

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG112222\  
 Data File : BG055741.D  
 Acq On : 22 Nov 2022 15:44  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 11/23/2022  
 Supervised By : Jagrut Upadhyay 11/23/2022

Quant Time: Nov 23 04:13:31 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 23 01:35:20 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.244  | 152  | 42605    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.076 | 136  | 183421   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.872 | 164  | 134085   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.610 | 188  | 306950   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.911 | 240  | 268431   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 25.318 | 264  | 285385   | 20.000 | ng    | 0.02     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.777  | 112  | 180924   | 76.757 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.392  | 99   | 249084   | 79.385 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.419  | 82   | 270369   | 77.910 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.358 | 330  | 142540   | 75.494 | ng    | 0.01     |
| 45) 2-Fluorobiphenyl          | 13.497 | 172  | 675511   | 75.475 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.195 | 244  | 1030719  | 76.801 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.603  | 88   | 40925    | 40.628 | ng    | 98       |
| 3) Pyridine                   | 4.020  | 79   | 118360   | 38.302 | ng    | 98       |
| 4) n-Nitrosodimethylamine     | 3.932  | 42   | 62919    | 38.458 | ng    | 98       |
| 6) Aniline                    | 7.563  | 93   | 157189   | 39.885 | ng    | 98       |
| 8) 2-Chlorophenol             | 7.810  | 128  | 106732   | 39.610 | ng    | 98       |
| 9) Benzaldehyde               | 7.375  | 77   | 78598    | 36.885 | ng    | 98       |
| 10) Phenol                    | 7.416  | 94   | 139867   | 39.812 | ng    | 100      |
| 11) bis(2-Chloroethyl)ether   | 7.651  | 93   | 106672   | 39.620 | ng    | 100      |
| 12) 1,3-Dichlorobenzene       | 8.133  | 146  | 122553   | 38.684 | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 8.285  | 146  | 123457   | 38.564 | ng    | 98       |
| 14) 1,2-Dichlorobenzene       | 8.609  | 146  | 118423   | 38.603 | ng    | 97       |
| 15) Benzyl Alcohol            | 8.479  | 79   | 107299   | 42.078 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.767  | 45   | 195168   | 40.043 | ng    | 98       |
| 17) 2-Methylphenol            | 8.685  | 107  | 102227   | 40.985 | ng    | 97       |
| 18) Hexachloroethane          | 9.343  | 117  | 44324    | 40.227 | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 9.049  | 70   | 98267    | 40.761 | ng    | 99       |
| 20) 3+4-Methylphenols         | 9.014  | 107  | 145326   | 41.709 | ng    | 98       |
| 22) Acetophenone              | 9.073  | 105  | 181044   | 37.985 | ng    | # 98     |
| 24) Nitrobenzene              | 9.466  | 77   | 139680   | 38.535 | ng    | 99       |
| 25) Isophorone                | 9.983  | 82   | 261635   | 39.791 | ng    | 99       |
| 26) 2-Nitrophenol             | 10.177 | 139  | 69300    | 41.414 | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 10.230 | 122  | 101454m  | 39.837 | ng    |          |
| 28) bis(2-Chloroethoxy)met... | 10.459 | 93   | 139019   | 39.383 | ng    | 99       |
| 29) 2,4-Dichlorophenol        | 10.718 | 162  | 120930   | 39.672 | ng    | 99       |
| 30) 1,2,4-Trichlorobenzene    | 10.935 | 180  | 132950   | 37.542 | ng    | 99       |
| 31) Naphthalene               | 11.129 | 128  | 378136   | 38.136 | ng    | 99       |
| 32) Benzoic acid              | 10.371 | 122  | 76808    | 36.658 | ng    | 97       |
| 33) 4-Chloroaniline           | 11.229 | 127  | 161827   | 39.564 | ng    | 97       |
| 34) Hexachlorobutadiene       | 11.399 | 225  | 90365    | 37.369 | ng    | 97       |
| 35) Caprolactam               | 11.999 | 113  | 40491    | 38.386 | ng    | 98       |
| 36) 4-Chloro-3-methylphenol   | 12.334 | 107  | 135736   | 40.515 | ng    | 96       |
| 37) 2-Methylnaphthalene       | 12.716 | 142  | 289911   | 39.050 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.933 | 142  | 281778   | 39.096 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 13.080 | 216  | 160788   | 38.159 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 13.050 | 237  | 93392    | 43.976 | ng    | 95       |
| 43) 2,4,6-Trichlorophenol     | 13.309 | 196  | 113672   | 39.547 | ng    | 100      |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 23 01:35:20 2022  
 Response via : Initial Calibration

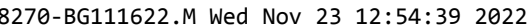
| Compound                       | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol      | 13.385 | 196  | 124116   | 39.294 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 13.709 | 154  | 373334   | 38.208 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 13.756 | 162  | 293141   | 38.598 | ng    | 98       |
| 48) 2-Nitroaniline             | 13.955 | 65   | 101018   | 40.457 | ng    | 95       |
| 49) Acenaphthylene             | 14.596 | 152  | 482035   | 38.544 | ng    | 100      |
| 50) Dimethylphthalate          | 14.314 | 163  | 407017   | 38.079 | ng    | 98       |
| 51) 2,6-Dinitrotoluene         | 14.437 | 165  | 86676    | 39.659 | ng    | 98       |
| 52) Acenaphthene               | 14.936 | 154  | 322947m  | 39.511 | ng    |          |
| 53) 3-Nitroaniline             | 14.772 | 138  | 94229    | 39.276 | ng    | 96       |
| 54) 2,4-Dinitrophenol          | 14.978 | 184  | 57824    | 46.017 | ng    | 98       |
| 55) Dibenzofuran               | 15.266 | 168  | 480687   | 38.121 | ng    | 99       |
| 56) 4-Nitrophenol              | 15.072 | 139  | 76737    | 40.753 | ng    | 100      |
| 57) 2,4-Dinitrotoluene         | 15.224 | 165  | 124076   | 40.267 | ng    | 97       |
| 58) Fluorene                   | 15.912 | 166  | 383399   | 38.070 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.489 | 232  | 114695   | 37.474 | ng    | 97       |
| 60) Diethylphthalate           | 15.665 | 149  | 411132   | 38.044 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.894 | 204  | 209397   | 37.825 | ng    | 96       |
| 62) 4-Nitroaniline             | 15.929 | 138  | 95486    | 38.074 | ng    | 97       |
| 63) Azobenzene                 | 16.188 | 77   | 366000   | 38.793 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylph...  | 15.988 | 198  | 75696    | 44.164 | ng    | 96       |
| 66) n-Nitrosodiphenylamine     | 16.112 | 169  | 339209   | 40.099 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.793 | 248  | 139412   | 39.862 | ng    | 97       |
| 68) Hexachlorobenzene          | 16.917 | 284  | 150210   | 38.734 | ng    | 99       |
| 69) Atrazine                   | 17.046 | 200  | 127987   | 38.255 | ng    | 99       |
| 70) Pentachlorophenol          | 17.257 | 266  | 90084    | 37.974 | ng    | 98       |
| 71) Phenanthrene               | 17.657 | 178  | 628303   | 37.931 | ng    | 100      |
| 72) Anthracene                 | 17.745 | 178  | 616788   | 38.324 | ng    | 100      |
| 73) Carbazole                  | 18.009 | 167  | 546030   | 37.739 | ng    | 100      |
| 74) Di-n-butylphthalate        | 18.544 | 149  | 672343   | 37.424 | ng    | 100      |
| 75) Fluoranthene               | 19.649 | 202  | 707548   | 35.111 | ng    | 99       |
| 77) Benzidine                  | 19.819 | 184  | 214371   | 34.520 | ng    | 99       |
| 78) Pyrene                     | 20.013 | 202  | 713050   | 39.244 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.877 | 149  | 279153   | 39.246 | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.887 | 228  | 703096   | 38.029 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.793 | 252  | 244174   | 37.585 | ng    | 99       |
| 83) Chrysene                   | 21.964 | 228  | 667995   | 37.952 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha...  | 21.764 | 149  | 394597   | 38.601 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 23.033 | 149  | 682842   | 39.033 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene     | 29.249 | 276  | 842442   | 36.033 | ng    | # 94     |
| 88) Benzo(b)fluoranthene       | 24.231 | 252  | 699071   | 37.613 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 24.302 | 252  | 687759   | 37.123 | ng    | 99       |
| 90) Benzo(a)pyrene             | 25.160 | 252  | 594832   | 37.296 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 29.314 | 278  | 695447   | 36.401 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 30.489 | 276  | 683835   | 35.513 | ng    | 99       |

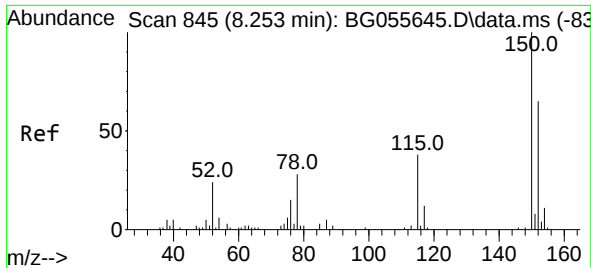
(#) = qualifier out of range (m) = manual integration (+) = signals summed

## Manual Integrations

Reviewed By :Christian Giraldo 11/23/2022  
Supervised By :Jagrut Upadhyay 11/23/2022

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QLast Update : Wed Nov 23 01:35:20 2022  
Response via : Initial Calibration





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.244 min Scan# 84  
Delta R.T. -0.002 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

Instrument :

BNA\_G

ClientSampleId :

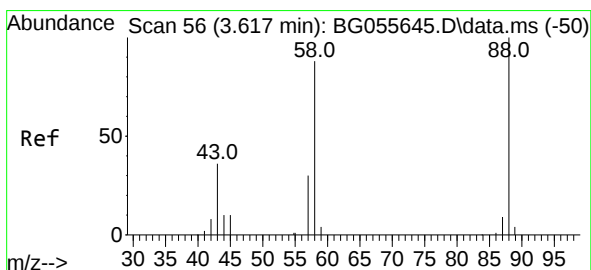
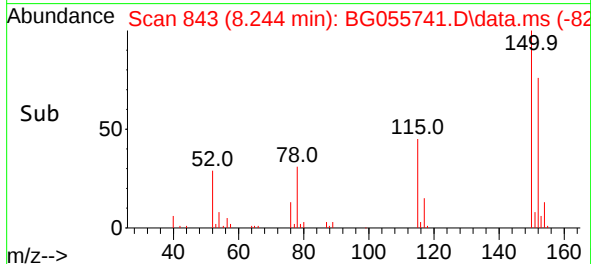
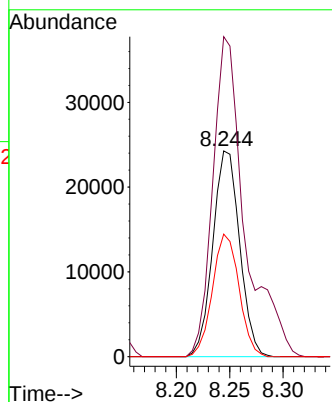
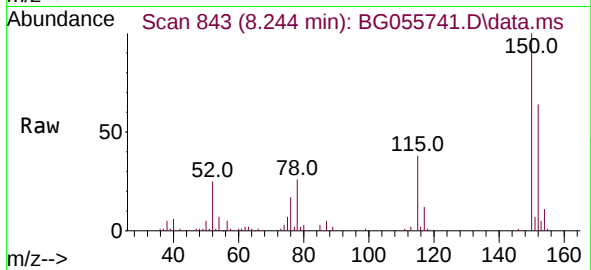
SSTDCCC040

Tgt Ion:152 Resp: 42605  
Ion Ratio Lower Upper  
152 100  
150 155.6 123.0 184.6  
115 59.5 47.0 70.4

Manual Integrations

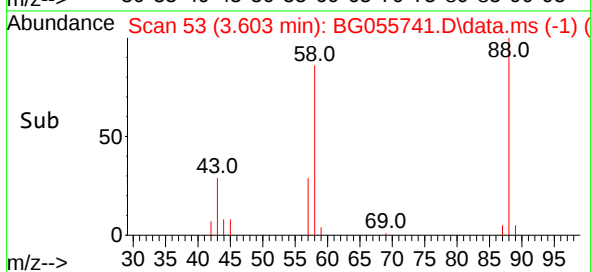
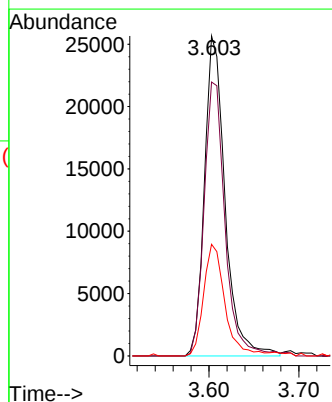
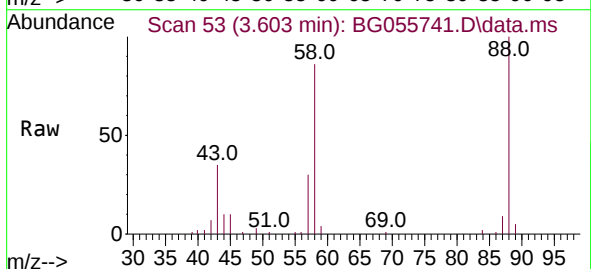
APPROVED

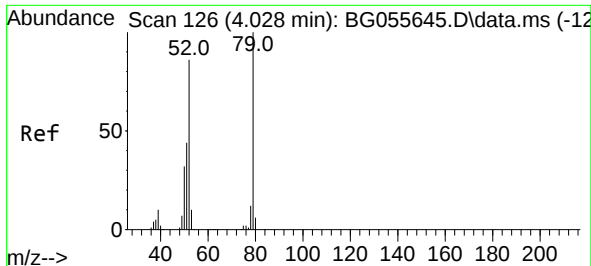
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#2  
1,4-Dioxane  
Concen: 40.628 ng  
RT: 3.603 min Scan# 53  
Delta R.T. -0.002 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

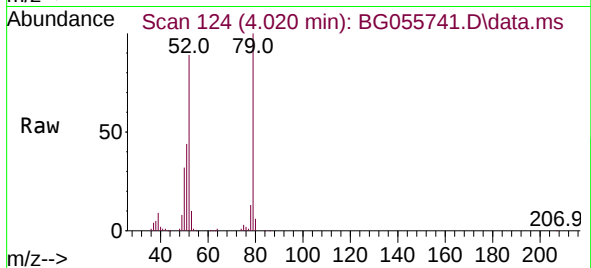
Tgt Ion: 88 Resp: 40925  
Ion Ratio Lower Upper  
88 100  
58 87.2 71.3 106.9  
43 37.0 28.6 43.0





#3  
Pyridine  
Concen: 38.302 ng  
RT: 4.020 min Scan# 110  
Delta R.T. -0.002 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

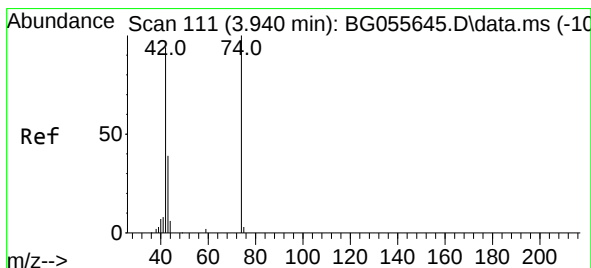
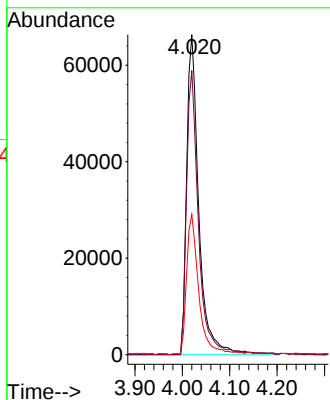
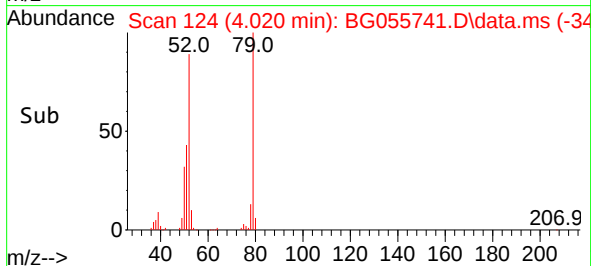
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



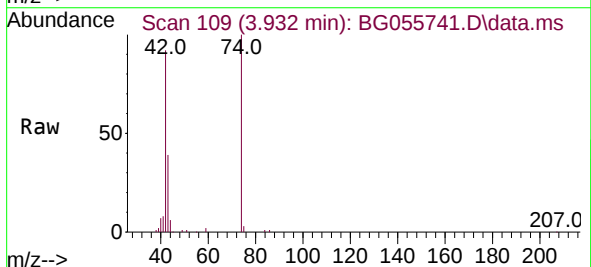
Tgt Ion: 79 Resp: 118360  
Ion Ratio Lower Upper  
79 100  
52 88.8 68.9 103.3  
51 43.8 34.8 52.2

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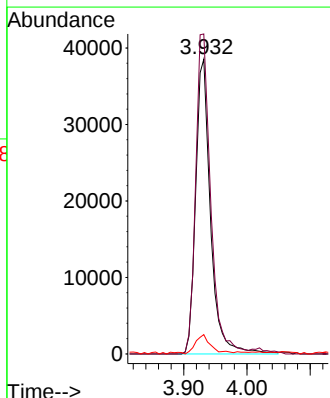
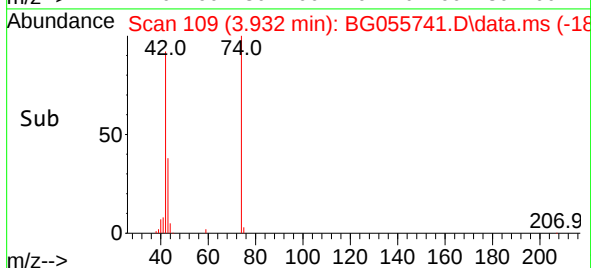
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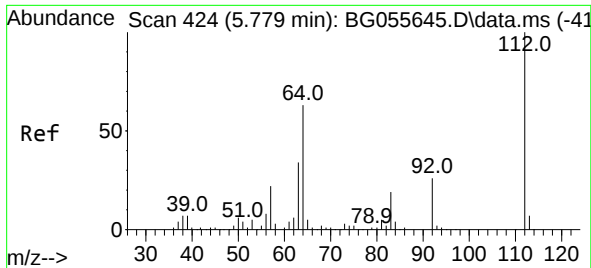


#4  
n-Nitrosodimethylamine  
Concen: 38.458 ng  
RT: 3.932 min Scan# 109  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44



Tgt Ion: 42 Resp: 62919  
Ion Ratio Lower Upper  
42 100  
74 108.6 84.7 127.1  
44 6.6 5.4 8.0





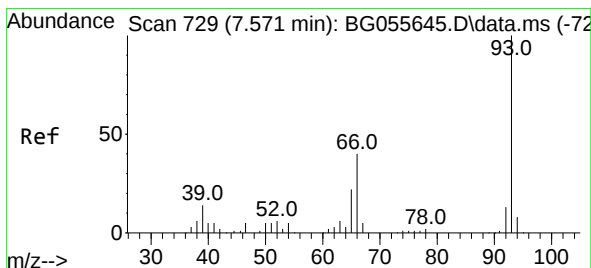
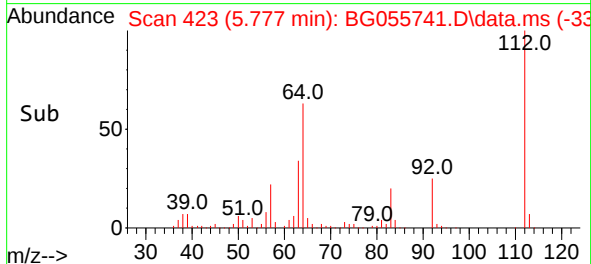
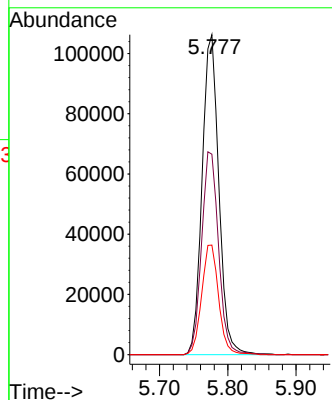
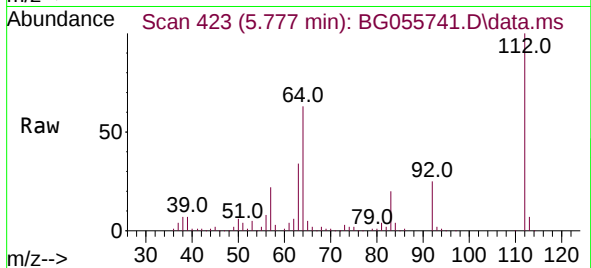
#5  
2-Fluorophenol  
Concen: 76.757 ng  
RT: 5.777 min Scan# 41  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

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SSTDCCC040

Tgt Ion:112 Resp: 180924  
Ion Ratio Lower Upper  
112 100  
64 62.6 50.6 76.0  
63 34.2 27.5 41.3

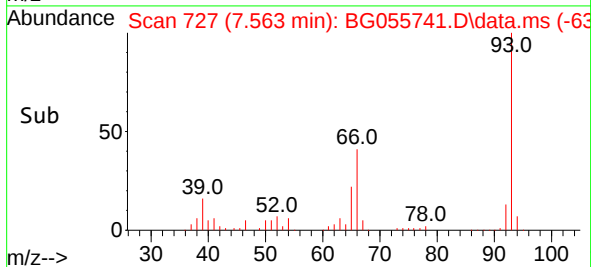
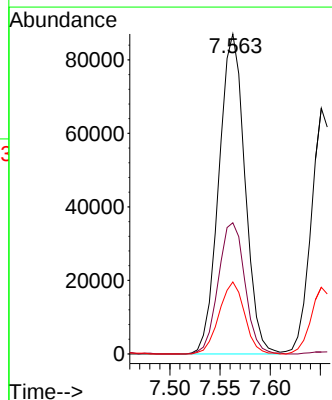
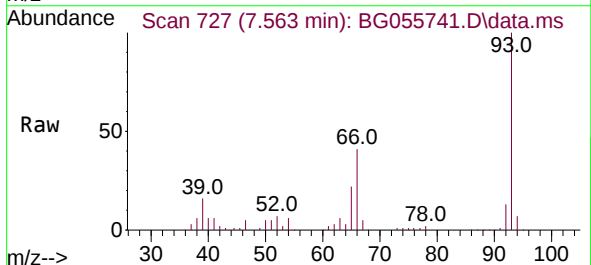
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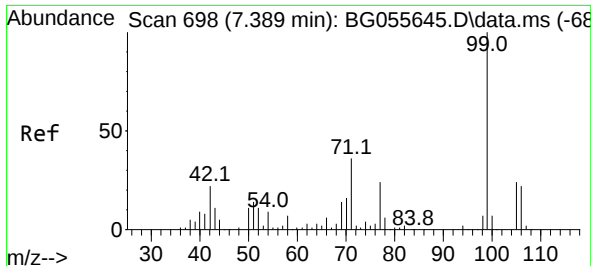
Reviewed By :Christian Giraldo 11/23/2022  
Supervised By :Jagrut Upadhyay 11/23/2022



#6  
Aniline  
Concen: 39.885 ng  
RT: 7.563 min Scan# 727  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

Tgt Ion: 93 Resp: 157189  
Ion Ratio Lower Upper  
93 100  
66 41.0 31.7 47.5  
65 22.5 17.9 26.9





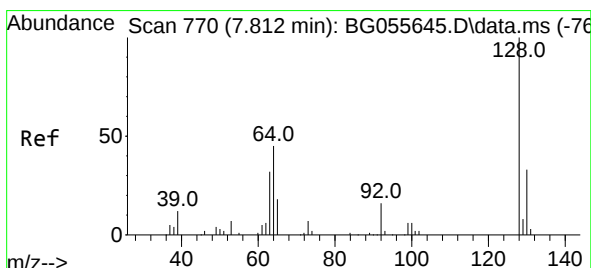
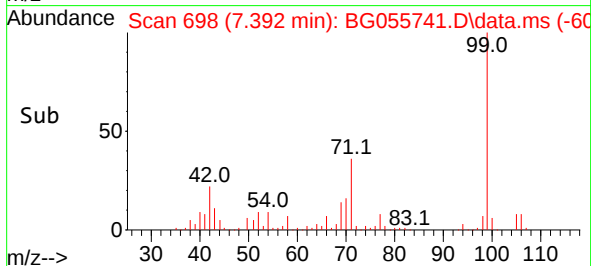
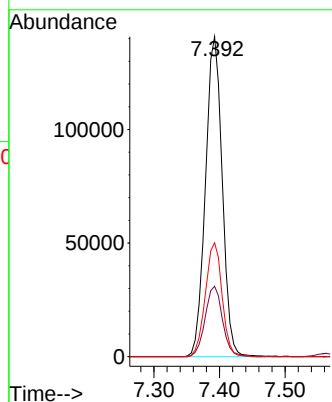
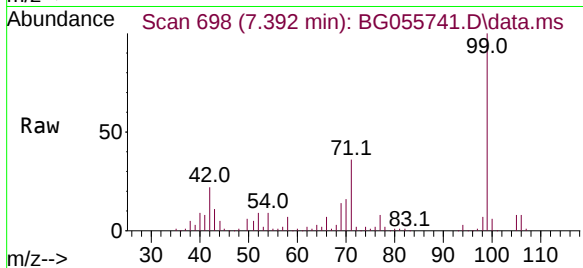
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Phenol-d6  
Concen: 79.385 ng  
RT: 7.392 min Scan# 698  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
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ClientSampleId :  
SSTDCCC040

Tgt Ion: 99 Resp: 249084  
Ion Ratio Lower Upper  
99 100  
42 22.0 18.0 27.0  
71 35.6 29.0 43.6

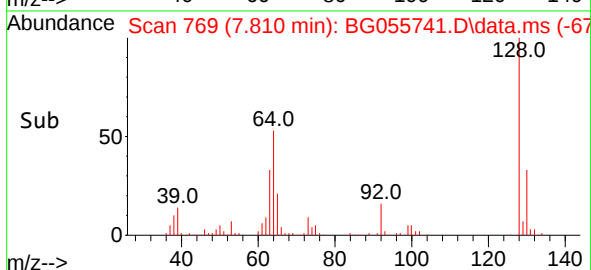
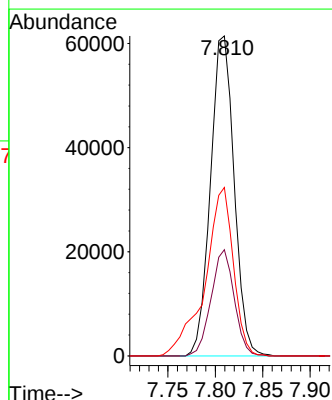
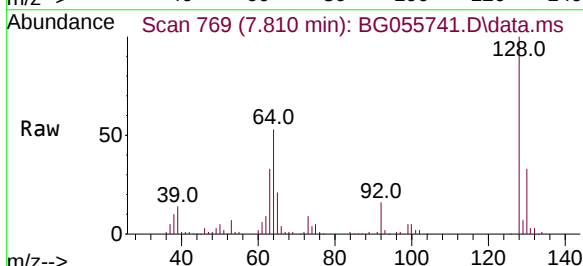
Manual Integrations  
APPROVED

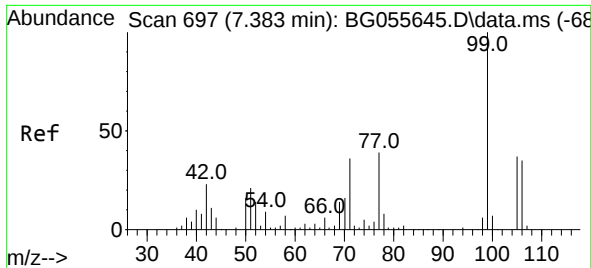
Reviewed By :Christian Giraldo 11/23/2022  
Supervised By :Jagrut Upadhyay 11/23/2022



#8  
2-Chlorophenol  
Concen: 39.610 ng  
RT: 7.810 min Scan# 769  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

Tgt Ion:128 Resp: 106732  
Ion Ratio Lower Upper  
128 100  
130 33.2 13.1 53.1  
64 52.6 30.2 70.2





