

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG071322\  
 Data File : BG054268.D  
 Acq On : 13 Jul 2022 10:09  
 Operator : CG/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Reviewed By : Christian Giraldo 07/14/2022  
 Supervised By : Jagrut Upadhyay 07/14/2022

Quant Time: Jul 13 12:05:09 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG071222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 12 15:49:20 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.038  | 152  | 15850    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.847 | 136  | 58467    | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.672 | 164  | 47233    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.416 | 188  | 130925   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.687 | 240  | 161095   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 24.919 | 264  | 175159   | 20.000 | ng    | -0.01    |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.606  | 112  | 64200    | 81.378 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.204  | 99   | 85246    | 78.344 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.202  | 82   | 86388    | 80.182 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.158 | 330  | 84625    | 92.491 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.291 | 172  | 271226   | 84.374 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.024 | 244  | 670415   | 85.579 | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.485  | 88   | 12193    | 35.341 | ng    | # 92     |
| 3) Pyridine                   | 3.884  | 79   | 33967    | 39.419 | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.802  | 42   | 19402    | 44.568 | ng    | # 77     |
| 6) Aniline                    | 7.363  | 93   | 49872    | 38.991 | ng    | 97       |
| 8) 2-Chlorophenol             | 7.604  | 128  | 35740    | 40.419 | ng    | 91       |
| 9) Benzaldehyde               | 7.175  | 77   | 22229m   | 34.020 | ng    |          |
| 10) Phenol                    | 7.234  | 94   | 41955    | 38.217 | ng    | 93       |
| 11) bis(2-Chloroethyl)ether   | 7.457  | 93   | 30185    | 37.284 | ng    | 94       |
| 12) 1,3-Dichlorobenzene       | 7.933  | 146  | 44073    | 41.049 | ng    | 93       |
| 13) 1,4-Dichlorobenzene       | 8.080  | 146  | 44968    | 40.872 | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.397  | 146  | 42952    | 40.656 | ng    | 96       |
| 15) Benzyl Alcohol            | 8.279  | 79   | 35194    | 40.122 | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.561  | 45   | 38761    | 34.479 | ng    | 95       |
| 17) 2-Methylphenol            | 8.485  | 107  | 30571    | 38.975 | ng    | 96       |
| 18) Hexachloroethane          | 9.125  | 117  | 15343    | 40.987 | ng    | # 65     |
| 19) n-Nitroso-di-n-propyla... | 8.843  | 70   | 28042    | 37.749 | ng    | 94       |
| 20) 3+4-Methylphenols         | 8.814  | 107  | 42277    | 38.414 | ng    | 99       |
| 22) Acetophenone              | 8.861  | 105  | 57174    | 40.464 | ng    | # 98     |
| 24) Nitrobenzene              | 9.243  | 77   | 42993    | 40.591 | ng    | # 88     |
| 25) Isophorone                | 9.766  | 82   | 76535    | 39.269 | ng    | # 93     |
| 26) 2-Nitrophenol             | 9.960  | 139  | 22173    | 42.491 | ng    | # 84     |
| 27) 2,4-Dimethylphenol        | 10.018 | 122  | 29727    | 40.727 | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 10.248 | 93   | 38464    | 38.769 | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 10.500 | 162  | 44950    | 42.490 | ng    | 86       |
| 30) 1,2,4-Trichlorobenzene    | 10.712 | 180  | 57111    | 43.755 | ng    | 94       |
| 31) Naphthalene               | 10.900 | 128  | 119476   | 40.637 | ng    | 99       |
| 32) Benzoic acid              | 10.171 | 122  | 11997    | 36.550 | ng    | # 74     |
| 33) 4-Chloroaniline           | 11.006 | 127  | 48360    | 39.553 | ng    | 93       |
| 34) Hexachlorobutadiene       | 11.188 | 225  | 49726    | 45.914 | ng    | 96       |
| 35) Caprolactam               | 11.769 | 113  | 12146    | 40.315 | ng    | # 74     |
| 36) 4-Chloro-3-methylphenol   | 12.128 | 107  | 40921    | 40.205 | ng    | # 82     |
| 37) 2-Methylnaphthalene       | 12.504 | 142  | 91072    | 40.420 | ng    | 99       |
| 38) 1-Methylnaphthalene       | 12.721 | 142  | 89709    | 41.009 | ng    | 94       |
| 40) 1,2,4,5-Tetrachloroben... | 12.868 | 216  | 82284    | 42.917 | ng    | # 96     |
| 41) Hexachlorocyclopentadiene | 12.850 | 237  | 20245    | 40.858 | ng    | 91       |
| 43) 2,4,6-Trichlorophenol     | 13.109 | 196  | 47303    | 42.960 | ng    | 93       |

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 Sample : SSTDCCC040  
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
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Manual Integrations  
 APPROVED

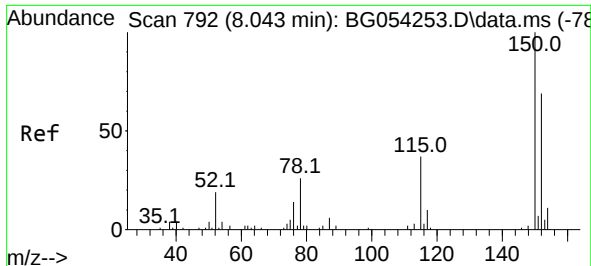
Reviewed By : Christian Giraldo 07/14/2022  
 Supervised By : Jagrut Upadhyay 07/14/2022

Quant Time: Jul 13 12:05:09 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG071222.M  
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 QLast Update : Tue Jul 12 15:49:20 2022  
 Response via : Initial Calibration

| Compound                       | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol      | 13.185 | 196  | 52971    | 43.980 | ng    | # 92     |
| 46) 1,1'-Biphenyl              | 13.503 | 154  | 130299   | 41.023 | ng    | 97       |
| 47) 2-Chloronaphthalene        | 13.550 | 162  | 108391   | 40.821 | ng    | 96       |
| 48) 2-Nitroaniline             | 13.749 | 65   | 30573    | 40.682 | ng    | 93       |
| 49) Acenaphthylene             | 14.396 | 152  | 165170   | 41.004 | ng    | 99       |
| 50) Dimethylphthalate          | 14.120 | 163  | 154752   | 41.729 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.243 | 165  | 33604    | 41.689 | ng    | # 72     |
| 52) Acenaphthene               | 14.731 | 154  | 101552   | 41.681 | ng    | 96       |
| 53) 3-Nitroaniline             | 14.572 | 138  | 28525    | 39.923 | ng    | 93       |
| 54) 2,4-Dinitrophenol          | 14.783 | 184  | 15466    | 38.054 | ng    | # 81     |
| 55) Dibenzofuran               | 15.066 | 168  | 178455   | 41.700 | ng    | 95       |
| 56) 4-Nitrophenol              | 14.889 | 139  | 20126    | 43.845 | ng    | 97       |
| 57) 2,4-Dinitrotoluene         | 15.030 | 165  | 49073    | 42.044 | ng    | # 86     |
| 58) Fluorene                   | 15.718 | 166  | 147653   | 41.533 | ng    | 94       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.301 | 232  | 52959    | 43.900 | ng    | # 87     |
| 60) Diethylphthalate           | 15.477 | 149  | 148793   | 41.137 | ng    | 96       |
| 61) 4-Chlorophenyl-phenylether | 15.706 | 204  | 97994    | 43.394 | ng    | # 87     |
| 62) 4-Nitroaniline             | 15.729 | 138  | 31165    | 41.761 | ng    | 89       |
| 63) Azobenzene                 | 16.000 | 77   | 107362   | 39.386 | ng    | 82       |
| 65) 4,6-Dinitro-2-methylph...  | 15.800 | 198  | 33642    | 43.679 | ng    | 73       |
| 66) n-Nitrosodiphenylamine     | 15.917 | 169  | 134281   | 40.662 | ng    | 96       |
| 67) 4-Bromophenyl-phenylether  | 16.599 | 248  | 74790    | 42.829 | ng    | # 89     |
| 68) Hexachlorobenzene          | 16.728 | 284  | 84859    | 42.575 | ng    | # 90     |
| 69) Atrazine                   | 16.863 | 200  | 62952    | 43.162 | ng    | 96       |
| 70) Pentachlorophenol          | 17.069 | 266  | 34812    | 40.850 | ng    | 90       |
| 71) Phenanthrene               | 17.457 | 178  | 268537   | 41.003 | ng    | 98       |
| 72) Anthracene                 | 17.551 | 178  | 266931   | 41.618 | ng    | 98       |
| 73) Carbazole                  | 17.815 | 167  | 225309   | 41.482 | ng    | 97       |
| 74) Di-n-butylphthalate        | 18.368 | 149  | 262528   | 40.818 | ng    | # 98     |
| 75) Fluoranthene               | 19.466 | 202  | 376740   | 42.299 | ng    | 96       |
| 77) Benzidine                  | 19.642 | 184  | 118948   | 42.062 | ng    | 98       |
| 78) Pyrene                     | 19.831 | 202  | 381637   | 41.163 | ng    | 98       |
| 80) Butylbenzylphthalate       | 20.706 | 149  | 119743   | 39.860 | ng    | # 86     |
| 81) Benzo(a)anthracene         | 21.670 | 228  | 422877   | 41.497 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.581 | 252  | 132109   | 42.416 | ng    | # 99     |
| 83) Chrysene                   | 21.734 | 228  | 401539   | 41.661 | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha...  | 21.570 | 149  | 168431   | 39.517 | ng    | # 91     |
| 85) Di-n-octyl phthalate       | 22.780 | 149  | 289840   | 39.500 | ng    | # 93     |
| 87) Indeno(1,2,3-cd)pyrene     | 28.638 | 276  | 548494   | 41.625 | ng    | # 99     |
| 88) Benzo(b)fluoranthene       | 23.896 | 252  | 431690   | 41.562 | ng    | # 98     |
| 89) Benzo(k)fluoranthene       | 23.967 | 252  | 420954   | 40.852 | ng    | # 98     |
| 90) Benzo(a)pyrene             | 24.778 | 252  | 365525   | 41.129 | ng    | # 99     |
| 91) Dibenzo(a,h)anthracene     | 28.685 | 278  | 449791   | 41.667 | ng    | # 96     |
| 92) Benzo(g,h,i)perylene       | 29.801 | 276  | 446542   | 41.473 | ng    | # 93     |

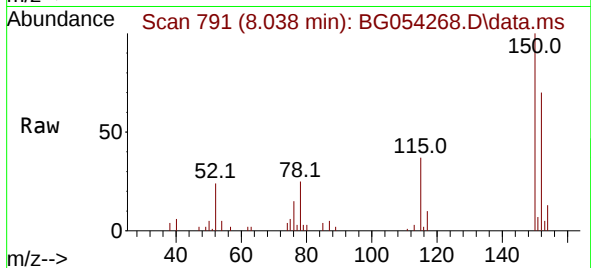
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.038 min Scan# 792  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

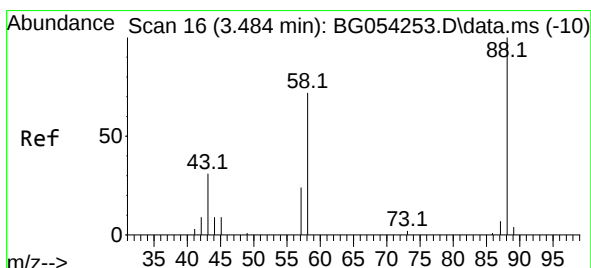
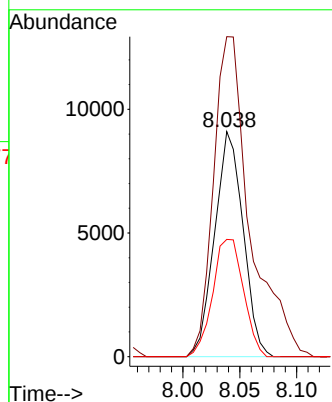
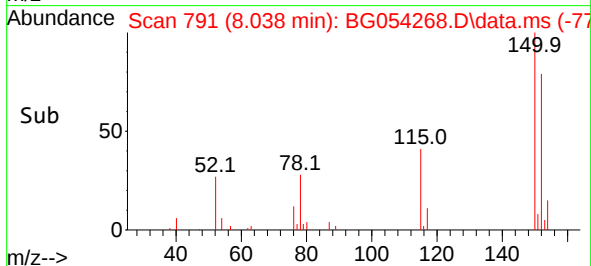
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:152 Resp: 15850  
Ion Ratio Lower Upper  
152 100  
150 142.2 131.6 197.4  
115 52.1 50.9 76.3

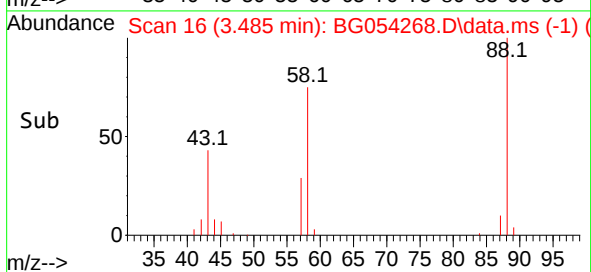
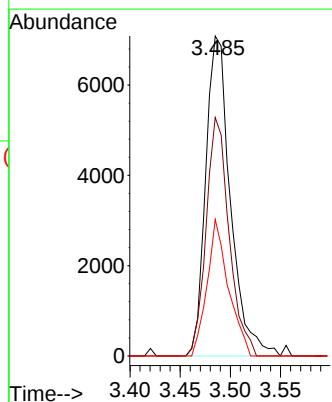
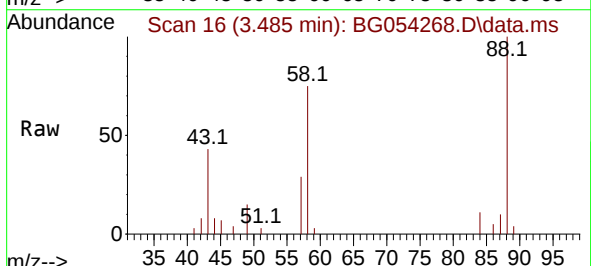
Manual Integrations  
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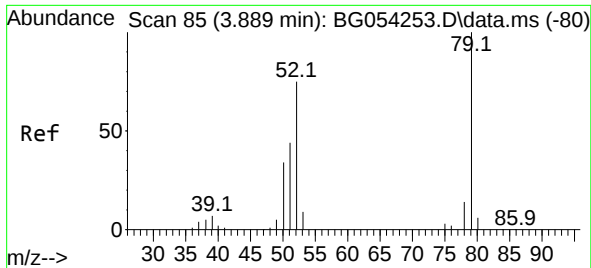
Reviewed By :Christian Giraldo 07/14/2022  
Supervised By :Jagrut Upadhyay 07/14/2022



#2  
1,4-Dioxane  
Concen: 35.341 ng  
RT: 3.485 min Scan# 16  
Delta R.T. 0.001 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

Tgt Ion: 88 Resp: 12193  
Ion Ratio Lower Upper  
88 100  
58 69.1 59.2 88.8  
43 36.8 24.3 36.5





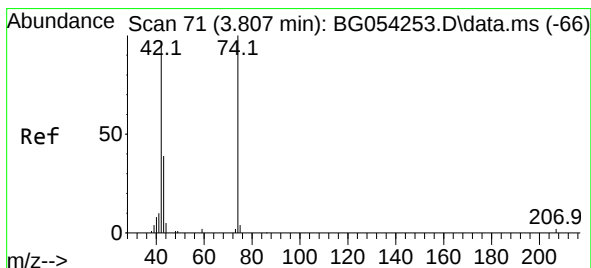
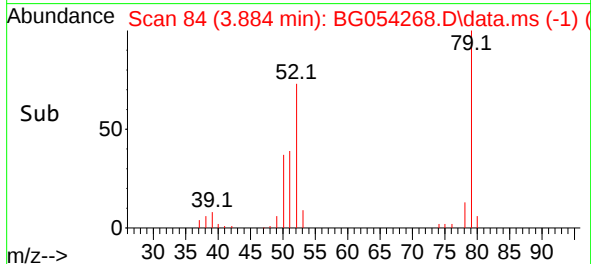
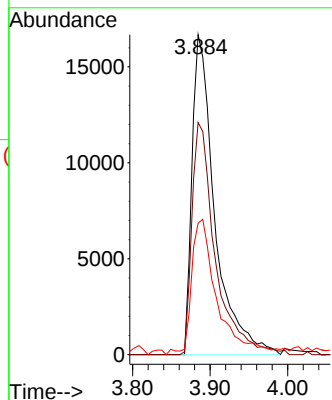
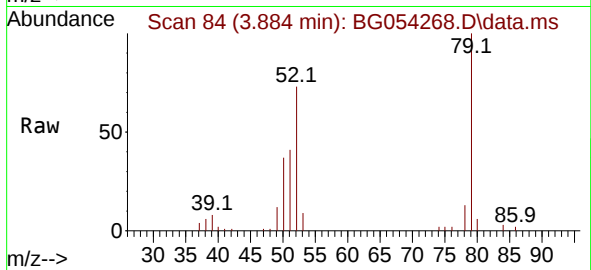
#3  
Pyridine  
Concen: 39.419 ng  
RT: 3.884 min Scan# 84  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

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ClientSampleId :  
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Tgt Ion: 79 Resp: 3396  
Ion Ratio Lower Upper  
79 100  
52 72.6 54.6 81.8  
51 41.1 32.5 48.7

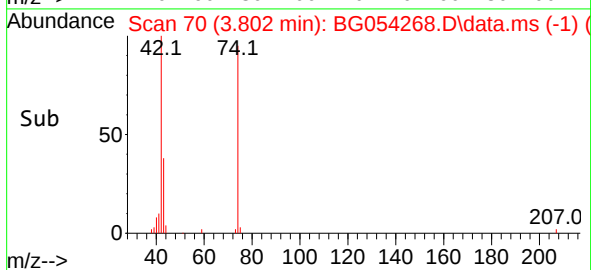
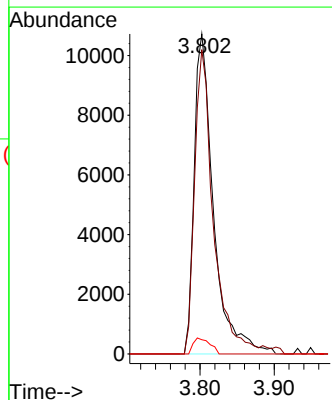
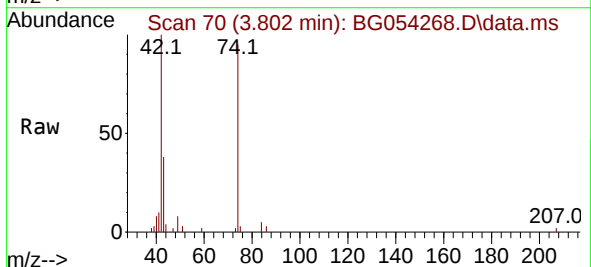
Manual Integrations  
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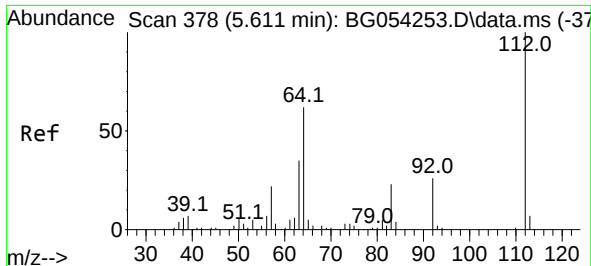
Reviewed By :Christian Giraldo 07/14/2022  
Supervised By :Jagrut Upadhyay 07/14/2022



#4  
n-Nitrosodimethylamine  
Concen: 44.568 ng  
RT: 3.802 min Scan# 70  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

Tgt Ion: 42 Resp: 19402  
Ion Ratio Lower Upper  
42 100  
74 95.1 97.0 145.4#  
44 4.5 7.0 10.4#





#5  
2-Fluorophenol  
Concen: 81.378 ng  
RT: 5.606 min Scan# 31  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

Instrument :

BNA\_G

ClientSampleId :

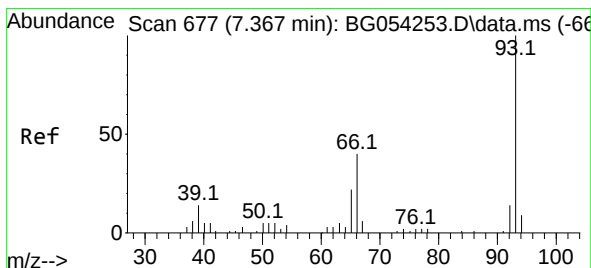
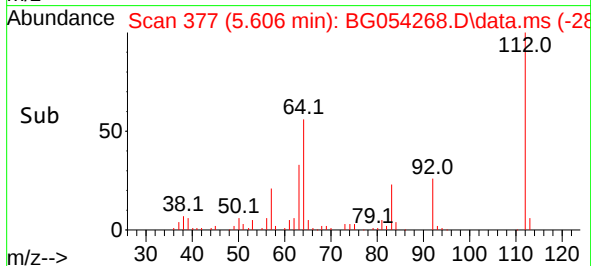
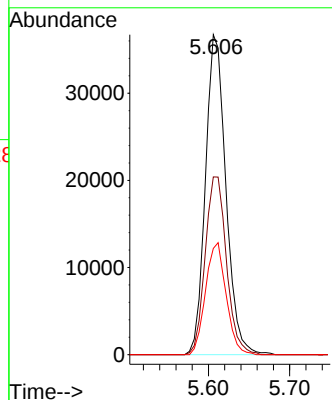
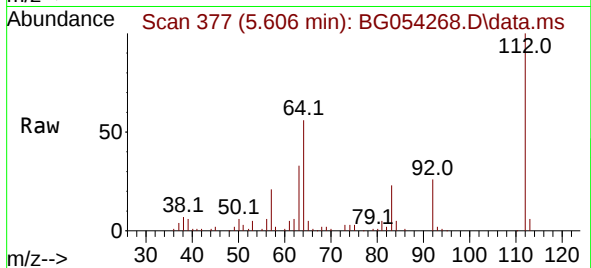
SSTDCCC040

Tgt Ion:112 Resp: 64200  
Ion Ratio Lower Upper  
112 100  
64 55.5 55.1 82.7  
63 33.2 30.4 45.6

Manual Integrations

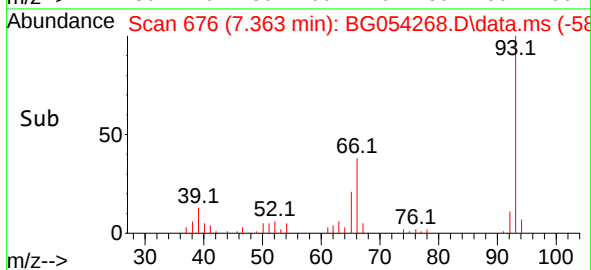
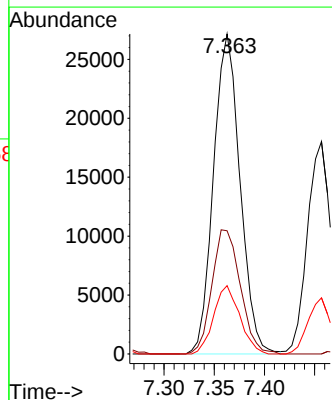
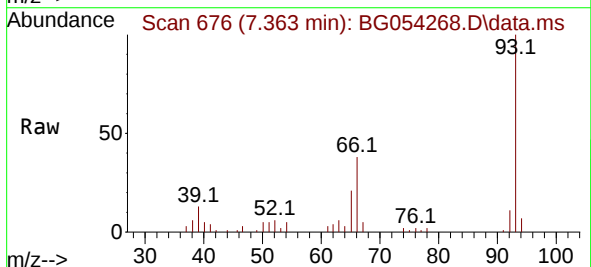
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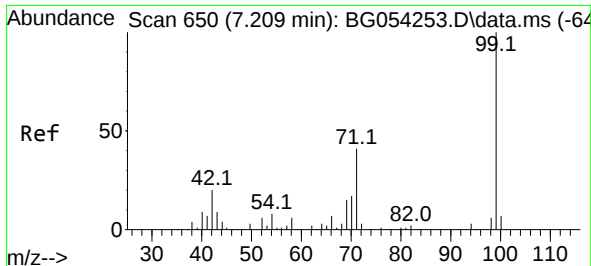
Reviewed By :Christian Giraldo 07/14/2022  
Supervised By :Jagrut Upadhyay 07/14/2022



#6  
Aniline  
Concen: 38.991 ng  
RT: 7.363 min Scan# 676  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

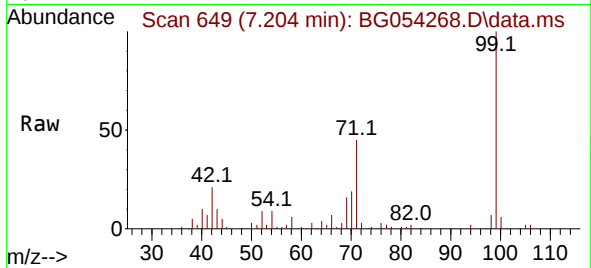
Tgt Ion: 93 Resp: 49872  
Ion Ratio Lower Upper  
93 100  
66 38.5 32.9 49.3  
65 21.3 17.8 26.8





#7  
Phenol-d6  
Concen: 78.344 ng  
RT: 7.204 min Scan# 649  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

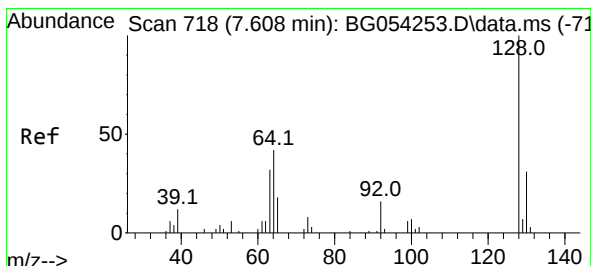
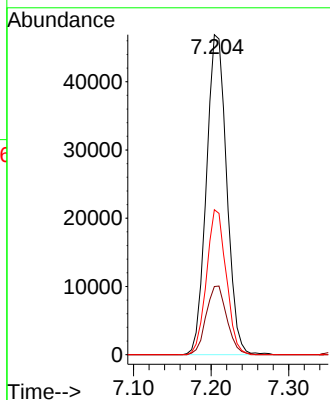
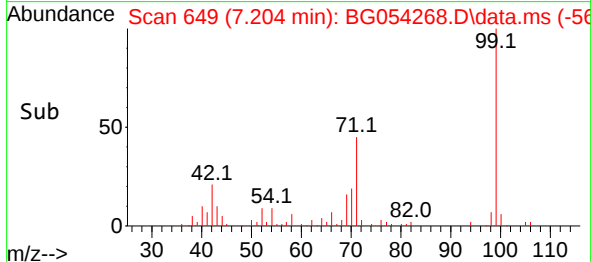
Instrument :  
BNA\_G  
ClientSampleId :  
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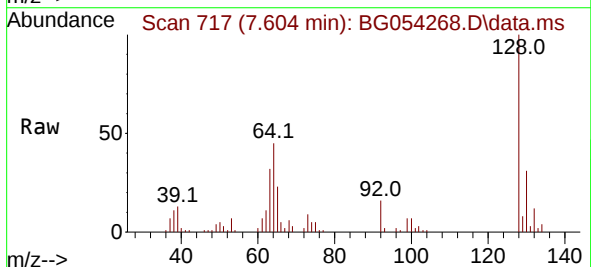
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Ion Ratio Lower Upper  
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42 21.3 17.0 25.6  
71 45.3 33.8 50.8

Manual Integrations  
APPROVED

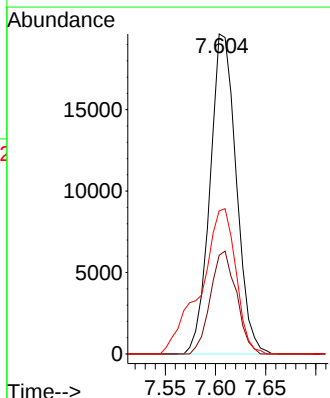
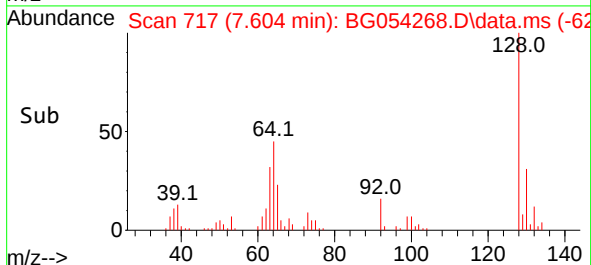
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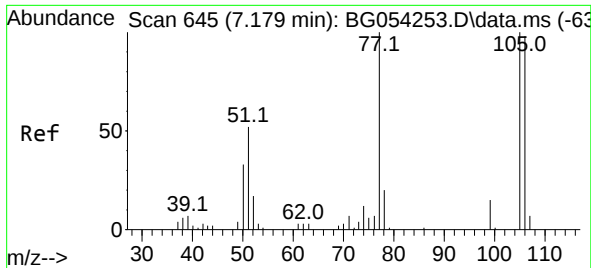


