

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040921\  
 Data File : BG048644.D  
 Acq On : 9 Apr 2021 13:59  
 Operator : CG/JU  
 Sample : PB135641BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB135641BS

Quant Time: Apr 09 15:47:36 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG033021.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 07 10:06:00 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.094  | 152  | 22004    | 20.00  | ng    | # 0.00   |
| 21) Naphthalene-d8            | 10.920 | 136  | 96460    | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.745 | 164  | 69559    | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.500 | 188  | 172146   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.795 | 240  | 165605   | 20.00  | ng    | # 0.00   |
| 86) Perylene-d12              | 25.138 | 264  | 162828   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.638  | 112  | 180714   | 145.00 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.248  | 99   | 224895   | 124.42 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.263  | 82   | 155114   | 77.85  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.237 | 330  | 128554   | 140.59 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.364 | 172  | 385284   | 82.33  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.109 | 244  | 802763   | 88.65  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.493  | 88   | 14386    | 28.69  | ng    | 96       |
| 3) Pyridine                   | 3.905  | 79   | 44106    | 35.08  | ng    | 96       |
| 4) n-Nitrosodimethylamine     | 3.811  | 42   | 36183    | 44.05  | ng    | 98       |
| 6) Aniline                    | 7.406  | 93   | 72150    | 34.75  | ng    | 93       |
| 8) 2-Chlorophenol             | 7.653  | 128  | 68197    | 48.42  | ng    | 91       |
| 9) Benzaldehyde               | 7.218  | 77   | 41081    | 35.56  | ng    | 92       |
| 10) Phenol                    | 7.277  | 94   | 84786    | 46.85  | ng    | 98       |
| 11) bis(2-Chloroethyl)ether   | 7.500  | 93   | 53415    | 42.54  | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 7.982  | 146  | 71180    | 44.86  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 8.129  | 146  | 75527    | 47.21  | ng    | 92       |
| 14) 1,2-Dichlorobenzene       | 8.446  | 146  | 71799    | 46.86  | ng    | 97       |
| 15) Benzyl Alcohol            | 8.329  | 79   | 67899    | 45.86  | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.611  | 45   | 52845    | 43.63  | ng    | 90       |
| 17) 2-Methylphenol            | 8.540  | 107  | 56522    | 48.27  | ng    | # 84     |
| 18) Hexachloroethane          | 9.187  | 117  | 25884    | 43.54  | ng    | # 83     |
| 19) n-Nitroso-di-n-propyla... | 8.899  | 70   | 51528    | 41.36  | ng    | # 97     |
| 20) 3+4-Methylphenols         | 8.863  | 107  | 76454    | 47.04  | ng    | 90       |
| 22) Acetophenone              | 8.916  | 105  | 104086   | 41.85  | ng    | 98       |
| 24) Nitrobenzene              | 9.304  | 77   | 79474    | 40.65  | ng    | 100      |
| 25) Isophorone                | 9.827  | 82   | 144097   | 39.16  | ng    | 97       |
| 26) 2-Nitrophenol             | 10.021 | 139  | 39378    | 43.83  | ng    | 99       |
| 27) 2,4-Dimethylphenol        | 10.080 | 122  | 71077    | 50.28  | ng    | 90       |
| 28) bis(2-Chloroethoxy)met... | 10.315 | 93   | 74686    | 44.29  | ng    | # 95     |
| 29) 2,4-Dichlorophenol        | 10.561 | 162  | 72350    | 45.20  | ng    | 93       |
| 30) 1,2,4-Trichlorobenzene    | 10.779 | 180  | 79810    | 43.39  | ng    | 96       |
| 31) Naphthalene               | 10.973 | 128  | 212959   | 42.94  | ng    | 99       |
| 32) Benzoic acid              | 10.209 | 122  | 41548    | 38.21  | ng    | 95       |
| 33) 4-Chloroaniline           | 11.073 | 127  | 49982    | 23.88  | ng    | 97       |
| 34) Hexachlorobutadiene       | 11.249 | 225  | 58731    | 43.72  | ng    | 96       |
| 35) Caprolactam               | 11.848 | 113  | 20698    | 35.44  | ng    | # 80     |
| 36) 4-Chloro-3-methylphenol   | 12.195 | 107  | 77267    | 42.99  | ng    | 98       |
| 37) 2-Methylnaphthalene       | 12.571 | 142  | 164935   | 41.77  | ng    | 96       |
| 38) 1-Methylnaphthalene       | 12.794 | 142  | 155477   | 41.29  | ng    | 100      |
| 40) 1,2,4,5-Tetrachloroben... | 12.941 | 216  | 97150    | 45.05  | ng    | 97       |
| 41) Hexachlorocyclopentadiene | 12.917 | 237  | 124926   | 100.01 | ng    | 90       |
| 43) 2,4,6-Trichlorophenol     | 13.176 | 196  | 66435    | 44.82  | ng    | 93       |

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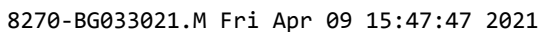
Instrument :  
 BNA\_G  
 ClientSampleId :  
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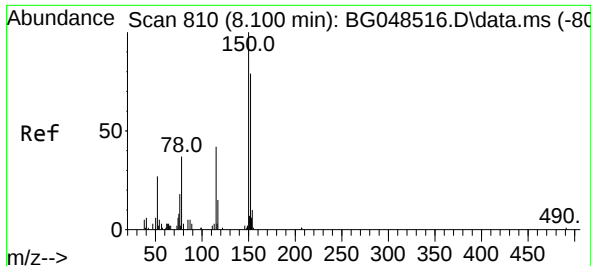
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.252 | 196  | 71805    | 45.28  | ng    | 97       |
| 46) 1,1'-Biphenyl             | 13.576 | 154  | 224051   | 44.08  | ng    | 99       |
| 47) 2-Chloronaphthalene       | 13.623 | 162  | 167851   | 43.35  | ng    | 97       |
| 48) 2-Nitroaniline            | 13.822 | 65   | 56668    | 46.04  | ng    | 91       |
| 49) Acenaphthylene            | 14.469 | 152  | 284820   | 46.92  | ng    | 98       |
| 50) Dimethylphthalate         | 14.192 | 163  | 236145   | 45.74  | ng    | 97       |
| 51) 2,6-Dinitrotoluene        | 14.310 | 165  | 52251    | 44.24  | ng    | 98       |
| 52) Acenaphthene              | 14.809 | 154  | 176257   | 40.14  | ng    | 97       |
| 53) 3-Nitroaniline            | 14.651 | 138  | 37660    | 32.51  | ng    | # 76     |
| 54) 2,4-Dinitrophenol         | 14.851 | 184  | 67551    | 101.71 | ng    | 89       |
| 55) Dibenzofuran              | 15.144 | 168  | 275185   | 42.91  | ng    | 97       |
| 56) 4-Nitrophenol             | 14.962 | 139  | 92214    | 98.63  | ng    | # 84     |
| 57) 2,4-Dinitrotoluene        | 15.103 | 165  | 81324    | 48.67  | ng    | 96       |
| 58) Fluorene                  | 15.791 | 166  | 236880   | 44.13  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.368 | 232  | 71022    | 45.91  | ng    | 98       |
| 60) Diethylphthalate          | 15.556 | 149  | 250109   | 47.15  | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 15.785 | 204  | 129954   | 45.00  | ng    | 98       |
| 62) 4-Nitroaniline            | 15.814 | 138  | 55306    | 45.65  | ng    | 96       |
| 63) Azobenzene                | 16.078 | 77   | 209897   | 40.22  | ng    | 94       |
| 65) 4,6-Dinitro-2-methylph... | 15.867 | 198  | 47967    | 46.37  | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.996 | 169  | 214856   | 43.87  | ng    | 96       |
| 67) 4-Bromophenyl-phenylether | 16.678 | 248  | 86999    | 45.59  | ng    | 96       |
| 68) Hexachlorobenzene         | 16.795 | 284  | 94897    | 47.63  | ng    | 98       |
| 69) Atrazine                  | 16.942 | 200  | 97021    | 48.57  | ng    | 95       |
| 70) Pentachlorophenol         | 17.148 | 266  | 118025   | 95.30  | ng    | 91       |
| 71) Phenanthrene              | 17.541 | 178  | 406312   | 45.47  | ng    | 98       |
| 72) Anthracene                | 17.630 | 178  | 421678   | 47.35  | ng    | 98       |
| 73) Carbazole                 | 17.900 | 167  | 382272   | 45.27  | ng    | 97       |
| 74) Di-n-butylphthalate       | 18.452 | 149  | 463905   | 49.17  | ng    | 98       |
| 75) Fluoranthene              | 19.551 | 202  | 523500   | 47.25  | ng    | 96       |
| 77) Benzidine                 | 19.727 | 184  | 202612   | 36.13  | ng    | 97       |
| 78) Pyrene                    | 19.915 | 202  | 524264   | 46.04  | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.791 | 149  | 204754   | 48.41  | ng    | 94       |
| 81) Benzo(a)anthracene        | 21.772 | 228  | 521308   | 47.11  | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine    | 21.684 | 252  | 138772   | 36.51  | ng    | 94       |
| 83) Chrysene                  | 21.842 | 228  | 491897   | 46.59  | ng    | 97       |
| 84) Bis(2-ethylhexyl)phtha... | 21.666 | 149  | 295132   | 50.10  | ng    | # 99     |
| 85) Di-n-octyl phthalate      | 22.918 | 149  | 490998   | 47.81  | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.981 | 276  | 545485   | 47.79  | ng    | # 73     |
| 88) Benzo(b)fluoranthene      | 24.069 | 252  | 524088   | 49.56  | ng    | 98       |
| 89) Benzo(k)fluoranthene      | 24.140 | 252  | 484358   | 47.64  | ng    | 100      |
| 90) Benzo(a)pyrene            | 24.980 | 252  | 460956   | 47.29  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene    | 29.046 | 278  | 455583   | 46.76  | ng    | 99       |
| 92) Benzo(g,h,i)perylene      | 30.174 | 276  | 403832   | 42.32  | ng    | 96       |

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

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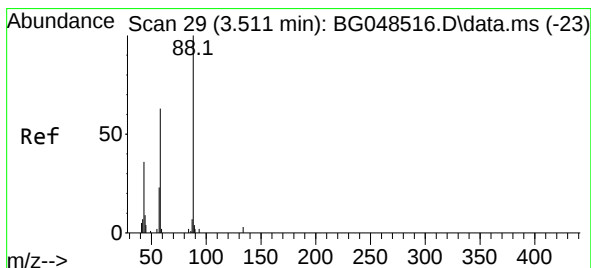
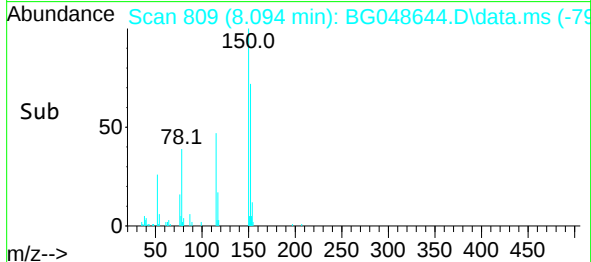
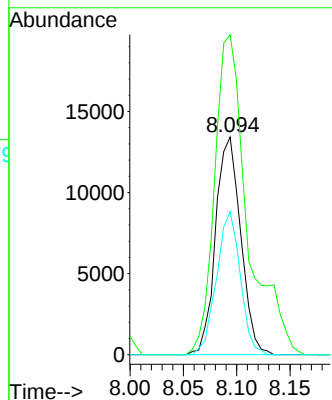
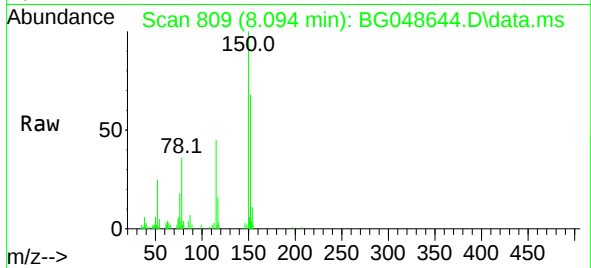




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.094 min Scan# 809  
Delta R.T. -0.006 min  
Lab File: BG048644.D  
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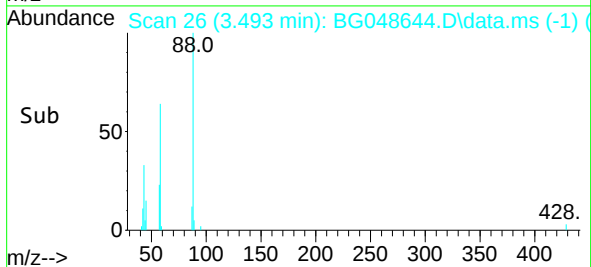
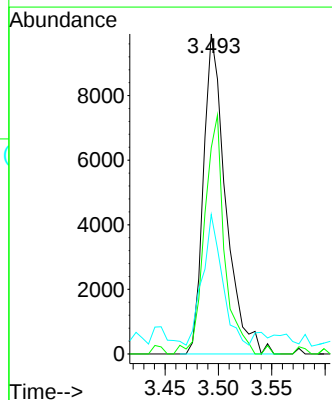
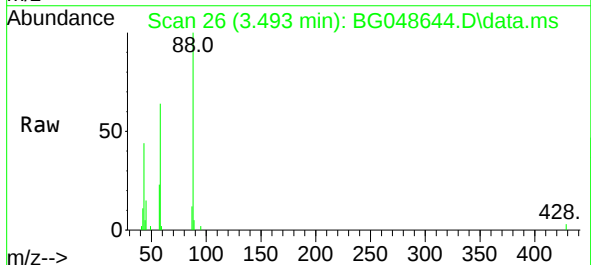
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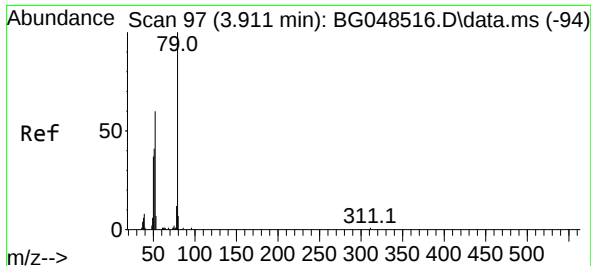
Tgt Ion:152 Resp: 22004  
Ion Ratio Lower Upper  
152 100  
150 147.1 101.3 151.9  
115 65.7 42.3 63.5#



#2  
1,4-Dioxane  
Concen: 28.69 ng  
RT: 3.493 min Scan# 26  
Delta R.T. -0.018 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

Tgt Ion: 88 Resp: 14386  
Ion Ratio Lower Upper  
88 100  
58 66.7 55.0 82.6  
43 36.0 26.2 39.4

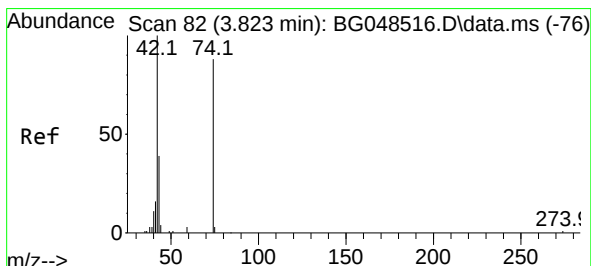
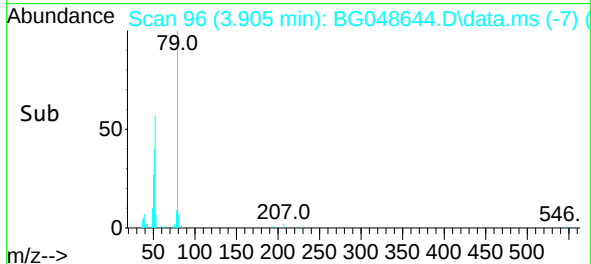
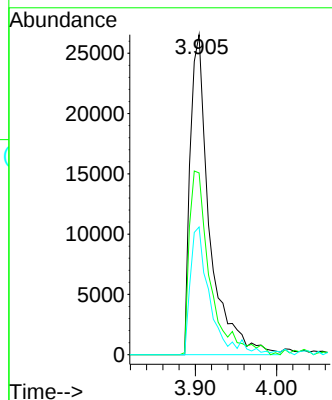
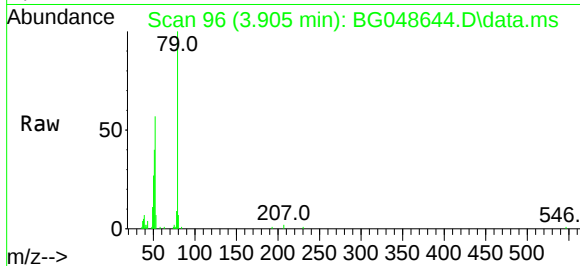




#3  
Pyridine  
Concen: 35.08 ng  
RT: 3.905 min Scan# 96  
Delta R.T. -0.006 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

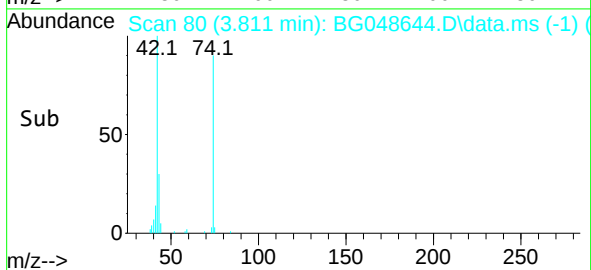
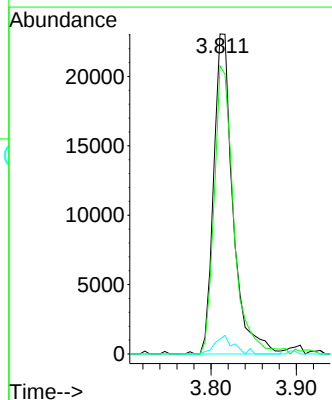
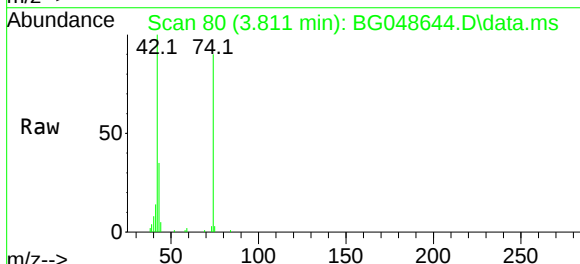
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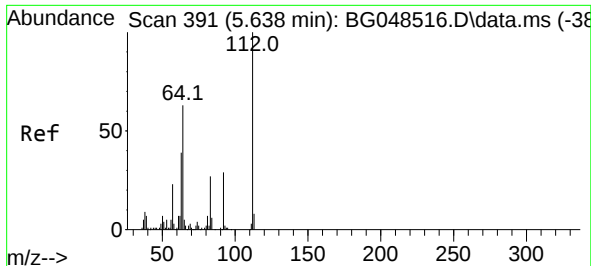
Tgt Ion: 79 Resp: 44106  
Ion Ratio Lower Upper  
79 100  
52 56.8 48.2 72.2  
51 39.9 33.2 49.8



#4  
n-Nitrosodimethylamine  
Concen: 44.05 ng  
RT: 3.811 min Scan# 80  
Delta R.T. -0.012 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

Tgt Ion: 42 Resp: 36183  
Ion Ratio Lower Upper  
42 100  
74 90.0 70.6 105.8  
44 4.7 3.5 5.3

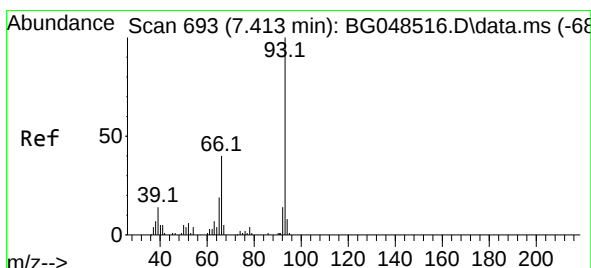
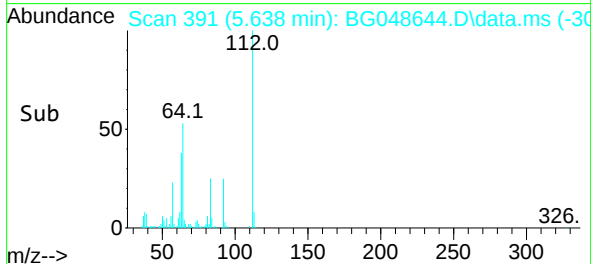
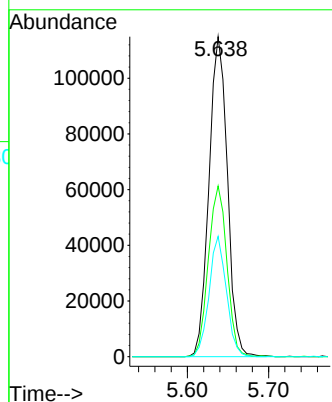
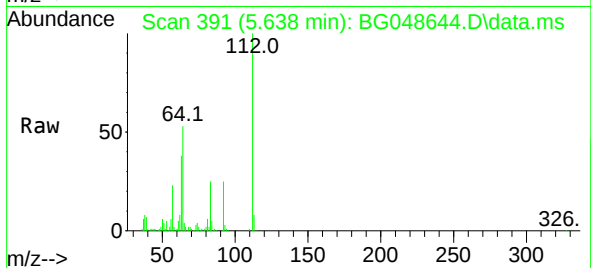




#5  
2-Fluorophenol  
Concen: 145.00 ng  
RT: 5.638 min Scan# 391  
Delta R.T. -0.001 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

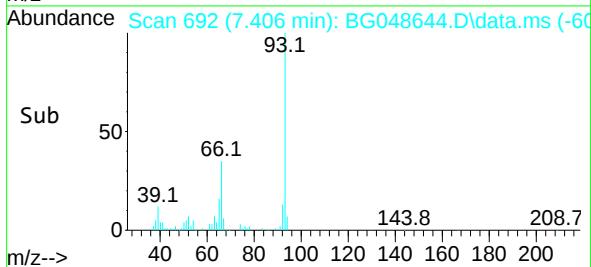
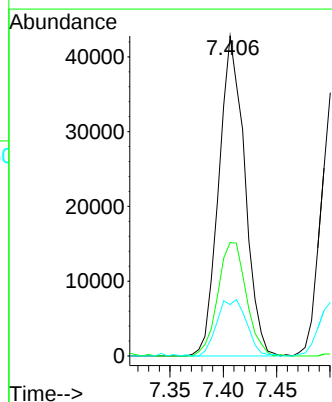
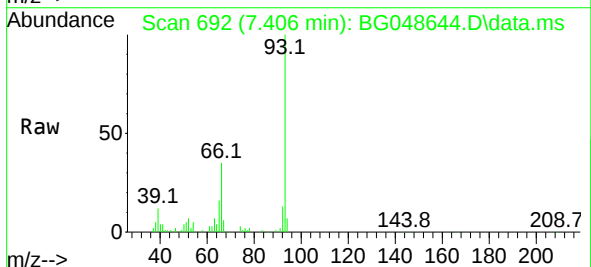
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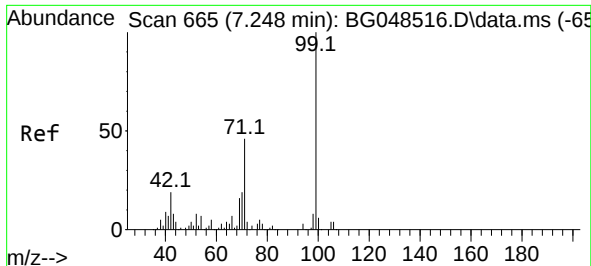
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Ion Ratio Lower Upper  
112 100  
64 53.4 50.4 75.6  
63 37.6 31.4 47.2



#6  
Aniline  
Concen: 34.75 ng  
RT: 7.406 min Scan# 692  
Delta R.T. -0.006 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

Tgt Ion: 93 Resp: 72150  
Ion Ratio Lower Upper  
93 100  
66 35.4 31.8 47.6  
65 16.0 15.2 22.8

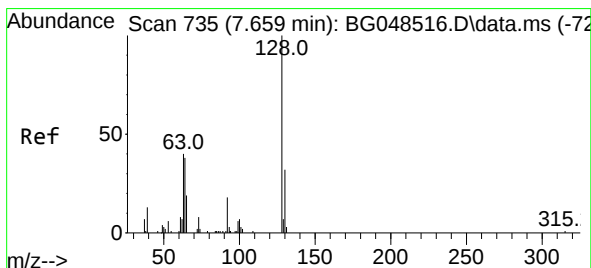
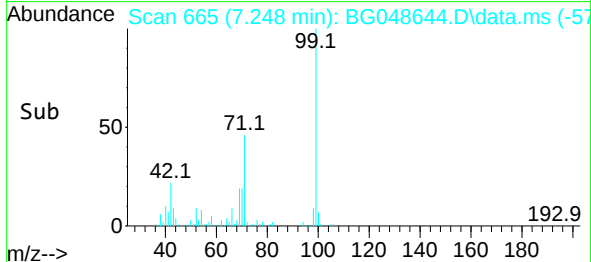
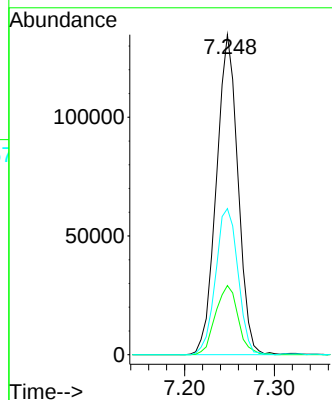
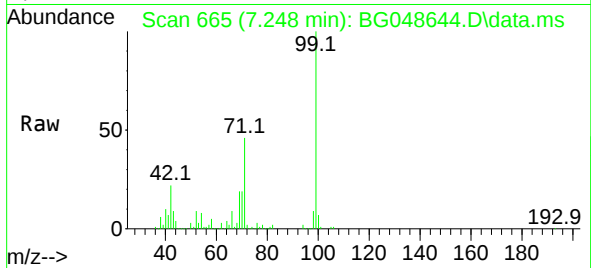




