  
Concen: 36.099 ng  
RT: 3.628 min Scan# 58  
Delta R.T. -0.007 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

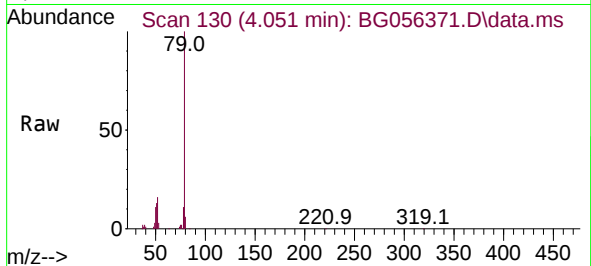
Tgt Ion: 88 Resp: 32907  
Ion Ratio Lower Upper  
88 100  
58 31.3 21.4 32.0  
43 11.4 7.1 10.7#





#3  
Pyridine  
Concen: 32.977 ng  
RT: 4.051 min Scan# 113  
Delta R.T. -0.007 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

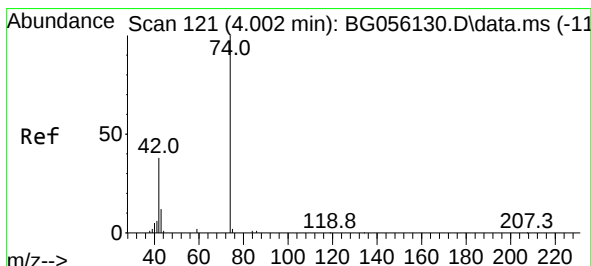
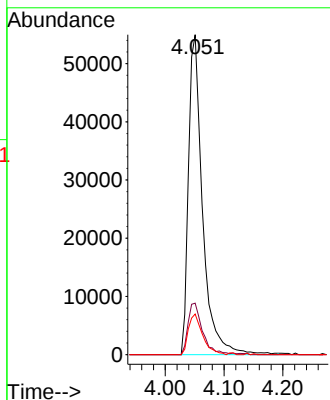
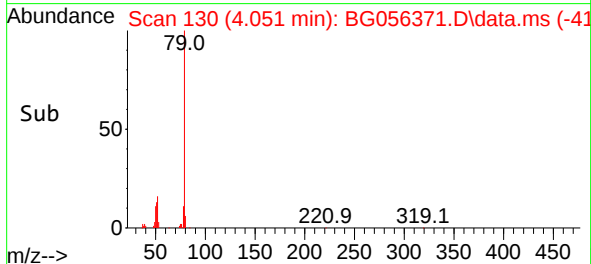
Instrument :  
BNA\_G  
ClientSampleId :  
BORING-3MSD



Tgt Ion: 79 Resp: 91559  
Ion Ratio Lower Upper  
79 100  
52 16.1 11.8 17.6  
51 12.7 8.8 13.2

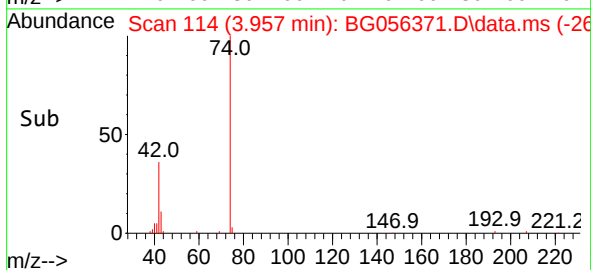
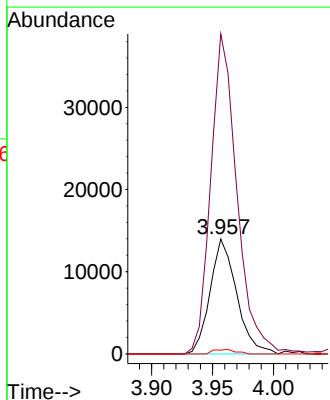
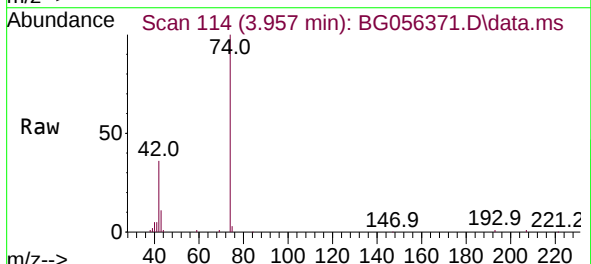
Manual Integrations  
APPROVED

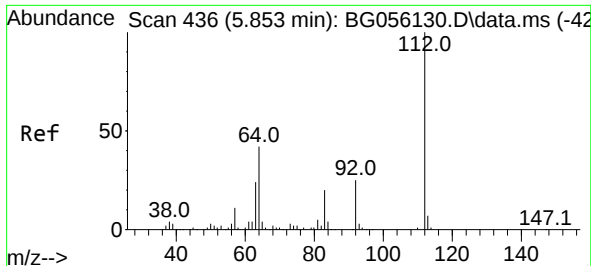
Reviewed By :Christian Giraldo 01/23/2023  
Supervised By :Jagrut Upadhyay 01/23/2023



#4  
n-Nitrosodimethylamine  
Concen: 37.570 ng  
RT: 3.957 min Scan# 114  
Delta R.T. -0.013 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

Tgt Ion: 42 Resp: 21219  
Ion Ratio Lower Upper  
42 100  
74 278.6 212.6 319.0  
44 3.2 2.6 3.8





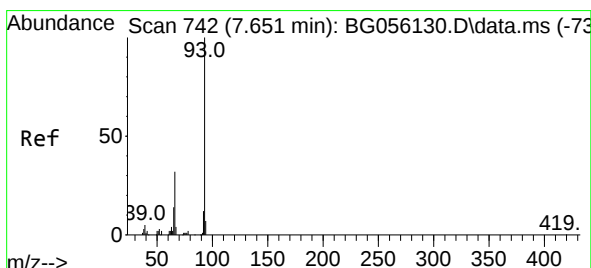
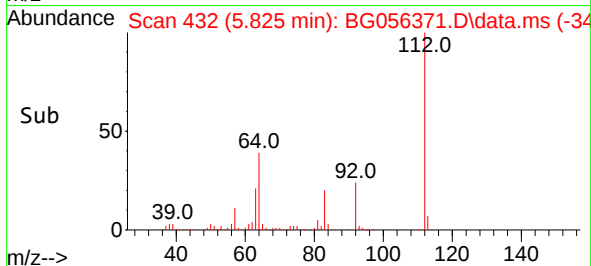
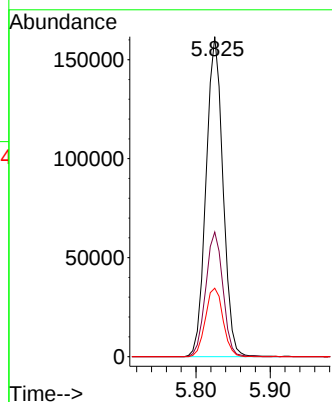
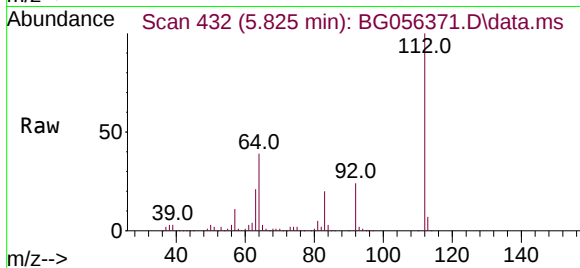
#5  
2-Fluorophenol  
Concen: 128.071 ng  
RT: 5.825 min Scan# 436  
Delta R.T. -0.001 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

Instrument :  
BNA\_G  
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BORING-3MSD

Tgt Ion:112 Resp: 255597  
Ion Ratio Lower Upper  
112 100  
64 38.9 33.3 49.9  
63 21.4 19.0 28.4

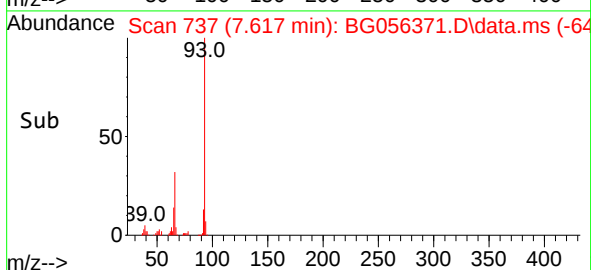
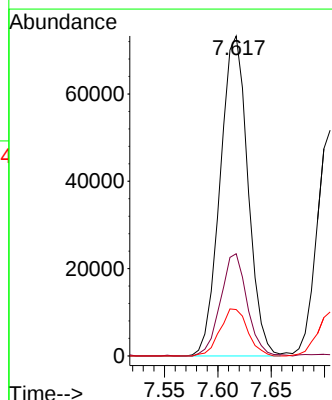
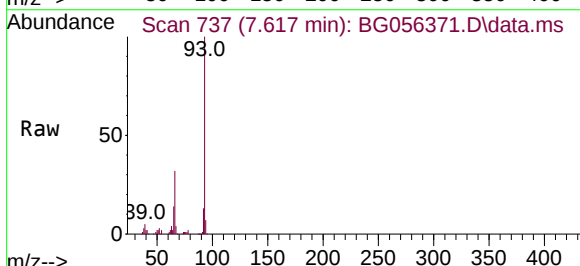
Manual Integrations  
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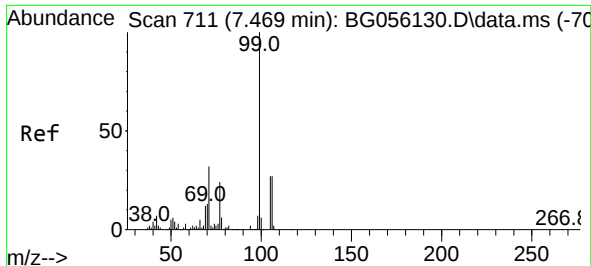
Reviewed By :Christian Giraldo 01/23/2023  
Supervised By :Jagrut Upadhyay 01/23/2023



#6  
Aniline  
Concen: 33.080 ng  
RT: 7.617 min Scan# 737  
Delta R.T. -0.007 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

Tgt Ion: 93 Resp: 132956  
Ion Ratio Lower Upper  
93 100  
66 31.9 25.4 38.2  
65 14.5 11.4 17.2





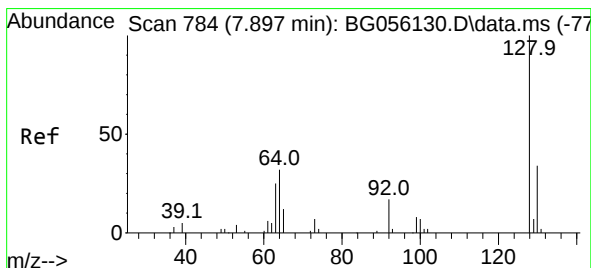
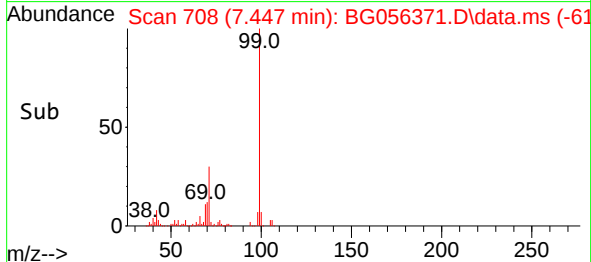
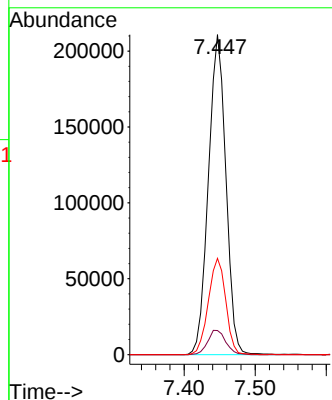
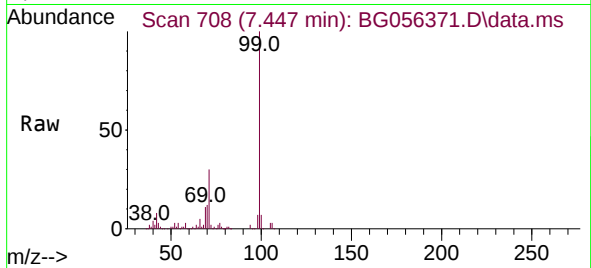
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Phenol-d6  
Concen: 117.321 ng  
RT: 7.447 min Scan# 708  
Delta R.T. -0.001 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

Instrument :  
BNA\_G  
ClientSampleId :  
BORING-3MSD

Tgt Ion: 99 Resp: 359578  
Ion Ratio Lower Upper  
99 100  
42 7.6 5.9 8.9  
71 30.1 25.4 38.2

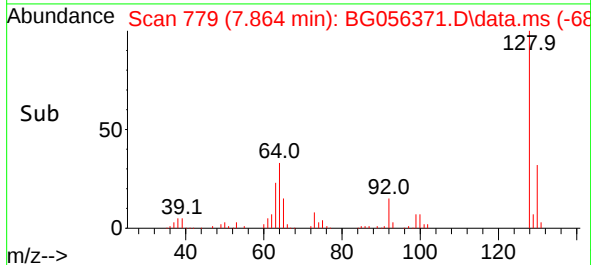
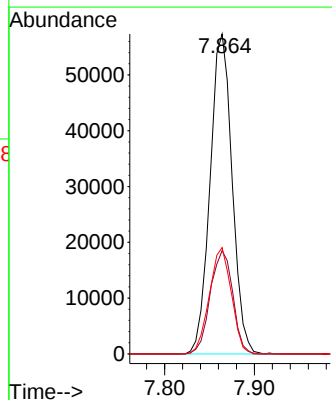
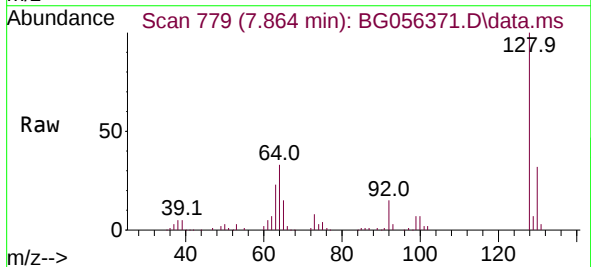
Manual Integrations  
APPROVED

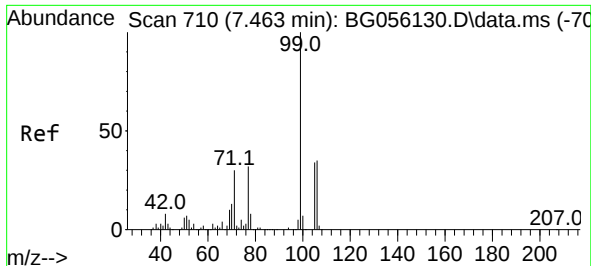
Reviewed By :Christian Giraldo 01/23/2023  
Supervised By :Jagrut Upadhyay 01/23/2023



#8  
2-Chlorophenol  
Concen: 49.427 ng  
RT: 7.864 min Scan# 779  
Delta R.T. -0.001 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

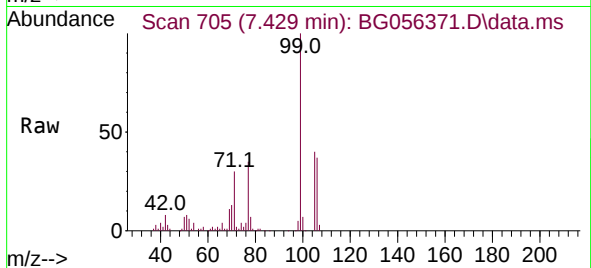
Tgt Ion:128 Resp: 98161  
Ion Ratio Lower Upper  
128 100  
130 32.3 13.5 53.5  
64 33.2 18.0 58.0





#9  
Benzaldehyde  
Concen: 23.517 ng  
RT: 7.429 min Scan# 705  
Delta R.T. -0.001 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

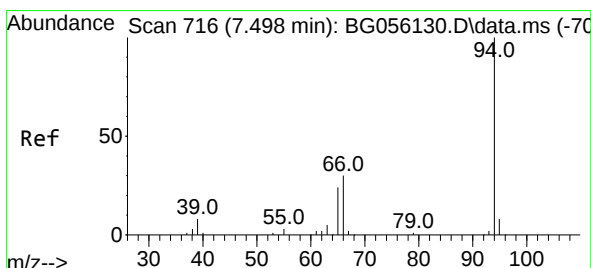
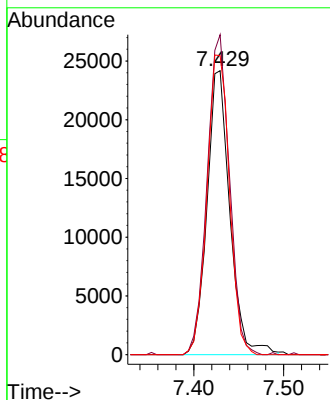
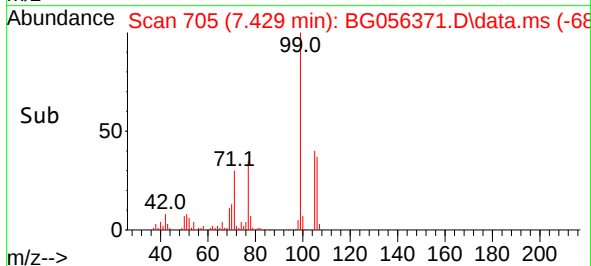
Instrument :  
BNA\_G  
ClientSampleId :  
BORING-3MSD



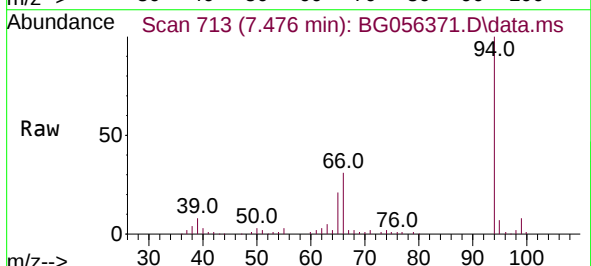
Tgt Ion: 77 Resp: 42856  
Ion Ratio Lower Upper  
77 100  
105 112.7 86.8 126.8  
106 105.3 89.3 129.3

Manual Integrations  
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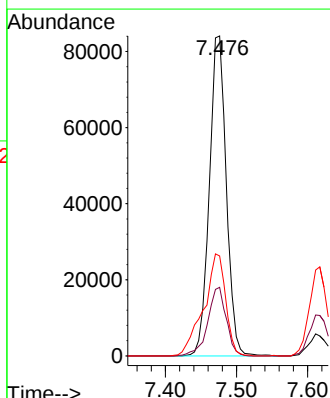
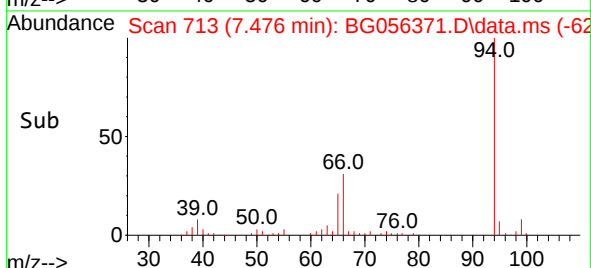
Reviewed By :Christian Giraldo 01/23/2023  
Supervised By :Jagrut Upadhyay 01/23/2023

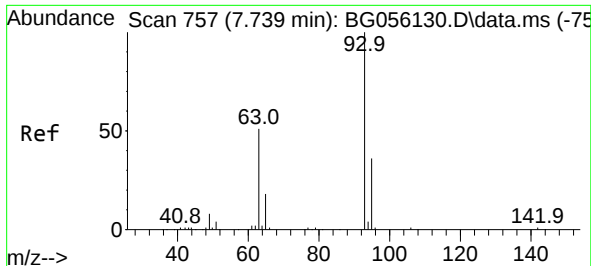


#10  
Phenol  
Concen: 44.838 ng  
RT: 7.476 min Scan# 713  
Delta R.T. -0.001 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24



Tgt Ion: 94 Resp: 139366  
Ion Ratio Lower Upper  
94 100  
65 21.4 4.3 44.3  
66 31.2 13.2 53.2





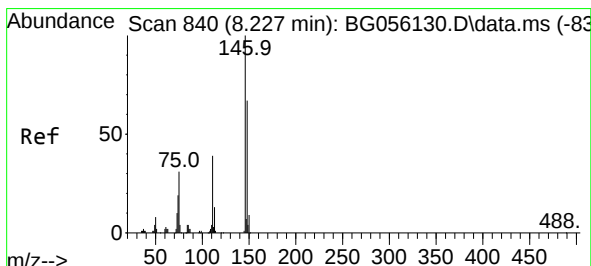
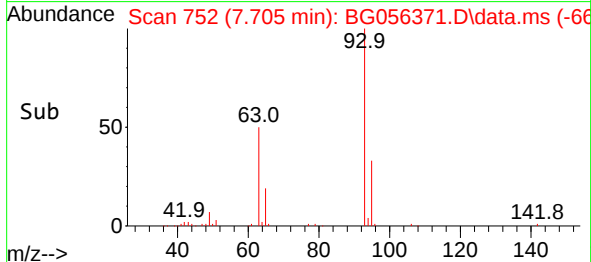
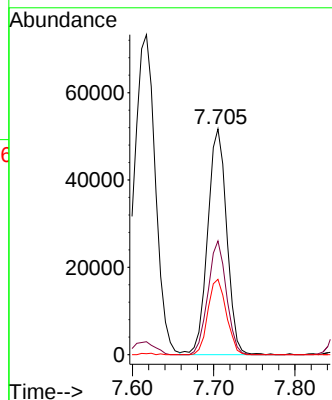
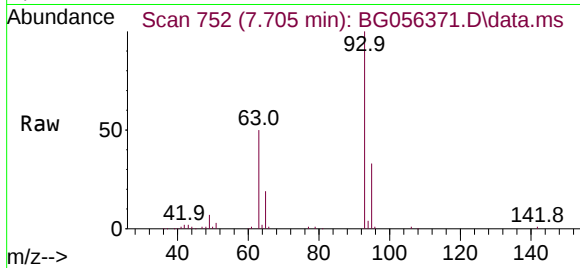
#11  
bis(2-Chloroethyl)ether  
Concen: 39.981 ng  
RT: 7.705 min Scan# 71  
Delta R.T. -0.007 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

Instrument :  
BNA\_G  
ClientSampleId :  
BORING-3MSD

Tgt Ion: 93 Resp: 84214  
Ion Ratio Lower Upper  
93 100  
63 50.4 30.5 70.5  
95 33.4 15.9 55.9

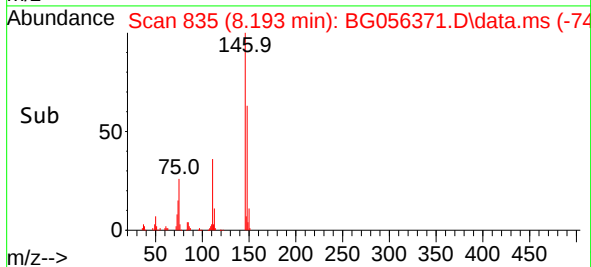
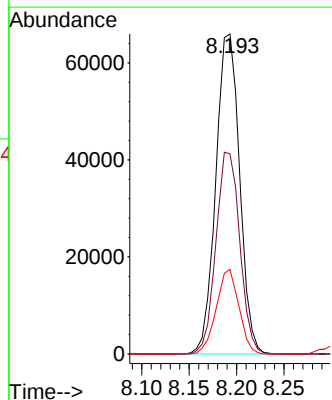
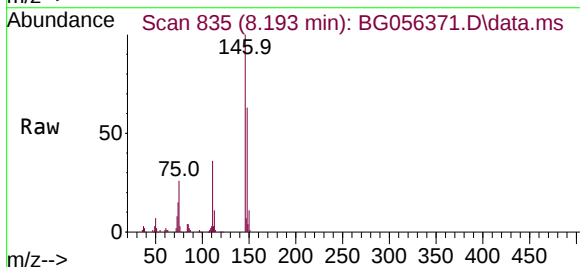
Manual Integrations  
APPROVED

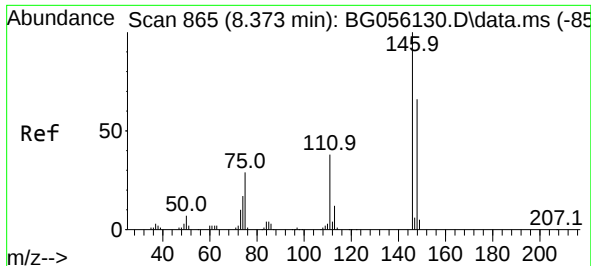
Reviewed By :Christian Giraldo 01/23/2023  
Supervised By :Jagrut Upadhyay 01/23/2023



#12  
1,3-Dichlorobenzene  
Concen: 47.603 ng  
RT: 8.193 min Scan# 835  
Delta R.T. -0.001 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

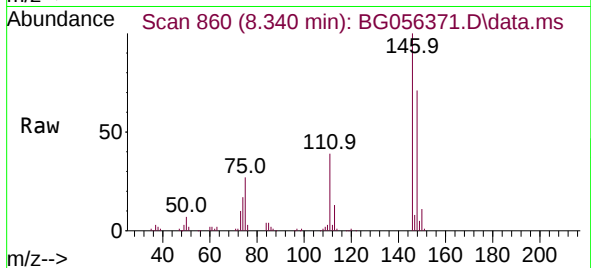
Tgt Ion:146 Resp: 115058  
Ion Ratio Lower Upper  
146 100  
148 62.5 53.5 80.3  
75 26.4 24.8 37.2





#13  
1,4-Dichlorobenzene  
Concen: 46.938 ng  
RT: 8.340 min Scan# 865  
Delta R.T. -0.007 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

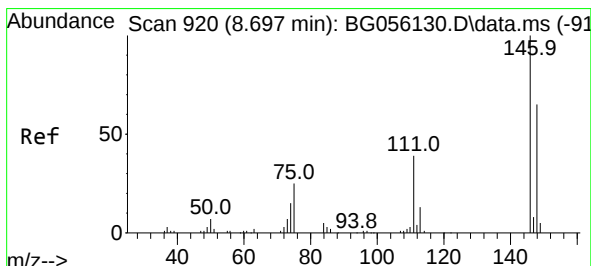
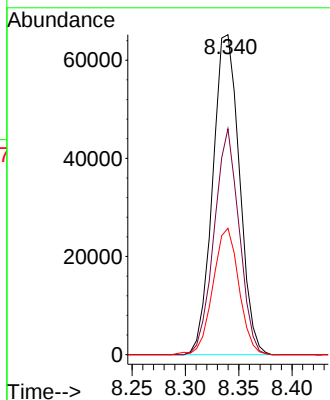
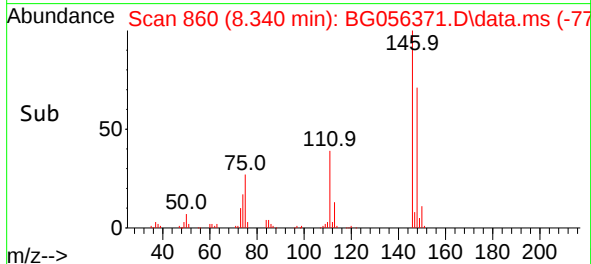
Instrument :  
BNA\_G  
ClientSampleId :  
BORING-3MSD



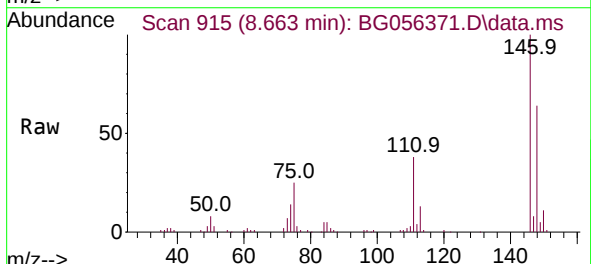
Tgt Ion:146 Resp: 113926  
Ion Ratio Lower Upper  
146 100  
148 70.6 52.8 79.2  
111 39.5 30.5 45.7