#8  
2-Chlorophenol  
Concen: 40.419 ng  
RT: 7.604 min Scan# 717  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09



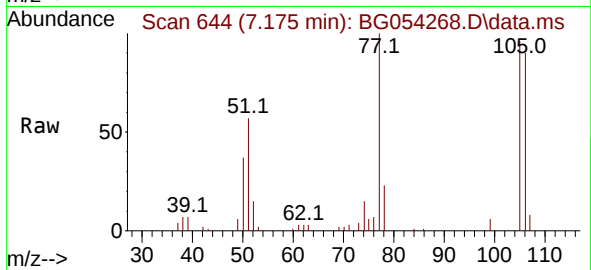
Tgt Ion:128 Resp: 35740  
Ion Ratio Lower Upper  
128 100  
130 30.9 10.5 50.5  
64 44.7 35.1 75.1





#9  
Benzaldehyde  
Concen: 34.020 ng m  
RT: 7.175 min Scan# 64  
Delta R.T. -0.004 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

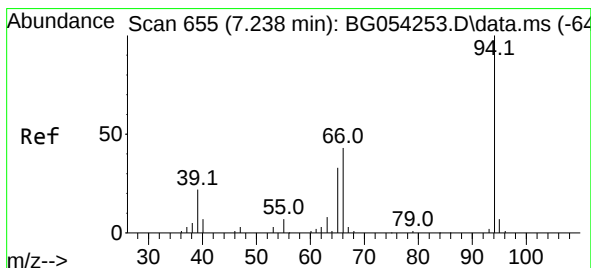
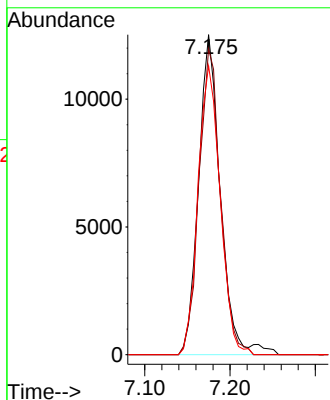
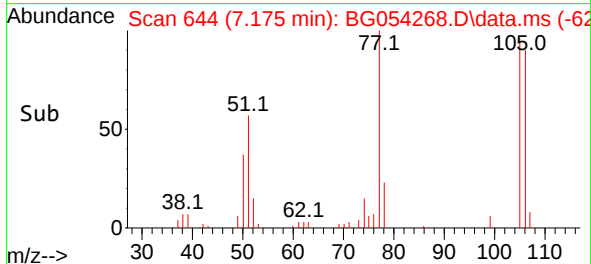
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion: 77 Resp: 22229  
Ion Ratio Lower Upper  
77 100  
105 95.6 59.6 99.6  
106 90.3 56.8 96.8

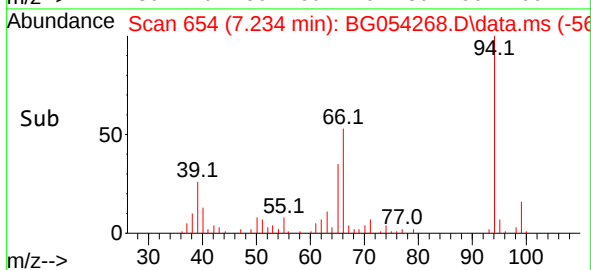
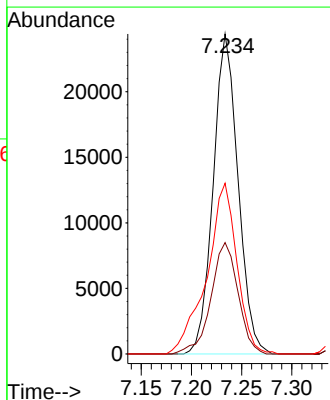
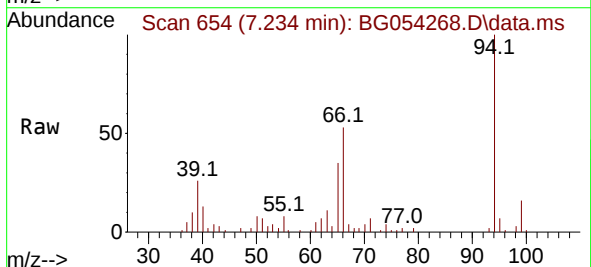
Manual Integrations  
APPROVED

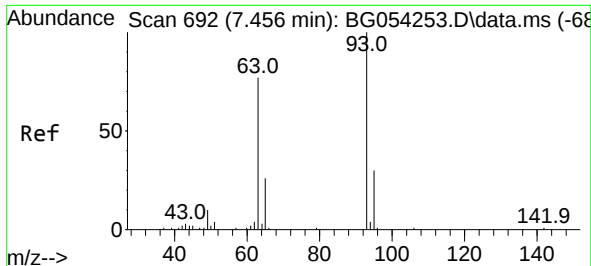
Reviewed By :Christian Giraldo 07/14/2022  
Supervised By :Jagrut Upadhyay 07/14/2022



#10  
Phenol  
Concen: 38.217 ng  
RT: 7.234 min Scan# 654  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

Tgt Ion: 94 Resp: 41955  
Ion Ratio Lower Upper  
94 100  
65 34.8 14.8 54.8  
66 53.3 25.2 65.2





#11  
bis(2-Chloroethyl)ether  
Concen: 37.284 ng  
RT: 7.457 min Scan# 692  
Delta R.T. 0.001 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

Instrument :

BNA\_G

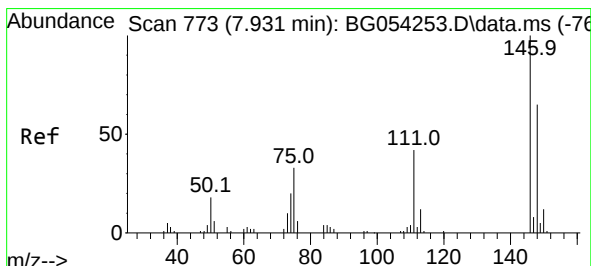
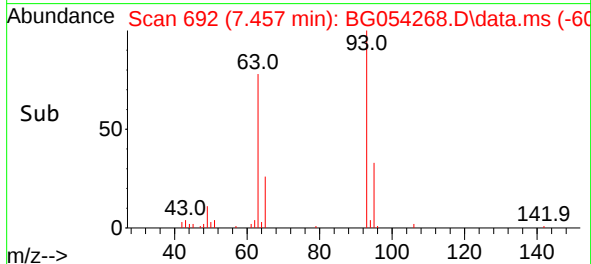
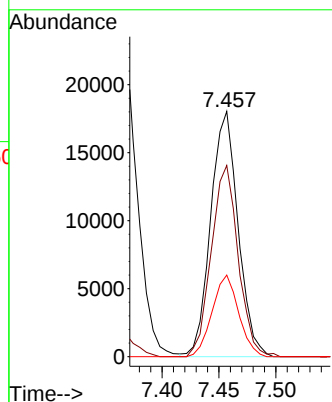
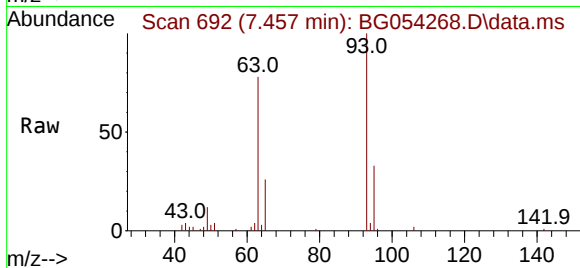
ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 3018  
Ion Ratio Lower Upper  
93 100  
63 78.0 63.6 103.6  
95 33.3 10.1 50.1

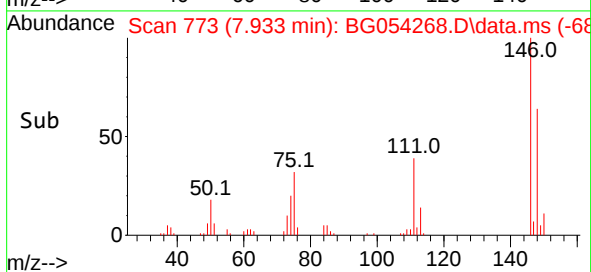
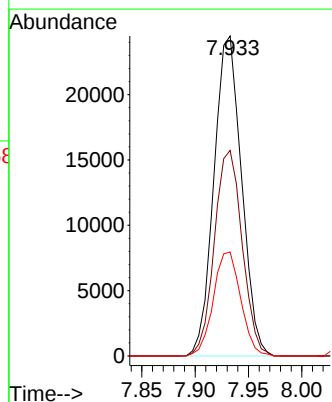
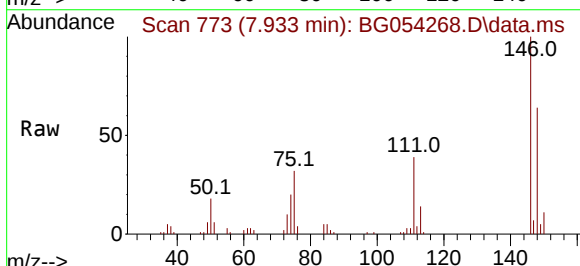
Manual Integrations  
APPROVED

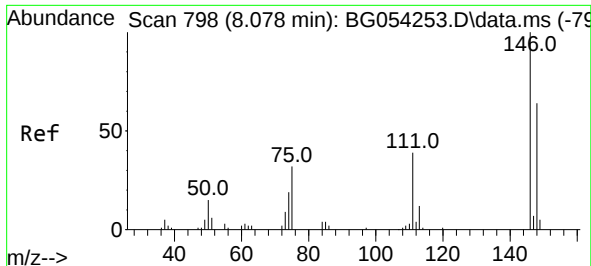
Reviewed By :Christian Giraldo 07/14/2022  
Supervised By :Jagrut Upadhyay 07/14/2022



#12  
1,3-Dichlorobenzene  
Concen: 41.049 ng  
RT: 7.933 min Scan# 773  
Delta R.T. 0.001 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

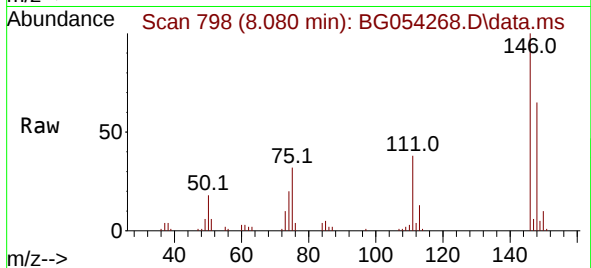
Tgt Ion:146 Resp: 44073  
Ion Ratio Lower Upper  
146 100  
148 64.3 46.1 69.1  
75 32.5 27.6 41.4





#13  
1,4-Dichlorobenzene  
Concen: 40.872 ng  
RT: 8.080 min Scan# 798  
Delta R.T. 0.001 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

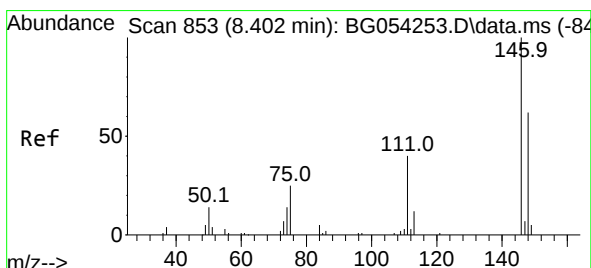
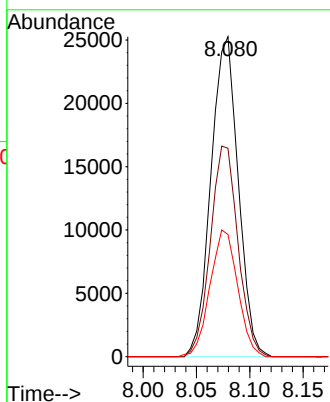
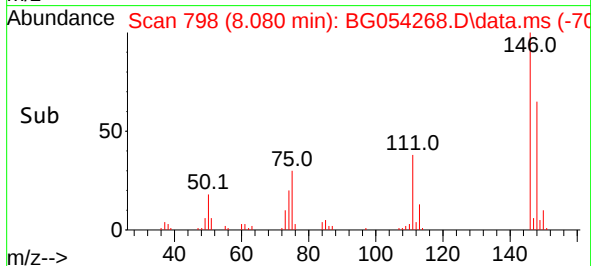
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



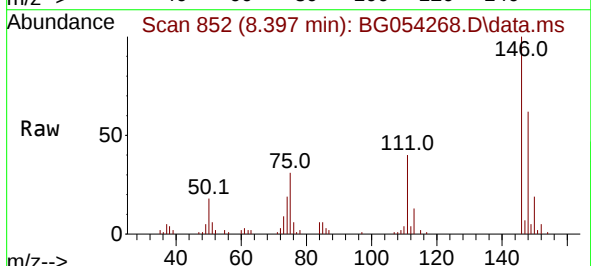
Tgt Ion:146 Resp: 44968  
Ion Ratio Lower Upper  
146 100  
148 65.1 51.5 77.3  
111 38.2 33.9 50.9

Manual Integrations  
APPROVED

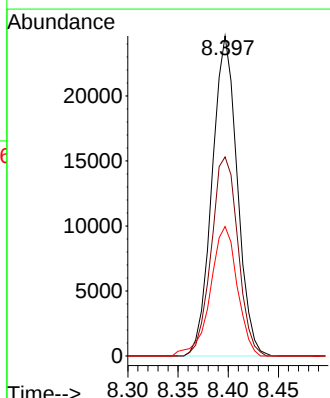
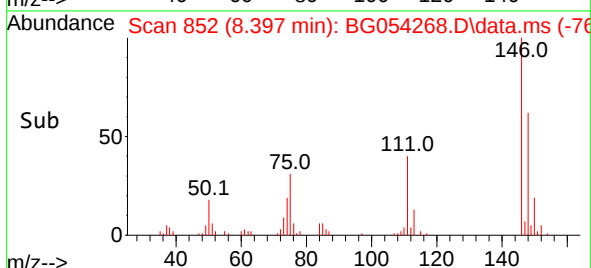
Reviewed By :Christian Giraldo 07/14/2022  
Supervised By :Jagrut Upadhyay 07/14/2022

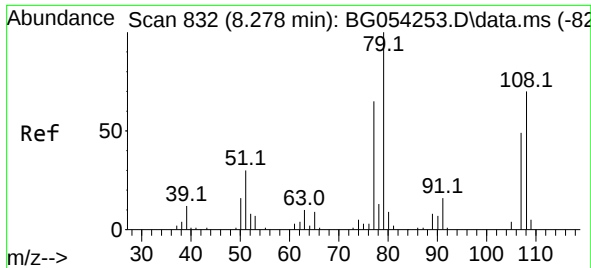


#14  
1,2-Dichlorobenzene  
Concen: 40.656 ng  
RT: 8.397 min Scan# 852  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09



Tgt Ion:146 Resp: 42952  
Ion Ratio Lower Upper  
146 100  
148 62.2 52.6 78.8  
111 40.5 34.5 51.7





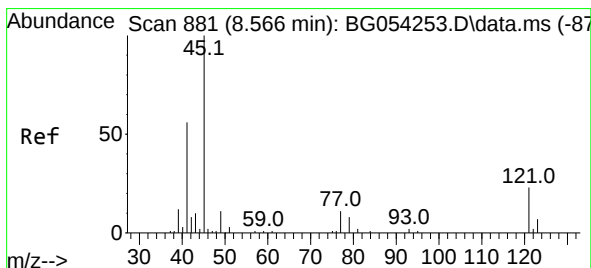
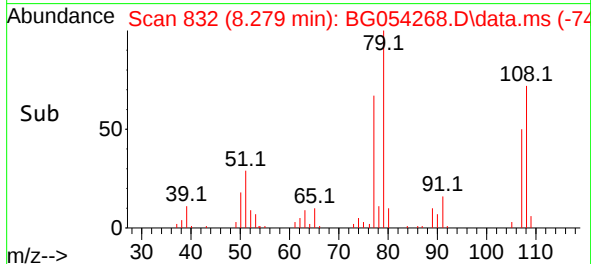
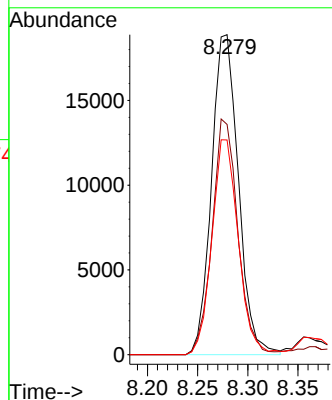
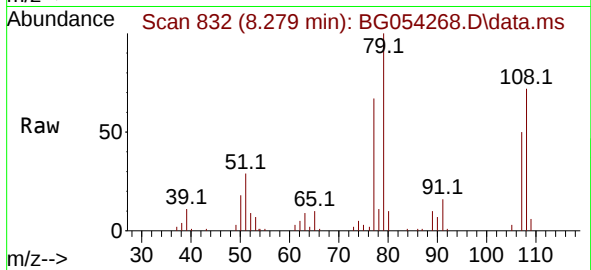
#15  
Benzyl Alcohol  
Concen: 40.122 ng  
RT: 8.279 min Scan# 81  
Delta R.T. 0.001 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 79 Resp: 35194  
Ion Ratio Lower Upper  
79 100  
108 71.9 53.7 80.5  
77 67.1 52.2 78.4

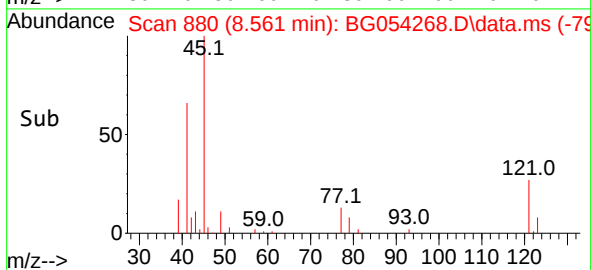
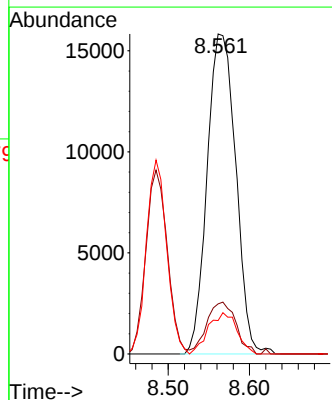
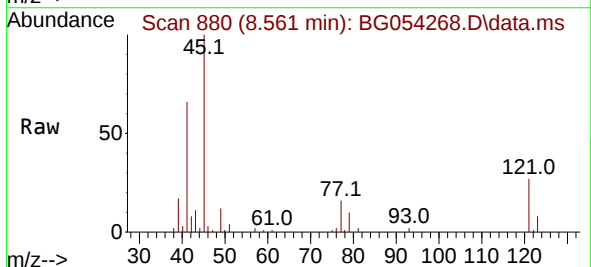
Manual Integrations  
APPROVED

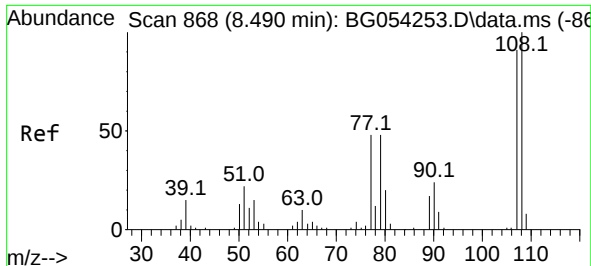
Reviewed By :Christian Giraldo 07/14/2022  
Supervised By :Jagrut Upadhyay 07/14/2022



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 34.479 ng  
RT: 8.561 min Scan# 880  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

Tgt Ion: 45 Resp: 38761  
Ion Ratio Lower Upper  
45 100  
77 15.6 0.0 32.7  
79 10.4 0.0 29.7





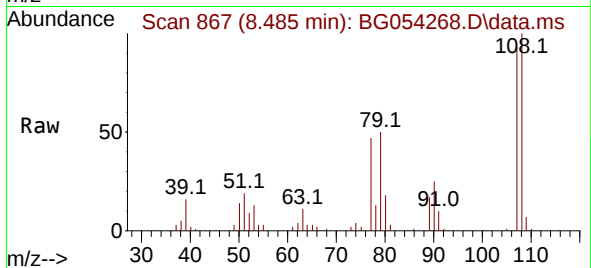
#17  
2-Methylphenol  
Concen: 38.975 ng  
RT: 8.485 min Scan# 80  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

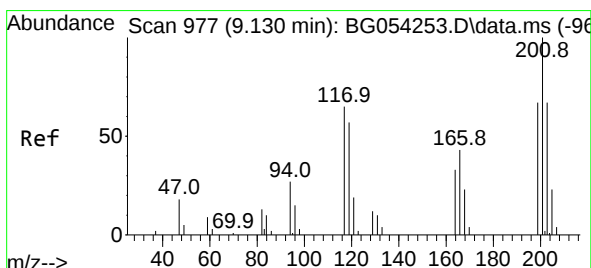
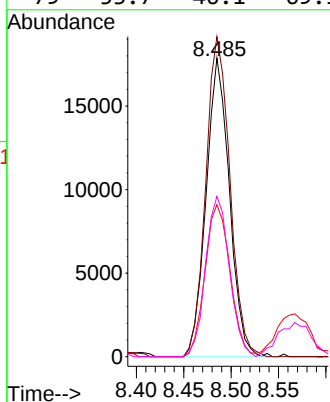
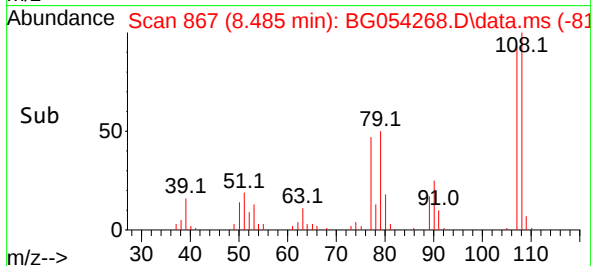


Tgt Ion:107 Resp: 3057  
Ion Ratio Lower Upper  
107 100  
108 107.2 85.4 128.0  
77 50.9 46.2 69.2  
79 53.7 46.1 69.1

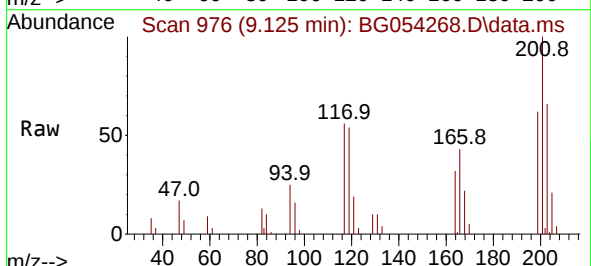
Manual Integrations

APPROVED

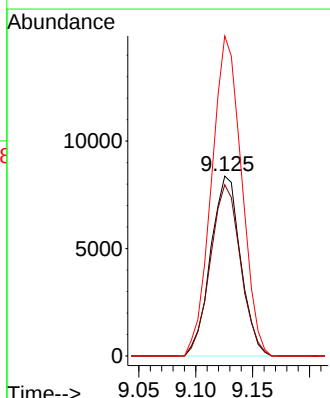
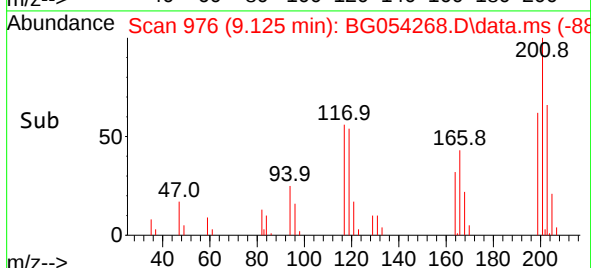
Reviewed By :Christian Giraldo 07/14/2022  
Supervised By :Jagrut Upadhyay 07/14/2022

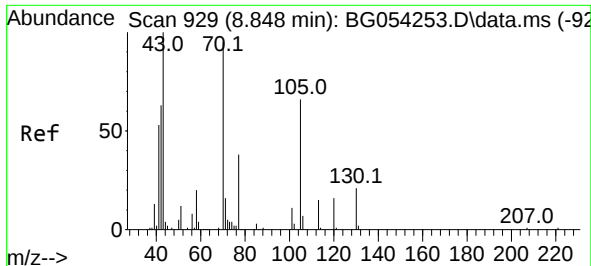


#18  
Hexachloroethane  
Concen: 40.987 ng  
RT: 9.125 min Scan# 976  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09



Tgt Ion:117 Resp: 15343  
Ion Ratio Lower Upper  
117 100  
119 95.2 75.0 112.6  
201 177.9 89.0 133.6#





#19  
n-Nitroso-di-n-propylamine  
Concen: 37.749 ng  
RT: 8.843 min Scan# 91  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

Instrument :

BNA\_G

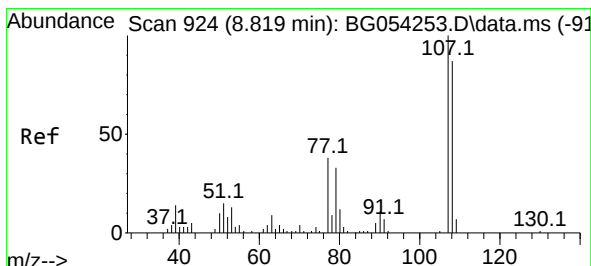
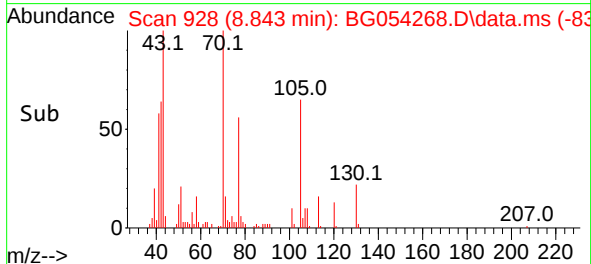
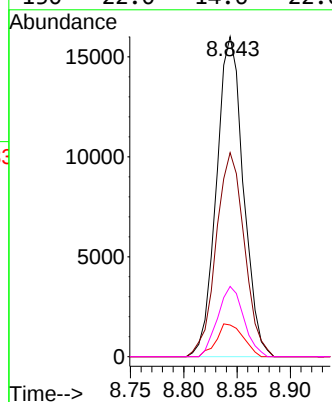
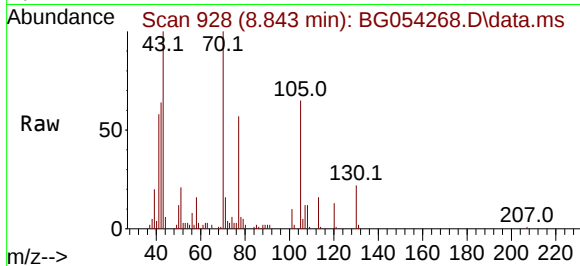
ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 2804  
Ion Ratio Lower Upper  
70 100  
42 63.8 47.3 70.9  
101 9.9 7.0 10.4  
130 22.0 14.6 22.0

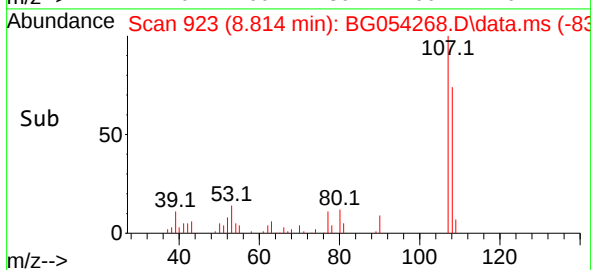
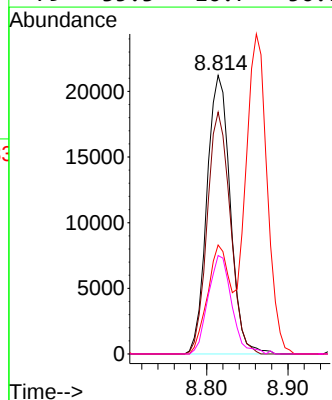
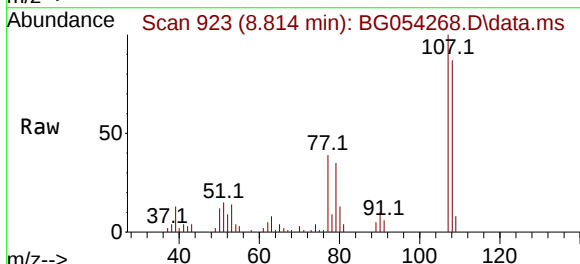
Manual Integrations  
APPROVED

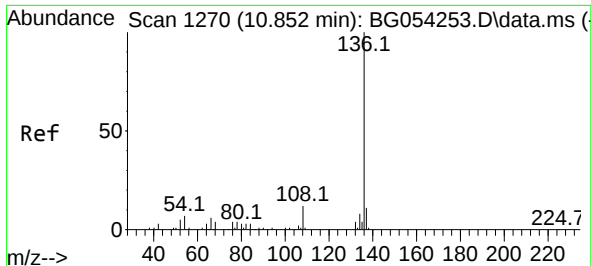
Reviewed By :Christian Giraldo 07/14/2022  
Supervised By :Jagrut Upadhyay 07/14/2022