#7  
Phenol-d6  
Concen: 124.42 ng  
RT: 7.248 min Scan# 665  
Delta R.T. -0.001 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

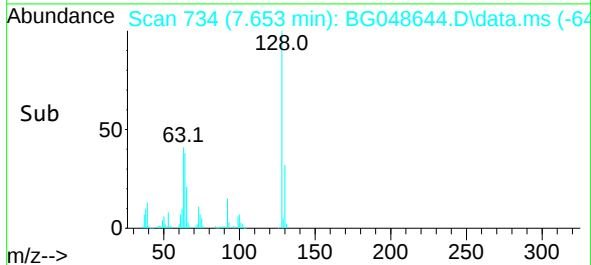
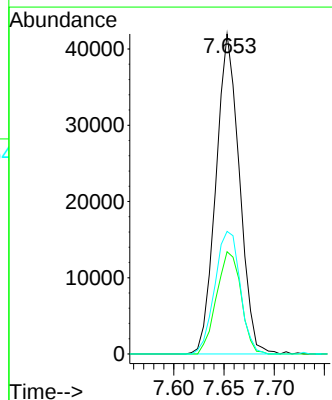
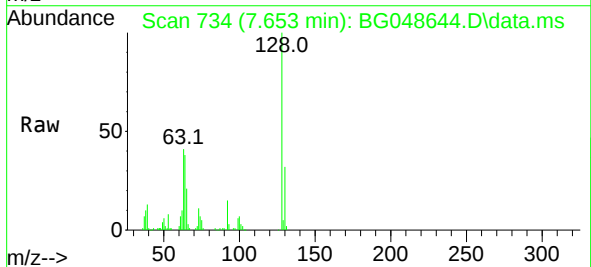
Instrument :  
BNA\_G  
ClientSampleId :  
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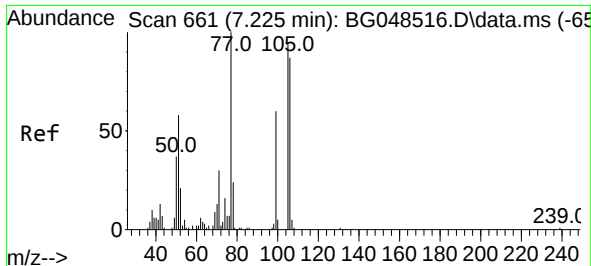
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Ion Ratio Lower Upper  
99 100  
42 21.6 15.5 23.3  
71 45.6 36.6 54.8



#8  
2-Chlorophenol  
Concen: 48.42 ng  
RT: 7.653 min Scan# 734  
Delta R.T. -0.006 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

Tgt Ion:128 Resp: 68197  
Ion Ratio Lower Upper  
128 100  
130 31.9 12.4 52.4  
64 38.3 27.6 67.6

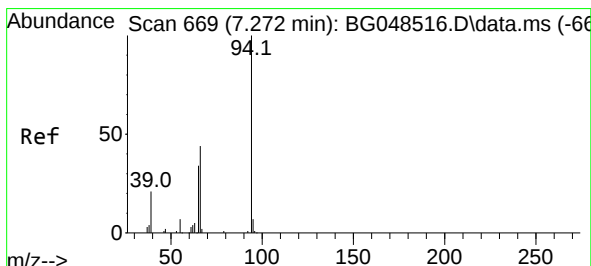
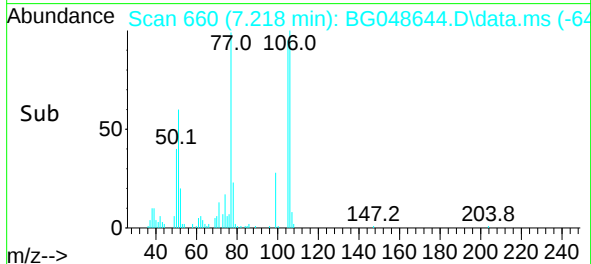
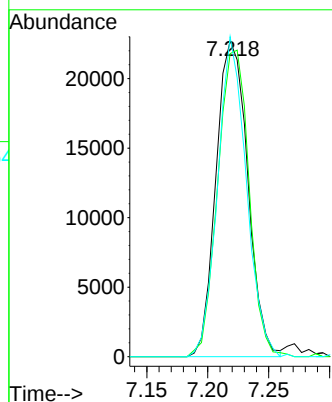
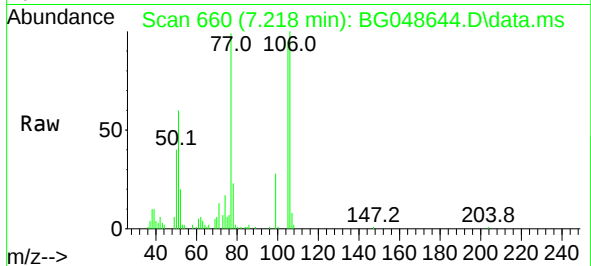




#9  
Benzaldehyde  
Concen: 35.56 ng  
RT: 7.218 min Scan# 660  
Delta R.T. -0.006 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

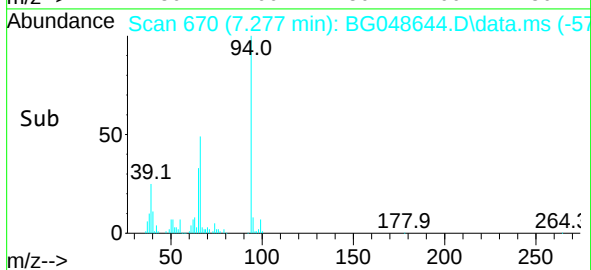
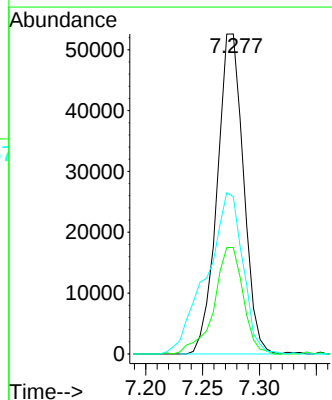
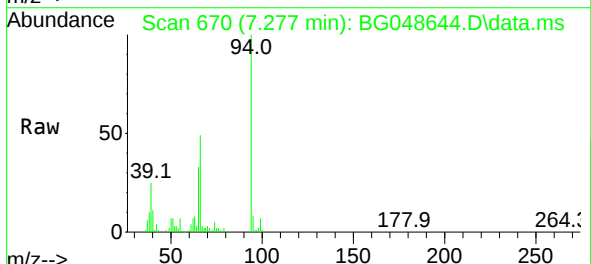
Instrument :  
BNA\_G  
ClientSampleId :  
PB135641BS

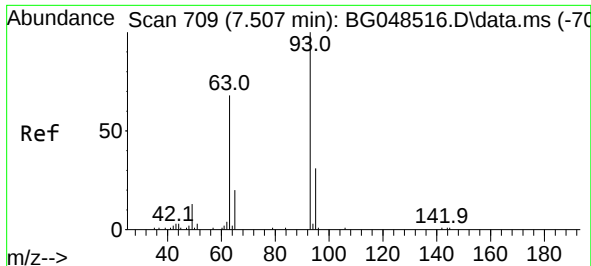
Tgt Ion: 77 Resp: 41081  
Ion Ratio Lower Upper  
77 100  
105 96.0 75.2 115.2  
106 101.3 66.5 106.5



#10  
Phenol  
Concen: 46.85 ng  
RT: 7.277 min Scan# 670  
Delta R.T. 0.005 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

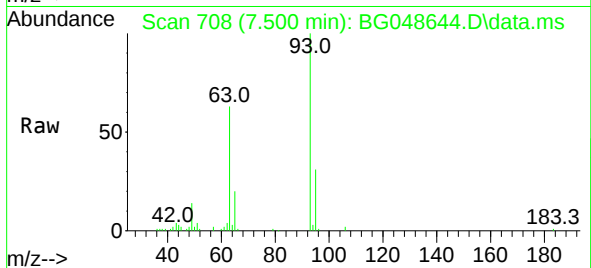
Tgt Ion: 94 Resp: 84786  
Ion Ratio Lower Upper  
94 100  
65 33.3 15.1 55.1  
66 49.2 28.9 68.9



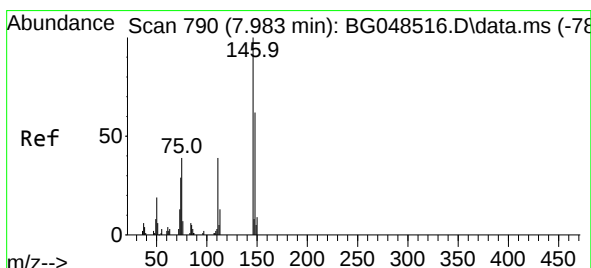
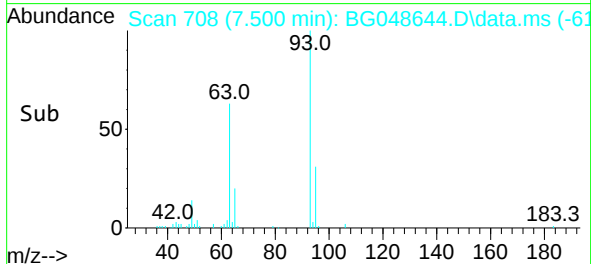
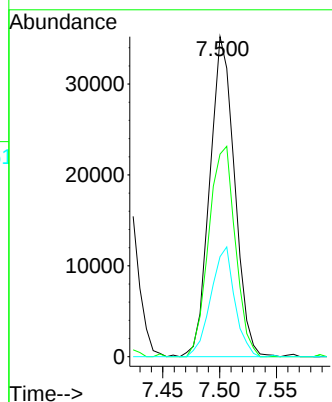


#11  
bis(2-Chloroethyl)ether  
Concen: 42.54 ng  
RT: 7.500 min Scan# 708  
Delta R.T. -0.006 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

Instrument :  
BNA\_G  
ClientSampleId :  
PB135641BS

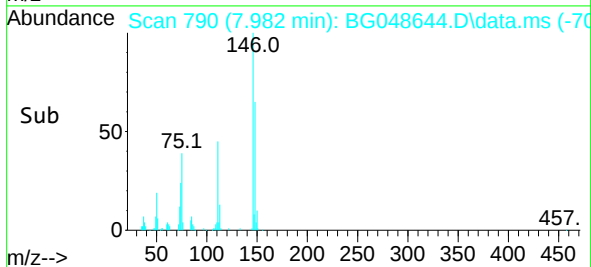
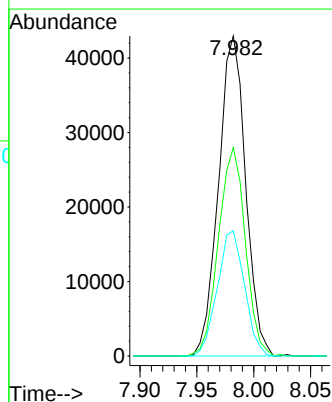
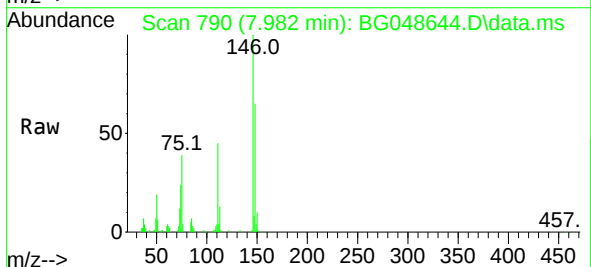


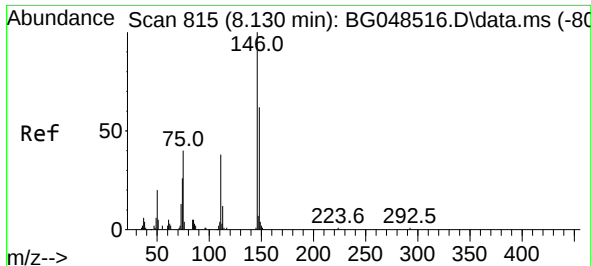
Tgt Ion: 93 Resp: 53415  
Ion Ratio Lower Upper  
93 100  
63 63.3 47.5 87.5  
95 31.2 11.1 51.1



#12  
1,3-Dichlorobenzene  
Concen: 44.86 ng  
RT: 7.982 min Scan# 790  
Delta R.T. -0.001 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

Tgt Ion: 146 Resp: 71180  
Ion Ratio Lower Upper  
146 100  
148 65.2 49.7 74.5  
75 39.1 30.9 46.3

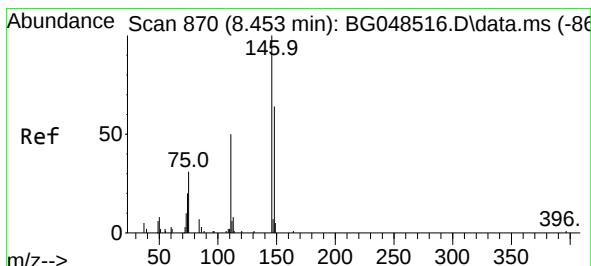
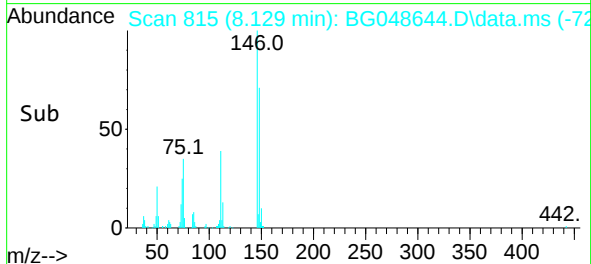
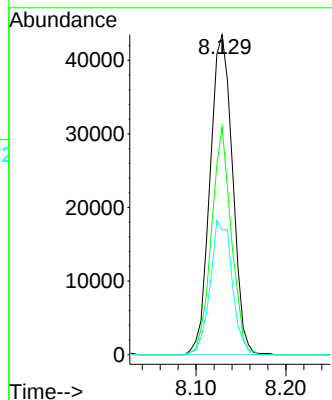
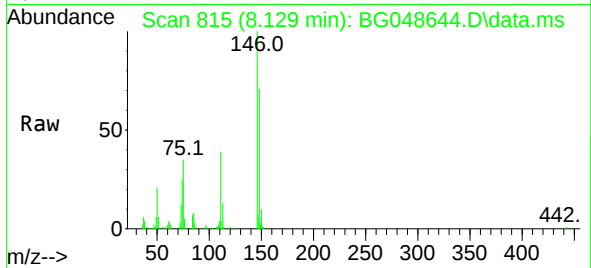




#13  
1,4-Dichlorobenzene  
Concen: 47.21 ng  
RT: 8.129 min Scan# 815  
Delta R.T. -0.001 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

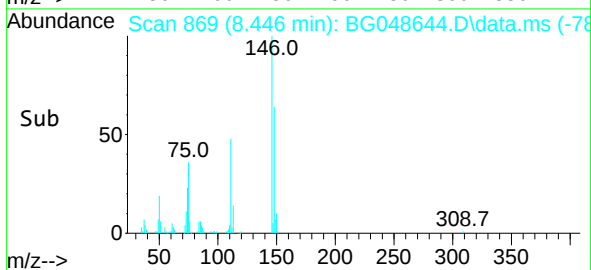
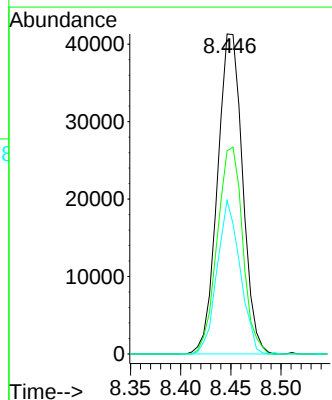
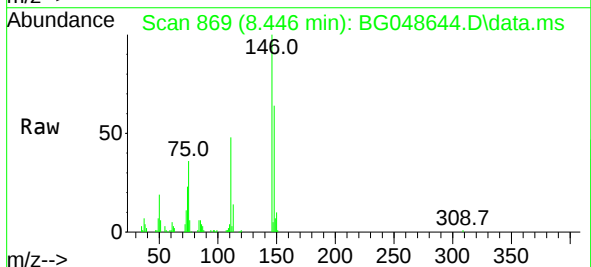
Instrument :  
BNA\_G  
ClientSampleId :  
PB135641BS

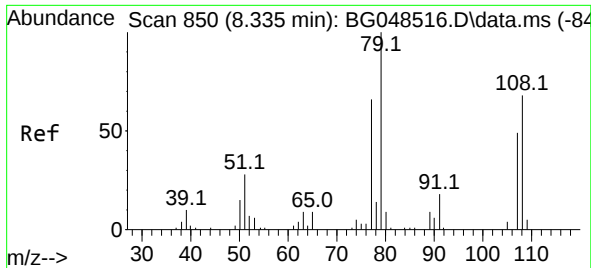
Tgt Ion:146 Resp: 75527  
Ion Ratio Lower Upper  
146 100  
148 71.2 49.7 74.5  
111 39.0 30.5 45.7



#14  
1,2-Dichlorobenzene  
Concen: 46.86 ng  
RT: 8.446 min Scan# 869  
Delta R.T. -0.006 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

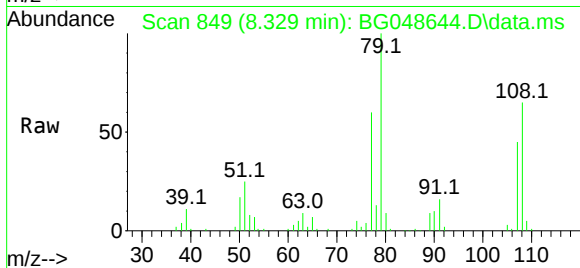
Tgt Ion:146 Resp: 71799  
Ion Ratio Lower Upper  
146 100  
148 63.5 51.5 77.3  
111 48.0 41.8 62.8



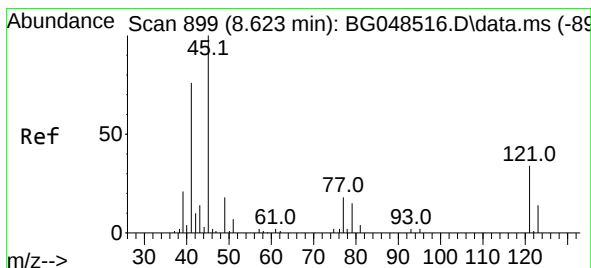
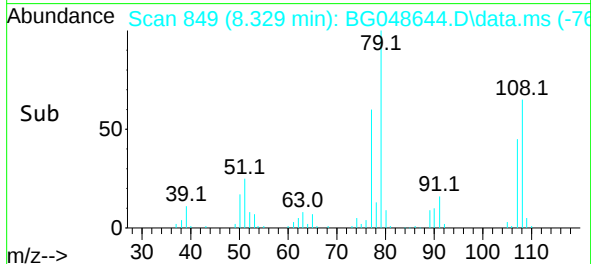
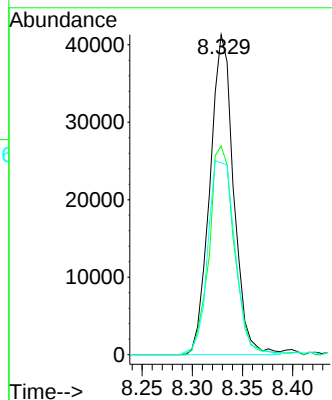


#15  
Benzyl Alcohol  
Concen: 45.86 ng  
RT: 8.329 min Scan# 849  
Delta R.T. -0.006 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

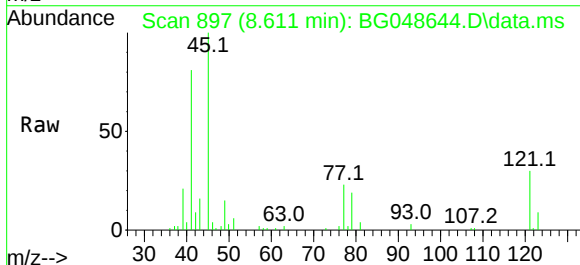
Instrument :  
BNA\_G  
ClientSampleId :  
PB135641BS



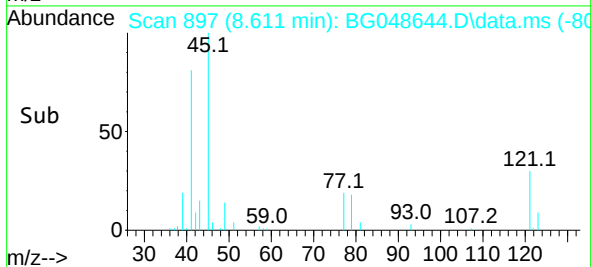
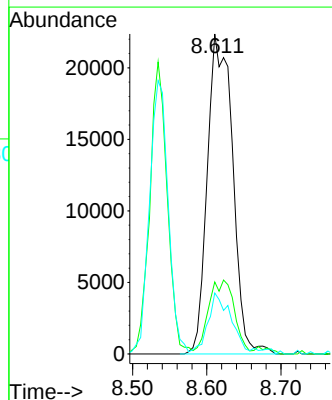
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 79    | Resp: | 67899 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 108       | 65.2  | 54.1  | 81.1  |
| 77        | 59.9  | 52.6  | 79.0  |

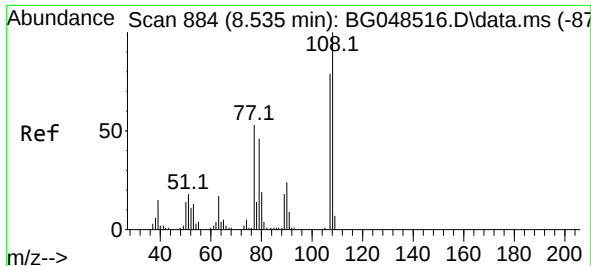


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 43.63 ng  
RT: 8.611 min Scan# 897  
Delta R.T. -0.012 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 45    | Resp: | 52845 |
| Ion Ratio | Lower | Upper |       |
| 45        | 100   |       |       |
| 77        | 22.5  | 0.0   | 38.4  |
| 79        | 19.1  | 0.0   | 34.5  |

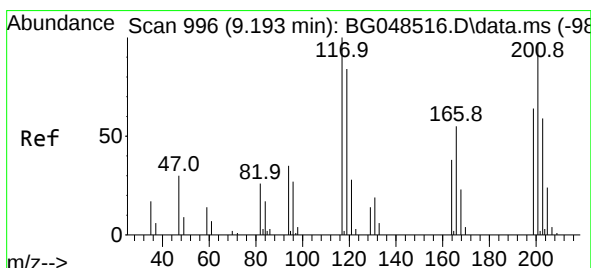
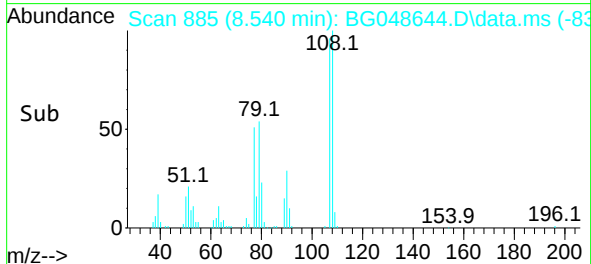
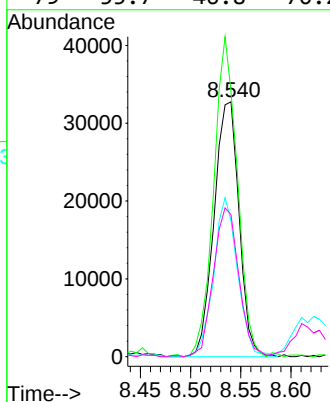
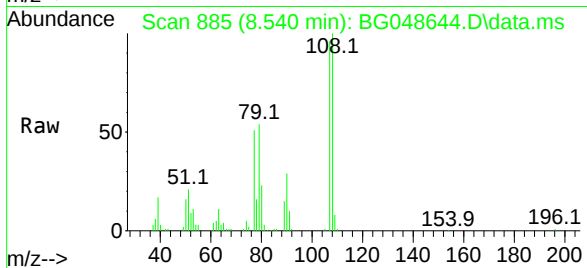




#17  
2-Methylphenol  
Concen: 48.27 ng  
RT: 8.540 min Scan# 885  
Delta R.T. 0.005 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

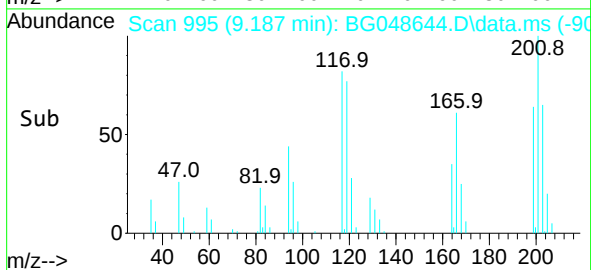
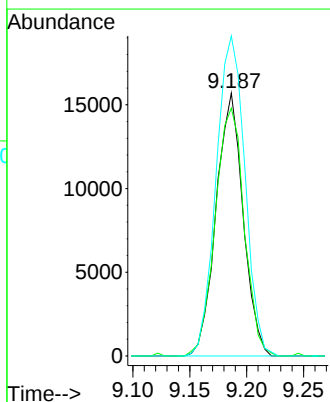
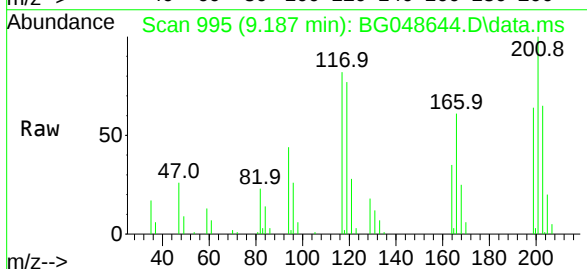
Instrument :  
BNA\_G  
ClientSampleId :  
PB135641BS