Manual Integrations  
APPROVED

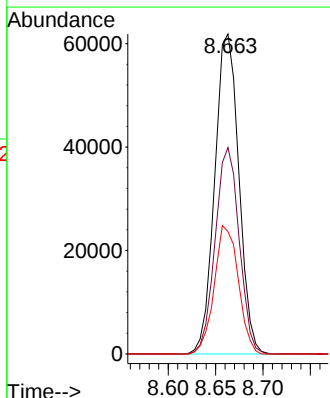
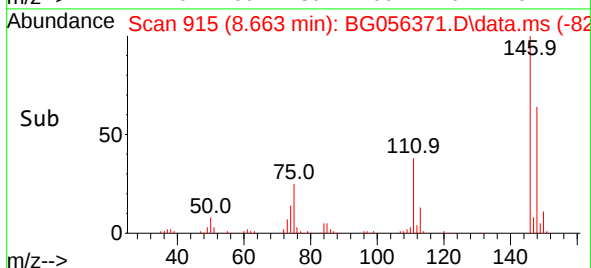
Reviewed By :Christian Giraldo 01/23/2023  
Supervised By :Jagrut Upadhyay 01/23/2023

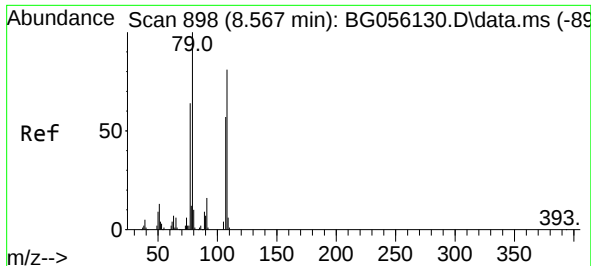


#14  
1,2-Dichlorobenzene  
Concen: 46.701 ng  
RT: 8.663 min Scan# 915  
Delta R.T. -0.007 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24



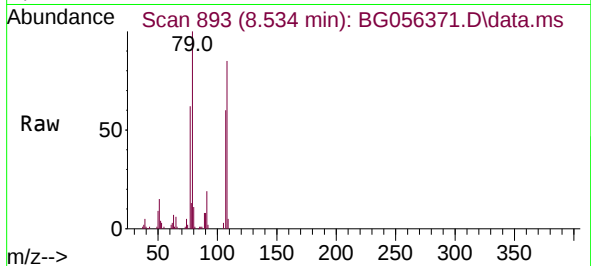
Tgt Ion:146 Resp: 109373  
Ion Ratio Lower Upper  
146 100  
148 64.5 51.7 77.5  
111 38.2 31.5 47.3





#15  
Benzyl Alcohol  
Concen: 40.043 ng  
RT: 8.534 min Scan# 898  
Delta R.T. -0.007 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

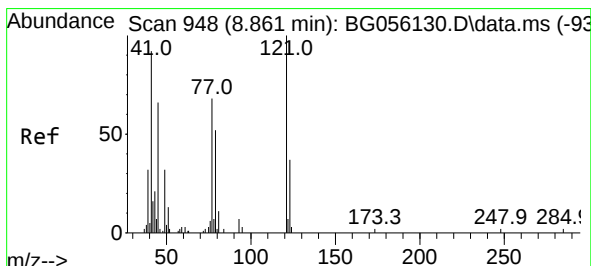
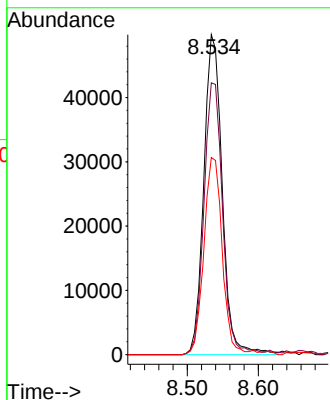
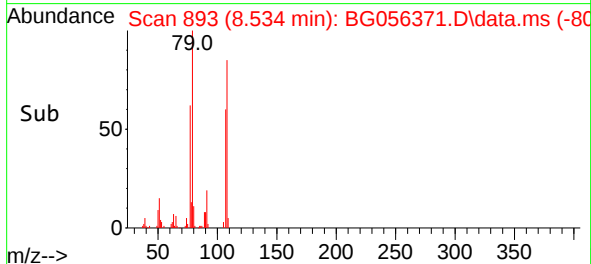
Instrument :  
BNA\_G  
ClientSampleId :  
BORING-3MSD



Tgt Ion: 79 Resp: 89321  
Ion Ratio Lower Upper  
79 100  
108 84.9 64.7 97.1  
77 61.6 51.5 77.3

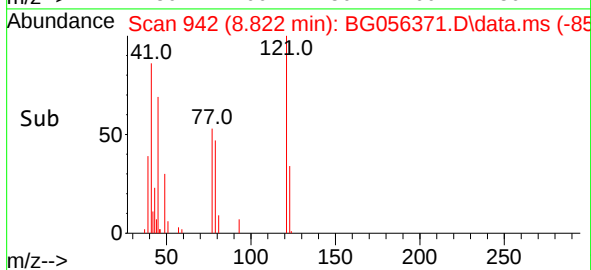
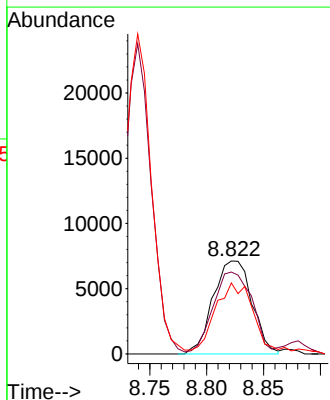
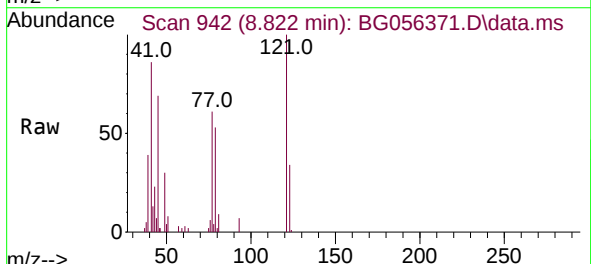
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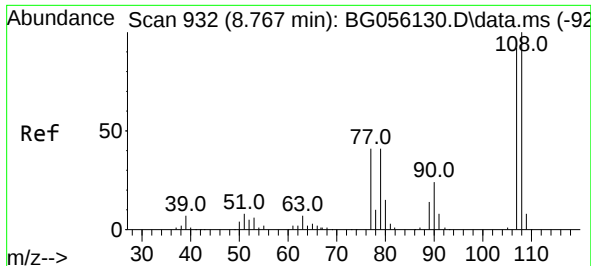
Reviewed By :Christian Giraldo 01/23/2023  
Supervised By :Jagrut Upadhyay 01/23/2023



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 45.387 ng  
RT: 8.822 min Scan# 942  
Delta R.T. -0.007 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

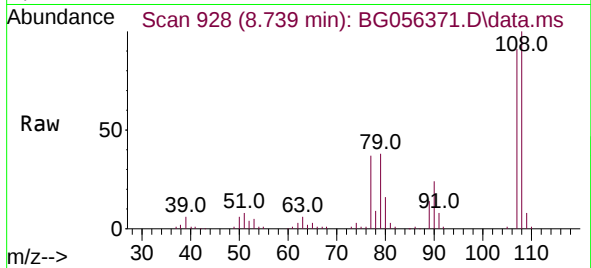
Tgt Ion: 45 Resp: 16894  
Ion Ratio Lower Upper  
45 100  
77 88.1 88.2 128.2#  
79 76.3 61.2 101.2





#17  
2-Methylphenol  
Concen: 42.539 ng  
RT: 8.739 min Scan# 91  
Delta R.T. -0.001 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

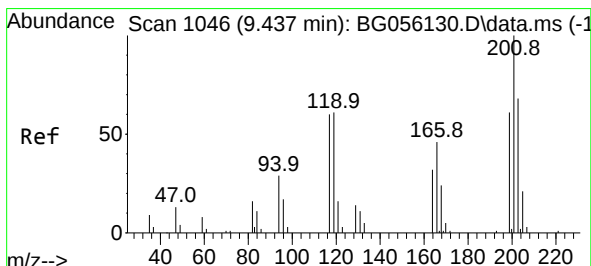
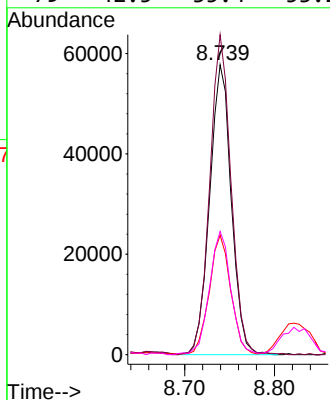
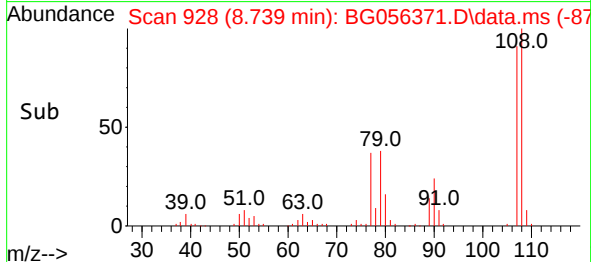
Instrument :  
BNA\_G  
ClientSampleId :  
BORING-3MSD



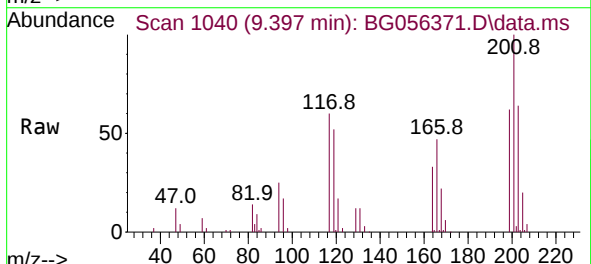
Tgt Ion:107 Resp: 97020  
Ion Ratio Lower Upper  
107 100  
108 110.4 86.6 129.8  
77 41.2 35.4 53.2  
79 42.5 35.4 53.2

Manual Integrations  
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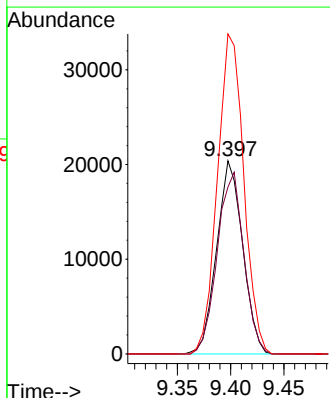
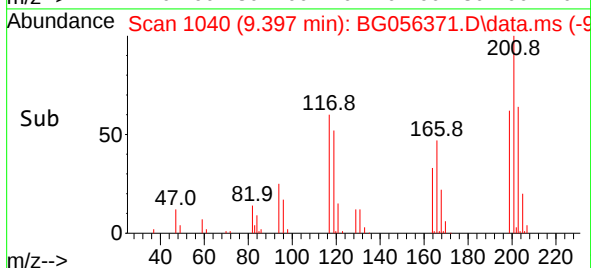
Reviewed By :Christian Giraldo 01/23/2023  
Supervised By :Jagrut Upadhyay 01/23/2023

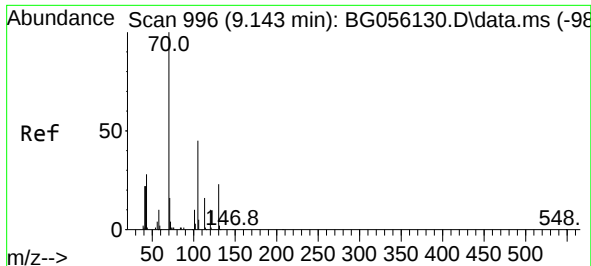


#18  
Hexachloroethane  
Concen: 47.015 ng  
RT: 9.397 min Scan# 1040  
Delta R.T. -0.007 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24



Tgt Ion:117 Resp: 34666  
Ion Ratio Lower Upper  
117 100  
119 86.4 81.8 122.6  
201 165.8 134.2 201.2





#19

n-Nitroso-di-n-propylamine

Concen: 36.028 ng

RT: 9.104 min Scan# 996

Delta R.T. -0.007 min

Lab File: BG056371.D

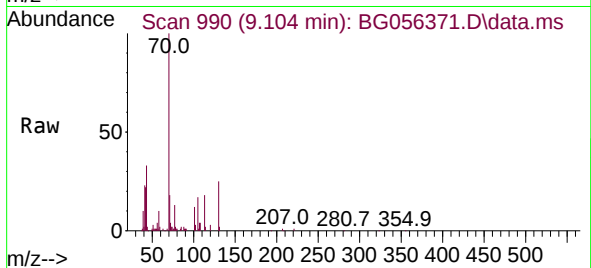
Acq: 20 Jan 2023 17:24

Instrument :

BNA\_G

ClientSampleId :

BORING-3MSD



Tgt Ion: 70 Resp: 67146

Ion Ratio Lower Upper

70 100

42 21.9 18.2 27.2

101 12.2 8.3 12.5

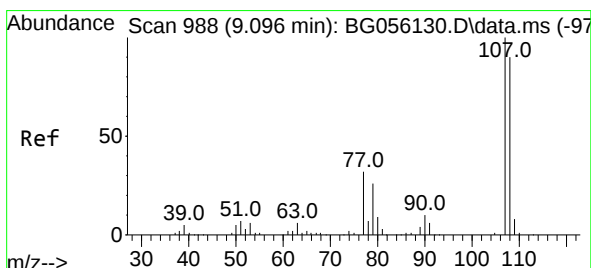
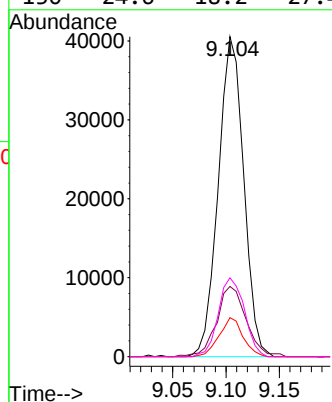
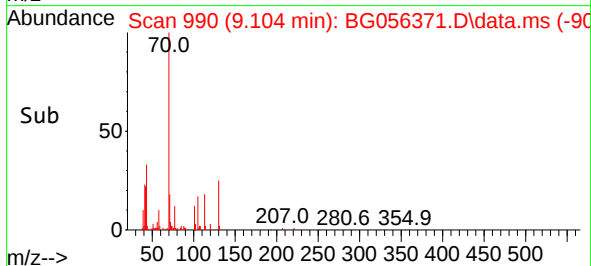
130 24.6 18.2 27.4

Manual Integrations

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Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#20

3+4-Methylphenols

Concen: 41.267 ng

RT: 9.068 min Scan# 984

Delta R.T. -0.001 min

Lab File: BG056371.D

Acq: 20 Jan 2023 17:24

Tgt Ion:107 Resp: 132325

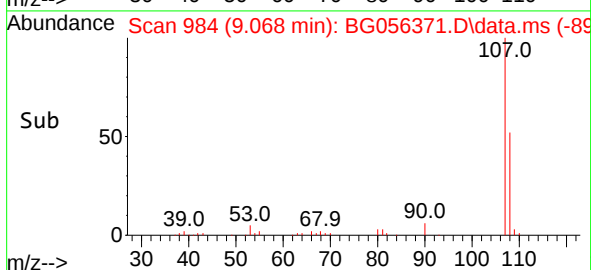
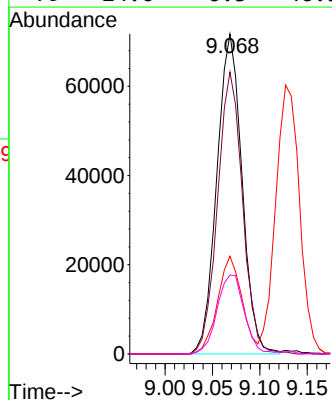
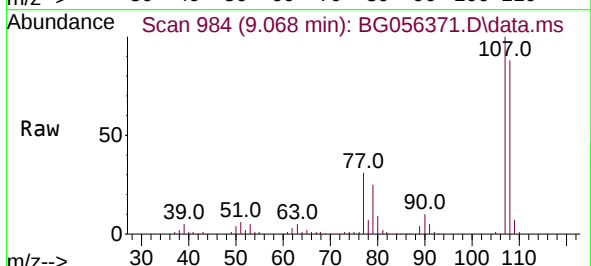
Ion Ratio Lower Upper

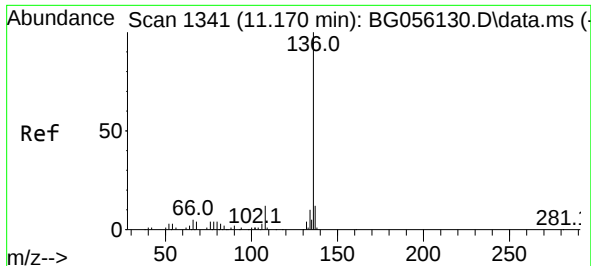
107 100

108 88.1 69.6 109.6

77 30.5 11.7 51.7

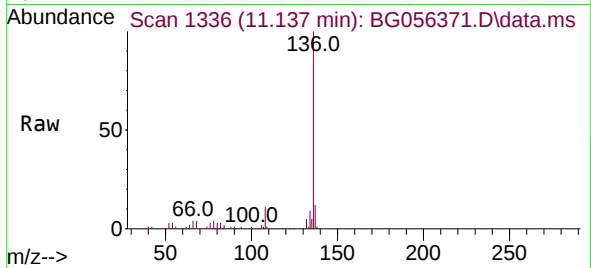
79 24.6 6.3 46.3





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.137 min Scan# 1336  
Delta R.T. -0.001 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

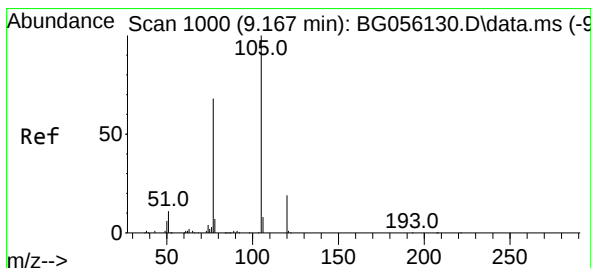
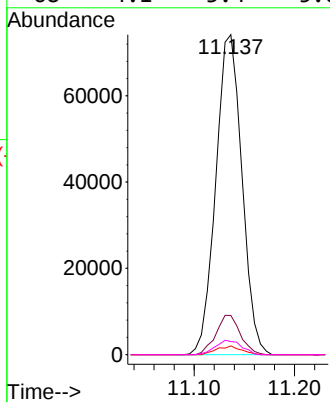
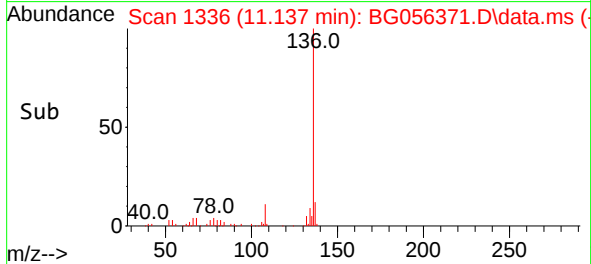
Instrument :  
BNA\_G  
ClientSampleId :  
BORING-3MSD



Tgt Ion:136 Resp: 134409  
Ion Ratio Lower Upper  
136 100  
137 12.2 9.4 14.0  
54 2.7 2.2 3.2  
68 4.1 3.4 5.0

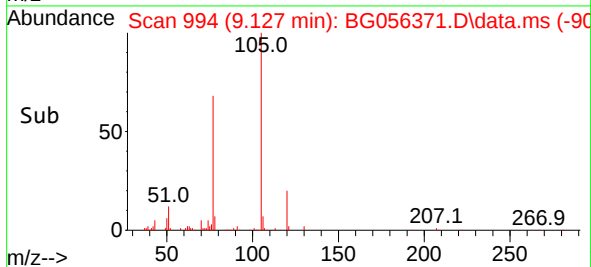
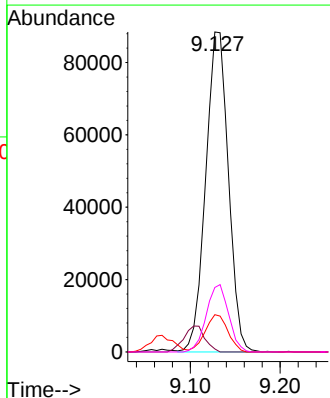
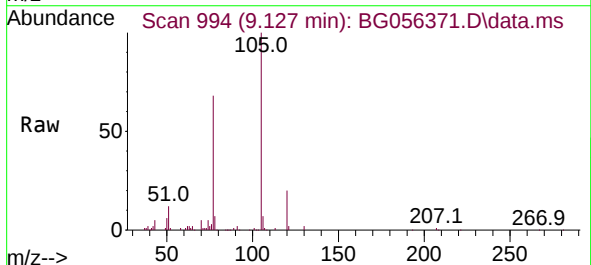
Manual Integrations  
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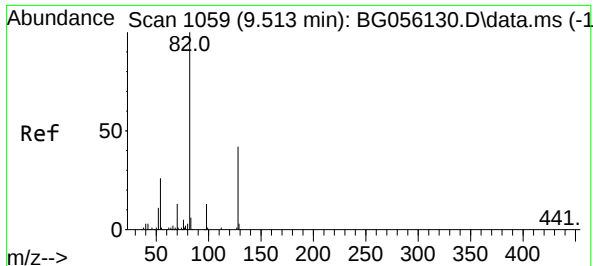
Reviewed By :Christian Giraldo 01/23/2023  
Supervised By :Jagrut Upadhyay 01/23/2023



#22  
Acetophenone  
Concen: 41.073 ng  
RT: 9.127 min Scan# 994  
Delta R.T. -0.007 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

Tgt Ion:105 Resp: 156094  
Ion Ratio Lower Upper  
105 100  
71 1.0 0.5 0.7#  
51 11.6 9.3 13.9  
120 20.1 15.5 23.3





#23

Nitrobenzene-d5

Concen: 71.668 ng

RT: 9.480 min Scan# 1054

Delta R.T. -0.007 min

Lab File: BG056371.D

Acq: 20 Jan 2023 17:24

Instrument :

BNA\_G

ClientSampleId :

BORING-3MSD

Tgt Ion: 82 Resp: 188320

Ion Ratio Lower Upper

82 100

128 46.6 33.4 50.2

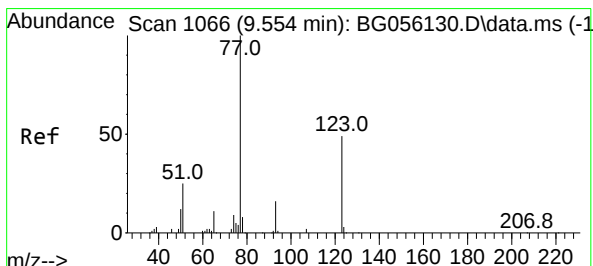
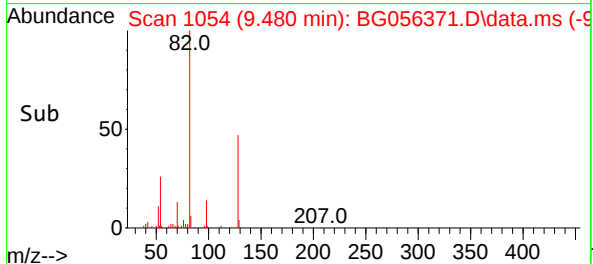
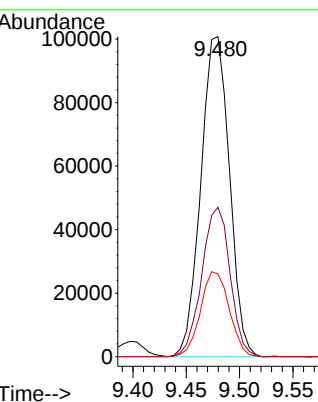
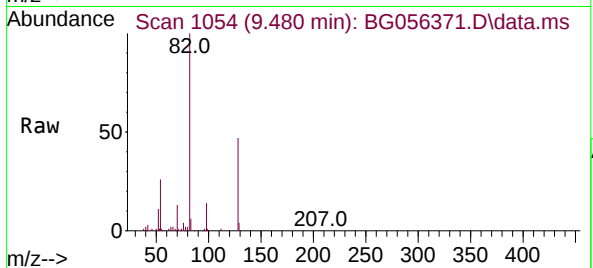
54 25.8 20.3 30.5

Manual Integrations

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Reviewed By :Christian Giraldo 01/23/2023

Supervised By :Jagrut Upadhyay 01/23/2023



#24

Nitrobenzene

Concen: 37.712 ng

RT: 9.521 min Scan# 1061

Delta R.T. -0.007 min

Lab File: BG056371.D

Acq: 20 Jan 2023 17:24

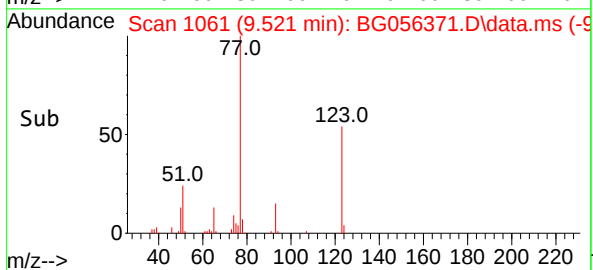
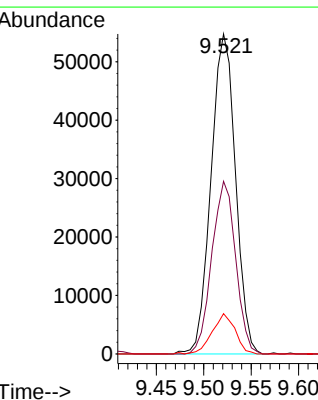
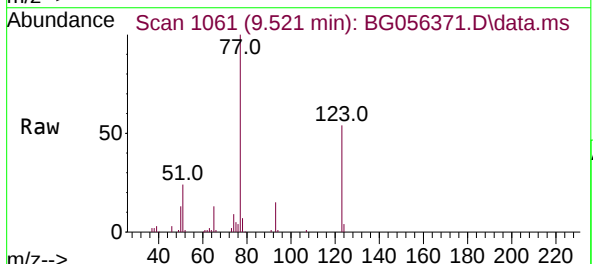
Tgt Ion: 77 Resp: 98202