#20  
3+4-Methylphenols  
Concen: 38.414 ng  
RT: 8.814 min Scan# 923  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

Tgt Ion:107 Resp: 42277  
Ion Ratio Lower Upper  
107 100  
108 86.8 67.5 107.5  
77 39.1 20.3 60.3  
79 35.3 16.7 56.7





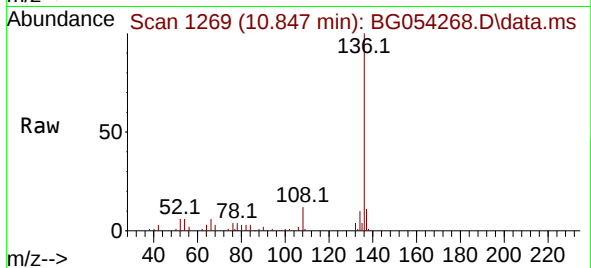
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.847 min Scan# 1269  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

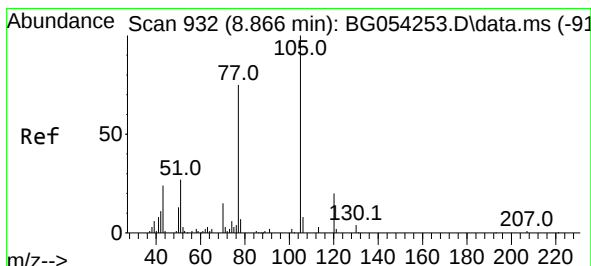
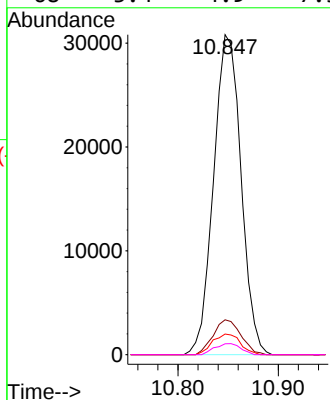
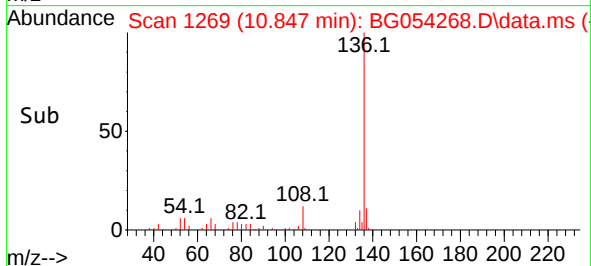


Tgt Ion:136 Resp: 5846  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.5 12.7  
54 6.5 7.4 11.2  
68 3.4 4.9 7.3#

Manual Integrations

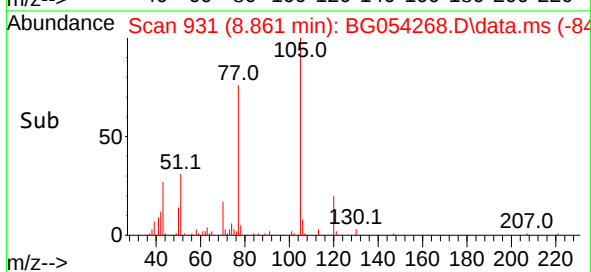
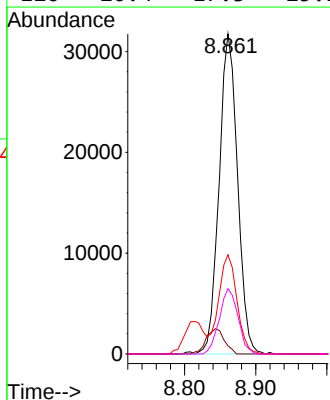
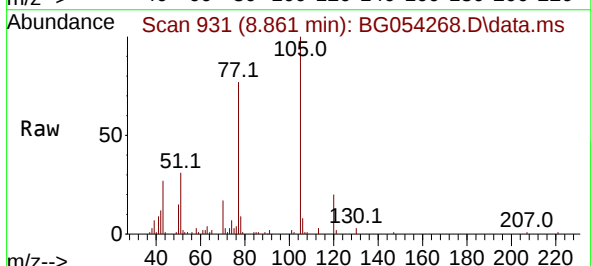
APPROVED

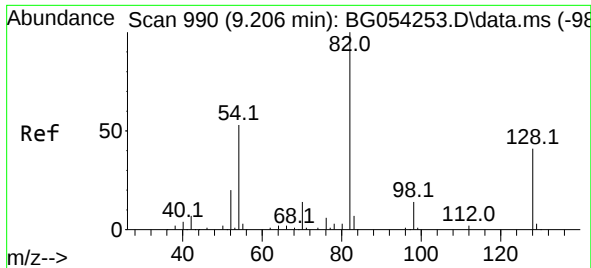
Reviewed By :Christian Giraldo 07/14/2022  
Supervised By :Jagrut Upadhyay 07/14/2022



#22  
Acetophenone  
Concen: 40.464 ng  
RT: 8.861 min Scan# 931  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

Tgt Ion:105 Resp: 57174  
Ion Ratio Lower Upper  
105 100  
71 2.6 1.1 1.7#  
51 31.0 25.4 38.0  
120 20.4 17.3 25.9





#23  
Nitrobenzene-d5  
Concen: 80.182 ng  
RT: 9.202 min Scan# 91  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

Instrument :

BNA\_G

ClientSampleId :

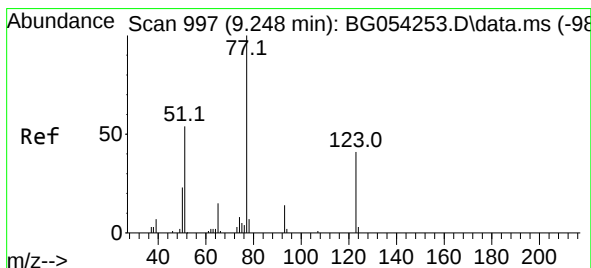
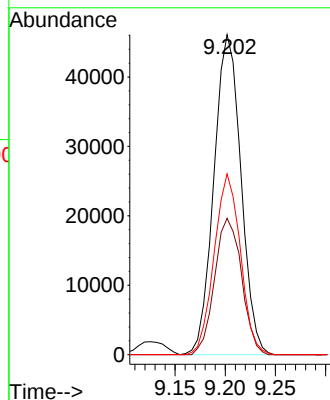
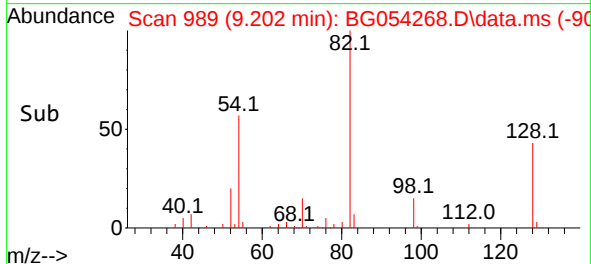
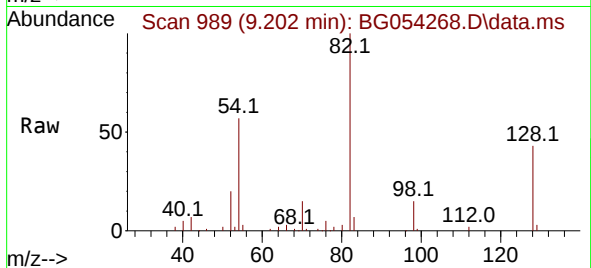
SSTDCCC040

Tgt Ion: 82 Resp: 8638  
Ion Ratio Lower Upper  
82 100  
128 42.6 27.9 41.9  
54 56.5 41.2 61.8

Manual Integrations

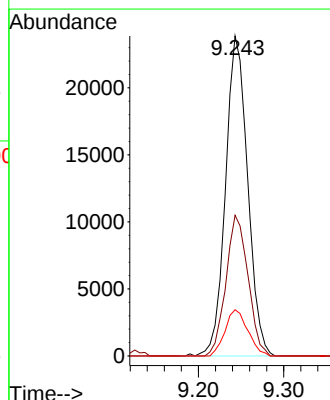
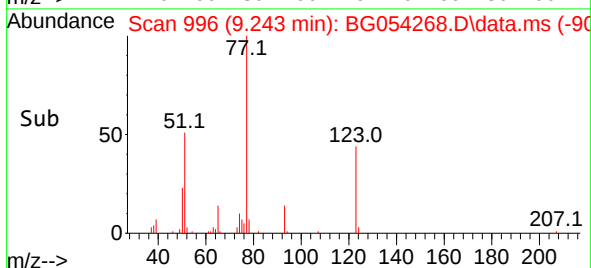
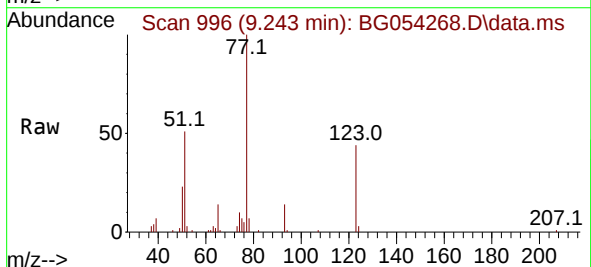
APPROVED

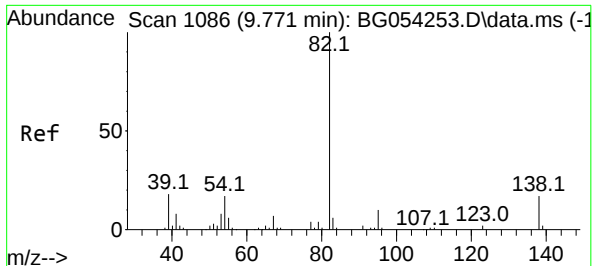
Reviewed By :Christian Giraldo 07/14/2022  
Supervised By :Jagrut Upadhyay 07/14/2022



#24  
Nitrobenzene  
Concen: 40.591 ng  
RT: 9.243 min Scan# 996  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

Tgt Ion: 77 Resp: 42993  
Ion Ratio Lower Upper  
77 100  
123 44.0 27.4 41.0  
65 14.5 11.4 17.0





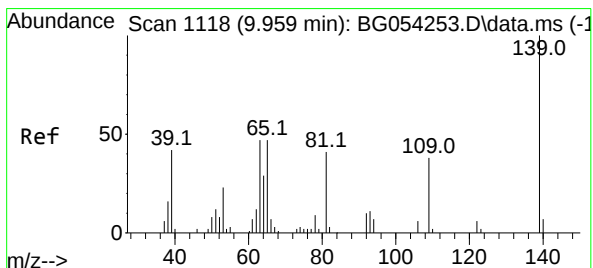
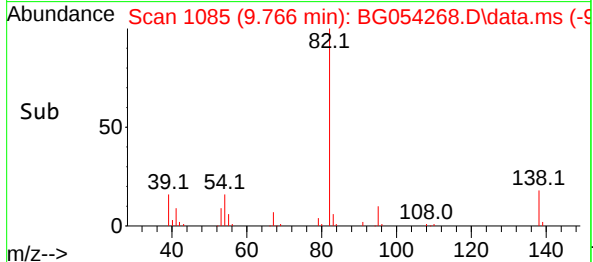
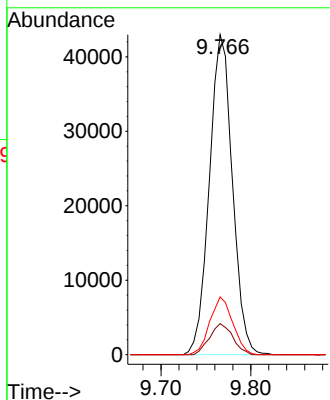
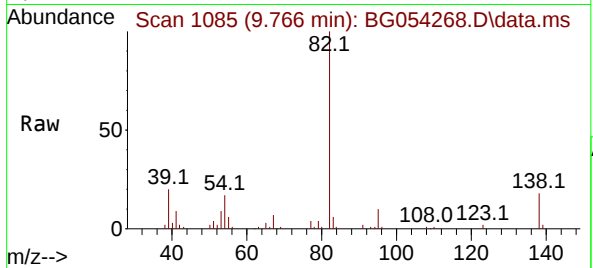
#25  
Isophorone  
Concen: 39.269 ng  
RT: 9.766 min Scan# 1086  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 82 Resp: 7653  
Ion Ratio Lower Upper  
82 100  
95 9.7 6.2 9.4  
138 18.0 11.6 17.4

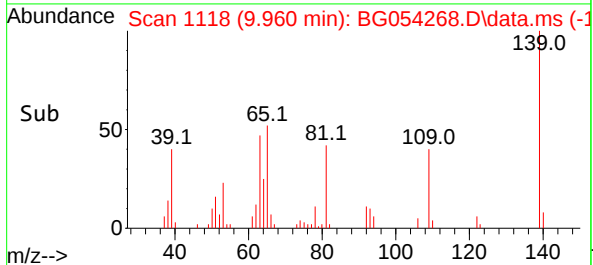
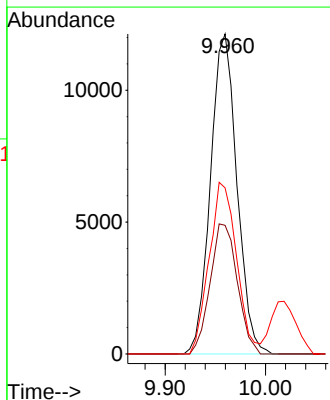
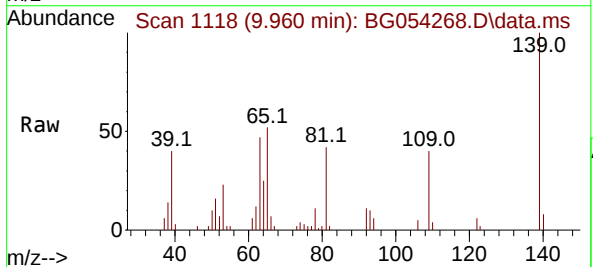
Manual Integrations  
APPROVED

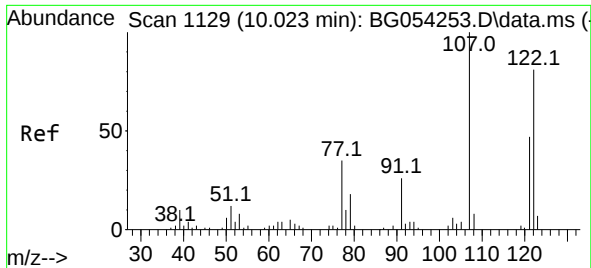
Reviewed By :Christian Giraldo 07/14/2022  
Supervised By :Jagrut Upadhyay 07/14/2022



#26  
2-Nitrophenol  
Concen: 42.491 ng  
RT: 9.960 min Scan# 1118  
Delta R.T. 0.001 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

Tgt Ion:139 Resp: 22173  
Ion Ratio Lower Upper  
139 100  
109 40.2 36.1 54.1  
65 51.9 55.8 83.6





#27  
2,4-Dimethylphenol  
Concen: 40.727 ng  
RT: 10.018 min Scan# 1128  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

Instrument :

BNA\_G

ClientSampleId :

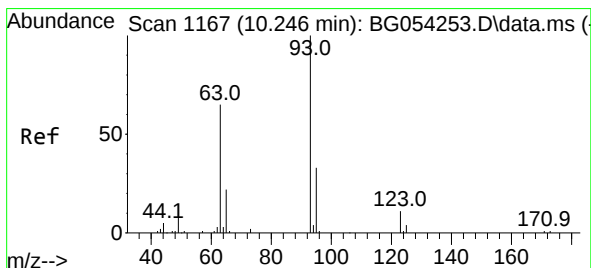
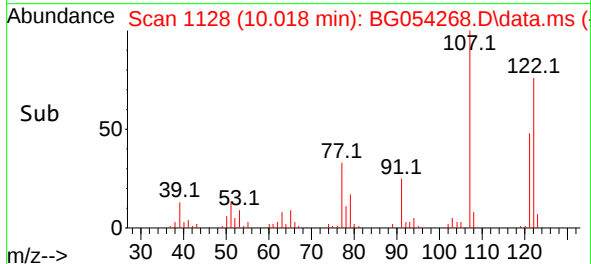
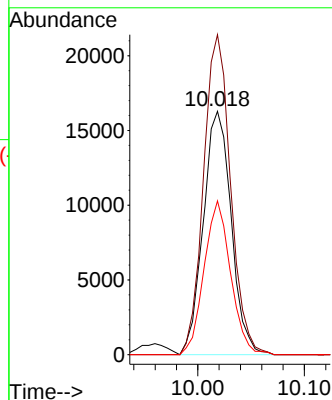
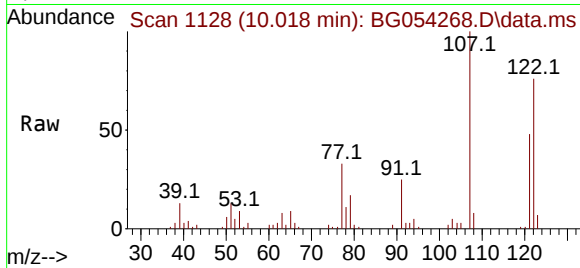
SSTDCCC040

Tgt Ion:122 Resp: 2972  
Ion Ratio Lower Upper  
122 100  
107 131.5 109.4 164.0  
121 63.2 48.7 73.1

Manual Integrations

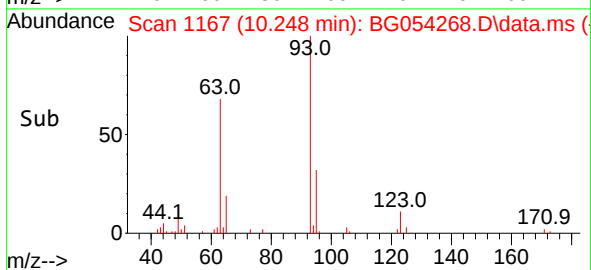
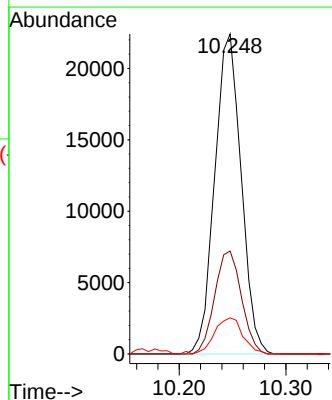
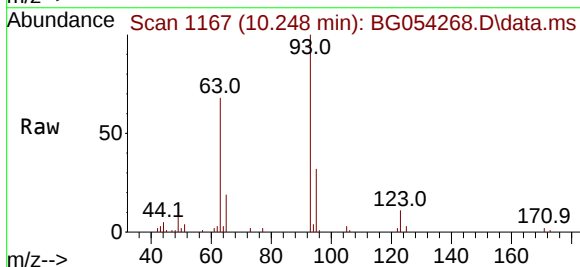
APPROVED

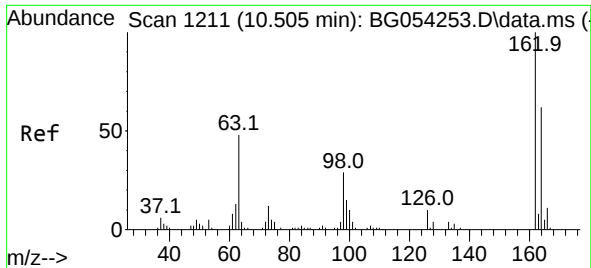
Reviewed By :Christian Giraldo 07/14/2022  
Supervised By :Jagrut Upadhyay 07/14/2022



#28  
bis(2-Chloroethoxy)methane  
Concen: 38.769 ng  
RT: 10.248 min Scan# 1167  
Delta R.T. 0.001 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

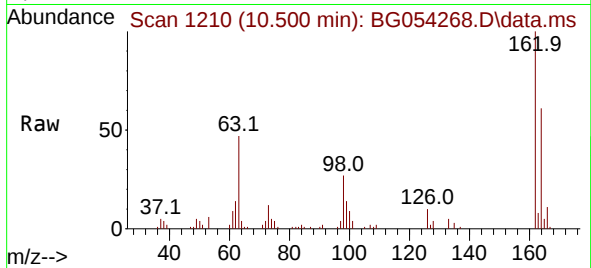
Tgt Ion: 93 Resp: 38464  
Ion Ratio Lower Upper  
93 100  
95 32.2 26.9 40.3  
123 11.3 7.7 11.5





#29  
2,4-Dichlorophenol  
Concen: 42.490 ng  
RT: 10.500 min Scan# 1211  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

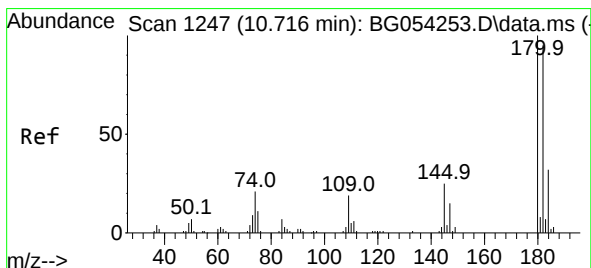
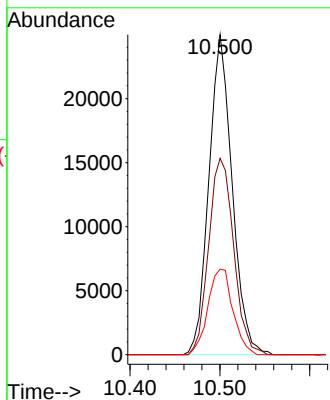
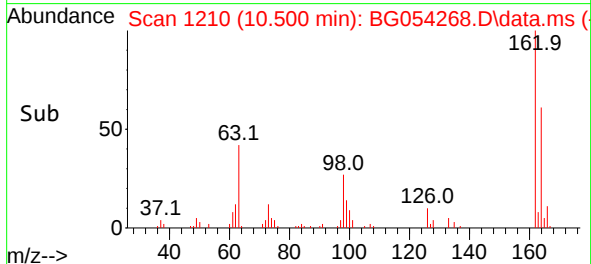
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



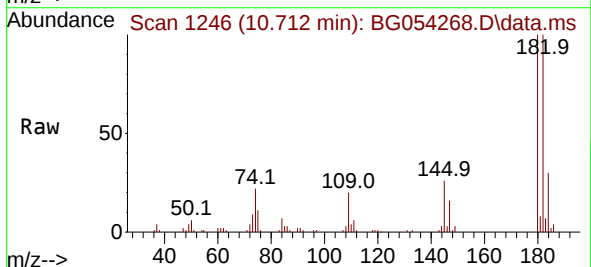
Tgt Ion:162 Resp: 44950  
Ion Ratio Lower Upper  
162 100  
164 61.3 46.6 86.6  
98 26.8 22.8 62.8

Manual Integrations  
APPROVED

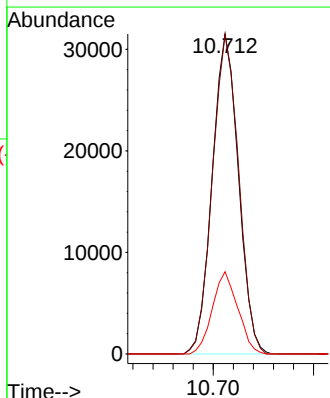
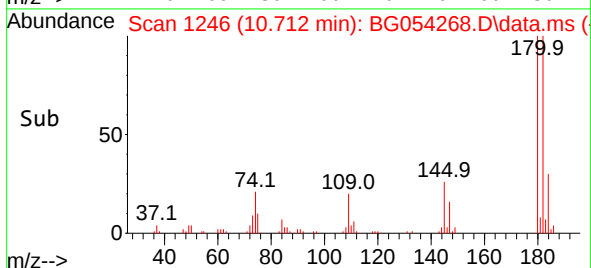
Reviewed By :Christian Giraldo 07/14/2022  
Supervised By :Jagrut Upadhyay 07/14/2022

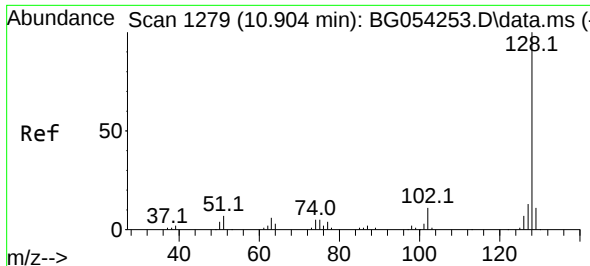


#30  
1,2,4-Trichlorobenzene  
Concen: 43.755 ng  
RT: 10.712 min Scan# 1246  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09



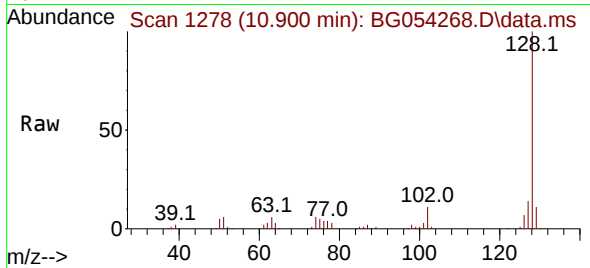
Tgt Ion:180 Resp: 57111  
Ion Ratio Lower Upper  
180 100  
182 99.7 76.6 115.0  
145 25.7 25.0 37.4





#31  
Naphthalene  
Concen: 40.637 ng  
RT: 10.900 min Scan# 119470  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

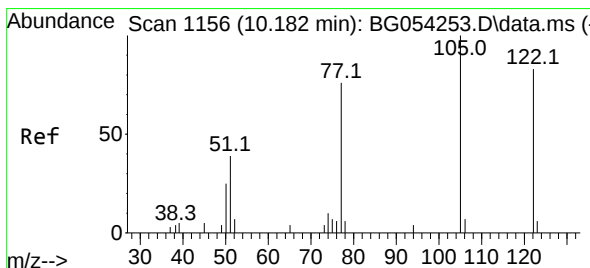
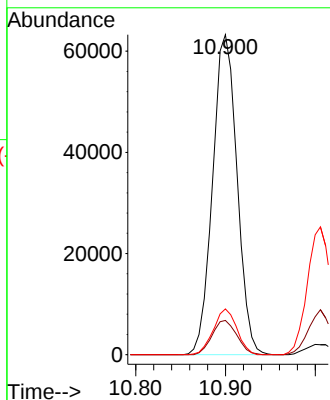
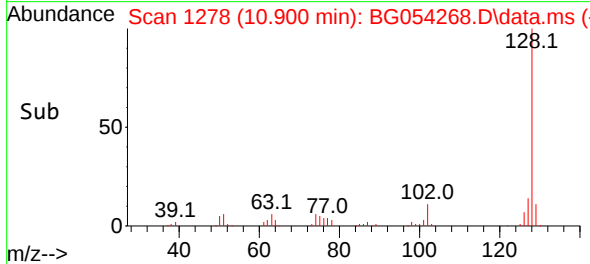
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



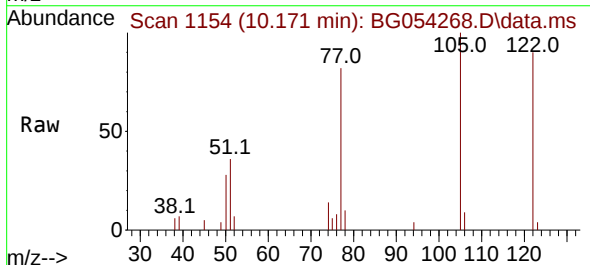
Tgt Ion:128 Resp: 119470  
Ion Ratio Lower Upper  
128 100  
129 10.7 9.0 13.6  
127 14.3 11.1 16.7

Manual Integrations  
APPROVED

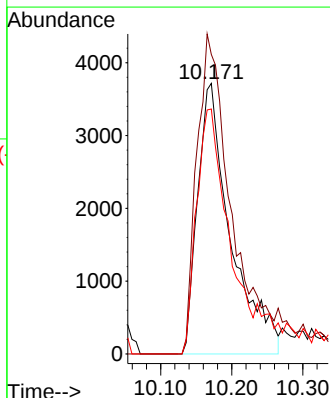
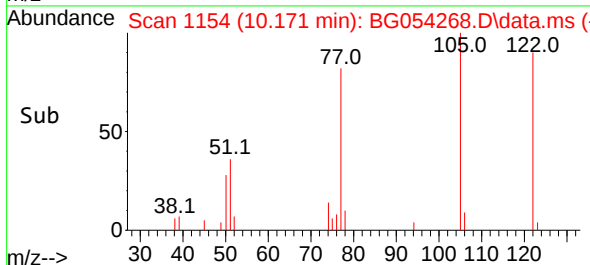
Reviewed By :Christian Giraldo 07/14/2022  
Supervised By :Jagrut Upadhyay 07/14/2022

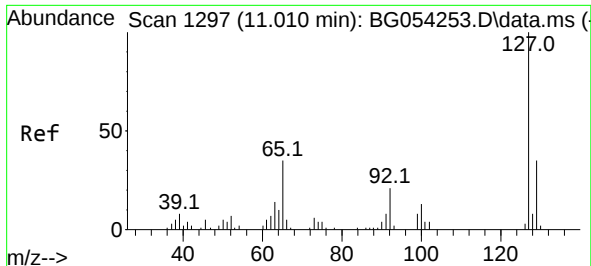


#32  
Benzoic acid  
Concen: 36.550 ng  
RT: 10.171 min Scan# 1154  
Delta R.T. -0.011 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09