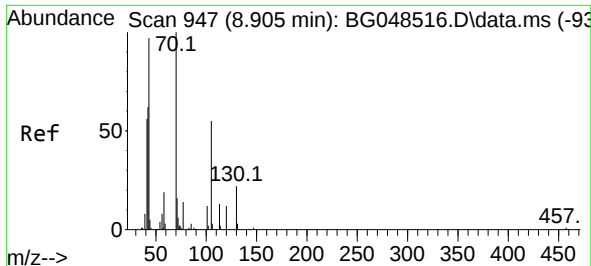
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 56522 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 104.0 | 101.7 | 152.5 |
| 77       | 53.3  | 54.4  | 81.6# |
| 79       | 55.7  | 46.8  | 70.2  |



#18  
Hexachloroethane  
Concen: 43.54 ng  
RT: 9.187 min Scan# 995  
Delta R.T. -0.006 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 25884  |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 94.3  | 67.0  | 100.6  |
| 201      | 121.7 | 79.8  | 119.6# |

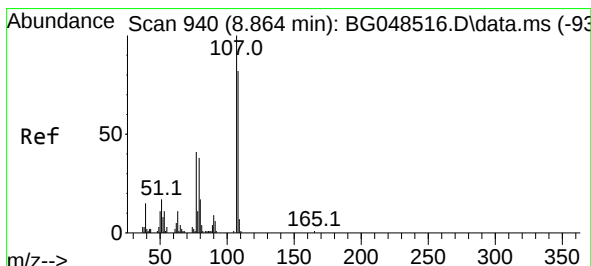
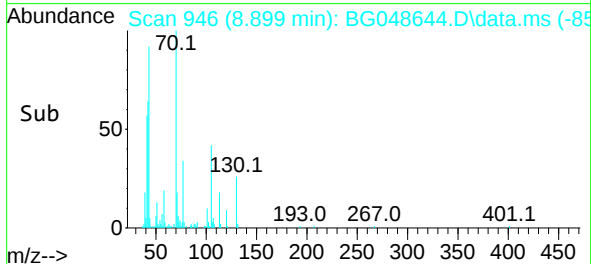
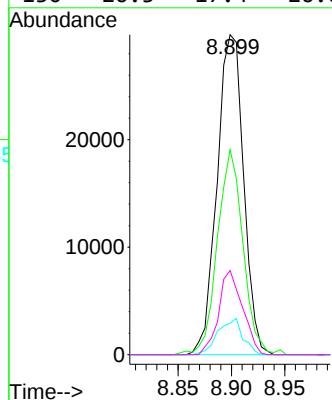
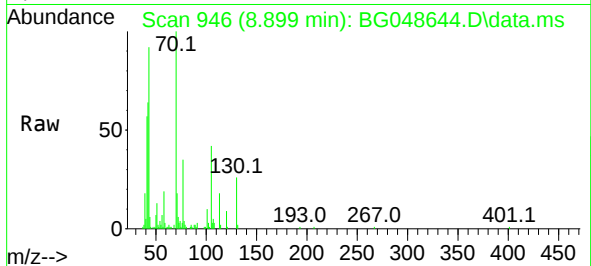




#19  
n-Nitroso-di-n-propylamine  
Concen: 41.36 ng  
RT: 8.899 min Scan# 946  
Delta R.T. -0.006 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

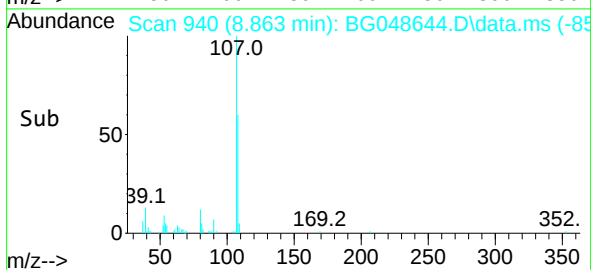
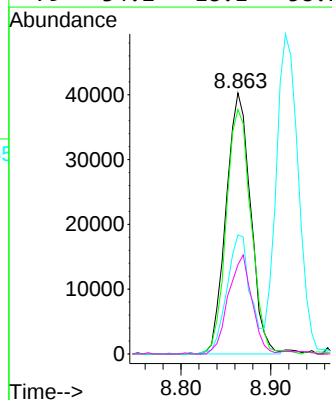
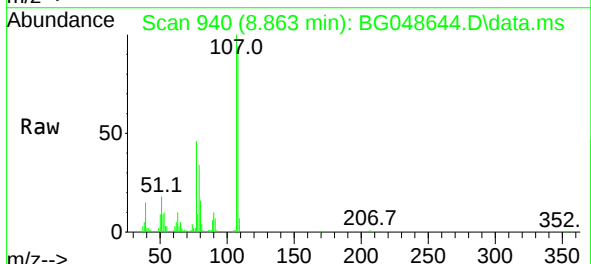
Instrument :  
BNA\_G  
ClientSampleId :  
PB135641BS

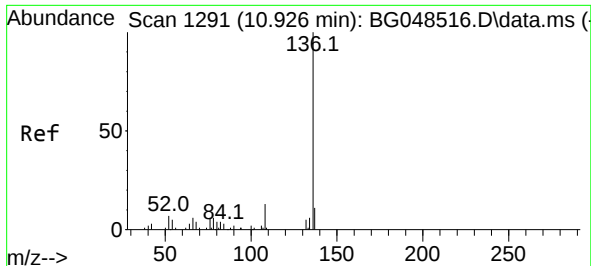
Tgt Ion: 70 Resp: 51528  
Ion Ratio Lower Upper  
70 100  
42 64.1 50.8 76.2  
101 9.8 9.7 14.5  
130 26.3 17.4 26.0#



#20  
3+4-Methylphenols  
Concen: 47.04 ng  
RT: 8.863 min Scan# 940  
Delta R.T. -0.001 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

Tgt Ion: 107 Resp: 76454  
Ion Ratio Lower Upper  
107 100  
108 93.6 62.3 102.3  
77 45.6 21.3 61.3  
79 34.2 18.1 58.1

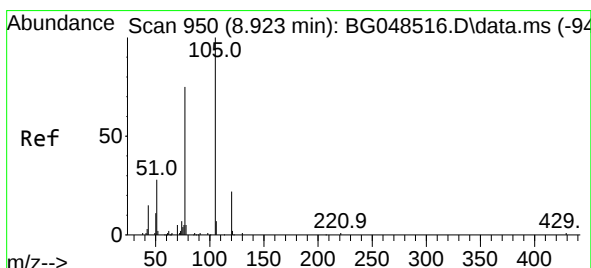
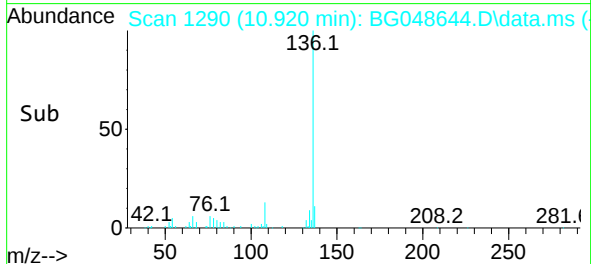
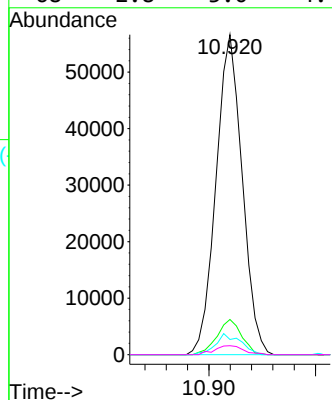
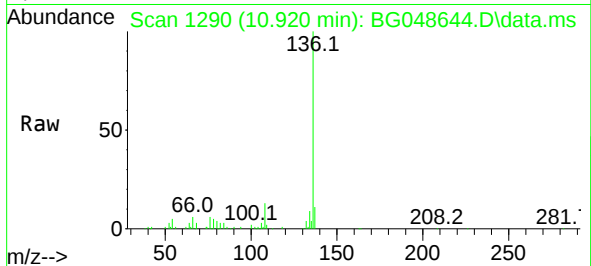




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.920 min Scan# 1290  
Delta R.T. -0.006 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

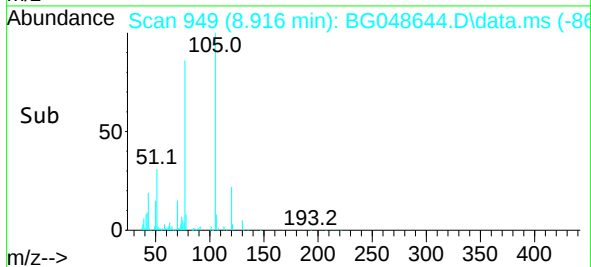
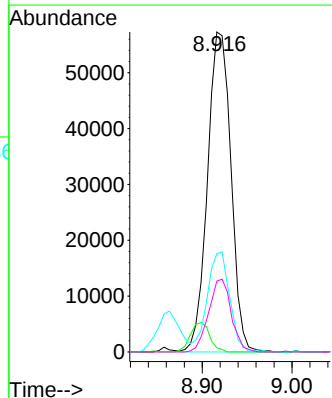
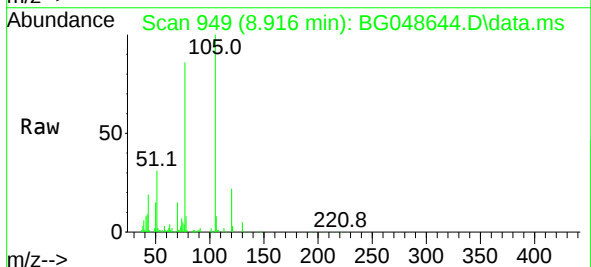
Instrument :  
BNA\_G  
ClientSampleId :  
PB135641BS

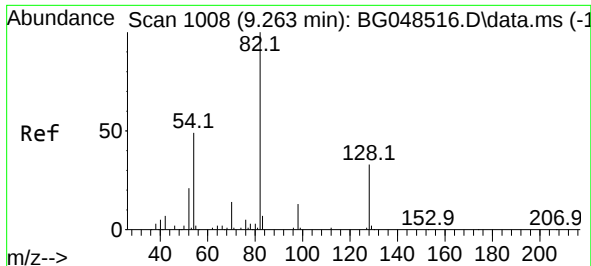
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:136 | Resp: | 96460    |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.0  | 8.6 12.8 |
| 54          | 4.7   | 4.2 6.4  |
| 68          | 2.8   | 3.0 4.4# |



#22  
Acetophenone  
Concen: 41.85 ng  
RT: 8.916 min Scan# 949  
Delta R.T. -0.006 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 104086    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 1.3   | 1.1 1.7   |
| 51          | 30.7  | 26.1 39.1 |
| 120         | 22.2  | 17.5 26.3 |

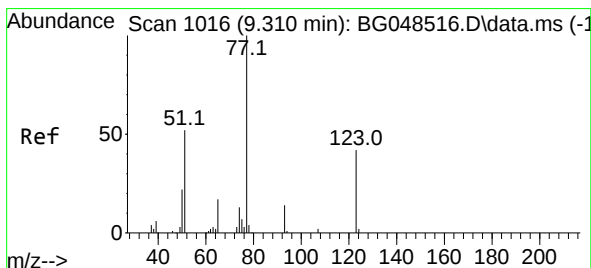
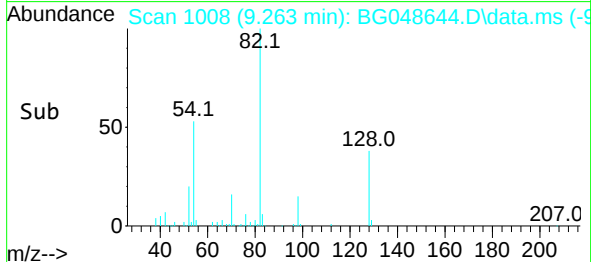
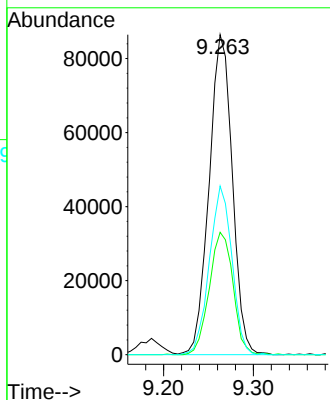
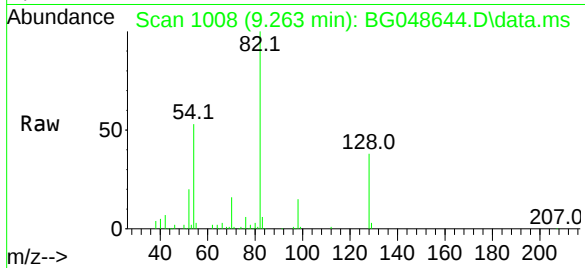




#23  
Nitrobenzene-d5  
Concen: 77.85 ng  
RT: 9.263 min Scan# 1008  
Delta R.T. -0.001 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

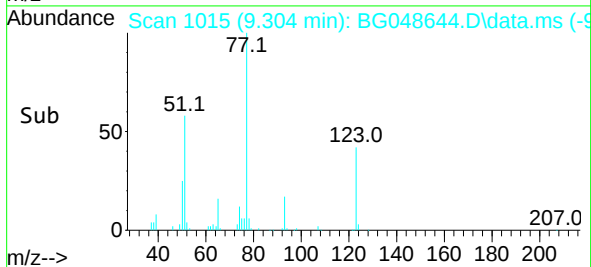
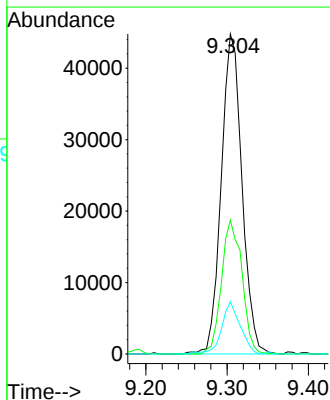
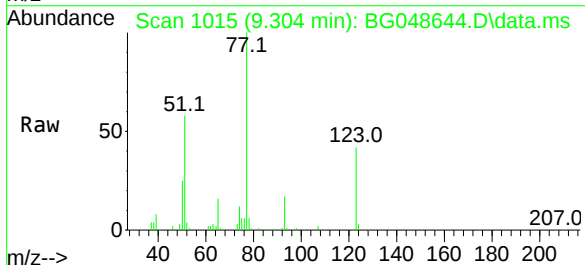
Instrument :  
BNA\_G  
ClientSampleId :  
PB135641BS

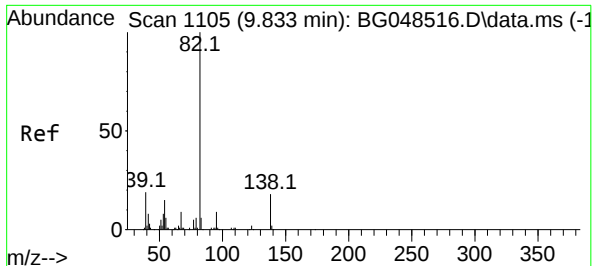
Tgt Ion: 82 Resp: 155114  
Ion Ratio Lower Upper  
82 100  
128 38.3 26.2 39.4  
54 52.7 38.9 58.3



#24  
Nitrobenzene  
Concen: 40.65 ng  
RT: 9.304 min Scan# 1015  
Delta R.T. -0.006 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

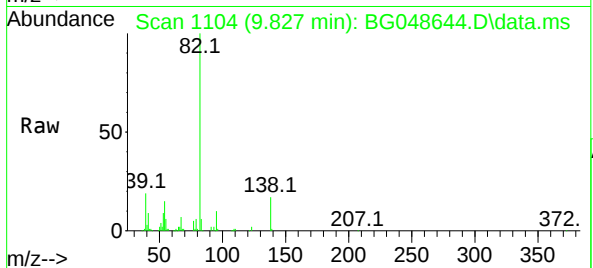
Tgt Ion: 77 Resp: 79474  
Ion Ratio Lower Upper  
77 100  
123 41.8 33.4 50.2  
65 16.4 13.3 19.9



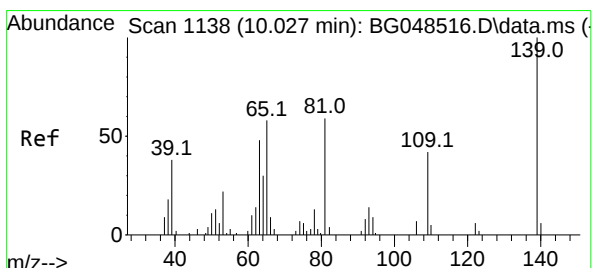
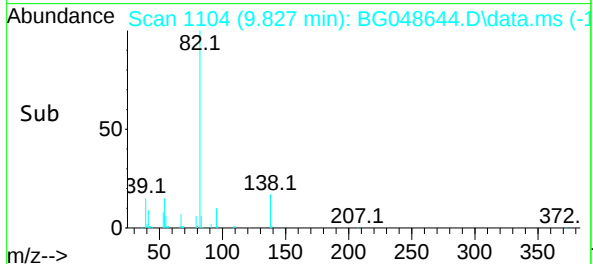
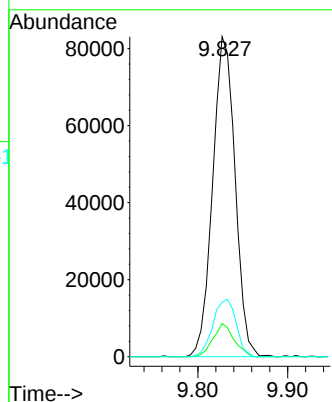


#25  
Isophorone  
Concen: 39.16 ng  
RT: 9.827 min Scan# 1104  
Delta R.T. -0.006 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

Instrument :  
BNA\_G  
ClientSampled :  
PB135641BS

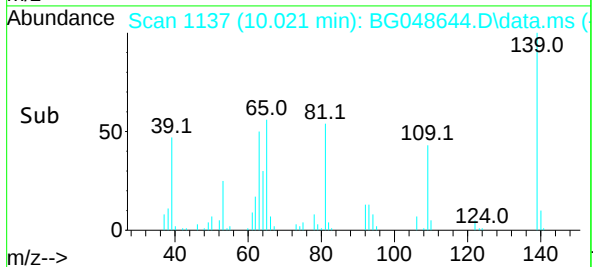
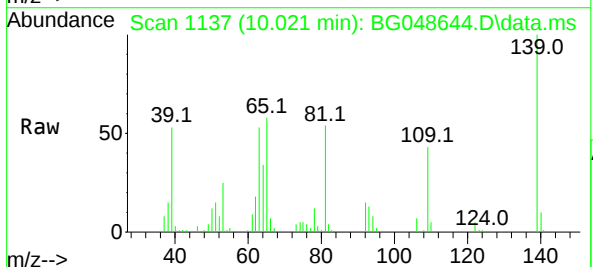
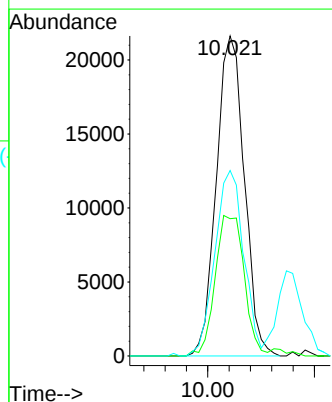


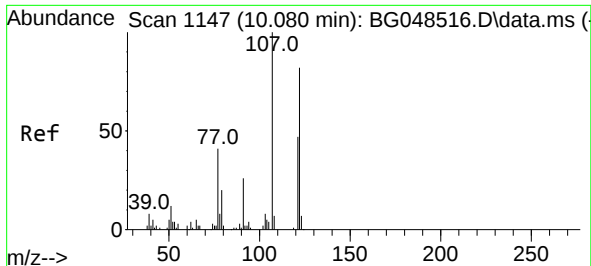
Tgt Ion: 82 Resp: 144097  
Ion Ratio Lower Upper  
82 100  
95 10.3 7.1 10.7  
138 17.0 14.8 22.2



#26  
2-Nitrophenol  
Concen: 43.83 ng  
RT: 10.021 min Scan# 1137  
Delta R.T. -0.006 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

Tgt Ion: 139 Resp: 39378  
Ion Ratio Lower Upper  
139 100  
109 42.9 33.7 50.5  
65 57.9 46.8 70.2

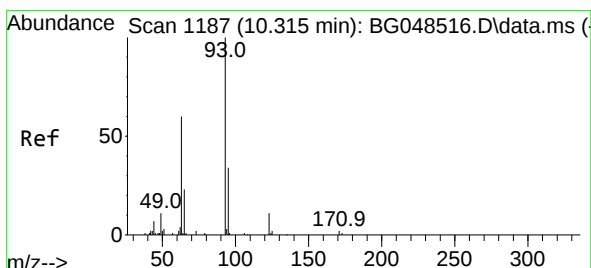
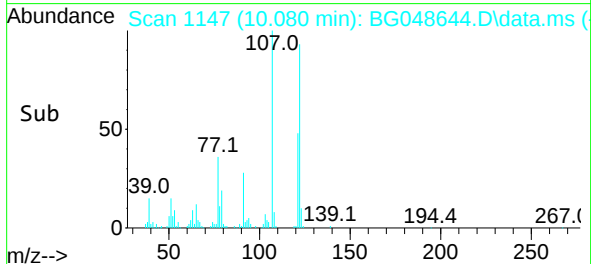
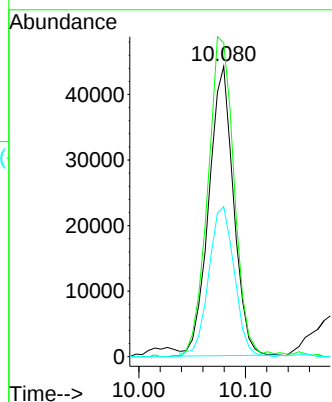
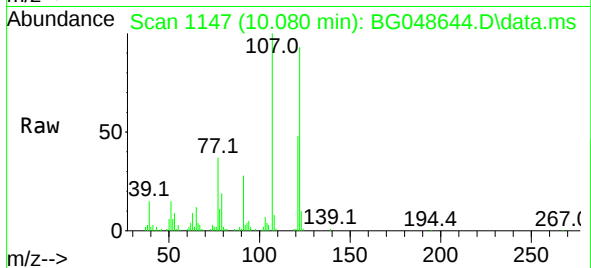




#27  
2,4-Dimethylphenol  
Concen: 50.28 ng  
RT: 10.080 min Scan# 1147  
Delta R.T. -0.001 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

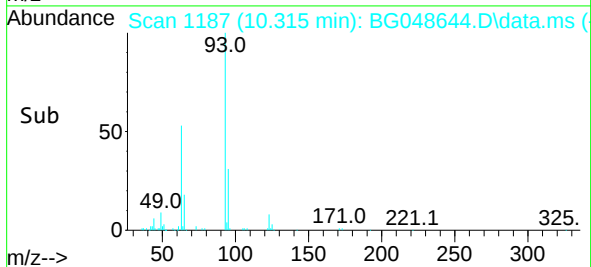
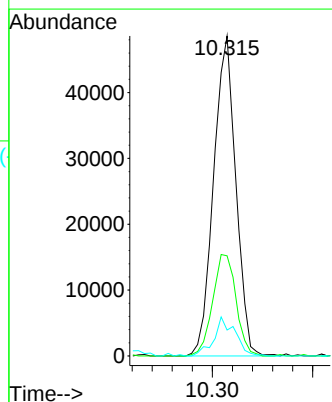
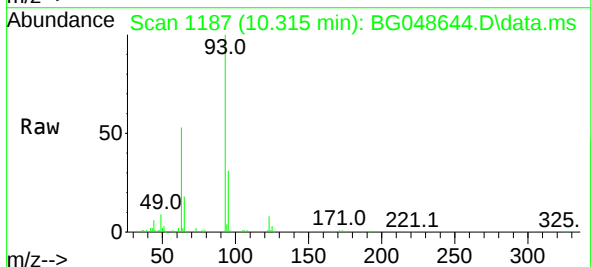
Instrument :  
BNA\_G  
ClientSampleId :  
PB135641BS

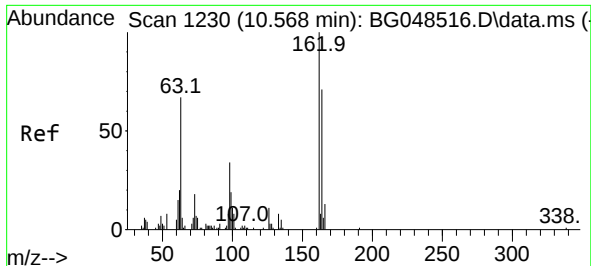
Tgt Ion:122 Resp: 71077  
Ion Ratio Lower Upper  
122 100  
107 108.1 96.6 145.0  
121 51.7 45.3 67.9



#28  
bis(2-Chloroethoxy)methane  
Concen: 44.29 ng  
RT: 10.315 min Scan# 1187  
Delta R.T. -0.001 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

Tgt Ion: 93 Resp: 74686  
Ion Ratio Lower Upper  
93 100  
95 31.3 27.0 40.6  
123 8.1 9.0 13.6#

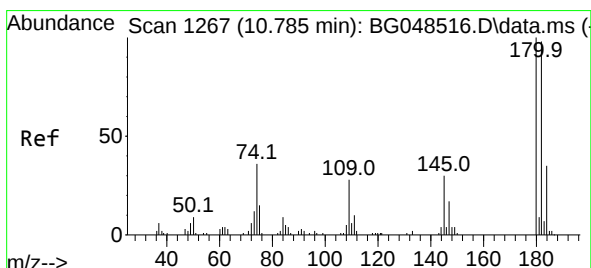
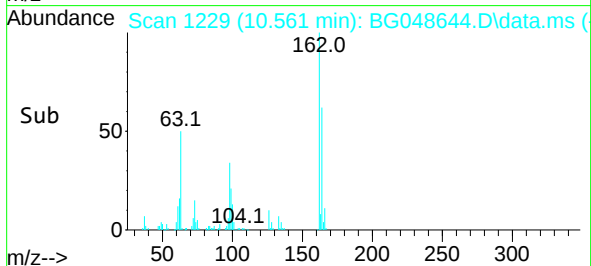
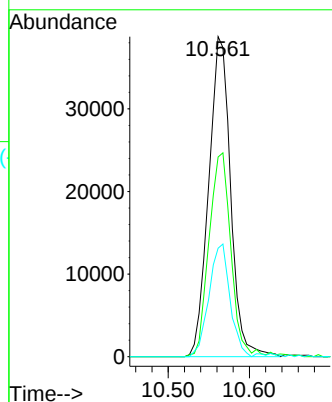
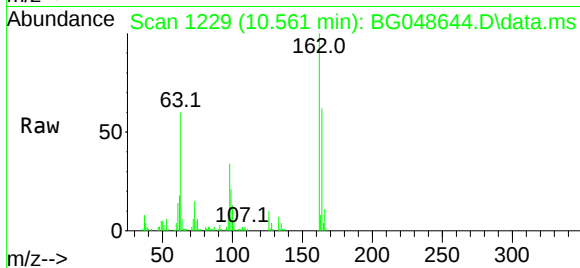