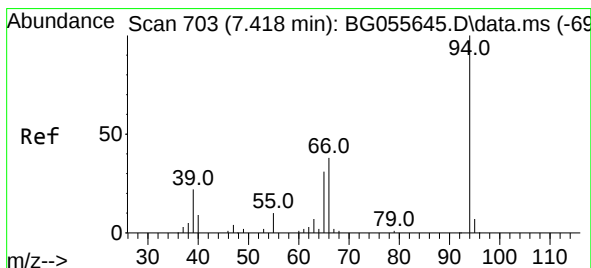
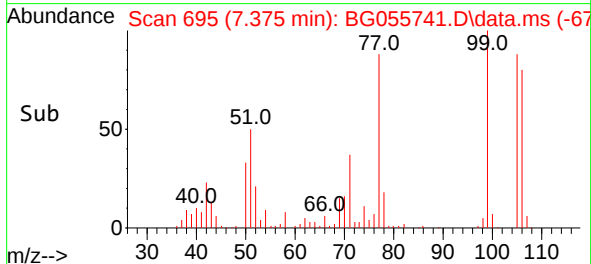
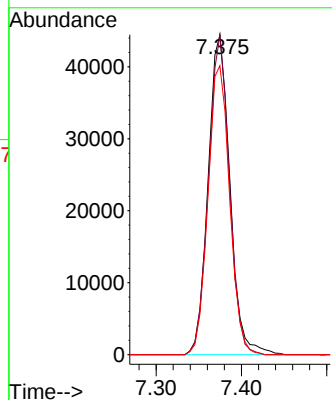
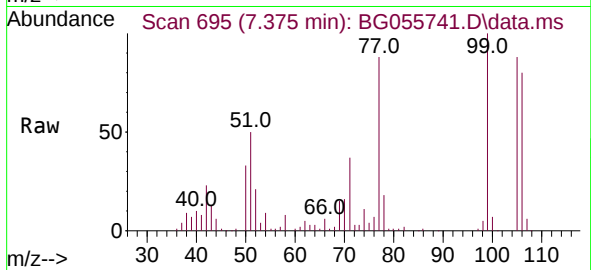
#9  
Benzaldehyde  
Concen: 36.885 ng  
RT: 7.375 min Scan# 69  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 77 Resp: 78598  
Ion Ratio Lower Upper  
77 100  
105 99.8 76.3 116.3  
106 90.3 69.8 109.8

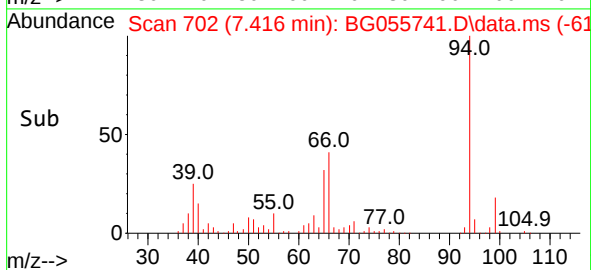
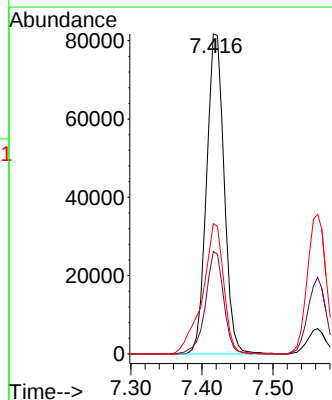
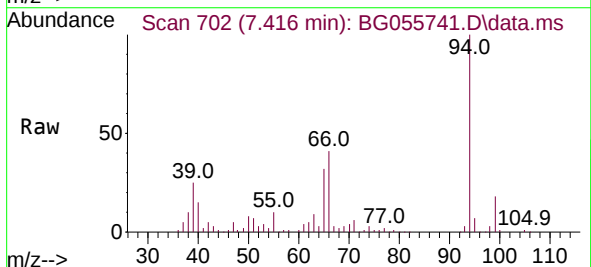
Manual Integrations  
APPROVED

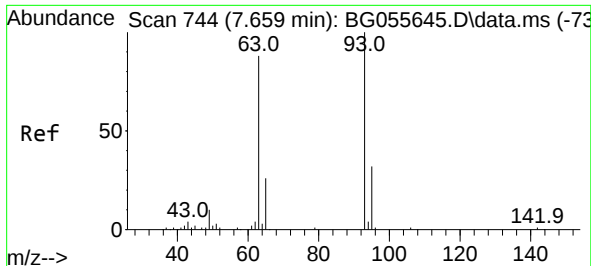
Reviewed By :Christian Giraldo 11/23/2022  
Supervised By :Jagrut Upadhyay 11/23/2022



#10  
Phenol  
Concen: 39.812 ng  
RT: 7.416 min Scan# 702  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

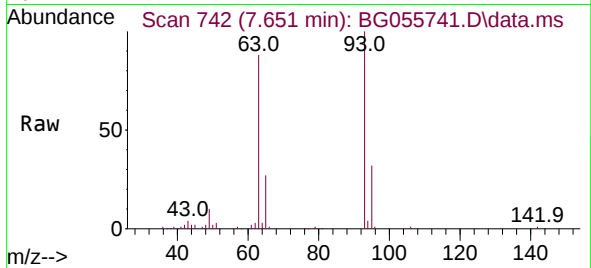
Tgt Ion: 94 Resp: 139867  
Ion Ratio Lower Upper  
94 100  
65 32.0 11.8 51.8  
66 40.7 20.5 60.5





#11  
bis(2-Chloroethyl)ether  
Concen: 39.620 ng  
RT: 7.651 min Scan# 744  
Delta R.T. -0.002 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

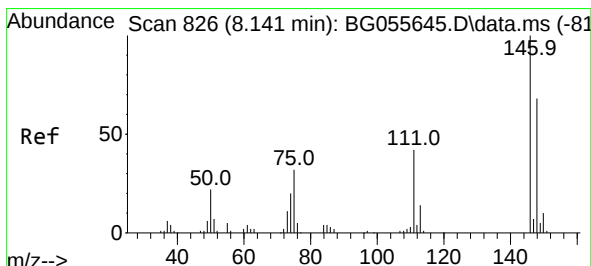
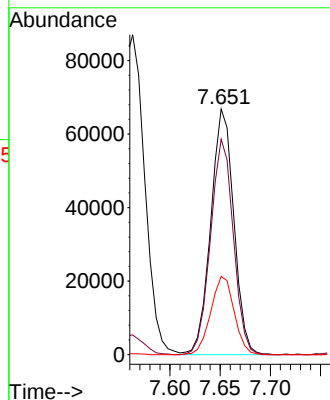
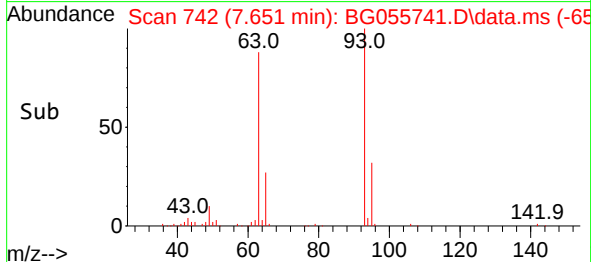
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



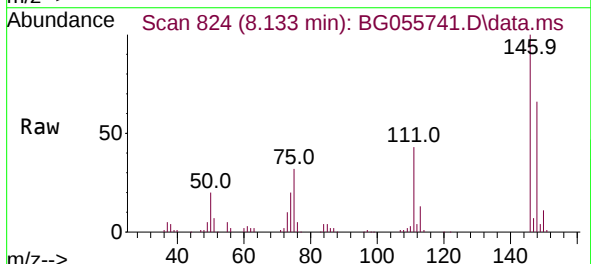
Tgt Ion: 93 Resp: 106672  
Ion Ratio Lower Upper  
93 100  
63 87.7 67.6 107.6  
95 31.8 11.8 51.8

Manual Integrations  
APPROVED

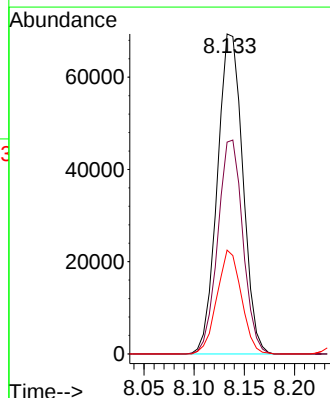
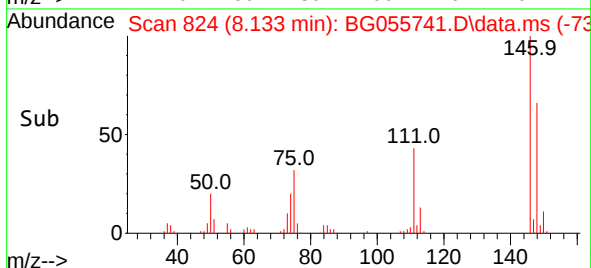
Reviewed By :Christian Giraldo 11/23/2022  
Supervised By :Jagrut Upadhyay 11/23/2022

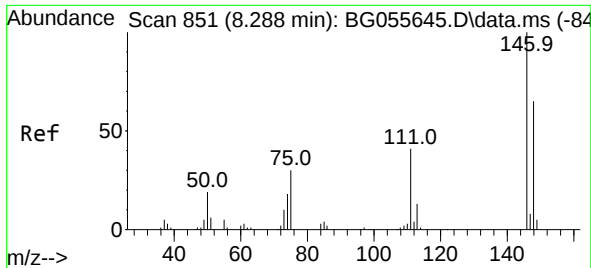


#12  
1,3-Dichlorobenzene  
Concen: 38.684 ng  
RT: 8.133 min Scan# 824  
Delta R.T. -0.002 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44



Tgt Ion:146 Resp: 122553  
Ion Ratio Lower Upper  
146 100  
148 66.2 54.6 81.8  
75 32.4 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 38.564 ng

RT: 8.285 min Scan# 851

Delta R.T. 0.004 min

Lab File: BG055741.D

Acq: 22 Nov 2022 15:44

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

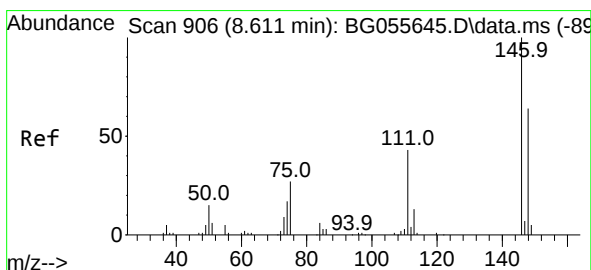
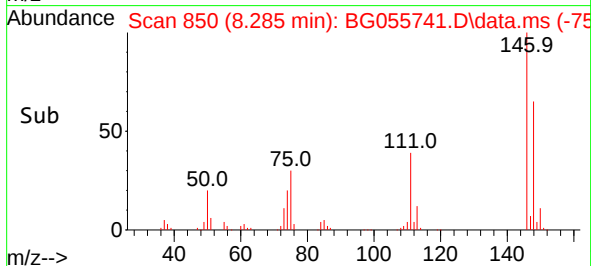
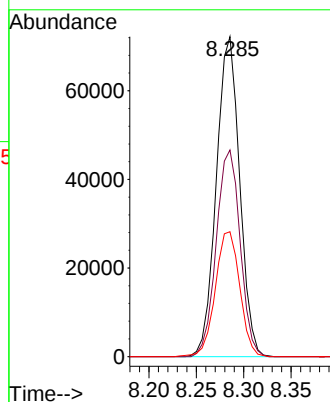
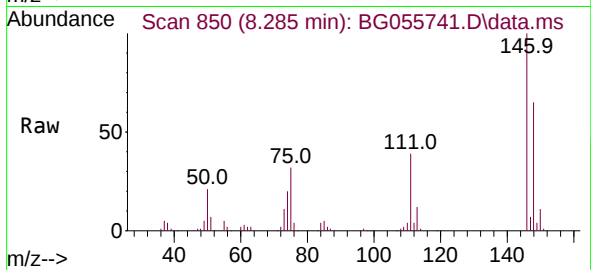
Tgt Ion:146 Resp: 12345  
 Ion Ratio Lower Upper  
 146 100  
 148 64.6 52.1 78.1  
 111 39.0 33.0 49.4

Manual Integrations

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Reviewed By :Christian Giraldo 11/23/2022

Supervised By :Jagrut Upadhyay 11/23/2022



#14

1,2-Dichlorobenzene

Concen: 38.603 ng

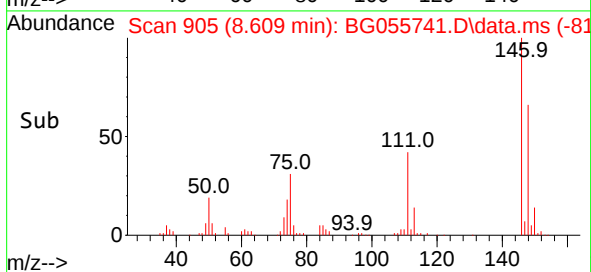
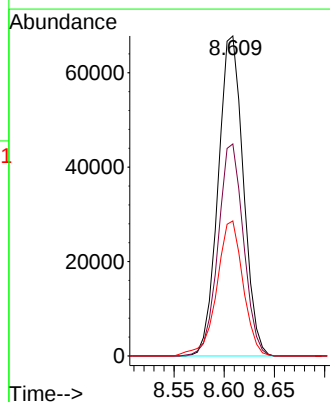
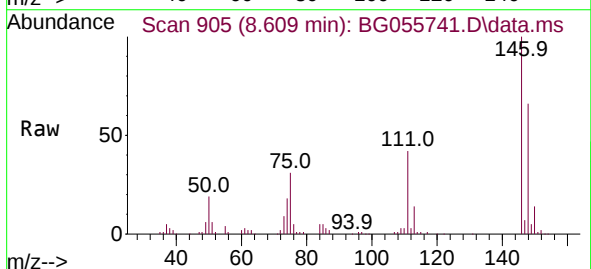
RT: 8.609 min Scan# 905

Delta R.T. 0.004 min

Lab File: BG055741.D

Acq: 22 Nov 2022 15:44

Tgt Ion:146 Resp: 118423  
 Ion Ratio Lower Upper  
 146 100  
 148 66.2 50.9 76.3  
 111 42.2 34.5 51.7





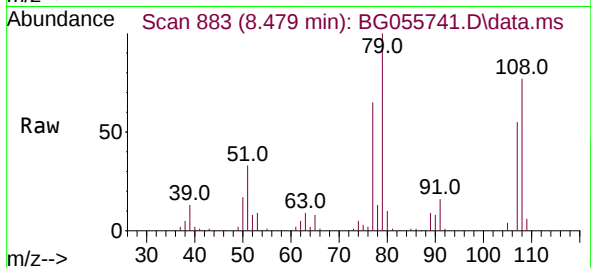
#15  
Benzyl Alcohol  
Concen: 42.078 ng  
RT: 8.479 min Scan# 885  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

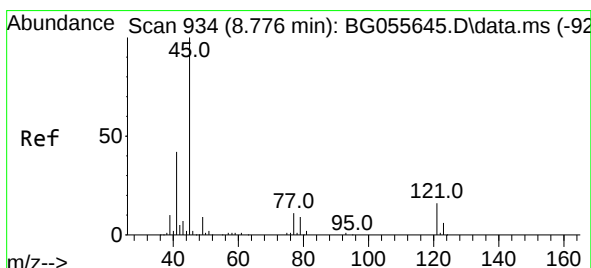
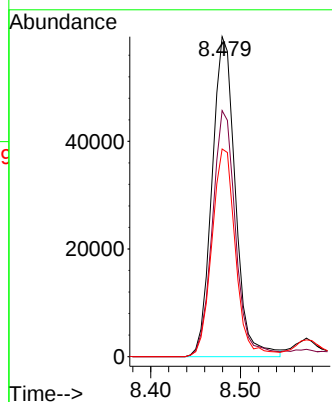
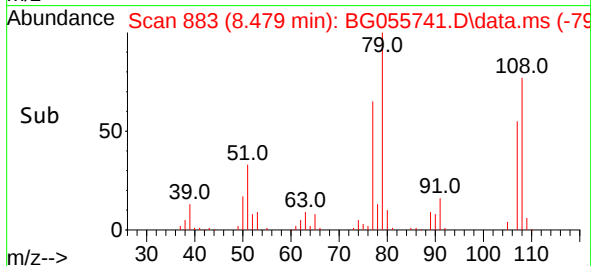


Tgt Ion: 79 Resp: 107299  
Ion Ratio Lower Upper  
79 100  
108 76.9 62.6 93.8  
77 64.9 52.4 78.6

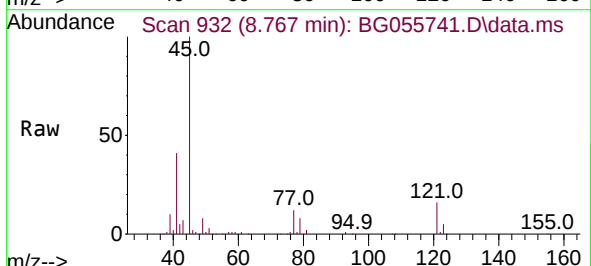
Manual Integrations

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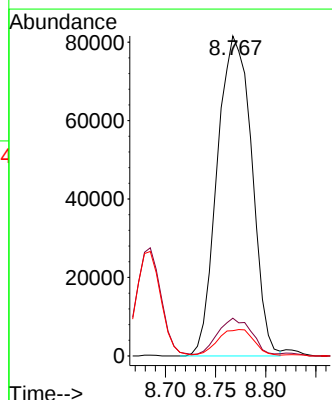
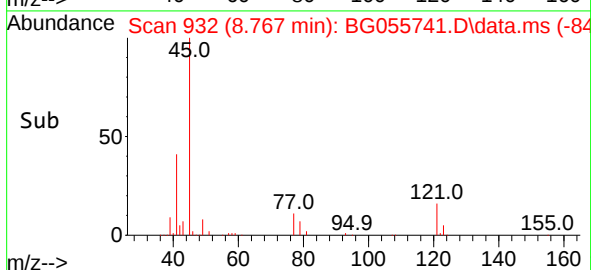
Reviewed By :Christian Giraldo 11/23/2022  
Supervised By :Jagrut Upadhyay 11/23/2022

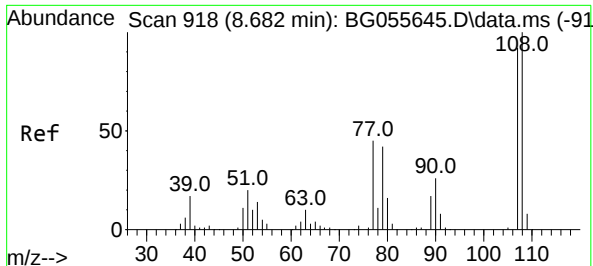


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.043 ng  
RT: 8.767 min Scan# 932  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44



Tgt Ion: 45 Resp: 195168  
Ion Ratio Lower Upper  
45 100  
77 11.8 0.0 31.7  
79 7.9 0.0 29.5





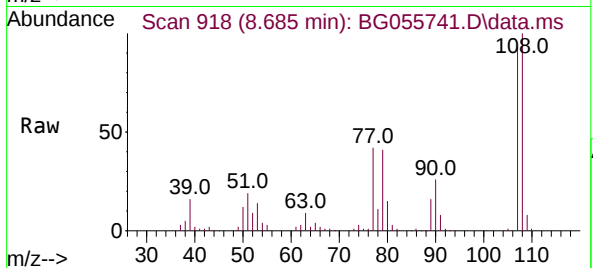
#17  
2-Methylphenol  
Concen: 40.985 ng  
RT: 8.685 min Scan# 918  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

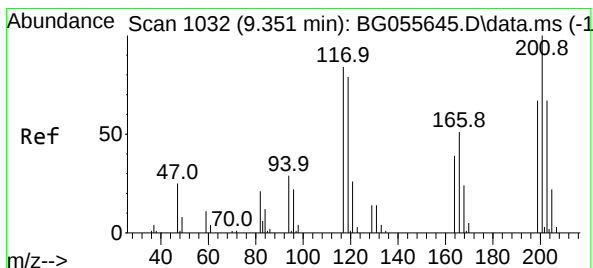
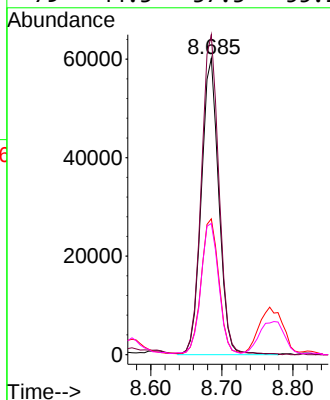
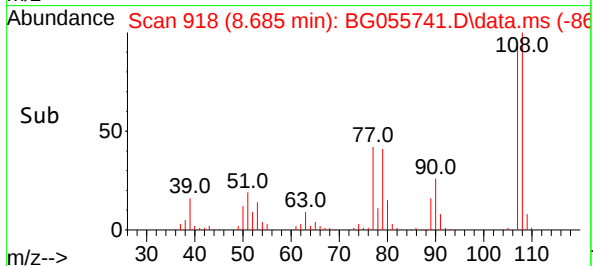


Tgt Ion:107 Resp: 102227  
Ion Ratio Lower Upper  
107 100  
108 108.0 87.3 130.9  
77 45.8 39.4 59.0  
79 44.3 37.3 55.9

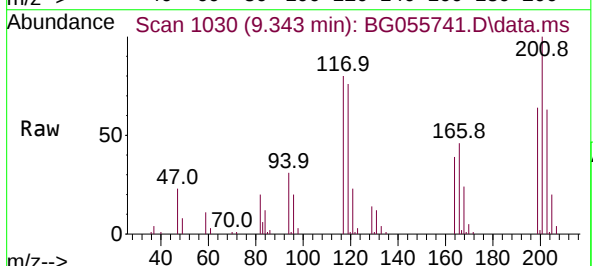
Manual Integrations

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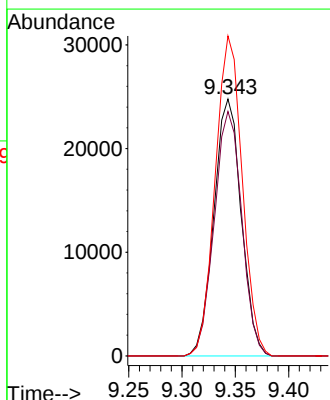
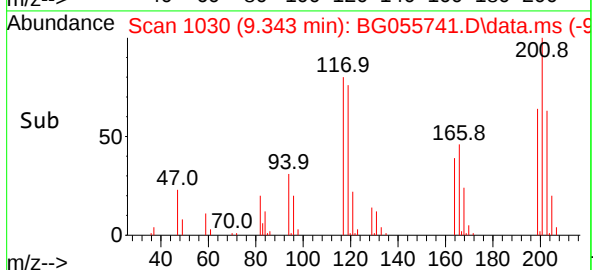
Reviewed By :Christian Giraldo 11/23/2022  
Supervised By :Jagrut Upadhyay 11/23/2022

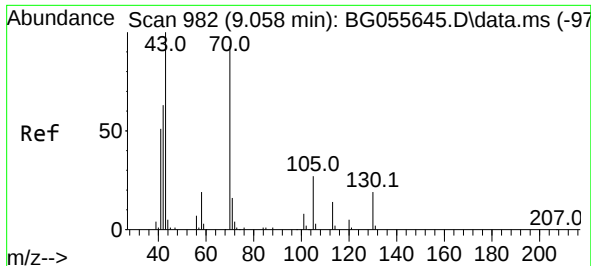


#18  
Hexachloroethane  
Concen: 40.227 ng  
RT: 9.343 min Scan# 1030  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44



Tgt Ion:117 Resp: 44324  
Ion Ratio Lower Upper  
117 100  
119 95.2 76.0 114.0  
201 124.6 98.6 148.0





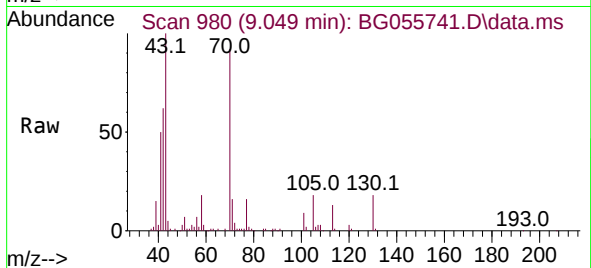
#19  
n-Nitroso-di-n-propylamine  
Concen: 40.761 ng  
RT: 9.049 min Scan# 982  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

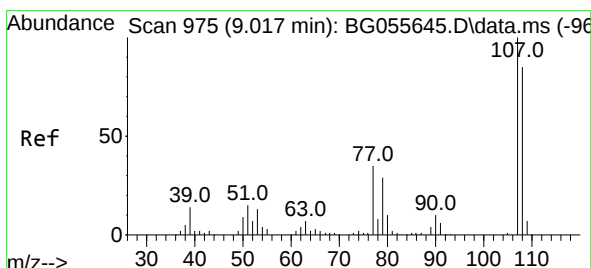
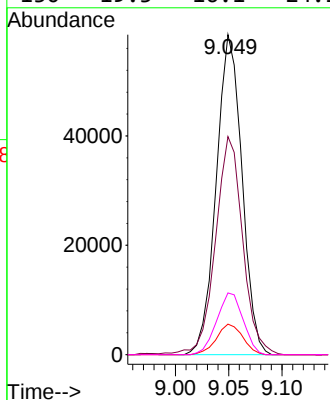
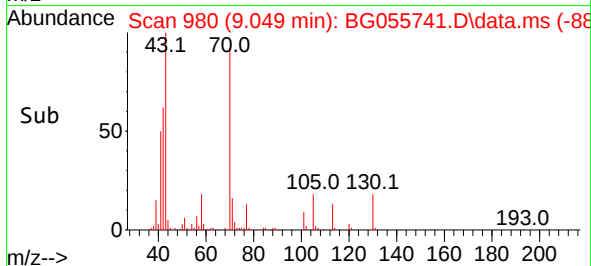


Tgt Ion: 70 Resp: 9826  
Ion Ratio Lower Upper  
70 100  
42 68.1 55.2 82.8  
101 9.6 7.1 10.7  
130 19.3 16.1 24.1

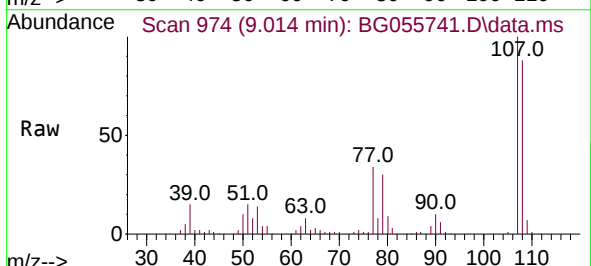
Manual Integrations

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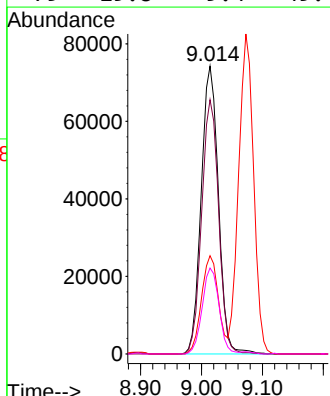
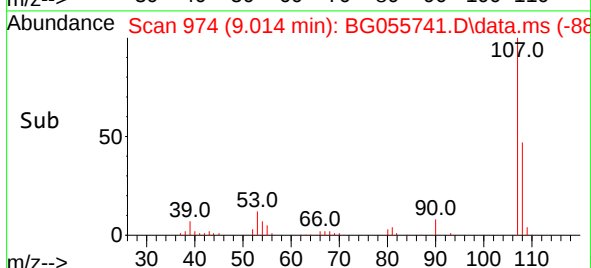
Reviewed By :Christian Giraldo 11/23/2022  
Supervised By :Jagrut Upadhyay 11/23/2022

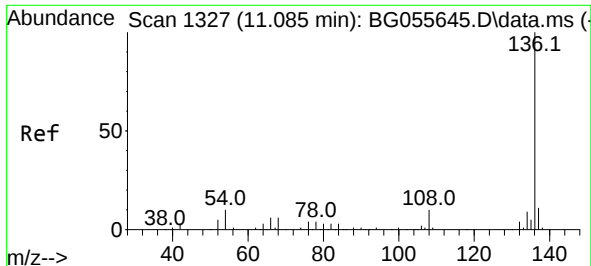


#20  
3+4-Methylphenols  
Concen: 41.709 ng  
RT: 9.014 min Scan# 974  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44