Tgt Ion:122 Resp: 11997  
Ion Ratio Lower Upper  
122 100  
105 110.7 111.8 151.8#  
77 90.6 109.4 149.4#





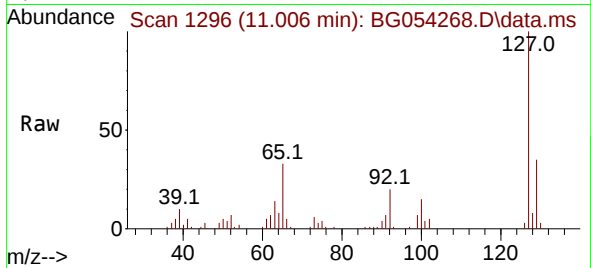
#33  
4-Chloroaniline  
Concen: 39.553 ng  
RT: 11.006 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

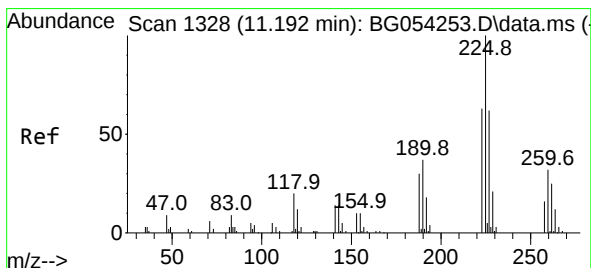
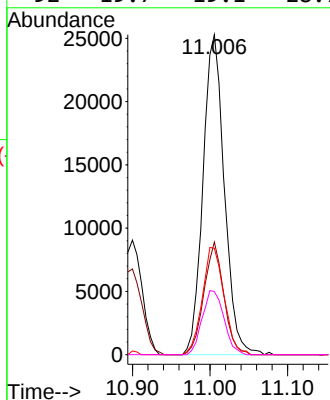
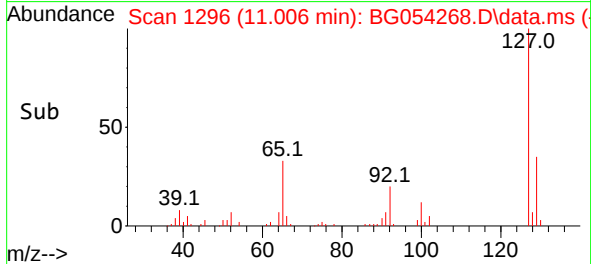


|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 48360 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 35.2  | 26.3  | 39.5  |
| 65        | 33.3  | 31.1  | 46.7  |
| 92        | 19.7  | 19.1  | 28.7  |

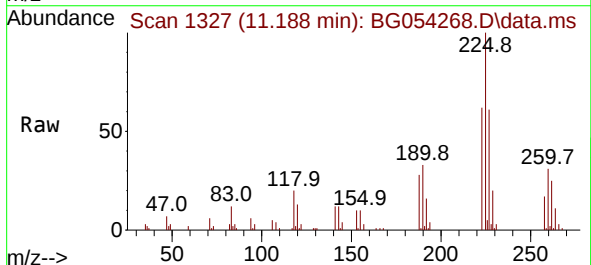
Manual Integrations

APPROVED

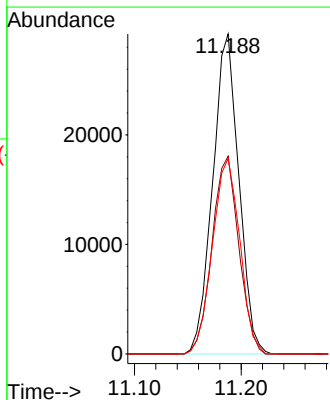
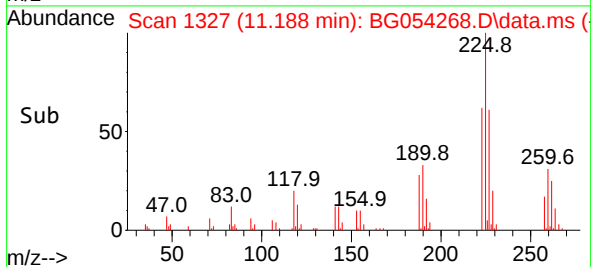
Reviewed By :Christian Giraldo 07/14/2022  
Supervised By :Jagrut Upadhyay 07/14/2022

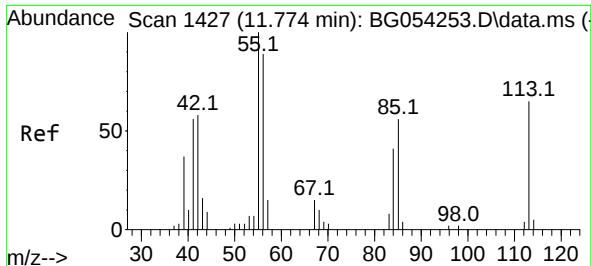


#34  
Hexachlorobutadiene  
Concen: 45.914 ng  
RT: 11.188 min Scan# 1327  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 49726 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 61.8  | 48.9  | 73.3  |
| 227       | 61.0  | 52.8  | 79.2  |





#35  
Caprolactam  
Concen: 40.315 ng  
RT: 11.769 min Scan# 1426  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

Instrument :

BNA\_G

ClientSampleId :

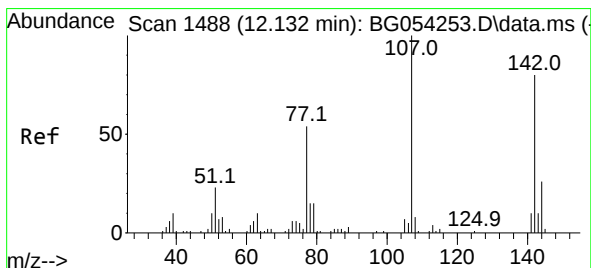
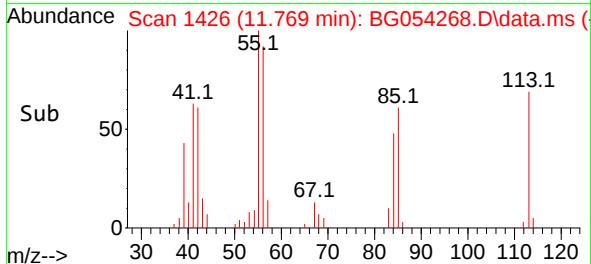
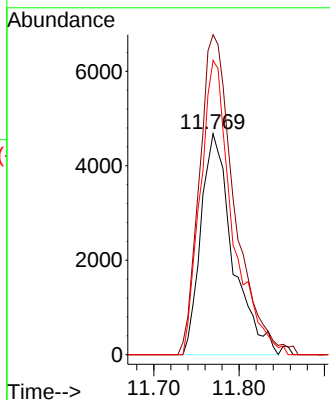
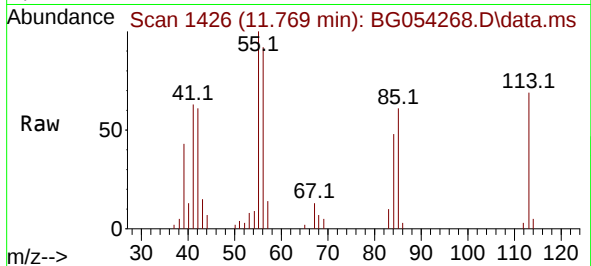
SSTDCCC040

Tgt Ion:113 Resp: 12140  
Ion Ratio Lower Upper  
113 100  
55 144.8 169.8 209.8#  
56 133.1 141.2 181.2#

Manual Integrations

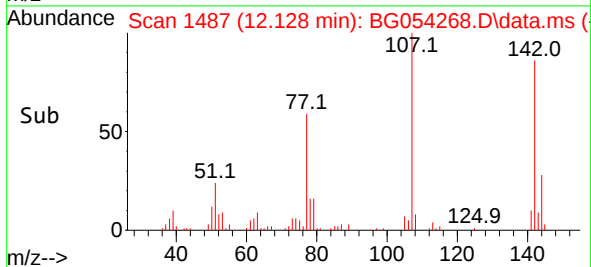
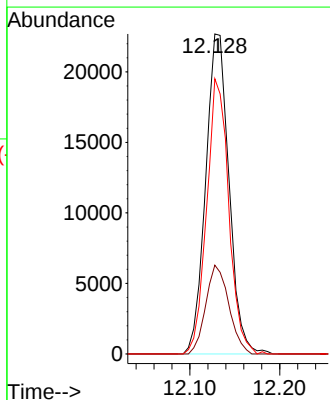
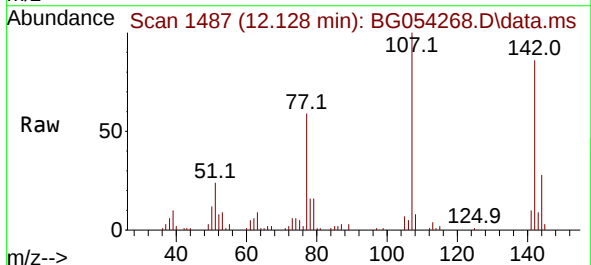
APPROVED

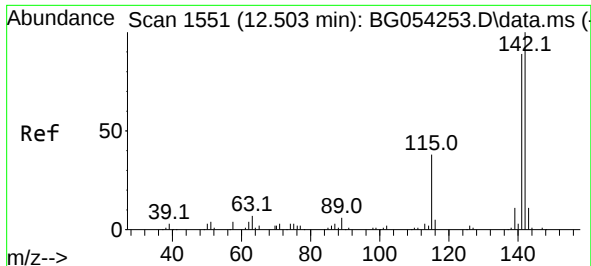
Reviewed By :Christian Giraldo 07/14/2022  
Supervised By :Jagrut Upadhyay 07/14/2022



#36  
4-Chloro-3-methylphenol  
Concen: 40.205 ng  
RT: 12.128 min Scan# 1487  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

Tgt Ion:107 Resp: 40921  
Ion Ratio Lower Upper  
107 100  
144 27.7 18.5 27.7#  
142 86.0 55.0 82.4#





#37  
2-Methylnaphthalene  
Concen: 40.420 ng  
RT: 12.504 min Scan# 1551  
Delta R.T. 0.001 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

Instrument :

BNA\_G

ClientSampleId :

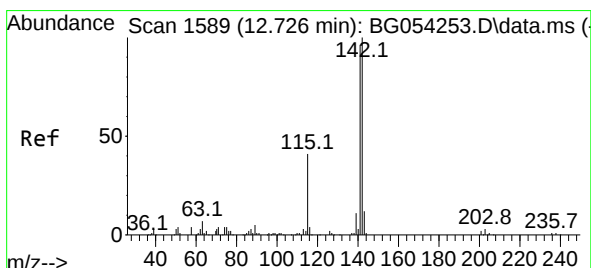
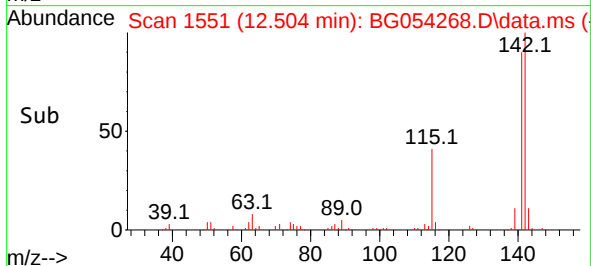
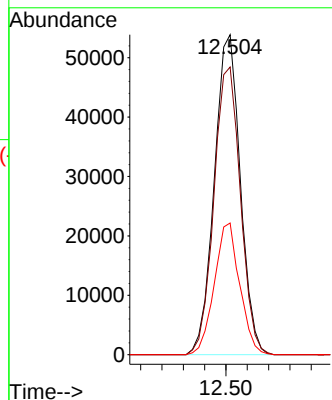
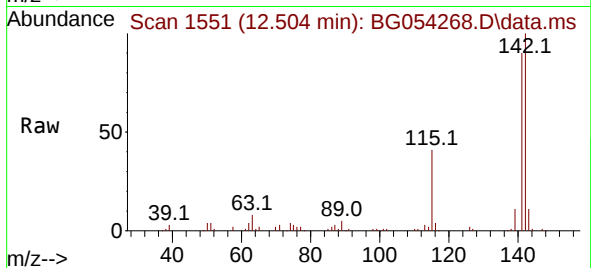
SSTDCCC040

Tgt Ion:142 Resp: 91072  
Ion Ratio Lower Upper  
142 100  
141 89.9 72.3 108.5  
115 41.1 33.7 50.5

Manual Integrations

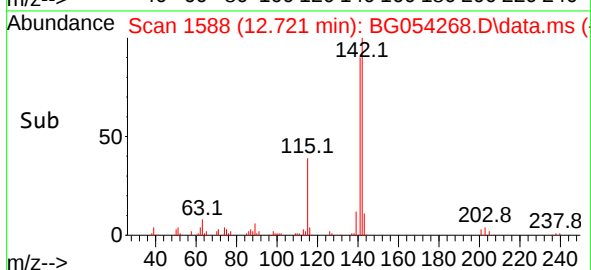
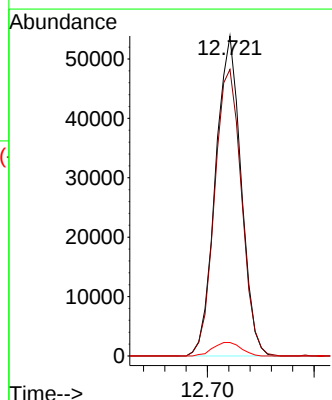
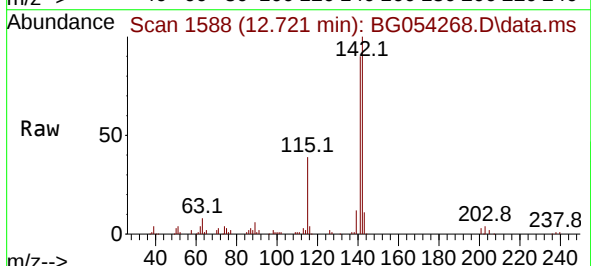
APPROVED

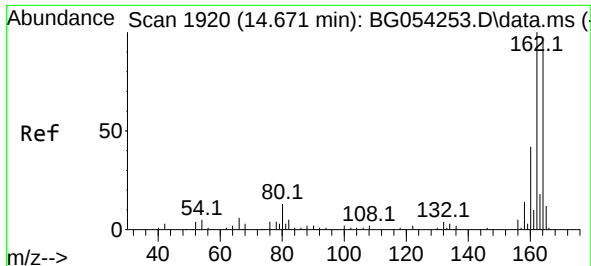
Reviewed By :Christian Giraldo 07/14/2022  
Supervised By :Jagrut Upadhyay 07/14/2022



#38  
1-Methylnaphthalene  
Concen: 41.009 ng  
RT: 12.721 min Scan# 1588  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

Tgt Ion:142 Resp: 89709  
Ion Ratio Lower Upper  
142 100  
141 89.5 76.4 114.6  
116 4.2 3.3 4.9





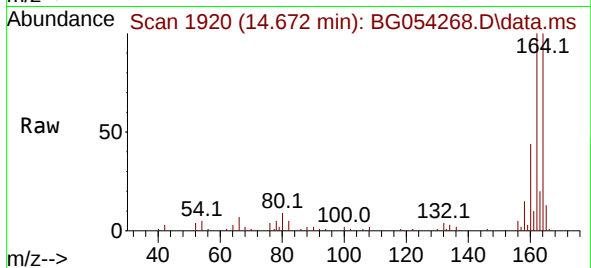
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Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.672 min Scan# 1920  
Delta R.T. 0.001 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

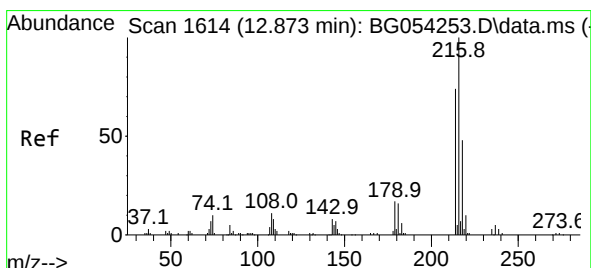
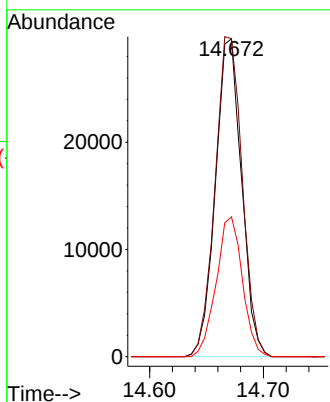
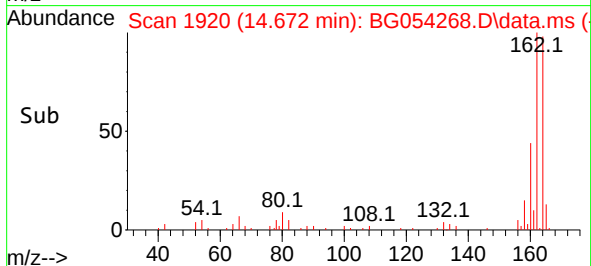


Tgt Ion:164 Resp: 47238  
Ion Ratio Lower Upper  
164 100  
162 100.0 82.3 123.5  
160 44.0 34.2 51.2

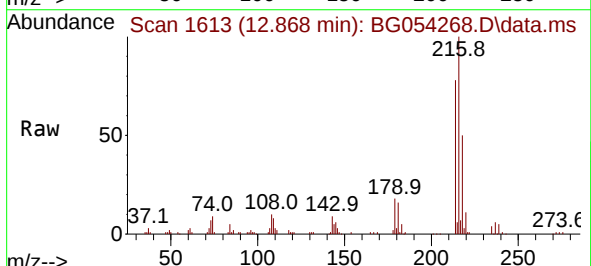
Manual Integrations

APPROVED

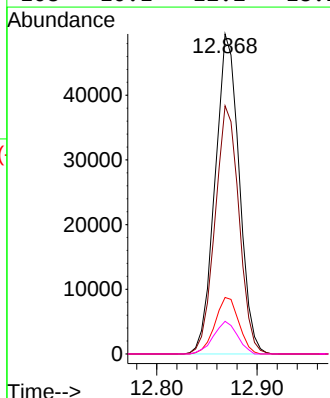
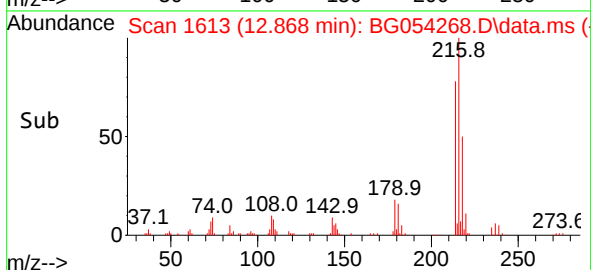
Reviewed By :Christian Giraldo 07/14/2022  
Supervised By :Jagrut Upadhyay 07/14/2022

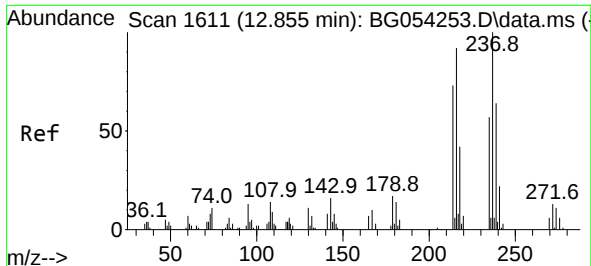


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 42.917 ng  
RT: 12.868 min Scan# 1613  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09



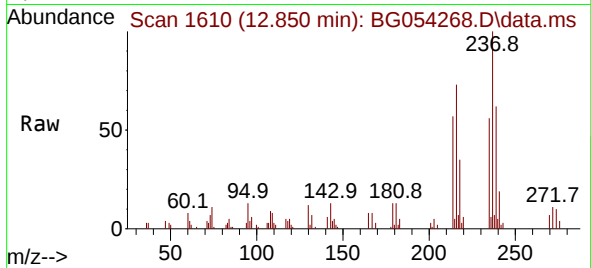
Tgt Ion:216 Resp: 82284  
Ion Ratio Lower Upper  
216 100  
214 77.2 62.9 94.3  
179 17.5 16.1 24.1  
108 10.1 12.2 18.2#





#41  
Hexachlorocyclopentadiene  
Concen: 40.858 ng  
RT: 12.850 min Scan# 1611  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

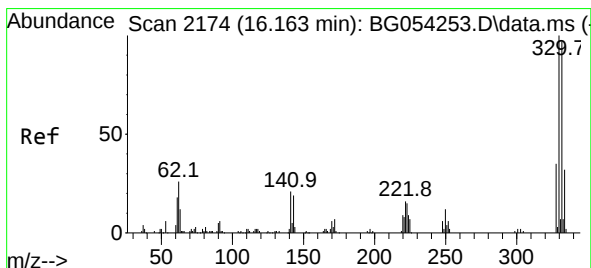
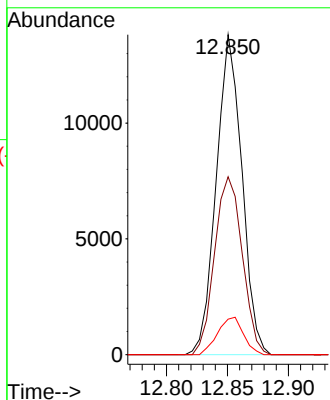
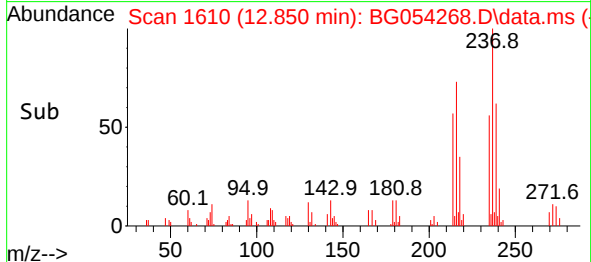
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



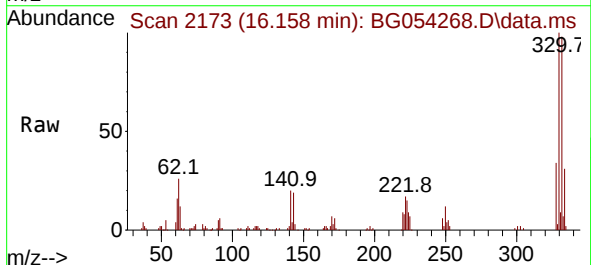
Tgt Ion:237 Resp: 20245  
Ion Ratio Lower Upper  
237 100  
235 55.6 43.5 83.5  
272 11.1 0.0 30.1

Manual Integrations  
APPROVED

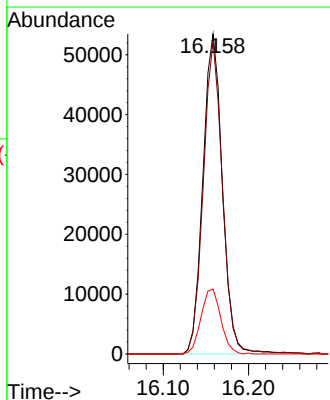
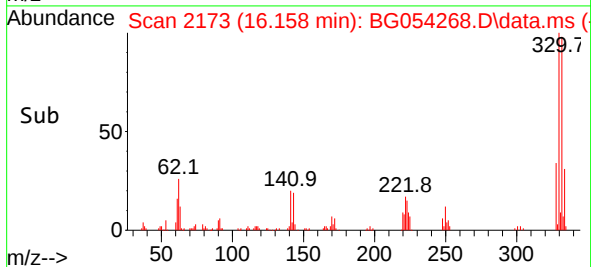
Reviewed By :Christian Giraldo 07/14/2022  
Supervised By :Jagrut Upadhyay 07/14/2022

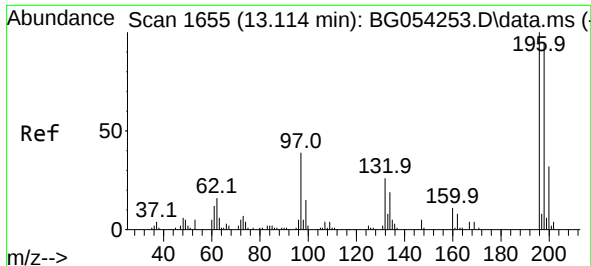


#42  
2,4,6-Tribromophenol  
Concen: 92.491 ng  
RT: 16.158 min Scan# 2173  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09



Tgt Ion:330 Resp: 84625  
Ion Ratio Lower Upper  
330 100  
332 96.6 76.0 114.0  
141 20.7 27.1 40.7#





#43  
2,4,6-Trichlorophenol  
Concen: 42.960 ng  
RT: 13.109 min Scan# 1654  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

Instrument :

BNA\_G

ClientSampleId :

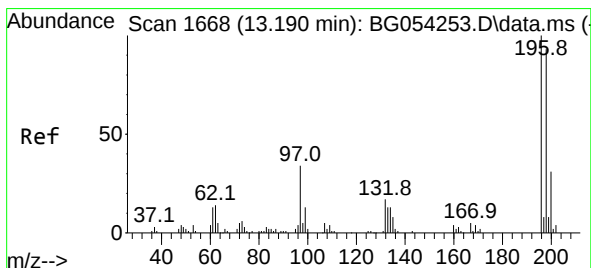
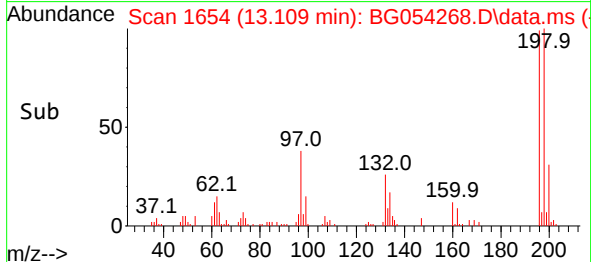
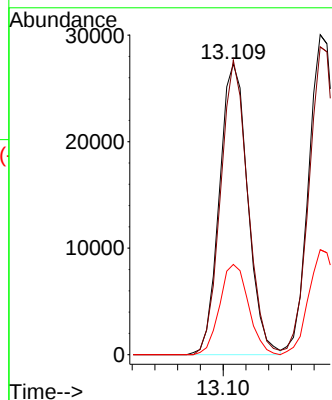
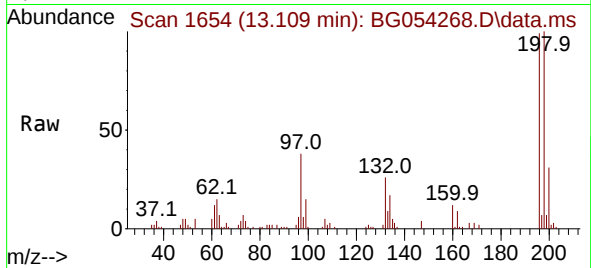
SSTDCCC040

Tgt Ion:196 Resp: 4730  
Ion Ratio Lower Upper  
196 100  
198 101.3 74.1 111.1  
200 31.0 24.7 37.1

Manual Integrations

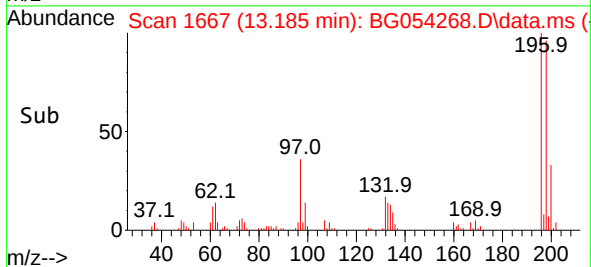
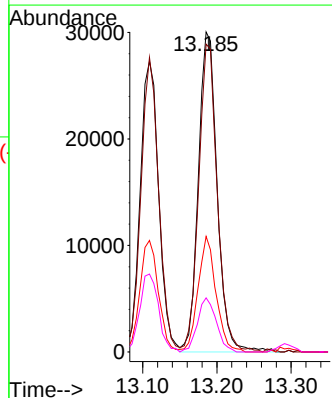
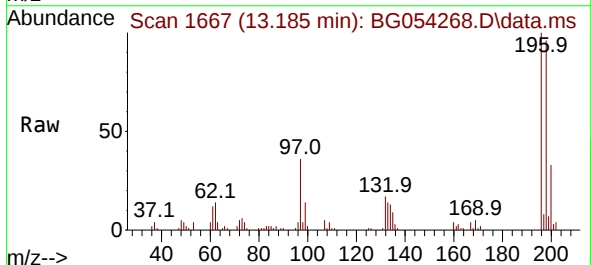
APPROVED