#29  
2,4-Dichlorophenol  
Concen: 45.20 ng  
RT: 10.561 min Scan# 1229  
Delta R.T. -0.006 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

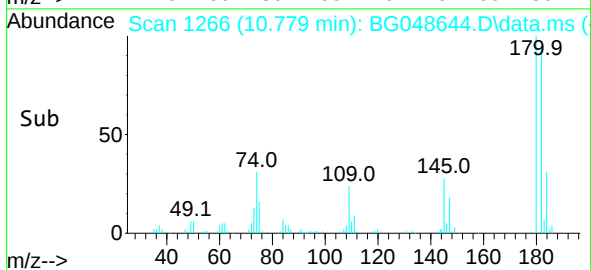
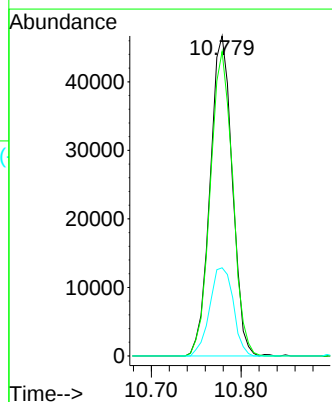
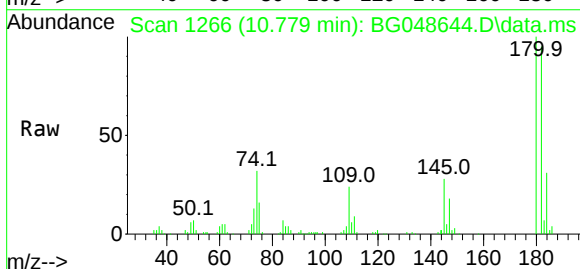
Instrument :  
BNA\_G  
ClientSampleId :  
PB135641BS

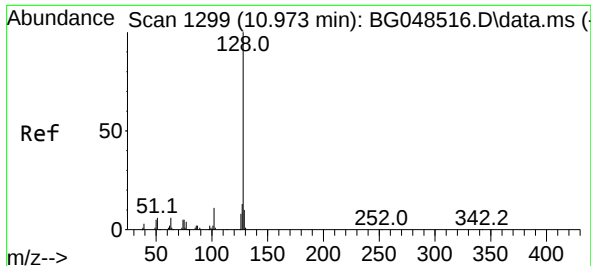
Tgt Ion:162 Resp: 72350  
Ion Ratio Lower Upper  
162 100  
164 62.4 51.2 91.2  
98 33.9 13.6 53.6



#30  
1,2,4-Trichlorobenzene  
Concen: 43.39 ng  
RT: 10.779 min Scan# 1266  
Delta R.T. -0.006 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

Tgt Ion:180 Resp: 79810  
Ion Ratio Lower Upper  
180 100  
182 95.2 78.8 118.2  
145 27.6 24.0 36.0

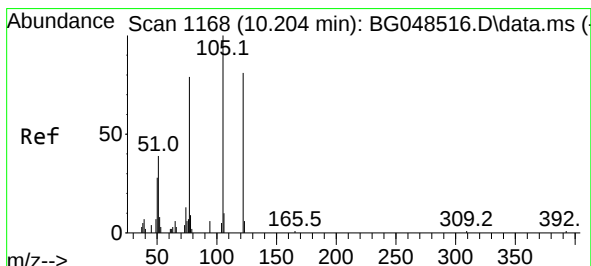
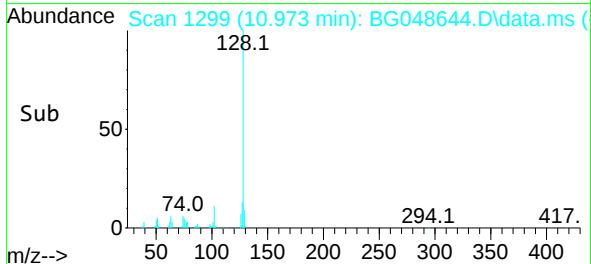
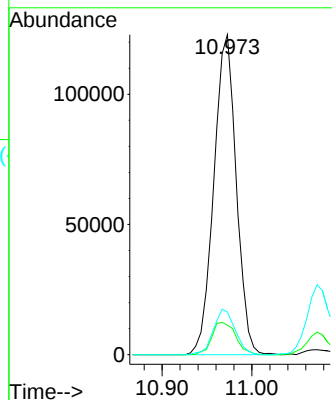
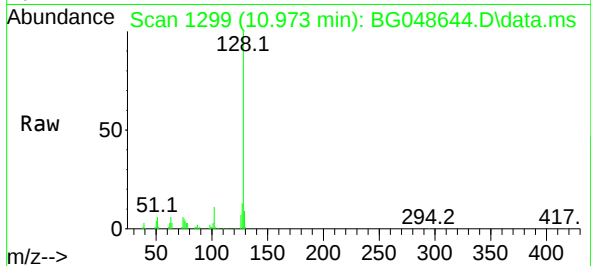




#31  
Naphthalene  
Concen: 42.94 ng  
RT: 10.973 min Scan# 1299  
Delta R.T. -0.001 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

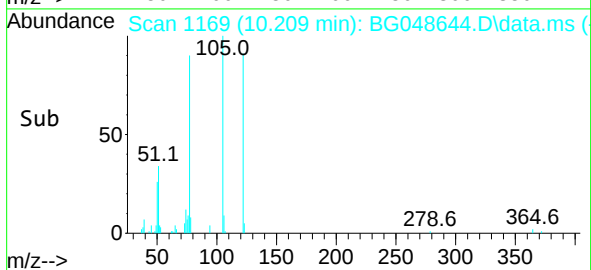
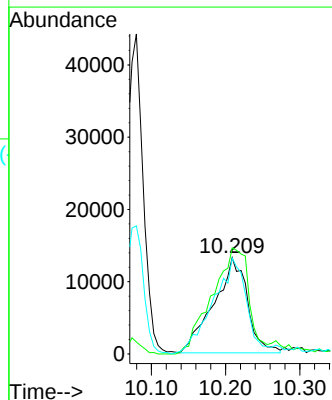
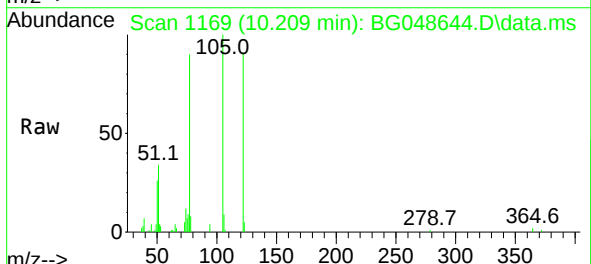
Instrument :  
BNA\_G  
ClientSampleId :  
PB135641BS

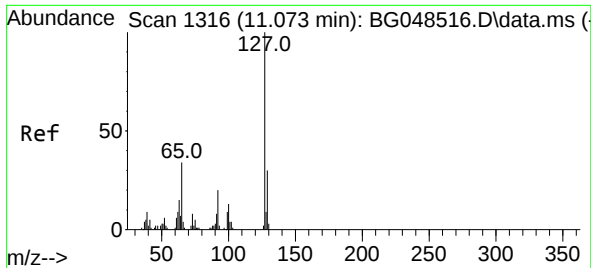
Tgt Ion:128 Resp: 212959  
Ion Ratio Lower Upper  
128 100  
129 9.3 8.2 12.2  
127 13.3 10.6 16.0



#32  
Benzoic acid  
Concen: 38.21 ng  
RT: 10.209 min Scan# 1169  
Delta R.T. 0.005 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

Tgt Ion:122 Resp: 41548  
Ion Ratio Lower Upper  
122 100  
105 110.1 97.1 137.1  
77 99.6 76.8 116.8

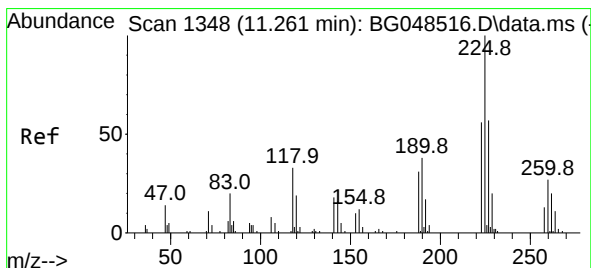
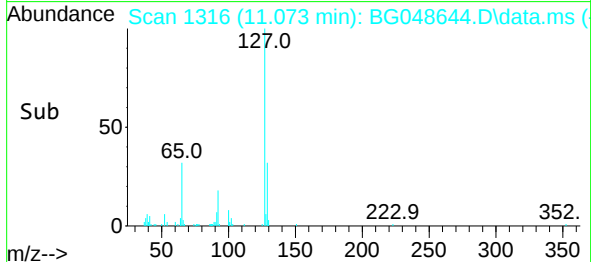
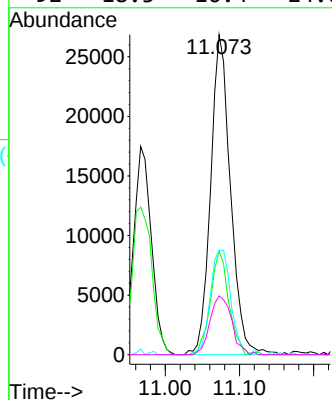
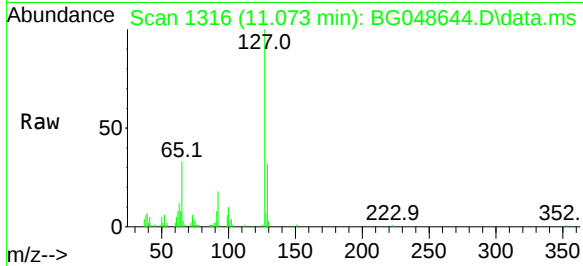




#33  
4-Chloroaniline  
Concen: 23.88 ng  
RT: 11.073 min Scan# 1316  
Delta R.T. -0.001 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

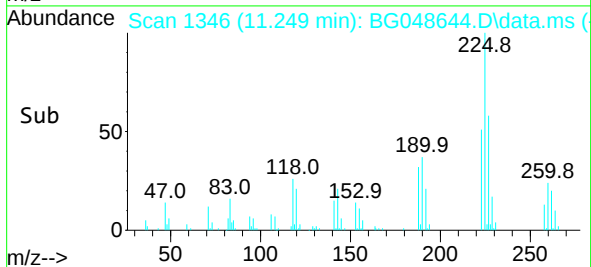
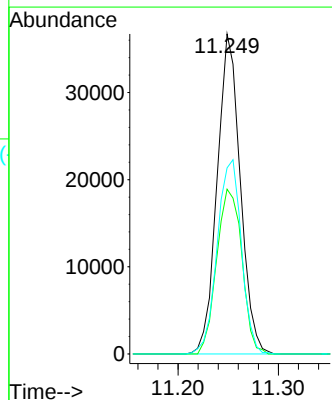
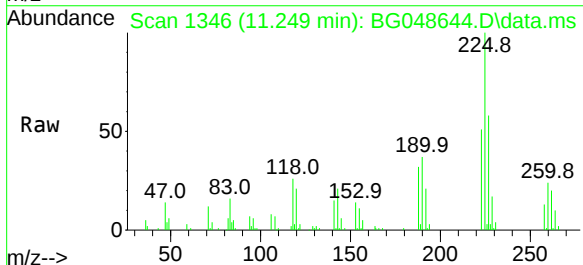
Instrument :  
BNA\_G  
ClientSampleId :  
PB135641BS

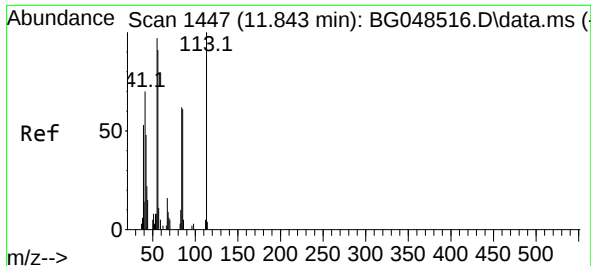
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 49982 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 32.4  | 24.3  | 36.5  |
| 65       | 32.6  | 27.0  | 40.4  |
| 92       | 18.3  | 16.4  | 24.6  |



#34  
Hexachlorobutadiene  
Concen: 43.72 ng  
RT: 11.249 min Scan# 1346  
Delta R.T. -0.012 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

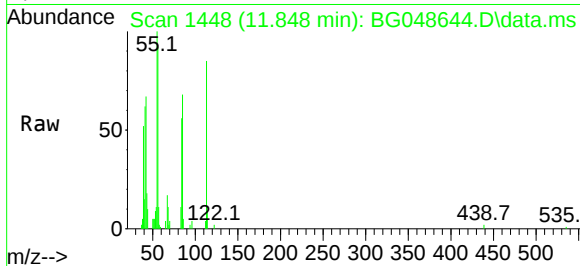
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 58731 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 51.5  | 44.8  | 67.2  |
| 227      | 58.2  | 45.4  | 68.0  |



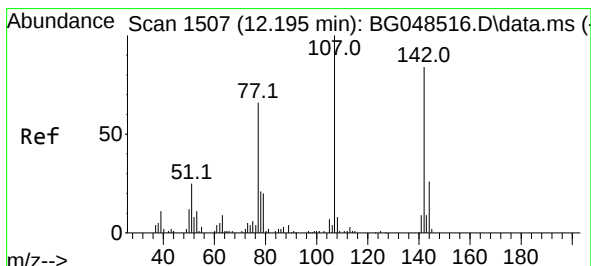
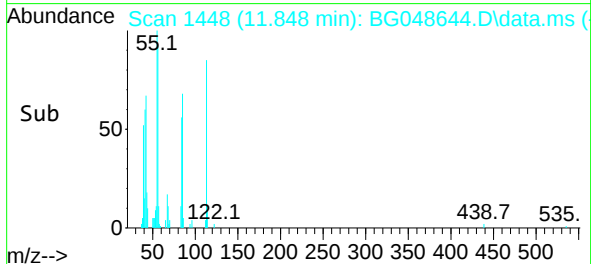
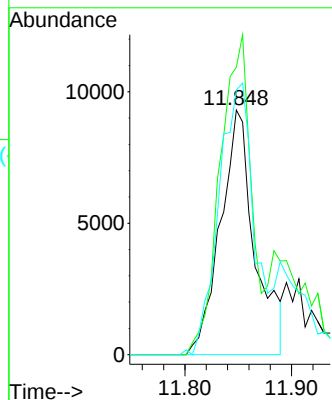


#35  
Caprolactam  
Concen: 35.44 ng  
RT: 11.848 min Scan# 1448  
Delta R.T. 0.005 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

Instrument :  
BNA\_G  
ClientSampleId :  
PB135641BS

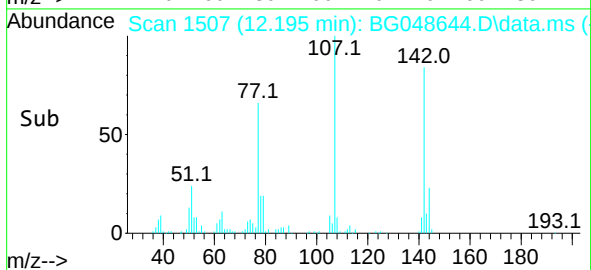
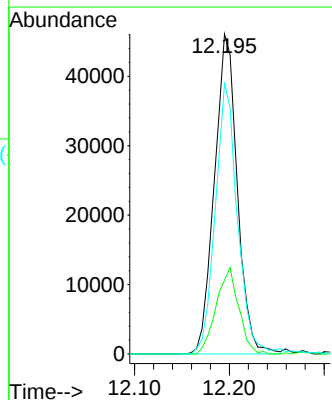
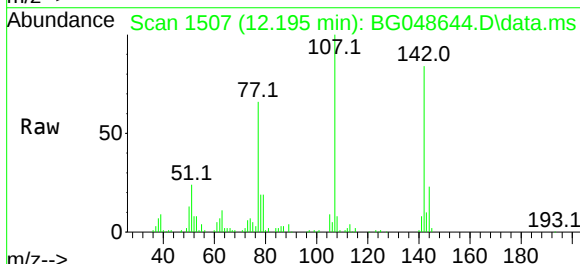


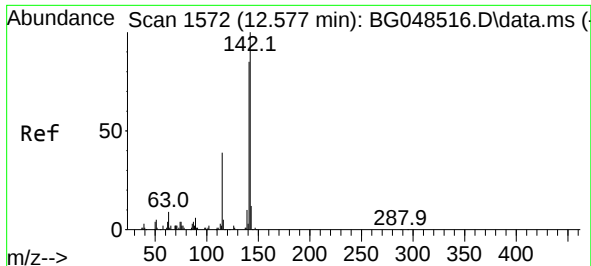
Tgt Ion:113 Resp: 20698  
Ion Ratio Lower Upper  
113 100  
55 117.5 76.8 116.8#  
56 108.1 71.1 111.1



#36  
4-Chloro-3-methylphenol  
Concen: 42.99 ng  
RT: 12.195 min Scan# 1507  
Delta R.T. -0.001 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

Tgt Ion:107 Resp: 77267  
Ion Ratio Lower Upper  
107 100  
144 23.1 20.6 31.0  
142 84.4 67.0 100.6

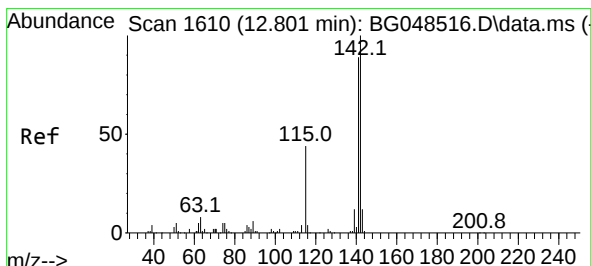
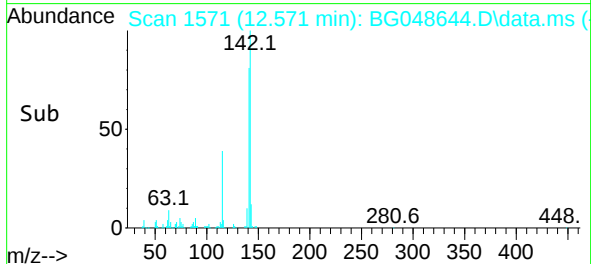
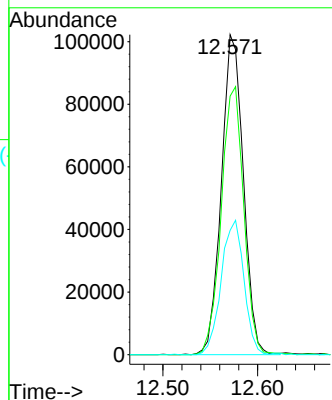
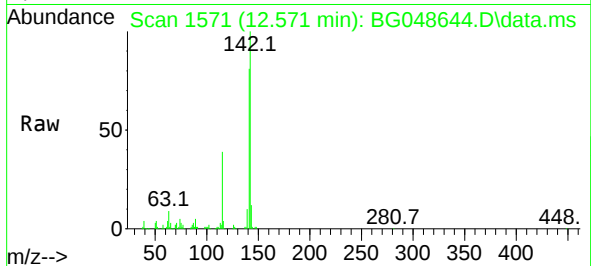




#37  
2-Methylnaphthalene  
Concen: 41.77 ng  
RT: 12.571 min Scan# 1571  
Delta R.T. -0.006 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

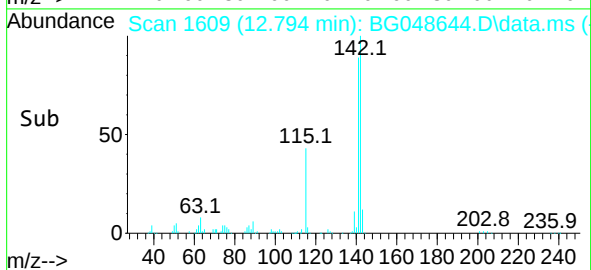
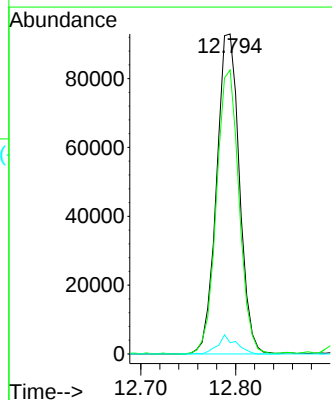
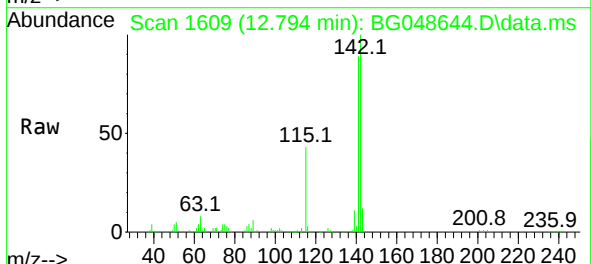
Instrument :  
BNA\_G  
ClientSampleId :  
PB135641BS

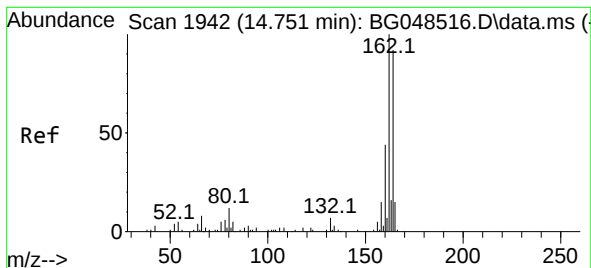
Tgt Ion:142 Resp: 164935  
Ion Ratio Lower Upper  
142 100  
141 80.8 68.2 102.4  
115 38.9 30.8 46.2



#38  
1-Methylnaphthalene  
Concen: 41.29 ng  
RT: 12.794 min Scan# 1609  
Delta R.T. -0.006 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

Tgt Ion:142 Resp: 155477  
Ion Ratio Lower Upper  
142 100  
141 88.7 71.2 106.8  
116 3.5 3.4 5.0

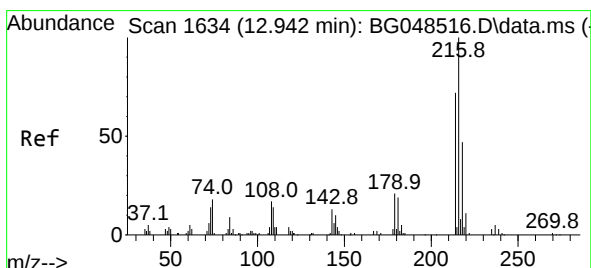
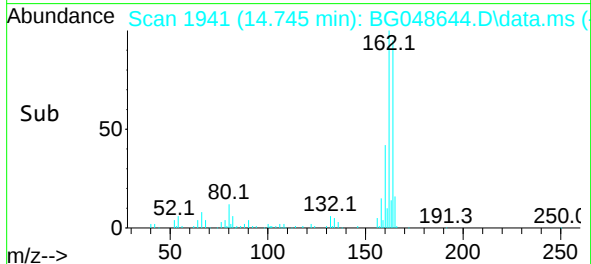
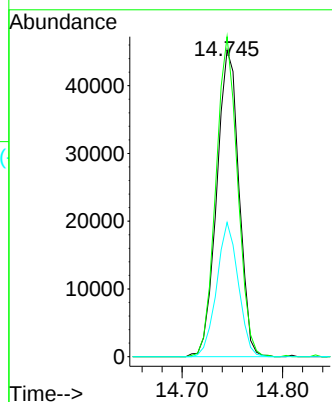
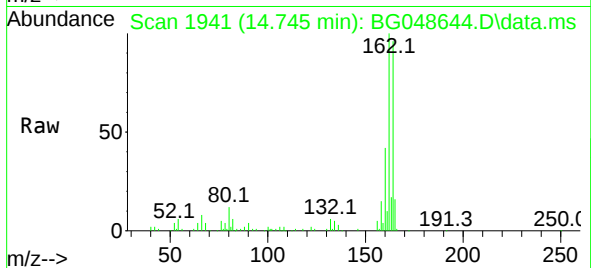




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.745 min Scan# 1941  
Delta R.T. -0.006 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

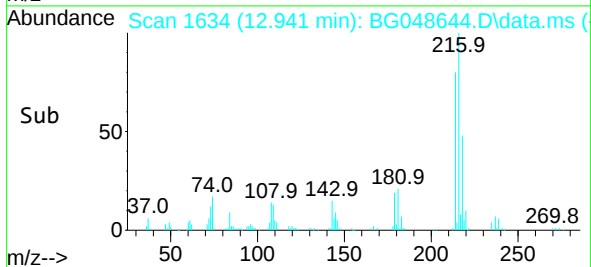
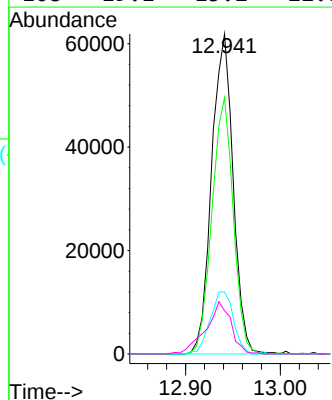
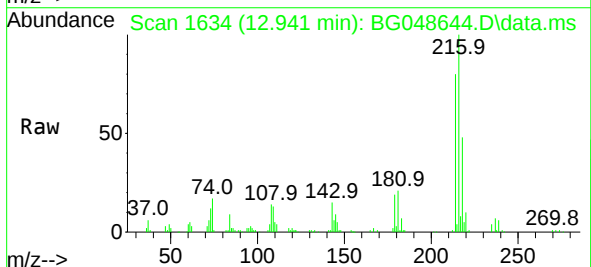
Instrument :  
BNA\_G  
ClientSampleId :  
PB135641BS