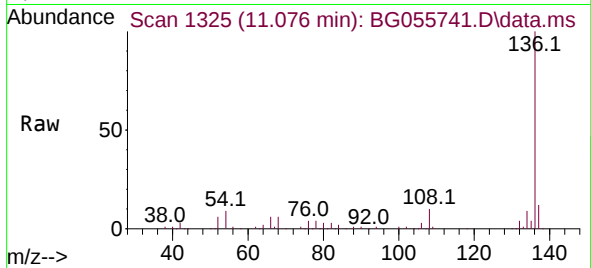
Tgt Ion:107 Resp: 145326  
Ion Ratio Lower Upper  
107 100  
108 88.3 65.5 105.5  
77 34.1 14.6 54.6  
79 29.8 9.4 49.4





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.076 min Scan# 1327  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

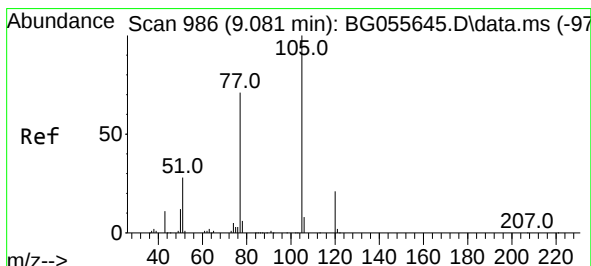
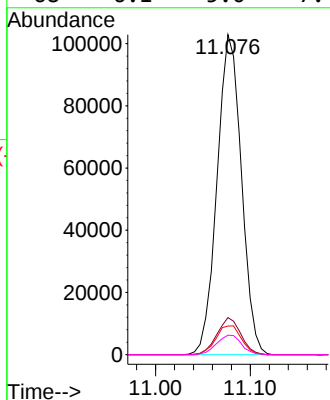
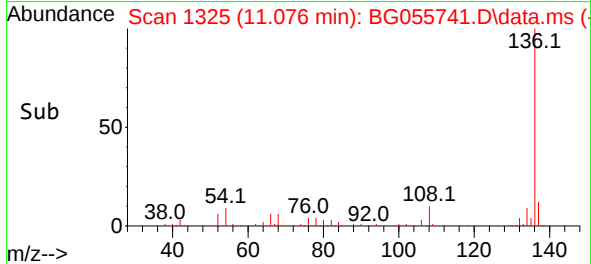
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:136 Resp: 183421  
Ion Ratio Lower Upper  
136 100  
137 11.6 9.0 13.6  
54 8.9 7.8 11.6  
68 6.1 5.0 7.4

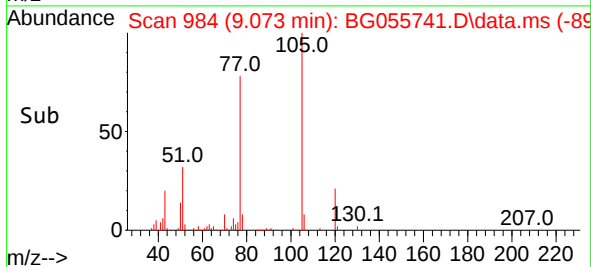
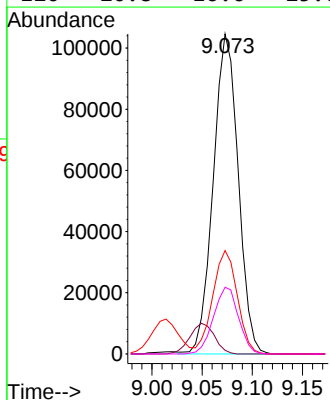
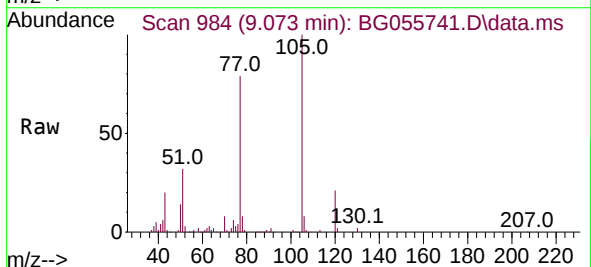
Manual Integrations  
APPROVED

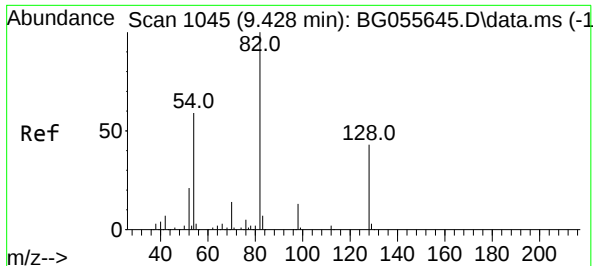
Reviewed By :Christian Giraldo 11/23/2022  
Supervised By :Jagrut Upadhyay 11/23/2022



#22  
Acetophenone  
Concen: 37.985 ng  
RT: 9.073 min Scan# 984  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

Tgt Ion:105 Resp: 181044  
Ion Ratio Lower Upper  
105 100  
71 1.2 0.6 1.0#  
51 32.3 24.5 36.7  
120 20.8 16.6 25.0





#23

Nitrobenzene-d5

Concen: 77.910 ng

RT: 9.419 min Scan# 1043

Delta R.T. 0.004 min

Lab File: BG055741.D

Acq: 22 Nov 2022 15:44

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 270369

Ion Ratio Lower Upper

82 100

128 42.1 34.1 51.1

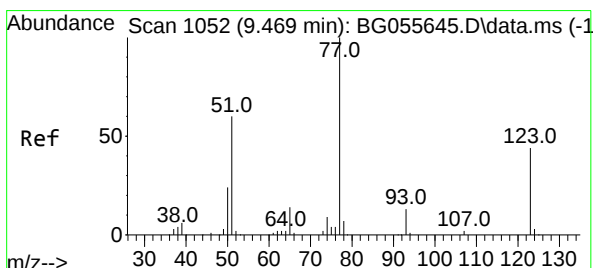
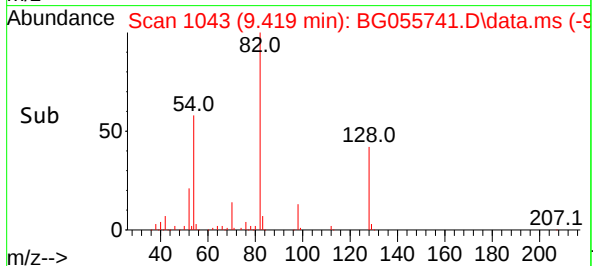
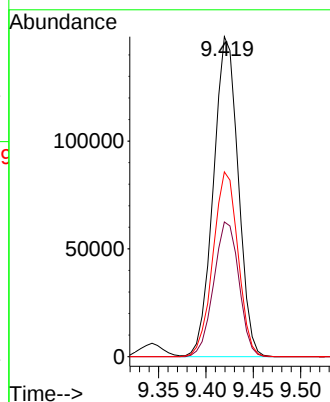
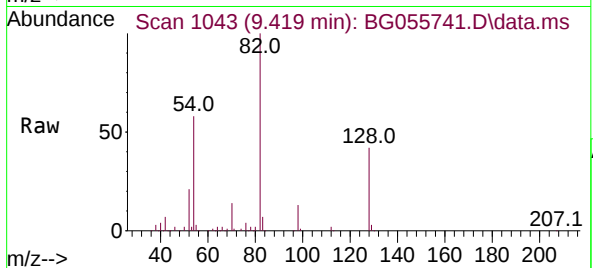
54 57.7 47.3 70.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/23/2022

Supervised By :Jagrut Upadhyay 11/23/2022



#24

Nitrobenzene

Concen: 38.535 ng

RT: 9.466 min Scan# 1051

Delta R.T. 0.004 min

Lab File: BG055741.D

Acq: 22 Nov 2022 15:44

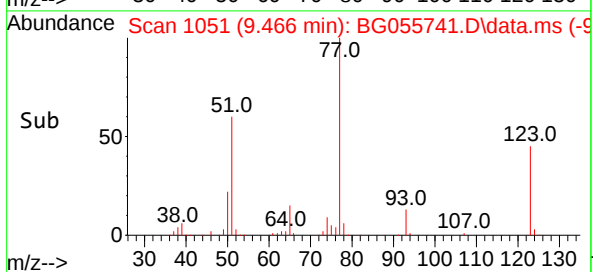
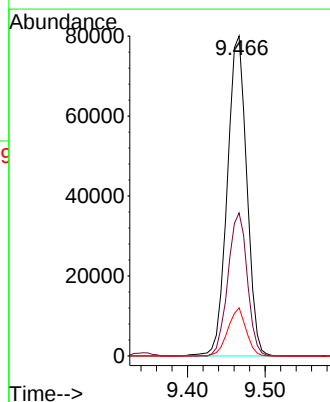
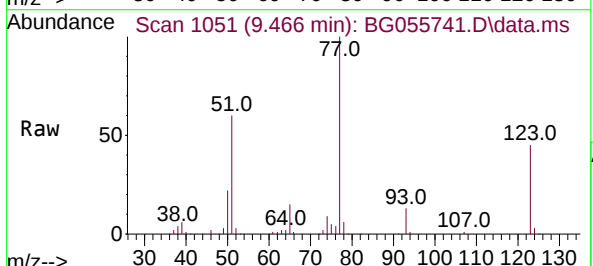
Tgt Ion: 77 Resp: 139680

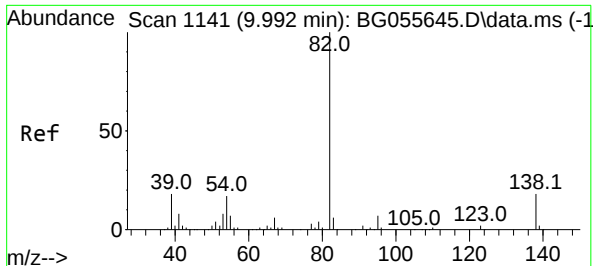
Ion Ratio Lower Upper

77 100

123 44.7 35.5 53.3

65 15.0 11.5 17.3





#25  
Isophorone  
Concen: 39.791 ng  
RT: 9.983 min Scan# 1139  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

Instrument :

BNA\_G

ClientSampleId :

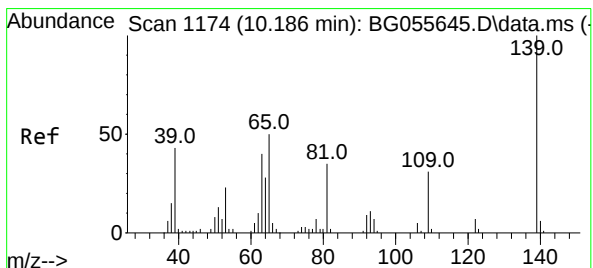
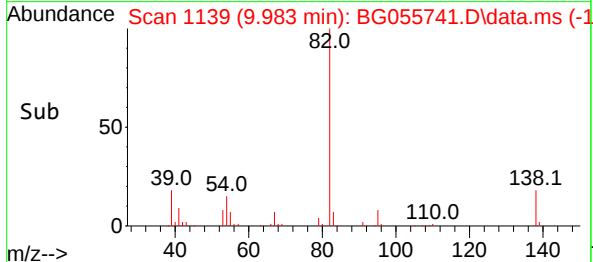
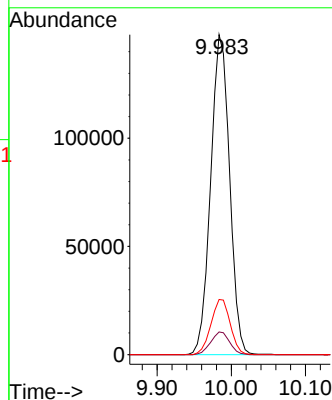
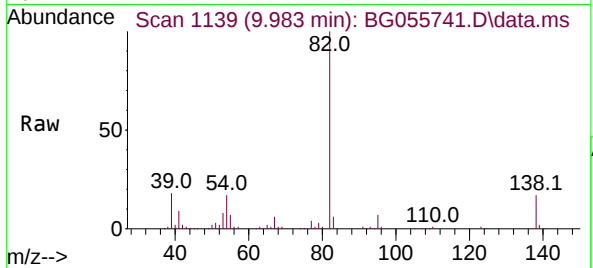
SSTDCCC040

Tgt Ion: 82 Resp: 261635  
Ion Ratio Lower Upper  
82 100  
95 7.1 5.5 8.3  
138 17.2 14.2 21.4

Manual Integrations

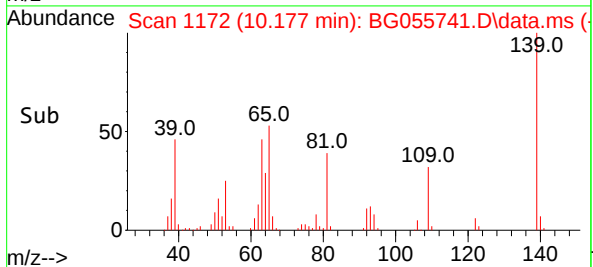
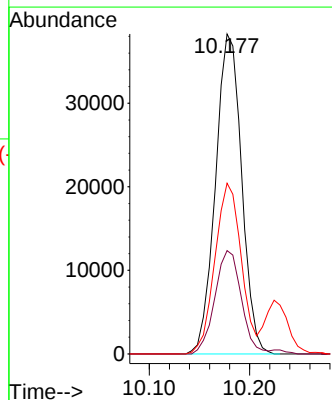
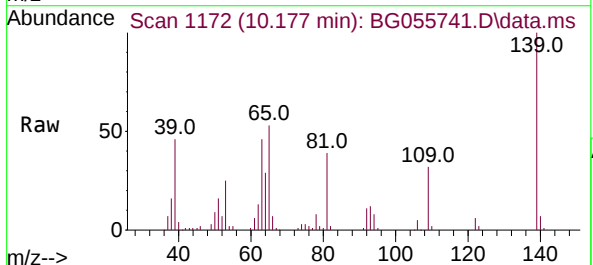
APPROVED

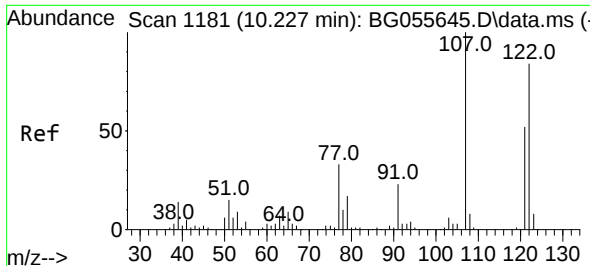
Reviewed By :Christian Giraldo 11/23/2022  
Supervised By :Jagrut Upadhyay 11/23/2022



#26  
2-Nitrophenol  
Concen: 41.414 ng  
RT: 10.177 min Scan# 1172  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

Tgt Ion:139 Resp: 69300  
Ion Ratio Lower Upper  
139 100  
109 32.3 24.4 36.6  
65 53.3 40.2 60.2





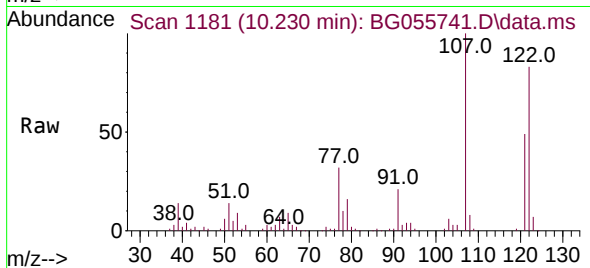
#27  
2,4-Dimethylphenol  
Concen: 39.837 ng m  
RT: 10.230 min Scan# 1181  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

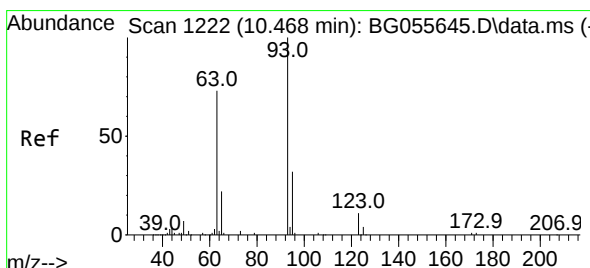
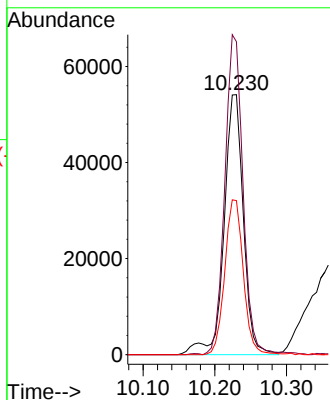
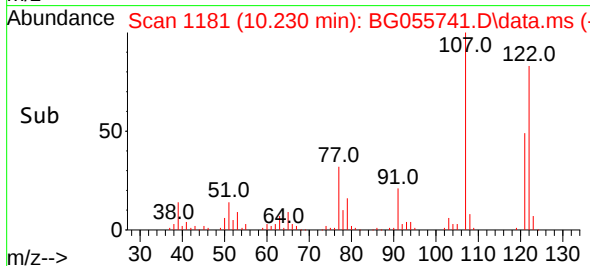


Tgt Ion:122 Resp: 101454  
Ion Ratio Lower Upper  
122 100  
107 120.4 95.8 143.6  
121 59.3 49.6 74.4

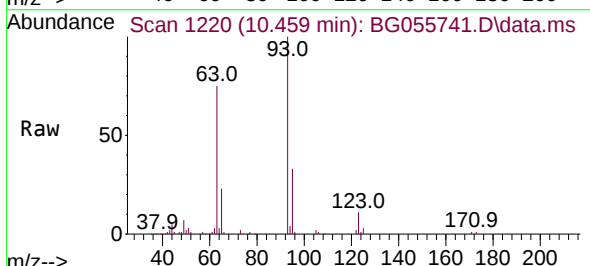
Manual Integrations

APPROVED

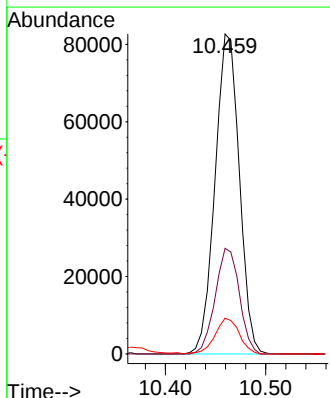
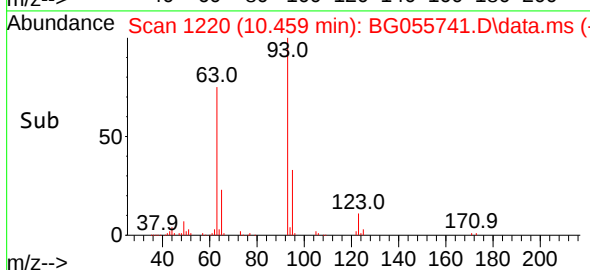
Reviewed By :Christian Giraldo 11/23/2022  
Supervised By :Jagrut Upadhyay 11/23/2022

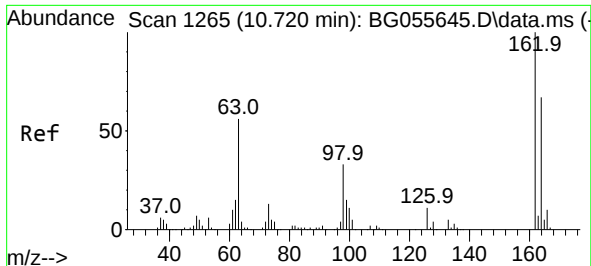


#28  
bis(2-Chloroethoxy)methane  
Concen: 39.383 ng  
RT: 10.459 min Scan# 1220  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44



Tgt Ion: 93 Resp: 139019  
Ion Ratio Lower Upper  
93 100  
95 33.0 25.7 38.5  
123 11.2 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 39.672 ng

RT: 10.718 min Scan# 1264

Delta R.T. 0.004 min

Lab File: BG055741.D

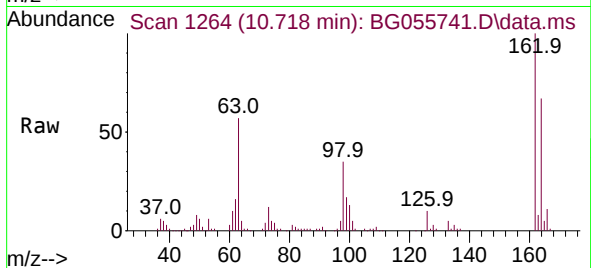
Acq: 22 Nov 2022 15:44

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040



Tgt Ion:162 Resp: 120930

Ion Ratio Lower Upper

162 100

164 67.0 46.7 86.7

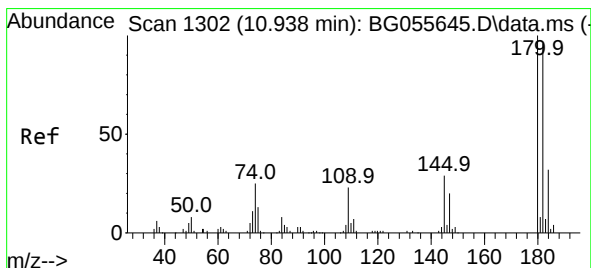
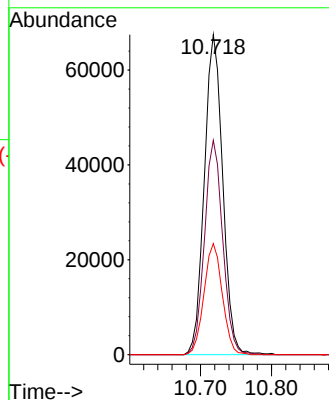
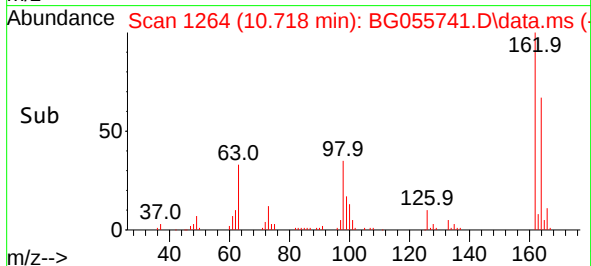
98 34.7 12.8 52.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/23/2022

Supervised By :Jagrut Upadhyay 11/23/2022



#30

1,2,4-Trichlorobenzene

Concen: 37.542 ng

RT: 10.935 min Scan# 1301

Delta R.T. 0.004 min

Lab File: BG055741.D

Acq: 22 Nov 2022 15:44

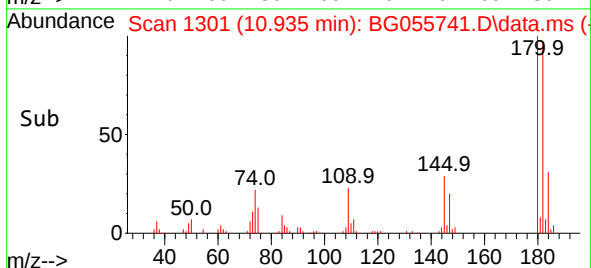
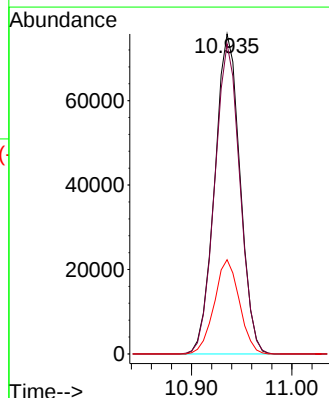
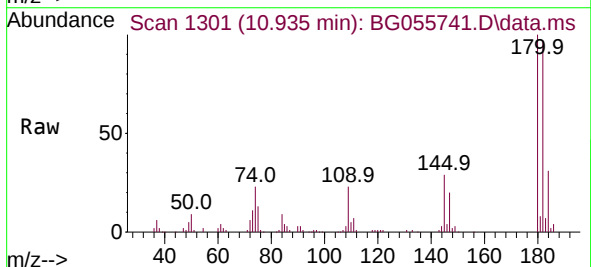
Tgt Ion:180 Resp: 132950

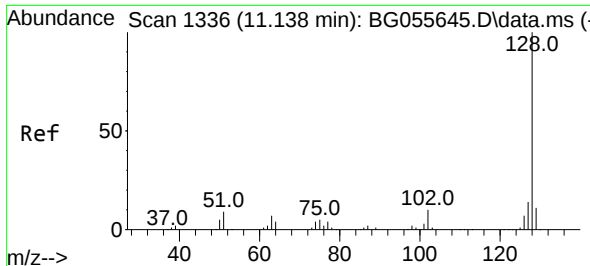
Ion Ratio Lower Upper

180 100

182 96.9 77.1 115.7

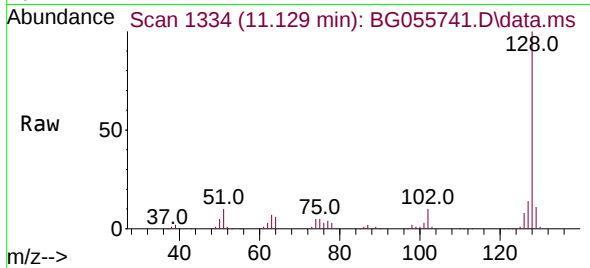
145 29.4 22.9 34.3





#31  
Naphthalene  
Concen: 38.136 ng  
RT: 11.129 min Scan# 1336  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

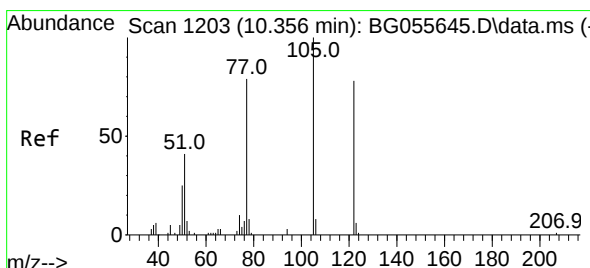
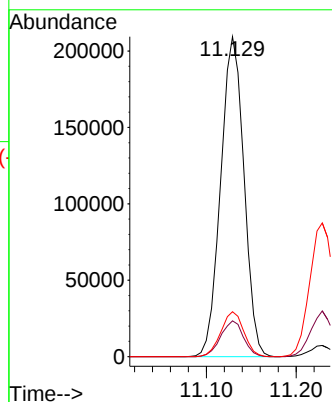
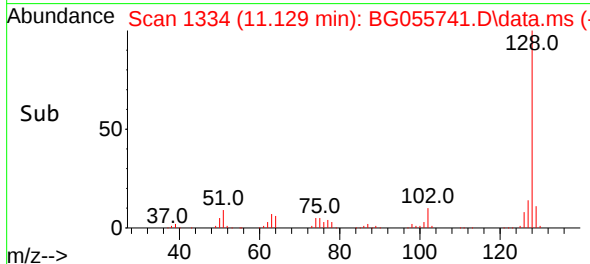
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:128 Resp: 378136  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.7 13.1  
127 14.0 10.9 16.3

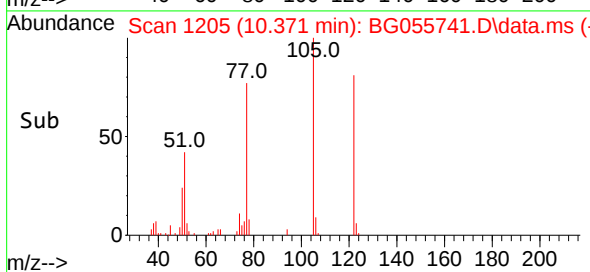
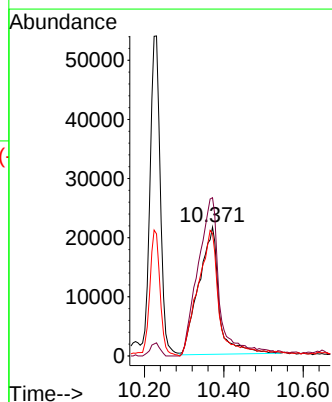
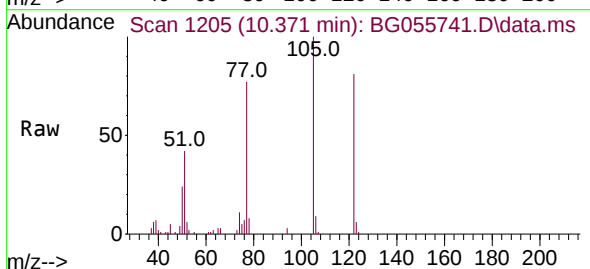
Manual Integrations  
APPROVED

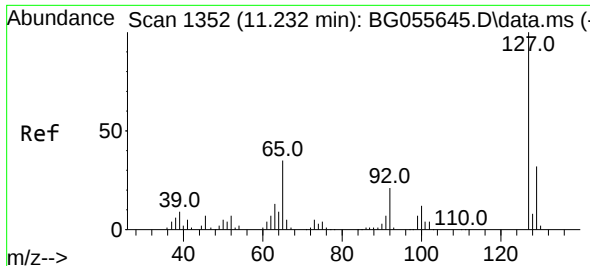
Reviewed By :Christian Giraldo 11/23/2022  
Supervised By :Jagrut Upadhyay 11/23/2022