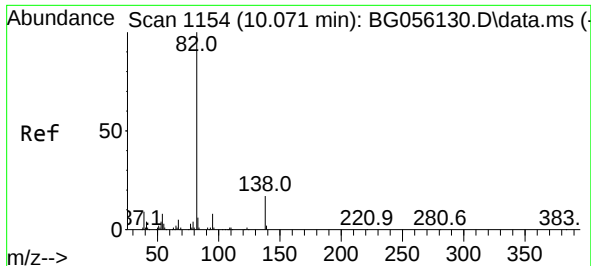
Ion Ratio Lower Upper

77 100

123 53.9 38.8 58.2

65 12.6 9.1 13.7





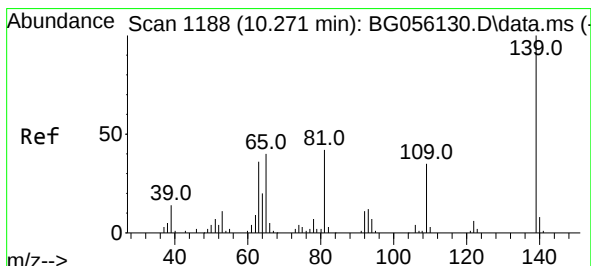
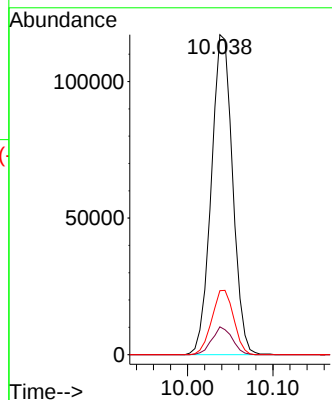
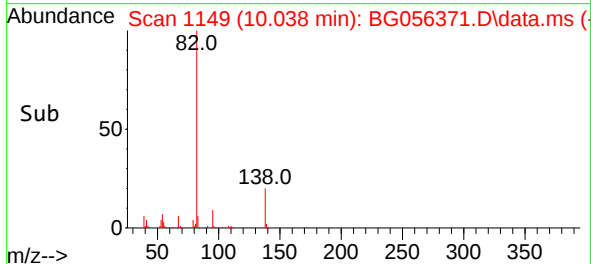
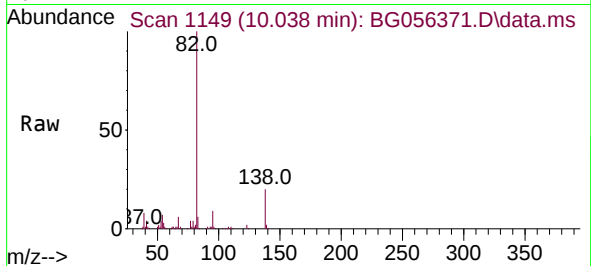
#25  
Isophorone  
Concen: 36.734 ng  
RT: 10.038 min Scan# 1149  
Delta R.T. -0.007 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

Instrument :  
BNA\_G  
ClientSampleId :  
BORING-3MSD

Tgt Ion: 82 Resp: 20308  
Ion Ratio Lower Upper  
82 100  
95 8.7 6.7 10.1  
138 20.0 13.7 20.5

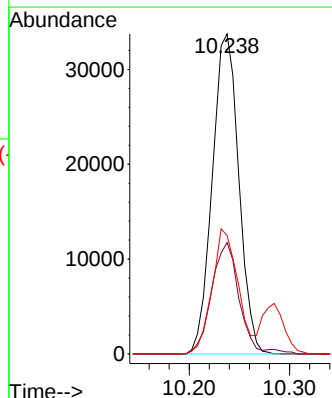
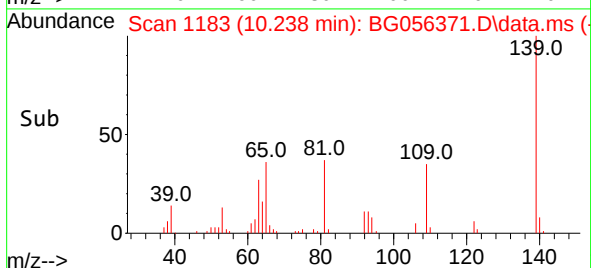
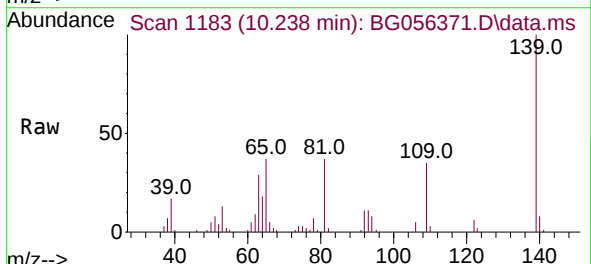
Manual Integrations  
APPROVED

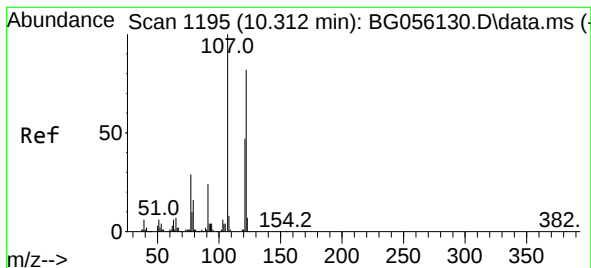
Reviewed By :Christian Giraldo 01/23/2023  
Supervised By :Jagrut Upadhyay 01/23/2023



#26  
2-Nitrophenol  
Concen: 46.431 ng  
RT: 10.238 min Scan# 1183  
Delta R.T. -0.007 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

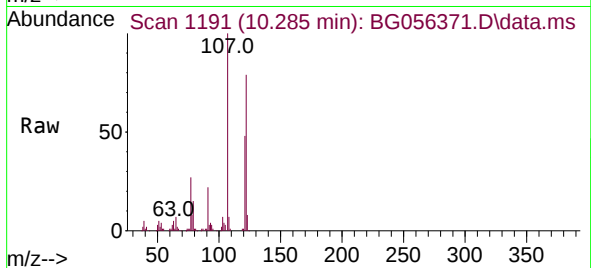
Tgt Ion:139 Resp: 61862  
Ion Ratio Lower Upper  
139 100  
109 34.8 28.4 42.6  
65 37.0 32.1 48.1





#27  
2,4-Dimethylphenol  
Concen: 45.276 ng m  
RT: 10.285 min Scan# 1195  
Delta R.T. -0.001 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

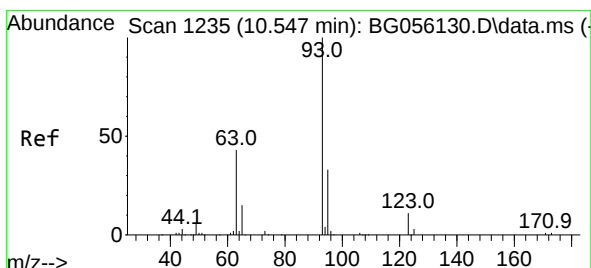
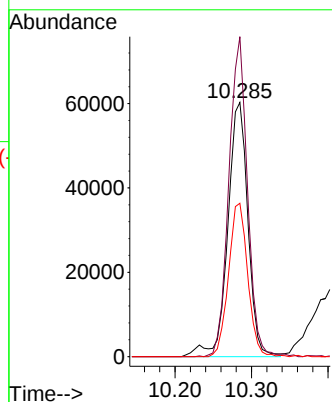
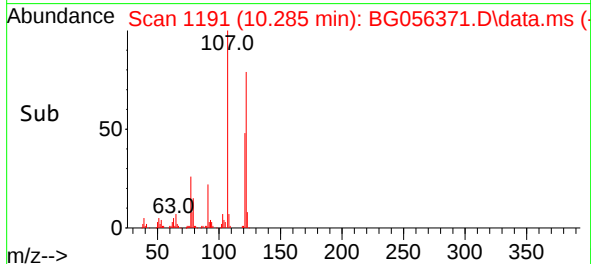
Instrument :  
BNA\_G  
ClientSampleId :  
BORING-3MSD



Tgt Ion:122 Resp: 110025  
Ion Ratio Lower Upper  
122 100  
107 125.9 97.5 146.3  
121 60.3 45.9 68.9

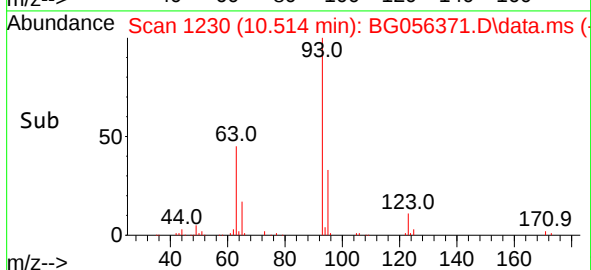
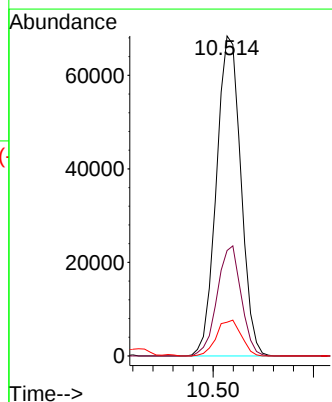
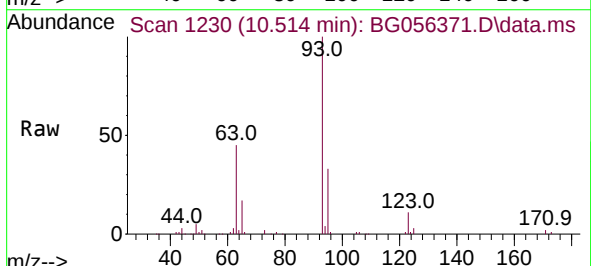
Manual Integrations  
APPROVED

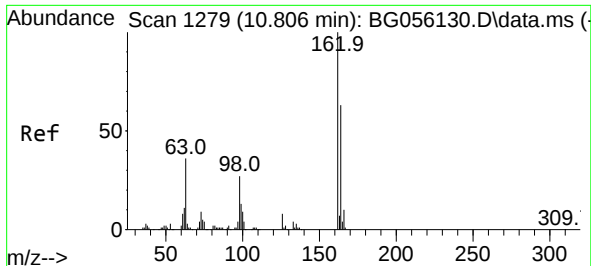
Reviewed By :Christian Giraldo 01/23/2023  
Supervised By :Jagrut Upadhyay 01/23/2023



#28  
bis(2-Chloroethoxy)methane  
Concen: 40.278 ng  
RT: 10.514 min Scan# 1230  
Delta R.T. -0.007 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

Tgt Ion: 93 Resp: 115737  
Ion Ratio Lower Upper  
93 100  
95 33.0 26.2 39.2  
123 10.5 9.0 13.6





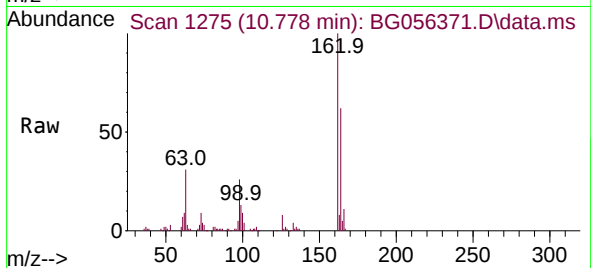
#29  
2,4-Dichlorophenol  
Concen: 47.212 ng  
RT: 10.778 min Scan# 1275  
Delta R.T. -0.001 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

Instrument :

BNA\_G

ClientSampleId :

BORING-3MSD

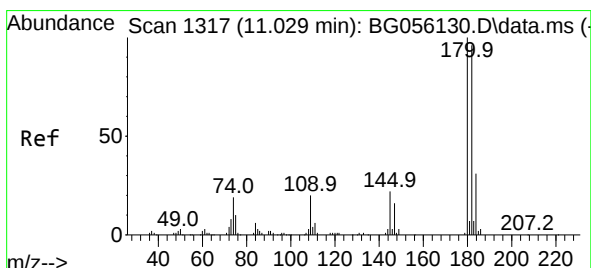
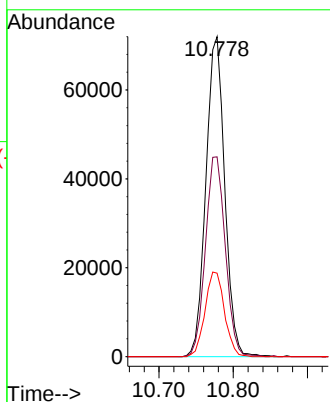
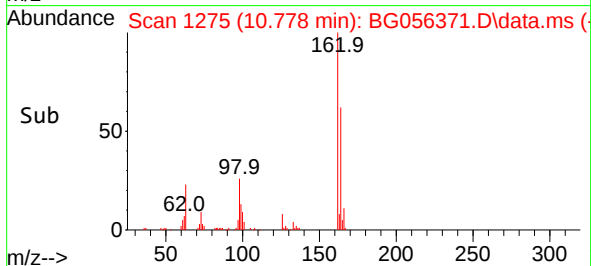


Tgt Ion:162 Resp: 126839  
Ion Ratio Lower Upper  
162 100  
164 62.4 43.3 83.3  
98 26.1 6.8 46.8

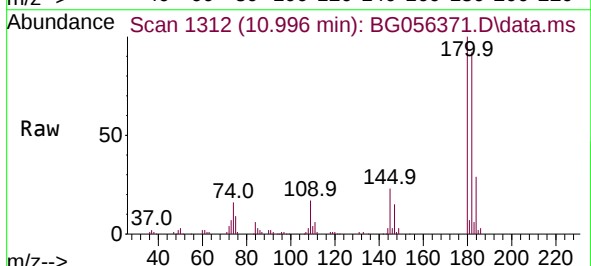
Manual Integrations

APPROVED

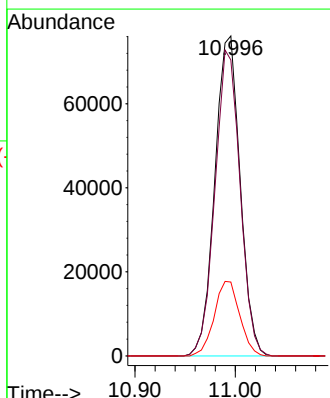
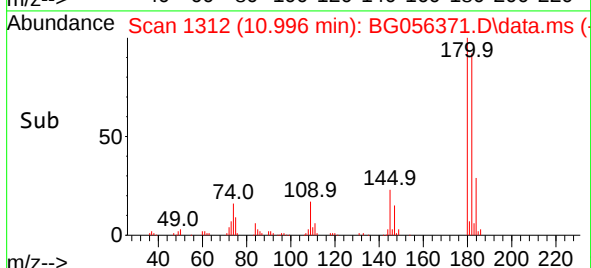
Reviewed By :Christian Giraldo 01/23/2023  
Supervised By :Jagrut Upadhyay 01/23/2023

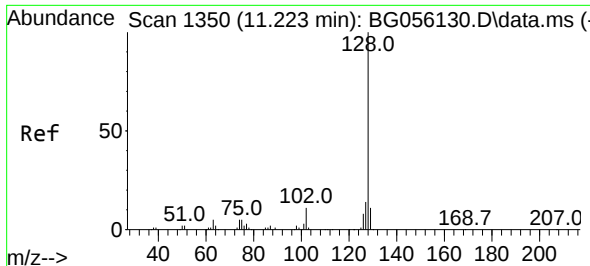


#30  
1,2,4-Trichlorobenzene  
Concen: 43.785 ng  
RT: 10.996 min Scan# 1312  
Delta R.T. -0.001 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24



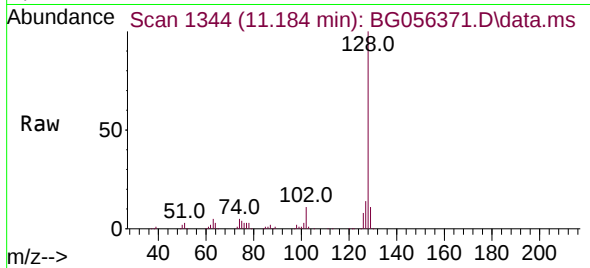
Tgt Ion:180 Resp: 133490  
Ion Ratio Lower Upper  
180 100  
182 92.5 77.0 115.4  
145 23.1 17.4 26.2





#31  
Naphthalene  
Concen: 43.168 ng  
RT: 11.184 min Scan# 1350  
Delta R.T. -0.013 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

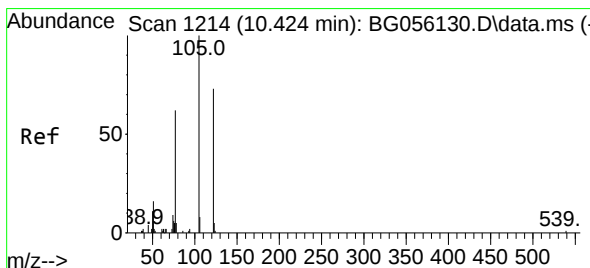
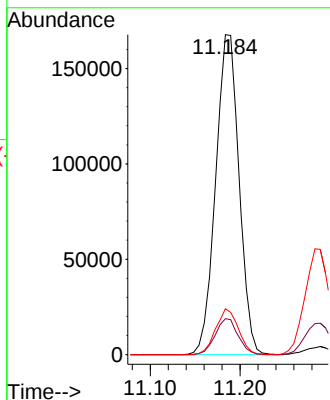
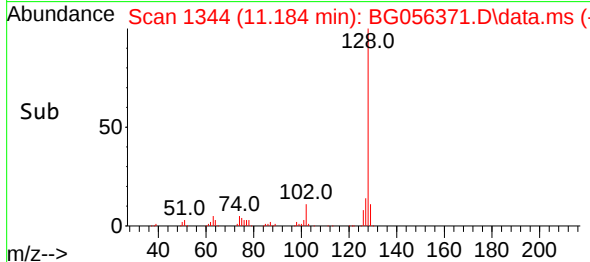
Instrument :  
BNA\_G  
ClientSampleId :  
BORING-3MSD



Tgt Ion:128 Resp: 305359  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.9 13.3  
127 14.3 11.2 16.8

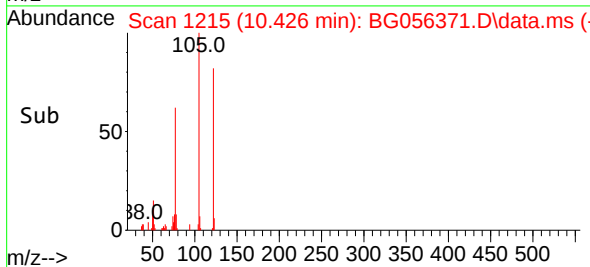
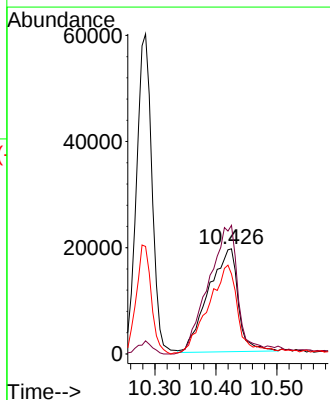
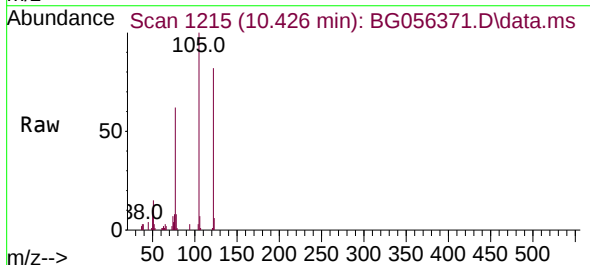
Manual Integrations  
APPROVED

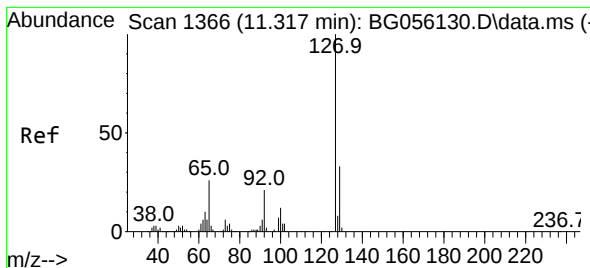
Reviewed By :Christian Giraldo 01/23/2023  
Supervised By :Jagrut Upadhyay 01/23/2023



#32  
Benzoic acid  
Concen: 36.644 ng  
RT: 10.426 min Scan# 1215  
Delta R.T. -0.001 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

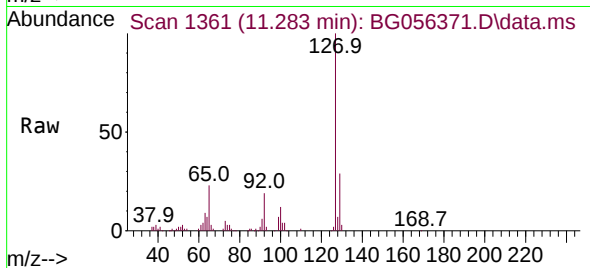
Tgt Ion:122 Resp: 66072  
Ion Ratio Lower Upper  
122 100  
105 122.4 109.0 149.0  
77 76.1 63.1 103.1





#33  
4-Chloroaniline  
Concen: 31.484 ng  
RT: 11.283 min Scan# 1361  
Delta R.T. -0.007 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

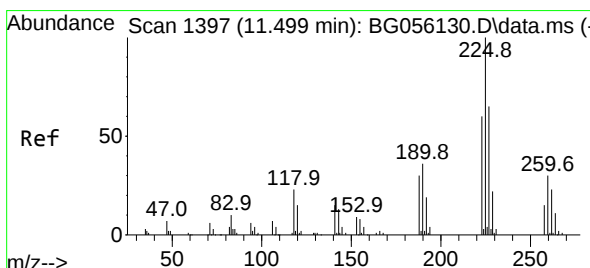
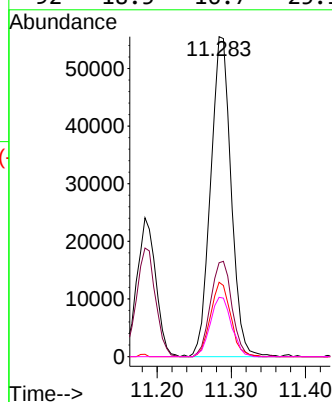
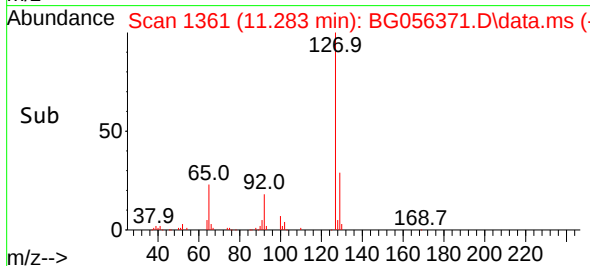
Instrument :  
BNA\_G  
ClientSampleId :  
BORING-3MSD



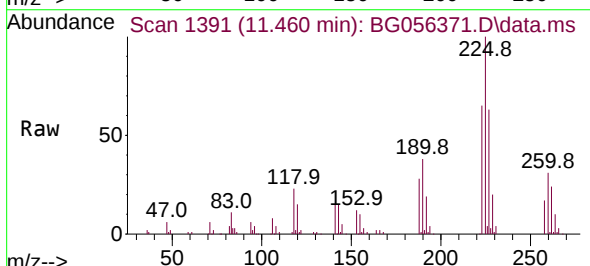
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 29.3  | 26.1  | 39.1  |
| 65      | 23.2  | 20.9  | 31.3  |
| 92      | 18.5  | 16.7  | 25.1  |

Manual Integrations  
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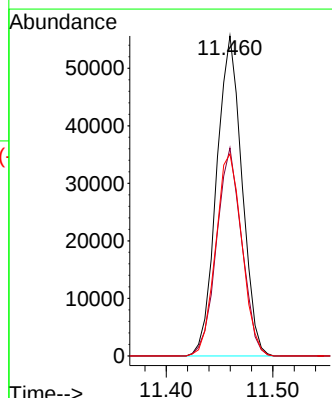
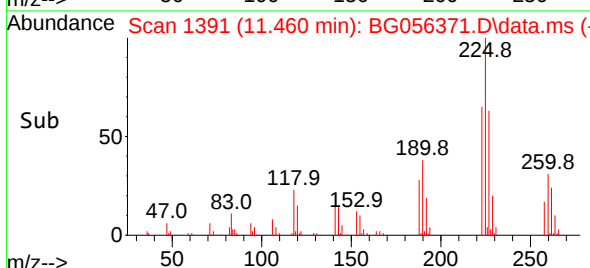
Reviewed By :Christian Giraldo 01/23/2023  
Supervised By :Jagrut Upadhyay 01/23/2023

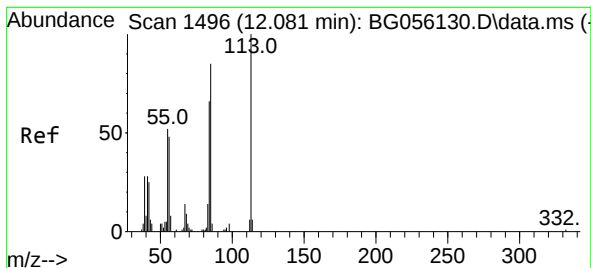


#34  
Hexachlorobutadiene  
Concen: 41.950 ng  
RT: 11.460 min Scan# 1391  
Delta R.T. -0.007 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24



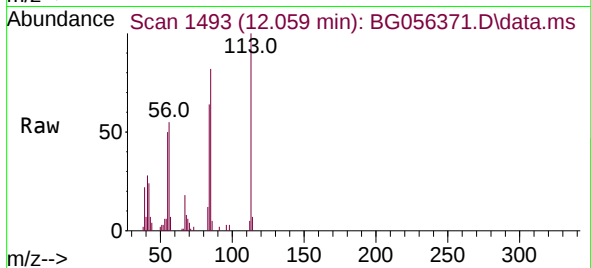
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 65.0  | 47.7  | 71.5  |
| 227     | 65.9  | 52.3  | 78.5  |





#35  
Caprolactam  
Concen: 42.960 ng m  
RT: 12.059 min Scan# 1496  
Delta R.T. -0.007 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

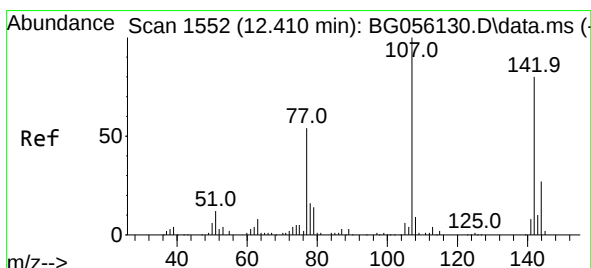
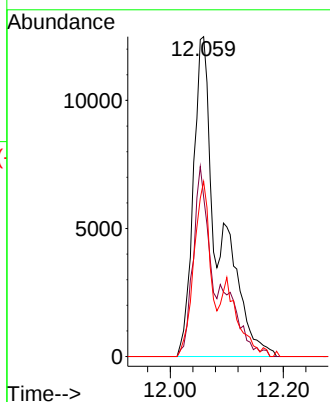
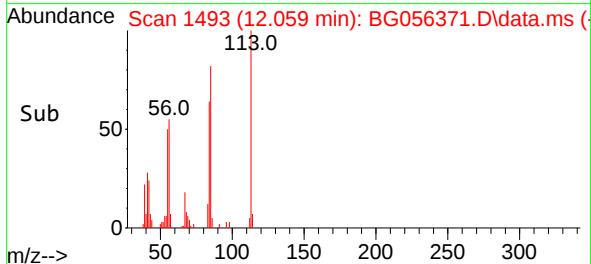
Instrument :  
BNA\_G  
ClientSampleId :  
BORING-3MSD



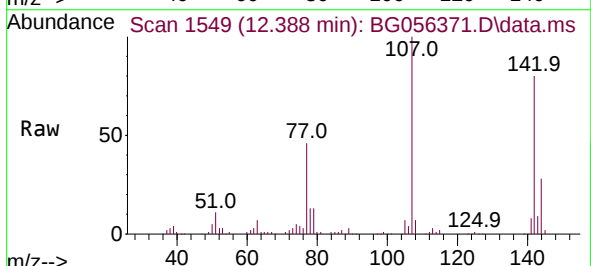
Tgt Ion:113 Resp: 39076  
Ion Ratio Lower Upper  
113 100  
55 49.9 31.9 71.9  
56 54.7 27.6 67.6

Manual Integrations  
APPROVED

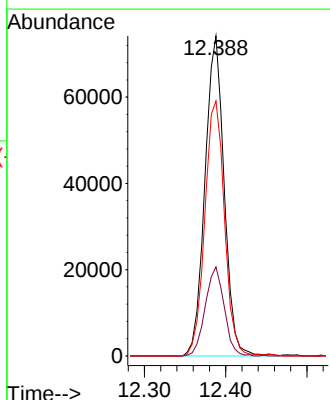
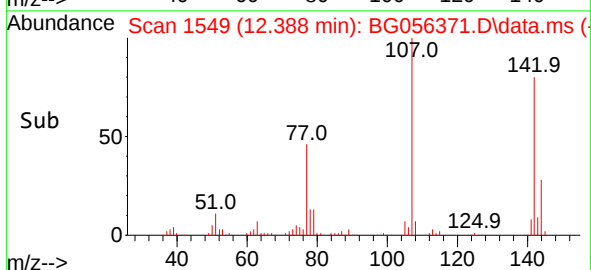
Reviewed By :Christian Giraldo 01/23/2023  
Supervised By :Jagrut Upadhyay 01/23/2023