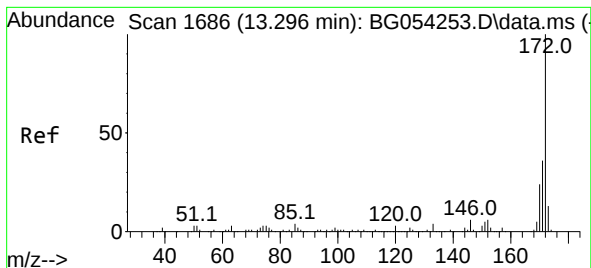
Reviewed By :Christian Giraldo 07/14/2022  
Supervised By :Jagrut Upadhyay 07/14/2022



#44  
2,4,5-Trichlorophenol  
Concen: 43.980 ng  
RT: 13.185 min Scan# 1667  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

Tgt Ion:196 Resp: 52971  
Ion Ratio Lower Upper  
196 100  
198 96.2 76.8 115.2  
97 36.1 39.8 59.6#  
132 16.9 18.4 27.6#





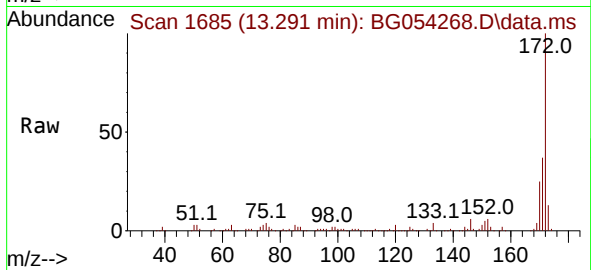
#45  
2-Fluorobiphenyl  
Concen: 84.374 ng  
RT: 13.291 min Scan# 1  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

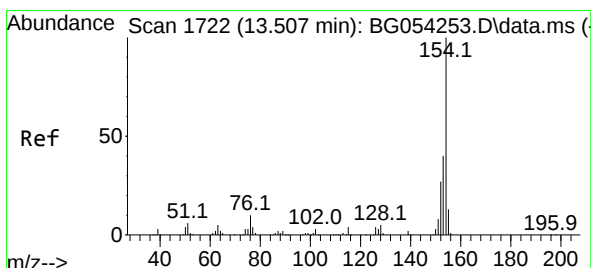
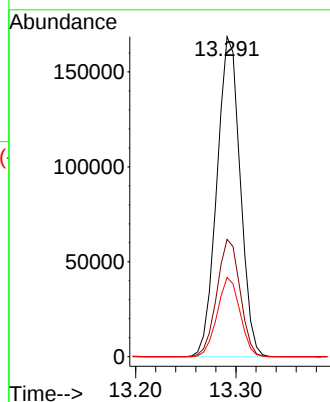
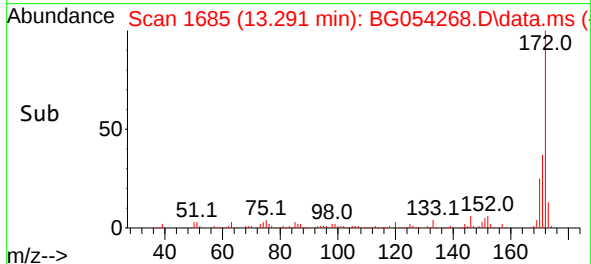


Tgt Ion:172 Resp: 271220  
Ion Ratio Lower Upper  
172 100  
171 36.7 28.5 42.7  
170 24.7 18.9 28.3

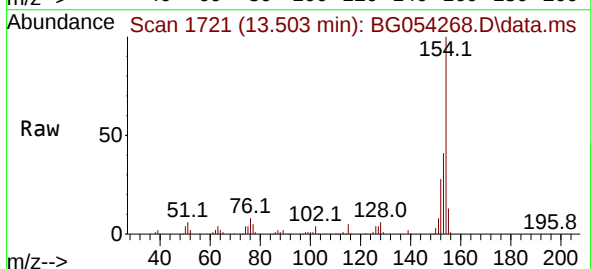
Manual Integrations

APPROVED

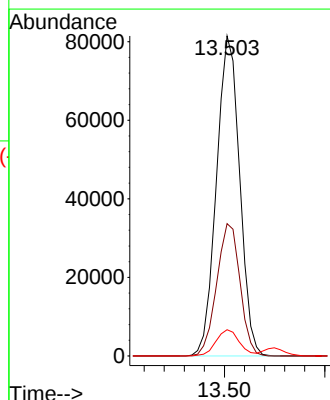
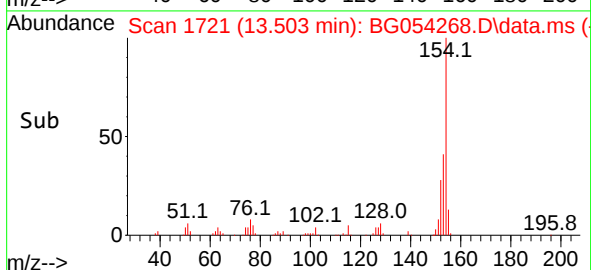
Reviewed By :Christian Giraldo 07/14/2022  
Supervised By :Jagrut Upadhyay 07/14/2022

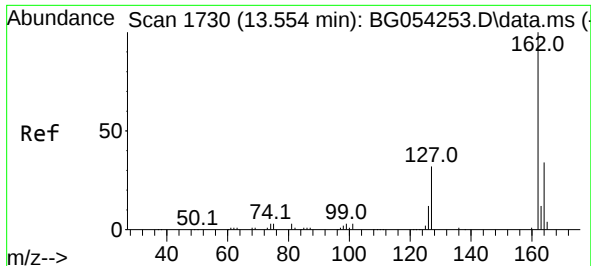


#46  
1,1'-Biphenyl  
Concen: 41.023 ng  
RT: 13.503 min Scan# 1721  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09



Tgt Ion:154 Resp: 130299  
Ion Ratio Lower Upper  
154 100  
153 41.4 21.6 61.6  
76 8.2 0.0 32.6





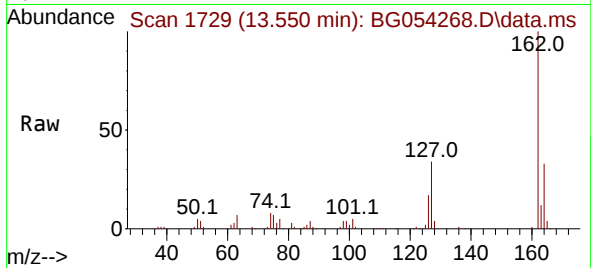
#47  
2-Chloronaphthalene  
Concen: 40.821 ng  
RT: 13.550 min Scan# 1730  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

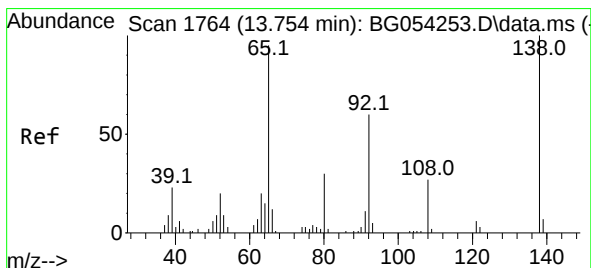
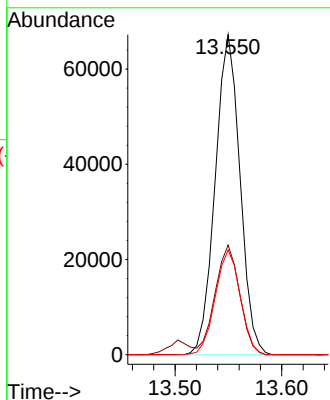
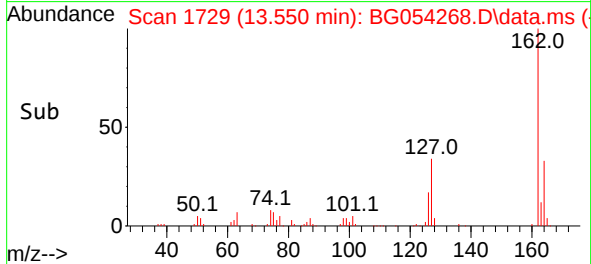


Tgt Ion:162 Resp: 10839  
Ion Ratio Lower Upper  
162 100  
127 34.2 30.6 45.8  
164 32.7 26.5 39.7

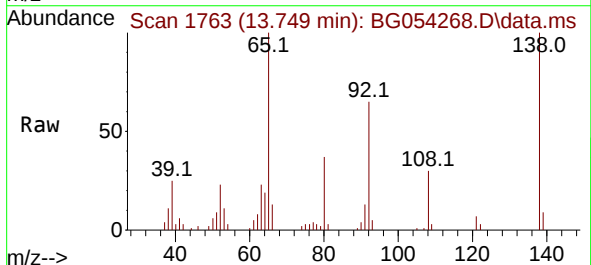
Manual Integrations

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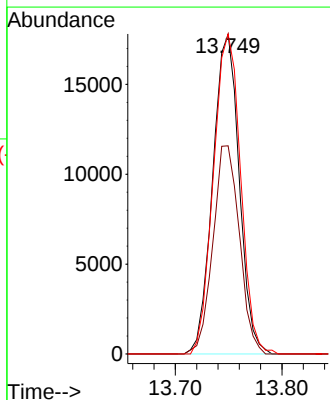
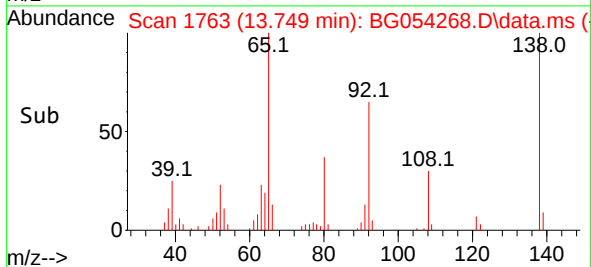
Reviewed By :Christian Giraldo 07/14/2022  
Supervised By :Jagrut Upadhyay 07/14/2022

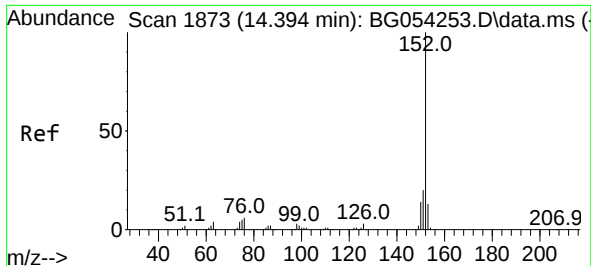


#48  
2-Nitroaniline  
Concen: 40.682 ng  
RT: 13.749 min Scan# 1763  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09



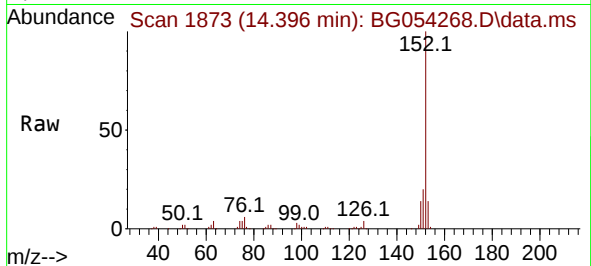
Tgt Ion: 65 Resp: 30573  
Ion Ratio Lower Upper  
65 100  
92 65.1 51.5 77.3  
138 100.1 71.3 106.9





#49  
Acenaphthylene  
Concen: 41.004 ng  
RT: 14.396 min Scan# 1873  
Delta R.T. 0.001 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

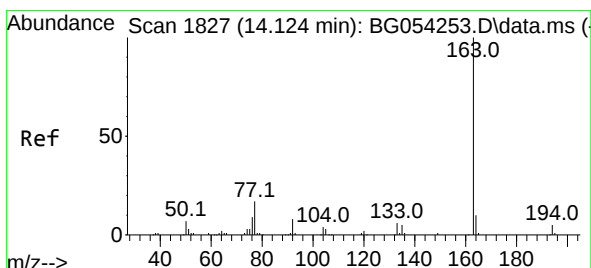
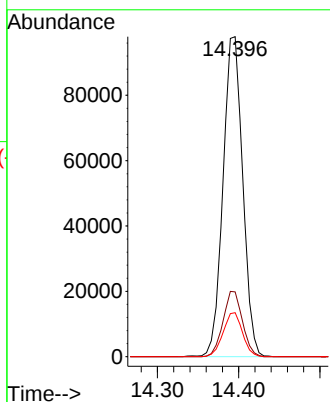
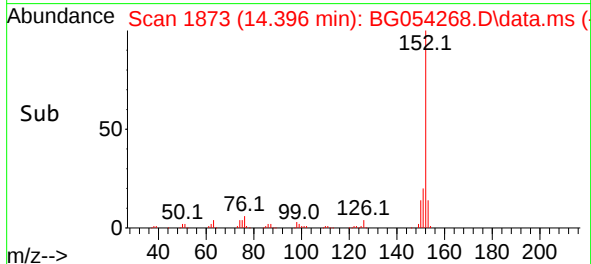
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



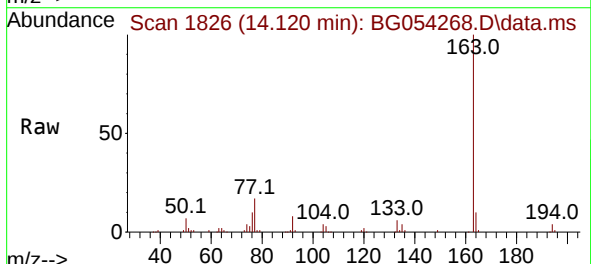
Tgt Ion:152 Resp: 165170  
Ion Ratio Lower Upper  
152 100  
151 20.3 16.4 24.6  
153 13.8 10.8 16.2

Manual Integrations  
APPROVED

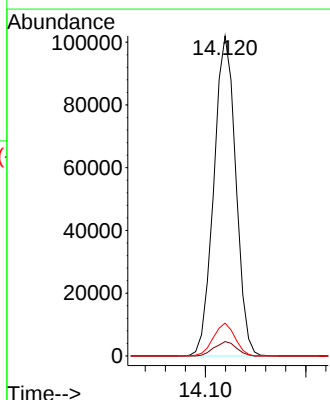
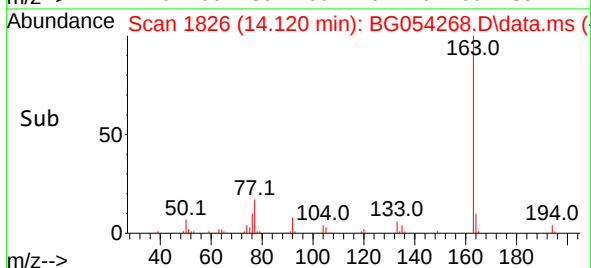
Reviewed By :Christian Giraldo 07/14/2022  
Supervised By :Jagrut Upadhyay 07/14/2022

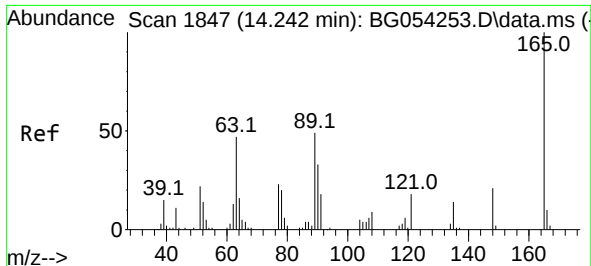


#50  
Dimethylphthalate  
Concen: 41.729 ng  
RT: 14.120 min Scan# 1826  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09



Tgt Ion:163 Resp: 154752  
Ion Ratio Lower Upper  
163 100  
194 4.5 3.0 4.6  
164 10.3 8.0 12.0





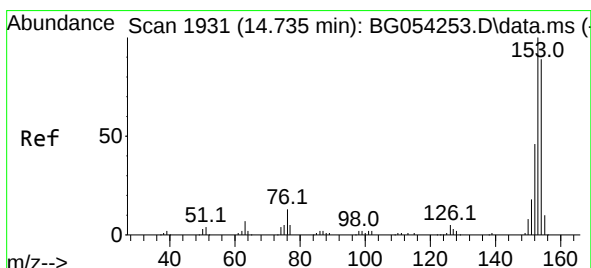
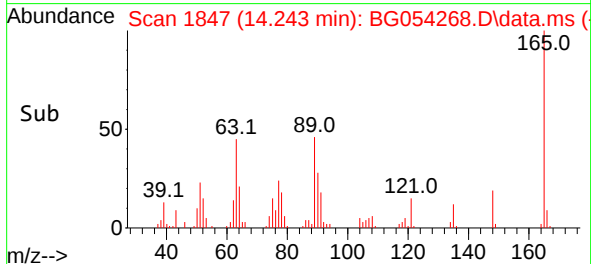
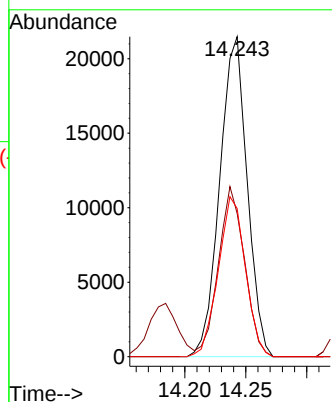
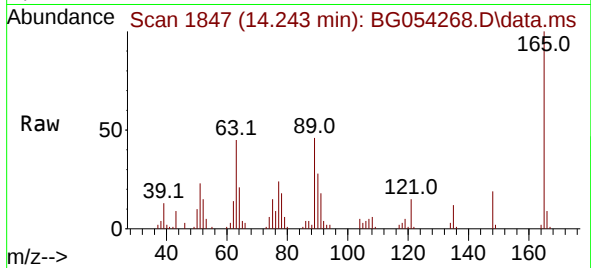
#51  
2,6-Dinitrotoluene  
Concen: 41.689 ng  
RT: 14.243 min Scan# 1847  
Delta R.T. 0.001 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:165 Resp: 33604  
Ion Ratio Lower Upper  
165 100  
63 44.7 54.1 81.1  
89 46.3 54.8 82.2

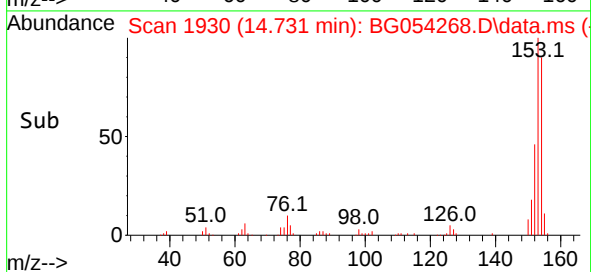
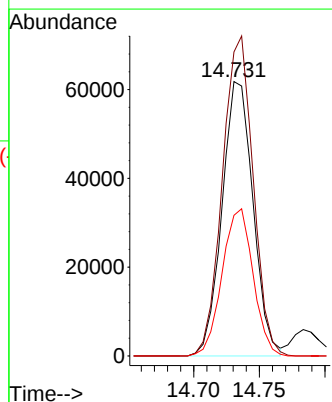
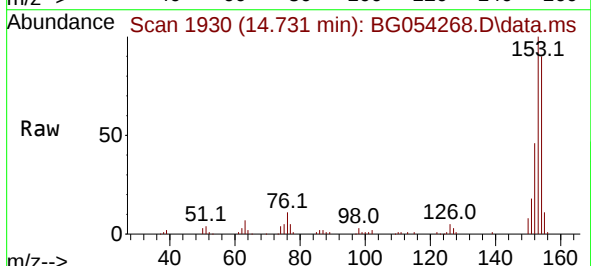
Manual Integrations  
APPROVED

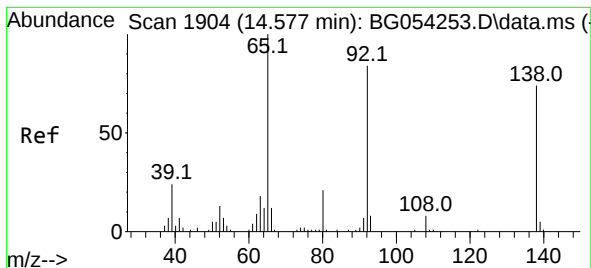
Reviewed By :Christian Giraldo 07/14/2022  
Supervised By :Jagrut Upadhyay 07/14/2022



#52  
Acenaphthene  
Concen: 41.681 ng  
RT: 14.731 min Scan# 1930  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

Tgt Ion:154 Resp: 101552  
Ion Ratio Lower Upper  
154 100  
153 110.8 92.7 139.1  
152 51.2 42.6 64.0





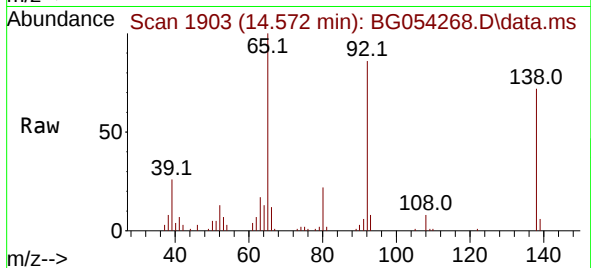
#53  
3-Nitroaniline  
Concen: 39.923 ng  
RT: 14.572 min Scan# 1904  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

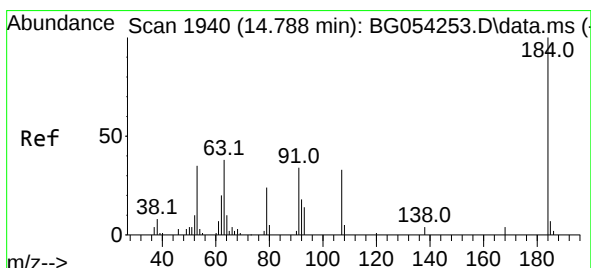
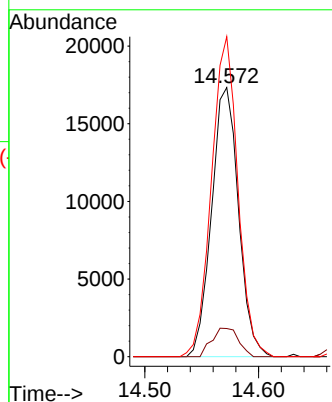
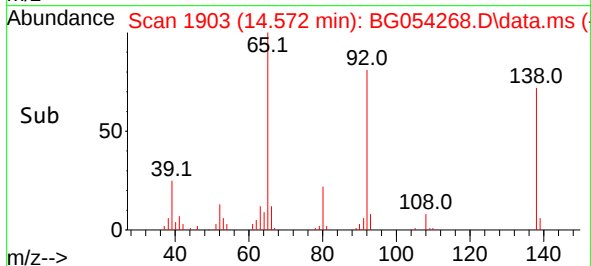


Tgt Ion:138 Resp: 2852  
Ion Ratio Lower Upper  
138 100  
108 10.5 9.2 13.8  
92 118.9 101.9 152.9

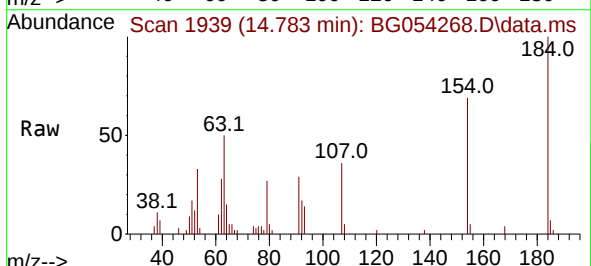
Manual Integrations

APPROVED

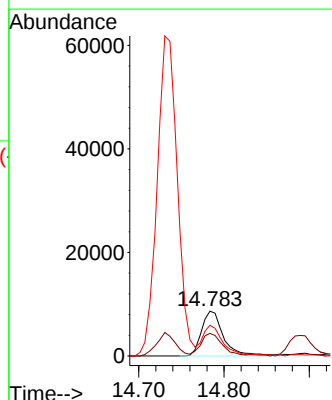
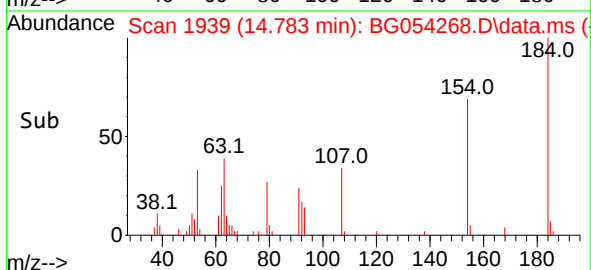
Reviewed By :Christian Giraldo 07/14/2022  
Supervised By :Jagrut Upadhyay 07/14/2022

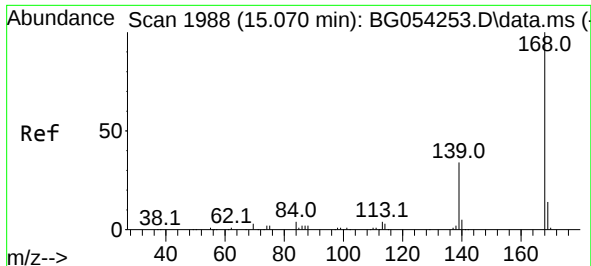


#54  
2,4-Dinitrophenol  
Concen: 38.054 ng  
RT: 14.783 min Scan# 1939  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09



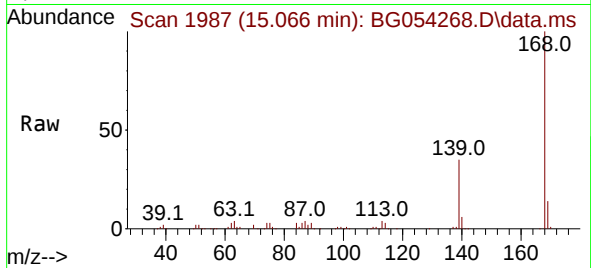
Tgt Ion:184 Resp: 15466  
Ion Ratio Lower Upper  
184 100  
63 50.4 61.1 91.7#  
154 68.7 60.6 91.0





#55  
Dibenzofuran  
Concen: 41.700 ng  
RT: 15.066 min Scan# 1987  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

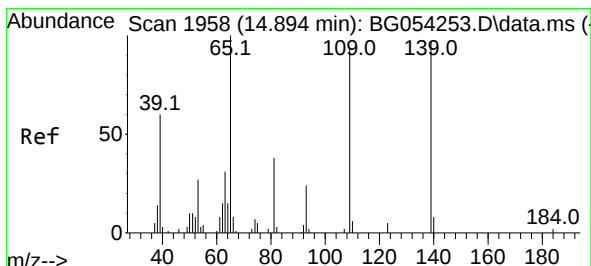
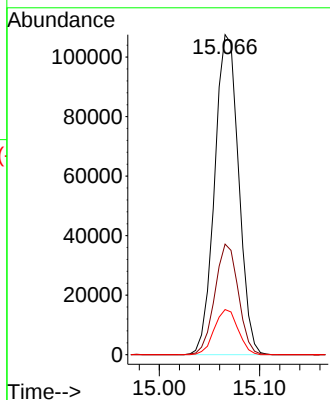
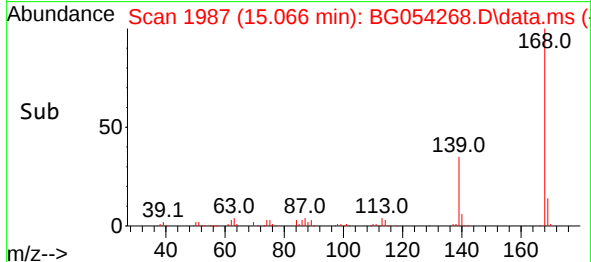
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



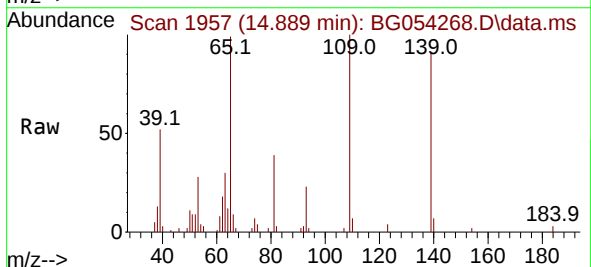
Tgt Ion:168 Resp: 17845  
Ion Ratio Lower Upper  
168 100  
139 34.6 30.5 45.7  
169 14.1 10.3 15.5

Manual Integrations  
APPROVED

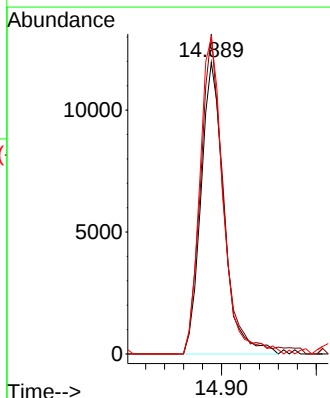
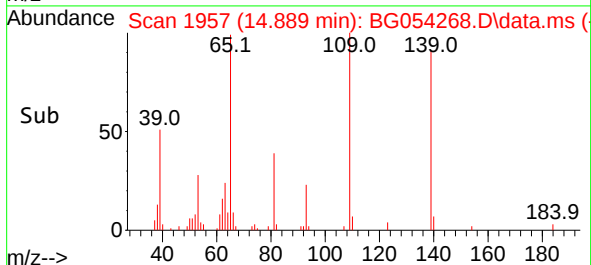
Reviewed By :Christian Giraldo 07/14/2022  
Supervised By :Jagrut Upadhyay 07/14/2022