#32  
Benzoic acid  
Concen: 36.658 ng  
RT: 10.371 min Scan# 1205  
Delta R.T. 0.010 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

Tgt Ion:122 Resp: 76808  
Ion Ratio Lower Upper  
122 100  
105 122.9 104.3 144.3  
77 95.2 79.9 119.9





#33  
4-Chloroaniline  
Concen: 39.564 ng  
RT: 11.229 min Scan# 1351  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

Instrument :

BNA\_G

ClientSampleId :

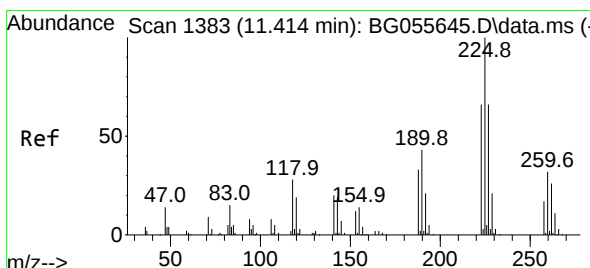
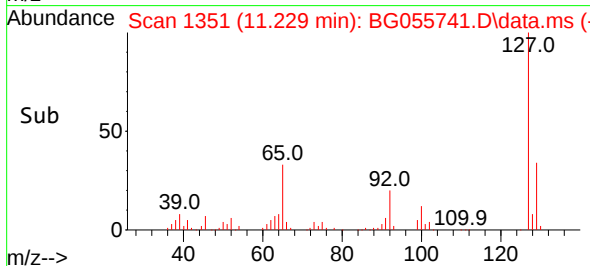
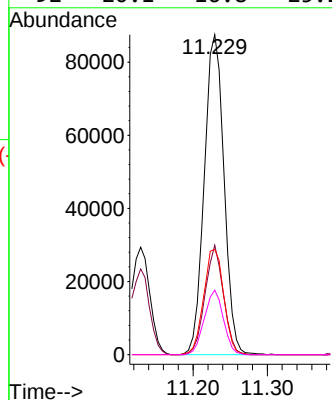
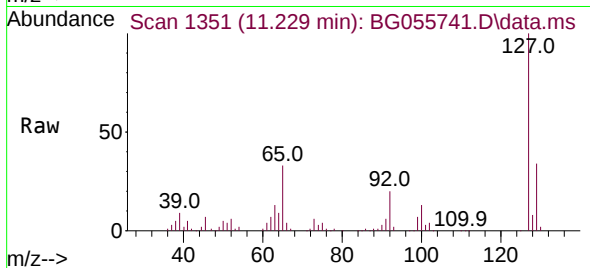
SSTDCCC040

Tgt Ion:127 Resp: 16182  
Ion Ratio Lower Upper  
127 100  
129 34.2 25.9 38.9  
65 32.9 27.9 41.9  
92 20.1 16.8 25.2

Manual Integrations

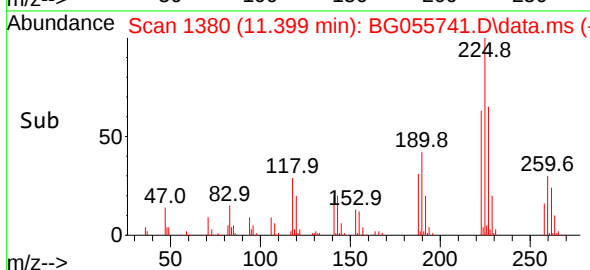
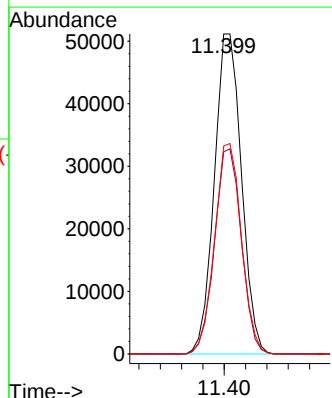
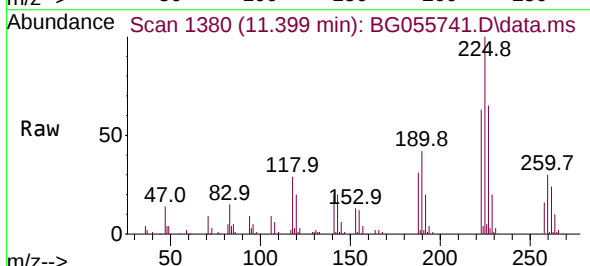
APPROVED

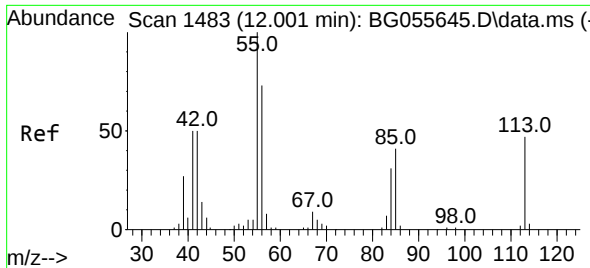
Reviewed By :Christian Giraldo 11/23/2022  
Supervised By :Jagrut Upadhyay 11/23/2022



#34  
Hexachlorobutadiene  
Concen: 37.369 ng  
RT: 11.399 min Scan# 1380  
Delta R.T. -0.002 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

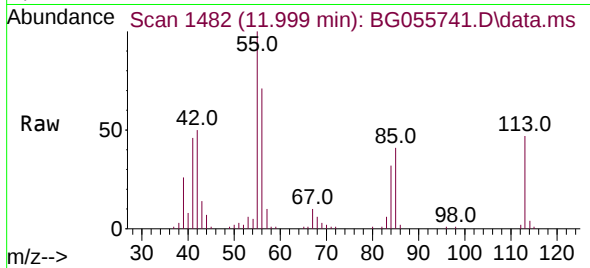
Tgt Ion:225 Resp: 90365  
Ion Ratio Lower Upper  
225 100  
223 63.2 52.9 79.3  
227 67.6 52.6 79.0





#35  
Caprolactam  
Concen: 38.386 ng  
RT: 11.999 min Scan# 1482  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

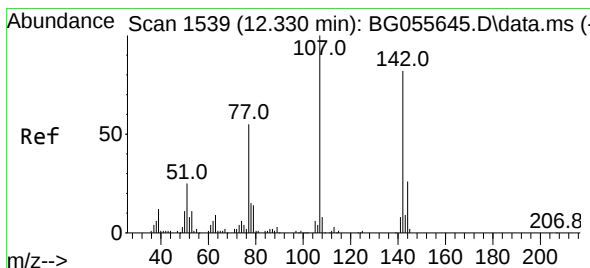
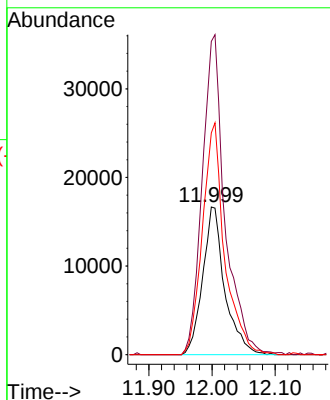
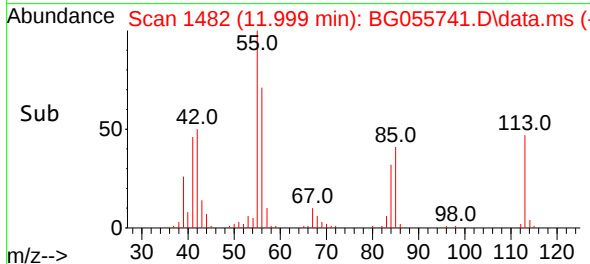
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



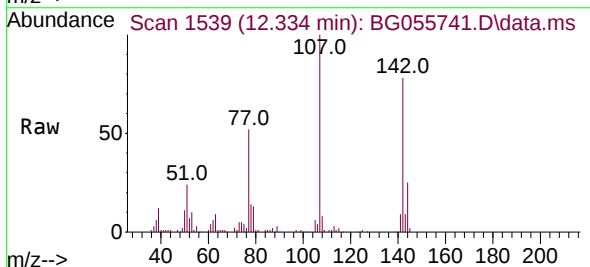
Tgt Ion:113 Resp: 40491  
Ion Ratio Lower Upper  
113 100  
55 212.1 193.5 233.5  
56 150.1 135.2 175.2

Manual Integrations  
APPROVED

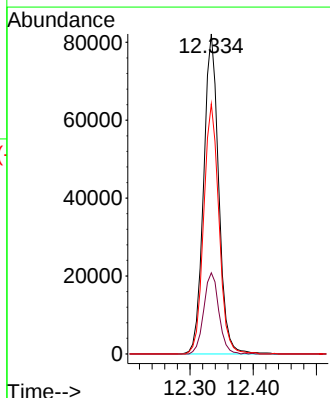
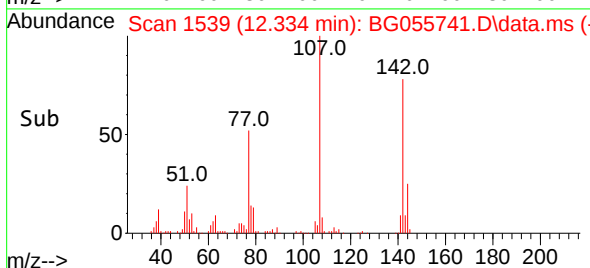
Reviewed By :Christian Giraldo 11/23/2022  
Supervised By :Jagrut Upadhyay 11/23/2022

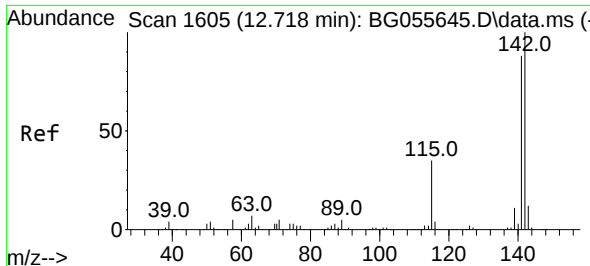


#36  
4-Chloro-3-methylphenol  
Concen: 40.515 ng  
RT: 12.334 min Scan# 1539  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44



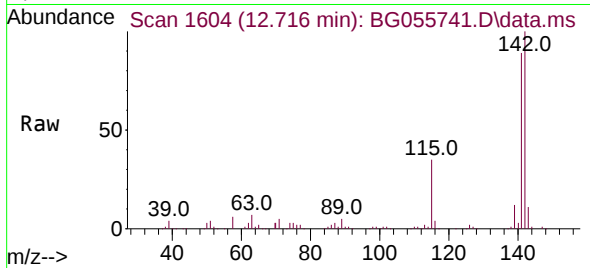
Tgt Ion:107 Resp: 135736  
Ion Ratio Lower Upper  
107 100  
144 25.3 21.0 31.4  
142 78.1 65.9 98.9





#37  
2-Methylnaphthalene  
Concen: 39.050 ng  
RT: 12.716 min Scan# 1604  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

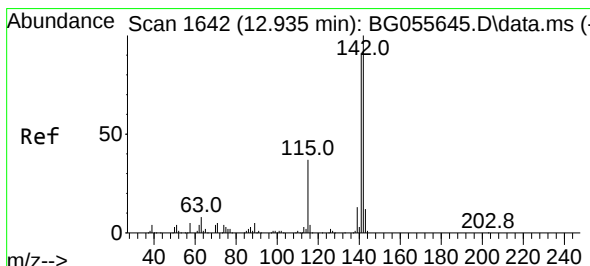
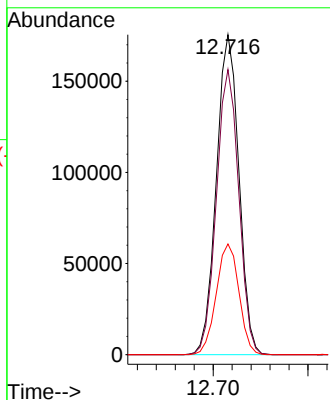
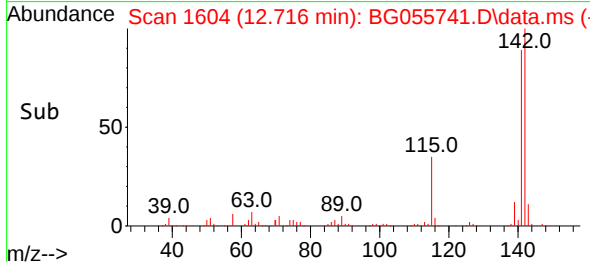
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



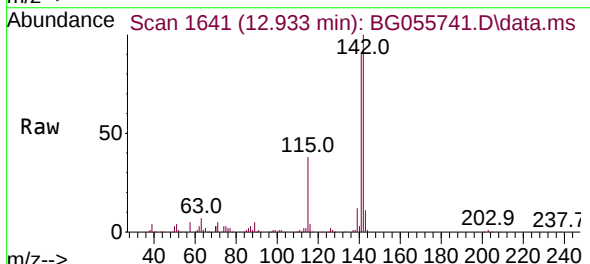
Tgt Ion:142 Resp: 28991  
Ion Ratio Lower Upper  
142 100  
141 89.1 70.3 105.5  
115 34.6 27.9 41.9

Manual Integrations  
APPROVED

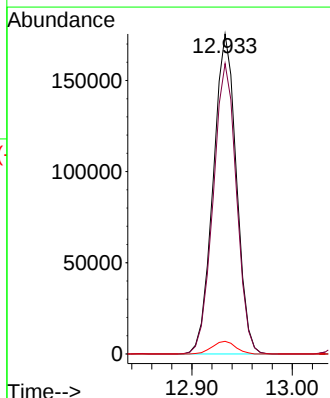
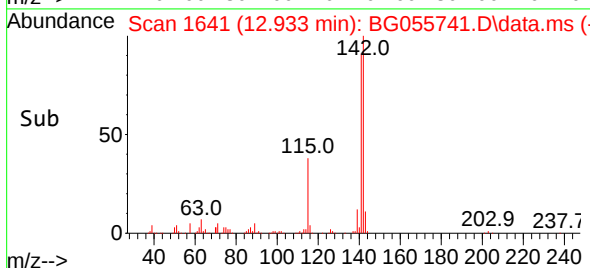
Reviewed By :Christian Giraldo 11/23/2022  
Supervised By :Jagrut Upadhyay 11/23/2022

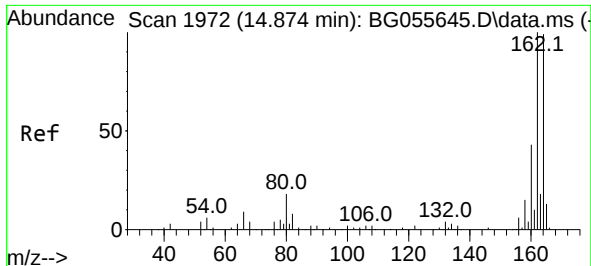


#38  
1-Methylnaphthalene  
Concen: 39.096 ng  
RT: 12.933 min Scan# 1641  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44



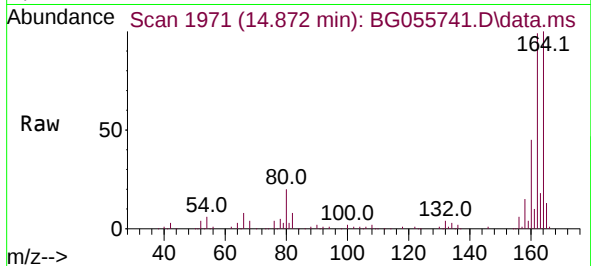
Tgt Ion:142 Resp: 281778  
Ion Ratio Lower Upper  
142 100  
141 90.7 73.0 109.4  
116 3.9 3.1 4.7





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.872 min Scan# 1972  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

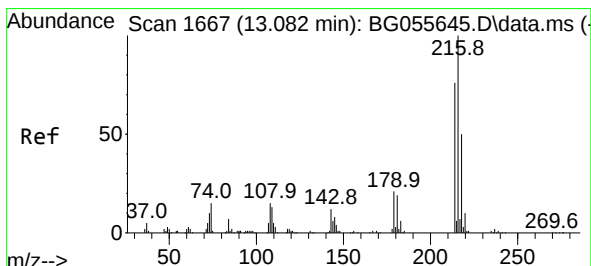
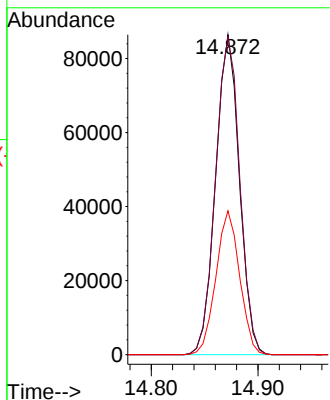
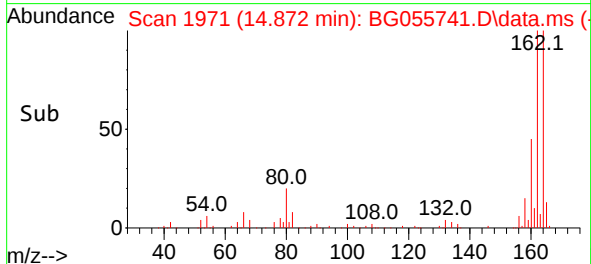
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



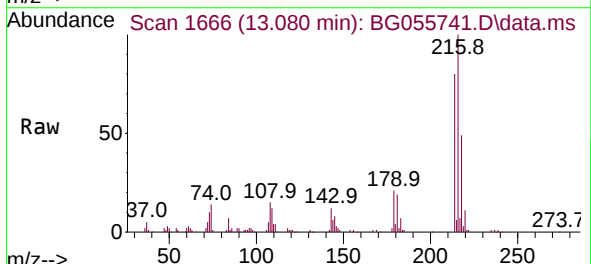
Tgt Ion:164 Resp: 134085  
Ion Ratio Lower Upper  
164 100  
162 99.2 81.1 121.7  
160 44.9 34.8 52.2

Manual Integrations  
APPROVED

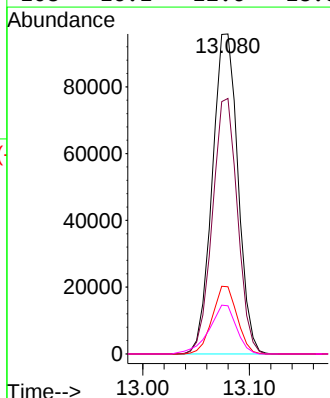
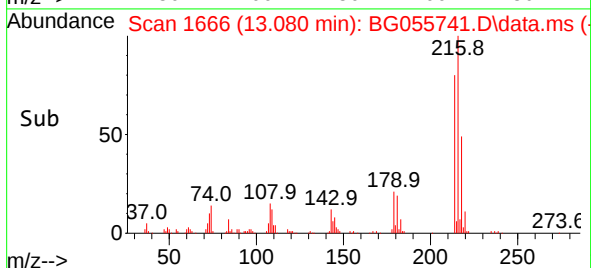
Reviewed By :Christian Giraldo 11/23/2022  
Supervised By :Jagrut Upadhyay 11/23/2022



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 38.159 ng  
RT: 13.080 min Scan# 1666  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44



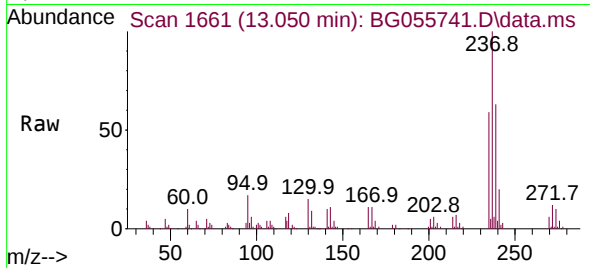
Tgt Ion:216 Resp: 160788  
Ion Ratio Lower Upper  
216 100  
214 77.7 62.1 93.1  
179 20.4 16.5 24.7  
108 16.1 12.6 18.8





#41  
Hexachlorocyclopentadiene  
Concen: 43.976 ng  
RT: 13.050 min Scan# 1661  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

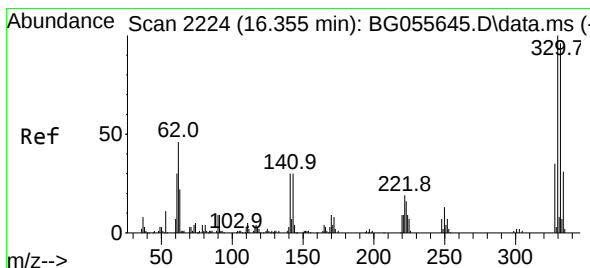
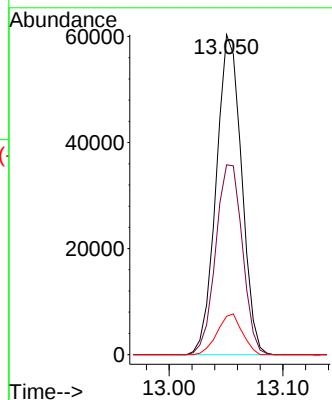
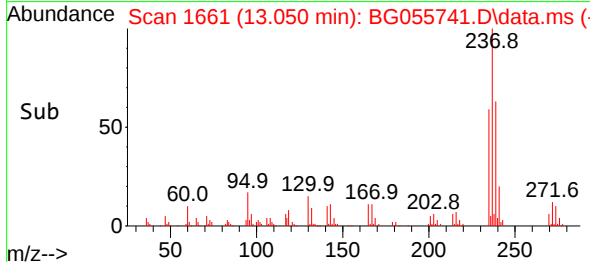
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



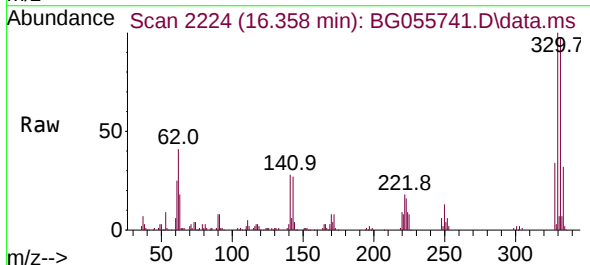
Tgt Ion:237 Resp: 93392  
Ion Ratio Lower Upper  
237 100  
235 59.3 43.7 83.7  
272 12.0 0.0 33.6

Manual Integrations  
APPROVED

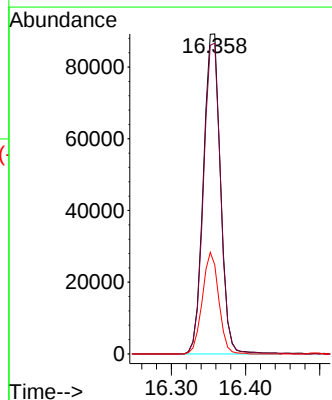
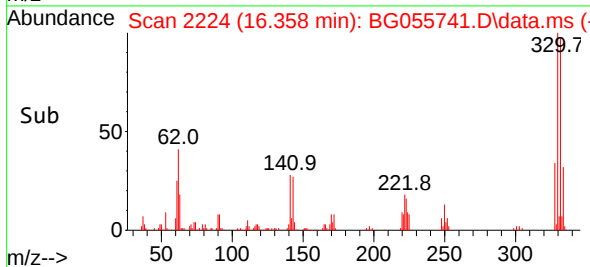
Reviewed By :Christian Giraldo 11/23/2022  
Supervised By :Jagrut Upadhyay 11/23/2022

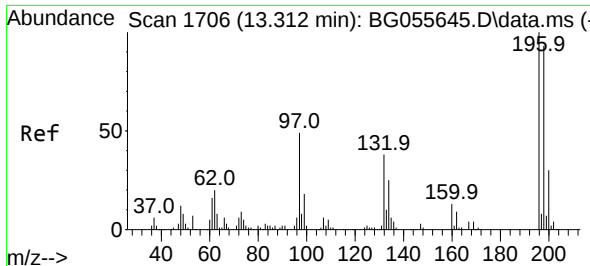


#42  
2,4,6-Tribromophenol  
Concen: 75.494 ng  
RT: 16.358 min Scan# 2224  
Delta R.T. 0.010 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44



Tgt Ion:330 Resp: 142540  
Ion Ratio Lower Upper  
330 100  
332 96.9 77.8 116.8  
141 30.4 23.9 35.9





#43  
2,4,6-Trichlorophenol  
Concen: 39.547 ng  
RT: 13.309 min Scan# 1705  
Delta R.T. -0.002 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

Instrument :

BNA\_G

ClientSampleId :

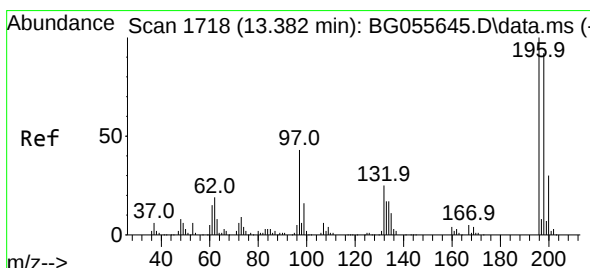
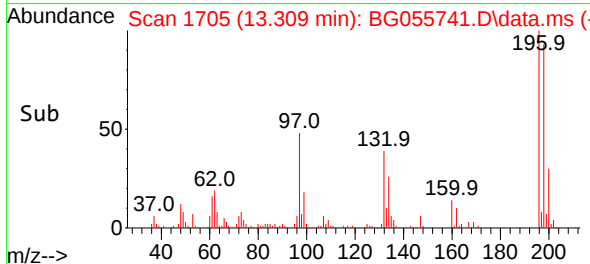
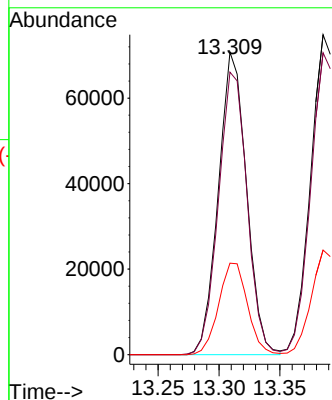
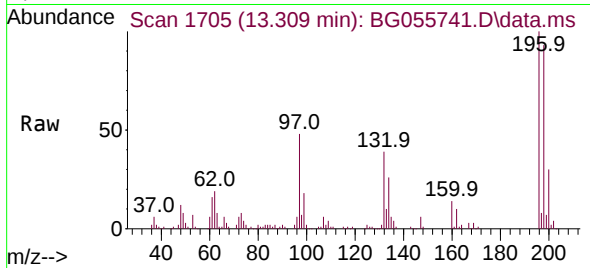
SSTDCCC040

Tgt Ion:196 Resp: 113672  
Ion Ratio Lower Upper  
196 100  
198 93.4 74.6 112.0  
200 30.2 23.7 35.5

Manual Integrations

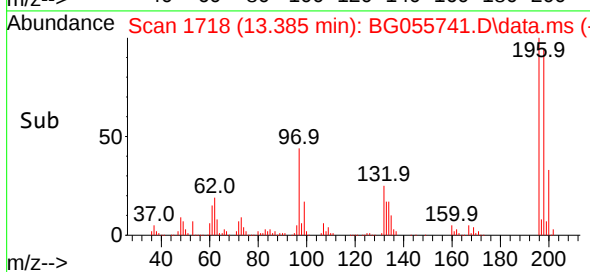
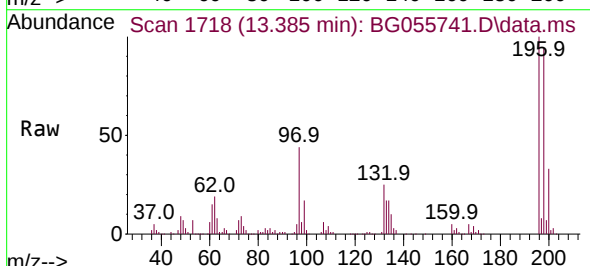
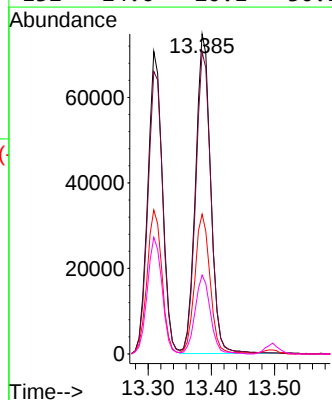
APPROVED