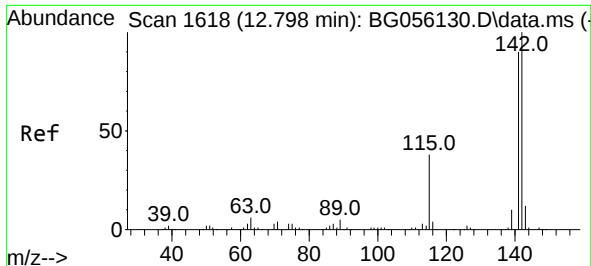


#36  
4-Chloro-3-methylphenol  
Concen: 44.671 ng  
RT: 12.388 min Scan# 1549  
Delta R.T. -0.001 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24



Tgt Ion:107 Resp: 121779  
Ion Ratio Lower Upper  
107 100  
144 27.8 21.5 32.3  
142 79.7 63.8 95.6





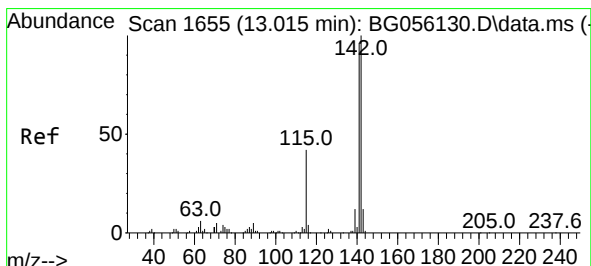
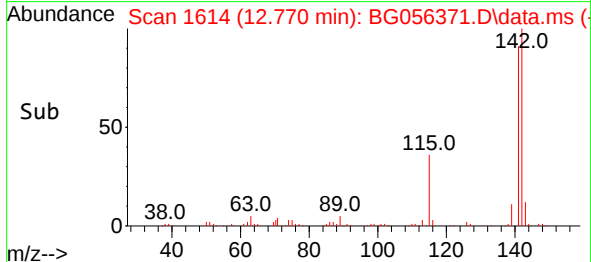
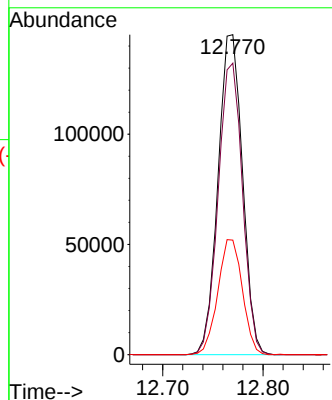
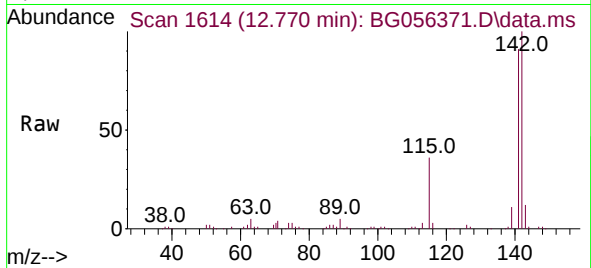
#37  
2-Methylnaphthalene  
Concen: 41.258 ng  
RT: 12.770 min Scan# 1614  
Delta R.T. -0.001 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

Instrument :  
BNA\_G  
ClientSampleId :  
BORING-3MSD

Tgt Ion:142 Resp: 246427  
Ion Ratio Lower Upper  
142 100  
141 91.1 72.2 108.4  
115 35.8 30.7 46.1

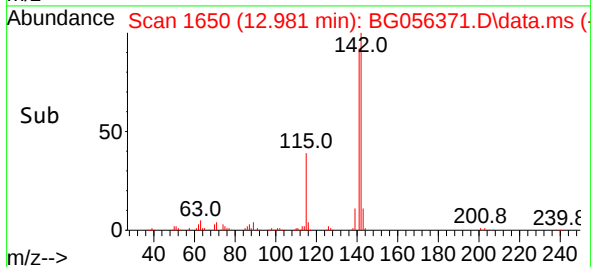
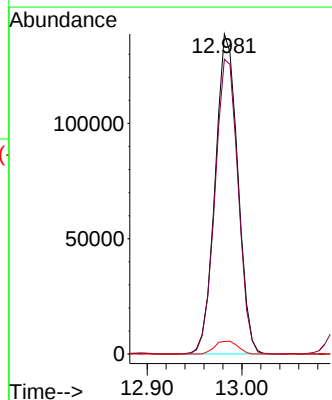
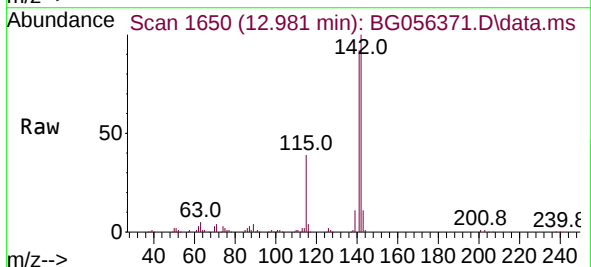
Manual Integrations  
APPROVED

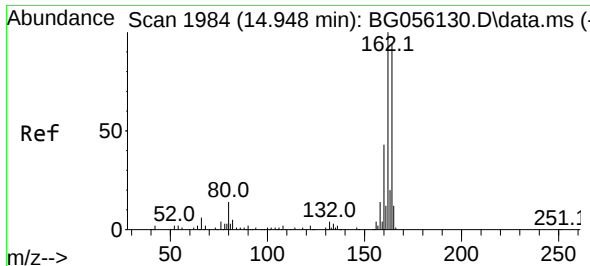
Reviewed By :Christian Giraldo 01/23/2023  
Supervised By :Jagrut Upadhyay 01/23/2023



#38  
1-Methylnaphthalene  
Concen: 41.391 ng  
RT: 12.981 min Scan# 1650  
Delta R.T. -0.007 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

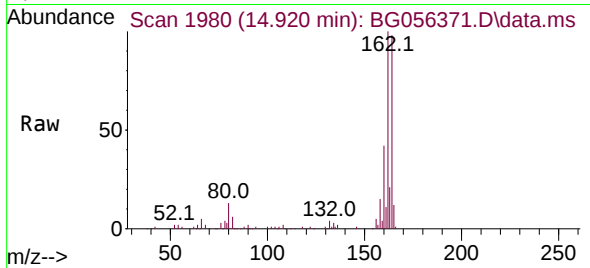
Tgt Ion:142 Resp: 229576  
Ion Ratio Lower Upper  
142 100  
141 92.1 77.0 115.6  
116 3.9 3.6 5.4





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.920 min Scan# 1984  
Delta R.T. -0.001 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

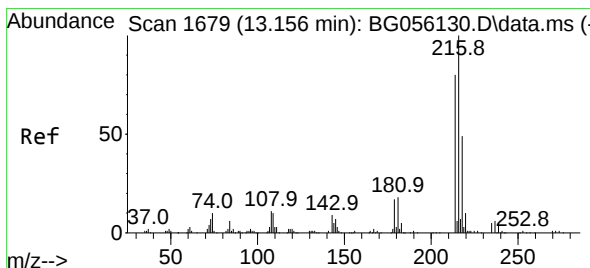
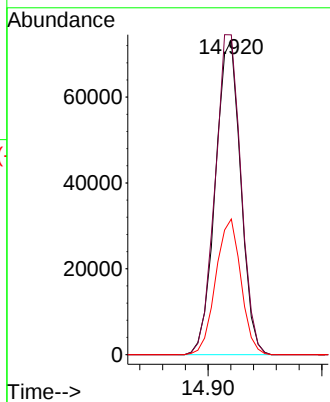
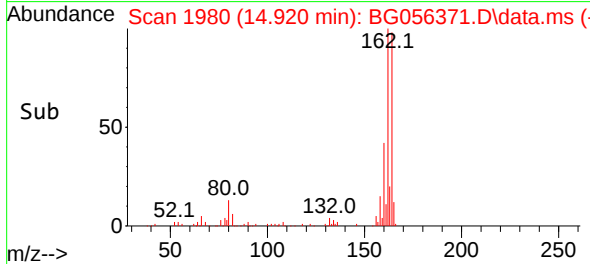
Instrument :  
BNA\_G  
ClientSampleId :  
BORING-3MSD



Tgt Ion:164 Resp: 113286  
Ion Ratio Lower Upper  
164 100  
162 101.7 84.7 127.1  
160 43.1 36.3 54.5

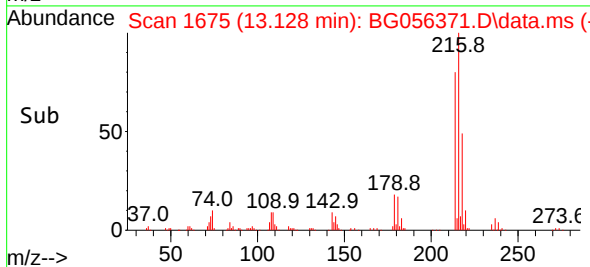
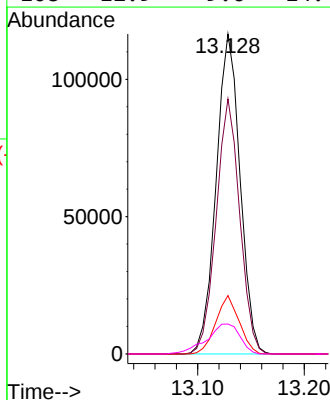
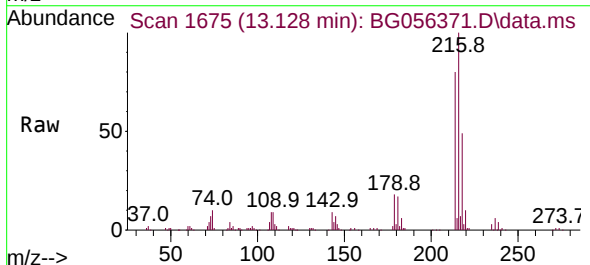
Manual Integrations  
APPROVED

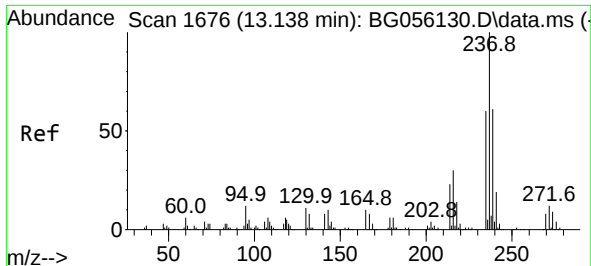
Reviewed By :Christian Giraldo 01/23/2023  
Supervised By :Jagrut Upadhyay 01/23/2023



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 42.835 ng  
RT: 13.128 min Scan# 1675  
Delta R.T. -0.007 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

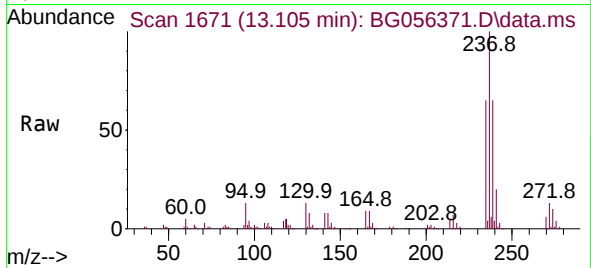
Tgt Ion:216 Resp: 181873  
Ion Ratio Lower Upper  
216 100  
214 78.3 63.4 95.0  
179 17.7 13.6 20.4  
108 12.9 9.6 14.4





#41  
Hexachlorocyclopentadiene  
Concen: 97.906 ng  
RT: 13.105 min Scan# 1676  
Delta R.T. -0.001 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

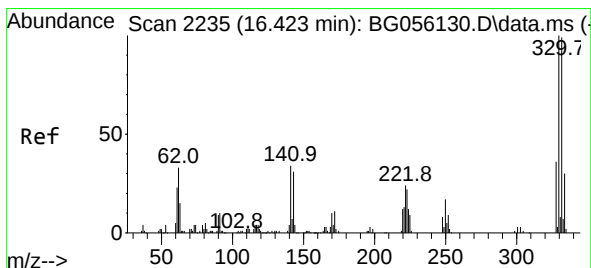
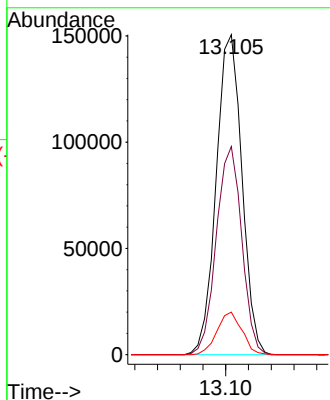
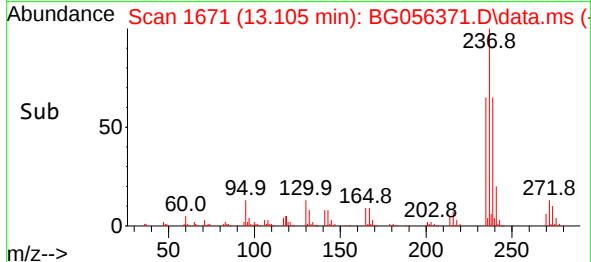
Instrument :  
BNA\_G  
ClientSampleId :  
BORING-3MSD



Tgt Ion:237 Resp: 237002  
Ion Ratio Lower Upper  
237 100  
235 65.0 40.3 80.3  
272 13.3 0.0 32.5

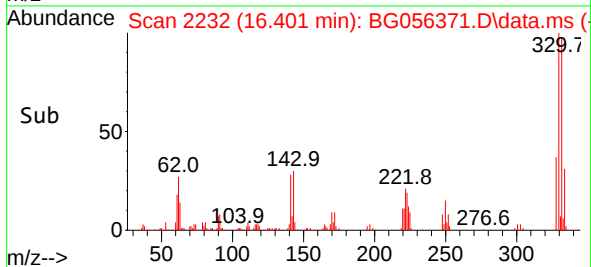
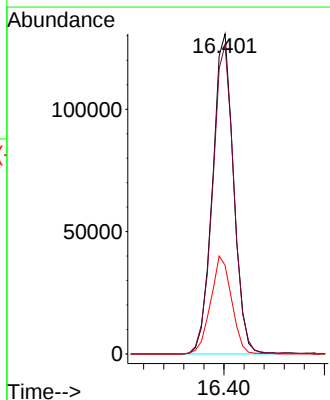
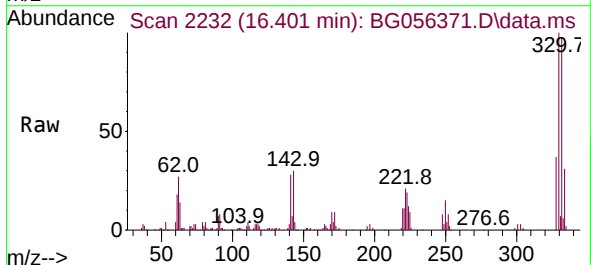
Manual Integrations  
APPROVED

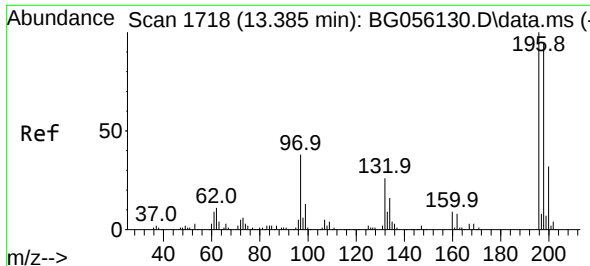
Reviewed By :Christian Giraldo 01/23/2023  
Supervised By :Jagrut Upadhyay 01/23/2023



#42  
2,4,6-Tribromophenol  
Concen: 132.549 ng  
RT: 16.401 min Scan# 2232  
Delta R.T. -0.001 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

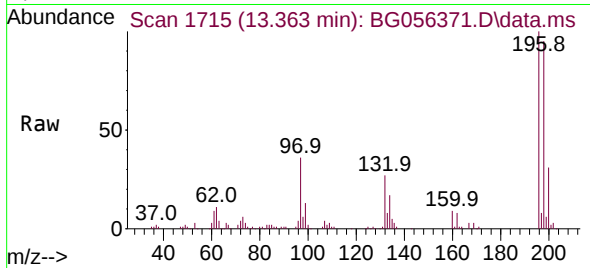
Tgt Ion:330 Resp: 190175  
Ion Ratio Lower Upper  
330 100  
332 98.0 77.3 115.9  
141 30.5 27.9 41.9





#43  
2,4,6-Trichlorophenol  
Concen: 46.508 ng  
RT: 13.363 min Scan# 1715  
Delta R.T. -0.001 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

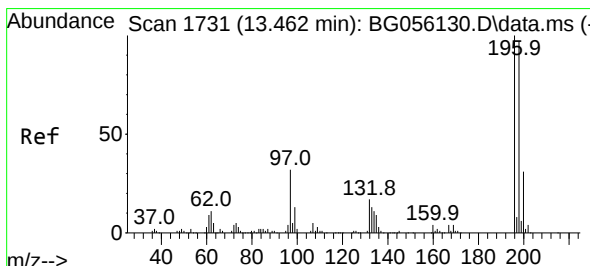
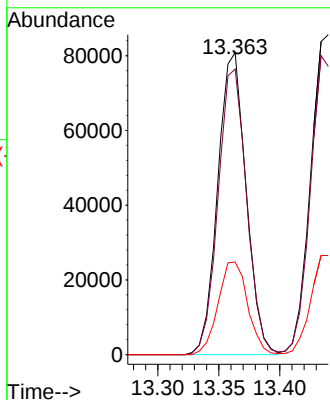
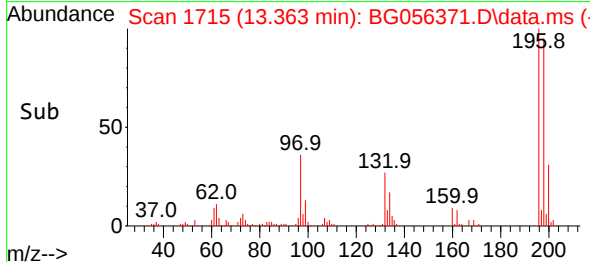
Instrument :  
BNA\_G  
ClientSampleId :  
BORING-3MSD



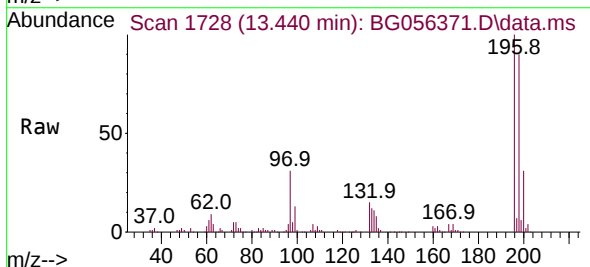
Tgt Ion:196 Resp: 130579  
Ion Ratio Lower Upper  
196 100  
198 94.5 75.5 113.3  
200 30.7 25.7 38.5

Manual Integrations  
APPROVED

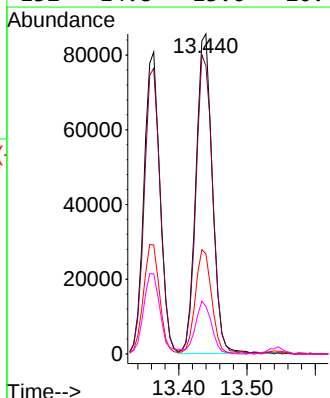
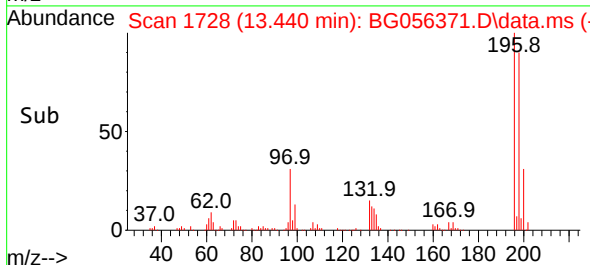
Reviewed By :Christian Giraldo 01/23/2023  
Supervised By :Jagrut Upadhyay 01/23/2023

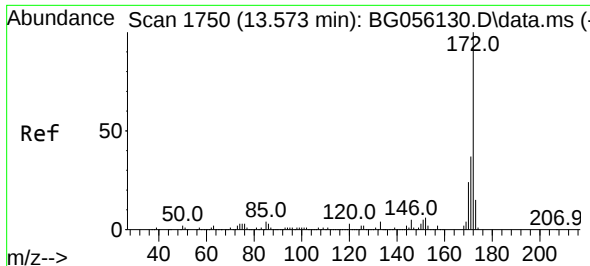


#44  
2,4,5-Trichlorophenol  
Concen: 43.063 ng  
RT: 13.440 min Scan# 1728  
Delta R.T. -0.001 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24



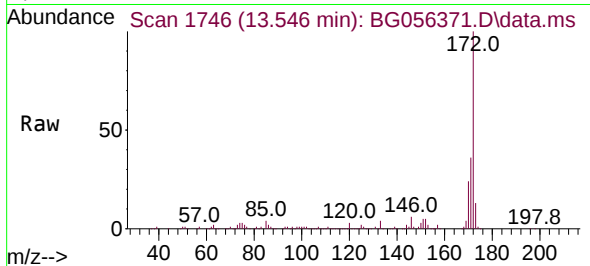
Tgt Ion:196 Resp: 143022  
Ion Ratio Lower Upper  
196 100  
198 90.0 78.0 117.0  
97 31.3 25.7 38.5  
132 14.8 13.6 20.4





#45  
2-Fluorobiphenyl  
Concen: 76.785 ng  
RT: 13.546 min Scan# 1746  
Delta R.T. -0.001 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

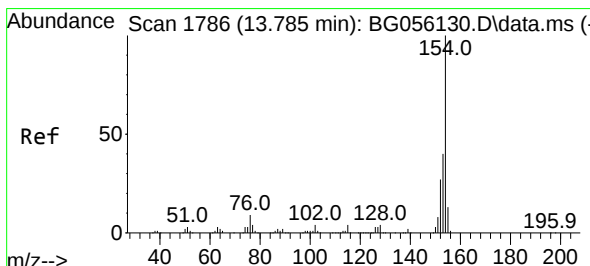
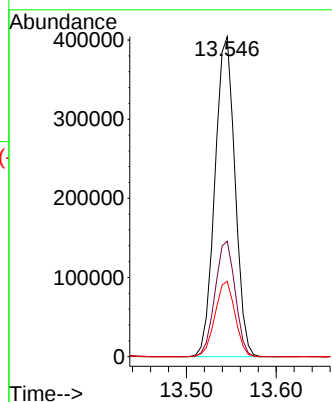
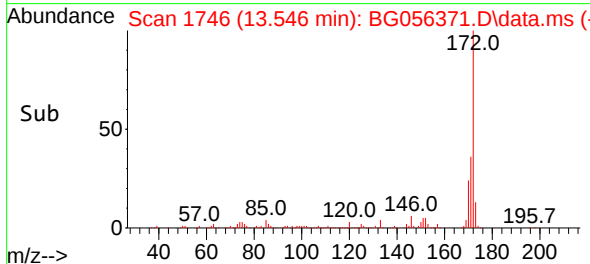
Instrument :  
BNA\_G  
ClientSampleId :  
BORING-3MSD



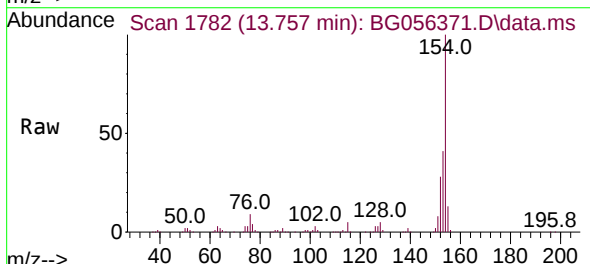
Tgt Ion:172 Resp: 629924  
Ion Ratio Lower Upper  
172 100  
171 36.1 29.6 44.4  
170 23.5 19.4 29.2

Manual Integrations  
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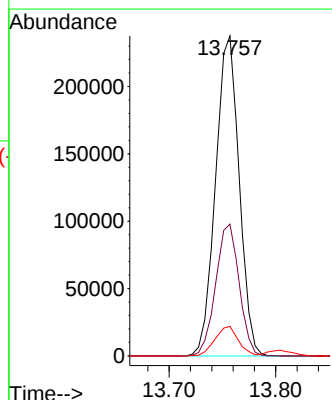
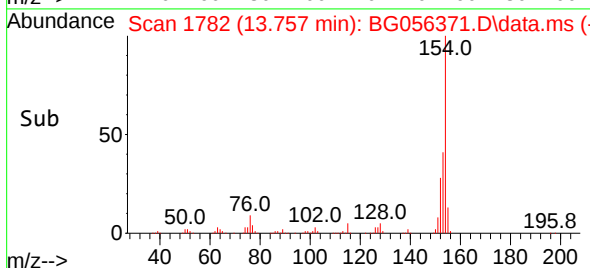
Reviewed By :Christian Giraldo 01/23/2023  
Supervised By :Jagrut Upadhyay 01/23/2023

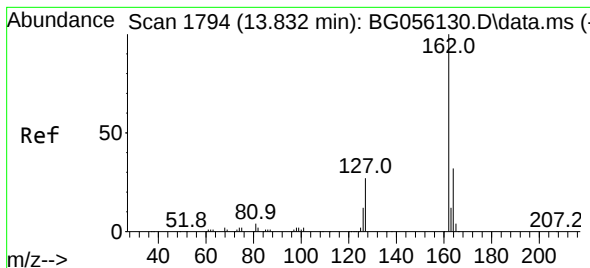


#46  
1,1'-Biphenyl  
Concen: 44.985 ng  
RT: 13.757 min Scan# 1782  
Delta R.T. -0.001 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24



Tgt Ion:154 Resp: 364970  
Ion Ratio Lower Upper  
154 100  
153 41.2 20.0 60.0  
76 9.2 0.0 29.3





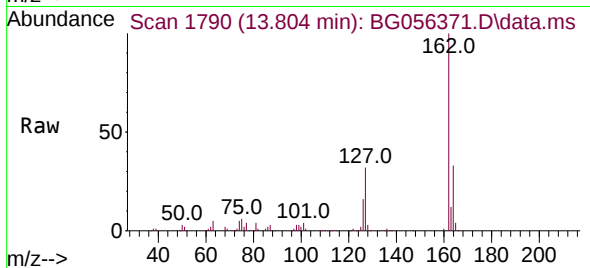
#47  
2-Chloronaphthalene  
Concen: 45.225 ng  
RT: 13.804 min Scan# 1794  
Delta R.T. -0.007 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

Instrument :

BNA\_G

ClientSampleId :

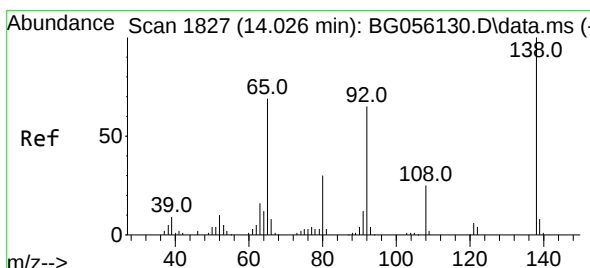
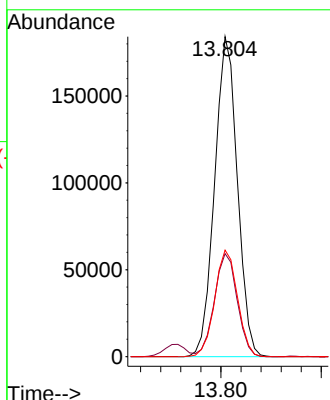
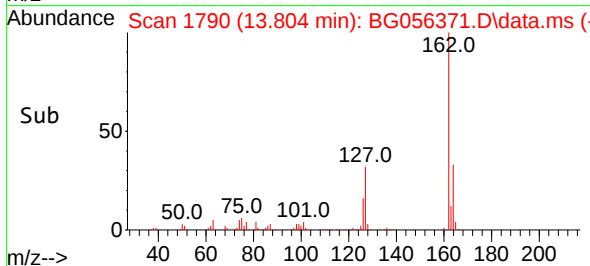
BORING-3MSD