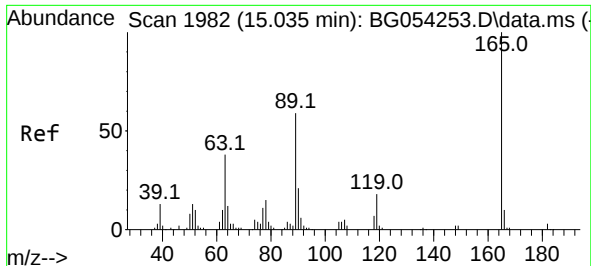


#56  
4-Nitrophenol  
Concen: 43.845 ng  
RT: 14.889 min Scan# 1957  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09



Tgt Ion:139 Resp: 20126  
Ion Ratio Lower Upper  
139 100  
109 109.8 88.5 128.5  
65 108.6 93.9 133.9





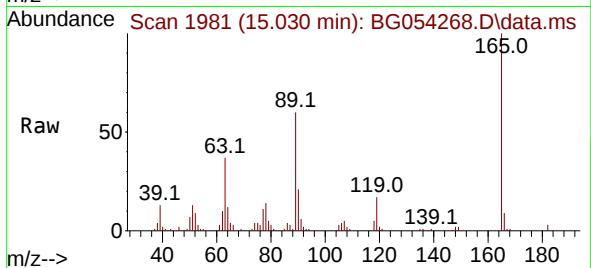
#57  
2,4-Dinitrotoluene  
Concen: 42.044 ng  
RT: 15.030 min Scan# 1982  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

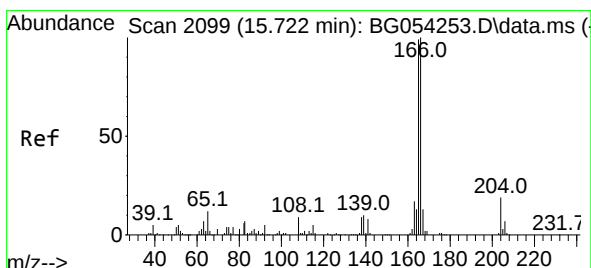
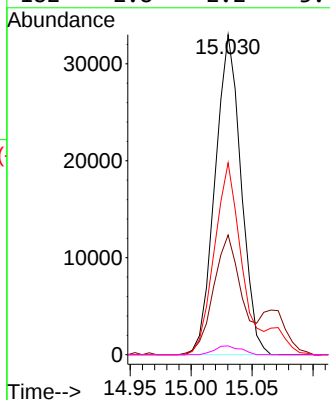
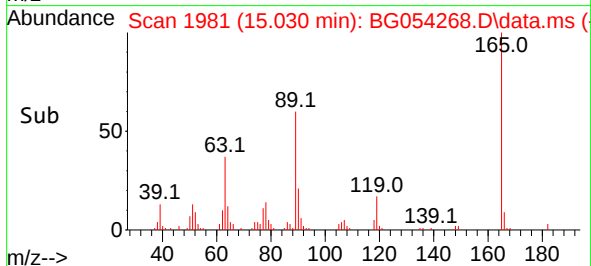


Tgt Ion:165 Resp: 49073  
Ion Ratio Lower Upper  
165 100  
63 37.4 34.6 52.0  
89 60.0 60.3 90.5  
182 2.8 2.2 3.4

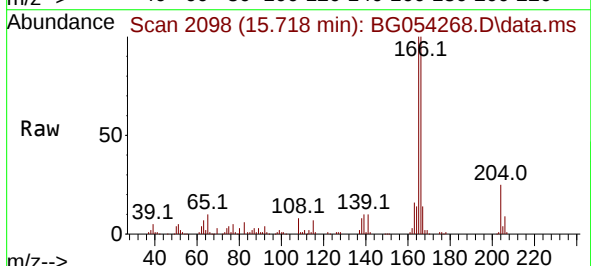
Manual Integrations

APPROVED

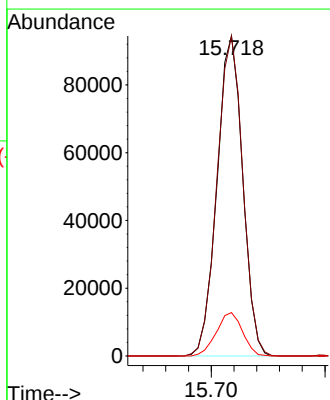
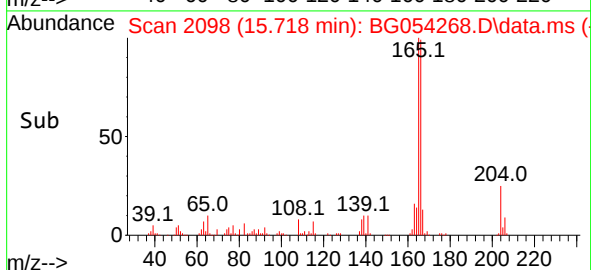
Reviewed By :Christian Giraldo 07/14/2022  
Supervised By :Jagrut Upadhyay 07/14/2022

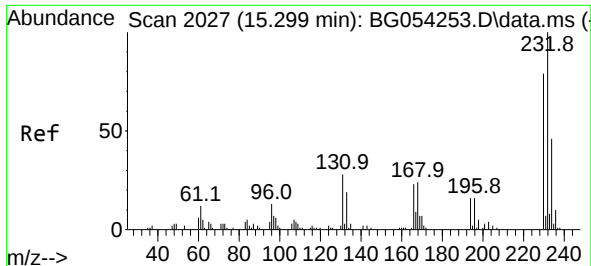


#58  
Fluorene  
Concen: 41.533 ng  
RT: 15.718 min Scan# 2098  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09



Tgt Ion:166 Resp: 147653  
Ion Ratio Lower Upper  
166 100  
165 100.0 75.0 112.6  
167 13.5 10.8 16.2





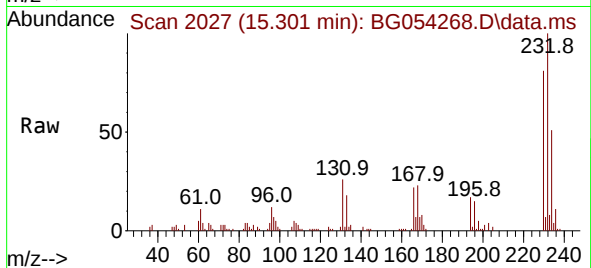
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 43.900 ng  
RT: 15.301 min Scan# 2027  
Delta R.T. 0.001 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

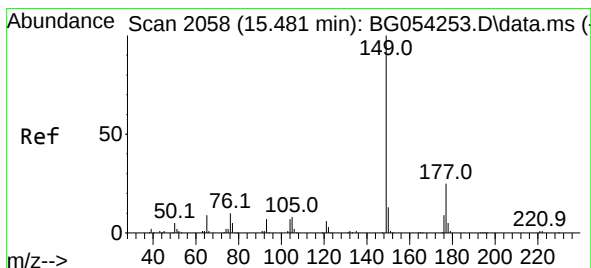
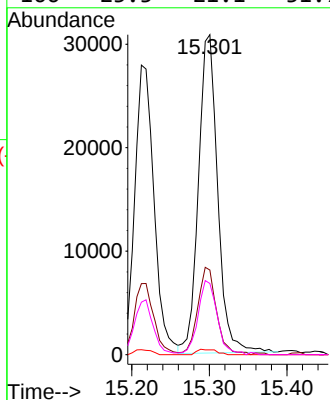
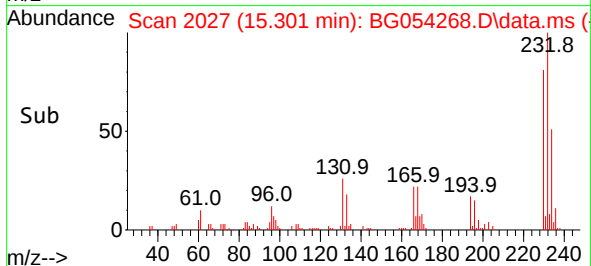


Tgt Ion:232 Resp: 52958  
Ion Ratio Lower Upper  
232 100  
131 26.8 30.6 46.0  
130 1.7 1.8 2.8  
166 23.3 21.1 31.7

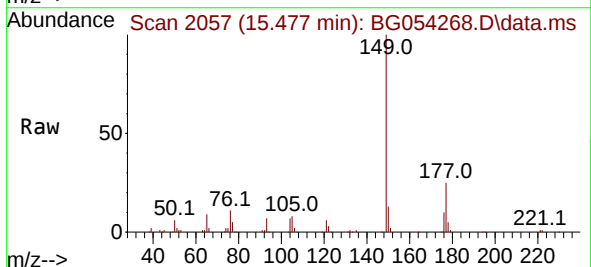
Manual Integrations

APPROVED

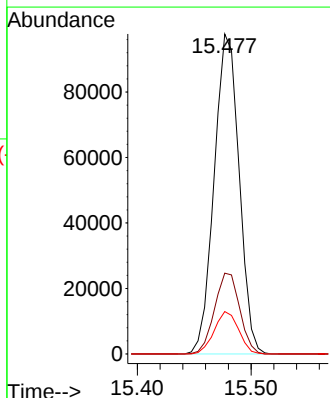
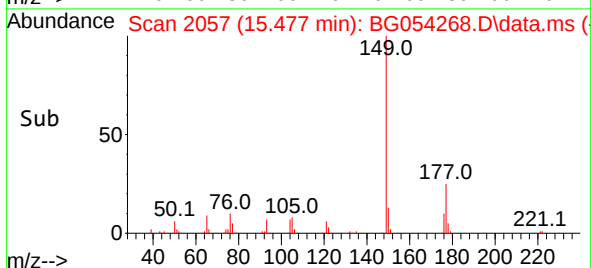
Reviewed By :Christian Giraldo 07/14/2022  
Supervised By :Jagrut Upadhyay 07/14/2022

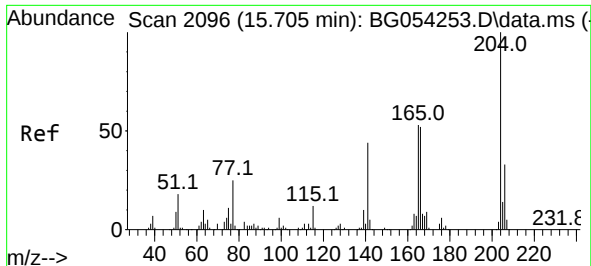


#60  
Diethylphthalate  
Concen: 41.137 ng  
RT: 15.477 min Scan# 2057  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09



Tgt Ion:149 Resp: 148793  
Ion Ratio Lower Upper  
149 100  
177 25.2 18.4 27.6  
150 13.3 11.2 16.8





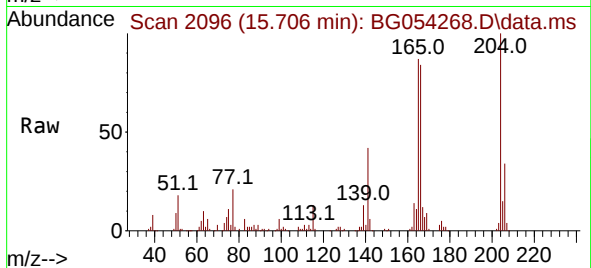
#61  
4-Chlorophenyl-phenylether  
Concen: 43.394 ng  
RT: 15.706 min Scan# 2096  
Delta R.T. 0.001 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

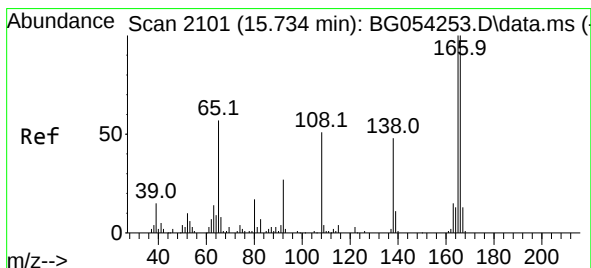
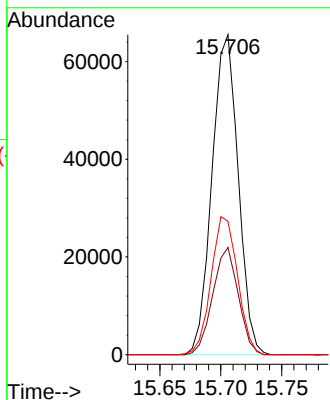
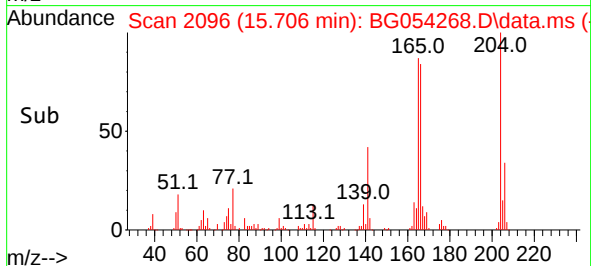


Tgt Ion:204 Resp: 97994  
Ion Ratio Lower Upper  
204 100  
206 33.5 27.5 41.3  
141 41.6 45.3 67.9

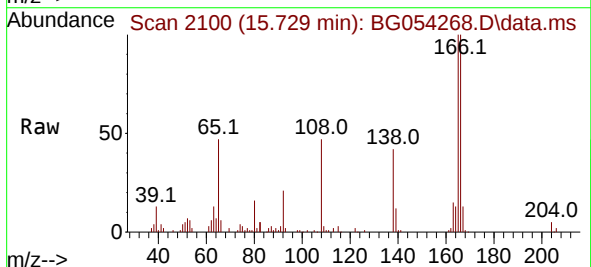
Manual Integrations

APPROVED

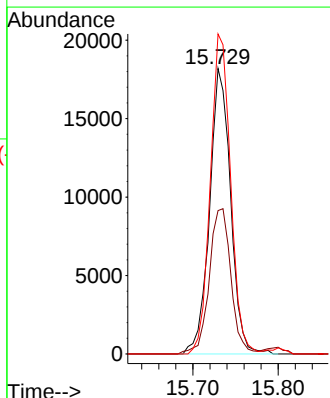
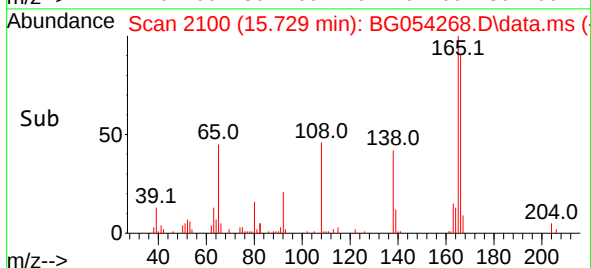
Reviewed By :Christian Giraldo 07/14/2022  
Supervised By :Jagrut Upadhyay 07/14/2022

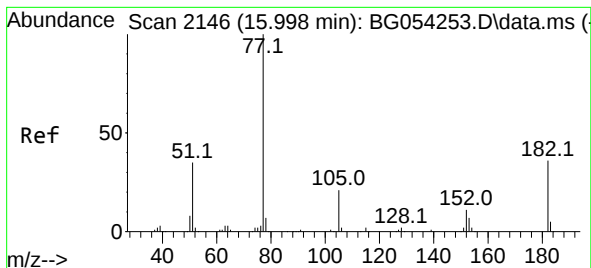


#62  
4-Nitroaniline  
Concen: 41.761 ng  
RT: 15.729 min Scan# 2100  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09



Tgt Ion:138 Resp: 31165  
Ion Ratio Lower Upper  
138 100  
92 50.2 40.5 80.5  
108 112.1 103.7 143.7





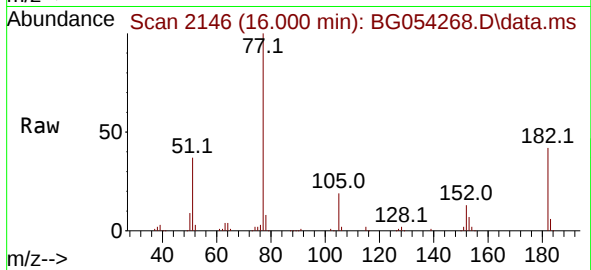
#63  
Azobenzene  
Concen: 39.386 ng  
RT: 16.000 min Scan# 2146  
Delta R.T. 0.001 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

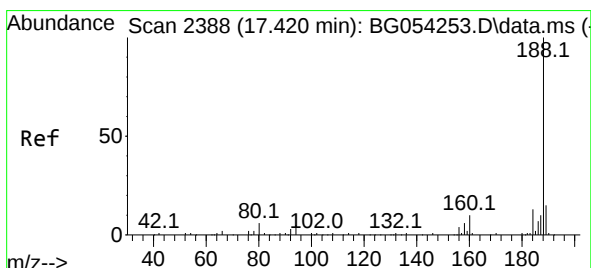
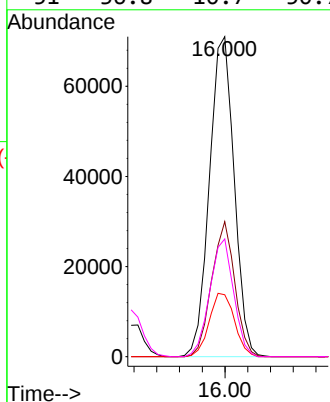
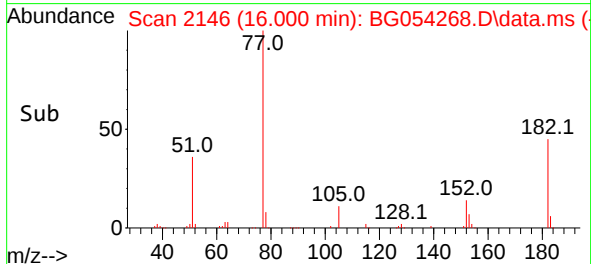


Tgt Ion: 77 Resp: 107362  
Ion Ratio Lower Upper  
77 100  
182 42.2 3.8 43.8  
105 19.4 0.0 37.8  
51 36.8 10.7 50.7

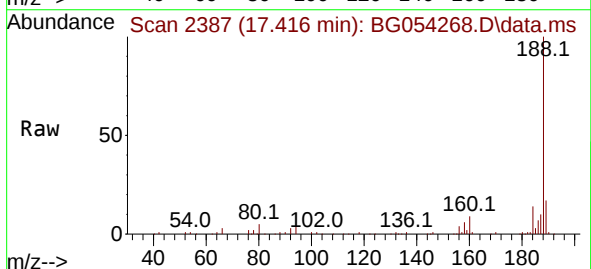
Manual Integrations

APPROVED

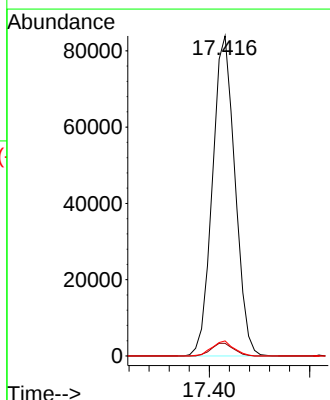
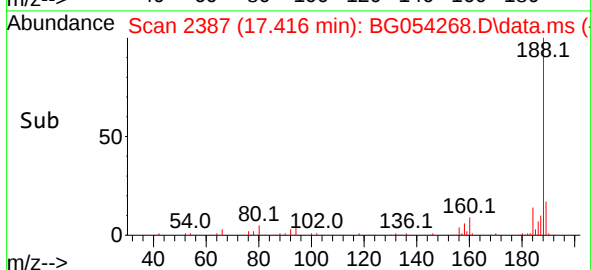
Reviewed By :Christian Giraldo 07/14/2022  
Supervised By :Jagrut Upadhyay 07/14/2022

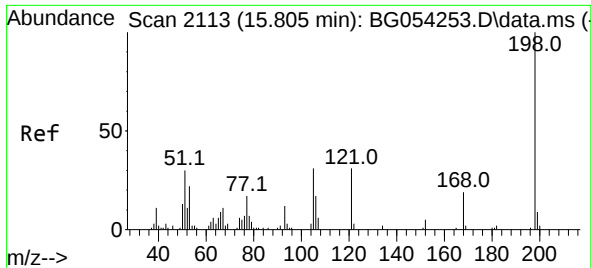


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.416 min Scan# 2387  
Delta R.T. -0.004 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09



Tgt Ion:188 Resp: 130925  
Ion Ratio Lower Upper  
188 100  
94 3.9 5.4 8.0#  
80 4.7 6.8 10.2#





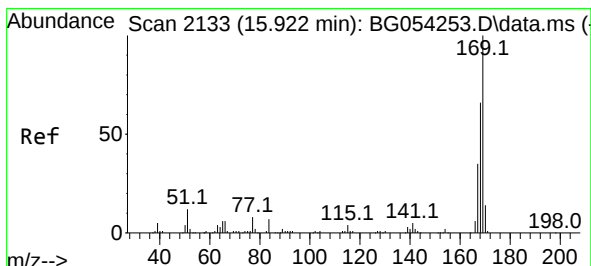
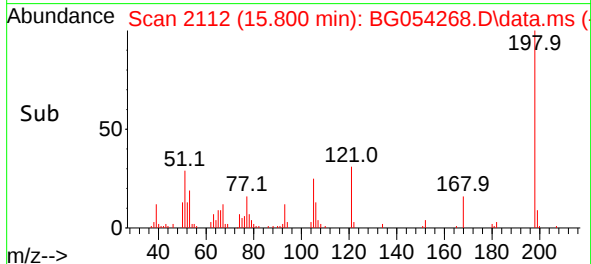
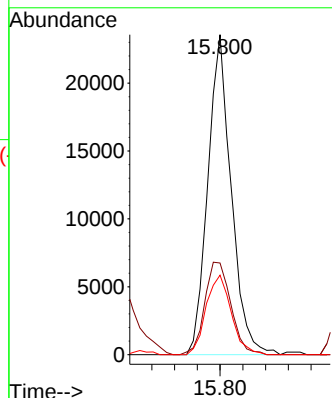
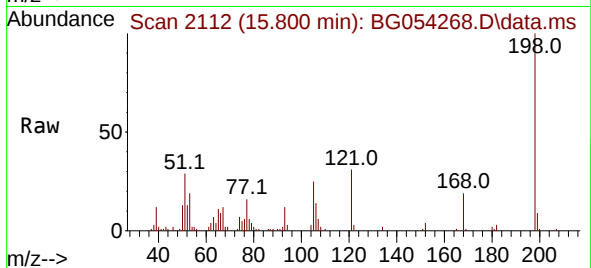
#65  
4,6-Dinitro-2-methylphenol  
Concen: 43.679 ng  
RT: 15.800 min Scan# 2113  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:198 Resp: 3364  
Ion Ratio Lower Upper  
198 100  
51 28.7 28.1 68.1  
105 24.8 20.3 60.3

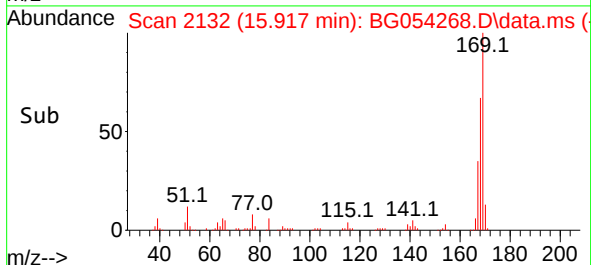
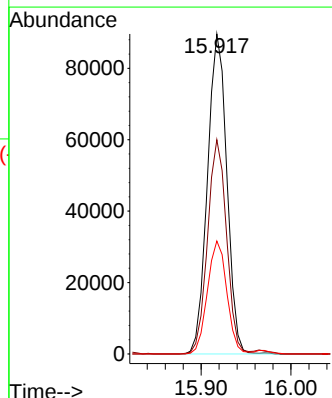
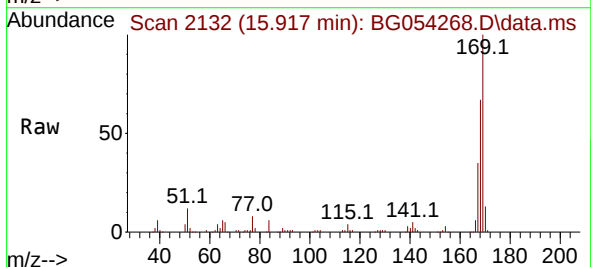
Manual Integrations  
APPROVED

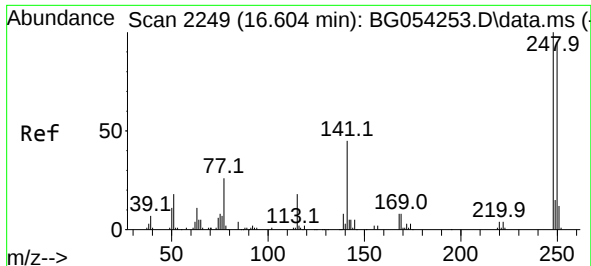
Reviewed By :Christian Giraldo 07/14/2022  
Supervised By :Jagrut Upadhyay 07/14/2022



#66  
n-Nitrosodiphenylamine  
Concen: 40.662 ng  
RT: 15.917 min Scan# 2132  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

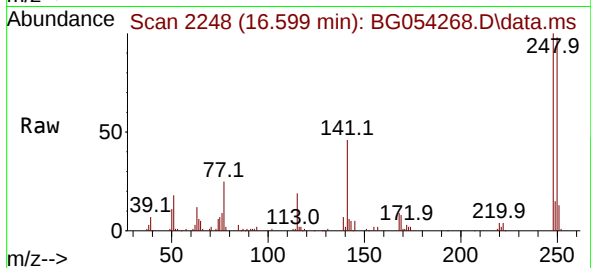
Tgt Ion:169 Resp: 134281  
Ion Ratio Lower Upper  
169 100  
168 67.0 55.9 83.9  
167 35.3 30.6 46.0





#67  
4-Bromophenyl-phenylether  
Concen: 42.829 ng  
RT: 16.599 min Scan# 21  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

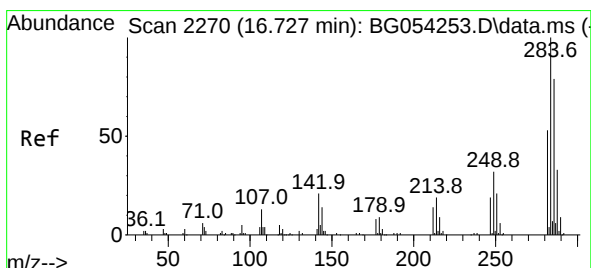
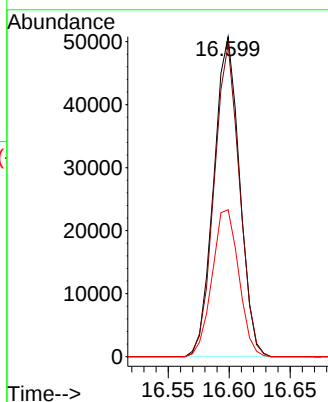
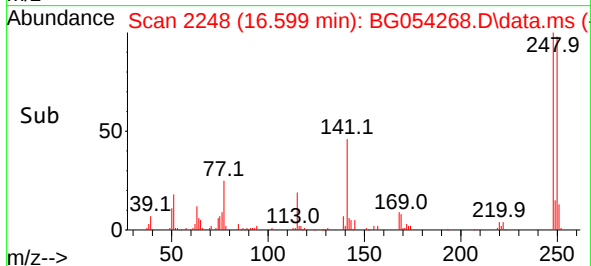
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



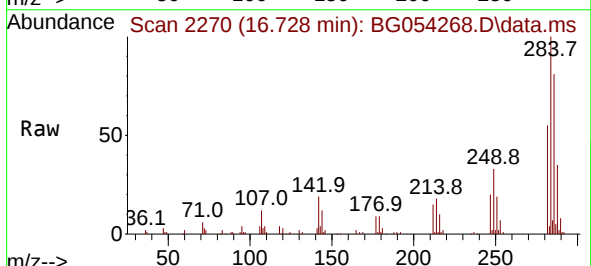
Tgt Ion:248 Resp: 74790  
Ion Ratio Lower Upper  
248 100  
250 97.7 75.2 112.8  
141 45.9 50.0 75.0

Manual Integrations  
APPROVED

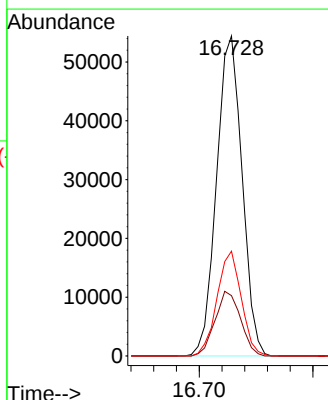
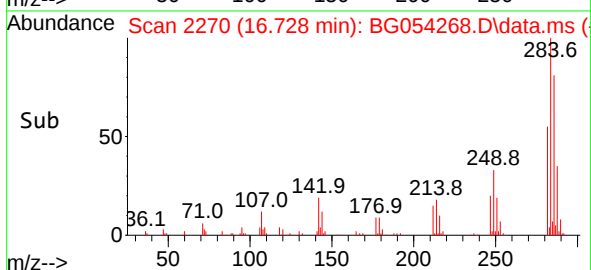
Reviewed By :Christian Giraldo 07/14/2022  
Supervised By :Jagrut Upadhyay 07/14/2022