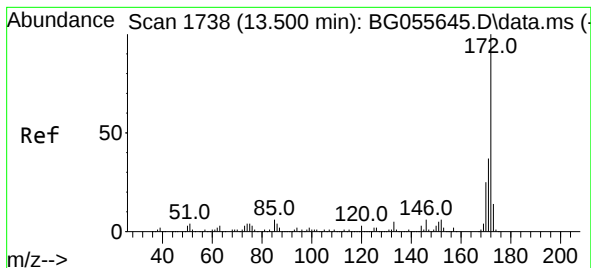
Reviewed By :Christian Giraldo 11/23/2022  
Supervised By :Jagrut Upadhyay 11/23/2022



#44  
2,4,5-Trichlorophenol  
Concen: 39.294 ng  
RT: 13.385 min Scan# 1718  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

Tgt Ion:196 Resp: 124116  
Ion Ratio Lower Upper  
196 100  
198 94.3 74.1 111.1  
97 43.7 34.8 52.2  
132 24.6 20.1 30.1





#45  
2-Fluorobiphenyl  
Concen: 75.475 ng  
RT: 13.497 min Scan# 1738  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

Instrument :

BNA\_G

ClientSampleId :

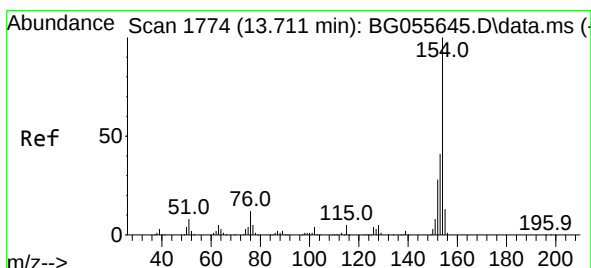
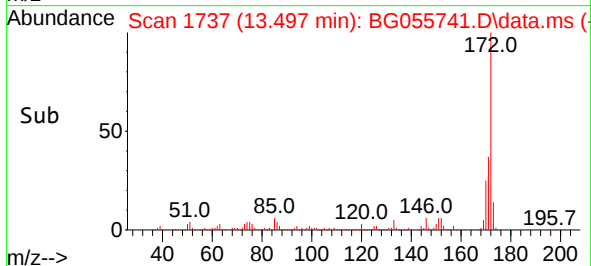
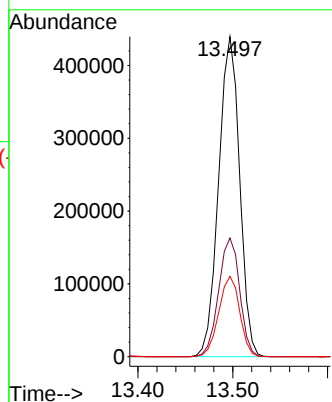
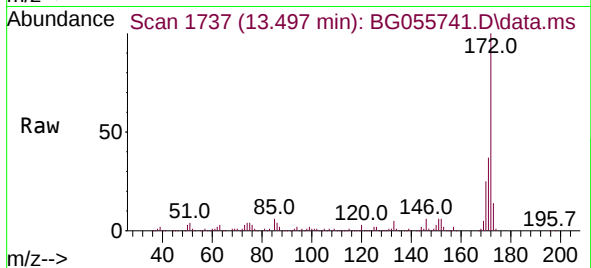
SSTDCCC040

Tgt Ion:172 Resp: 67551  
Ion Ratio Lower Upper  
172 100  
171 37.1 29.8 44.6  
170 25.1 20.2 30.4

Manual Integrations

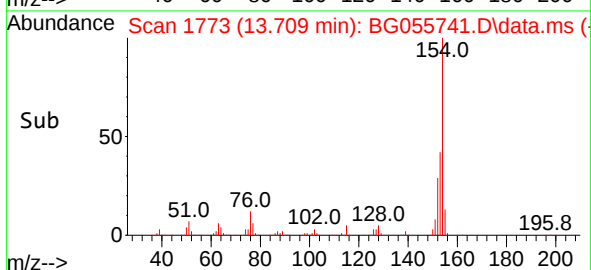
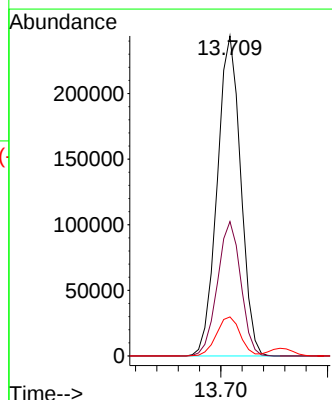
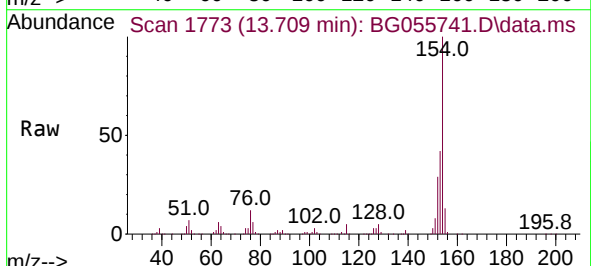
APPROVED

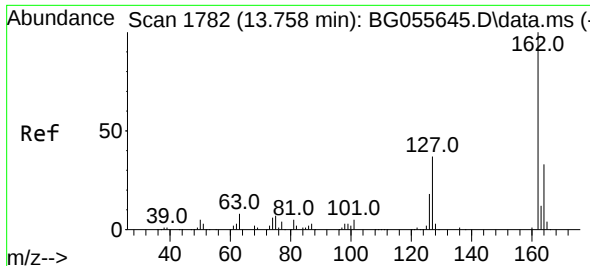
Reviewed By :Christian Giraldo 11/23/2022  
Supervised By :Jagrut Upadhyay 11/23/2022



#46  
1,1'-Biphenyl  
Concen: 38.208 ng  
RT: 13.709 min Scan# 1773  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

Tgt Ion:154 Resp: 373334  
Ion Ratio Lower Upper  
154 100  
153 42.0 20.6 60.6  
76 12.2 0.0 32.4





#47  
2-Chloronaphthalene  
Concen: 38.598 ng  
RT: 13.756 min Scan# 1782  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

Instrument :

BNA\_G

ClientSampleId :

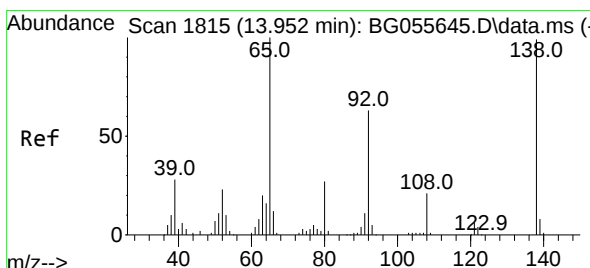
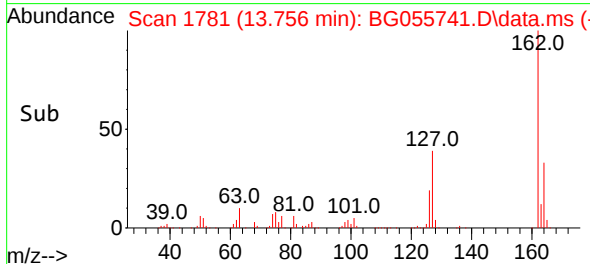
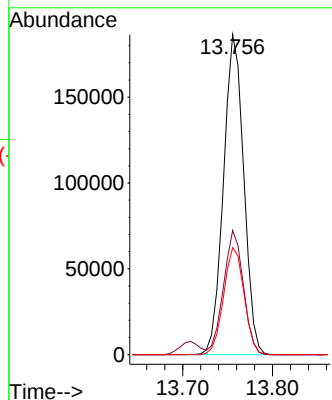
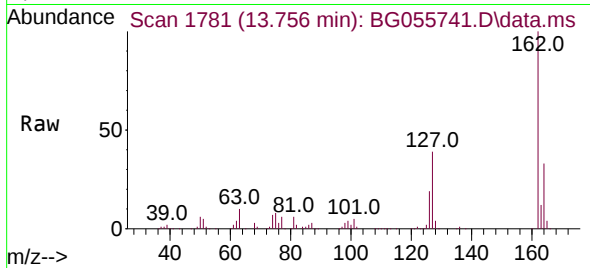
SSTDCCC040

Tgt Ion:162 Resp: 29314  
Ion Ratio Lower Upper  
162 100  
127 38.8 29.9 44.9  
164 33.4 26.4 39.6

Manual Integrations

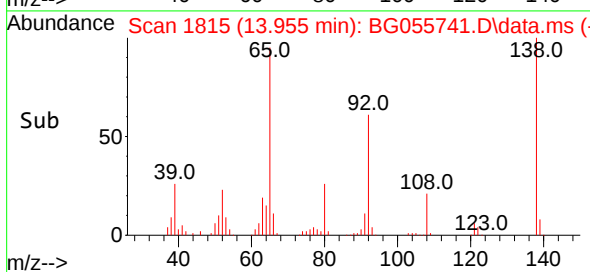
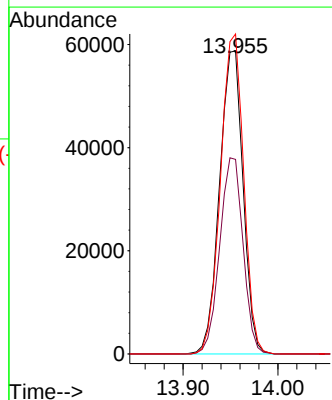
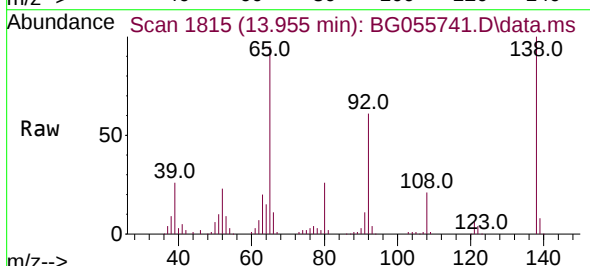
APPROVED

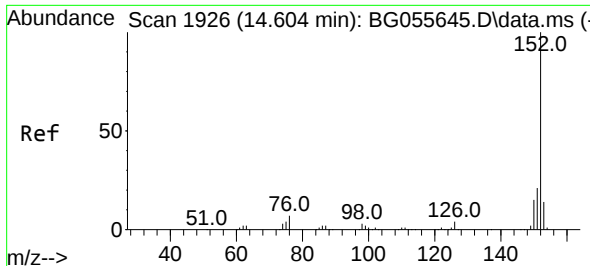
Reviewed By :Christian Giraldo 11/23/2022  
Supervised By :Jagrut Upadhyay 11/23/2022



#48  
2-Nitroaniline  
Concen: 40.457 ng  
RT: 13.955 min Scan# 1815  
Delta R.T. 0.010 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

Tgt Ion: 65 Resp: 101018  
Ion Ratio Lower Upper  
65 100  
92 64.2 50.1 75.1  
138 105.6 79.4 119.0





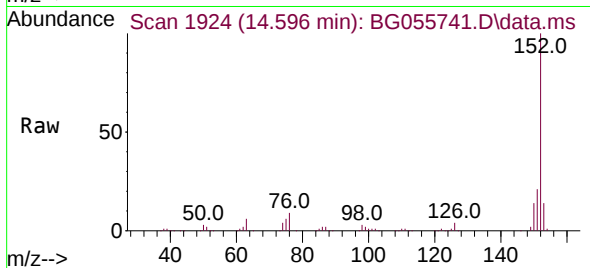
#49  
Acenaphthylene  
Concen: 38.544 ng  
RT: 14.596 min Scan# 1924  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

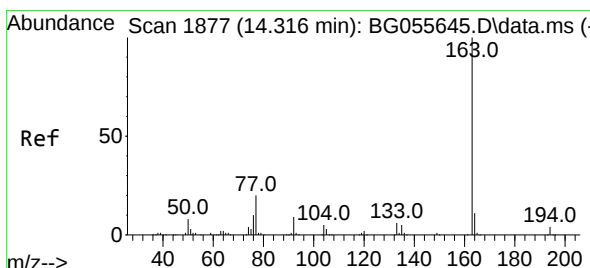
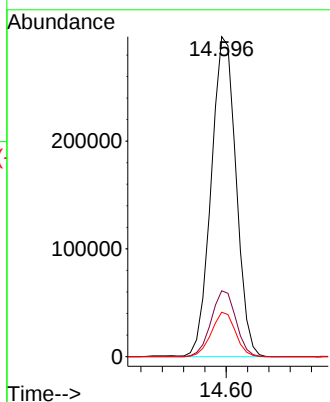
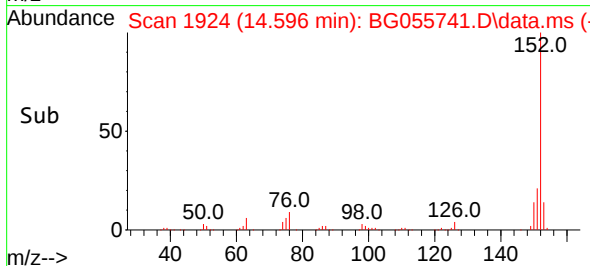


Tgt Ion:152 Resp: 482035  
Ion Ratio Lower Upper  
152 100  
151 20.6 16.4 24.6  
153 13.9 11.0 16.4

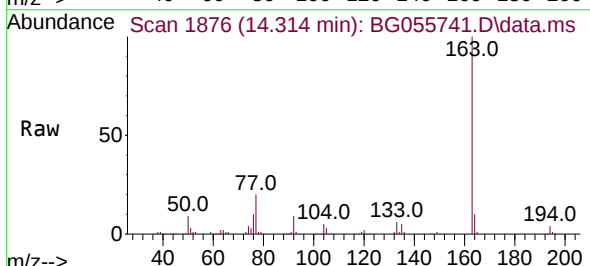
Manual Integrations

APPROVED

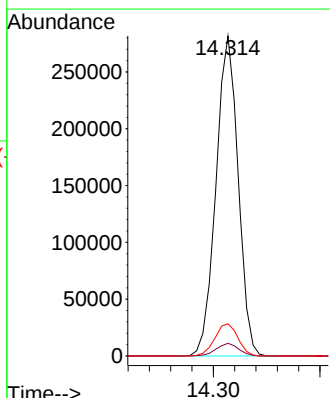
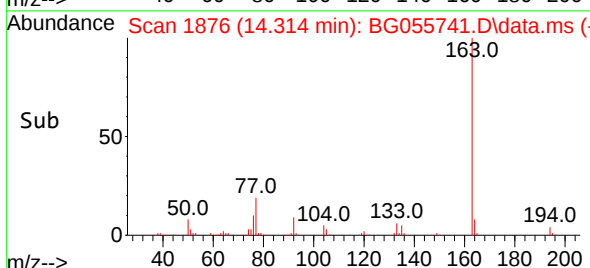
Reviewed By :Christian Giraldo 11/23/2022  
Supervised By :Jagrut Upadhyay 11/23/2022

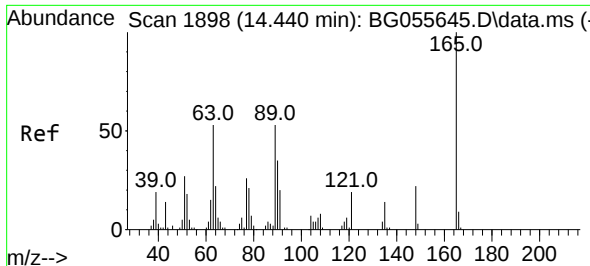


#50  
Dimethylphthalate  
Concen: 38.079 ng  
RT: 14.314 min Scan# 1876  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44



Tgt Ion:163 Resp: 407017  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.0 4.4  
164 10.0 8.6 12.8





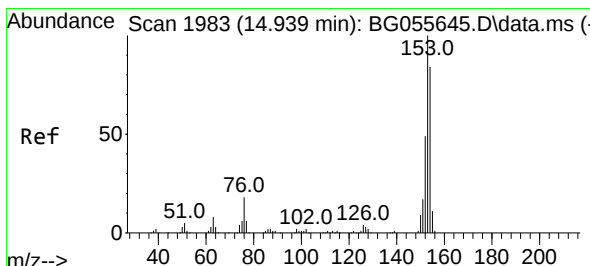
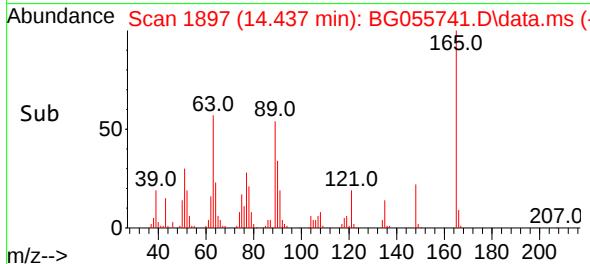
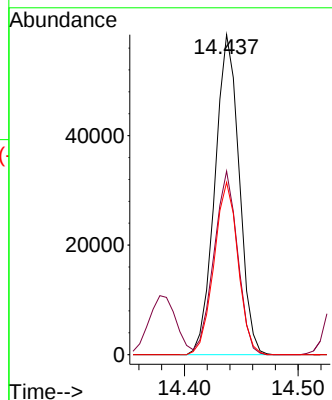
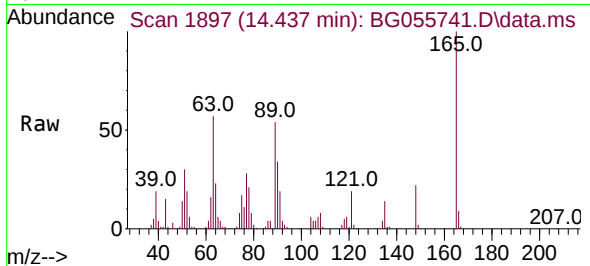
#51  
2,6-Dinitrotoluene  
Concen: 39.659 ng  
RT: 14.437 min Scan# 1898  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:165 Resp: 86676  
Ion Ratio Lower Upper  
165 100  
63 57.3 44.6 66.8  
89 53.8 42.2 63.4

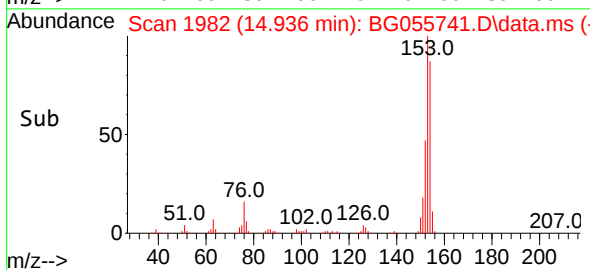
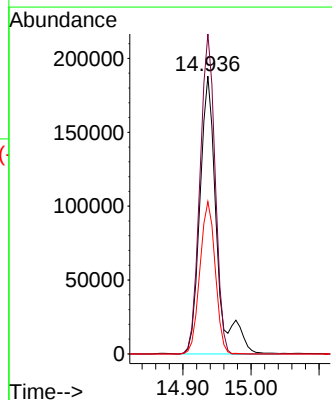
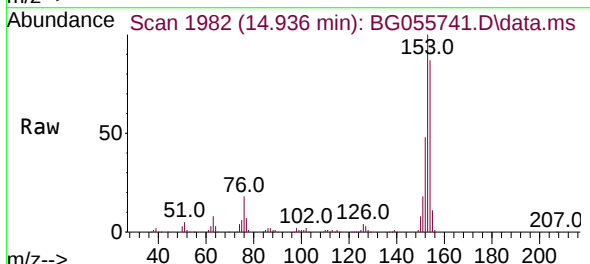
Manual Integrations  
APPROVED

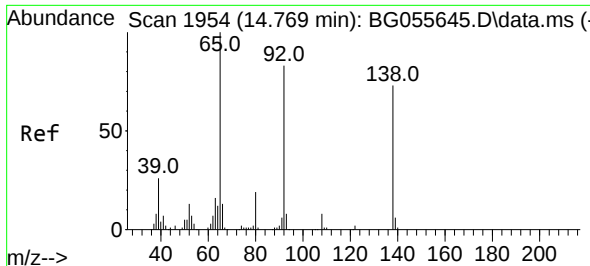
Reviewed By :Christian Giraldo 11/23/2022  
Supervised By :Jagrut Upadhyay 11/23/2022



#52  
Acenaphthene  
Concen: 39.511 ng m  
RT: 14.936 min Scan# 1982  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

Tgt Ion:154 Resp: 322947  
Ion Ratio Lower Upper  
154 100  
153 115.2 95.0 142.4  
152 54.8 46.1 69.1





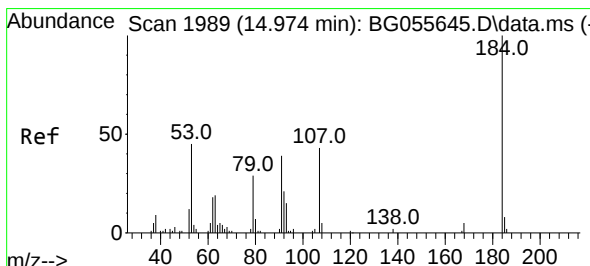
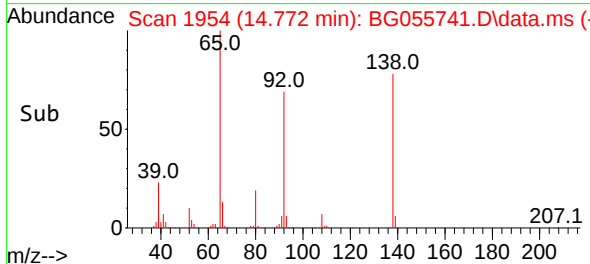
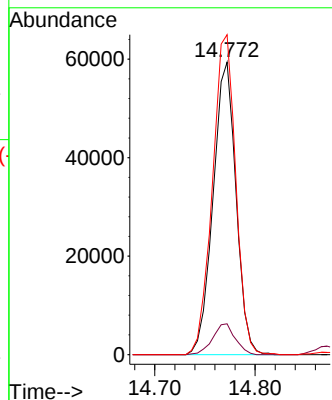
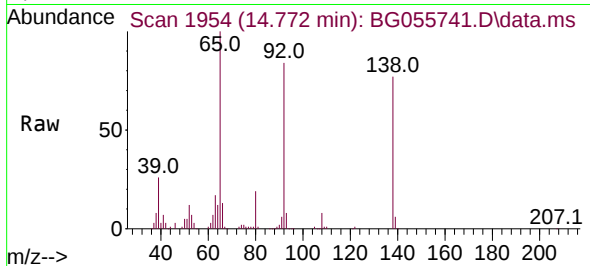
#53  
3-Nitroaniline  
Concen: 39.276 ng  
RT: 14.772 min Scan# 1954  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:138 Resp: 94229  
Ion Ratio Lower Upper  
138 100  
108 10.5 8.5 12.7  
92 109.4 91.0 136.6

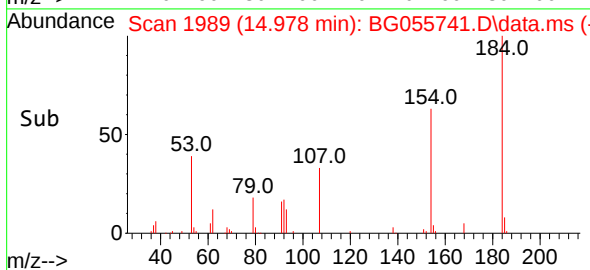
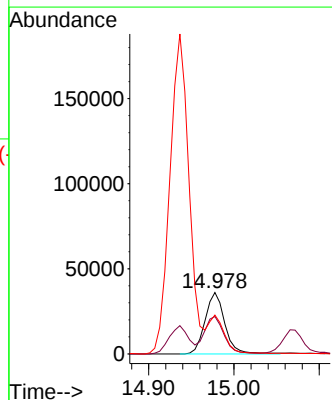
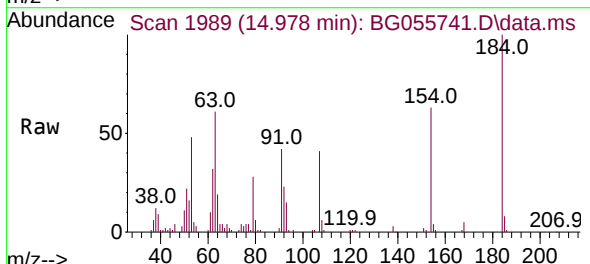
Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 11/23/2022  
Supervised By :Jagrut Upadhyay 11/23/2022



#54  
2,4-Dinitrophenol  
Concen: 46.017 ng  
RT: 14.978 min Scan# 1989  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

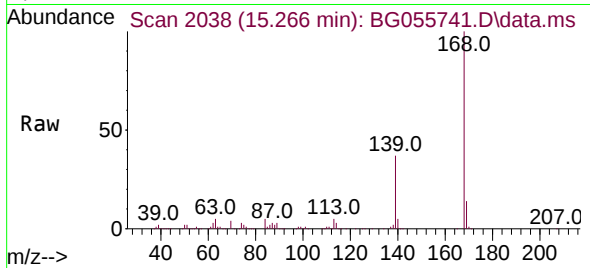
Tgt Ion:184 Resp: 57824  
Ion Ratio Lower Upper  
184 100  
63 61.0 49.5 74.3  
154 63.3 52.0 78.0





#55  
Dibenzofuran  
Concen: 38.121 ng  
RT: 15.266 min Scan# 2040  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

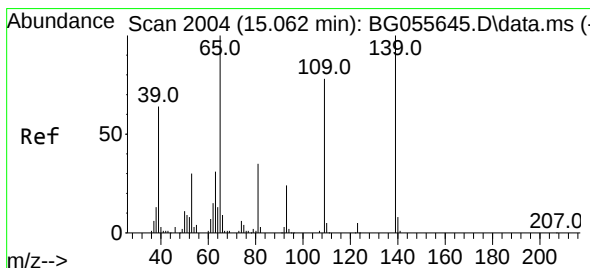
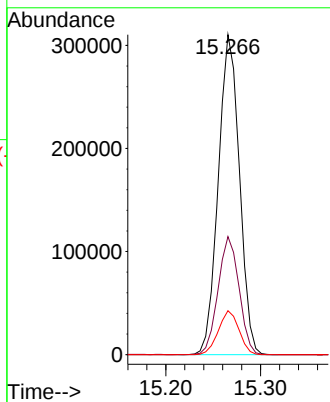
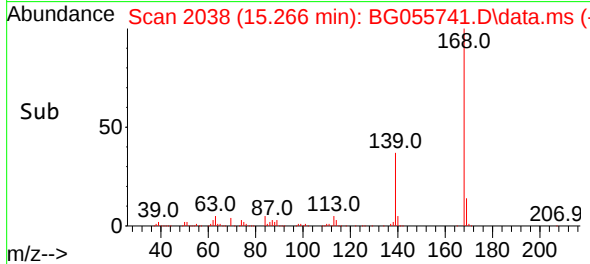
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:168 Resp: 480687  
Ion Ratio Lower Upper  
168 100  
139 36.9 28.8 43.2  
169 13.7 11.0 16.4

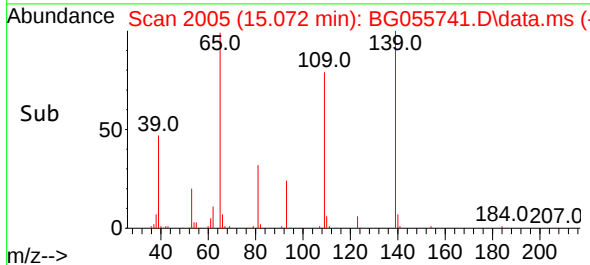
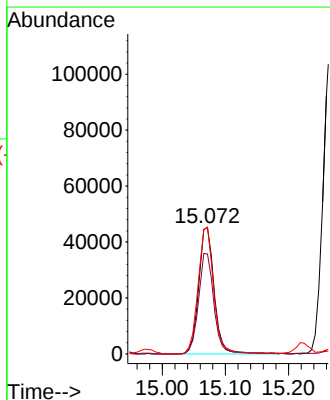
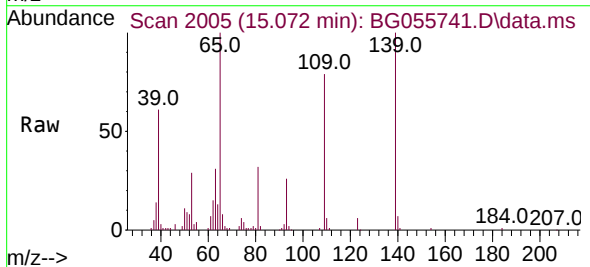
Manual Integrations  
APPROVED