Tgt Ion:162 Resp: 28961  
Ion Ratio Lower Upper  
162 100  
127 32.2 24.6 36.8  
164 33.3 25.8 38.8

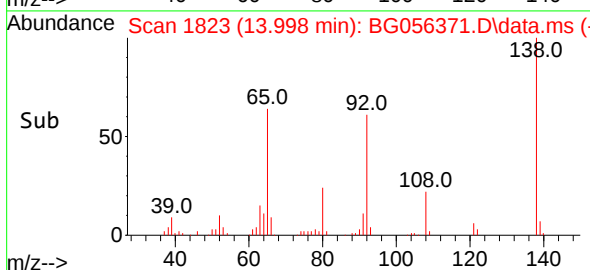
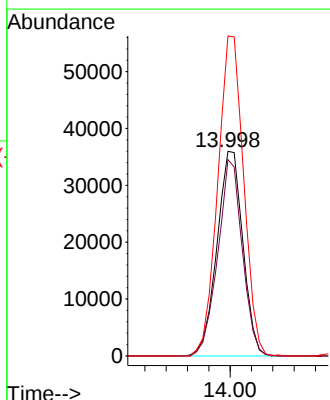
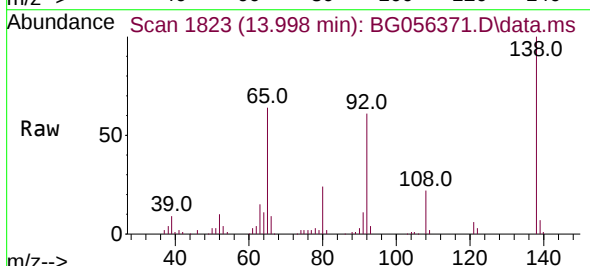
Manual Integrations  
APPROVED

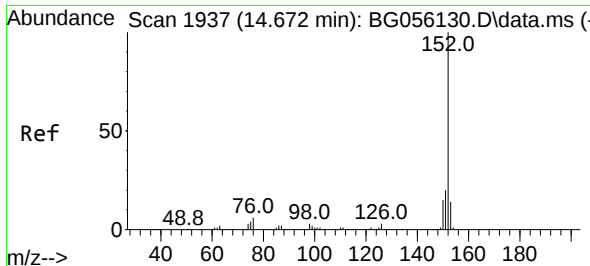
Reviewed By :Christian Giraldo 01/23/2023  
Supervised By :Jagrut Upadhyay 01/23/2023



#48  
2-Nitroaniline  
Concen: 44.436 ng  
RT: 13.998 min Scan# 1823  
Delta R.T. -0.007 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

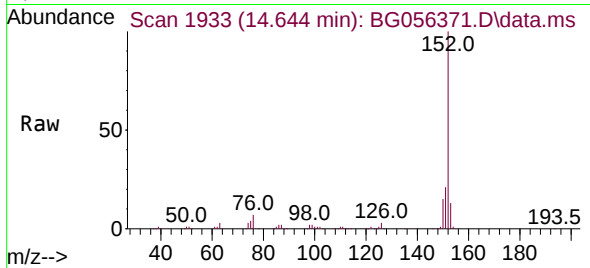
Tgt Ion: 65 Resp: 60629  
Ion Ratio Lower Upper  
65 100  
92 96.0 76.0 114.0  
138 156.4 116.6 174.8





#49  
Acenaphthylene  
Concen: 44.213 ng  
RT: 14.644 min Scan# 1933  
Delta R.T. -0.007 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

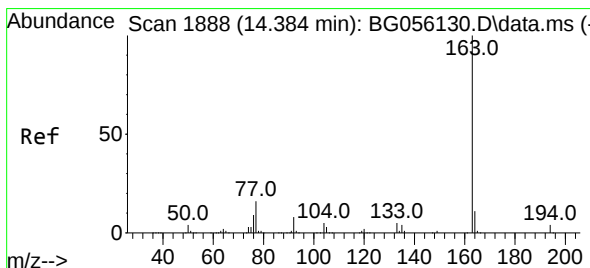
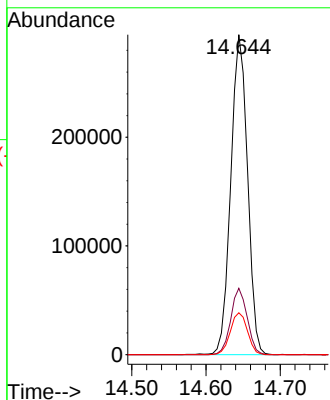
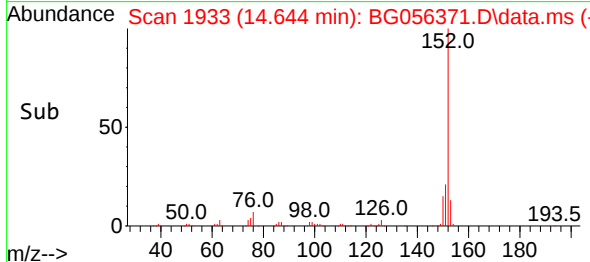
Instrument :  
BNA\_G  
ClientSampleId :  
BORING-3MSD



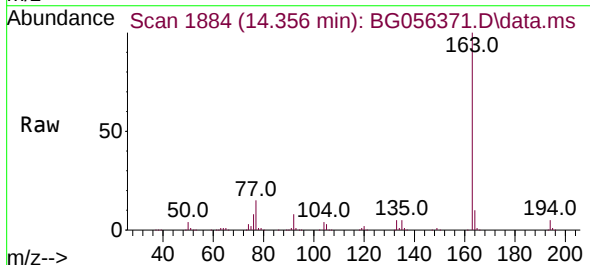
Tgt Ion:152 Resp: 460752  
Ion Ratio Lower Upper  
152 100  
151 20.7 16.0 24.0  
153 13.1 11.0 16.6

Manual Integrations  
APPROVED

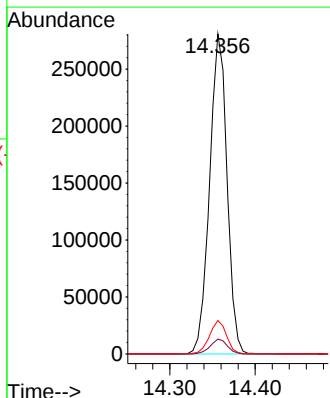
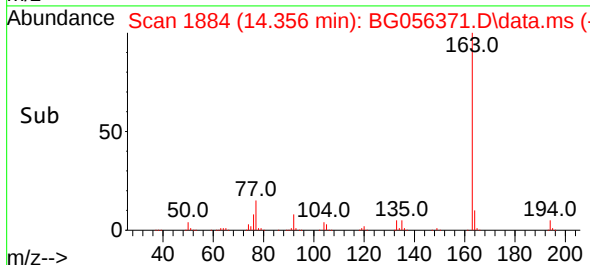
Reviewed By :Christian Giraldo 01/23/2023  
Supervised By :Jagrut Upadhyay 01/23/2023

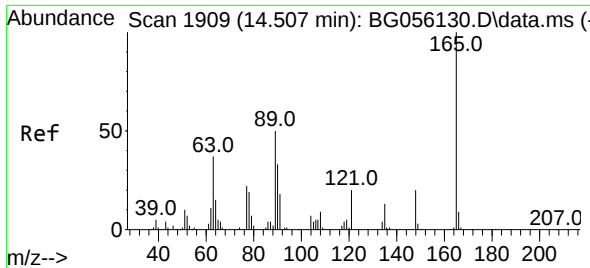


#50  
Dimethylphthalate  
Concen: 43.559 ng  
RT: 14.356 min Scan# 1884  
Delta R.T. -0.007 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24



Tgt Ion:163 Resp: 398354  
Ion Ratio Lower Upper  
163 100  
194 4.6 3.5 5.3  
164 10.4 8.7 13.1





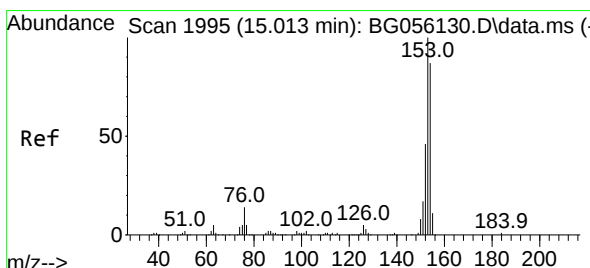
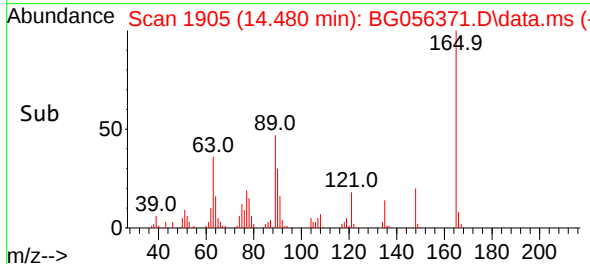
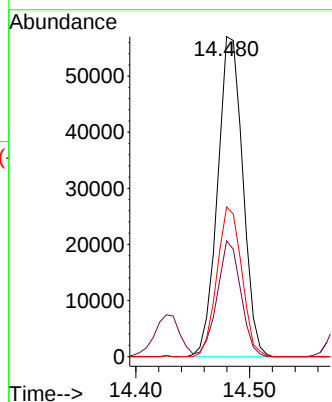
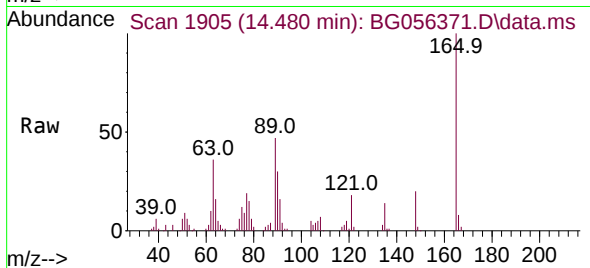
#51  
2,6-Dinitrotoluene  
Concen: 45.085 ng  
RT: 14.480 min Scan# 1909  
Delta R.T. -0.007 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

Instrument :  
BNA\_G  
ClientSampleId :  
BORING-3MSD

Tgt Ion:165 Resp: 87856  
Ion Ratio Lower Upper  
165 100  
63 36.2 32.2 48.2  
89 46.8 39.8 59.8

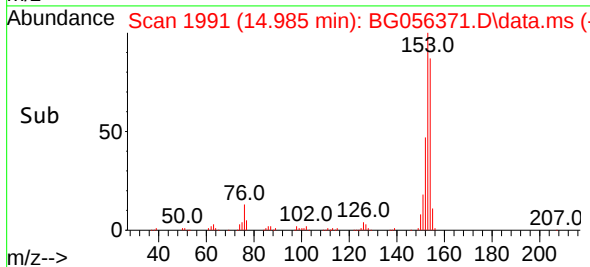
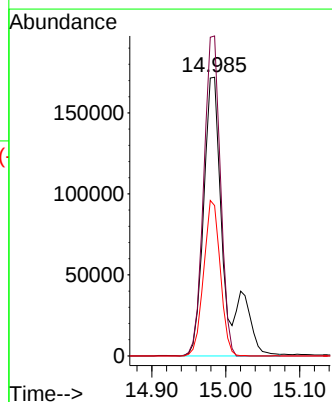
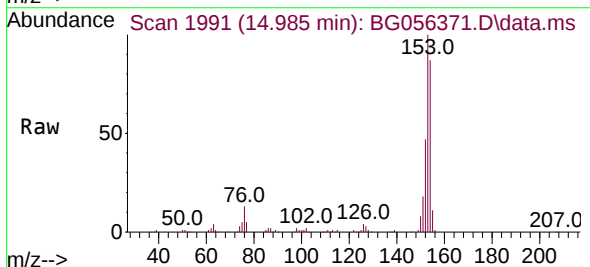
Manual Integrations  
APPROVED

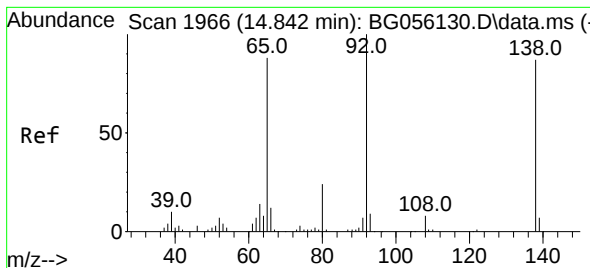
Reviewed By :Christian Giraldo 01/23/2023  
Supervised By :Jagrut Upadhyay 01/23/2023



#52  
Acenaphthene  
Concen: 48.984 ng m  
RT: 14.985 min Scan# 1991  
Delta R.T. -0.001 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

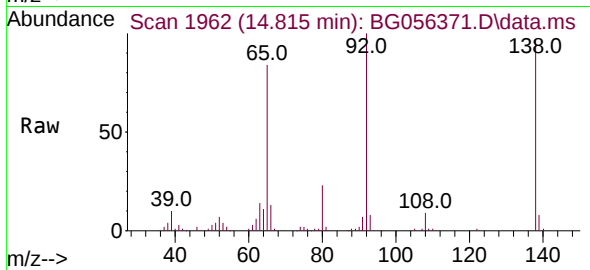
Tgt Ion:154 Resp: 332005  
Ion Ratio Lower Upper  
154 100  
153 114.8 92.0 138.0  
152 54.0 42.5 63.7





#53  
3-Nitroaniline  
Concen: 34.748 ng  
RT: 14.815 min Scan# 1962  
Delta R.T. -0.007 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

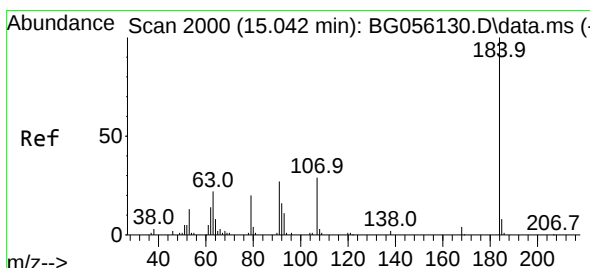
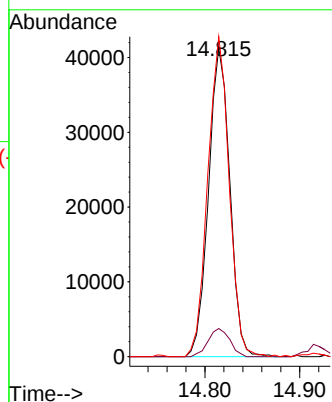
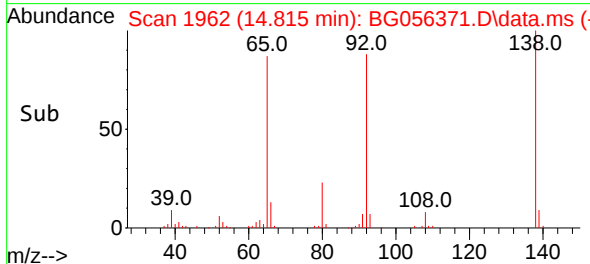
Instrument :  
BNA\_G  
ClientSampleId :  
BORING-3MSD



Tgt Ion:138 Resp: 64442  
Ion Ratio Lower Upper  
138 100  
108 9.1 7.6 11.4  
92 103.6 91.7 137.5

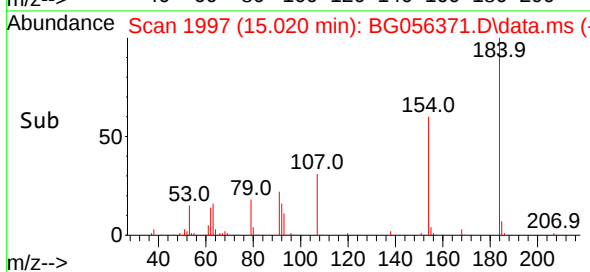
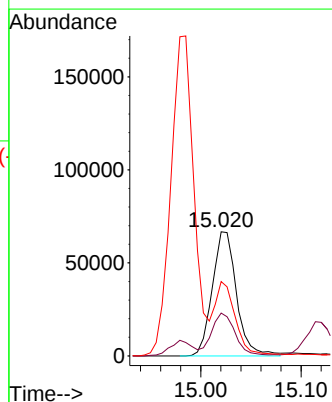
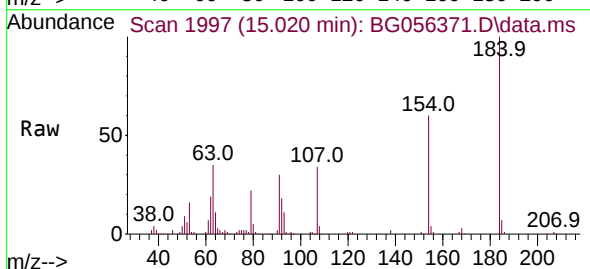
Manual Integrations  
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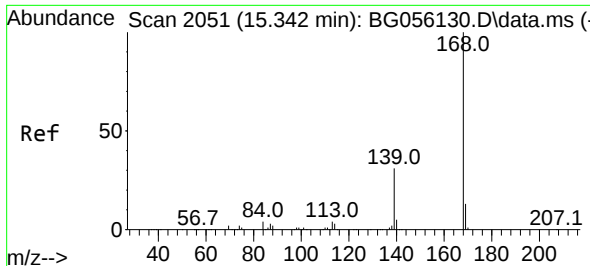
Reviewed By :Christian Giraldo 01/23/2023  
Supervised By :Jagrut Upadhyay 01/23/2023



#54  
2,4-Dinitrophenol  
Concen: 80.683 ng  
RT: 15.020 min Scan# 1997  
Delta R.T. -0.001 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

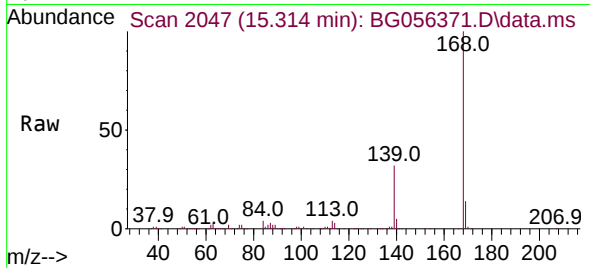
Tgt Ion:184 Resp: 112319  
Ion Ratio Lower Upper  
184 100  
63 34.5 24.0 36.0  
154 59.9 45.4 68.0





#55  
Dibenzofuran  
Concen: 43.660 ng  
RT: 15.314 min Scan# 2051  
Delta R.T. -0.001 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

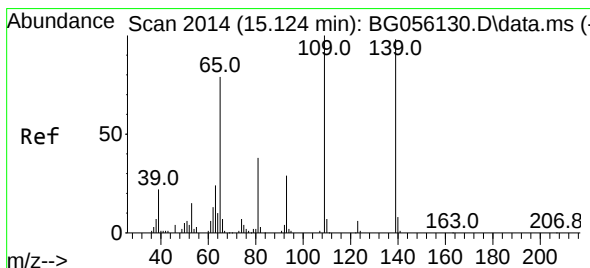
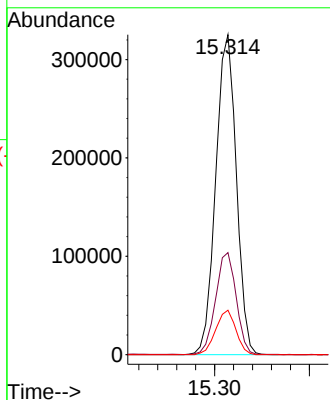
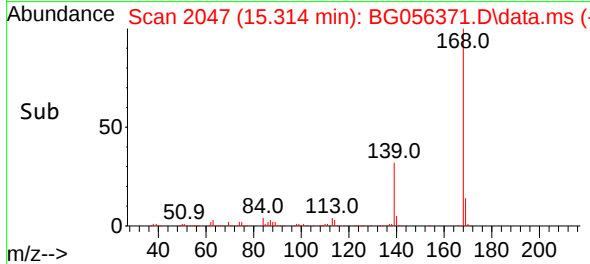
Instrument :  
BNA\_G  
ClientSampleId :  
BORING-3MSD



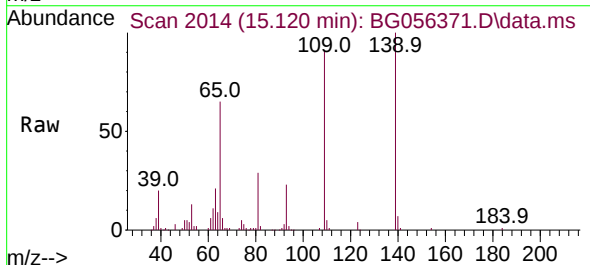
Tgt Ion:168 Resp: 489693  
Ion Ratio Lower Upper  
168 100  
139 31.9 24.7 37.1  
169 13.9 10.3 15.5

Manual Integrations  
APPROVED

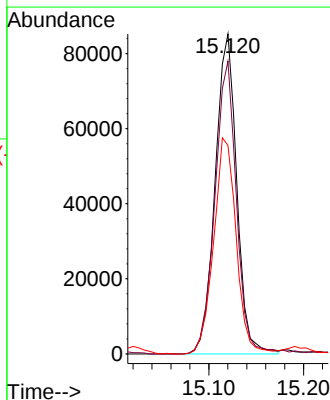
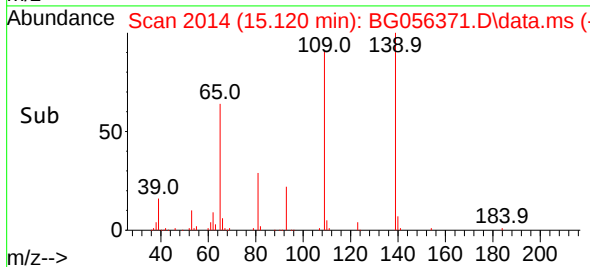
Reviewed By :Christian Giraldo 01/23/2023  
Supervised By :Jagrut Upadhyay 01/23/2023

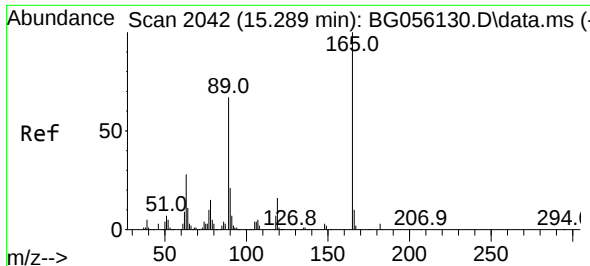


#56  
4-Nitrophenol  
Concen: 94.284 ng  
RT: 15.120 min Scan# 2014  
Delta R.T. 0.005 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24



Tgt Ion:139 Resp: 134479  
Ion Ratio Lower Upper  
139 100  
109 91.5 82.2 122.2  
65 65.1 60.6 100.6





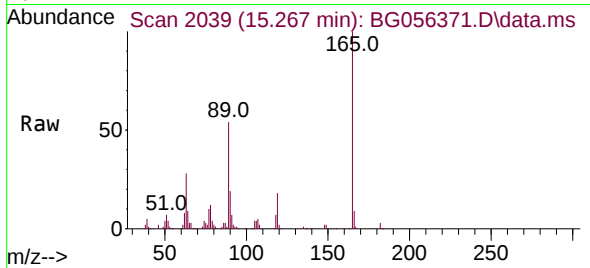
#57  
2,4-Dinitrotoluene  
Concen: 46.237 ng  
RT: 15.267 min Scan# 2042  
Delta R.T. -0.007 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

Instrument :

BNA\_G

ClientSampleId :

BORING-3MSD

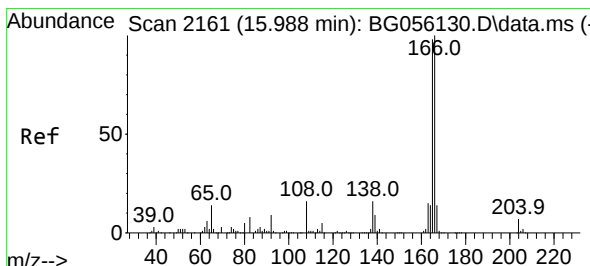
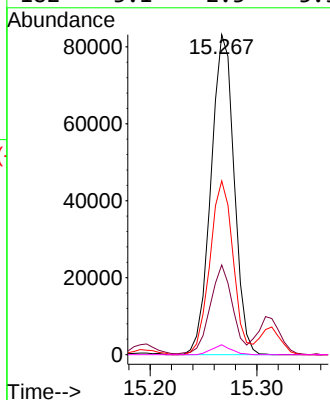
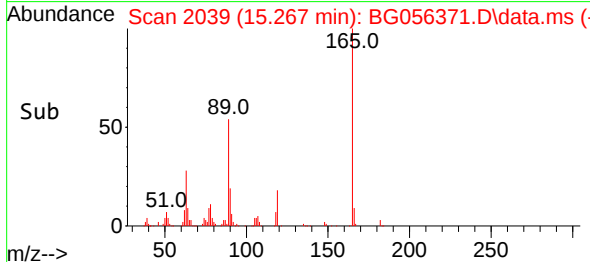


Tgt Ion:165 Resp: 126008  
Ion Ratio Lower Upper  
165 100  
63 28.0 22.6 34.0  
89 54.3 53.2 79.8  
182 3.1 2.3 3.5

Manual Integrations

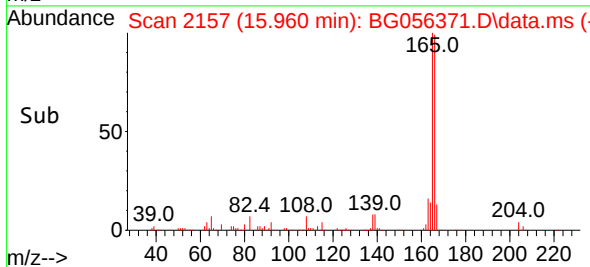
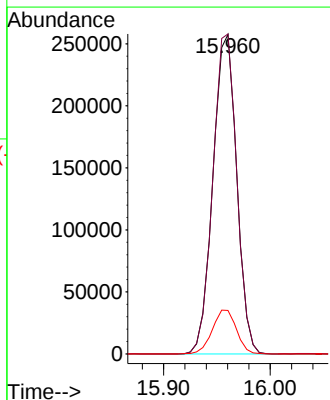
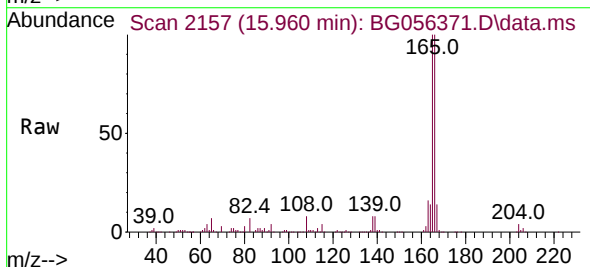
APPROVED

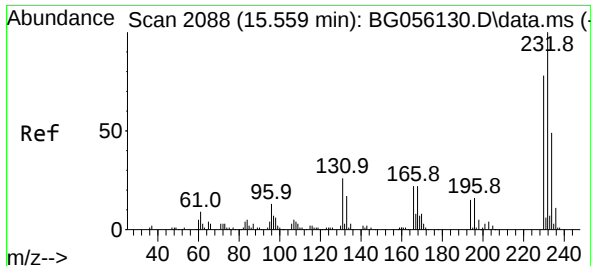
Reviewed By :Christian Giraldo 01/23/2023  
Supervised By :Jagrut Upadhyay 01/23/2023