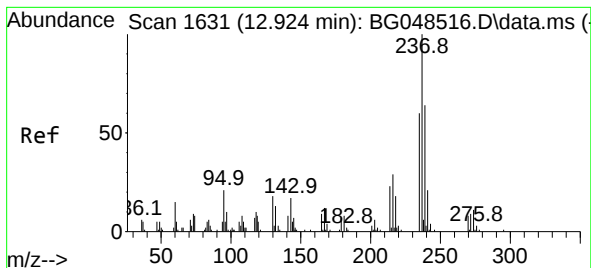
Tgt Ion:164 Resp: 69559  
Ion Ratio Lower Upper  
164 100  
162 104.3 87.0 130.6  
160 43.8 38.4 57.6



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 45.05 ng  
RT: 12.941 min Scan# 1634  
Delta R.T. -0.001 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

Tgt Ion:216 Resp: 97150  
Ion Ratio Lower Upper  
216 100  
214 79.5 61.1 91.7  
179 21.1 17.3 25.9  
108 19.1 15.2 22.8

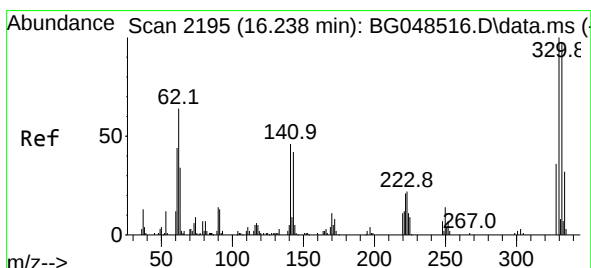
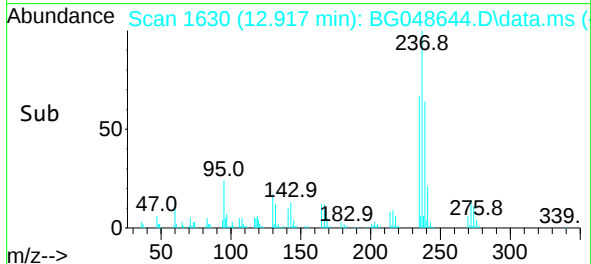
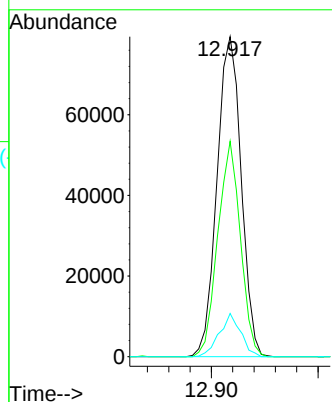
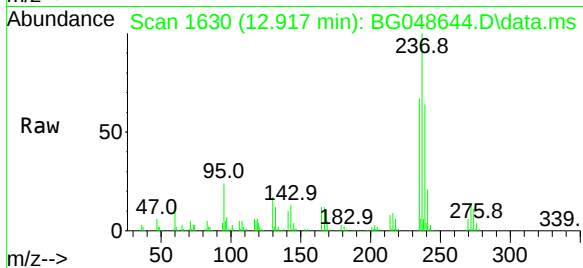




#41  
Hexachlorocyclopentadiene  
Concen: 100.01 ng  
RT: 12.917 min Scan# 1630  
Delta R.T. -0.006 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

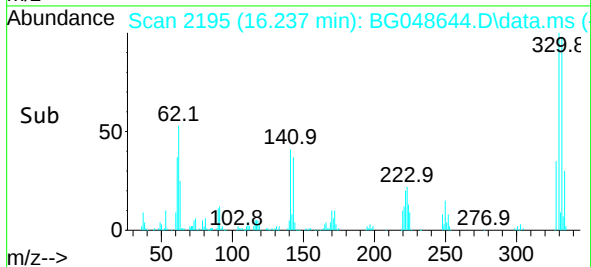
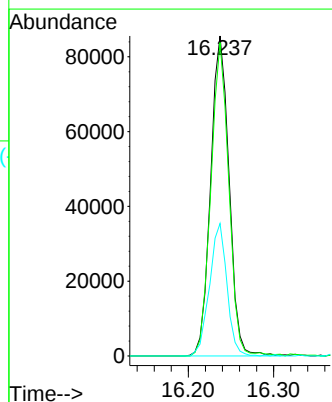
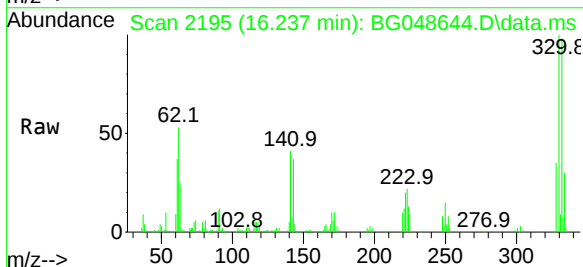
Instrument :  
BNA\_G  
ClientSampleId :  
PB135641BS

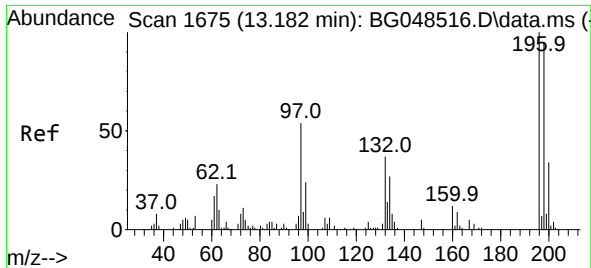
Tgt Ion:237 Resp: 124926  
Ion Ratio Lower Upper  
237 100  
235 67.3 39.7 79.7  
272 13.5 0.0 28.8



#42  
2,4,6-Tribromophenol  
Concen: 140.59 ng  
RT: 16.237 min Scan# 2195  
Delta R.T. -0.001 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

Tgt Ion:330 Resp: 128554  
Ion Ratio Lower Upper  
330 100  
332 95.0 77.6 116.4  
141 39.2 34.6 52.0

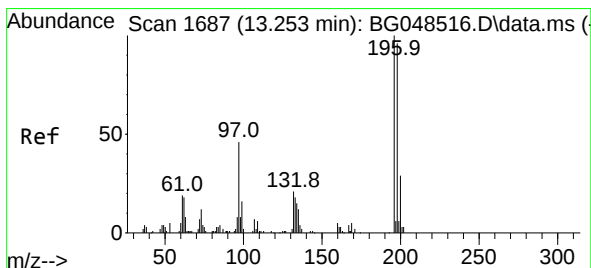
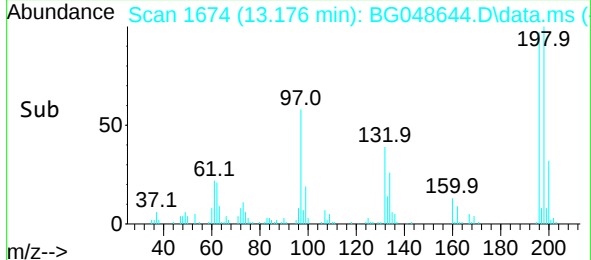
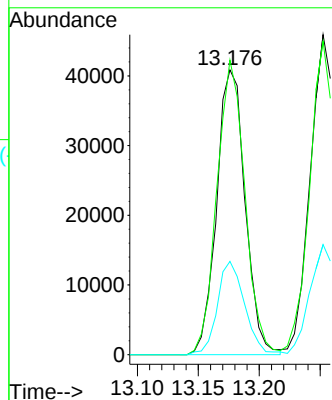
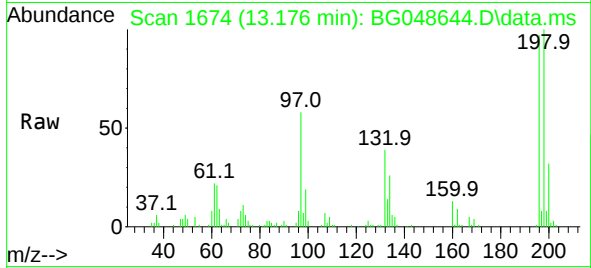




#43  
2,4,6-Trichlorophenol  
Concen: 44.82 ng  
RT: 13.176 min Scan# 1674  
Delta R.T. -0.006 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

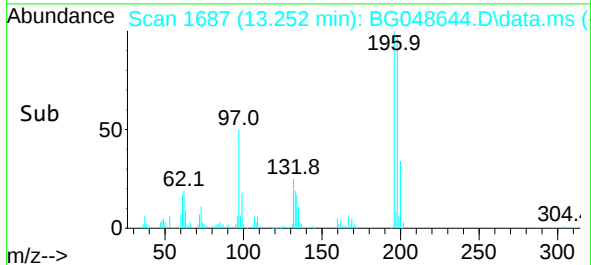
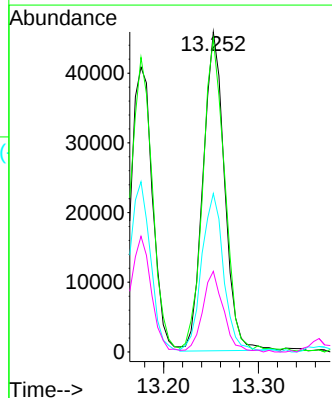
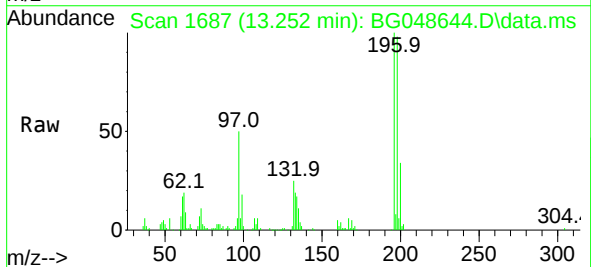
Instrument :  
BNA\_G  
ClientSampleId :  
PB135641BS

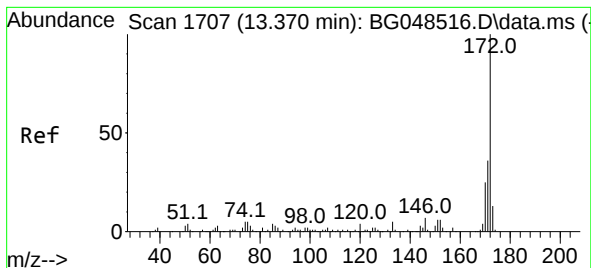
Tgt Ion:196 Resp: 66435  
Ion Ratio Lower Upper  
196 100  
198 103.4 75.8 113.6  
200 32.8 27.0 40.6



#44  
2,4,5-Trichlorophenol  
Concen: 45.28 ng  
RT: 13.252 min Scan# 1687  
Delta R.T. -0.001 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

Tgt Ion:196 Resp: 71805  
Ion Ratio Lower Upper  
196 100  
198 98.0 77.1 115.7  
97 49.5 37.5 56.3  
132 25.2 17.3 25.9

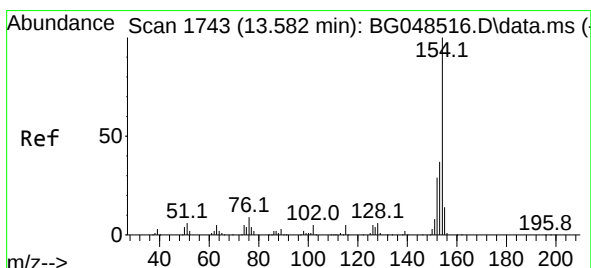
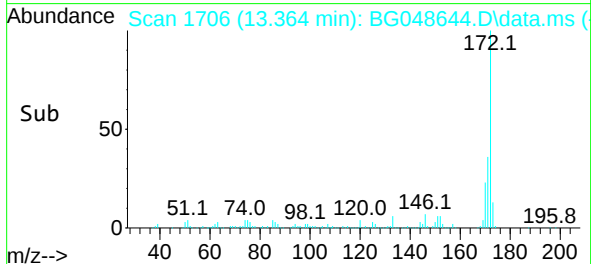
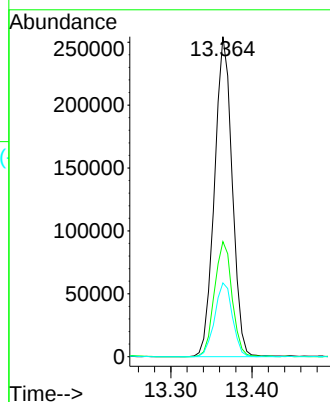
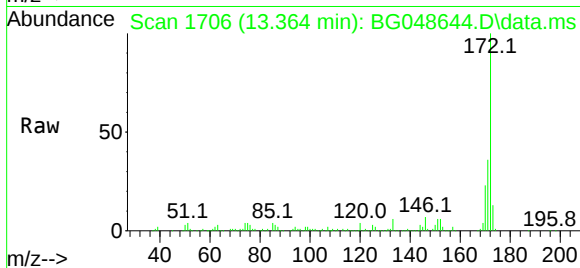




#45  
2-Fluorobiphenyl  
Concen: 82.33 ng  
RT: 13.364 min Scan# 1706  
Delta R.T. -0.006 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

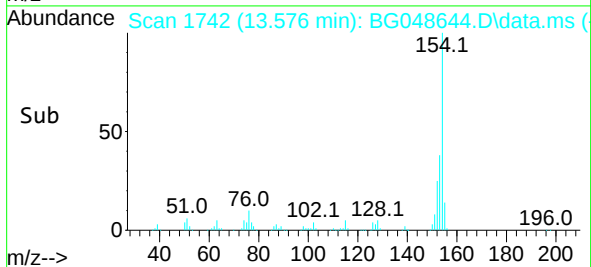
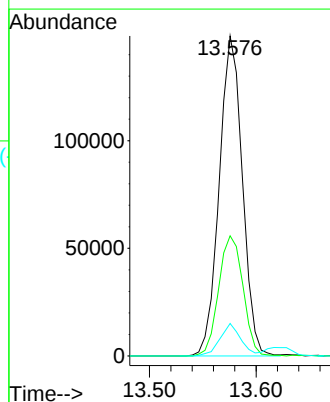
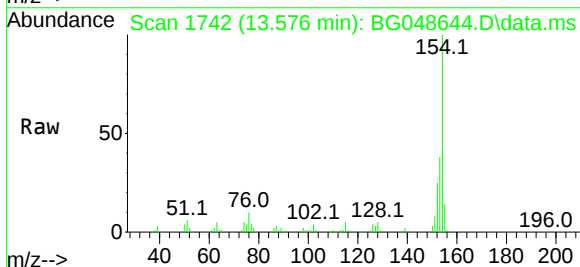
Instrument :  
BNA\_G  
ClientSampleId :  
PB135641BS

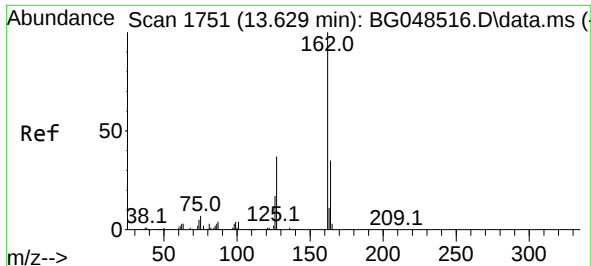
Tgt Ion:172 Resp: 385284  
Ion Ratio Lower Upper  
172 100  
171 35.9 28.5 42.7  
170 23.0 19.8 29.6



#46  
1,1'-Biphenyl  
Concen: 44.08 ng  
RT: 13.576 min Scan# 1742  
Delta R.T. -0.006 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

Tgt Ion:154 Resp: 224051  
Ion Ratio Lower Upper  
154 100  
153 37.6 17.3 57.3  
76 10.1 0.0 28.6

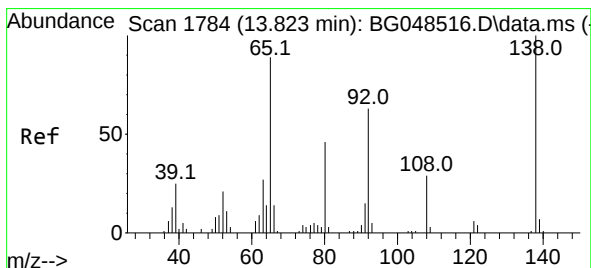
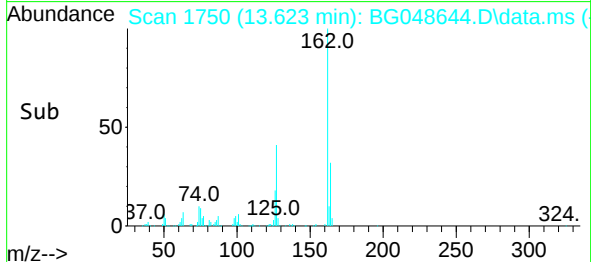
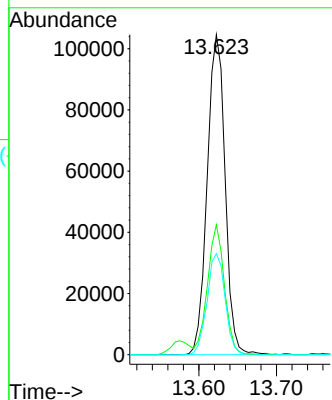
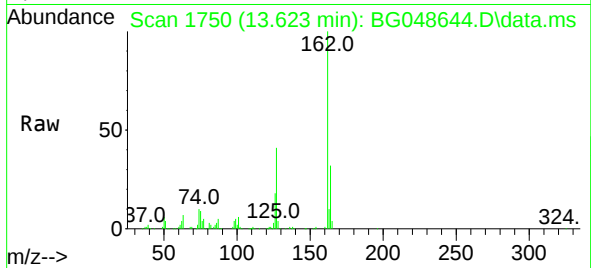




#47  
2-Chloronaphthalene  
Concen: 43.35 ng  
RT: 13.623 min Scan# 1750  
Delta R.T. -0.006 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

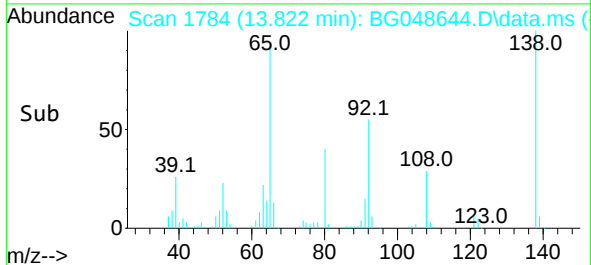
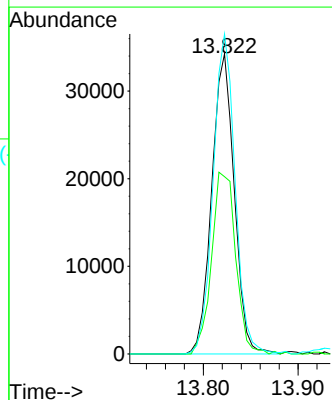
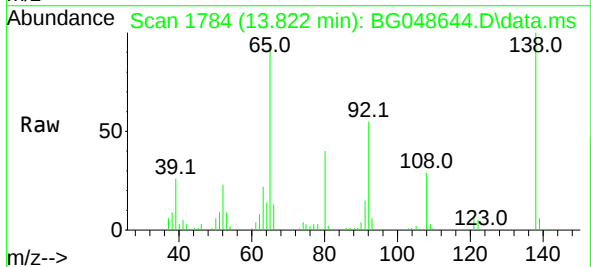
Instrument :  
BNA\_G  
ClientSampleId :  
PB135641BS

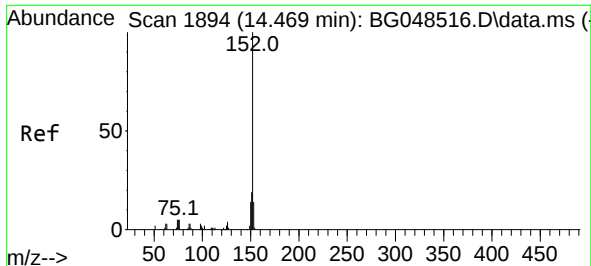
Tgt Ion:162 Resp: 167851  
Ion Ratio Lower Upper  
162 100  
127 40.6 31.8 47.8  
164 31.5 27.8 41.6



#48  
2-Nitroaniline  
Concen: 46.04 ng  
RT: 13.822 min Scan# 1784  
Delta R.T. -0.001 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

Tgt Ion: 65 Resp: 56668  
Ion Ratio Lower Upper  
65 100  
92 59.0 56.7 85.1  
138 106.6 89.6 134.4

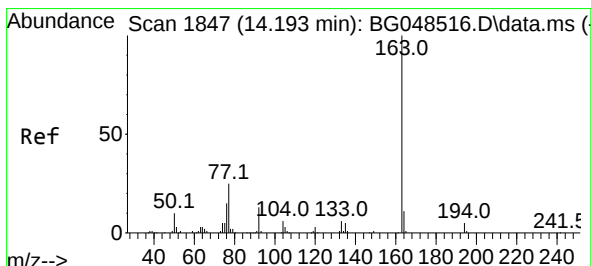
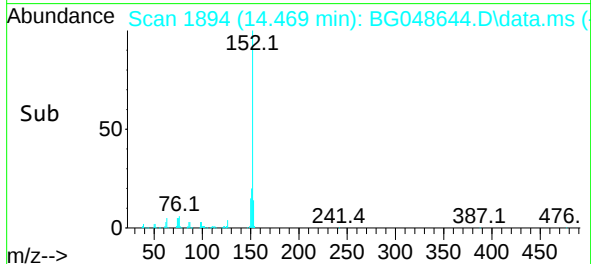
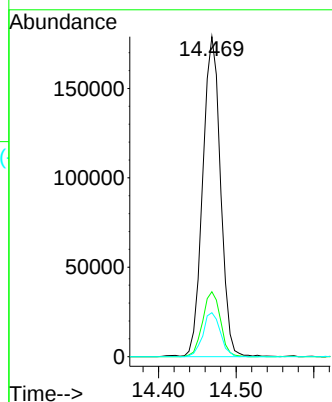
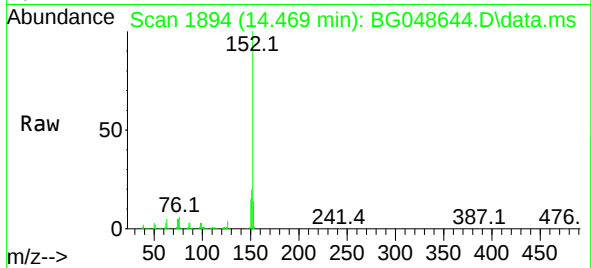




#49  
Acenaphthylene  
Concen: 46.92 ng  
RT: 14.469 min Scan# 1894  
Delta R.T. -0.001 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

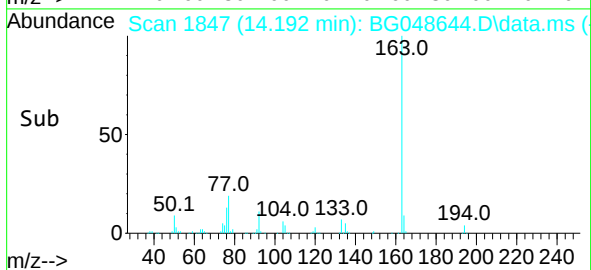
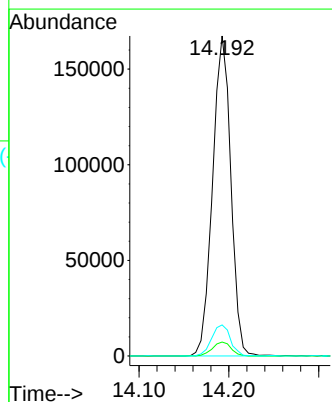
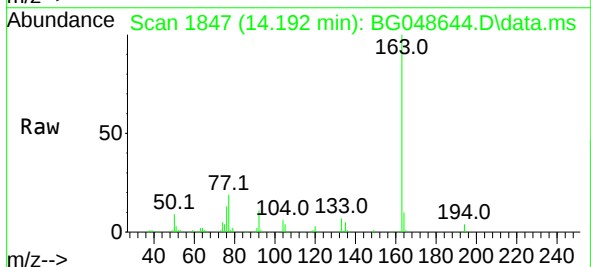
Instrument :  
BNA\_G  
ClientSampleId :  
PB135641BS

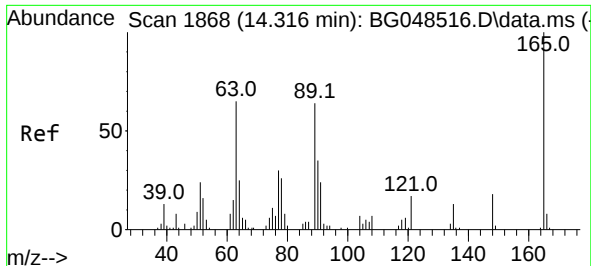
Tgt Ion:152 Resp: 284820  
Ion Ratio Lower Upper  
152 100  
151 20.3 15.0 22.6  
153 13.7 11.0 16.6



#50  
Dimethylphthalate  
Concen: 45.74 ng  
RT: 14.192 min Scan# 1847  
Delta R.T. -0.001 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

Tgt Ion:163 Resp: 236145  
Ion Ratio Lower Upper  
163 100  
194 4.3 4.1 6.1  
164 9.7 8.6 12.8