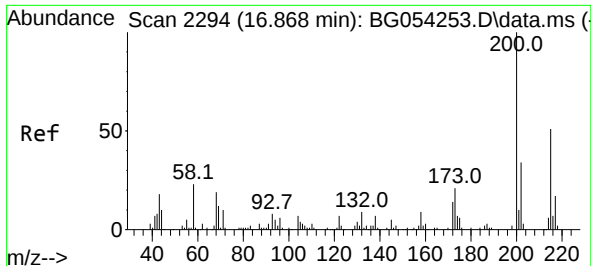


#68  
Hexachlorobenzene  
Concen: 42.575 ng  
RT: 16.728 min Scan# 2270  
Delta R.T. 0.001 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09



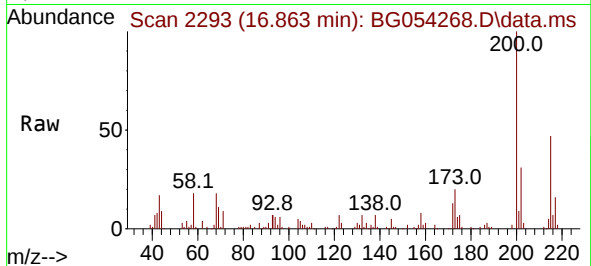
Tgt Ion:284 Resp: 84859  
Ion Ratio Lower Upper  
284 100  
142 18.8 23.6 35.4#  
249 32.8 25.8 38.6





#69  
 Atrazine  
 Concen: 43.162 ng  
 RT: 16.863 min Scan# 21  
 Delta R.T. -0.005 min  
 Lab File: BG054268.D  
 Acq: 13 Jul 2022 10:09

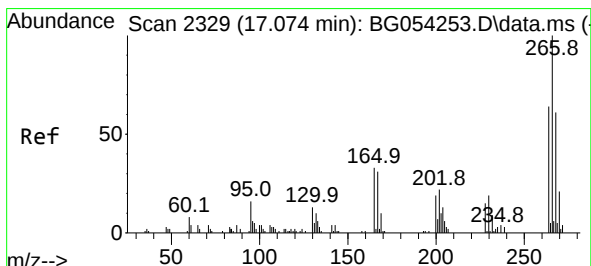
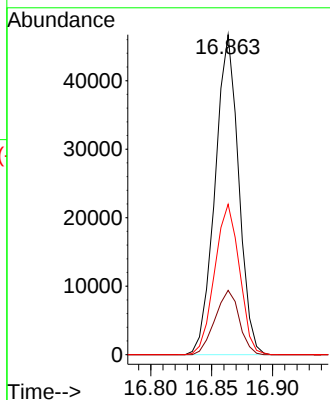
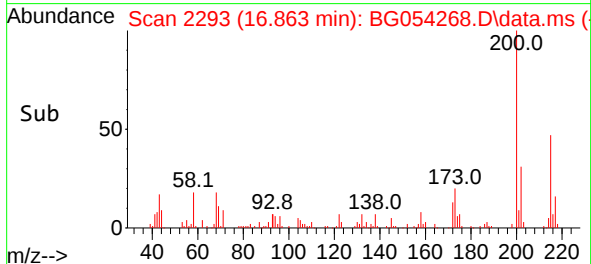
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040



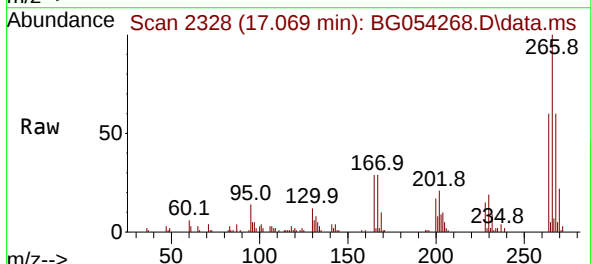
Tgt Ion:200 Resp: 62952  
 Ion Ratio Lower Upper  
 200 100  
 173 20.1 3.7 43.7  
 215 47.0 25.2 65.2

Manual Integrations  
 APPROVED

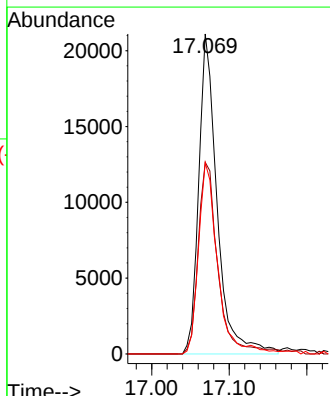
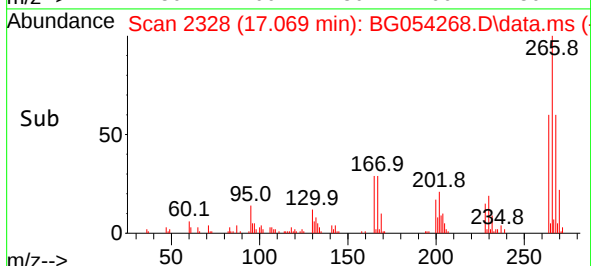
Reviewed By :Christian Giraldo 07/14/2022  
 Supervised By :Jagrut Upadhyay 07/14/2022

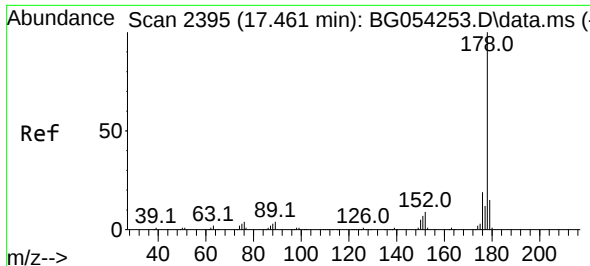


#70  
 Pentachlorophenol  
 Concen: 40.850 ng  
 RT: 17.069 min Scan# 2328  
 Delta R.T. -0.005 min  
 Lab File: BG054268.D  
 Acq: 13 Jul 2022 10:09



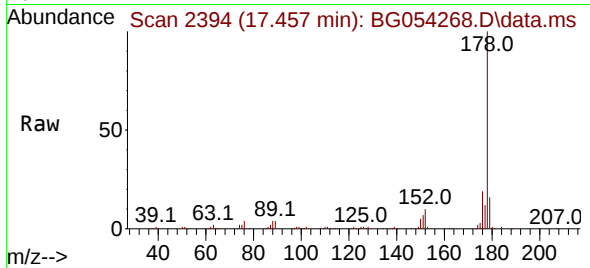
Tgt Ion:266 Resp: 34812  
 Ion Ratio Lower Upper  
 266 100  
 268 59.9 56.2 84.2  
 264 59.8 53.0 79.4





#71  
Phenanthrene  
Concen: 41.003 ng  
RT: 17.457 min Scan# 21  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

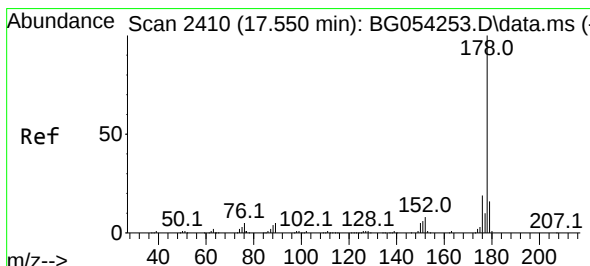
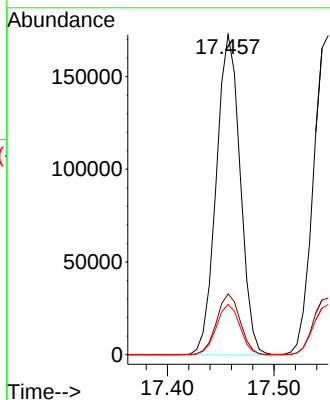
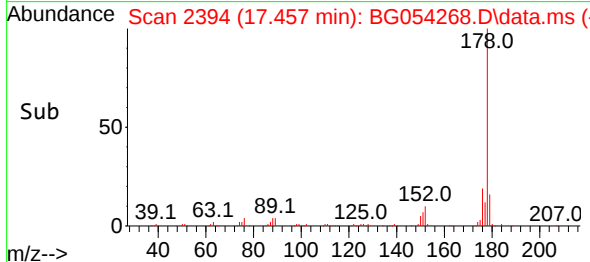
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



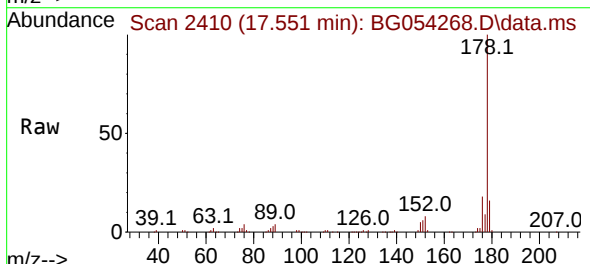
Tgt Ion:178 Resp: 26853  
Ion Ratio Lower Upper  
178 100  
176 19.0 14.1 21.1  
179 15.7 12.1 18.1

Manual Integrations  
APPROVED

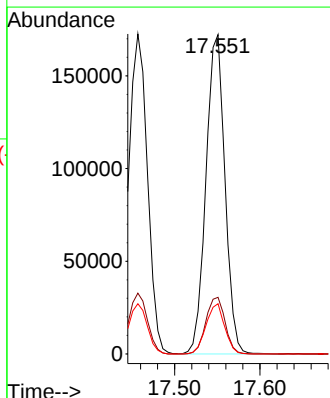
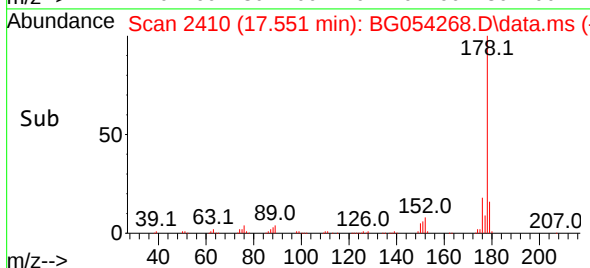
Reviewed By :Christian Giraldo 07/14/2022  
Supervised By :Jagrut Upadhyay 07/14/2022

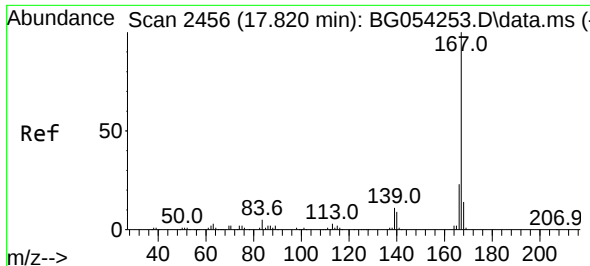


#72  
Anthracene  
Concen: 41.618 ng  
RT: 17.551 min Scan# 2410  
Delta R.T. 0.001 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09



Tgt Ion:178 Resp: 266931  
Ion Ratio Lower Upper  
178 100  
176 17.8 15.2 22.8  
179 15.7 13.0 19.4





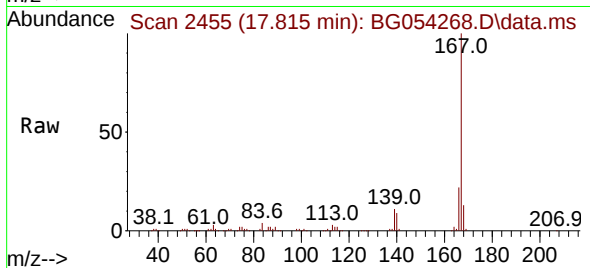
#73  
 Carbazole  
 Concen: 41.482 ng  
 RT: 17.815 min Scan# 2456  
 Delta R.T. -0.005 min  
 Lab File: BG054268.D  
 Acq: 13 Jul 2022 10:09

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

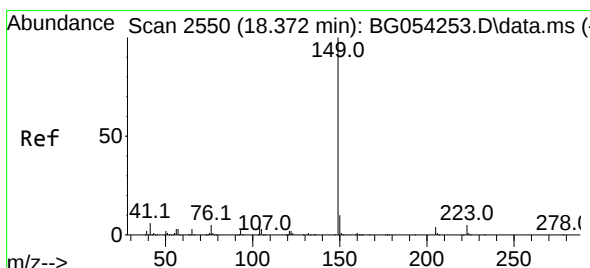
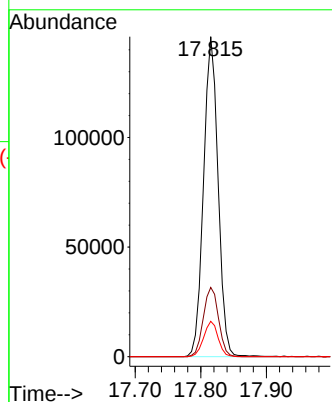
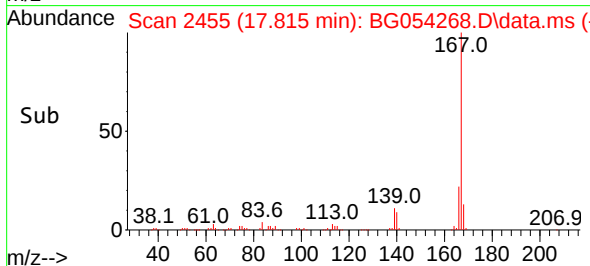


Tgt Ion:167 Resp: 225309  
 Ion Ratio Lower Upper  
 167 100  
 166 21.6 18.2 27.2  
 139 11.1 10.1 15.1

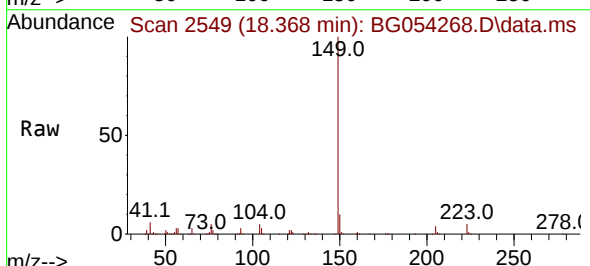
Manual Integrations

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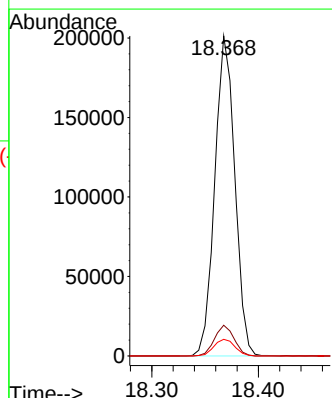
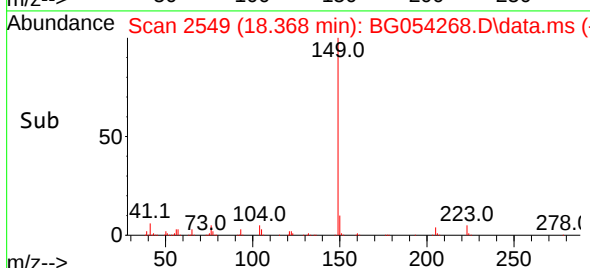
Reviewed By :Christian Giraldo 07/14/2022  
 Supervised By :Jagrut Upadhyay 07/14/2022

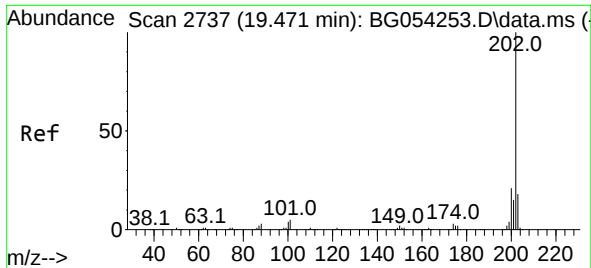


#74  
 Di-n-butylphthalate  
 Concen: 40.818 ng  
 RT: 18.368 min Scan# 2549  
 Delta R.T. -0.005 min  
 Lab File: BG054268.D  
 Acq: 13 Jul 2022 10:09



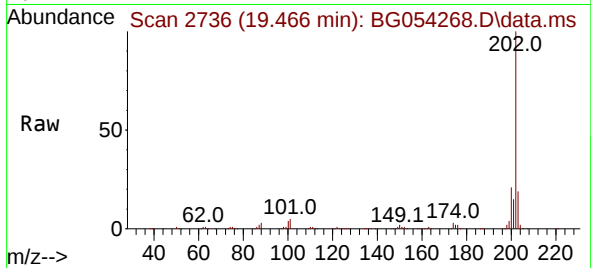
Tgt Ion:149 Resp: 262528  
 Ion Ratio Lower Upper  
 149 100  
 150 9.6 7.7 11.5  
 104 5.2 5.4 8.0#





#75  
Fluoranthene  
Concen: 42.299 ng  
RT: 19.466 min Scan# 21  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

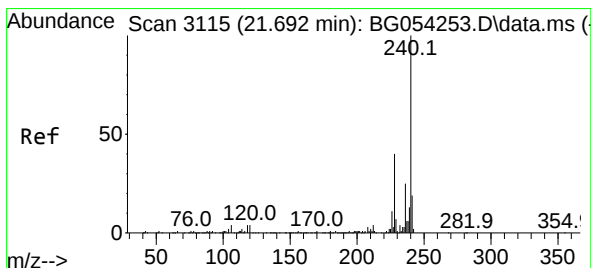
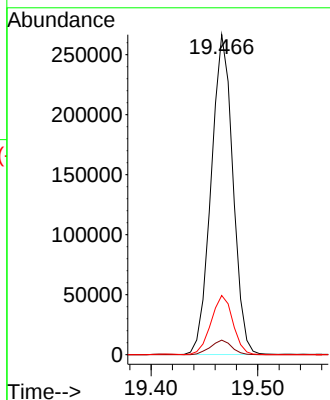
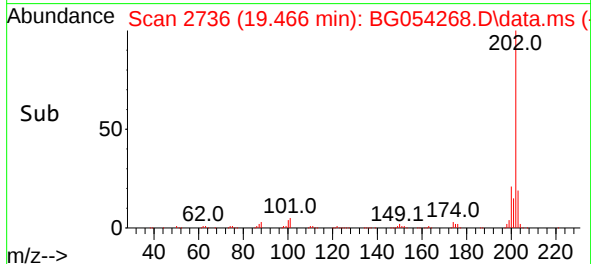
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:202 Resp: 376740  
Ion Ratio Lower Upper  
202 100  
101 4.6 0.0 26.9  
203 18.5 0.0 37.2

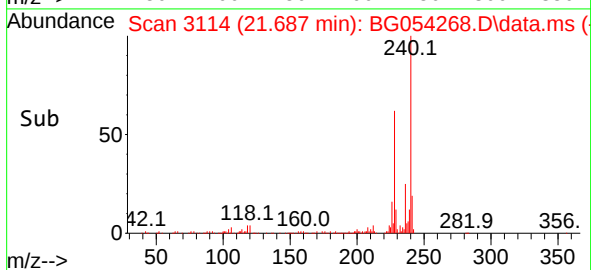
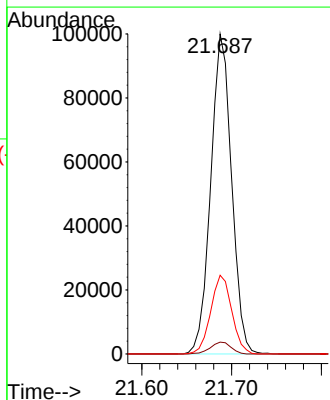
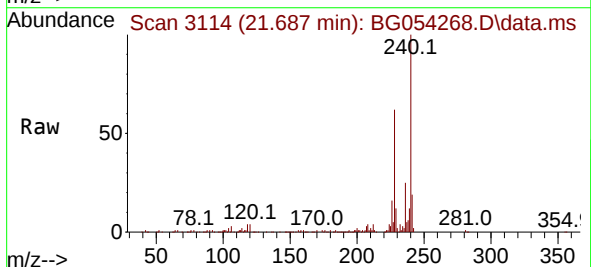
Manual Integrations  
APPROVED

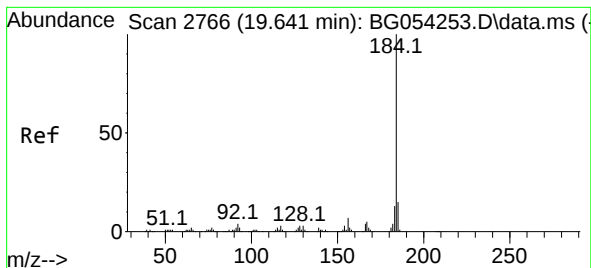
Reviewed By :Christian Giraldo 07/14/2022  
Supervised By :Jagrut Upadhyay 07/14/2022



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.687 min Scan# 3114  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

Tgt Ion:240 Resp: 161095  
Ion Ratio Lower Upper  
240 100  
120 3.7 4.6 7.0#  
236 24.6 20.2 30.4





#77

Benzidine

Concen: 42.062 ng

RT: 19.642 min Scan# 2766

Delta R.T. 0.001 min

Lab File: BG054268.D

Acq: 13 Jul 2022 10:09

Instrument :

BNA\_G

ClientSampleId :

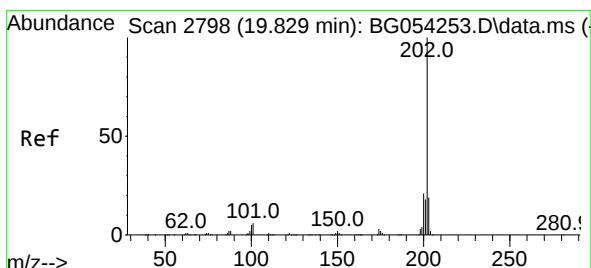
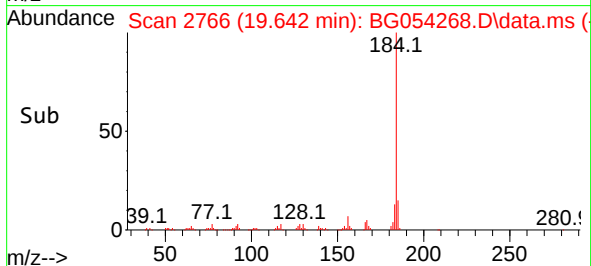
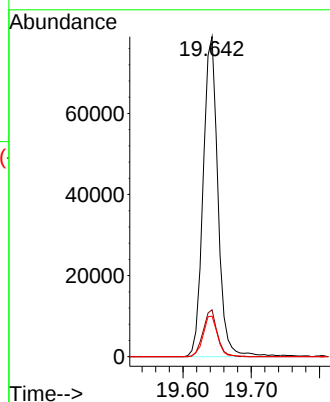
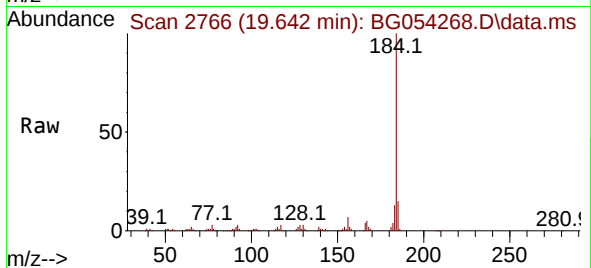
SSTDCCC040

Tgt Ion:184 Resp: 118948  
 Ion Ratio Lower Upper  
 184 100  
 185 14.7 11.8 17.6  
 183 12.6 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/14/2022  
 Supervised By :Jagrut Upadhyay 07/14/2022



#78

Pyrene

Concen: 41.163 ng

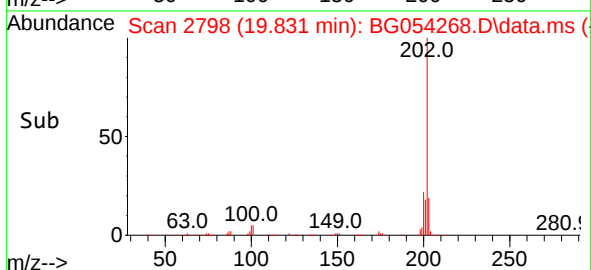
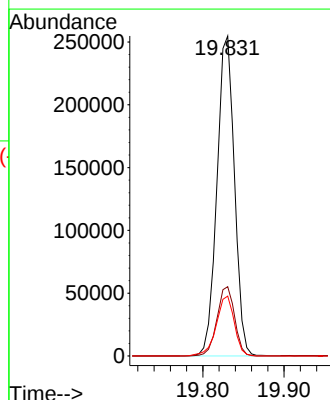
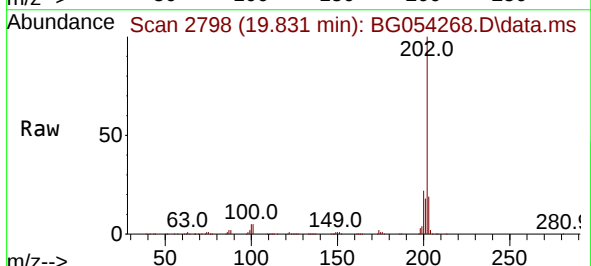
RT: 19.831 min Scan# 2798

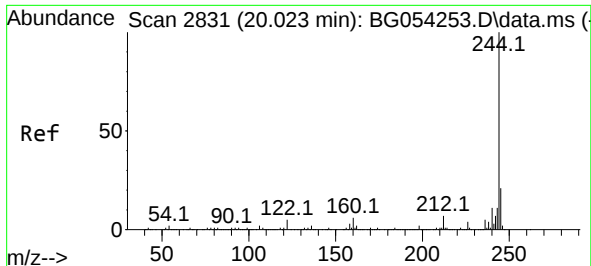
Delta R.T. 0.001 min

Lab File: BG054268.D

Acq: 13 Jul 2022 10:09

Tgt Ion:202 Resp: 381637  
 Ion Ratio Lower Upper  
 202 100  
 200 21.7 16.6 24.8  
 203 18.7 14.6 21.8





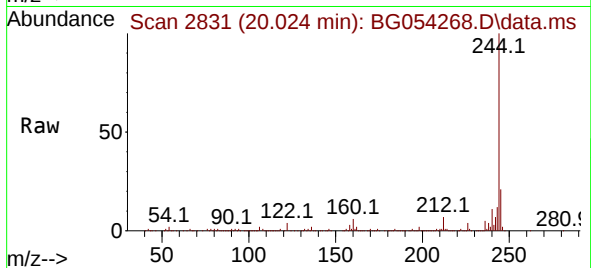
#79  
 Terphenyl-d14  
 Concen: 85.579 ng  
 RT: 20.024 min Scan# 2831  
 Delta R.T. 0.001 min  
 Lab File: BG054268.D  
 Acq: 13 Jul 2022 10:09

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

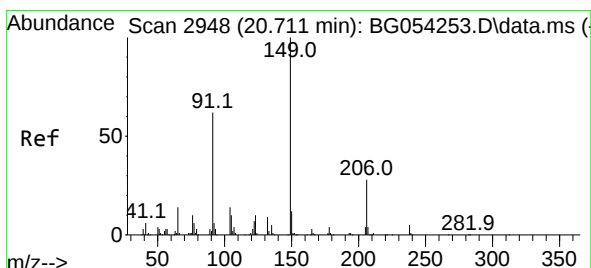
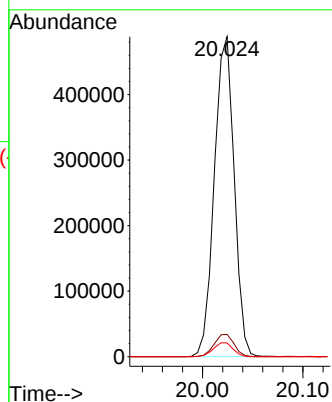
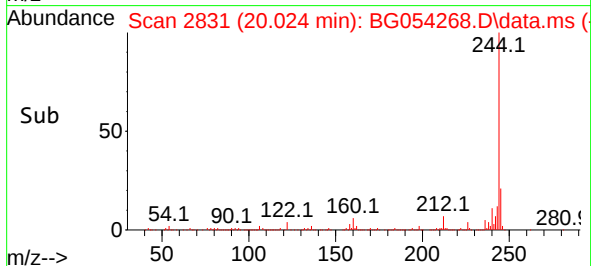


Tgt Ion:244 Resp: 670415  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 6.5 9.7  
 122 4.3 5.0 7.4

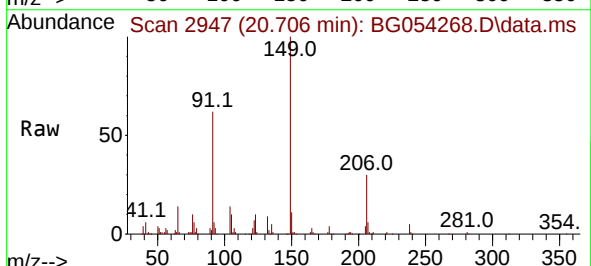
Manual Integrations

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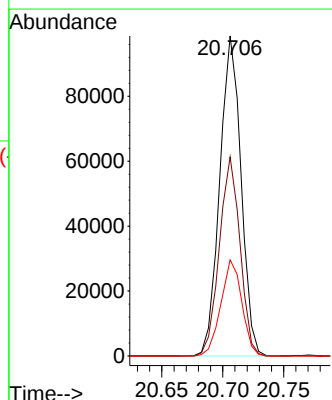
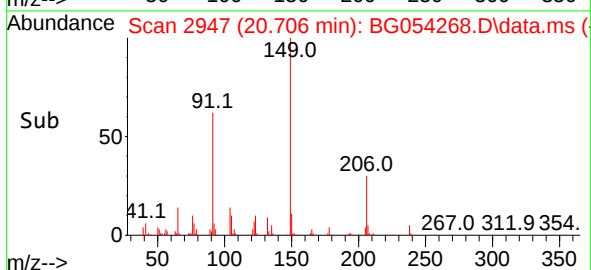
Reviewed By :Christian Giraldo 07/14/2022  
 Supervised By :Jagrut Upadhyay 07/14/2022