#58  
Fluorene  
Concen: 44.145 ng  
RT: 15.960 min Scan# 2157  
Delta R.T. -0.001 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

Tgt Ion:166 Resp: 398242  
Ion Ratio Lower Upper  
166 100  
165 100.1 78.6 118.0  
167 13.6 11.1 16.7





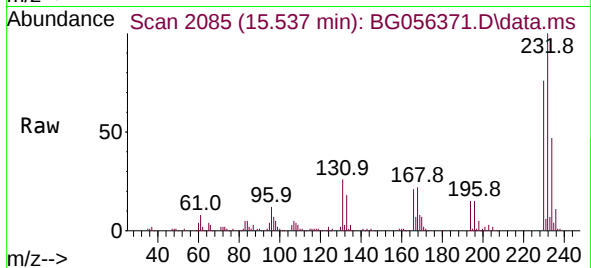
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 44.737 ng  
RT: 15.537 min Scan# 2085  
Delta R.T. -0.001 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

Instrument :

BNA\_G

ClientSampleId :

BORING-3MSD

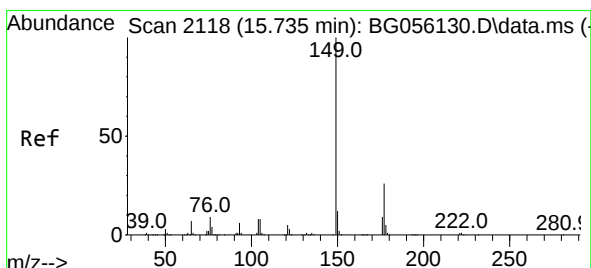
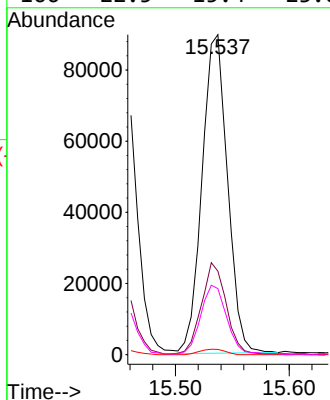
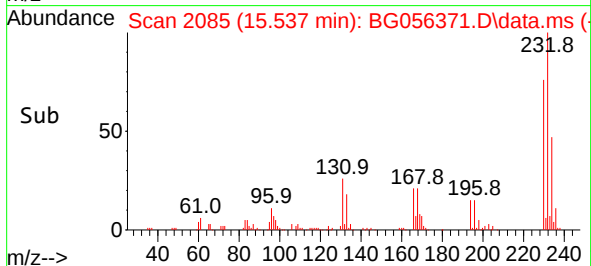


Tgt Ion:232 Resp: 139508  
Ion Ratio Lower Upper  
232 100  
131 27.8 21.4 32.2  
130 1.7 1.4 2.0  
166 22.5 15.4 23.0

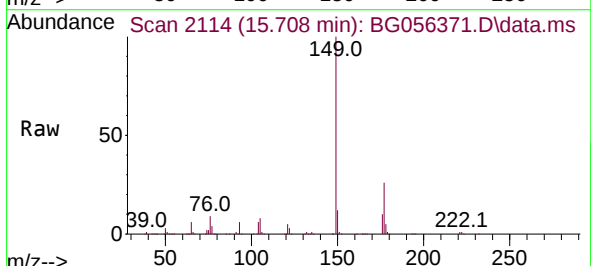
Manual Integrations

APPROVED

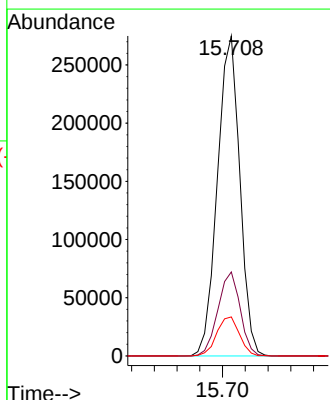
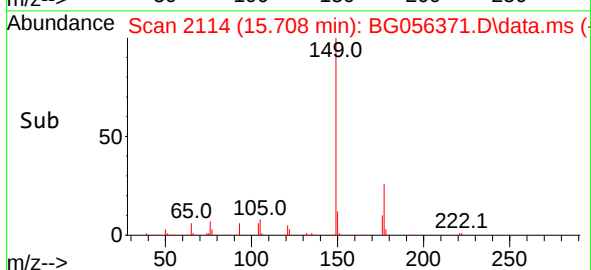
Reviewed By :Christian Giraldo 01/23/2023  
Supervised By :Jagrut Upadhyay 01/23/2023

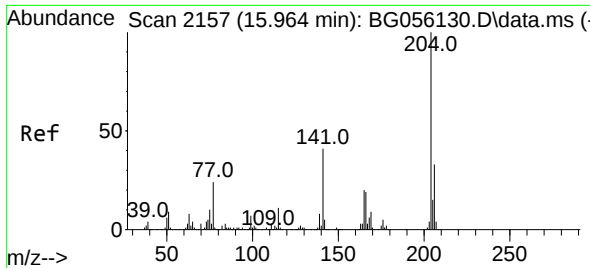


#60  
Diethylphthalate  
Concen: 43.707 ng  
RT: 15.708 min Scan# 2114  
Delta R.T. -0.001 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24



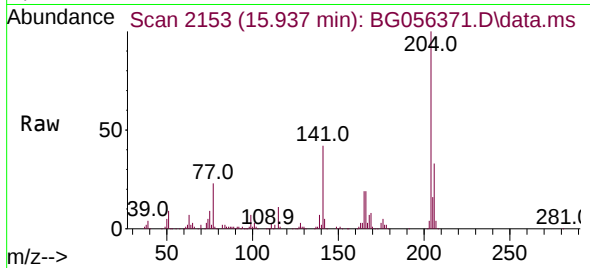
Tgt Ion:149 Resp: 374844  
Ion Ratio Lower Upper  
149 100  
177 26.2 20.6 31.0  
150 12.2 9.9 14.9





#61  
4-Chlorophenyl-phenylether  
Concen: 43.179 ng  
RT: 15.937 min Scan# 2153  
Delta R.T. -0.007 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

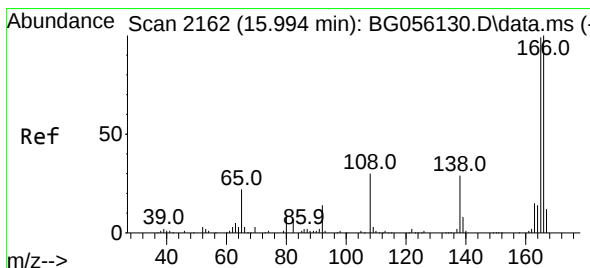
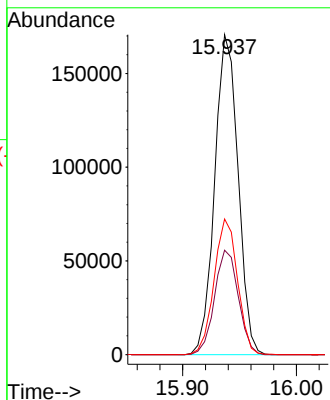
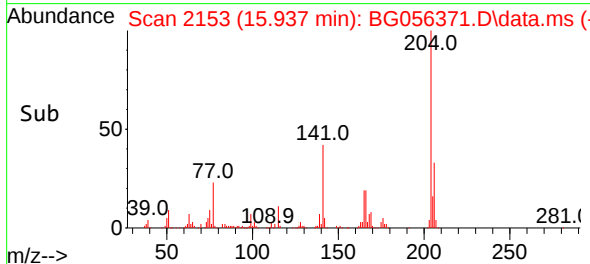
Instrument :  
BNA\_G  
ClientSampleId :  
BORING-3MSD



Tgt Ion:204 Resp: 243089  
Ion Ratio Lower Upper  
204 100  
206 32.7 26.4 39.6  
141 42.4 33.0 49.4

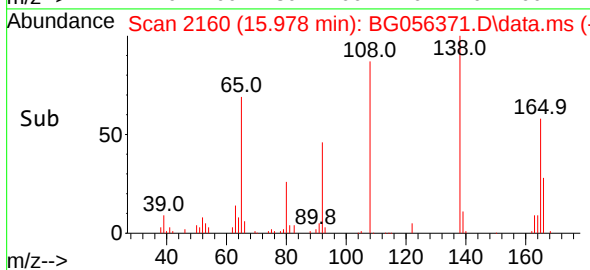
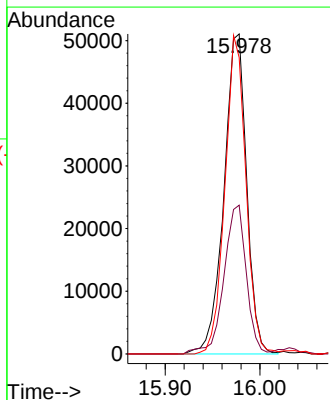
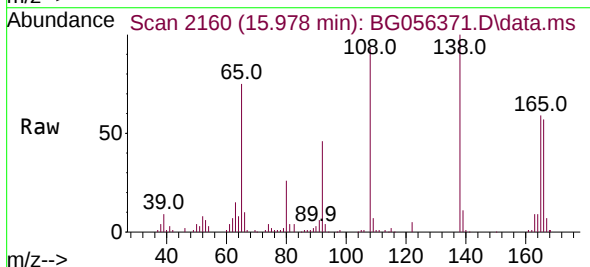
Manual Integrations  
APPROVED

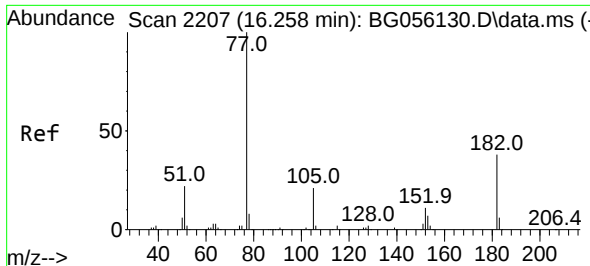
Reviewed By :Christian Giraldo 01/23/2023  
Supervised By :Jagrut Upadhyay 01/23/2023



#62  
4-Nitroaniline  
Concen: 44.723 ng  
RT: 15.978 min Scan# 2160  
Delta R.T. -0.001 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

Tgt Ion:138 Resp: 84960  
Ion Ratio Lower Upper  
138 100  
92 46.5 28.6 68.6  
108 92.6 83.4 123.4





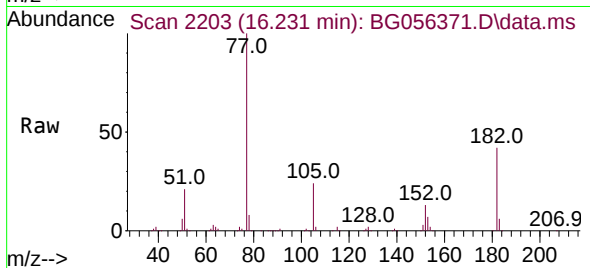
#63  
Azobenzene  
Concen: 42.140 ng  
RT: 16.231 min Scan# 2207  
Delta R.T. -0.007 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

Instrument :

BNA\_G

ClientSampleId :

BORING-3MSD

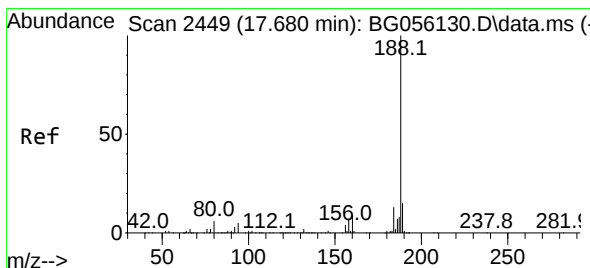
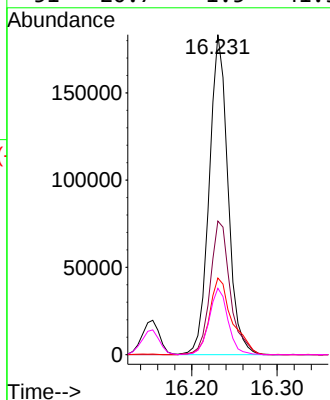
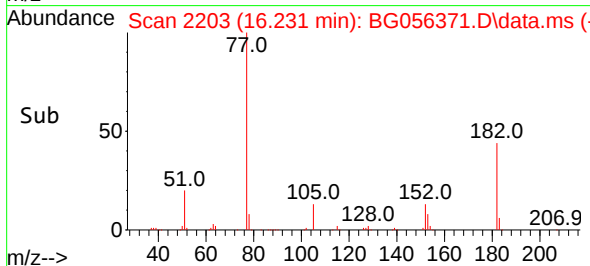


Tgt Ion: 77 Resp: 278892  
Ion Ratio Lower Upper  
77 100  
182 41.7 18.5 58.5  
105 24.0 1.4 41.4  
51 20.7 1.5 41.5

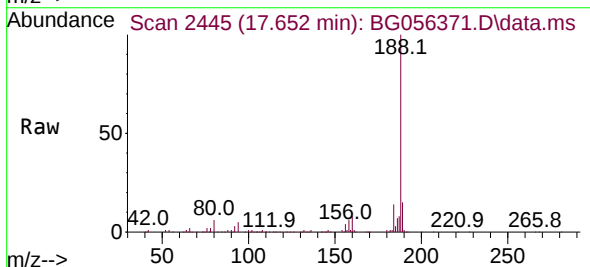
Manual Integrations

APPROVED

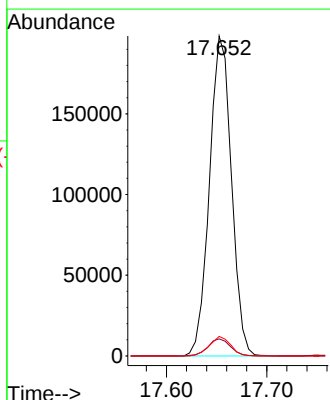
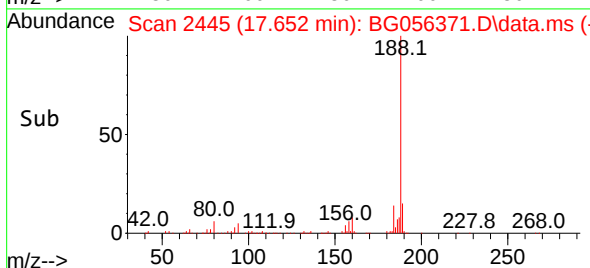
Reviewed By :Christian Giraldo 01/23/2023  
Supervised By :Jagrut Upadhyay 01/23/2023

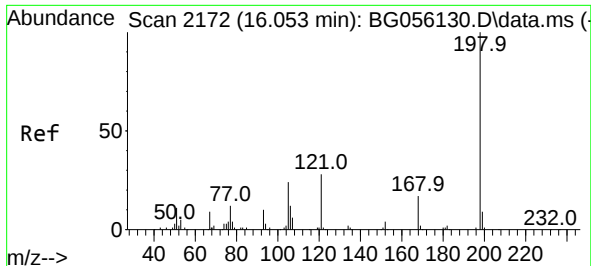


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.652 min Scan# 2445  
Delta R.T. -0.007 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24



Tgt Ion:188 Resp: 301747  
Ion Ratio Lower Upper  
188 100  
94 5.4 4.2 6.2  
80 6.1 5.0 7.4





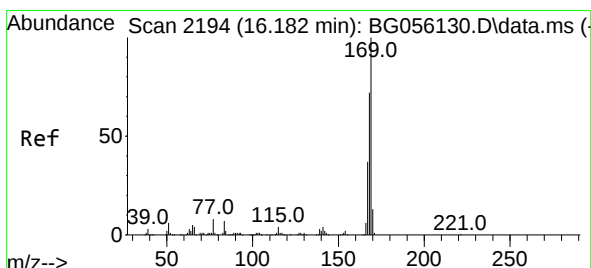
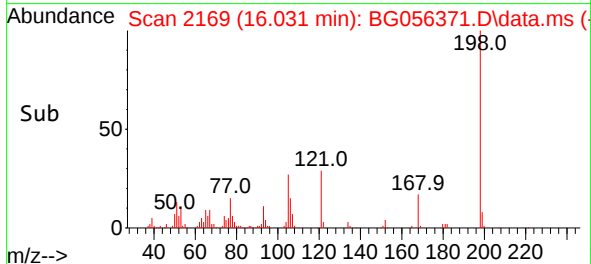
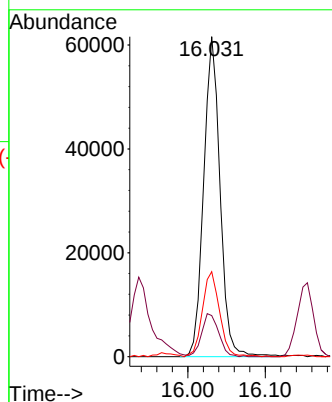
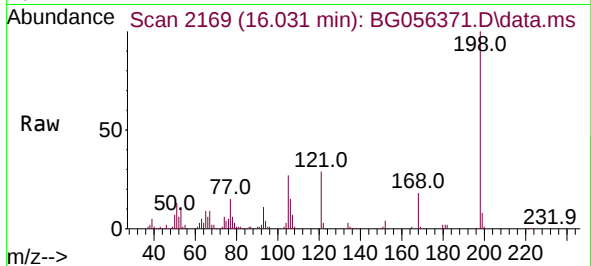
#65  
4,6-Dinitro-2-methylphenol  
Concen: 44.386 ng  
RT: 16.031 min Scan# 2172  
Delta R.T. -0.001 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

Instrument :  
BNA\_G  
ClientSampleId :  
BORING-3MSD

Tgt Ion:198 Resp: 9023  
Ion Ratio Lower Upper  
198 100  
51 12.8 0.0 33.2  
105 26.6 4.9 44.9

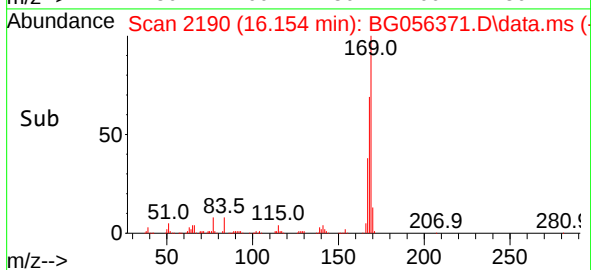
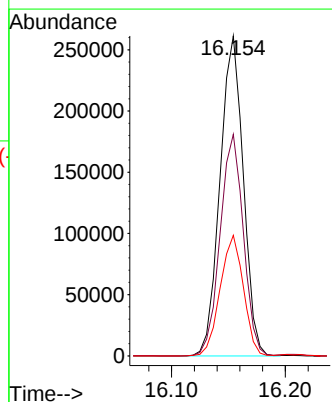
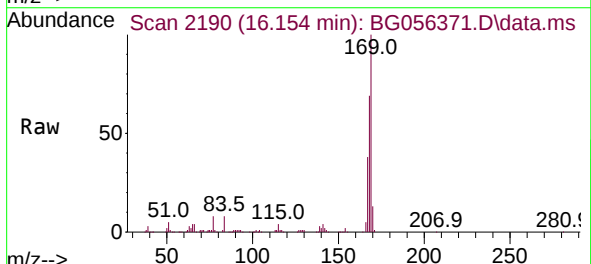
Manual Integrations  
APPROVED

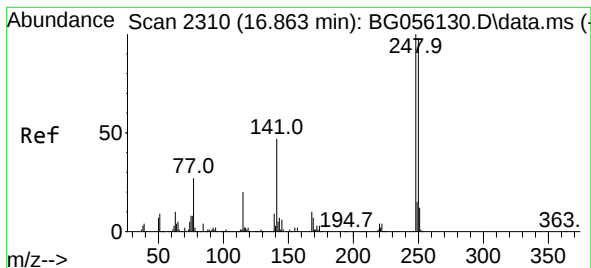
Reviewed By :Christian Giraldo 01/23/2023  
Supervised By :Jagrut Upadhyay 01/23/2023



#66  
n-Nitrosodiphenylamine  
Concen: 44.285 ng  
RT: 16.154 min Scan# 2190  
Delta R.T. -0.001 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

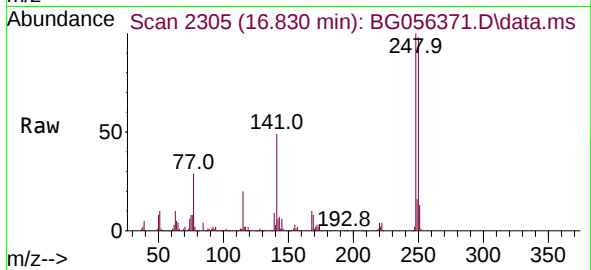
Tgt Ion:169 Resp: 370760  
Ion Ratio Lower Upper  
169 100  
168 69.2 58.0 87.0  
167 37.7 30.0 45.0





#67  
4-Bromophenyl-phenylether  
Concen: 44.273 ng  
RT: 16.830 min Scan# 2305  
Delta R.T. -0.007 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

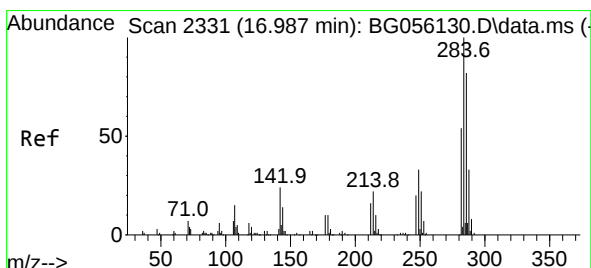
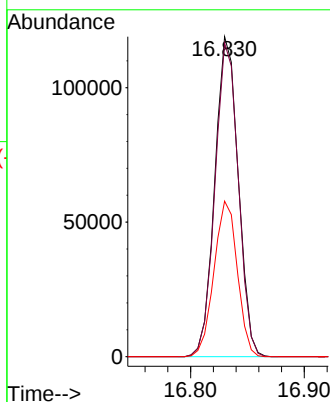
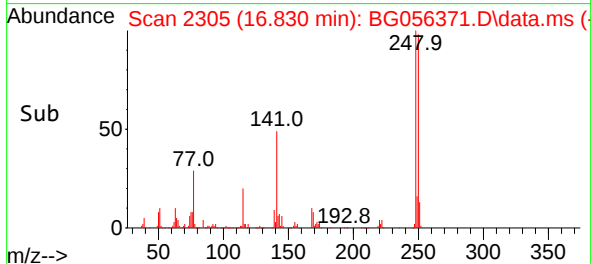
Instrument :  
BNA\_G  
ClientSampleId :  
BORING-3MSD



Tgt Ion:248 Resp: 170116  
Ion Ratio Lower Upper  
248 100  
250 98.0 78.2 117.4  
141 48.6 37.6 56.4

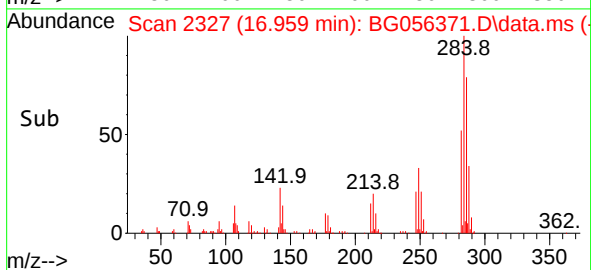
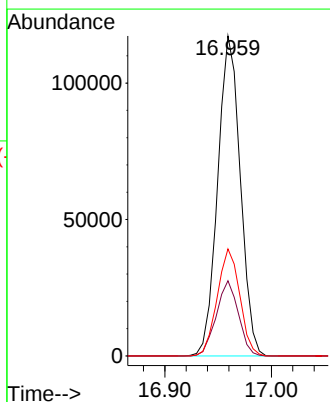
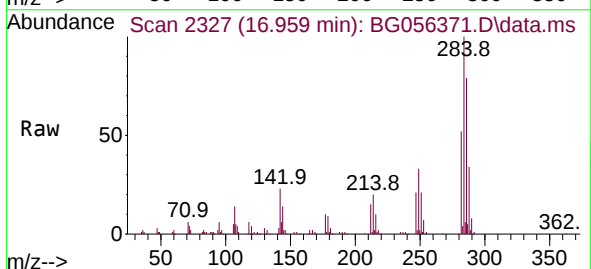
Manual Integrations  
APPROVED

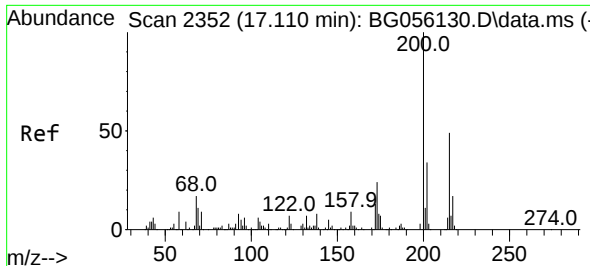
Reviewed By :Christian Giraldo 01/23/2023  
Supervised By :Jagrut Upadhyay 01/23/2023



#68  
Hexachlorobenzene  
Concen: 48.189 ng  
RT: 16.959 min Scan# 2327  
Delta R.T. -0.007 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

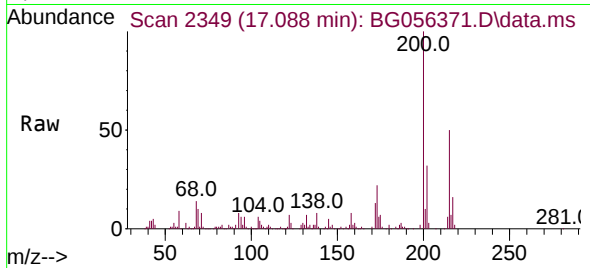
Tgt Ion:284 Resp: 172753  
Ion Ratio Lower Upper  
284 100  
142 23.5 19.0 28.6  
249 35.4 26.6 39.8





#69  
 Atrazine  
 Concen: 46.367 ng  
 RT: 17.088 min Scan# 2349  
 Delta R.T. -0.001 min  
 Lab File: BG056371.D  
 Acq: 20 Jan 2023 17:24

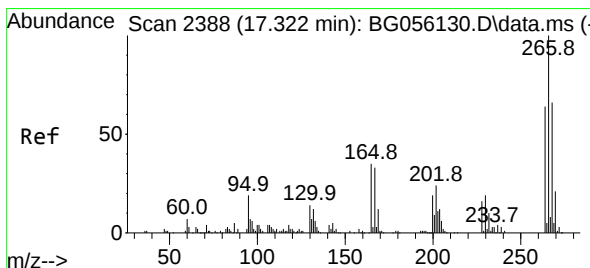
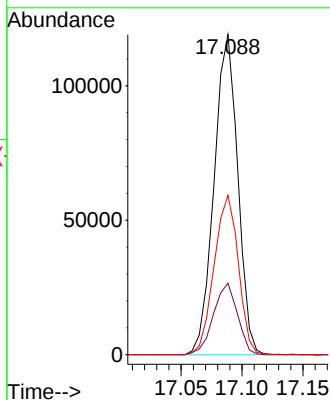
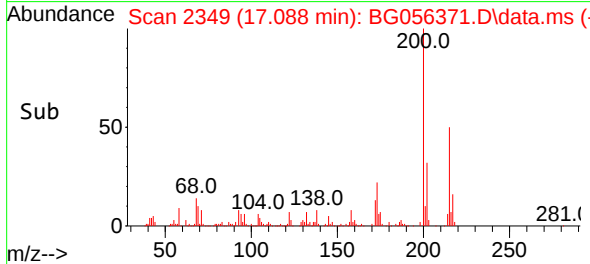
Instrument :  
 BNA\_G  
 ClientSampleId :  
 BORING-3MSD