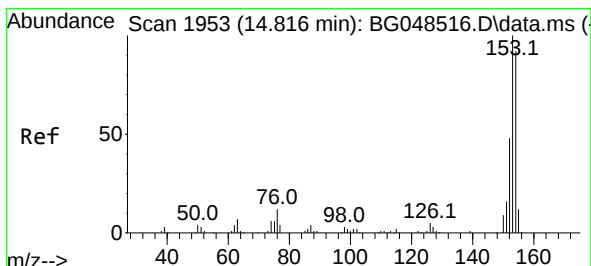
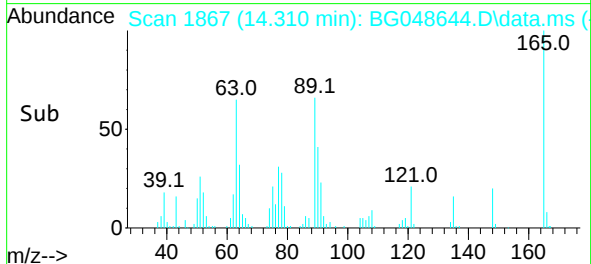
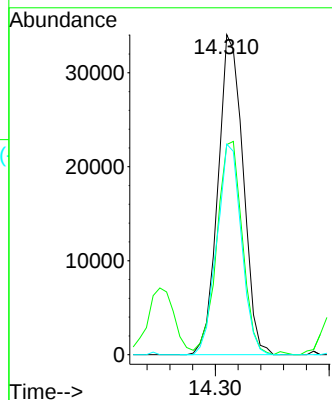
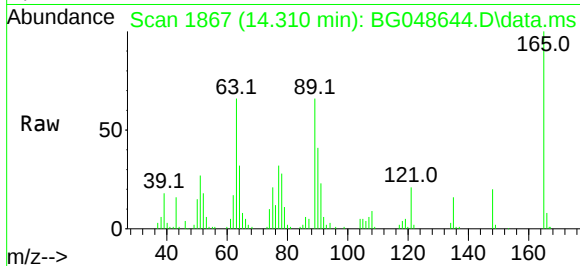




#51  
2,6-Dinitrotoluene  
Concen: 44.24 ng  
RT: 14.310 min Scan# 1867  
Delta R.T. -0.006 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

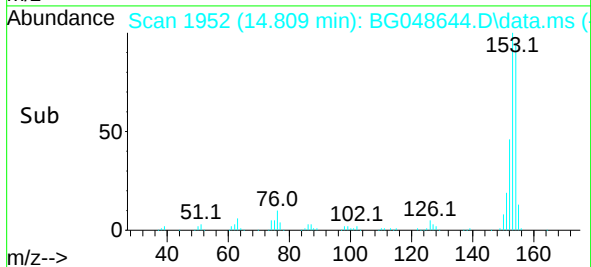
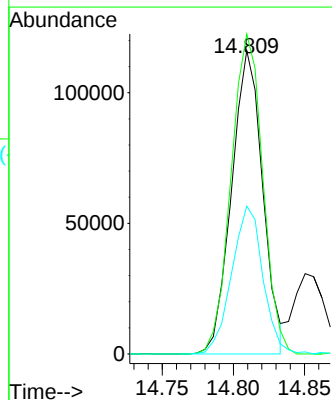
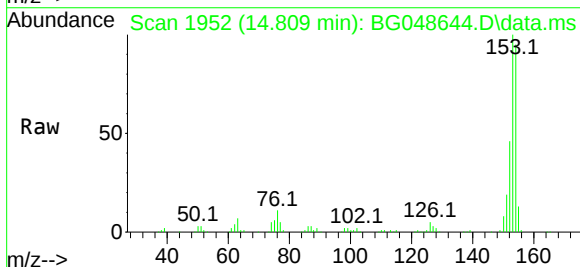
Instrument :  
BNA\_G  
ClientSampleId :  
PB135641BS

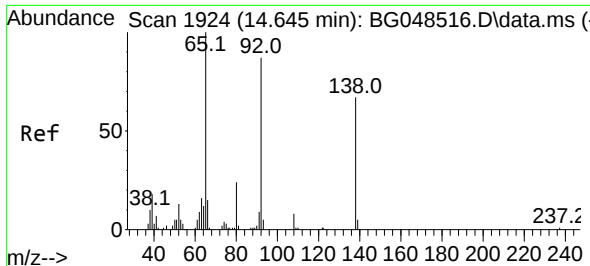
Tgt Ion:165 Resp: 52251  
Ion Ratio Lower Upper  
165 100  
63 65.6 53.8 80.6  
89 65.8 50.8 76.2



#52  
Acenaphthene  
Concen: 40.14 ng  
RT: 14.809 min Scan# 1952  
Delta R.T. -0.006 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

Tgt Ion:154 Resp: 176257  
Ion Ratio Lower Upper  
154 100  
153 105.5 86.6 129.8  
152 48.7 41.5 62.3

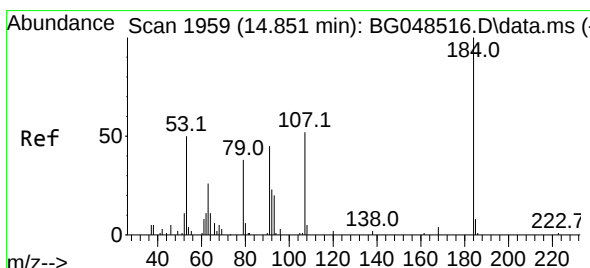
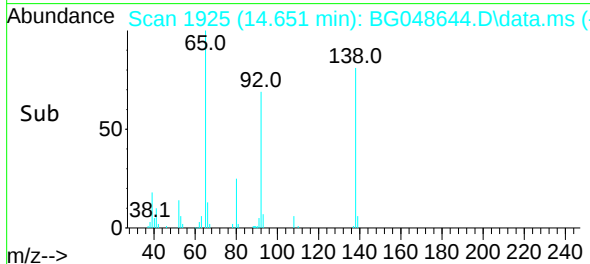
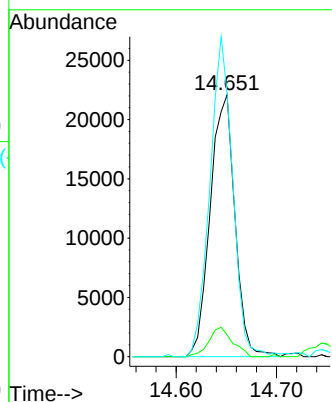
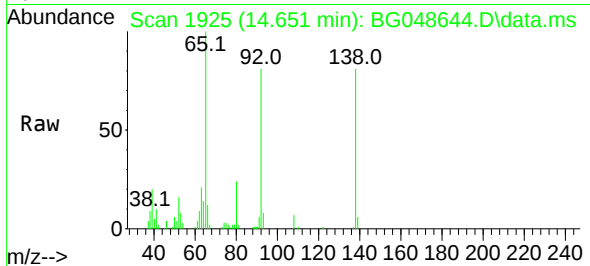




#53  
3-Nitroaniline  
Concen: 32.51 ng  
RT: 14.651 min Scan# 1925  
Delta R.T. 0.005 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

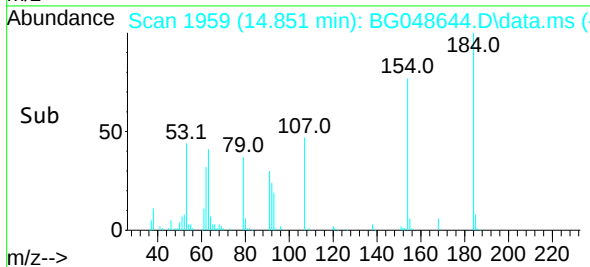
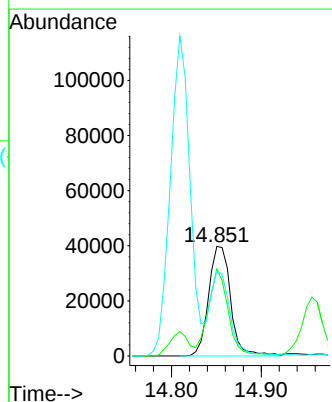
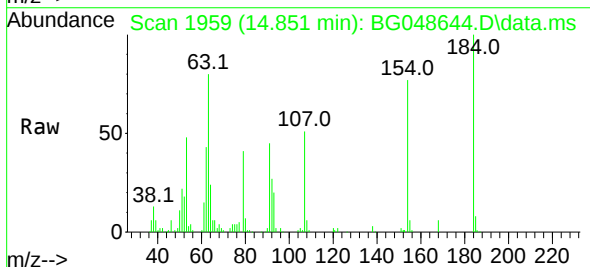
Instrument :  
BNA\_G  
ClientSampleId :  
PB135641BS

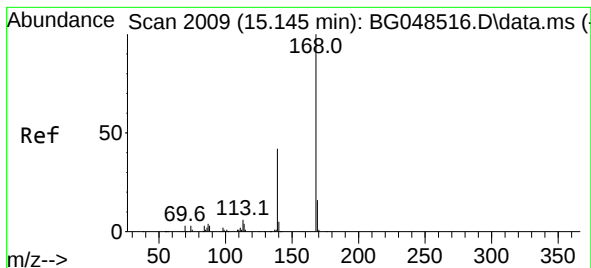
Tgt Ion:138 Resp: 37660  
Ion Ratio Lower Upper  
138 100  
108 8.3 9.2 13.8#  
92 100.5 103.8 155.8#



#54  
2,4-Dinitrophenol  
Concen: 101.71 ng  
RT: 14.851 min Scan# 1959  
Delta R.T. -0.001 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

Tgt Ion:184 Resp: 67551  
Ion Ratio Lower Upper  
184 100  
63 79.5 56.6 84.8  
154 77.4 54.9 82.3

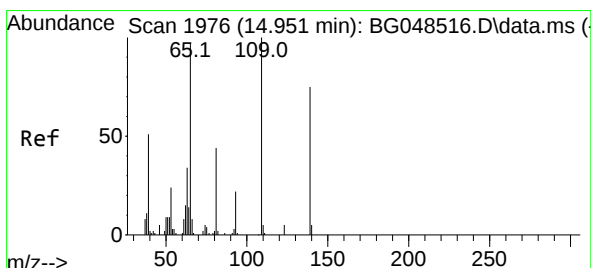
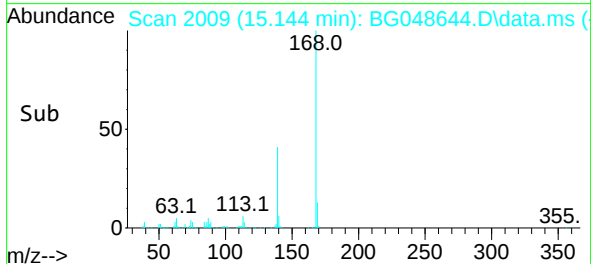
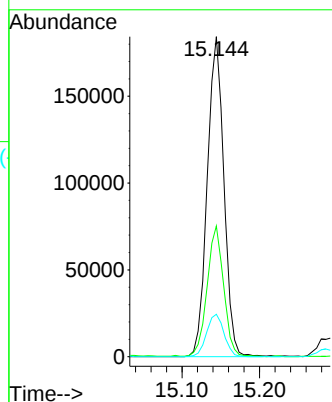
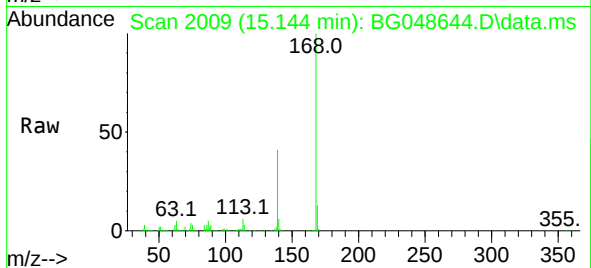




#55  
Dibenzenofuran  
Concen: 42.91 ng  
RT: 15.144 min Scan# 2009  
Delta R.T. -0.001 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

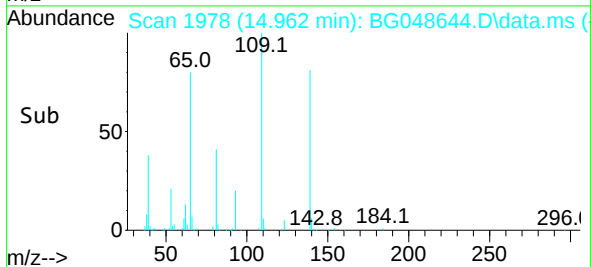
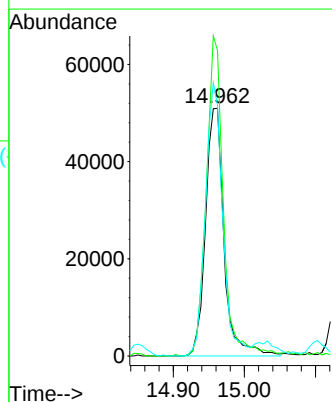
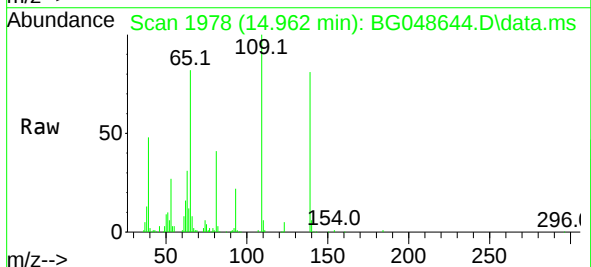
Instrument :  
BNA\_G  
ClientSampleId :  
PB135641BS

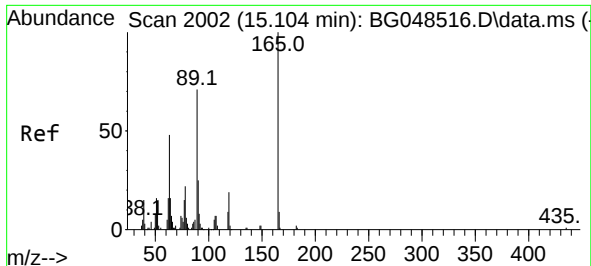
Tgt Ion:168 Resp: 275185  
Ion Ratio Lower Upper  
168 100  
139 40.9 33.7 50.5  
169 13.2 12.5 18.7



#56  
4-Nitrophenol  
Concen: 98.63 ng  
RT: 14.962 min Scan# 1978  
Delta R.T. 0.011 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

Tgt Ion:139 Resp: 92214  
Ion Ratio Lower Upper  
139 100  
109 123.4 113.0 153.0  
65 101.3 109.4 149.4#

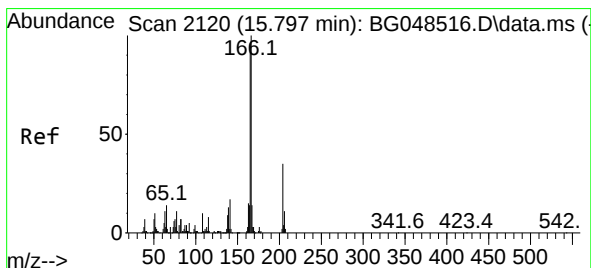
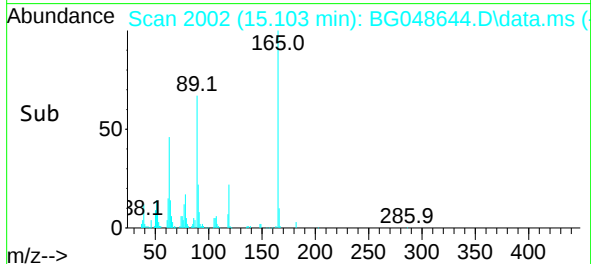
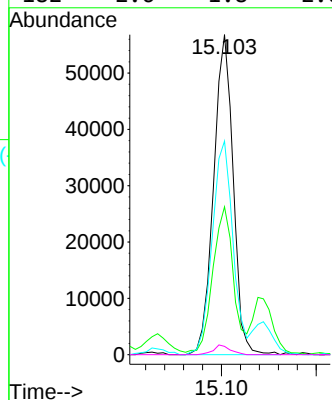
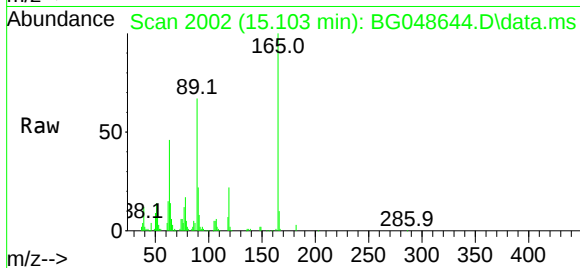




#57  
2,4-Dinitrotoluene  
Concen: 48.67 ng  
RT: 15.103 min Scan# 2002  
Delta R.T. -0.001 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

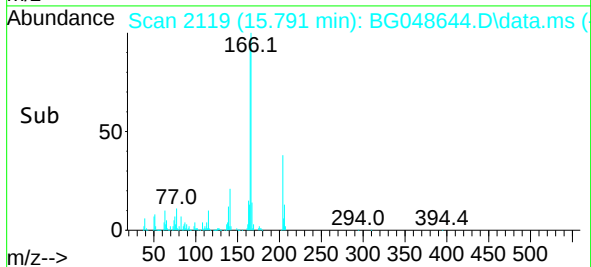
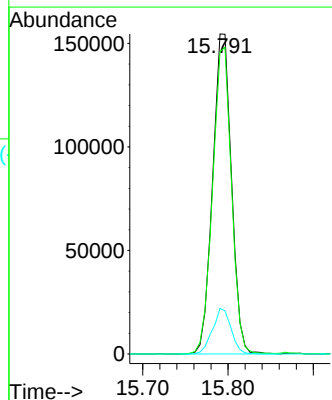
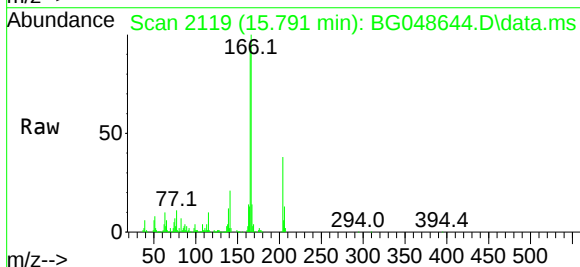
Instrument :  
BNA\_G  
ClientSampleId :  
PB135641BS

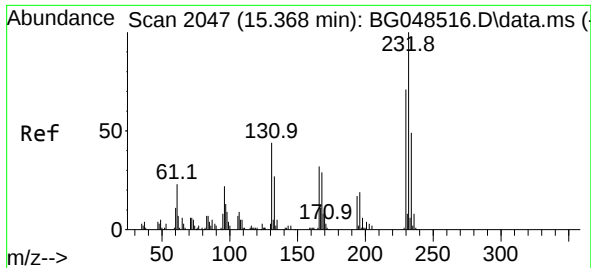
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 81324 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 46.2  | 38.3  | 57.5  |
| 89        | 66.7  | 56.5  | 84.7  |
| 182       | 2.6   | 1.8   | 2.6   |



#58  
Fluorene  
Concen: 44.13 ng  
RT: 15.791 min Scan# 2119  
Delta R.T. -0.006 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 236880 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 94.5  | 76.8  | 115.2  |
| 167       | 14.3  | 11.1  | 16.7   |

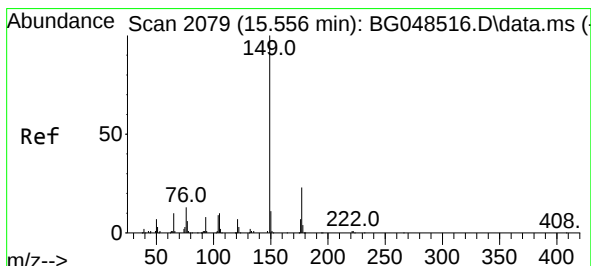
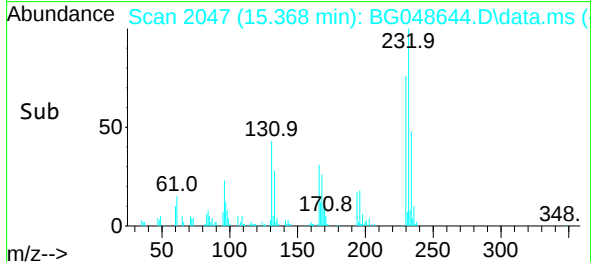
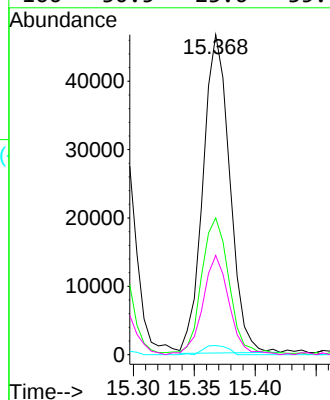
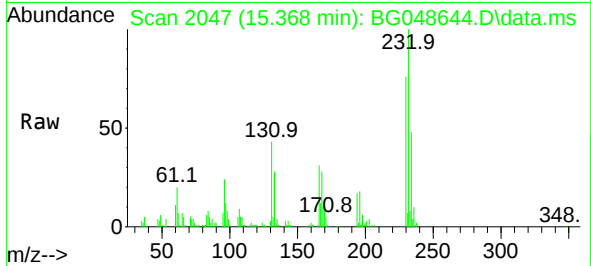




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 45.91 ng  
RT: 15.368 min Scan# 2047  
Delta R.T. -0.001 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

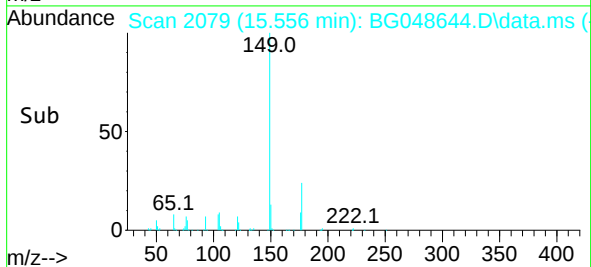
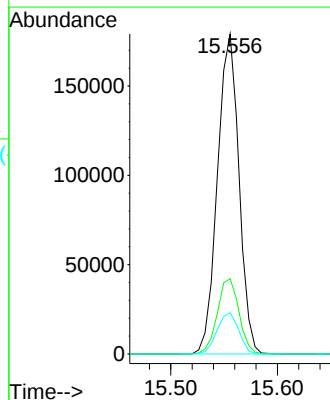
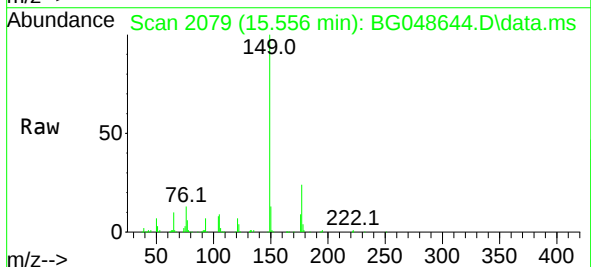
Instrument :  
BNA\_G  
ClientSampleId :  
PB135641BS

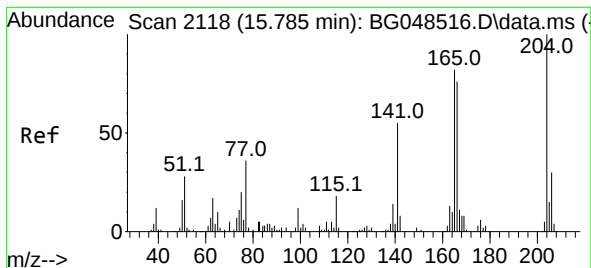
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 232   | Resp: | 71022 |
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 44.7  | 35.0  | 52.4  |
| 130       | 2.7   | 2.4   | 3.6   |
| 166       | 30.5  | 23.6  | 35.4  |



#60  
Diethylphthalate  
Concen: 47.15 ng  
RT: 15.556 min Scan# 2079  
Delta R.T. -0.001 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 250109 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 23.5  | 18.1  | 27.1   |
| 150       | 12.9  | 9.1   | 13.7   |

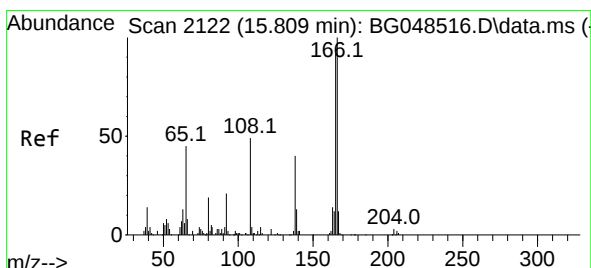
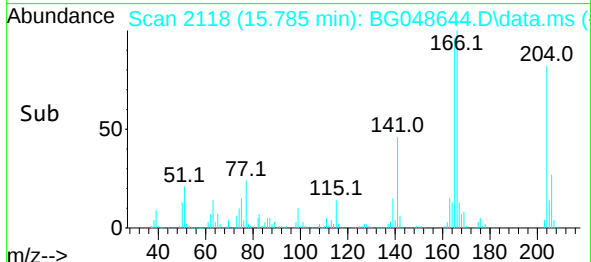
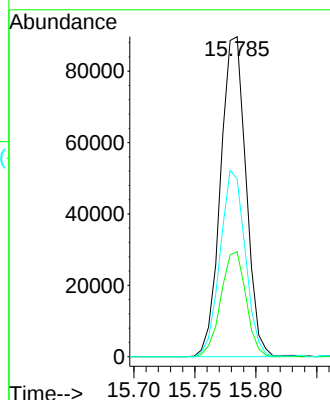
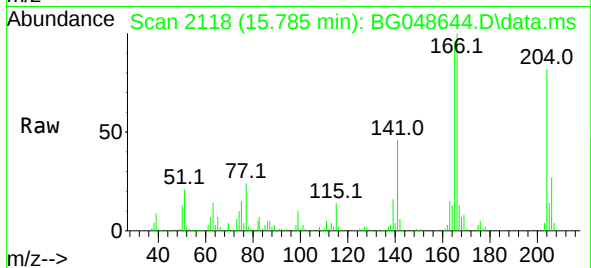




#61  
4-Chlorophenyl-phenylether  
Concen: 45.00 ng  
RT: 15.785 min Scan# 2118  
Delta R.T. -0.001 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