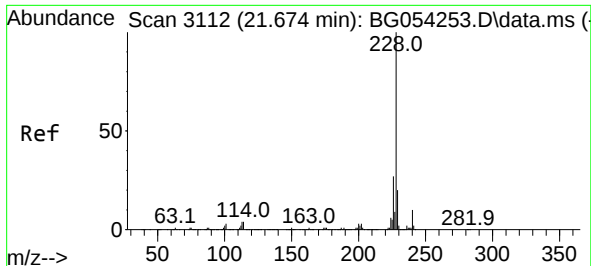


#80  
 Butylbenzylphthalate  
 Concen: 39.860 ng  
 RT: 20.706 min Scan# 2947  
 Delta R.T. -0.005 min  
 Lab File: BG054268.D  
 Acq: 13 Jul 2022 10:09



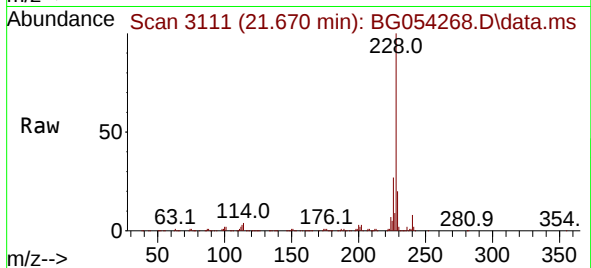
Tgt Ion:149 Resp: 119743  
 Ion Ratio Lower Upper  
 149 100  
 91 62.2 59.6 89.4  
 206 30.0 18.6 28.0





#81  
Benzo(a)anthracene  
Concen: 41.497 ng  
RT: 21.670 min Scan# 3112  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

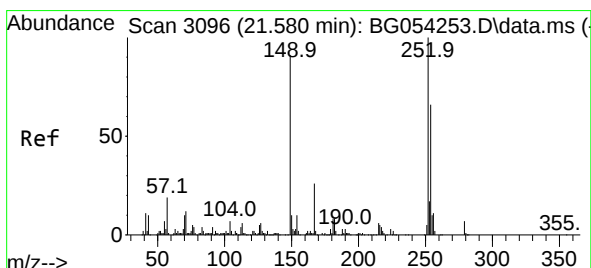
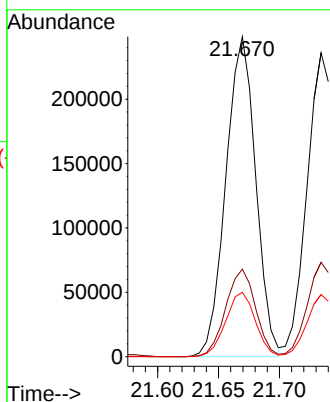
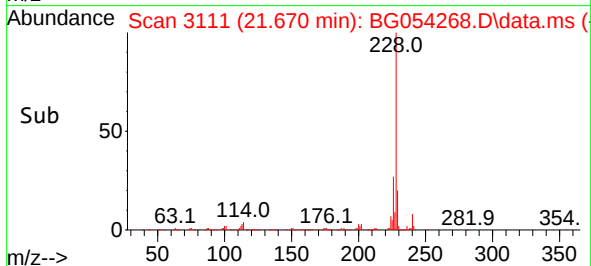
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:228 Resp: 42287  
Ion Ratio Lower Upper  
228 100  
226 27.3 21.6 32.4  
229 20.1 16.2 24.2

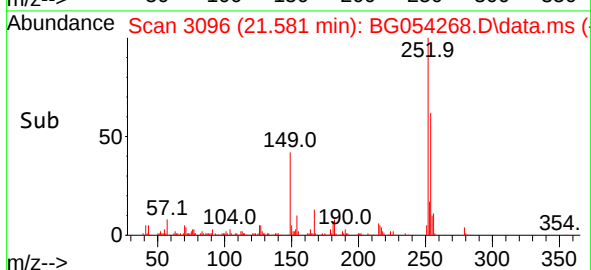
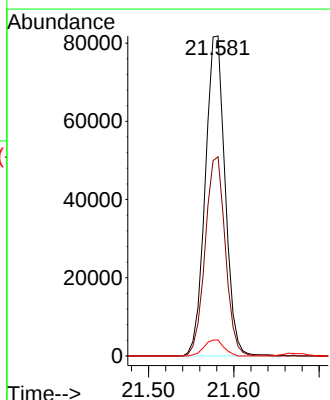
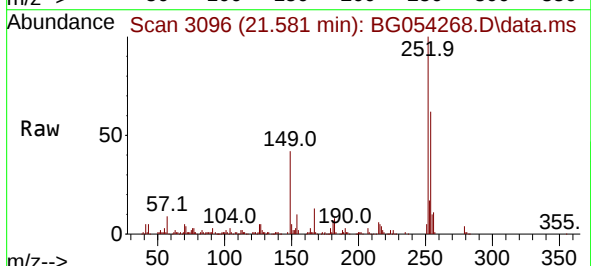
Manual Integrations  
APPROVED

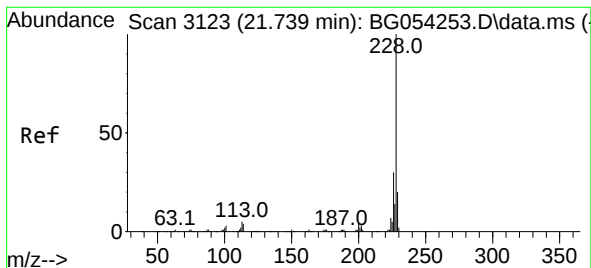
Reviewed By :Christian Giraldo 07/14/2022  
Supervised By :Jagrut Upadhyay 07/14/2022



#82  
3,3'-Dichlorobenzidine  
Concen: 42.416 ng  
RT: 21.581 min Scan# 3096  
Delta R.T. 0.001 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

Tgt Ion:252 Resp: 132109  
Ion Ratio Lower Upper  
252 100  
254 62.2 49.8 74.8  
126 5.0 6.0 9.0#





#83

Chrysene

Concen: 41.661 ng

RT: 21.734 min Scan# 3123

Delta R.T. -0.005 min

Lab File: BG054268.D

Acq: 13 Jul 2022 10:09

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 401539

Ion Ratio Lower Upper

228 100

226 31.1 23.4 35.2

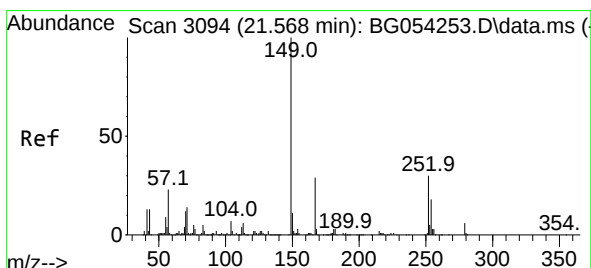
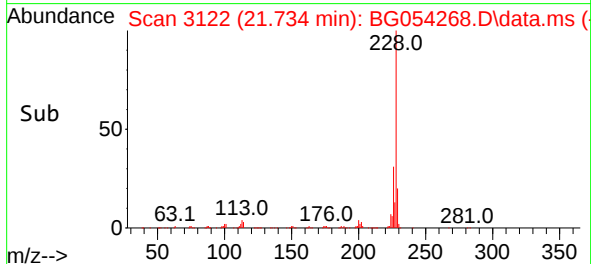
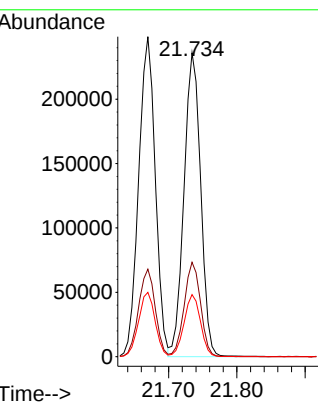
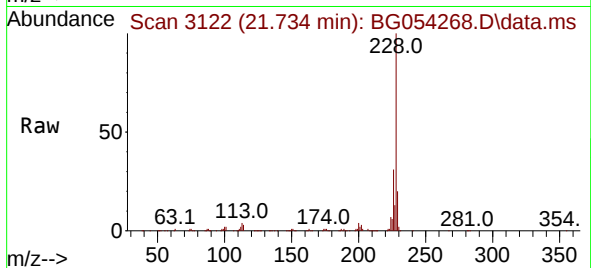
229 20.5 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/14/2022

Supervised By :Jagrut Upadhyay 07/14/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.517 ng

RT: 21.570 min Scan# 3094

Delta R.T. 0.001 min

Lab File: BG054268.D

Acq: 13 Jul 2022 10:09

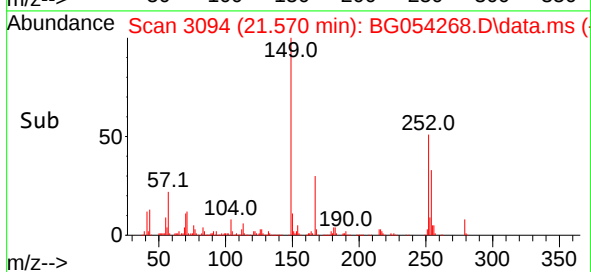
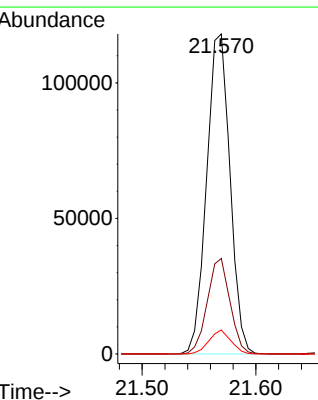
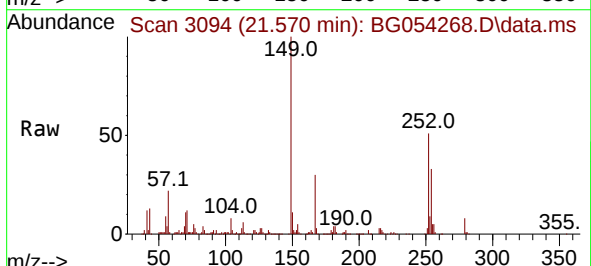
Tgt Ion:149 Resp: 168431

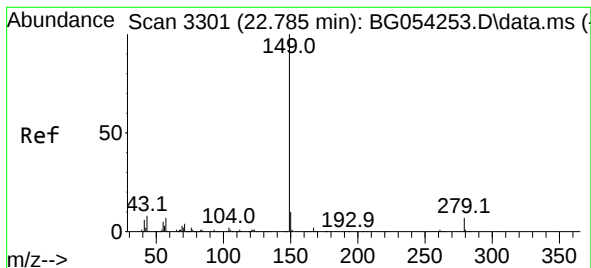
Ion Ratio Lower Upper

149 100

167 29.8 20.2 30.4

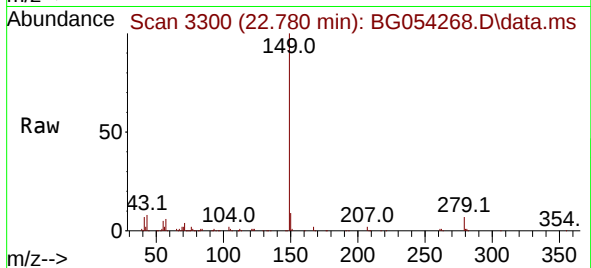
279 7.5 3.6 5.4#





#85  
Di-n-octyl phthalate  
Concen: 39.500 ng  
RT: 22.780 min Scan# 31  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

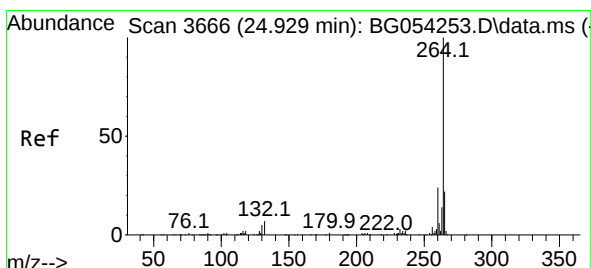
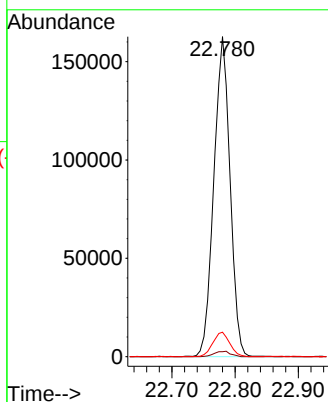
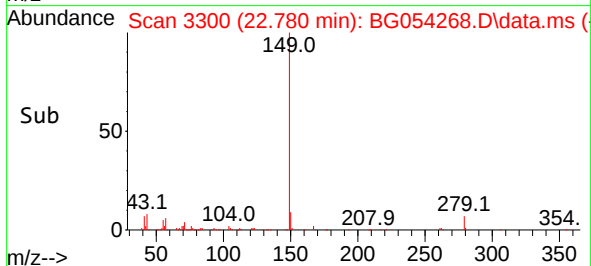
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:149 Resp: 289840  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 8.0 9.0 13.4

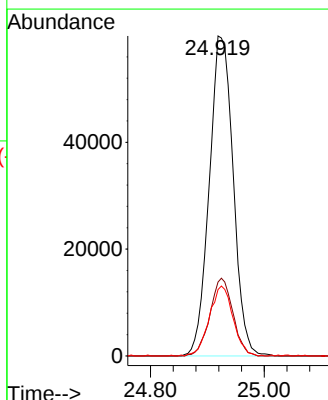
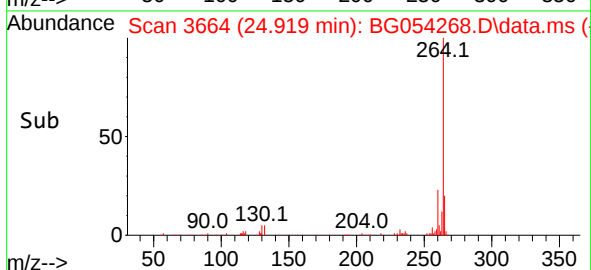
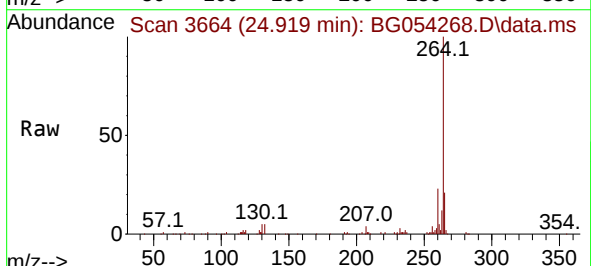
Manual Integrations  
APPROVED

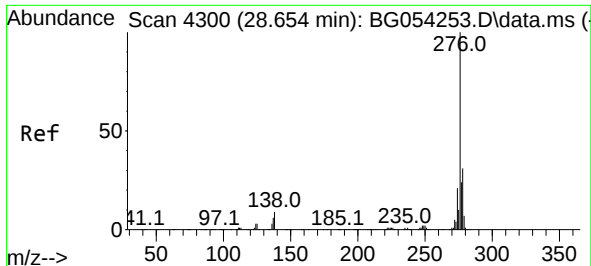
Reviewed By :Christian Giraldo 07/14/2022  
Supervised By :Jagrut Upadhyay 07/14/2022



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.919 min Scan# 3664  
Delta R.T. -0.010 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

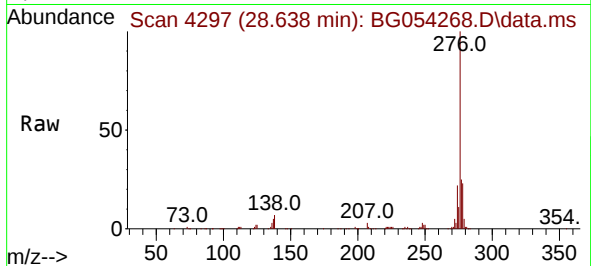
Tgt Ion:264 Resp: 175159  
Ion Ratio Lower Upper  
264 100  
260 23.1 19.0 28.6  
265 20.8 17.4 26.2





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 41.625 ng  
RT: 28.638 min Scan# 41  
Delta R.T. -0.016 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

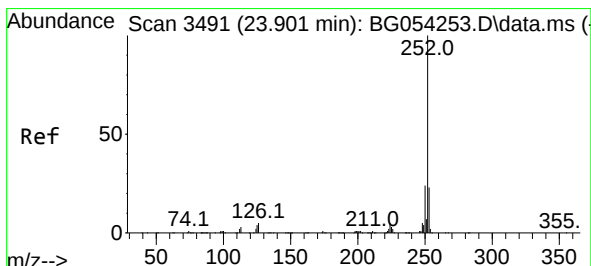
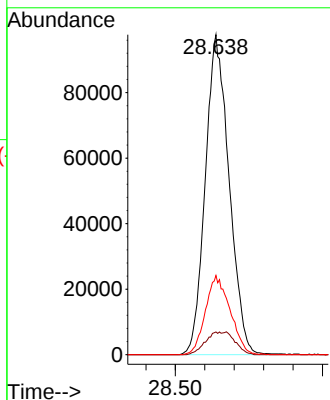
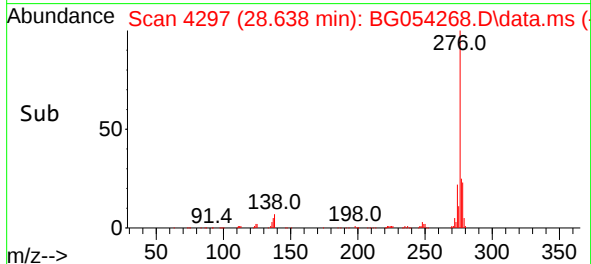
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:276 Resp: 548494  
Ion Ratio Lower Upper  
276 100  
138 3.9 5.0 7.4  
277 25.4 20.3 30.5

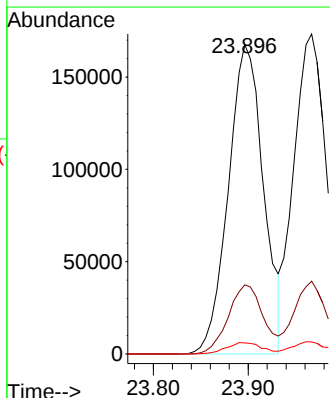
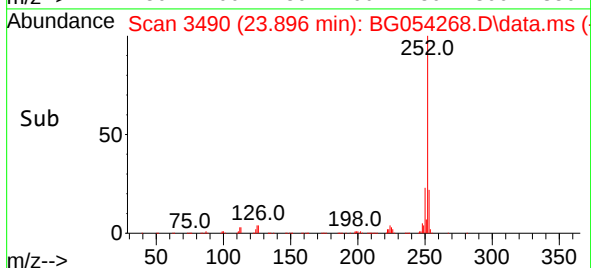
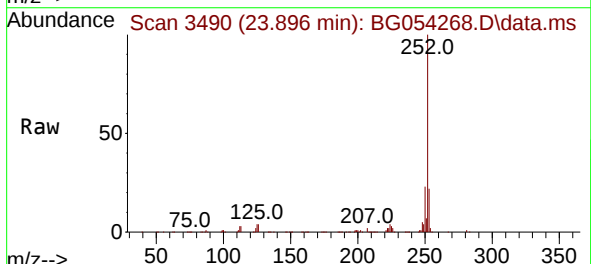
Manual Integrations  
APPROVED

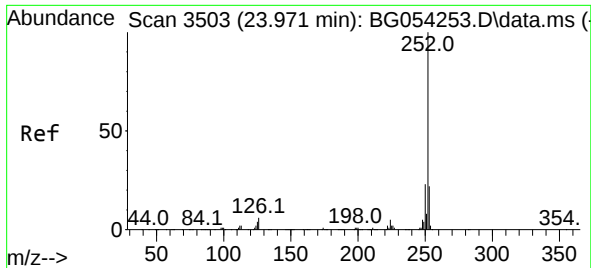
Reviewed By :Christian Giraldo 07/14/2022  
Supervised By :Jagrut Upadhyay 07/14/2022



#88  
Benzo(b)fluoranthene  
Concen: 41.562 ng  
RT: 23.896 min Scan# 3490  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

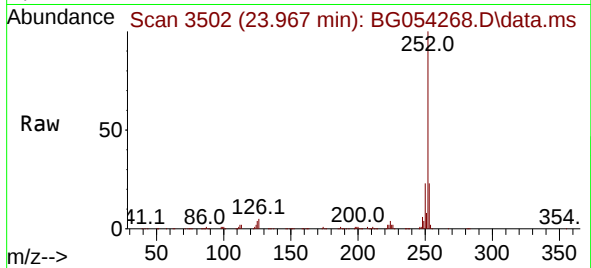
Tgt Ion:252 Resp: 431690  
Ion Ratio Lower Upper  
252 100  
253 22.3 18.0 27.0  
125 3.5 4.6 6.8





#89  
Benzo(k)fluoranthene  
Concen: 40.852 ng  
RT: 23.967 min Scan# 3503  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

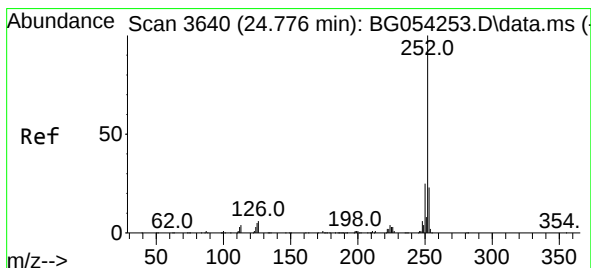
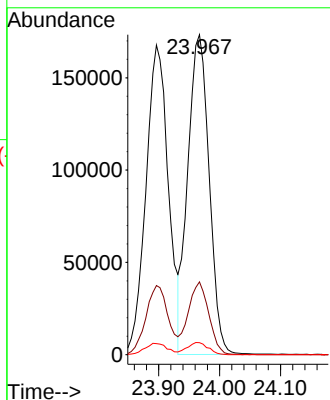
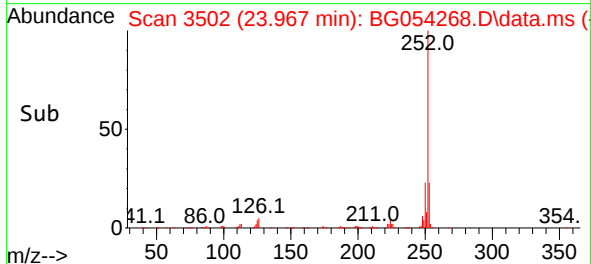
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



Tgt Ion:252 Resp: 420954  
Ion Ratio Lower Upper  
252 100  
253 22.8 18.4 27.6  
125 3.7 4.8 7.2

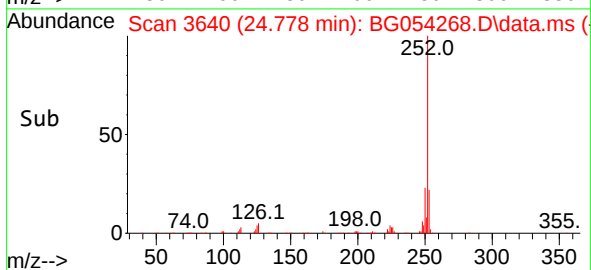
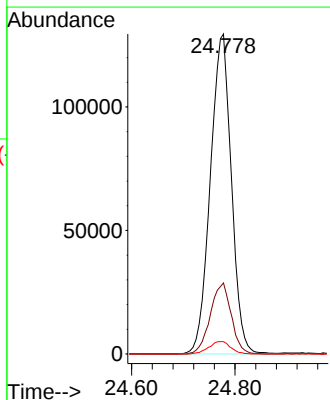
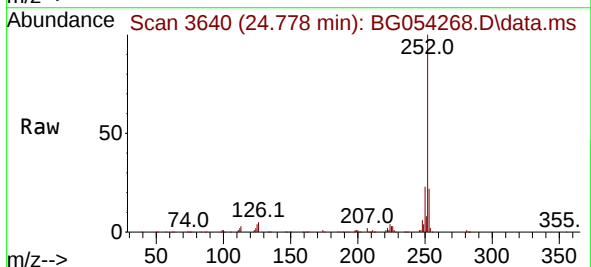
Manual Integrations  
APPROVED

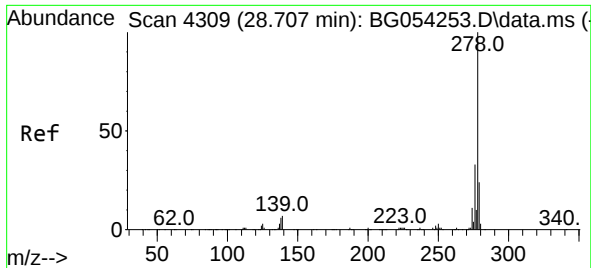
Reviewed By :Christian Giraldo 07/14/2022  
Supervised By :Jagrut Upadhyay 07/14/2022



#90  
Benzo(a)pyrene  
Concen: 41.129 ng  
RT: 24.778 min Scan# 3640  
Delta R.T. 0.001 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

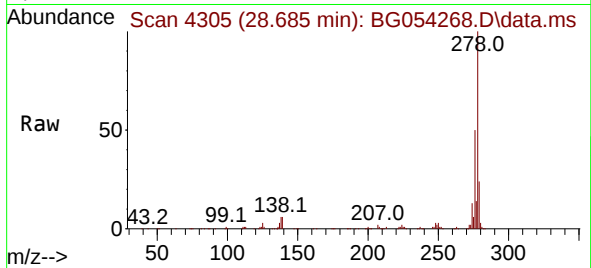
Tgt Ion:252 Resp: 365525  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.8 26.8  
125 3.9 4.3 6.5





#91  
Dibenzo(a,h)anthracene  
Concen: 41.667 ng  
RT: 28.685 min Scan# 41  
Delta R.T. -0.022 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09

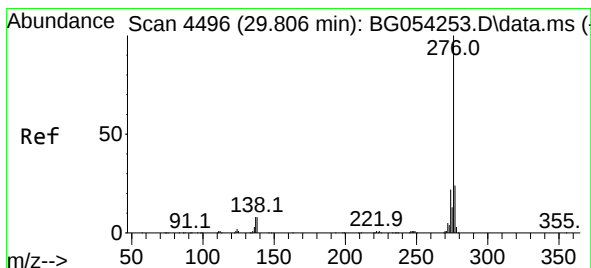
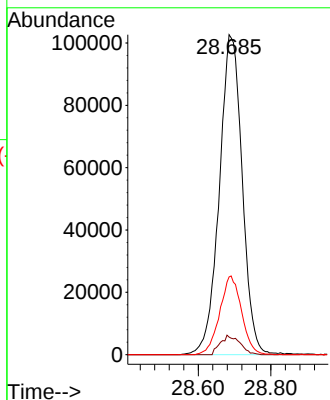
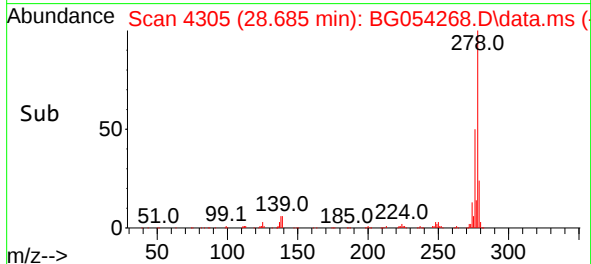
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040



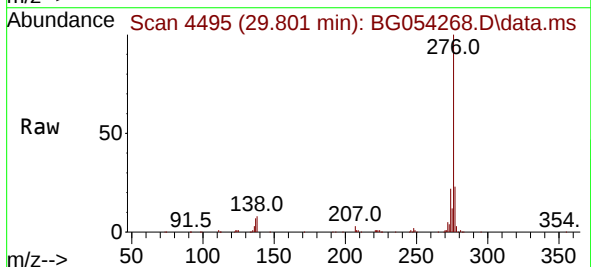
Tgt Ion:278 Resp: 44979  
Ion Ratio Lower Upper  
278 100  
139 5.5 7.2 10.8  
279 24.3 18.6 27.8

Manual Integrations  
APPROVED

Reviewed By :Christian Giraldo 07/14/2022  
Supervised By :Jagrut Upadhyay 07/14/2022



#92  
Benzo(g,h,i)perylene  
Concen: 41.473 ng  
RT: 29.801 min Scan# 4495  
Delta R.T. -0.005 min  
Lab File: BG054268.D  
Acq: 13 Jul 2022 10:09



Tgt Ion:276 Resp: 446542  
Ion Ratio Lower Upper  
276 100  
277 23.5 17.3 25.9  
138 7.6 9.6 14.4#