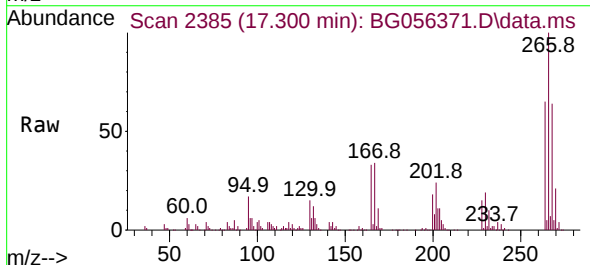
Tgt Ion:200 Resp: 16088  
 Ion Ratio Lower Upper  
 200 100  
 173 22.3 4.0 44.0  
 215 49.8 29.1 69.1

Manual Integrations  
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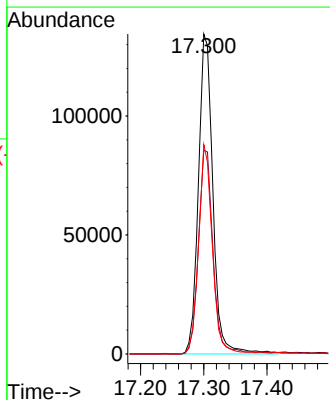
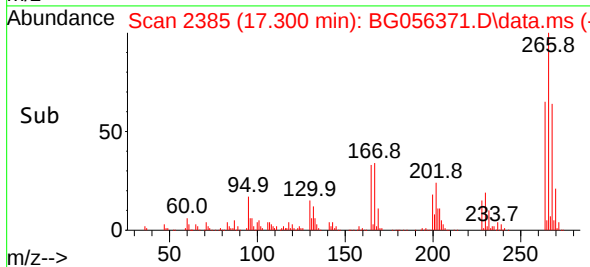
Reviewed By :Christian Giraldo 01/23/2023  
 Supervised By :Jagrut Upadhyay 01/23/2023

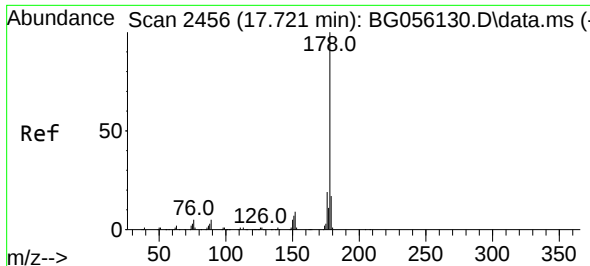


#70  
 Pentachlorophenol  
 Concen: 77.658 ng  
 RT: 17.300 min Scan# 2385  
 Delta R.T. -0.007 min  
 Lab File: BG056371.D  
 Acq: 20 Jan 2023 17:24



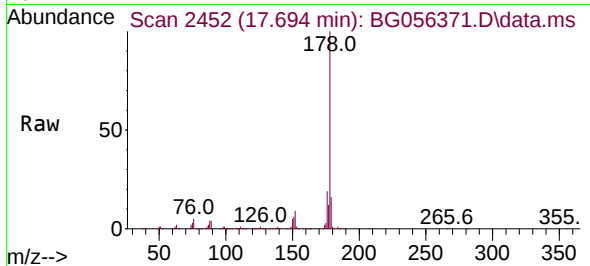
Tgt Ion:266 Resp: 213857  
 Ion Ratio Lower Upper  
 266 100  
 268 63.6 53.0 79.4  
 264 65.4 51.4 77.2





#71  
Phenanthrene  
Concen: 44.441 ng  
RT: 17.694 min Scan# 2456  
Delta R.T. -0.007 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

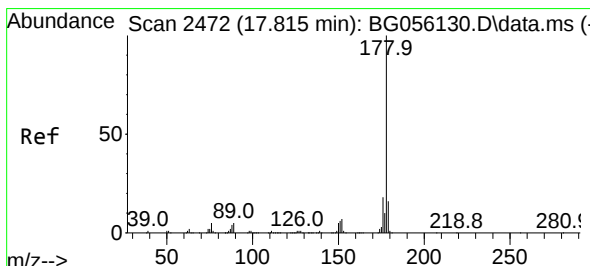
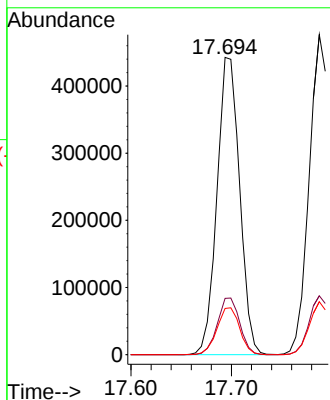
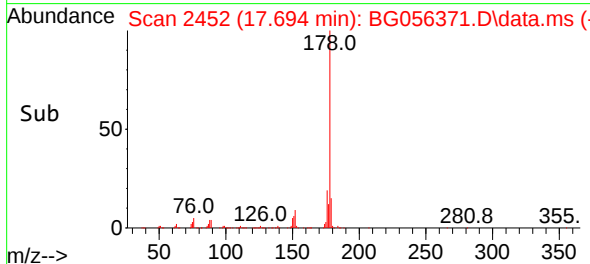
Instrument :  
BNA\_G  
ClientSampleId :  
BORING-3MSD



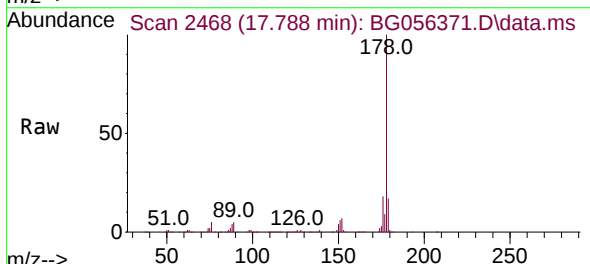
Tgt Ion:178 Resp: 694953  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.4 23.0  
179 15.5 13.6 20.4

Manual Integrations  
APPROVED

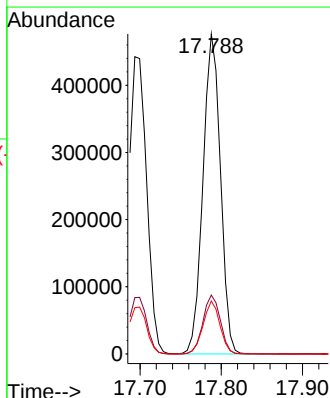
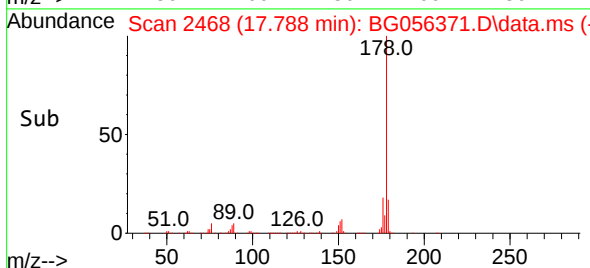
Reviewed By :Christian Giraldo 01/23/2023  
Supervised By :Jagrut Upadhyay 01/23/2023

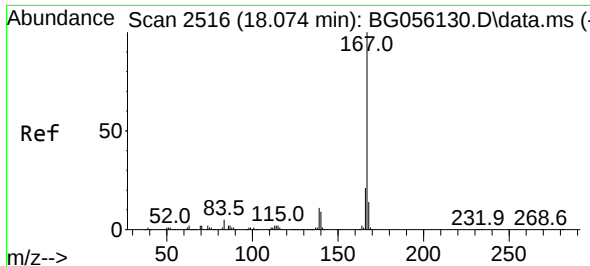


#72  
Anthracene  
Concen: 44.221 ng  
RT: 17.788 min Scan# 2468  
Delta R.T. -0.007 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24



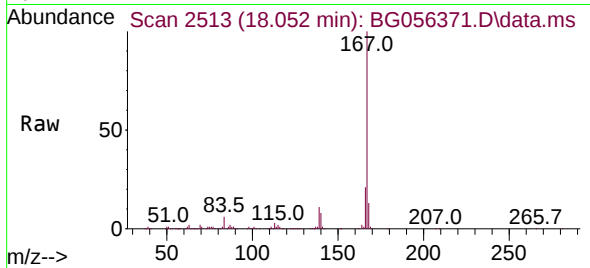
Tgt Ion:178 Resp: 713335  
Ion Ratio Lower Upper  
178 100  
176 18.4 14.6 22.0  
179 16.5 12.7 19.1





#73  
 Carbazole  
 Concen: 45.441 ng  
 RT: 18.052 min Scan# 2513  
 Delta R.T. -0.001 min  
 Lab File: BG056371.D  
 Acq: 20 Jan 2023 17:24

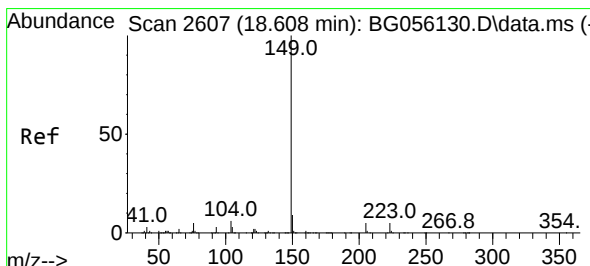
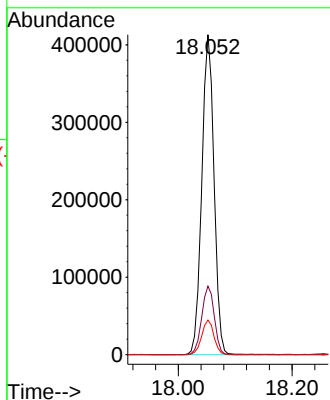
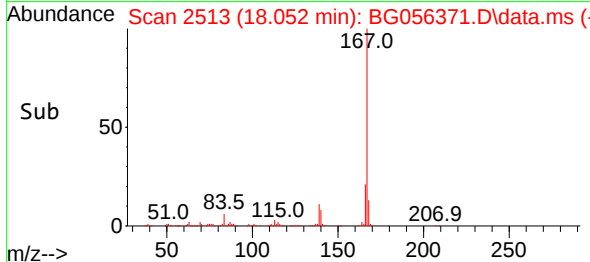
Instrument :  
 BNA\_G  
 ClientSampleId :  
 BORING-3MSD



Tgt Ion:167 Resp: 616146  
 Ion Ratio Lower Upper  
 167 100  
 166 21.4 16.8 25.2  
 139 10.8 8.9 13.3

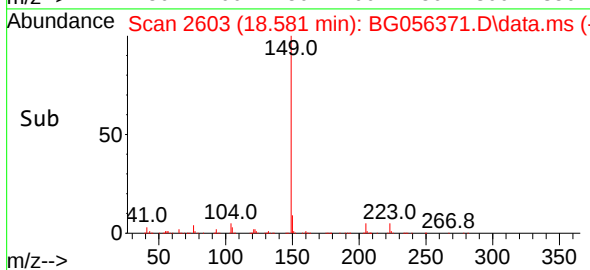
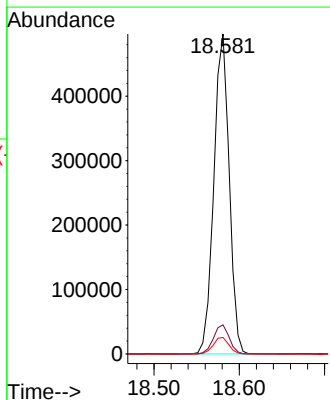
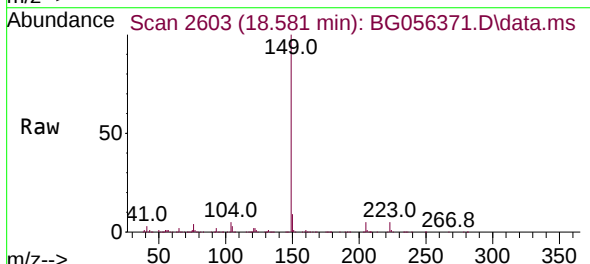
Manual Integrations  
 APPROVED

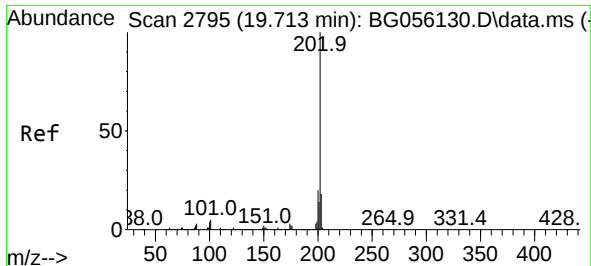
Reviewed By :Christian Giraldo 01/23/2023  
 Supervised By :Jagrut Upadhyay 01/23/2023



#74  
 Di-n-butylphthalate  
 Concen: 45.904 ng  
 RT: 18.581 min Scan# 2603  
 Delta R.T. -0.001 min  
 Lab File: BG056371.D  
 Acq: 20 Jan 2023 17:24

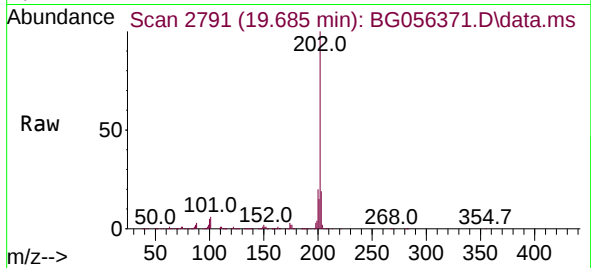
Tgt Ion:149 Resp: 620460  
 Ion Ratio Lower Upper  
 149 100  
 150 9.1 7.4 11.2  
 104 5.1 4.4 6.6





#75  
Fluoranthene  
Concen: 42.669 ng  
RT: 19.685 min Scan# 21  
Delta R.T. -0.007 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

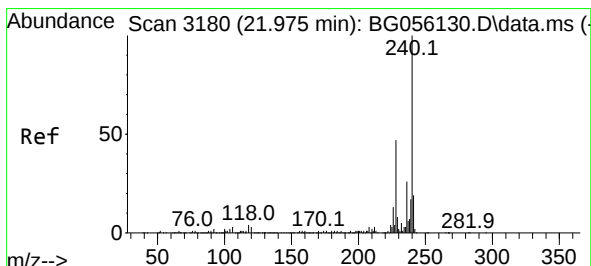
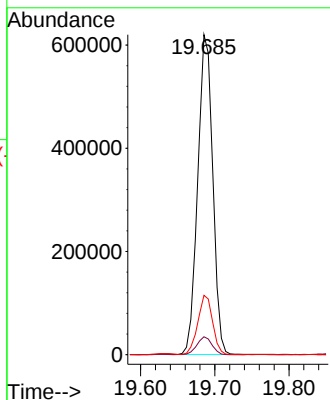
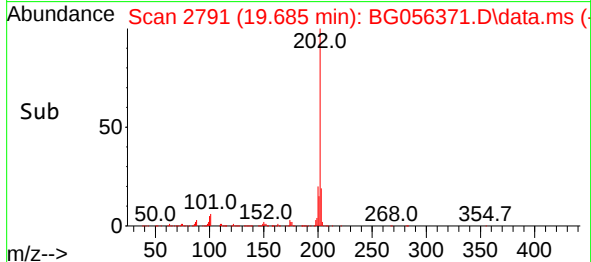
Instrument :  
BNA\_G  
ClientSampleId :  
BORING-3MSD



Tgt Ion:202 Resp: 870344  
Ion Ratio Lower Upper  
202 100  
101 5.6 0.0 25.0  
203 18.5 0.0 38.0

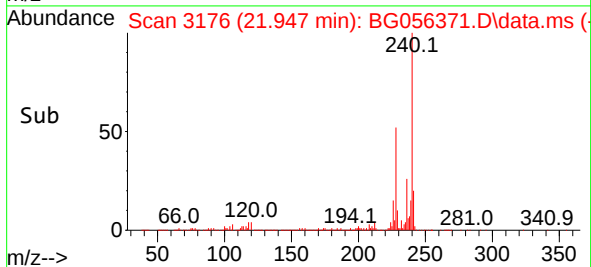
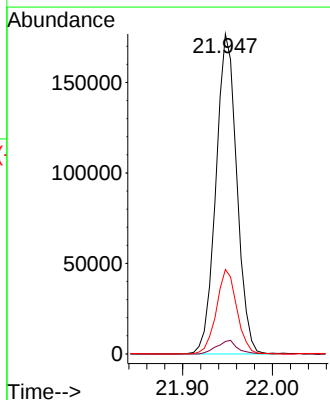
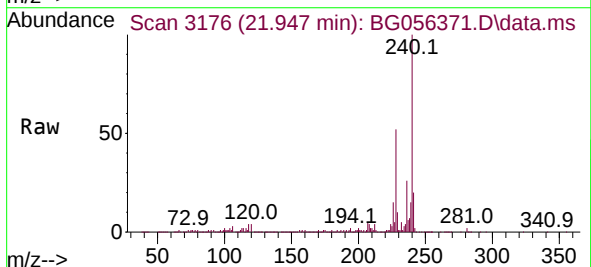
Manual Integrations  
APPROVED

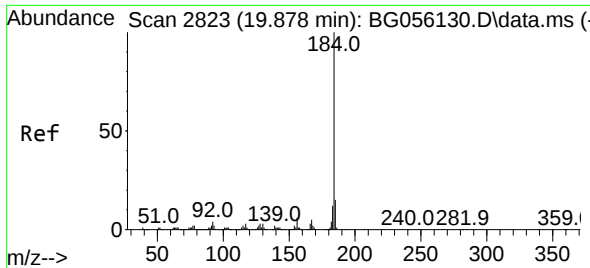
Reviewed By :Christian Giraldo 01/23/2023  
Supervised By :Jagrut Upadhyay 01/23/2023



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.947 min Scan# 3176  
Delta R.T. -0.007 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

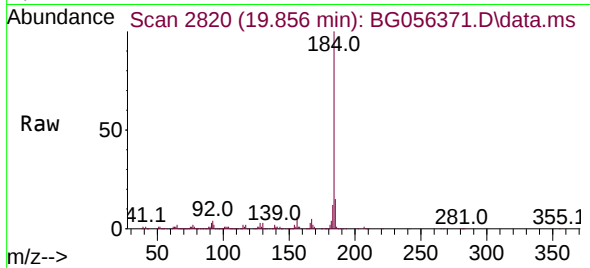
Tgt Ion:240 Resp: 286556  
Ion Ratio Lower Upper  
240 100  
120 3.9 2.6 4.0  
236 26.4 20.8 31.2





#77  
Benzidine  
Concen: 44.076 ng  
RT: 19.856 min Scan# 2820  
Delta R.T. -0.001 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

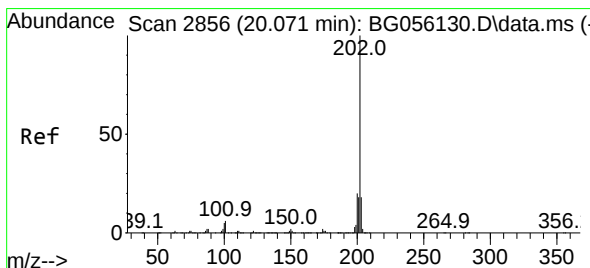
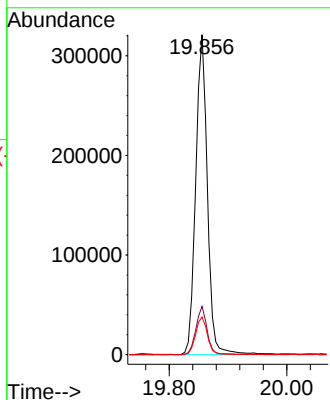
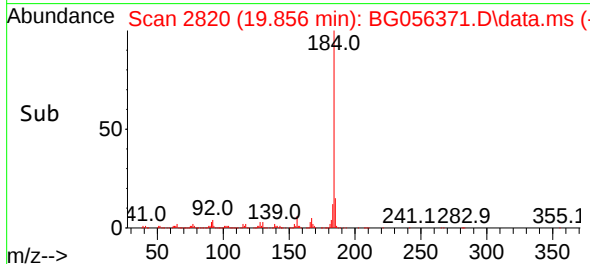
Instrument :  
BNA\_G  
ClientSampleId :  
BORING-3MSD



Tgt Ion:184 Resp: 442619  
Ion Ratio Lower Upper  
184 100  
185 15.1 12.2 18.2  
183 11.8 9.4 14.0

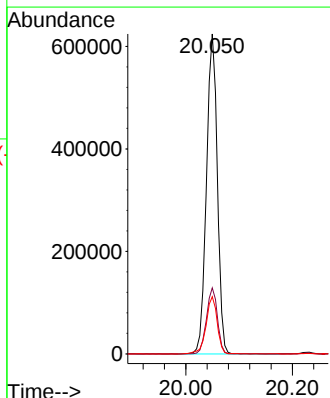
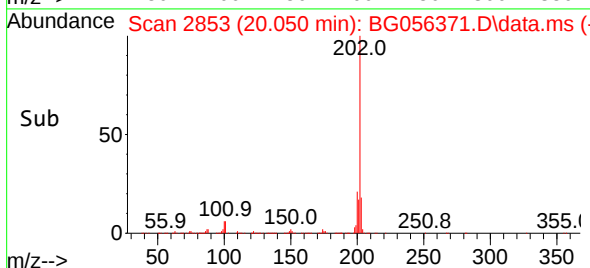
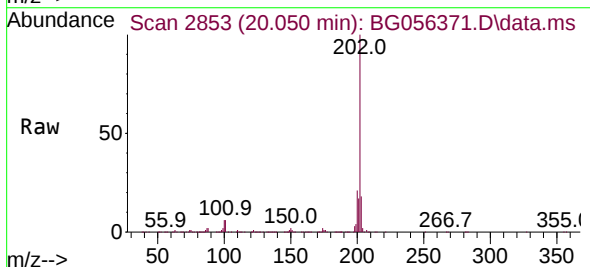
Manual Integrations  
APPROVED

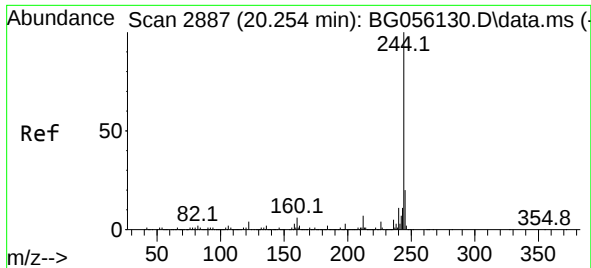
Reviewed By :Christian Giraldo 01/23/2023  
Supervised By :Jagrut Upadhyay 01/23/2023



#78  
Pyrene  
Concen: 43.742 ng  
RT: 20.050 min Scan# 2853  
Delta R.T. -0.001 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

Tgt Ion:202 Resp: 883488  
Ion Ratio Lower Upper  
202 100  
200 20.6 16.4 24.6  
203 17.9 14.3 21.5





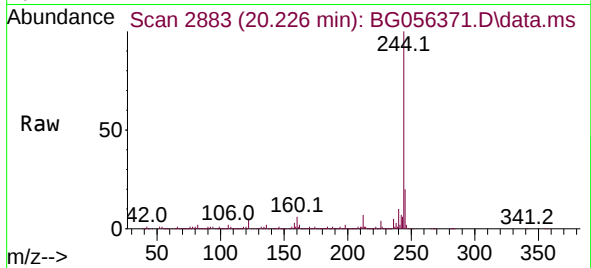
#79  
 Terphenyl-d14  
 Concen: 77.344 ng  
 RT: 20.226 min Scan# 2883  
 Delta R.T. -0.007 min  
 Lab File: BG056371.D  
 Acq: 20 Jan 2023 17:24

Instrument :

BNA\_G

ClientSampleId :

BORING-3MSD

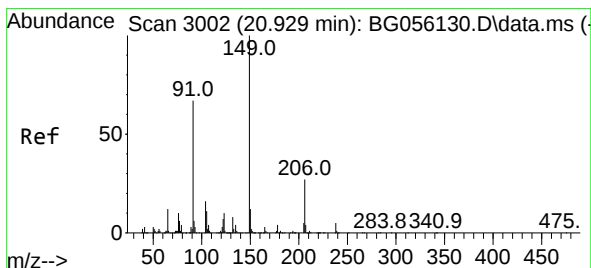
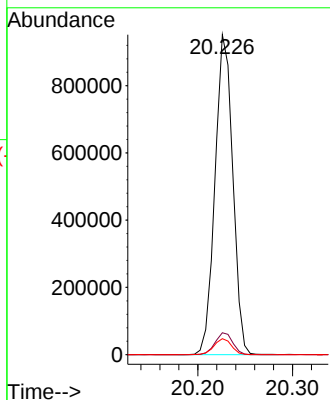
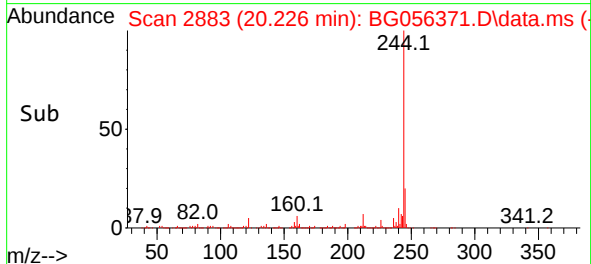


Tgt Ion:244 Resp: 1237444  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.7 8.5  
 122 5.0 3.5 5.3

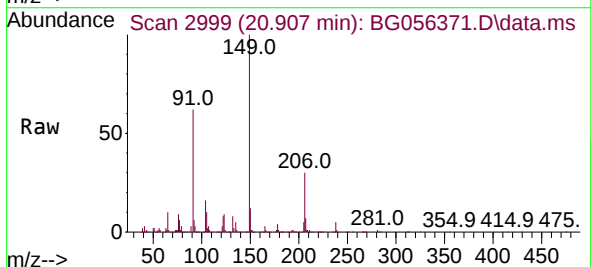
Manual Integrations

APPROVED

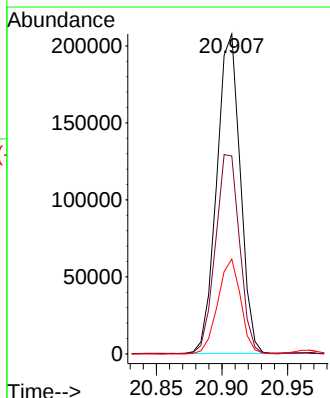
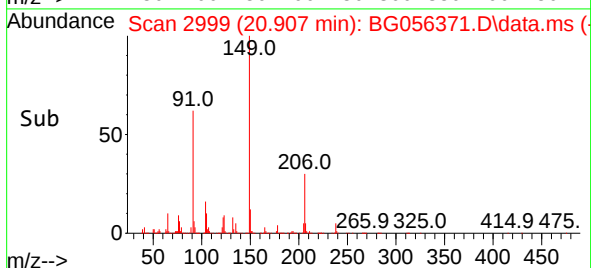
Reviewed By :Christian Giraldo 01/23/2023  
 Supervised By :Jagrut Upadhyay 01/23/2023

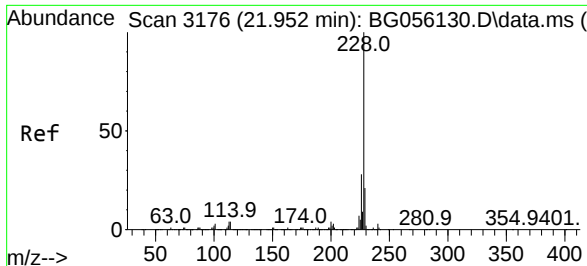


#80  
 Butylbenzylphthalate  
 Concen: 44.751 ng  
 RT: 20.907 min Scan# 2999  
 Delta R.T. -0.001 min  
 Lab File: BG056371.D  
 Acq: 20 Jan 2023 17:24



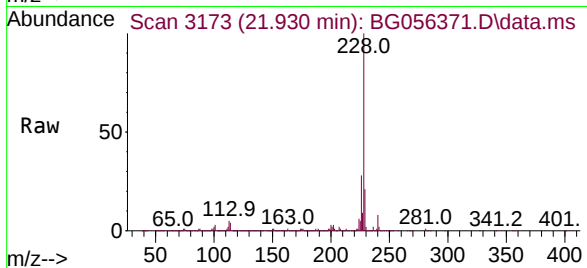
Tgt Ion:149 Resp: 259310  
 Ion Ratio Lower Upper  
 149 100  
 91 61.8 53.5 80.3  
 206 29.6 21.9 32.9