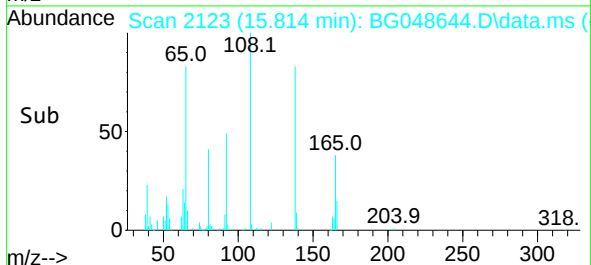
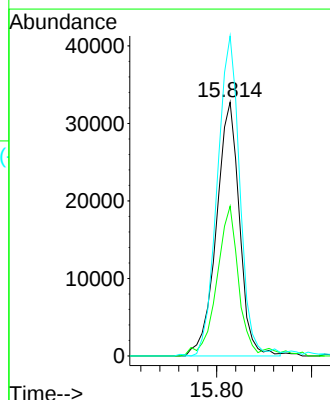
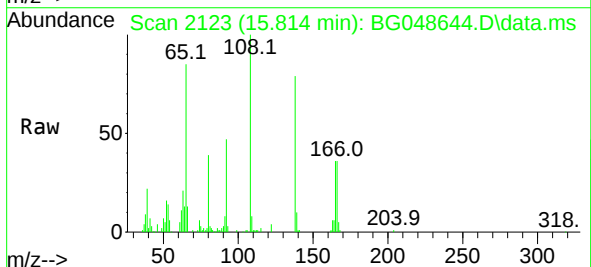
Instrument :  
BNA\_G  
ClientSampled :  
PB135641BS

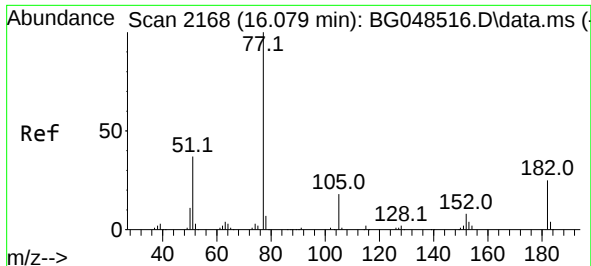
Tgt Ion:204 Resp: 129954  
Ion Ratio Lower Upper  
204 100  
206 32.8 23.8 35.8  
141 55.5 44.0 66.0



#62  
4-Nitroaniline  
Concen: 45.65 ng  
RT: 15.814 min Scan# 2123  
Delta R.T. 0.005 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

Tgt Ion:138 Resp: 55306  
Ion Ratio Lower Upper  
138 100  
92 59.0 32.2 72.2  
108 126.1 104.1 144.1



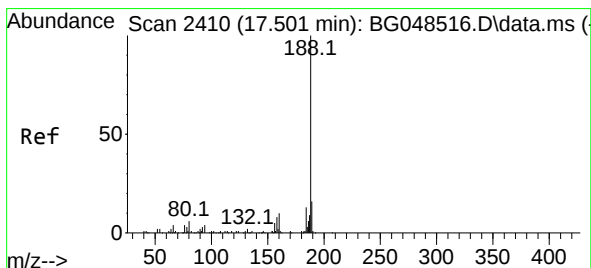
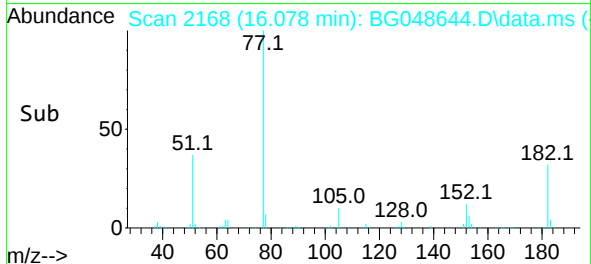
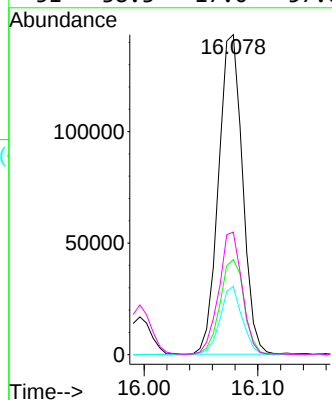
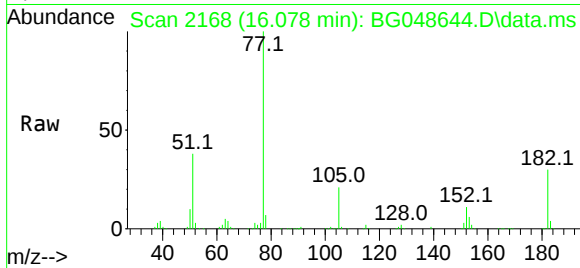


#63  
Azobenzene  
Concen: 40.22 ng  
RT: 16.078 min Scan# 2168  
Delta R.T. -0.001 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

Instrument :  
BNA\_G  
ClientSampleId :  
PB135641BS

Tgt Ion: 77 Resp: 209897

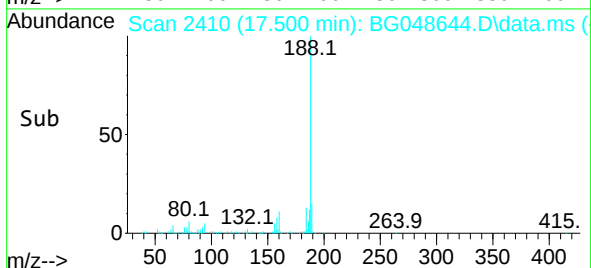
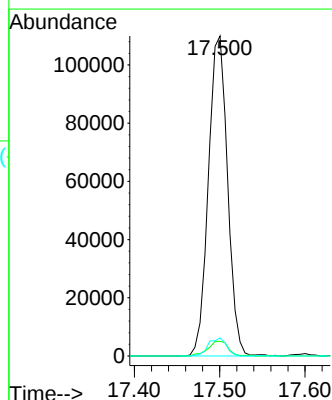
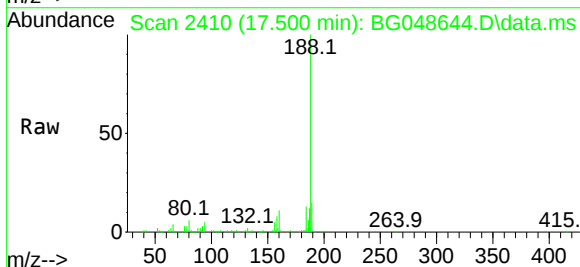
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 29.7  | 5.3   | 45.3  |
| 105 | 21.3  | 0.0   | 37.8  |
| 51  | 38.3  | 17.0  | 57.0  |

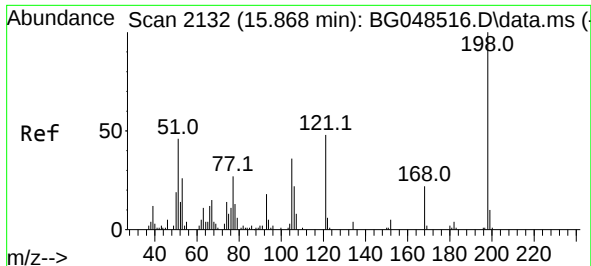


#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.500 min Scan# 2410  
Delta R.T. -0.001 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

Tgt Ion: 188 Resp: 172146

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 4.6   | 3.0   | 4.6#  |
| 80  | 5.6   | 4.5   | 6.7   |

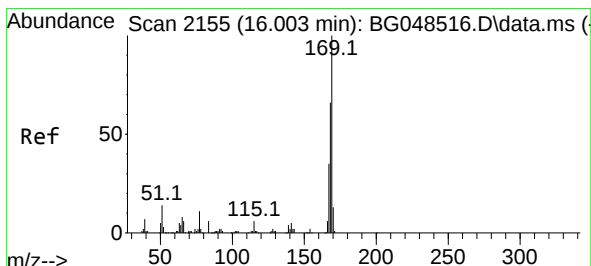
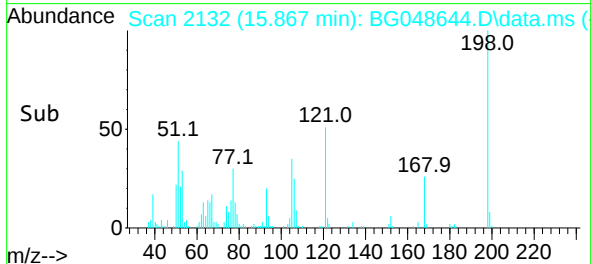
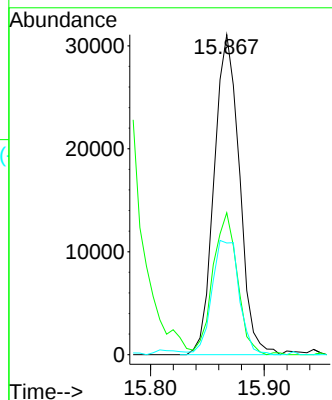
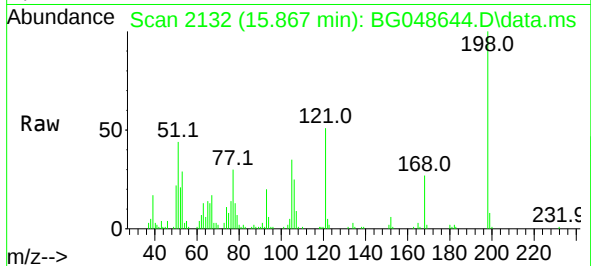




#65  
4,6-Dinitro-2-methylphenol  
Concen: 46.37 ng  
RT: 15.867 min Scan# 2132  
Delta R.T. -0.001 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

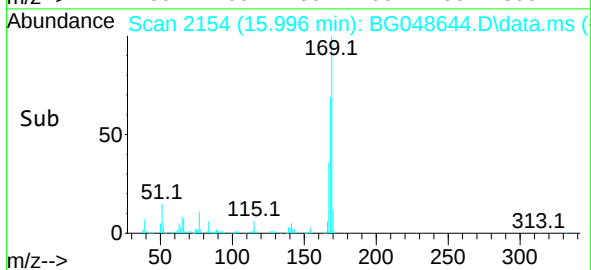
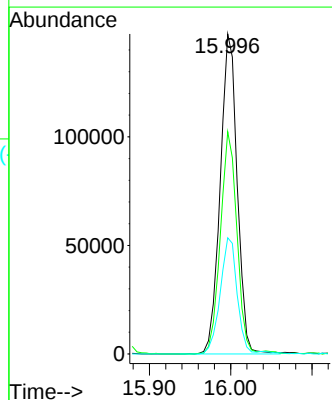
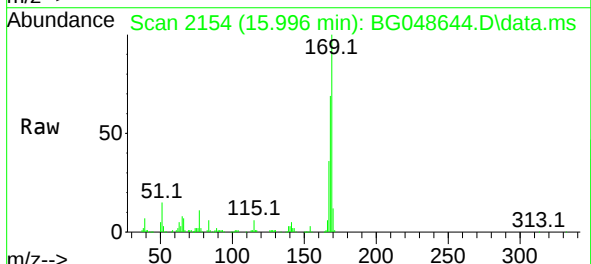
Instrument :  
BNA\_G  
ClientSampleId :  
PB135641BS

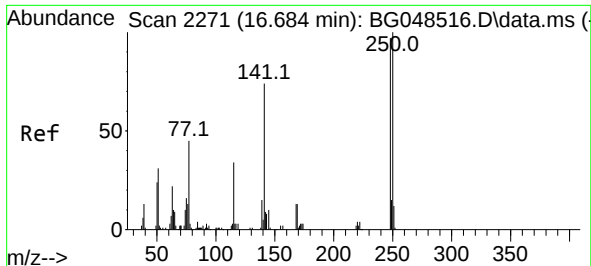
Tgt Ion:198 Resp: 47967  
Ion Ratio Lower Upper  
198 100  
51 44.4 26.5 66.5  
105 34.9 16.0 56.0



#66  
n-Nitrosodiphenylamine  
Concen: 43.87 ng  
RT: 15.996 min Scan# 2154  
Delta R.T. -0.006 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

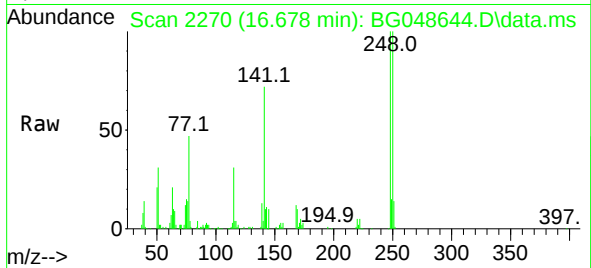
Tgt Ion:169 Resp: 214856  
Ion Ratio Lower Upper  
169 100  
168 69.4 52.7 79.1  
167 36.3 27.8 41.8



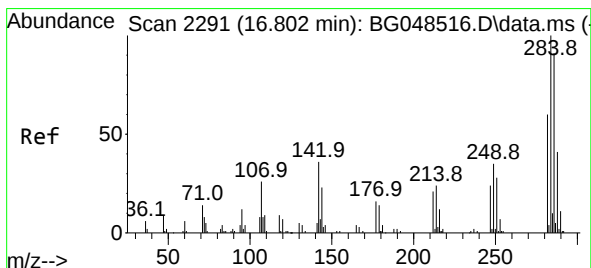
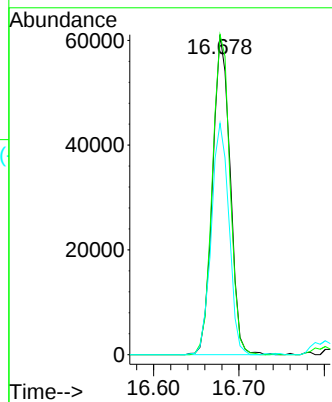
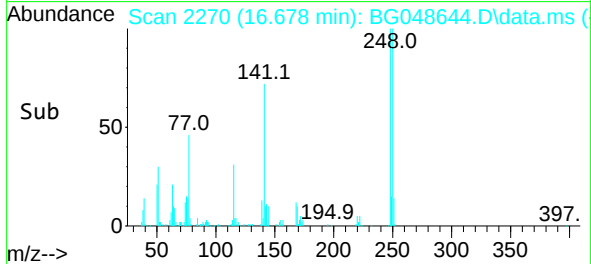


#67  
4-Bromophenyl-phenylether  
Concen: 45.59 ng  
RT: 16.678 min Scan# 2270  
Delta R.T. -0.006 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

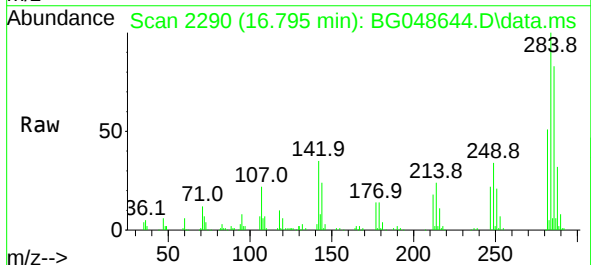
Instrument :  
BNA\_G  
ClientSampleId :  
PB135641BS



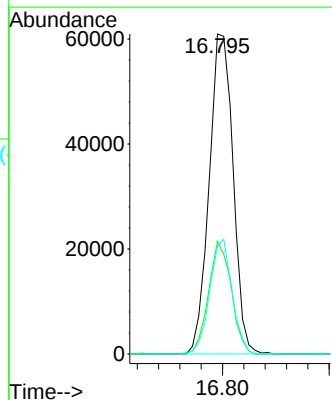
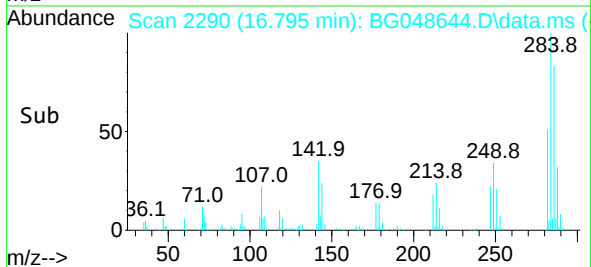
|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:248 | Resp: | 86999 |       |
| Ion         | Ratio | Lower | Upper |
| 248         | 100   |       |       |
| 250         | 100.0 | 82.6  | 124.0 |
| 141         | 72.3  | 61.0  | 91.6  |

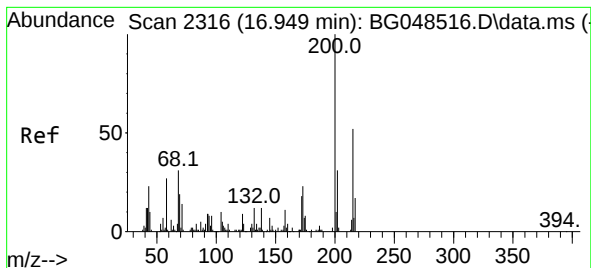


#68  
Hexachlorobenzene  
Concen: 47.63 ng  
RT: 16.795 min Scan# 2290  
Delta R.T. -0.006 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59



|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:284 | Resp: | 94897 |       |
| Ion         | Ratio | Lower | Upper |
| 284         | 100   |       |       |
| 142         | 35.2  | 29.1  | 43.7  |
| 249         | 33.7  | 27.7  | 41.5  |





#69

Atrazine

Concen: 48.57 ng

RT: 16.942 min Scan# 2315

Delta R.T. -0.006 min

Lab File: BG048644.D

Acq: 9 Apr 2021 13:59

Tgt Ion:200 Resp: 97021

Ion Ratio Lower Upper

200 100

173 24.9 2.8 42.8

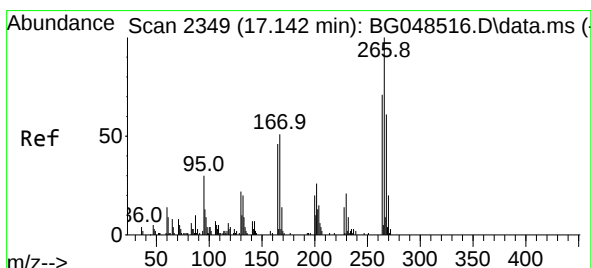
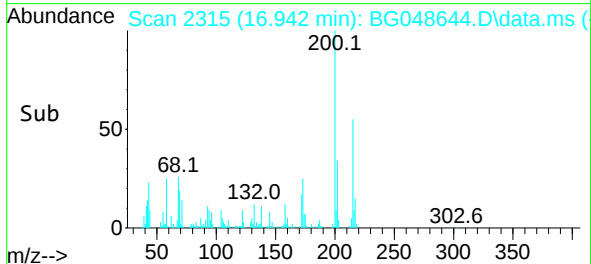
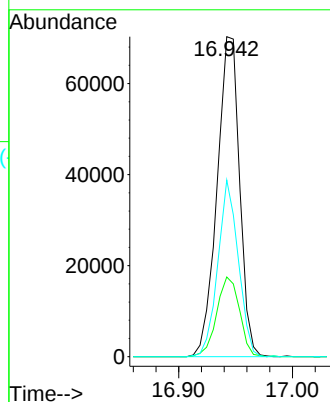
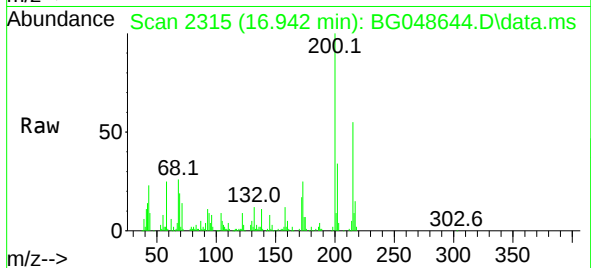
215 55.2 31.7 71.7

Instrument :

BNA\_G

ClientSampleId :

PB135641BS



#70

Pentachlorophenol

Concen: 95.30 ng

RT: 17.148 min Scan# 2350

Delta R.T. 0.005 min

Lab File: BG048644.D

Acq: 9 Apr 2021 13:59

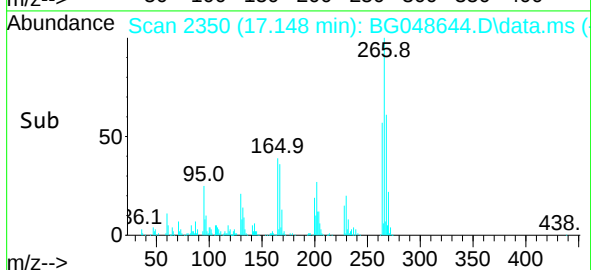
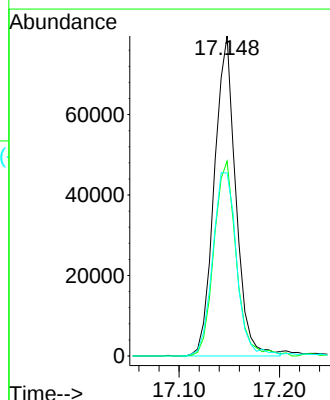
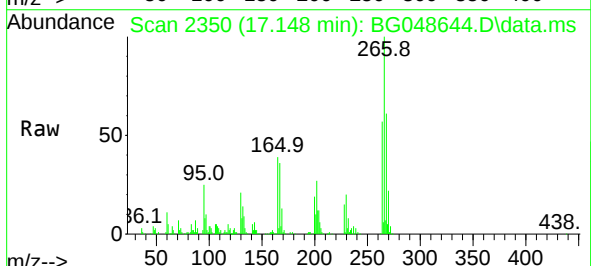
Tgt Ion:266 Resp: 118025

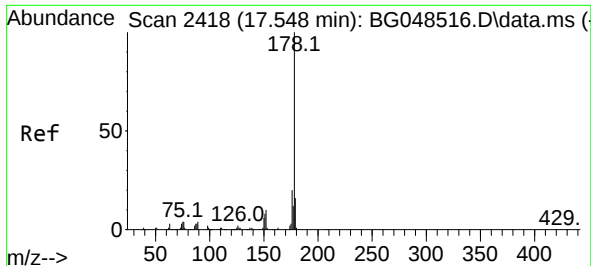
Ion Ratio Lower Upper

266 100

268 60.9 48.6 73.0

264 57.2 56.4 84.6

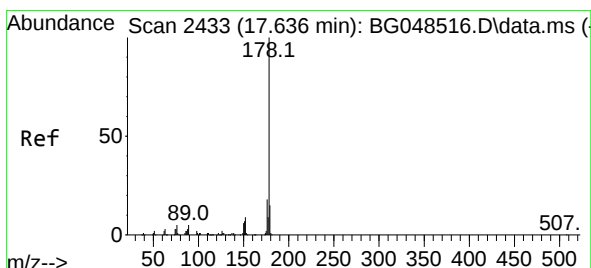
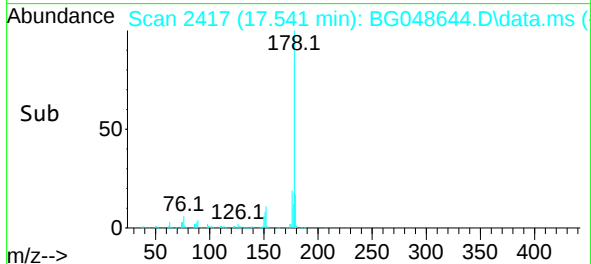
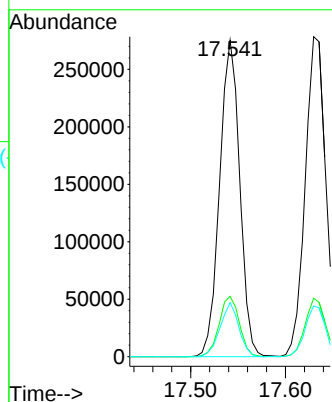
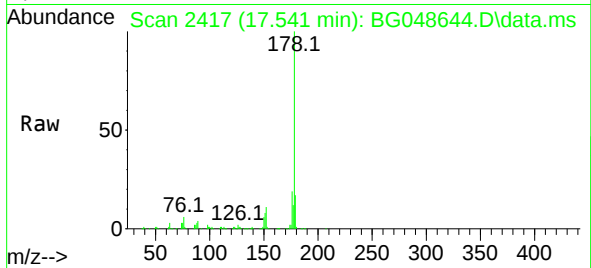




#71  
Phenanthrene  
Concen: 45.47 ng  
RT: 17.541 min Scan# 2417  
Delta R.T. -0.006 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

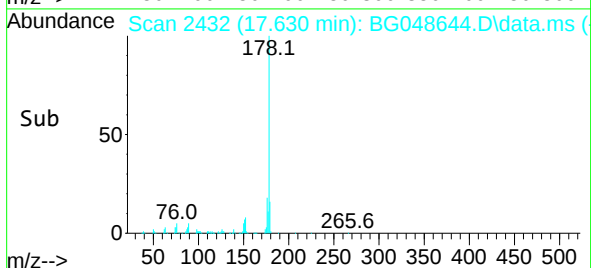
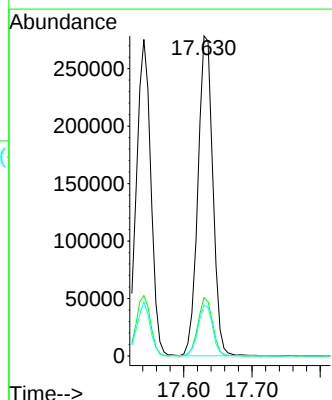
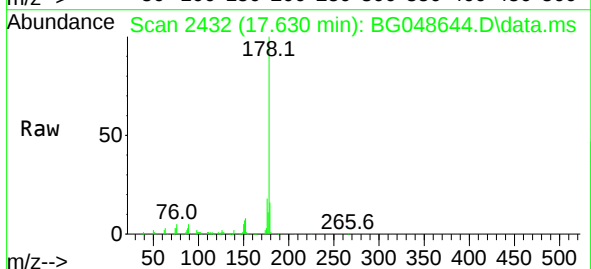
Instrument :  
BNA\_G  
ClientSampleId :  
PB135641BS

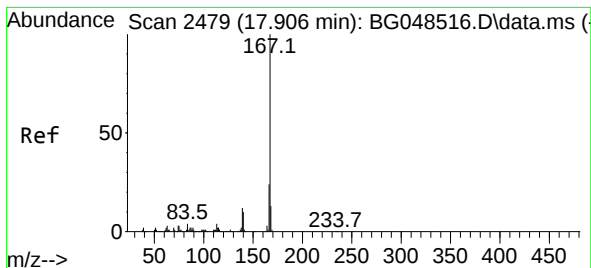
Tgt Ion:178 Resp: 406312  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.6 23.4  
179 17.1 12.9 19.3