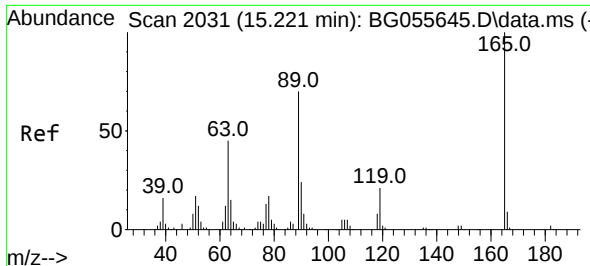
Reviewed By :Christian Giraldo 11/23/2022  
Supervised By :Jagrut Upadhyay 11/23/2022



#56  
4-Nitrophenol  
Concen: 40.753 ng  
RT: 15.072 min Scan# 2005  
Delta R.T. 0.010 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

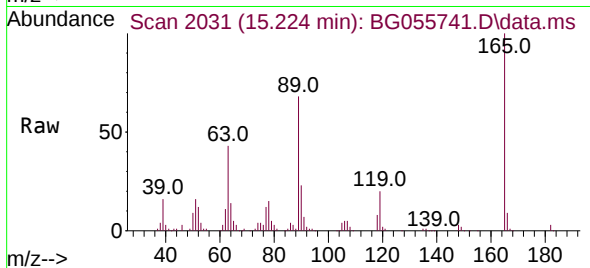
Tgt Ion:139 Resp: 76737  
Ion Ratio Lower Upper  
139 100  
109 79.1 58.6 98.6  
65 100.4 80.5 120.5





#57  
2,4-Dinitrotoluene  
Concen: 40.267 ng  
RT: 15.224 min Scan# 2031  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

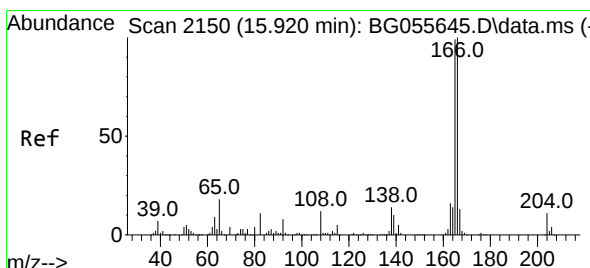
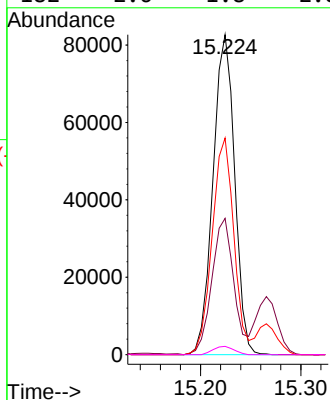
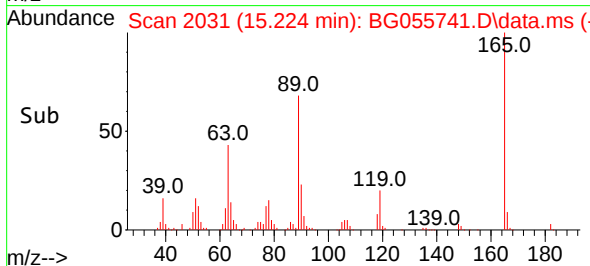
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



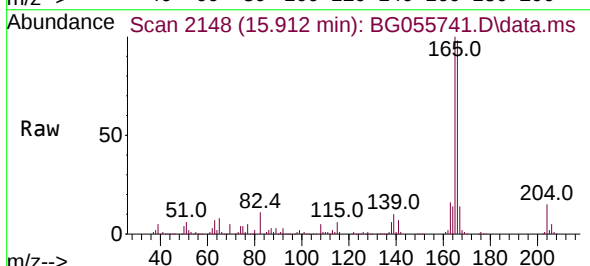
Tgt Ion:165 Resp: 124076  
Ion Ratio Lower Upper  
165 100  
63 42.6 35.8 53.8  
89 67.7 56.2 84.4  
182 2.6 1.8 2.8

Manual Integrations  
APPROVED

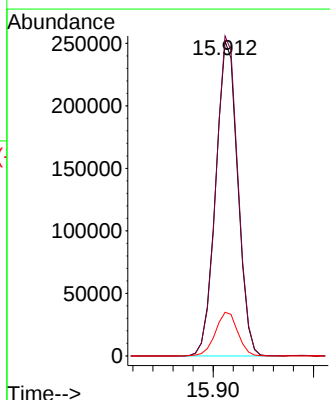
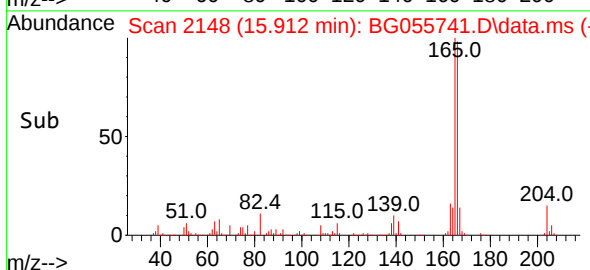
Reviewed By :Christian Giraldo 11/23/2022  
Supervised By :Jagrut Upadhyay 11/23/2022

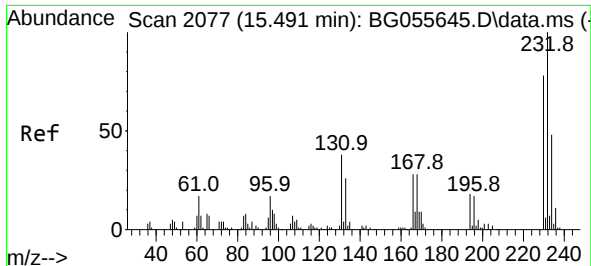


#58  
Fluorene  
Concen: 38.070 ng  
RT: 15.912 min Scan# 2148  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44



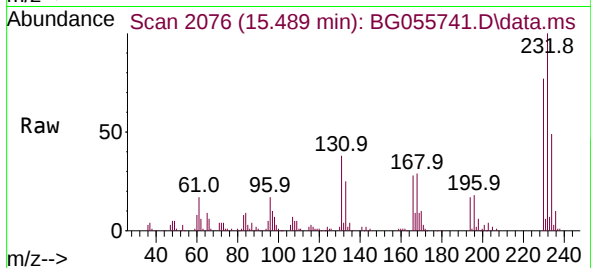
Tgt Ion:166 Resp: 383399  
Ion Ratio Lower Upper  
166 100  
165 101.7 79.3 118.9  
167 13.9 10.6 15.8





#59  
2,3,4,6-Tetrachlorophenol  
Concen: 37.474 ng  
RT: 15.489 min Scan# 2077  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

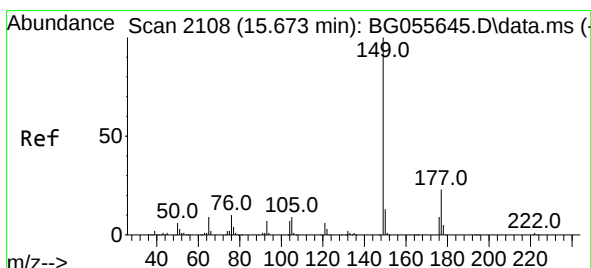
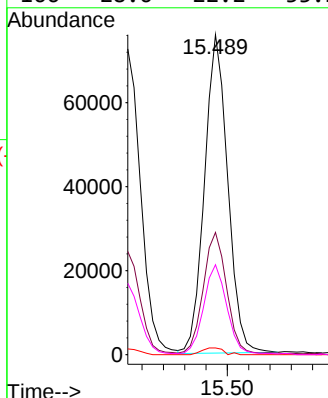
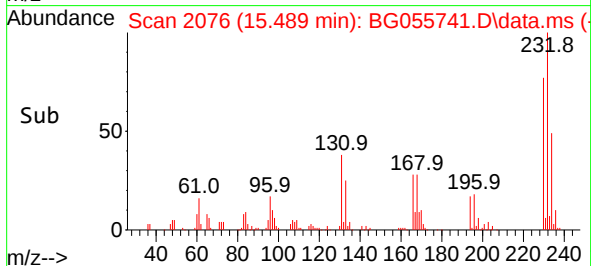
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



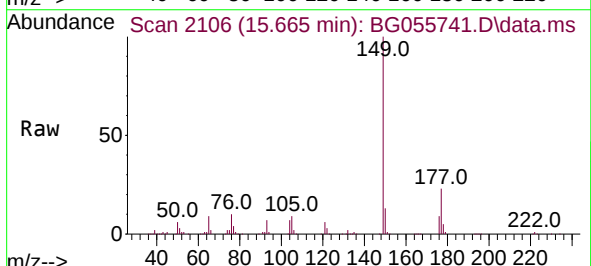
Tgt Ion:232 Resp: 114695  
Ion Ratio Lower Upper  
232 100  
131 39.8 29.8 44.8  
130 2.0 1.7 2.5  
166 28.6 22.2 33.2

Manual Integrations  
APPROVED

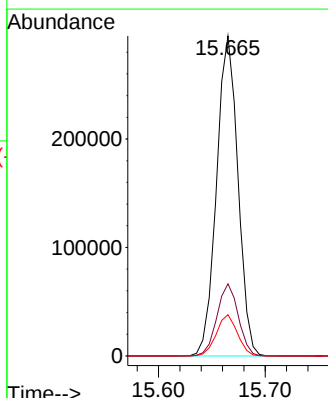
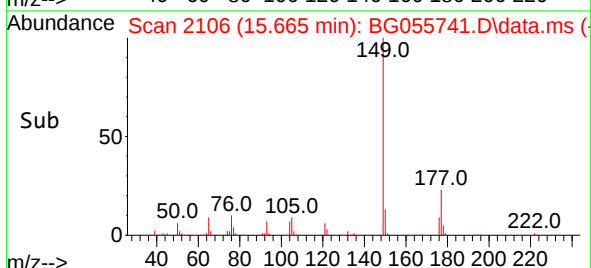
Reviewed By :Christian Giraldo 11/23/2022  
Supervised By :Jagrut Upadhyay 11/23/2022

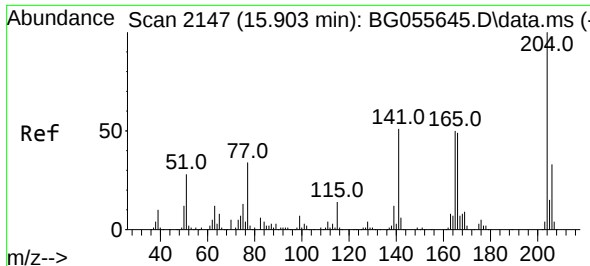


#60  
Diethylphthalate  
Concen: 38.044 ng  
RT: 15.665 min Scan# 2106  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44



Tgt Ion:149 Resp: 411132  
Ion Ratio Lower Upper  
149 100  
177 22.5 18.3 27.5  
150 12.9 10.0 15.0





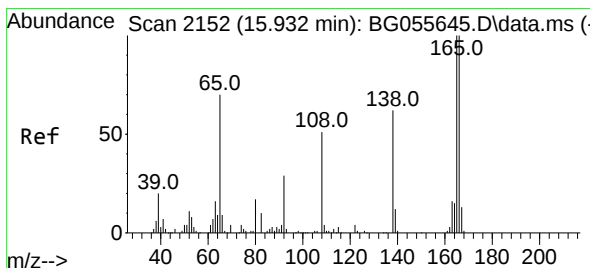
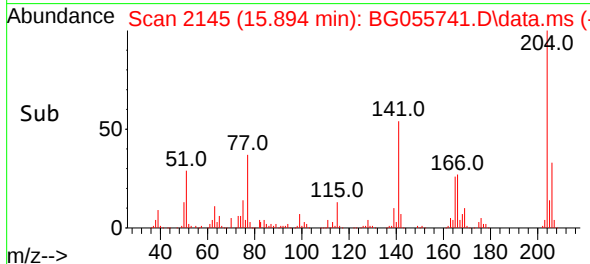
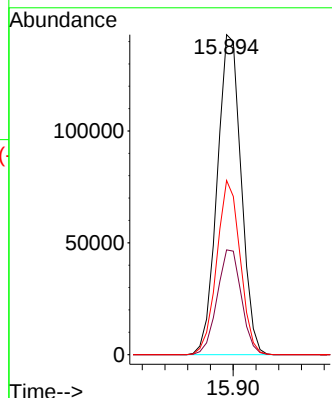
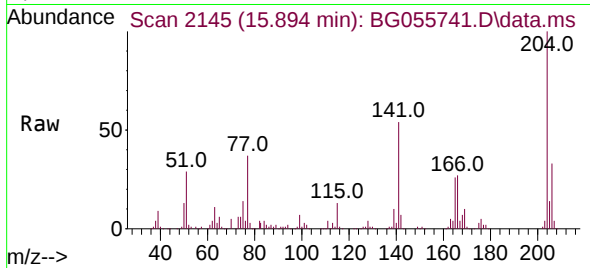
#61  
4-Chlorophenyl-phenylether  
Concen: 37.825 ng  
RT: 15.894 min Scan# 2145  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:204 Resp: 209397  
Ion Ratio Lower Upper  
204 100  
206 32.7 26.6 40.0  
141 54.4 40.6 61.0

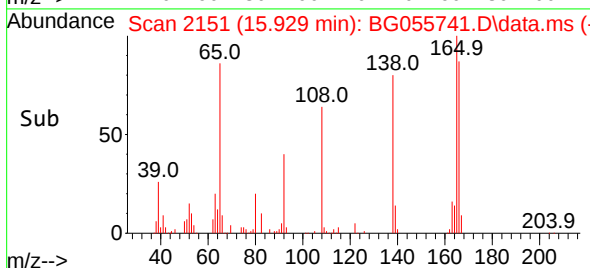
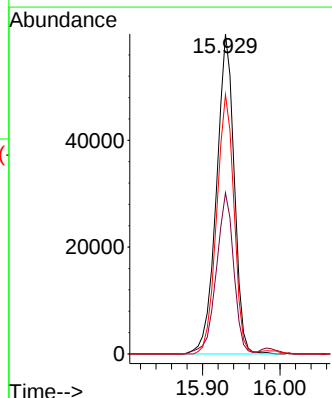
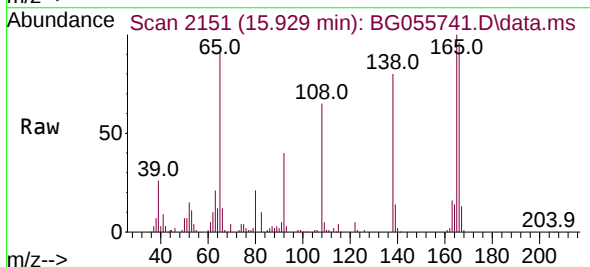
Manual Integrations  
APPROVED

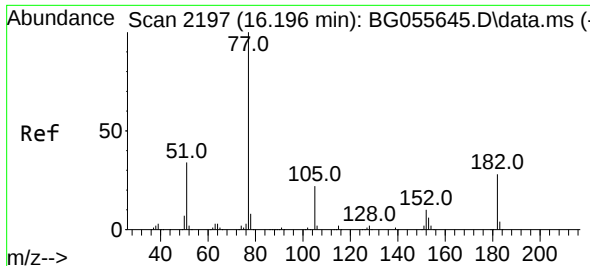
Reviewed By :Christian Giraldo 11/23/2022  
Supervised By :Jagrut Upadhyay 11/23/2022



#62  
4-Nitroaniline  
Concen: 38.074 ng  
RT: 15.929 min Scan# 2151  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

Tgt Ion:138 Resp: 95486  
Ion Ratio Lower Upper  
138 100  
92 50.3 27.3 67.3  
108 81.0 62.8 102.8





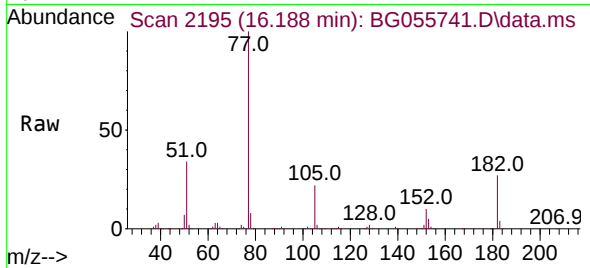
#63  
Azobenzene  
Concen: 38.793 ng  
RT: 16.188 min Scan# 2197  
Delta R.T. -0.002 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

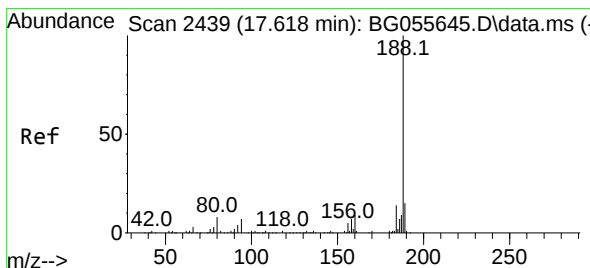
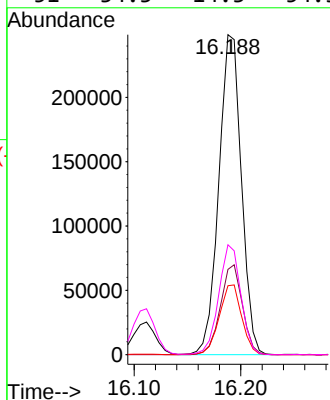
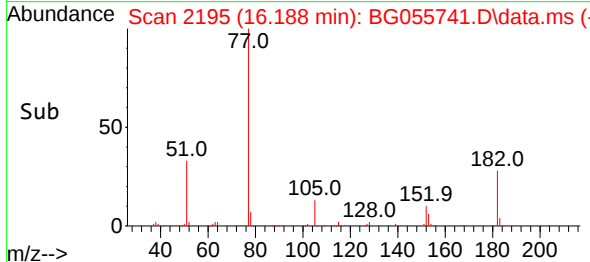


Tgt Ion: 77 Resp: 366000  
Ion Ratio Lower Upper  
77 100  
182 26.6 8.1 48.1  
105 21.5 1.8 41.8  
51 34.3 14.3 54.3

Manual Integrations

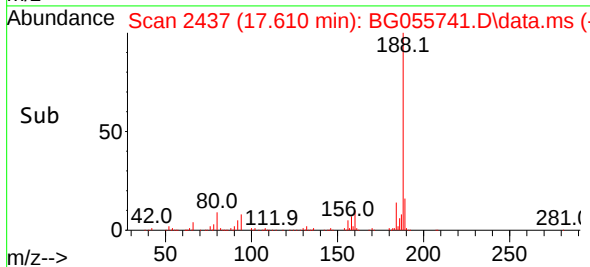
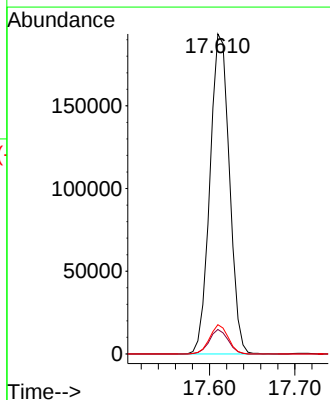
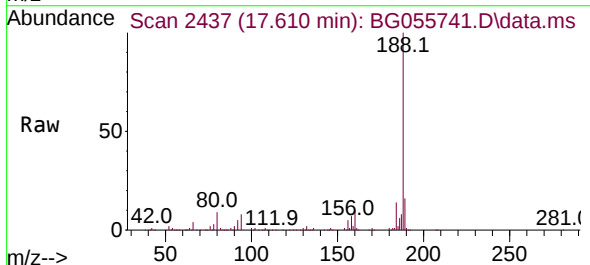
APPROVED

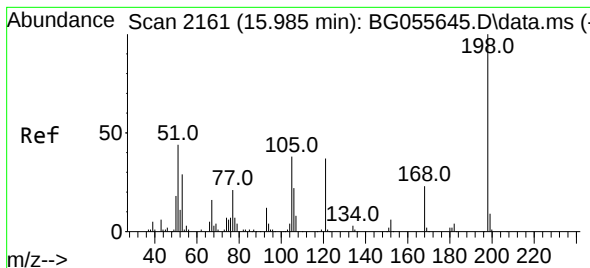
Reviewed By :Christian Giraldo 11/23/2022  
Supervised By :Jagrut Upadhyay 11/23/2022



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.610 min Scan# 2437  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

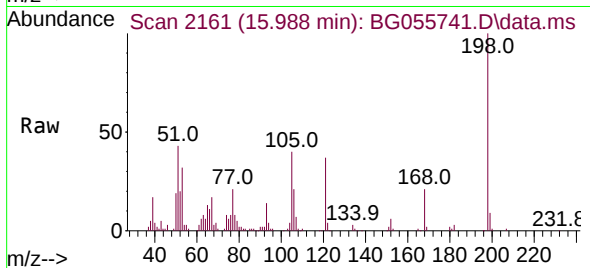
Tgt Ion:188 Resp: 306950  
Ion Ratio Lower Upper  
188 100  
94 7.6 5.4 8.2  
80 9.1 6.6 10.0





#65  
4,6-Dinitro-2-methylphenol  
Concen: 44.164 ng  
RT: 15.988 min Scan# 2161  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

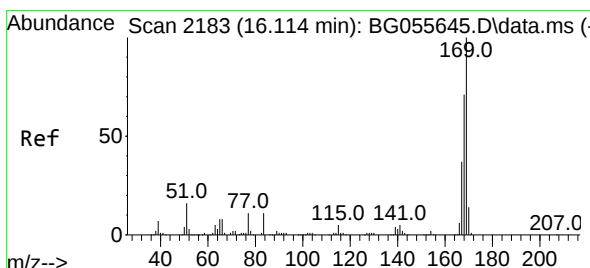
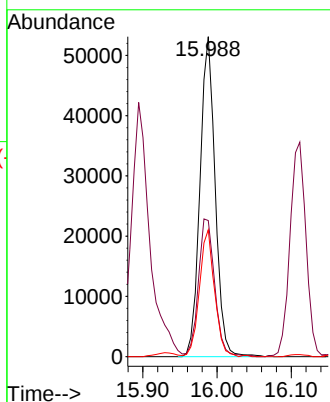
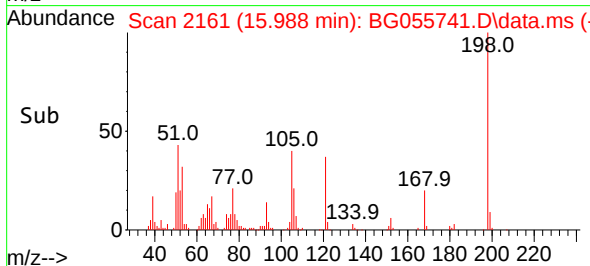
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



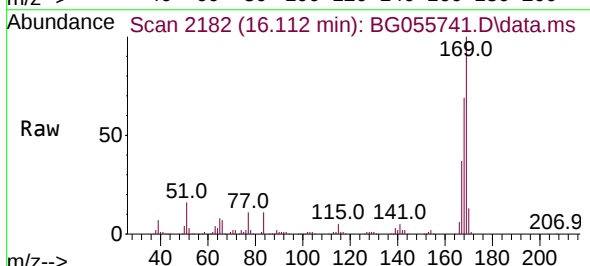
Tgt Ion:198 Resp: 75696  
Ion Ratio Lower Upper  
198 100  
51 42.5 27.7 67.7  
105 39.6 19.3 59.3

Manual Integrations  
APPROVED

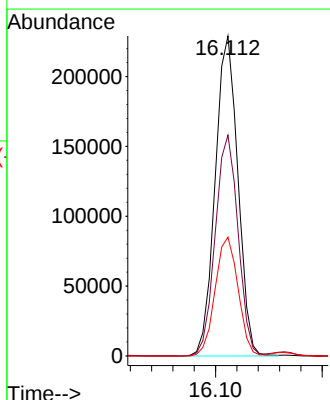
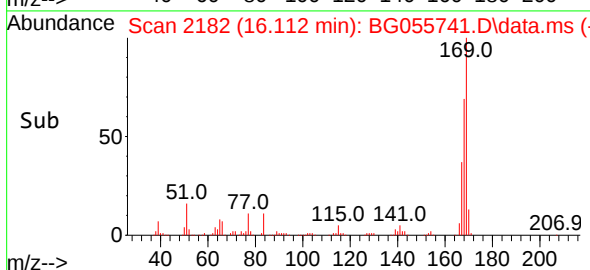
Reviewed By :Christian Giraldo 11/23/2022  
Supervised By :Jagrut Upadhyay 11/23/2022

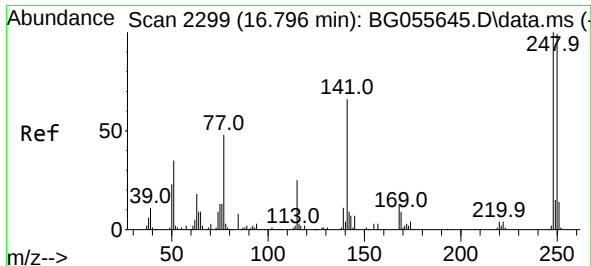


#66  
n-Nitrosodiphenylamine  
Concen: 40.099 ng  
RT: 16.112 min Scan# 2182  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44



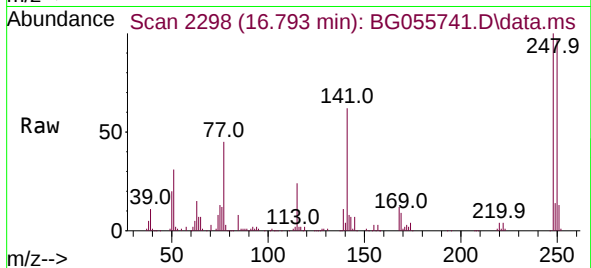
Tgt Ion:169 Resp: 339209  
Ion Ratio Lower Upper  
169 100  
168 69.0 56.6 85.0  
167 37.1 29.9 44.9





#67  
4-Bromophenyl-phenylether  
Concen: 39.862 ng  
RT: 16.793 min Scan# 2119  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

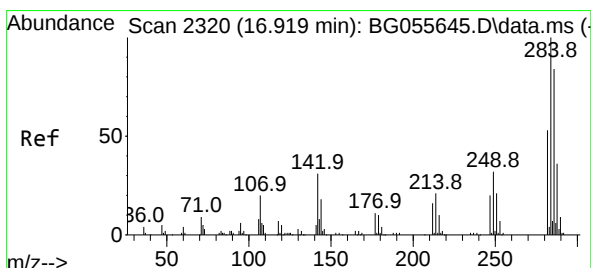
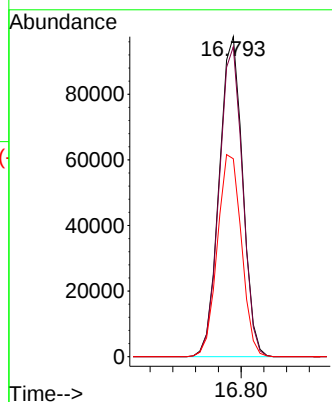
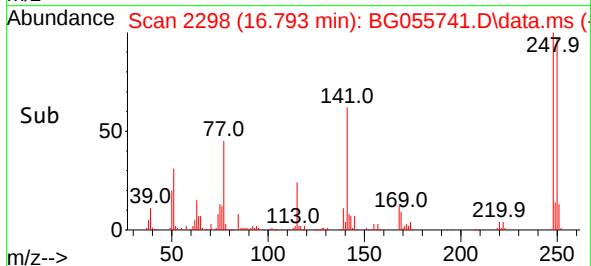
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



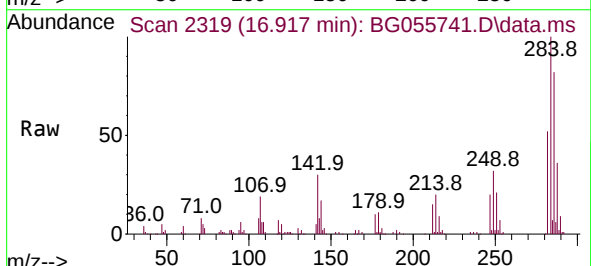
Tgt Ion:248 Resp: 139412  
Ion Ratio Lower Upper  
248 100  
250 96.8 79.0 118.4  
141 61.8 52.9 79.3

Manual Integrations  
APPROVED

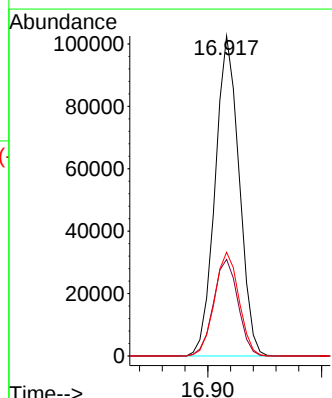
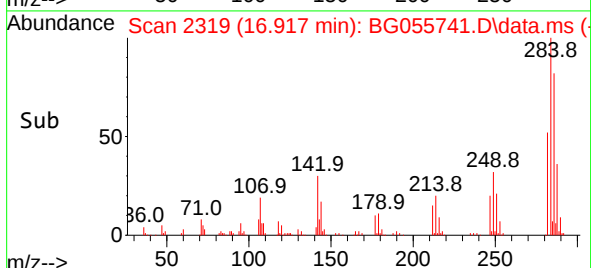
Reviewed By :Christian Giraldo 11/23/2022  
Supervised By :Jagrut Upadhyay 11/23/2022