#81  
Benzo(a)anthracene  
Concen: 43.492 ng  
RT: 21.930 min Scan# 3173  
Delta R.T. -0.001 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

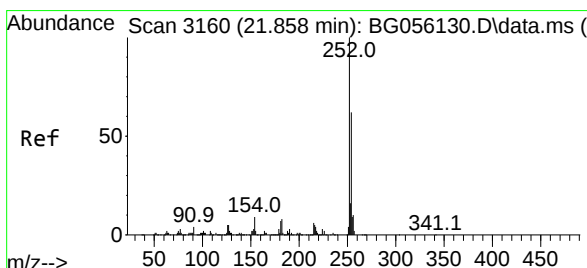
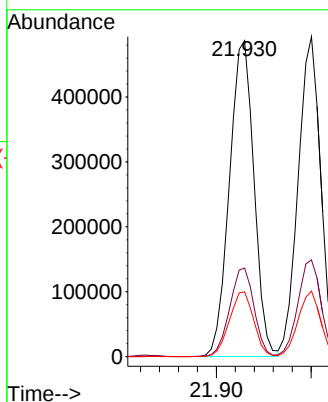
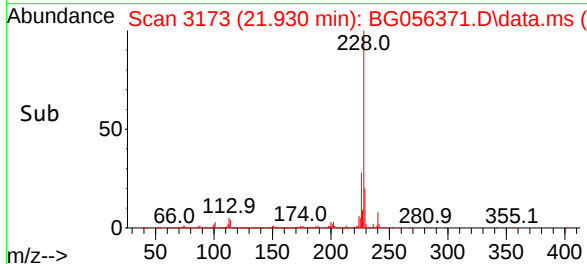
Instrument :  
BNA\_G  
ClientSampleId :  
BORING-3MSD



Tgt Ion:228 Resp: 875362  
Ion Ratio Lower Upper  
228 100  
226 28.0 22.6 34.0  
229 20.5 16.9 25.3

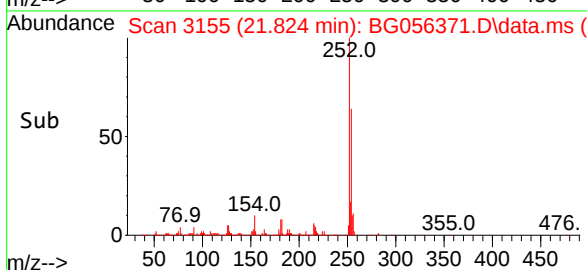
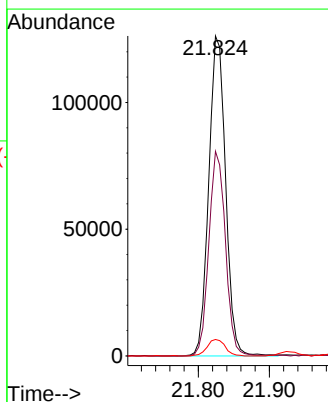
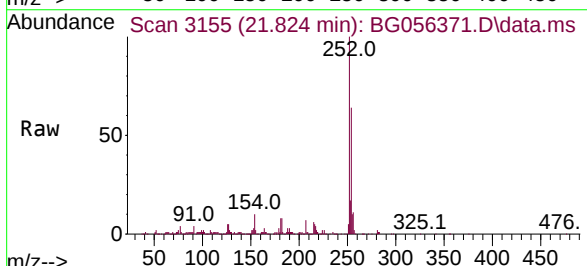
Manual Integrations  
APPROVED

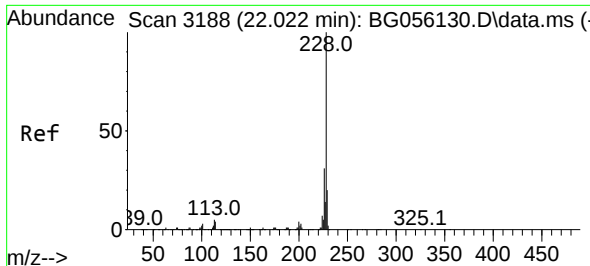
Reviewed By :Christian Giraldo 01/23/2023  
Supervised By :Jagrut Upadhyay 01/23/2023



#82  
3,3'-Dichlorobenzidine  
Concen: 28.674 ng  
RT: 21.824 min Scan# 3155  
Delta R.T. -0.007 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

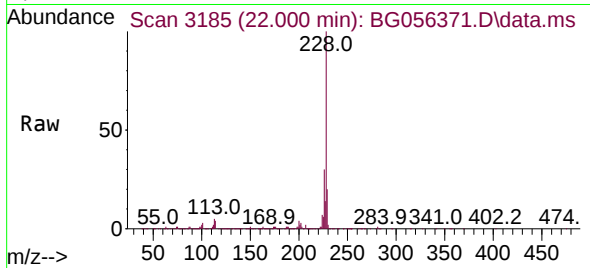
Tgt Ion:252 Resp: 207749  
Ion Ratio Lower Upper  
252 100  
254 63.9 49.5 74.3  
126 5.1 4.0 6.0





#83  
Chrysene  
Concen: 43.043 ng  
RT: 22.000 min Scan# 3188  
Delta R.T. -0.001 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

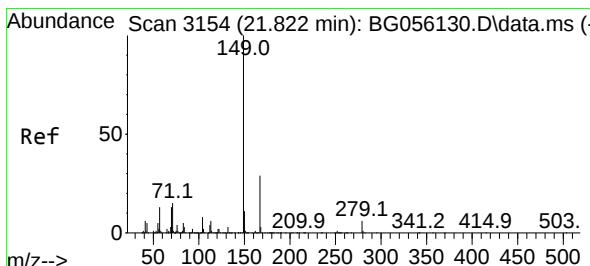
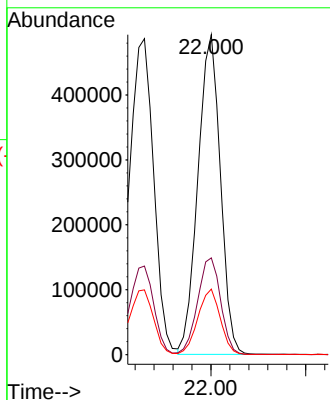
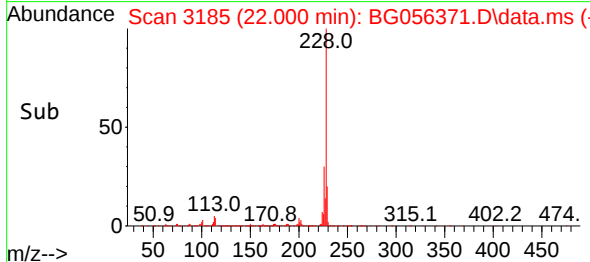
Instrument :  
BNA\_G  
ClientSampleId :  
BORING-3MSD



Tgt Ion:228 Resp: 811492  
Ion Ratio Lower Upper  
228 100  
226 30.2 24.6 36.8  
229 20.5 15.8 23.6

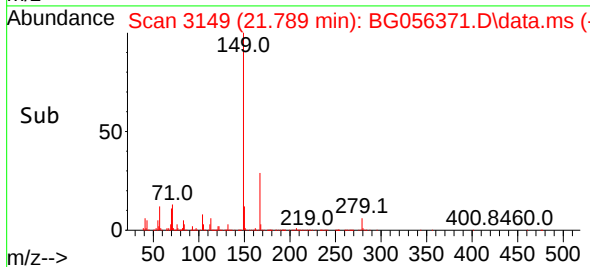
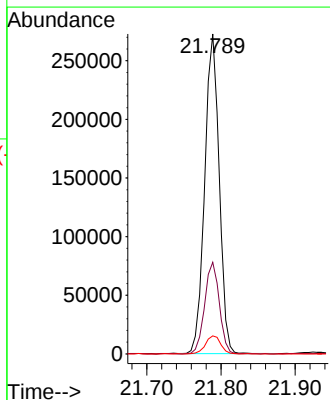
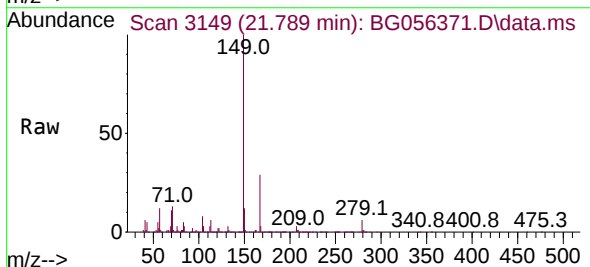
Manual Integrations  
APPROVED

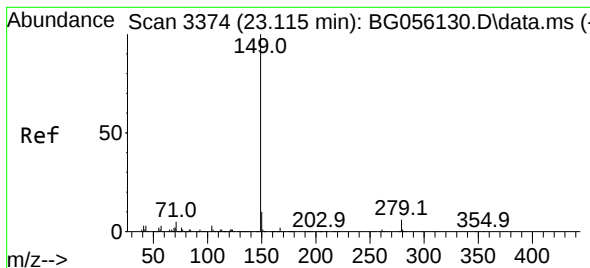
Reviewed By :Christian Giraldo 01/23/2023  
Supervised By :Jagrut Upadhyay 01/23/2023



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 44.193 ng  
RT: 21.789 min Scan# 3149  
Delta R.T. -0.007 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

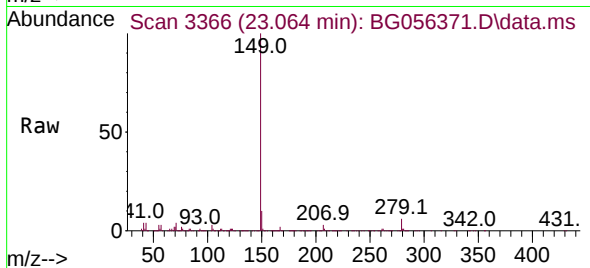
Tgt Ion:149 Resp: 368933  
Ion Ratio Lower Upper  
149 100  
167 28.6 23.4 35.2  
279 5.6 4.7 7.1





#85  
Di-n-octyl phthalate  
Concen: 44.452 ng  
RT: 23.064 min Scan# 3374  
Delta R.T. -0.007 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

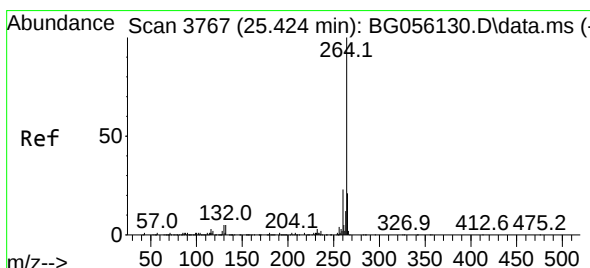
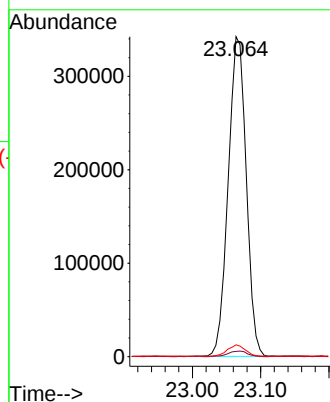
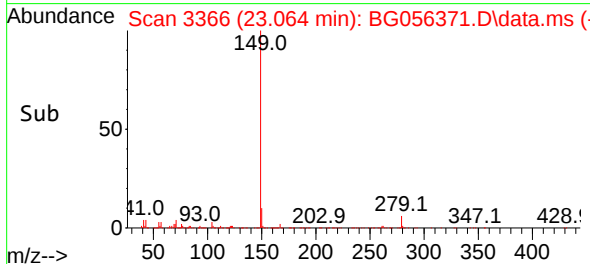
Instrument :  
BNA\_G  
ClientSampleId :  
BORING-3MSD



Tgt Ion:149 Resp: 62647  
Ion Ratio Lower Upper  
149 100  
167 1.9 1.4 2.2  
43 3.6 2.9 4.3

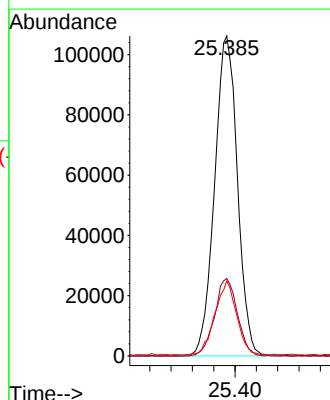
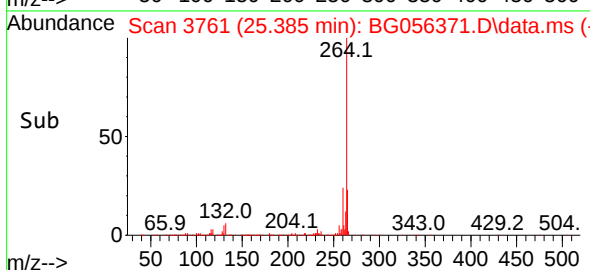
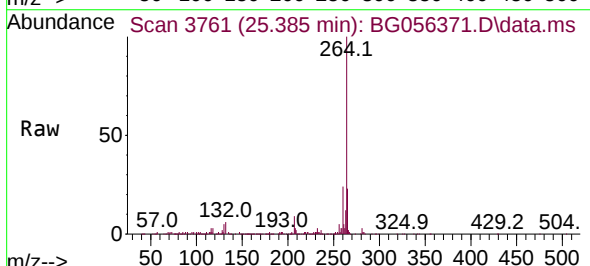
Manual Integrations  
APPROVED

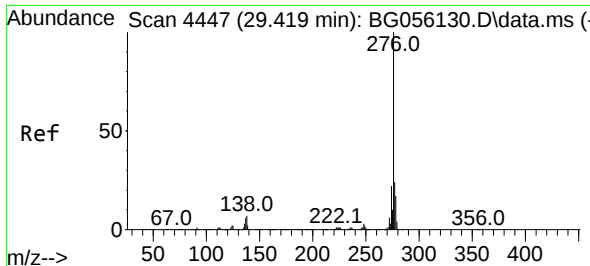
Reviewed By :Christian Giraldo 01/23/2023  
Supervised By :Jagrut Upadhyay 01/23/2023



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.385 min Scan# 3761  
Delta R.T. -0.007 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

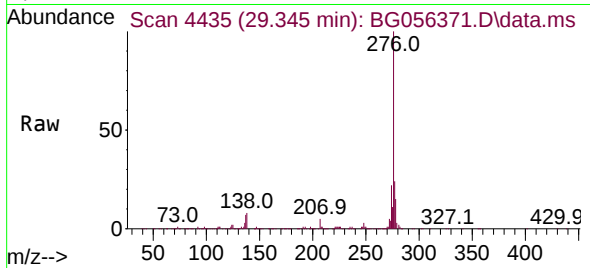
Tgt Ion:264 Resp: 315204  
Ion Ratio Lower Upper  
264 100  
260 24.2 18.6 28.0  
265 23.4 16.7 25.1





#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 45.426 ng  
 RT: 29.345 min Scan# 4447  
 Delta R.T. -0.013 min  
 Lab File: BG056371.D  
 Acq: 20 Jan 2023 17:24

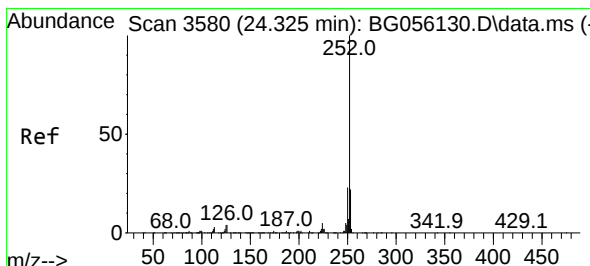
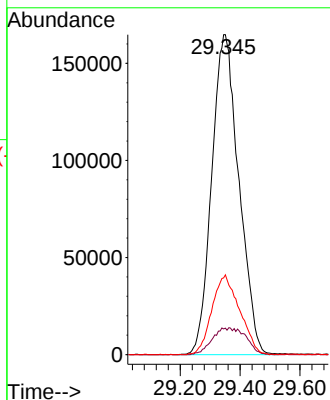
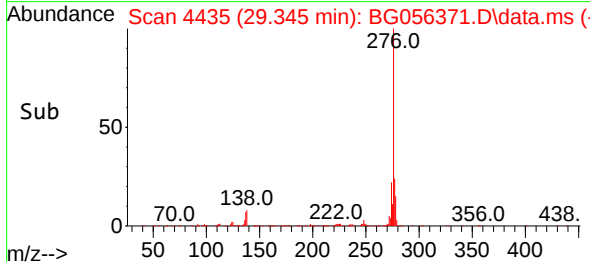
Instrument :  
 BNA\_G  
 ClientSampleId :  
 BORING-3MSD



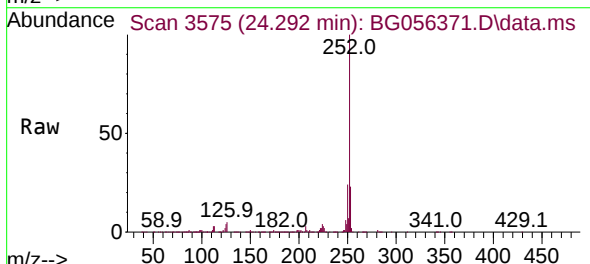
Tgt Ion:276 Resp: 1041329  
 Ion Ratio Lower Upper  
 276 100  
 138 4.7 5.0 7.4  
 277 25.4 20.5 30.7

Manual Integrations  
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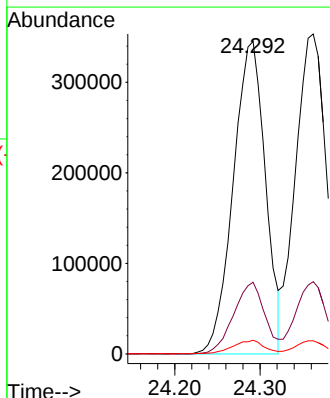
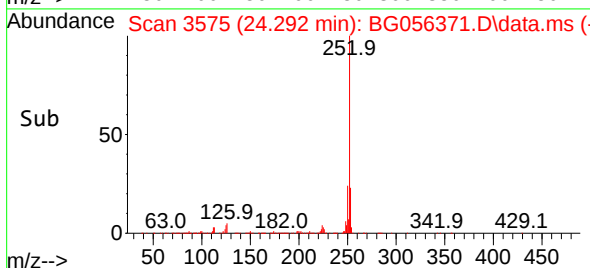
Reviewed By :Christian Giraldo 01/23/2023  
 Supervised By :Jagrut Upadhyay 01/23/2023

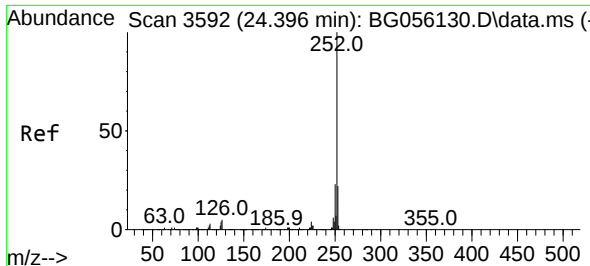


#88  
 Benzo(b)fluoranthene  
 Concen: 45.151 ng  
 RT: 24.292 min Scan# 3575  
 Delta R.T. -0.001 min  
 Lab File: BG056371.D  
 Acq: 20 Jan 2023 17:24



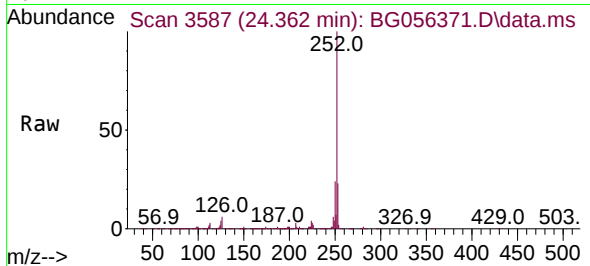
Tgt Ion:252 Resp: 904232  
 Ion Ratio Lower Upper  
 252 100  
 253 22.9 17.4 26.2  
 125 4.4 3.0 4.4





#89  
Benzo(k)fluoranthene  
Concen: 44.606 ng  
RT: 24.362 min Scan# 3592  
Delta R.T. -0.007 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

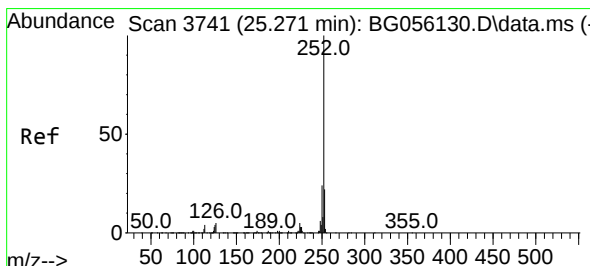
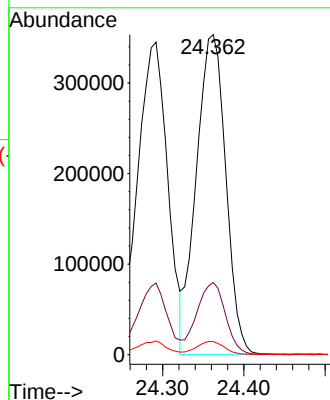
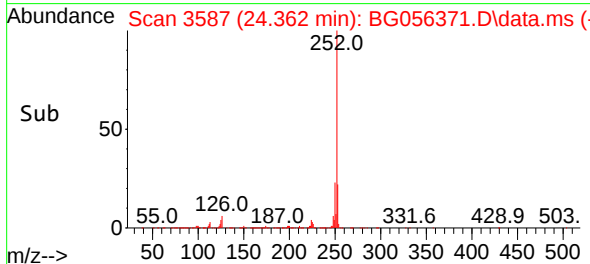
Instrument :  
BNA\_G  
ClientSampleId :  
BORING-3MSD



Tgt Ion:252 Resp: 889573  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.5 26.3  
125 4.1 3.4 5.0

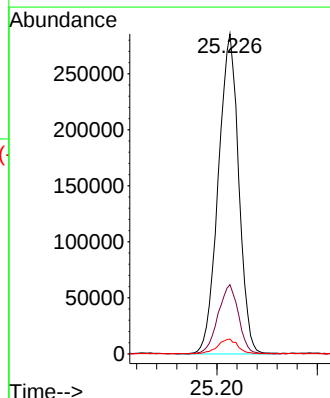
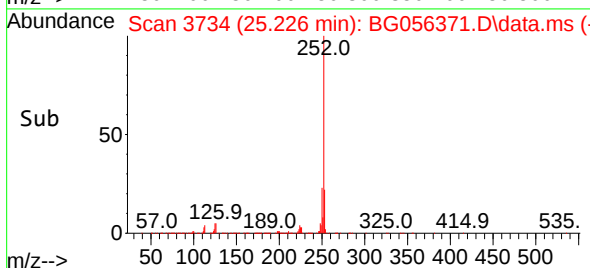
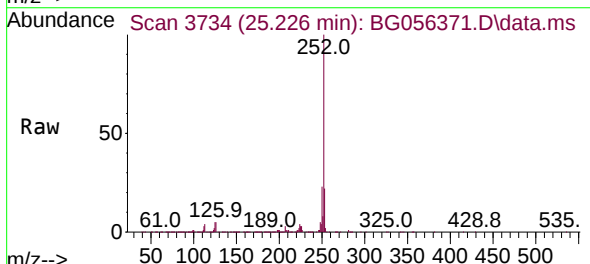
Manual Integrations  
APPROVED

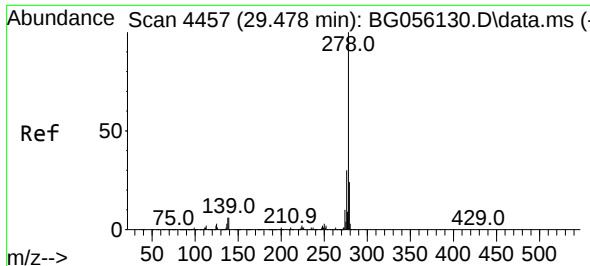
Reviewed By :Christian Giraldo 01/23/2023  
Supervised By :Jagrut Upadhyay 01/23/2023



#90  
Benzo(a)pyrene  
Concen: 41.337 ng  
RT: 25.226 min Scan# 3734  
Delta R.T. -0.001 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

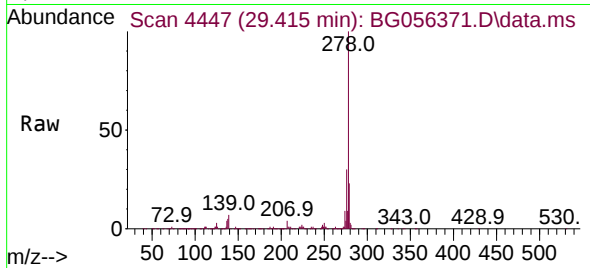
Tgt Ion:252 Resp: 807447  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.4 26.2  
125 4.6 3.2 4.8





#91  
Dibenzo(a,h)anthracene  
Concen: 45.507 ng  
RT: 29.415 min Scan# 4457  
Delta R.T. 0.005 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24

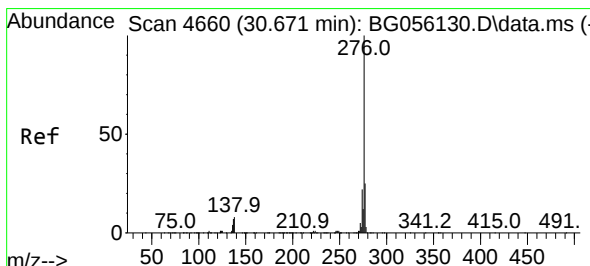
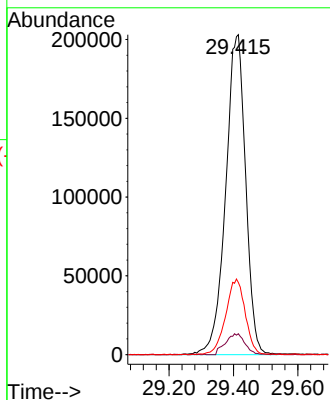
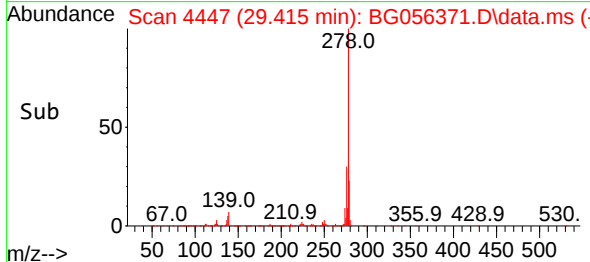
Instrument :  
BNA\_G  
ClientSampleId :  
BORING-3MSD



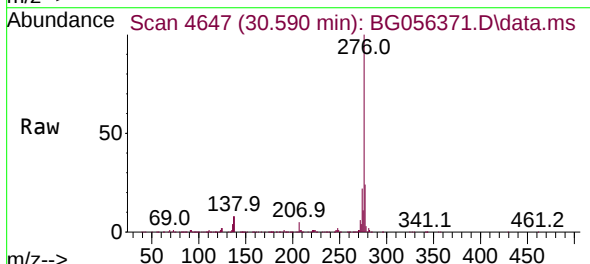
Tgt Ion:278 Resp: 874615  
Ion Ratio Lower Upper  
278 100  
139 6.6 4.8 7.2  
279 22.5 19.0 28.4

Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 01/23/2023  
Supervised By :Jagrut Upadhyay 01/23/2023



#92  
Benzo(g,h,i)perylene  
Concen: 44.949 ng  
RT: 30.590 min Scan# 4647  
Delta R.T. -0.007 min  
Lab File: BG056371.D  
Acq: 20 Jan 2023 17:24



Tgt Ion:276 Resp: 837742  
Ion Ratio Lower Upper  
276 100  
277 24.0 19.7 29.5  
138 8.4 6.7 10.1