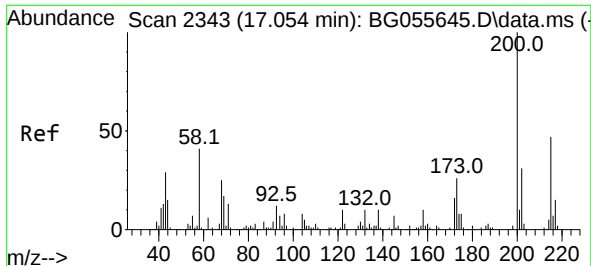


#68  
Hexachlorobenzene  
Concen: 38.734 ng  
RT: 16.917 min Scan# 2319  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44



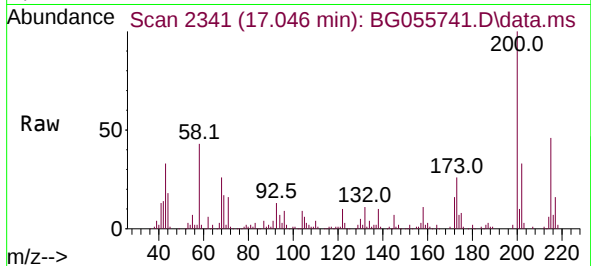
Tgt Ion:284 Resp: 150210  
Ion Ratio Lower Upper  
284 100  
142 30.2 24.8 37.2  
249 32.4 25.7 38.5





#69  
Atrazine  
Concen: 38.255 ng  
RT: 17.046 min Scan# 2341  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

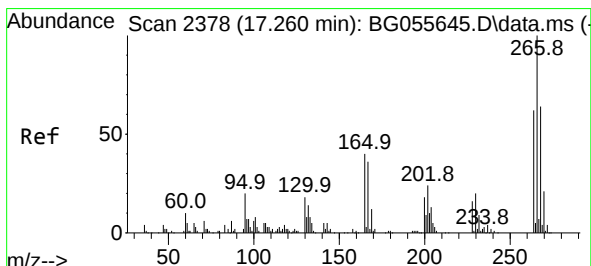
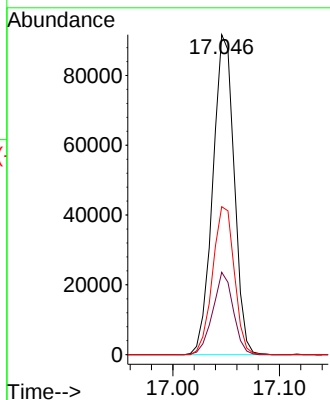
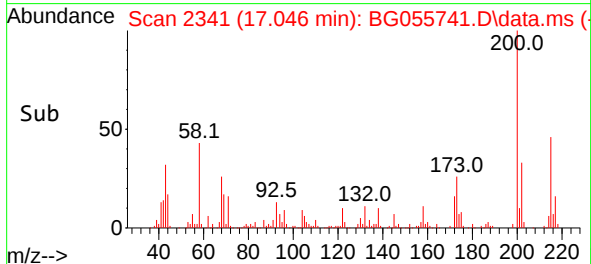
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



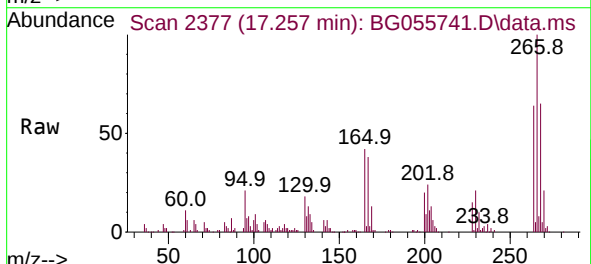
Tgt Ion:200 Resp: 12798  
Ion Ratio Lower Upper  
200 100  
173 25.7 5.6 45.6  
215 46.2 27.2 67.2

Manual Integrations  
APPROVED

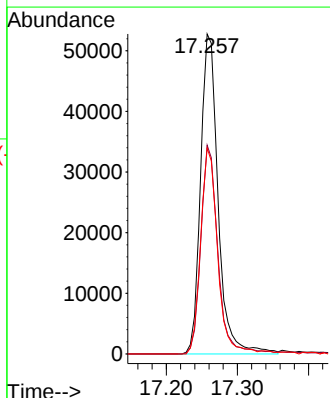
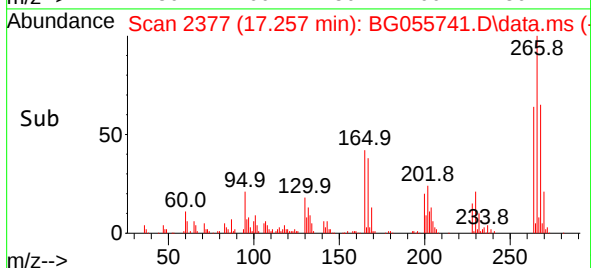
Reviewed By :Christian Giraldo 11/23/2022  
Supervised By :Jagrut Upadhyay 11/23/2022

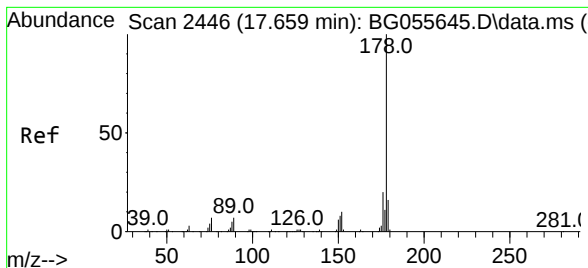


#70  
Pentachlorophenol  
Concen: 37.974 ng  
RT: 17.257 min Scan# 2377  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44



Tgt Ion:266 Resp: 90084  
Ion Ratio Lower Upper  
266 100  
268 65.2 51.2 76.8  
264 64.3 49.5 74.3





#71

Phenanthrene

Concen: 37.931 ng

RT: 17.657 min Scan# 2446

Delta R.T. 0.004 min

Lab File: BG055741.D

Acq: 22 Nov 2022 15:44

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion:178 Resp: 628303

Ion Ratio Lower Upper

178 100

176 20.0 16.0 24.0

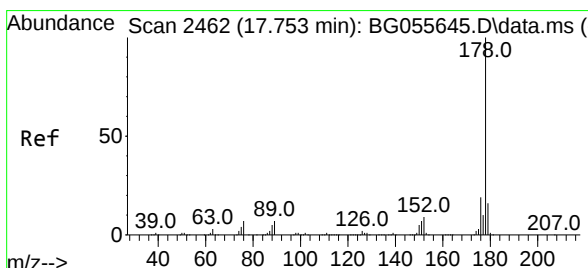
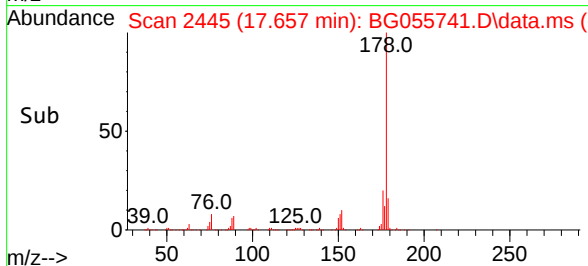
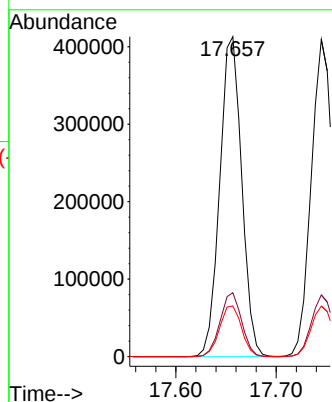
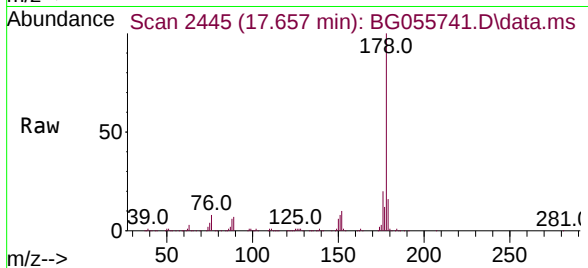
179 15.8 12.7 19.1

Manual Integrations

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Reviewed By :Christian Giraldo 11/23/2022

Supervised By :Jagrut Upadhyay 11/23/2022



#72

Anthracene

Concen: 38.324 ng

RT: 17.745 min Scan# 2460

Delta R.T. 0.004 min

Lab File: BG055741.D

Acq: 22 Nov 2022 15:44

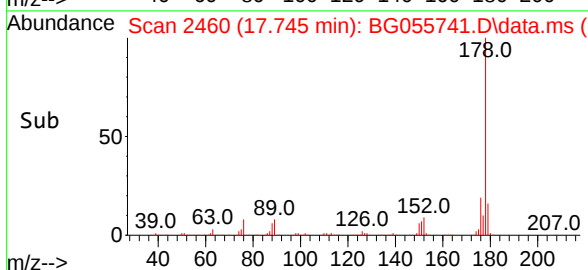
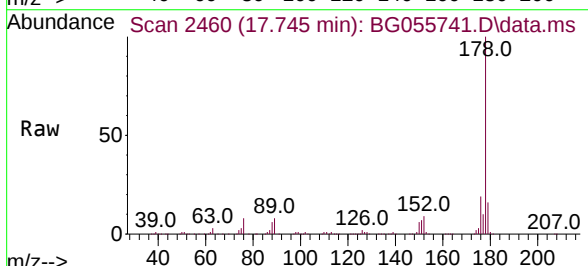
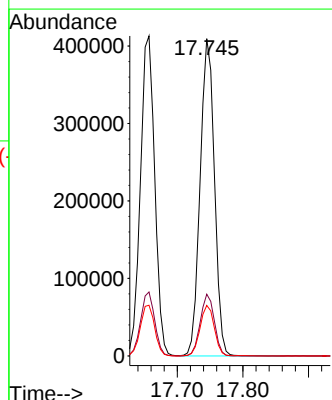
Tgt Ion:178 Resp: 616788

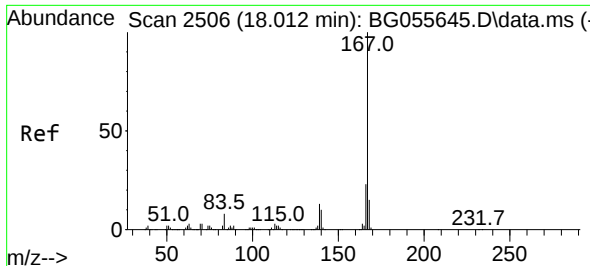
Ion Ratio Lower Upper

178 100

176 19.4 15.5 23.3

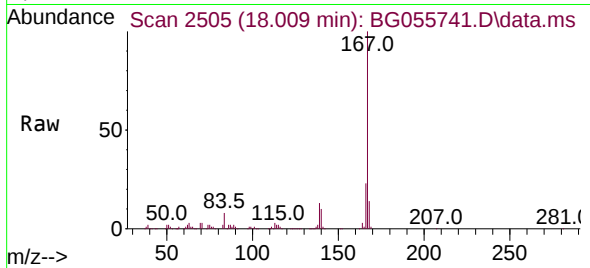
179 15.9 12.5 18.7





#73  
Carbazole  
Concen: 37.739 ng  
RT: 18.009 min Scan# 2505  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

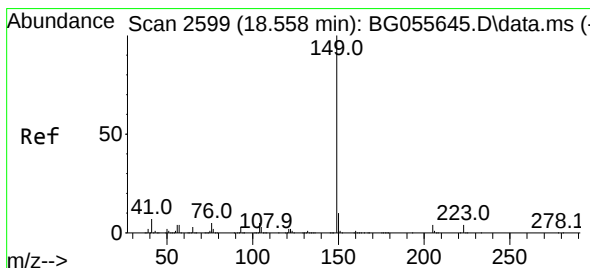
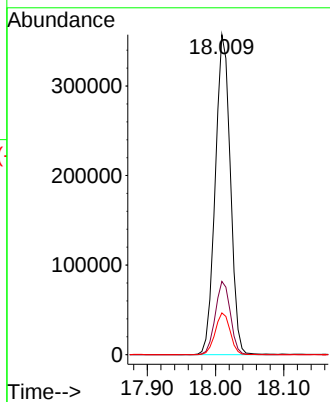
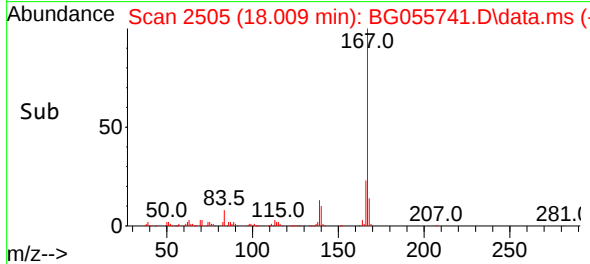
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



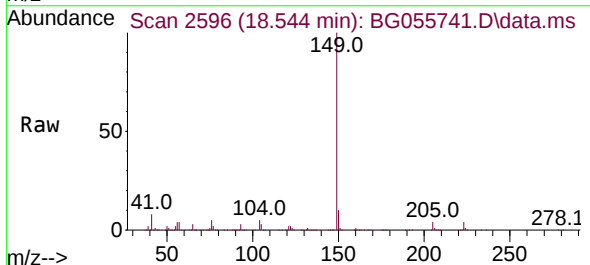
Tgt Ion:167 Resp: 546030  
Ion Ratio Lower Upper  
167 100  
166 22.9 18.2 27.2  
139 13.0 10.2 15.4

Manual Integrations  
APPROVED

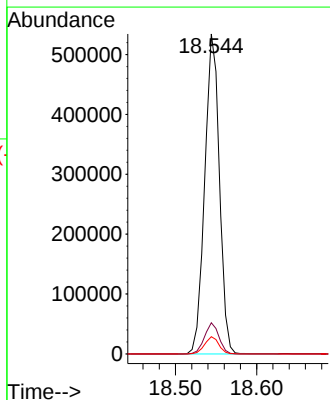
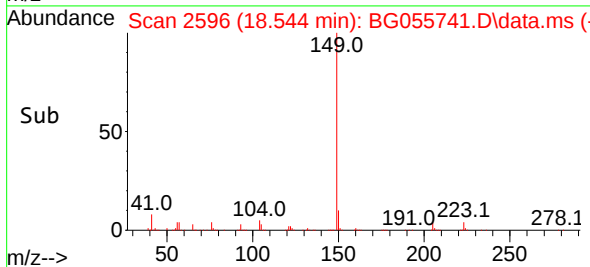
Reviewed By :Christian Giraldo 11/23/2022  
Supervised By :Jagrut Upadhyay 11/23/2022

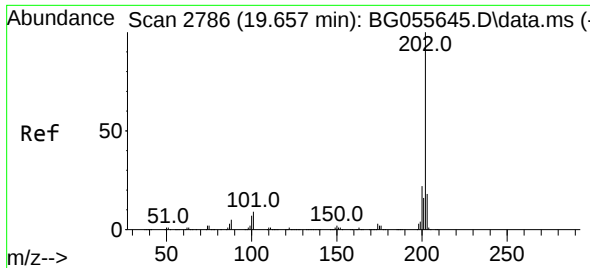


#74  
Di-n-butylphthalate  
Concen: 37.424 ng  
RT: 18.544 min Scan# 2596  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44



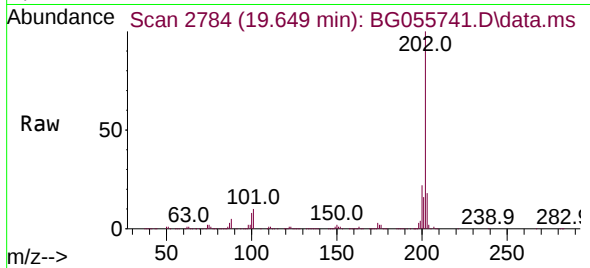
Tgt Ion:149 Resp: 672343  
Ion Ratio Lower Upper  
149 100  
150 9.7 7.8 11.6  
104 5.4 4.0 6.0





#75  
Fluoranthene  
Concen: 35.111 ng  
RT: 19.649 min Scan# 21  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

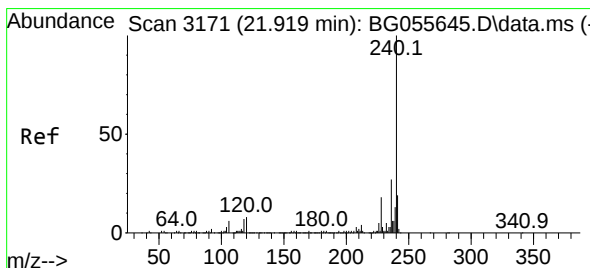
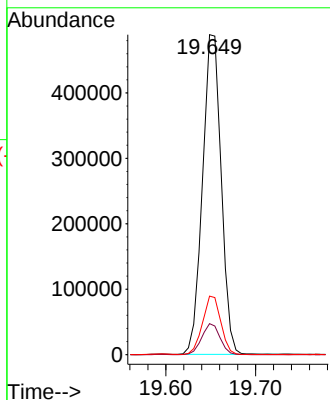
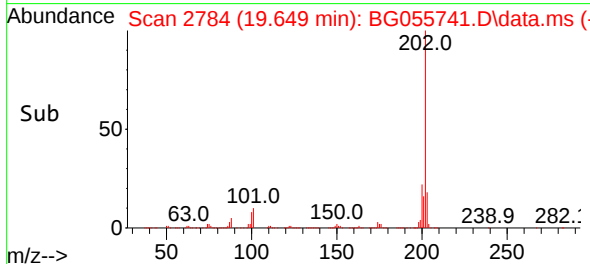
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



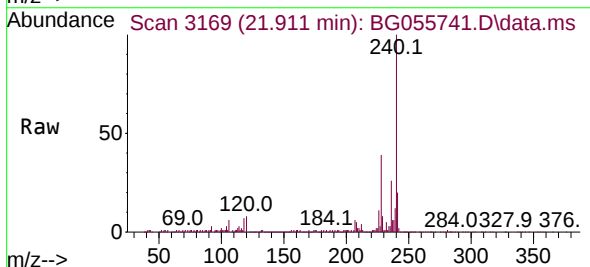
Tgt Ion:202 Resp: 707548  
Ion Ratio Lower Upper  
202 100  
101 9.7 0.0 28.8  
203 18.3 0.0 38.1

Manual Integrations  
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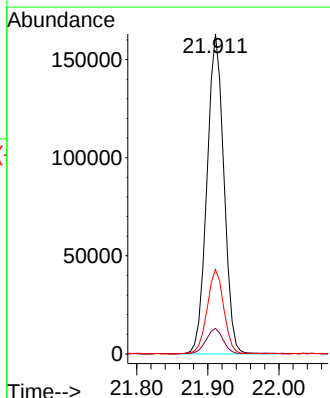
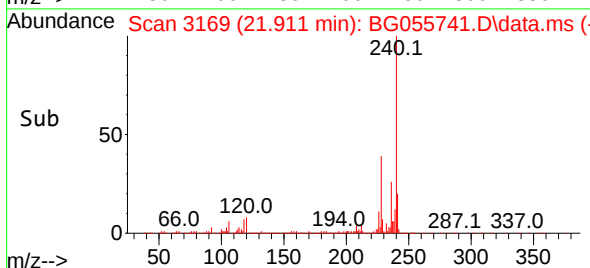
Reviewed By :Christian Giraldo 11/23/2022  
Supervised By :Jagrut Upadhyay 11/23/2022

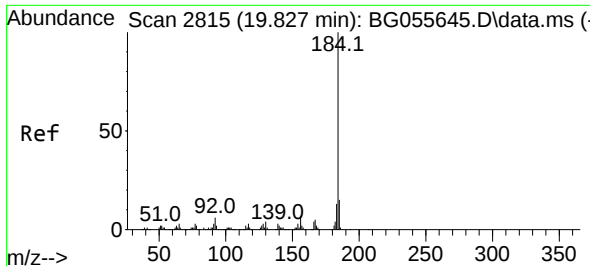


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.911 min Scan# 3169  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44



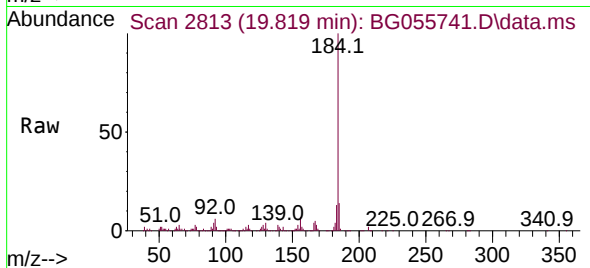
Tgt Ion:240 Resp: 268431  
Ion Ratio Lower Upper  
240 100  
120 8.0 6.3 9.5  
236 26.4 21.9 32.9





#77  
Benzidine  
Concen: 34.520 ng  
RT: 19.819 min Scan# 2815  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

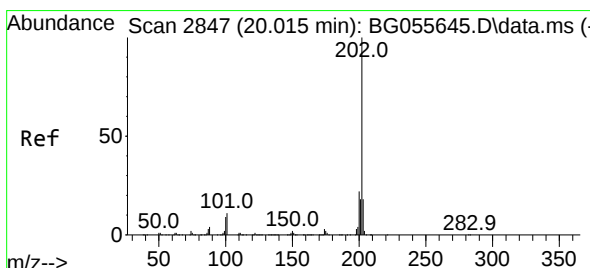
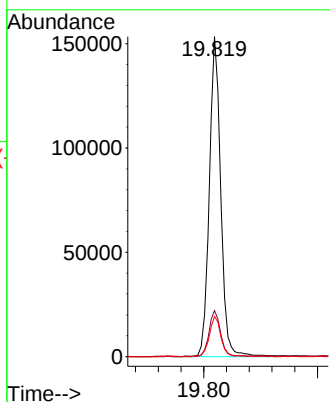
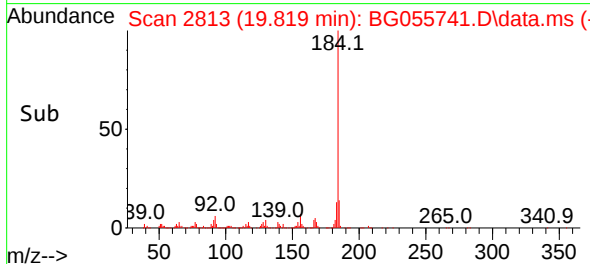
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



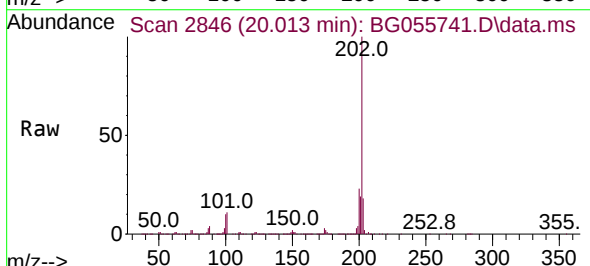
Tgt Ion:184 Resp: 21437  
Ion Ratio Lower Upper  
184 100  
185 14.4 11.8 17.8  
183 12.5 10.6 15.8

Manual Integrations  
APPROVED

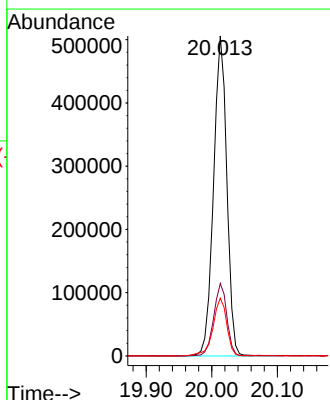
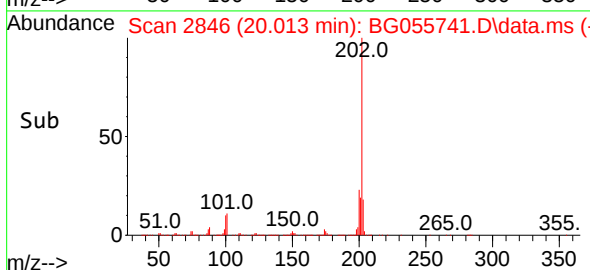
Reviewed By :Christian Giraldo 11/23/2022  
Supervised By :Jagrut Upadhyay 11/23/2022

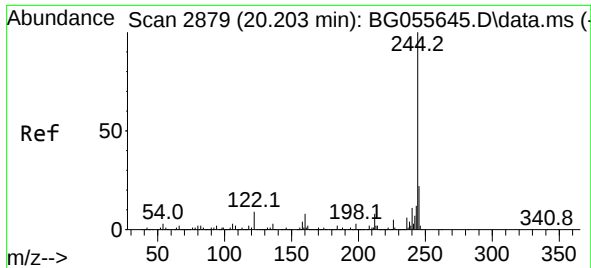


#78  
Pyrene  
Concen: 39.244 ng  
RT: 20.013 min Scan# 2846  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44



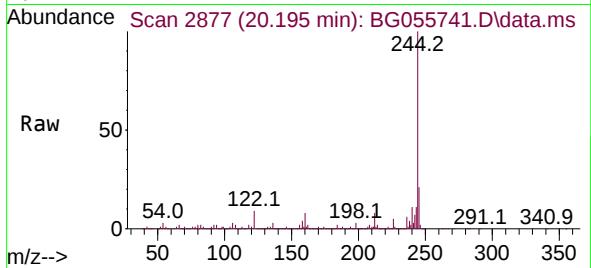
Tgt Ion:202 Resp: 713050  
Ion Ratio Lower Upper  
202 100  
200 22.6 17.8 26.6  
203 18.0 14.4 21.6





#79  
Terphenyl-d14  
Concen: 76.801 ng  
RT: 20.195 min Scan# 2879  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

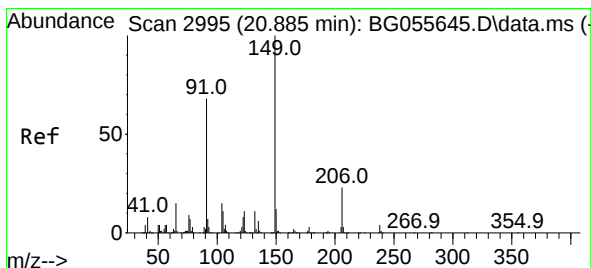
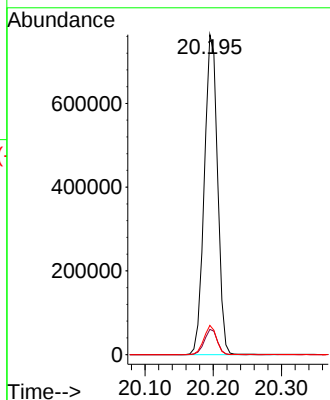
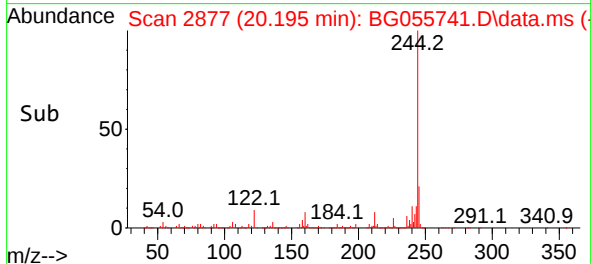
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:244 Resp: 1030719  
Ion Ratio Lower Upper  
244 100  
212 7.9 6.3 9.5  
122 9.1 6.9 10.3

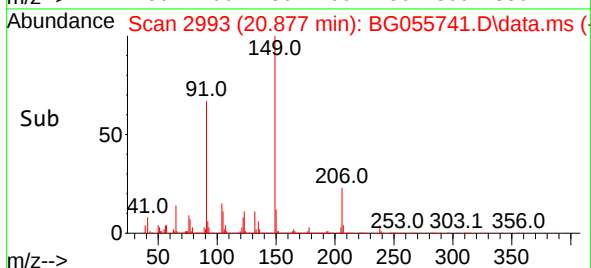
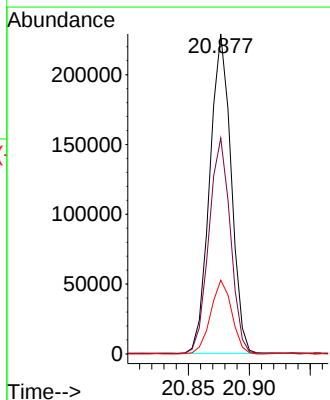
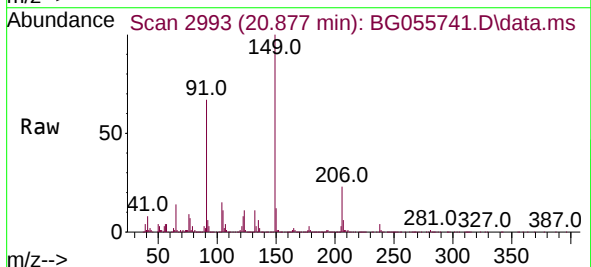
Manual Integrations  
APPROVED

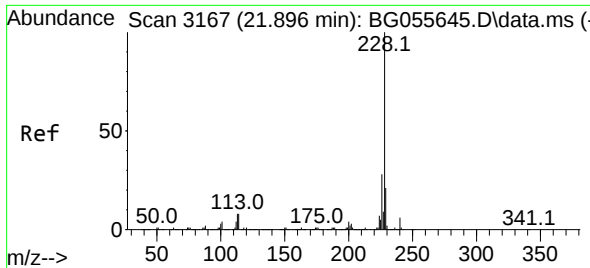
Reviewed By :Christian Giraldo 11/23/2022  
Supervised By :Jagrut Upadhyay 11/23/2022



#80  
Butylbenzylphthalate  
Concen: 39.246 ng  
RT: 20.877 min Scan# 2993  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

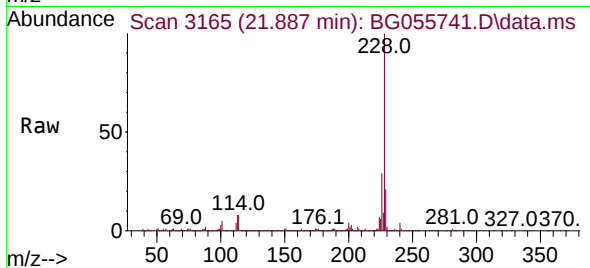
Tgt Ion:149 Resp: 279153  
Ion Ratio Lower Upper  
149 100  
91 67.4 54.6 81.8  
206 23.0 18.3 27.5





#81  
Benzo(a)anthracene  
Concen: 38.029 ng  
RT: 21.887 min Scan# 3165  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

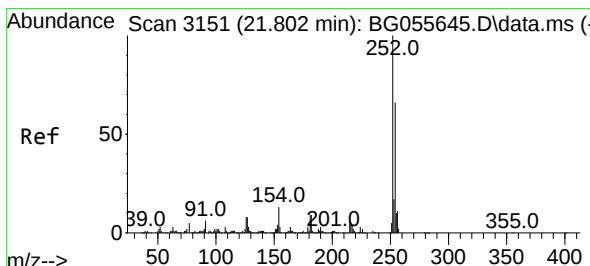
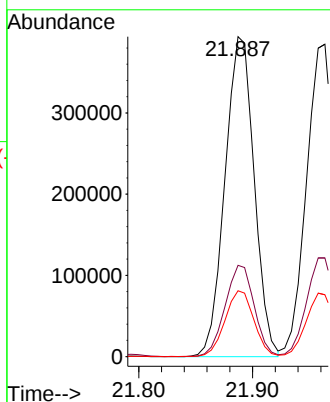
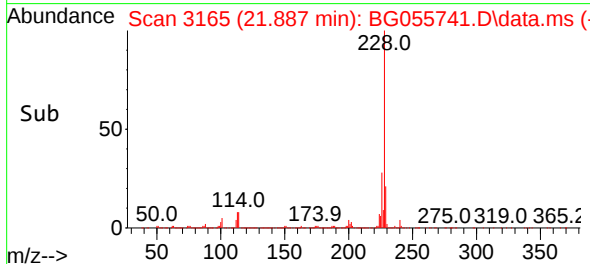
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



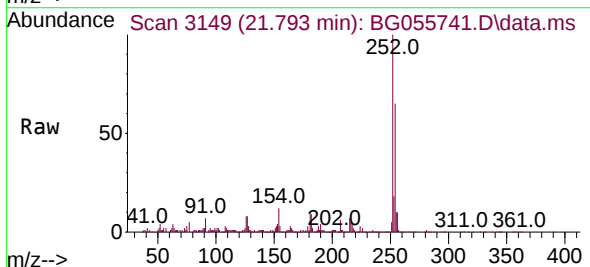
Tgt Ion:228 Resp: 703096  
Ion Ratio Lower Upper  
228 100  
226 28.5 22.7 34.1  
229 20.6 16.5 24.7

Manual Integrations  
APPROVED

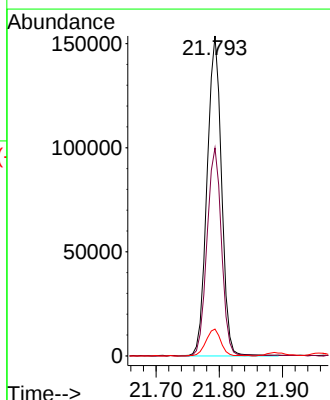
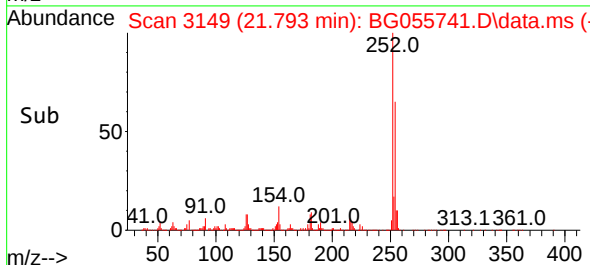
Reviewed By :Christian Giraldo 11/23/2022  
Supervised By :Jagrut Upadhyay 11/23/2022

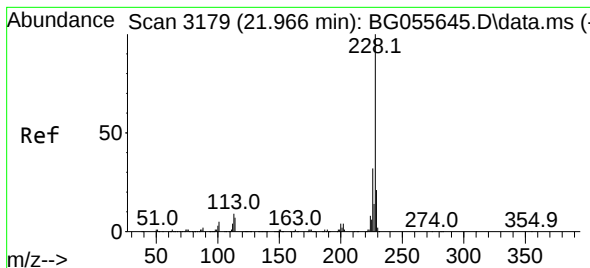


#82  
3,3'-Dichlorobenzidine  
Concen: 37.585 ng  
RT: 21.793 min Scan# 3149  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44



Tgt Ion:252 Resp: 244174  
Ion Ratio Lower Upper  
252 100  
254 65.0 53.0 79.6  
126 8.4 6.7 10.1





#83

Chrysene

Concen: 37.952 ng

RT: 21.964 min Scan# 3179

Delta R.T. 0.010 min

Lab File: BG055741.D

Acq: 22 Nov 2022 15:44

Instrument :

BNA\_G

ClientSampleId :

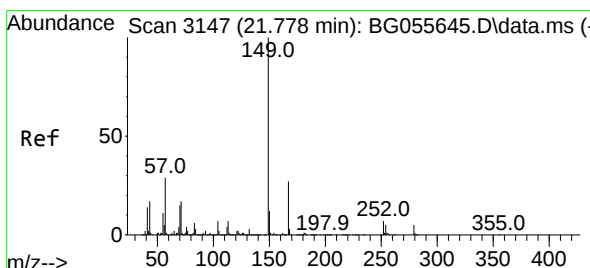
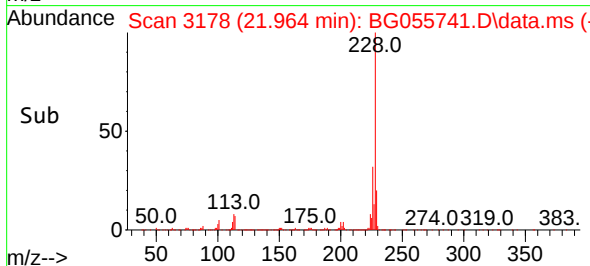
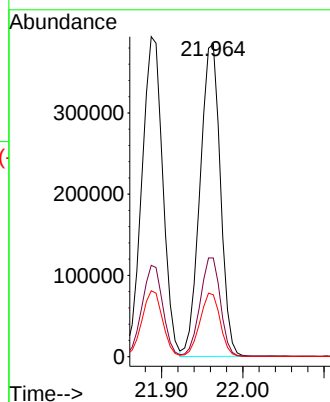
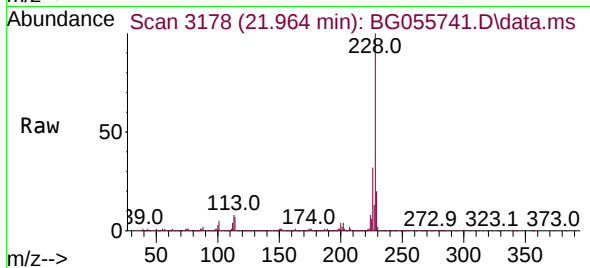
SSTDCCC040

Tgt Ion:228 Resp: 667995  
 Ion Ratio Lower Upper  
 228 100  
 226 31.6 25.4 38.2  
 229 19.8 17.1 25.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/23/2022  
 Supervised By :Jagrut Upadhyay 11/23/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.601 ng

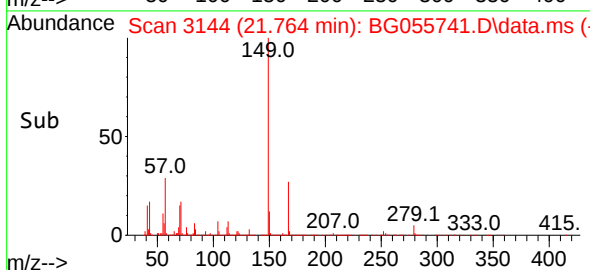
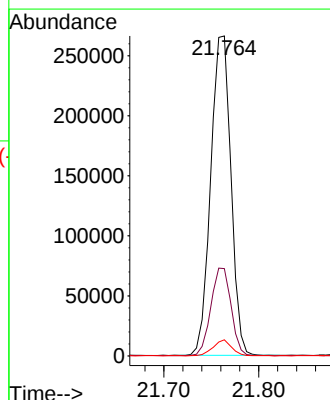
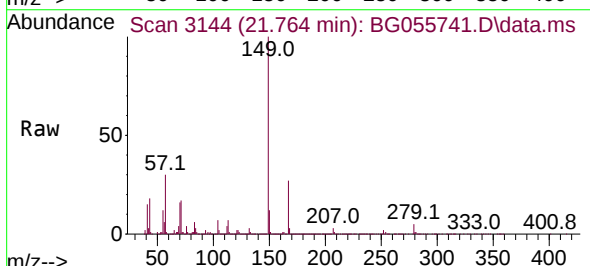
RT: 21.764 min Scan# 3144

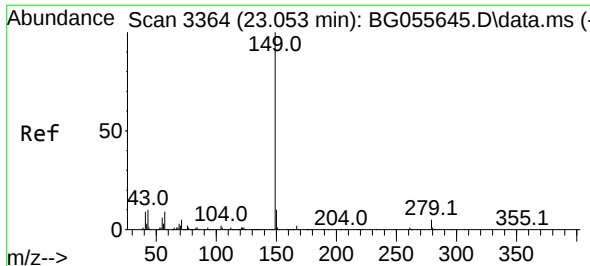
Delta R.T. 0.010 min

Lab File: BG055741.D

Acq: 22 Nov 2022 15:44

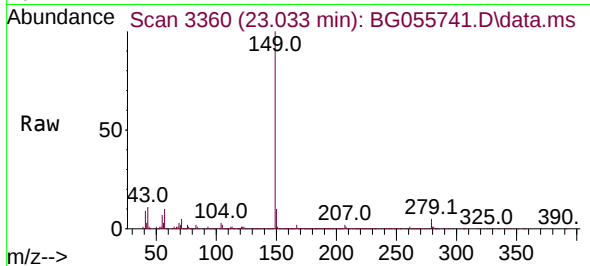
Tgt Ion:149 Resp: 394597  
 Ion Ratio Lower Upper  
 149 100  
 167 27.3 22.0 33.0  
 279 5.0 3.7 5.5





#85  
Di-n-octyl phthalate  
Concen: 39.033 ng  
RT: 23.033 min Scan# 3364  
Delta R.T. 0.004 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

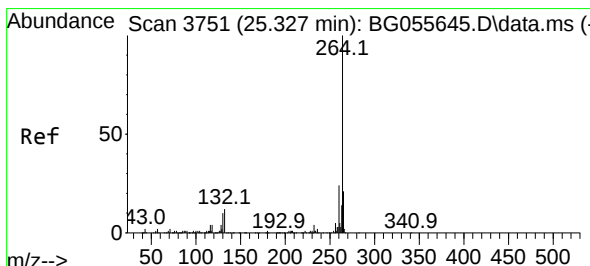
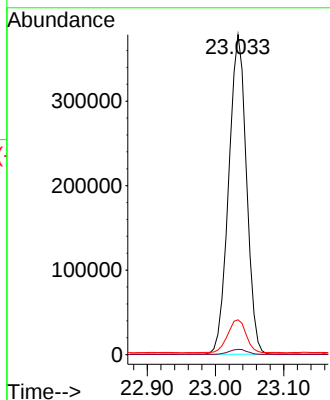
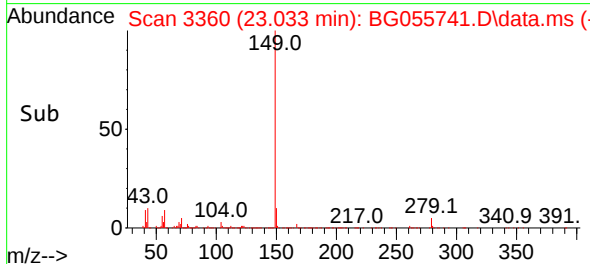
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:149 Resp: 682842  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 10.8 8.4 12.6

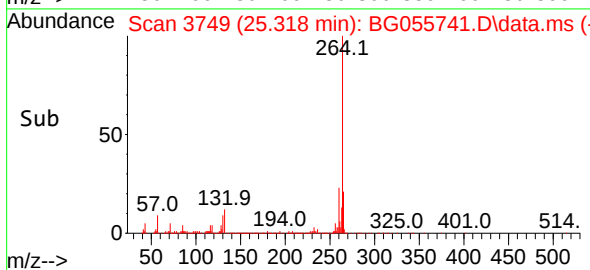
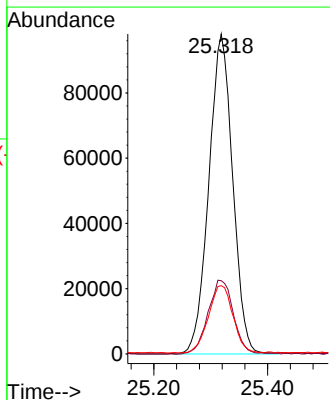
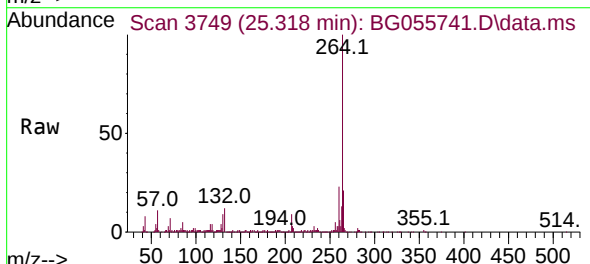
Manual Integrations  
APPROVED

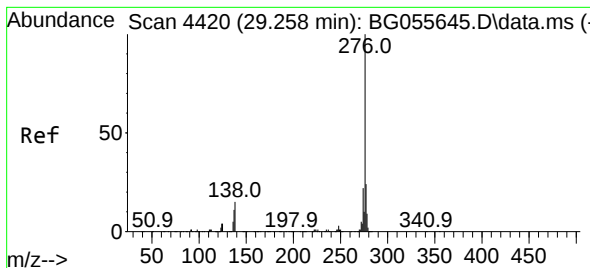
Reviewed By :Christian Giraldo 11/23/2022  
Supervised By :Jagrut Upadhyay 11/23/2022



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.318 min Scan# 3749  
Delta R.T. 0.016 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

Tgt Ion:264 Resp: 285385  
Ion Ratio Lower Upper  
264 100  
260 22.9 19.5 29.3  
265 21.3 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 36.033 ng

RT: 29.249 min Scan# 4420

Delta R.T. 0.016 min

Lab File: BG055741.D

Acq: 22 Nov 2022 15:44

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 842442

Ion Ratio Lower Upper

276 100

138 19.2 10.4 15.6

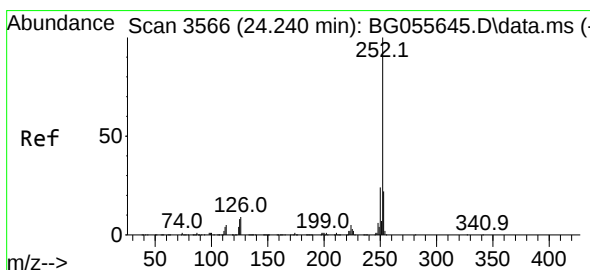
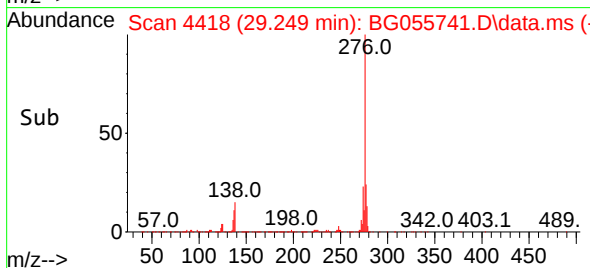
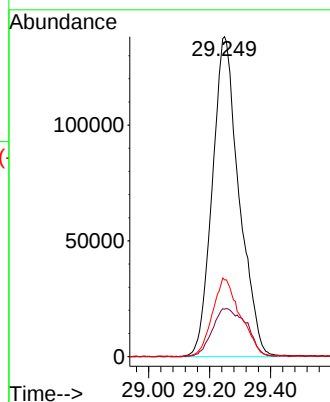
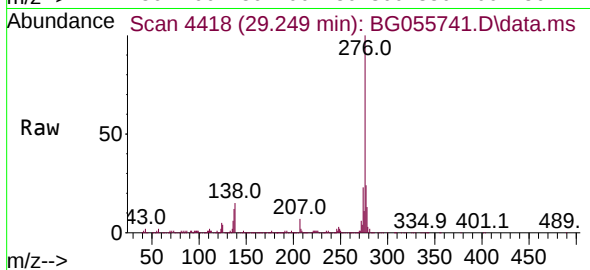
277 25.7 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/23/2022

Supervised By :Jagrut Upadhyay 11/23/2022



#88

Benzo(b)fluoranthene

Concen: 37.613 ng

RT: 24.231 min Scan# 3564

Delta R.T. 0.010 min

Lab File: BG055741.D

Acq: 22 Nov 2022 15:44

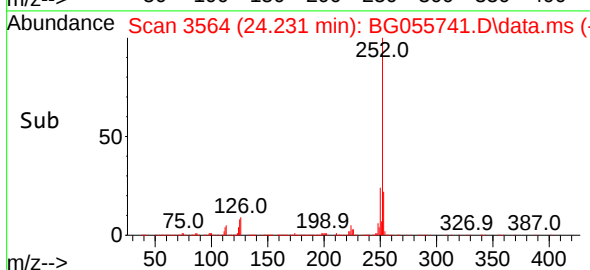
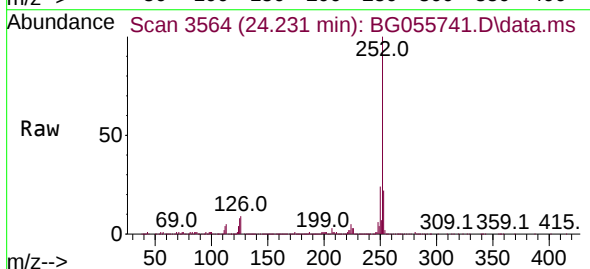
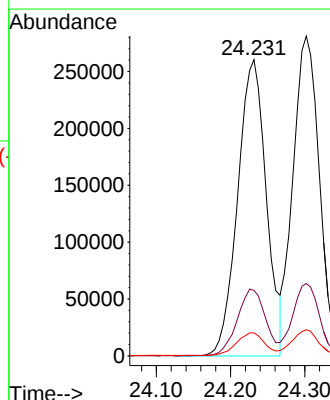
Tgt Ion:252 Resp: 699071

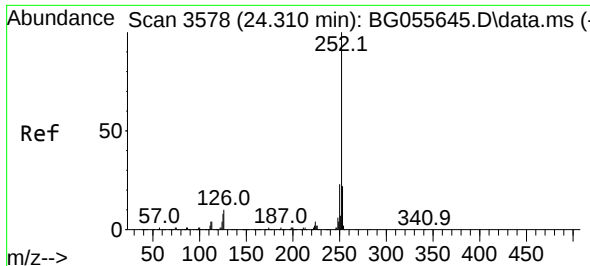
Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

125 7.8 6.2 9.2





#89  
Benzo(k)fluoranthene  
Concen: 37.123 ng  
RT: 24.302 min Scan# 31  
Delta R.T. 0.010 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

Instrument :

BNA\_G

ClientSampleId :

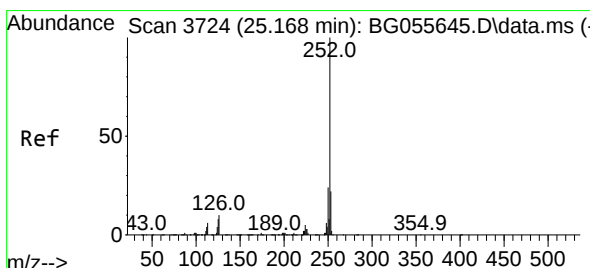
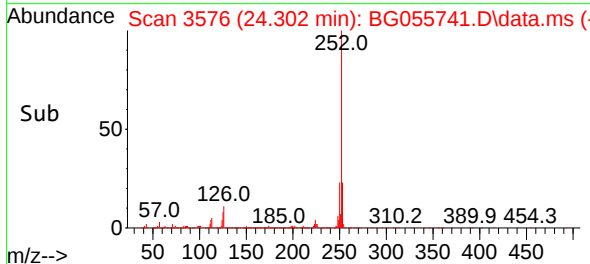
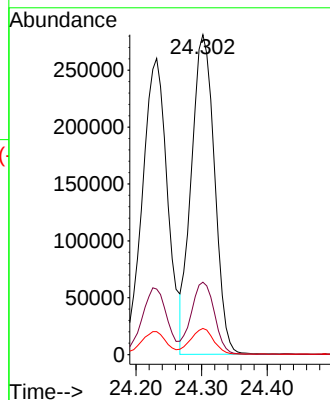
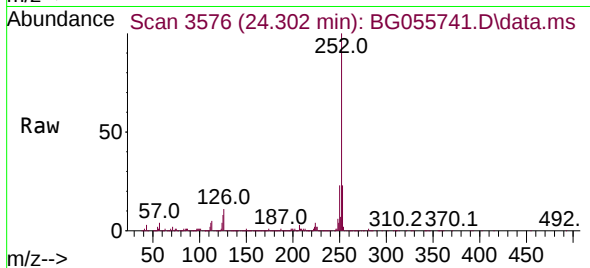
SSTDCCC040

Tgt Ion:252 Resp: 687759  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.8 26.6  
125 8.2 6.1 9.1

Manual Integrations

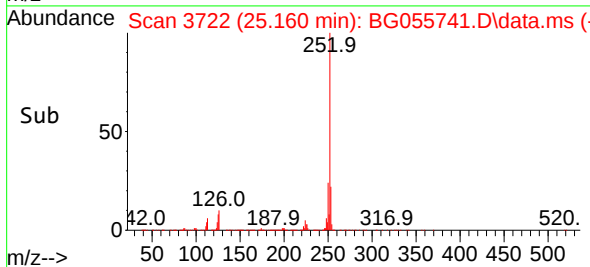
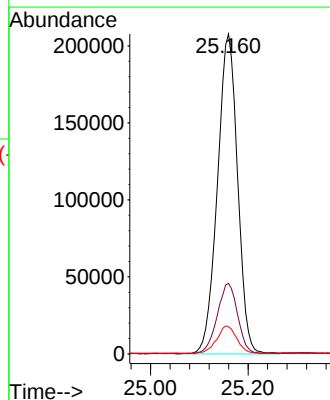
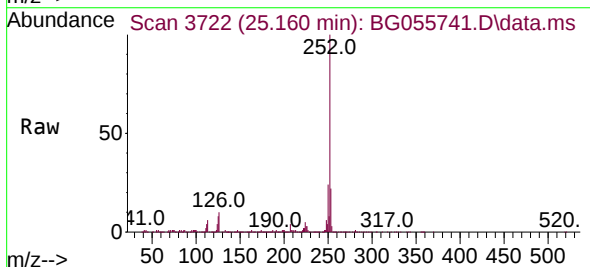
APPROVED

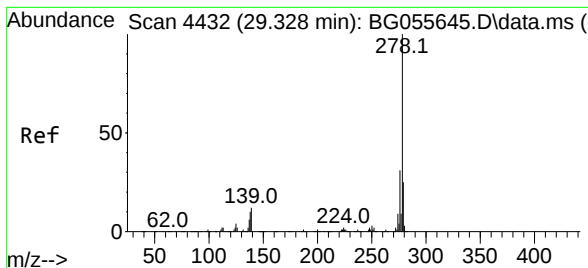
Reviewed By :Christian Giraldo 11/23/2022  
Supervised By :Jagrut Upadhyay 11/23/2022



#90  
Benzo(a)pyrene  
Concen: 37.296 ng  
RT: 25.160 min Scan# 3722  
Delta R.T. 0.010 min  
Lab File: BG055741.D  
Acq: 22 Nov 2022 15:44

Tgt Ion:252 Resp: 594832  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.8 26.6  
125 8.4 6.4 9.6





#91

Dibenzo(a,h)anthracene

Concen: 36.401 ng

RT: 29.314 min Scan# 4432

Delta R.T. 0.022 min

Lab File: BG055741.D

Acq: 22 Nov 2022 15:44

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 69544

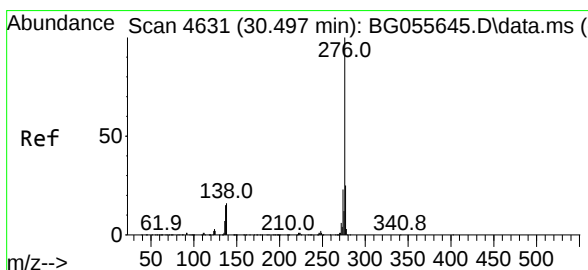
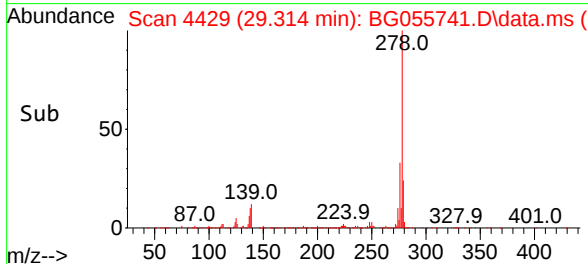
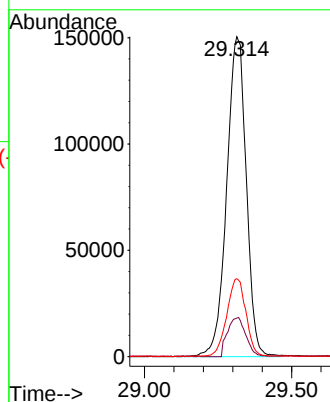
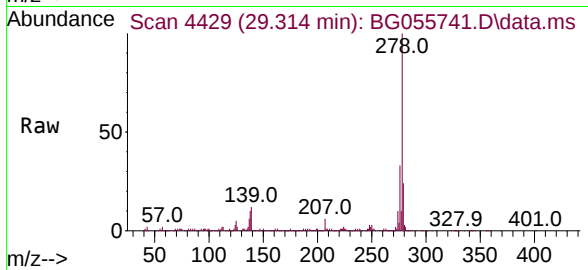
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 12.0  | 9.8   | 14.8  |
| 279 | 24.3  | 19.8  | 29.6  |

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/23/2022

Supervised By :Jagrut Upadhyay 11/23/2022



#92

Benzo(g,h,i)perylene

Concen: 35.513 ng

RT: 30.489 min Scan# 4629

Delta R.T. 0.028 min

Lab File: BG055741.D

Acq: 22 Nov 2022 15:44

Tgt Ion:276 Resp: 683835

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.8  | 19.8  | 29.6  |
| 138 | 16.5  | 13.1  | 19.7  |