#72  
Anthracene  
Concen: 47.35 ng  
RT: 17.630 min Scan# 2432  
Delta R.T. -0.006 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

Tgt Ion:178 Resp: 421678  
Ion Ratio Lower Upper  
178 100  
176 18.3 14.1 21.1  
179 15.8 11.9 17.9





#73

Carbazole

Concen: 45.27 ng

RT: 17.900 min Scan# 2478

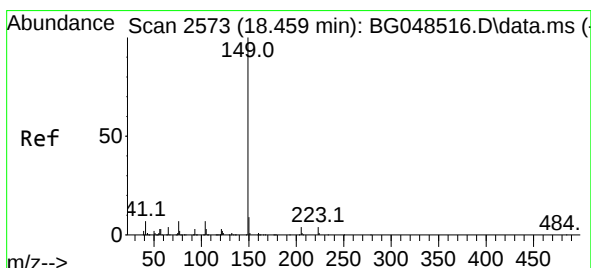
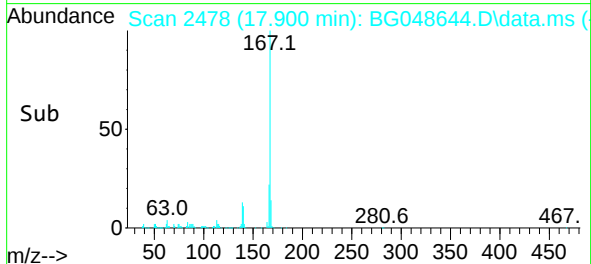
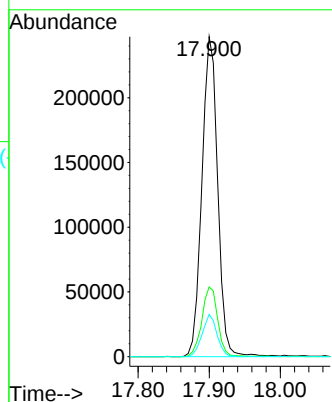
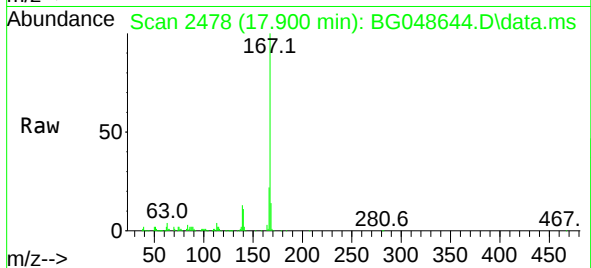
Delta R.T. -0.006 min

Lab File: BG048644.D

Acq: 9 Apr 2021 13:59

Tgt Ion:167 Resp: 382272

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.8  | 19.0  | 28.6  |
| 139 | 13.2  | 10.0  | 15.0  |



#74

Di-n-butylphthalate

Concen: 49.17 ng

RT: 18.452 min Scan# 2572

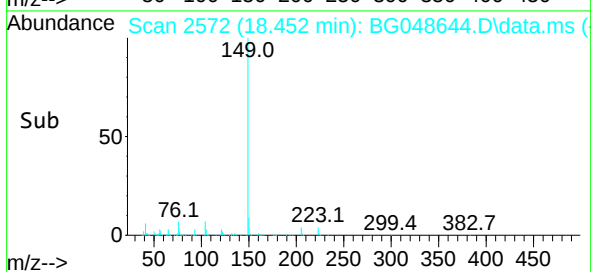
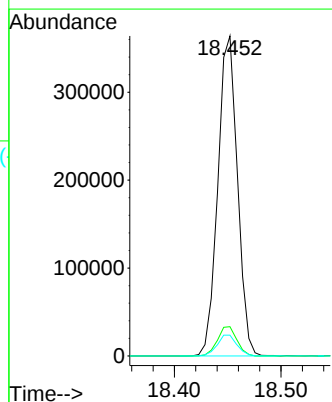
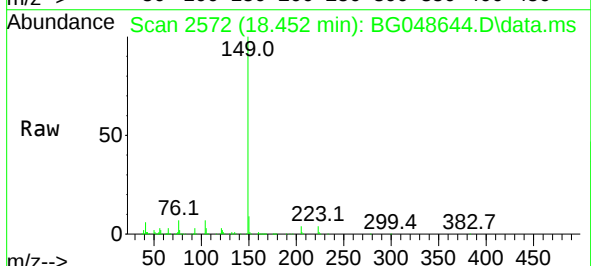
Delta R.T. -0.006 min

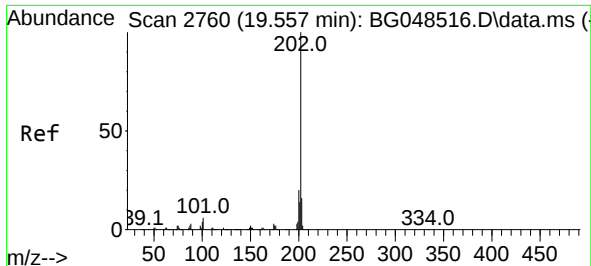
Lab File: BG048644.D

Acq: 9 Apr 2021 13:59

Tgt Ion:149 Resp: 463905

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.2   | 7.0   | 10.4  |
| 104 | 6.5   | 5.9   | 8.9   |

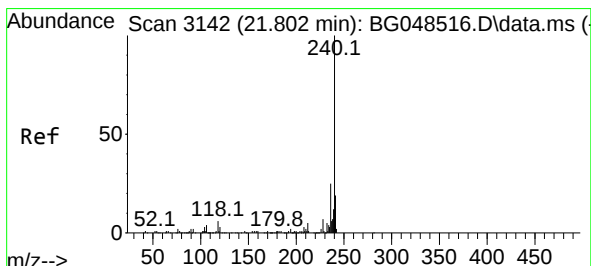
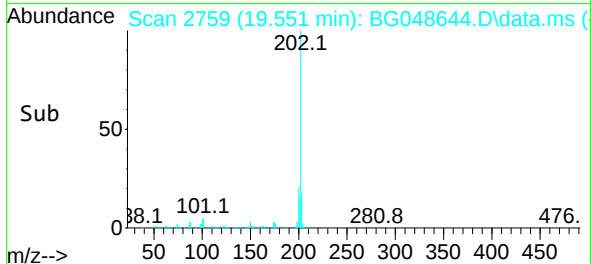
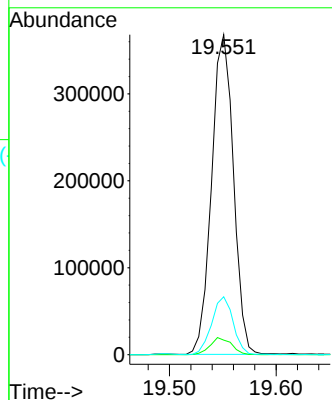
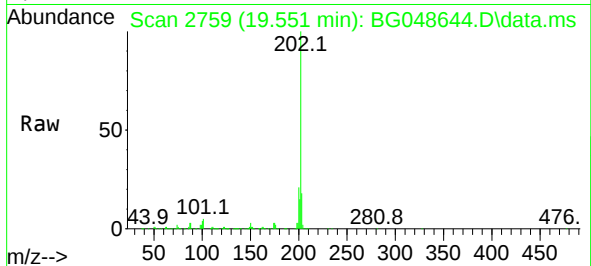




#75  
Fluoranthene  
Concen: 47.25 ng  
RT: 19.551 min Scan# 2759  
Delta R.T. -0.006 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

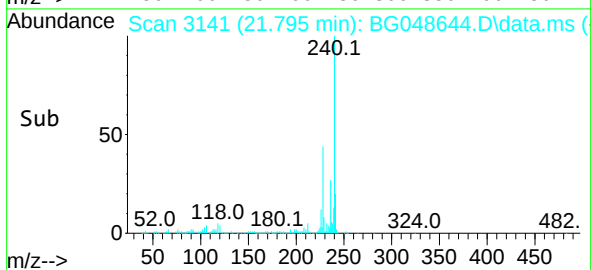
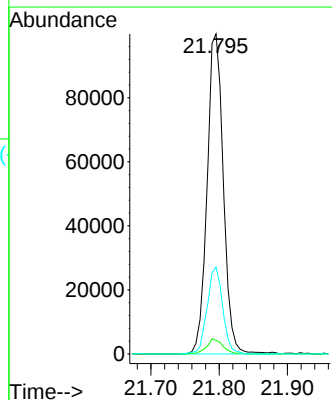
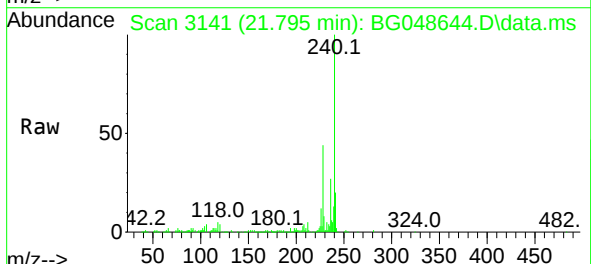
Instrument :  
BNA\_G  
ClientSampleId :  
PB135641BS

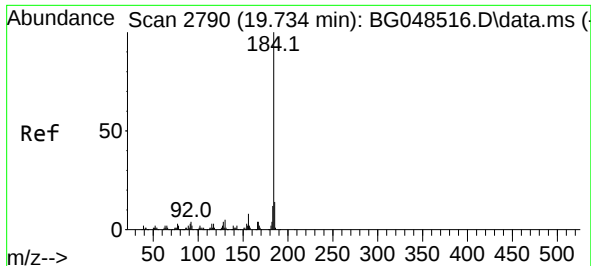
Tgt Ion:202 Resp: 523500  
Ion Ratio Lower Upper  
202 100  
101 4.6 0.0 25.8  
203 18.1 0.0 36.4



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.795 min Scan# 3141  
Delta R.T. -0.006 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

Tgt Ion:240 Resp: 165605  
Ion Ratio Lower Upper  
240 100  
120 4.2 2.6 3.8#  
236 27.1 19.8 29.6

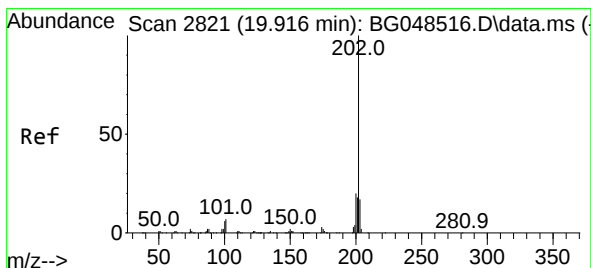
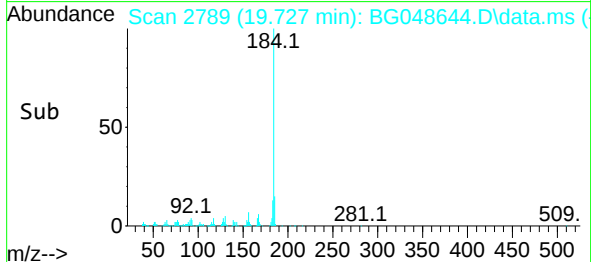
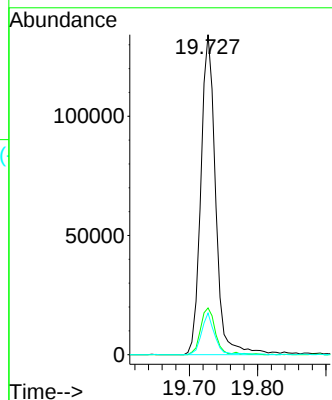
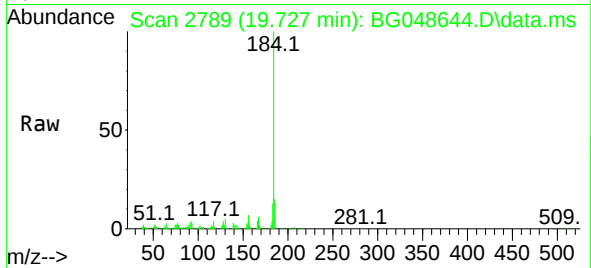




#77  
Benzidine  
Concen: 36.13 ng  
RT: 19.727 min Scan# 2789  
Delta R.T. -0.006 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

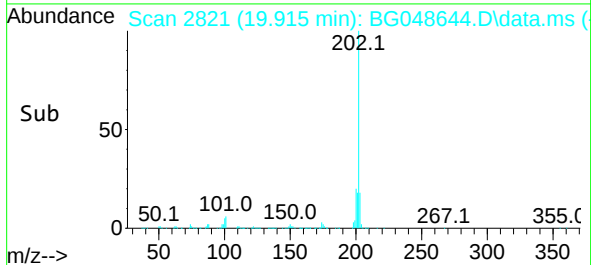
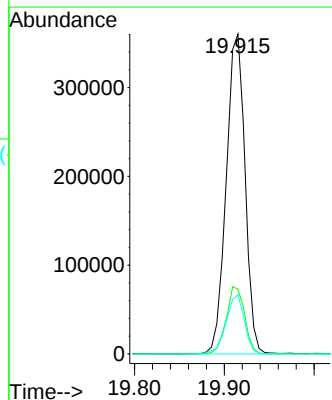
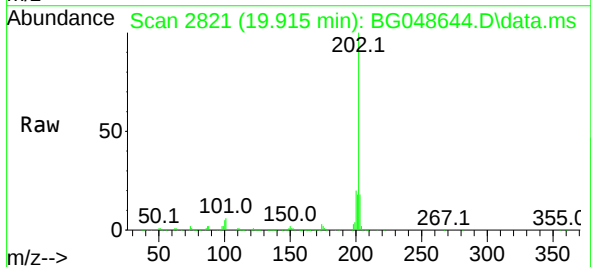
Instrument :  
BNA\_G  
ClientSampleId :  
PB135641BS

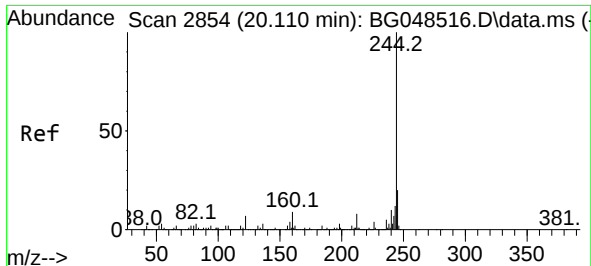
Tgt Ion:184 Resp: 202612  
Ion Ratio Lower Upper  
184 100  
185 14.6 11.0 16.4  
183 13.0 9.2 13.8



#78  
Pyrene  
Concen: 46.04 ng  
RT: 19.915 min Scan# 2821  
Delta R.T. -0.001 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

Tgt Ion:202 Resp: 524264  
Ion Ratio Lower Upper  
202 100  
200 20.3 16.1 24.1  
203 18.5 13.6 20.4

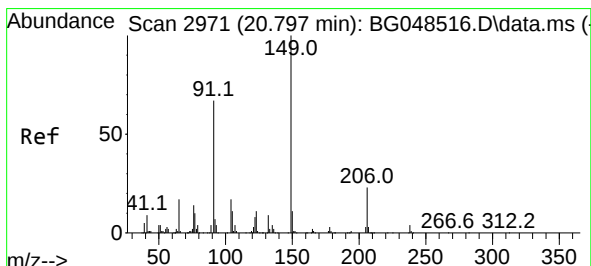
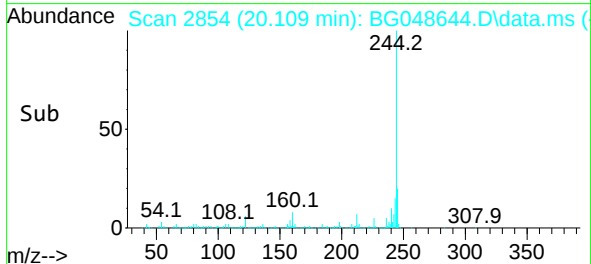
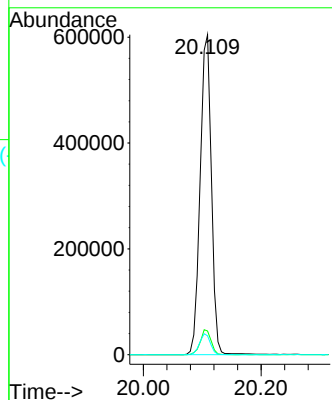
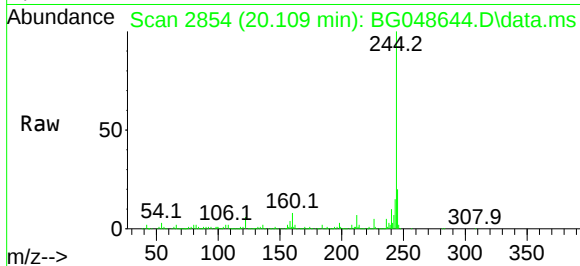




#79  
 Terphenyl-d14  
 Concen: 88.65 ng  
 RT: 20.109 min Scan# 2854  
 Delta R.T. -0.001 min  
 Lab File: BG048644.D  
 Acq: 9 Apr 2021 13:59

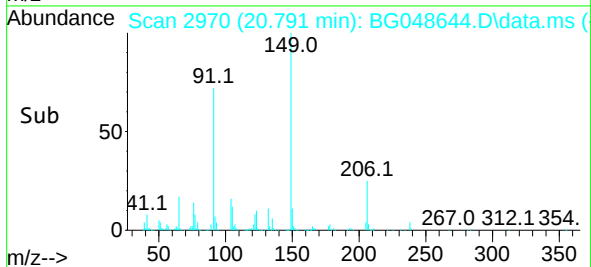
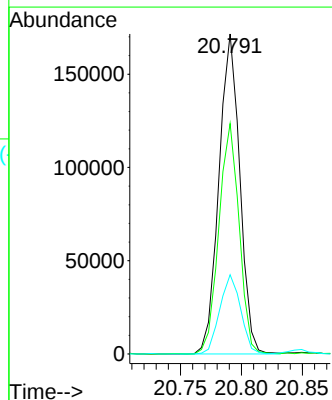
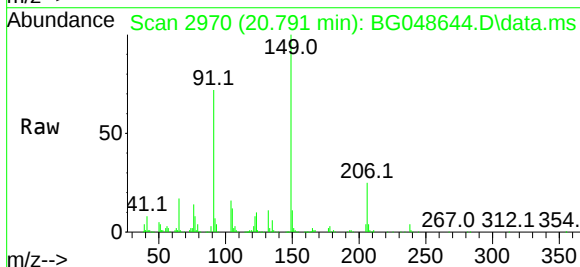
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB135641BS

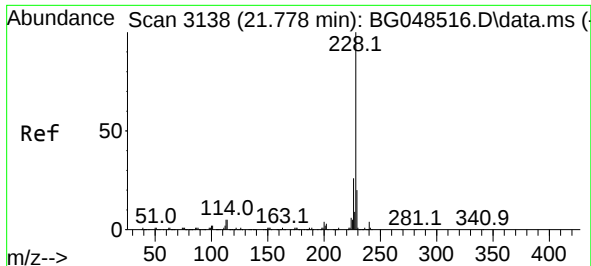
Tgt Ion:244 Resp: 802763  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 6.0 9.0  
 122 5.9 5.8 8.6



#80  
 Butylbenzylphthalate  
 Concen: 48.41 ng  
 RT: 20.791 min Scan# 2970  
 Delta R.T. -0.006 min  
 Lab File: BG048644.D  
 Acq: 9 Apr 2021 13:59

Tgt Ion:149 Resp: 204754  
 Ion Ratio Lower Upper  
 149 100  
 91 72.0 53.6 80.4  
 206 24.8 18.3 27.5

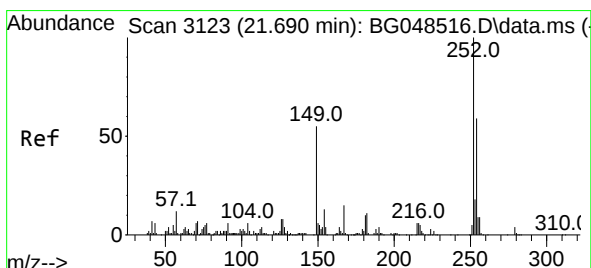
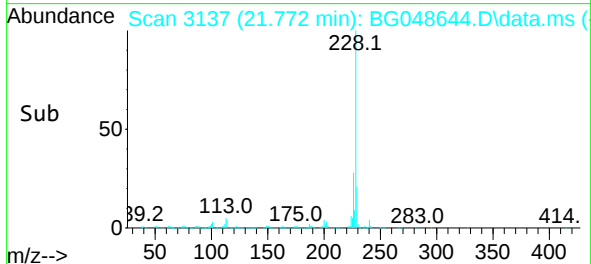
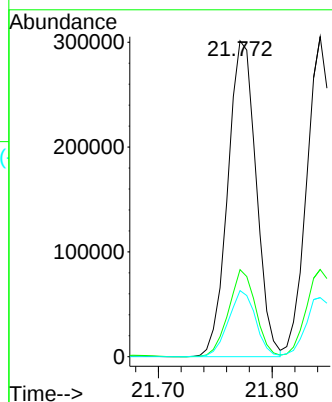
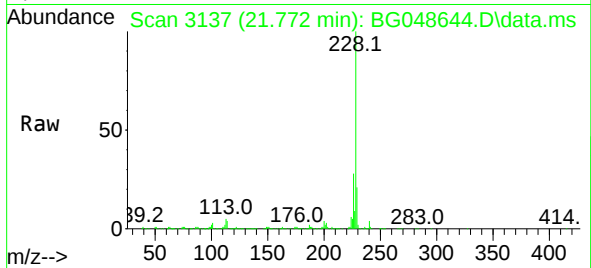




#81  
Benzo(a)anthracene  
Concen: 47.11 ng  
RT: 21.772 min Scan# 3137  
Delta R.T. -0.006 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

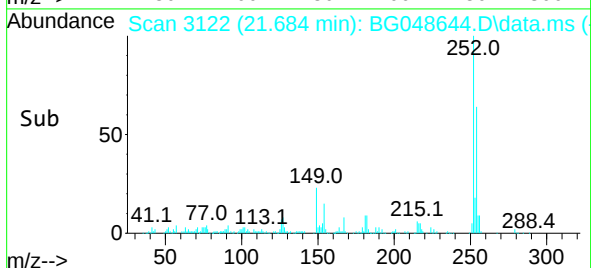
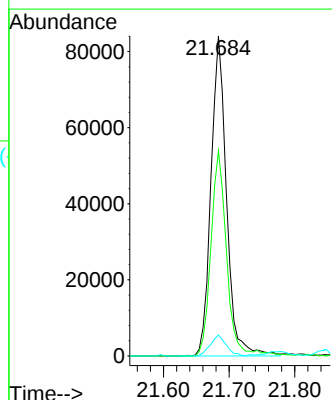
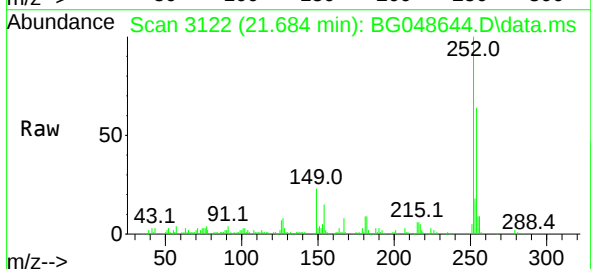
Instrument :  
BNA\_G  
ClientSampleId :  
PB135641BS

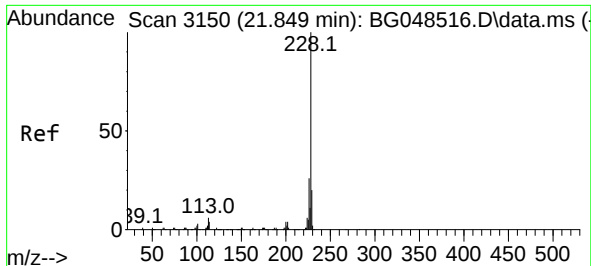
Tgt Ion:228 Resp: 521308  
Ion Ratio Lower Upper  
228 100  
226 27.6 20.6 30.8  
229 20.9 15.8 23.8



#82  
3,3'-Dichlorobenzidine  
Concen: 36.51 ng  
RT: 21.684 min Scan# 3122  
Delta R.T. -0.006 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

Tgt Ion:252 Resp: 138772  
Ion Ratio Lower Upper  
252 100  
254 64.1 47.4 71.2  
126 6.5 6.1 9.1

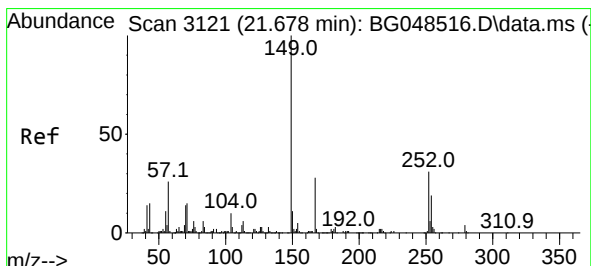
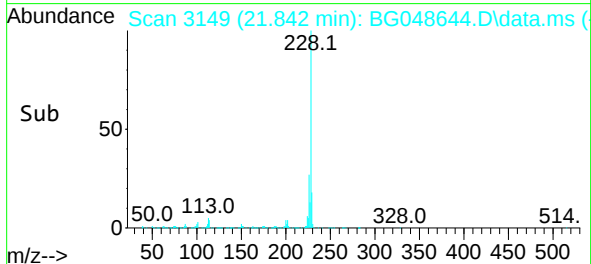
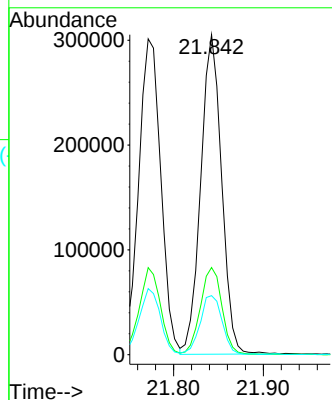
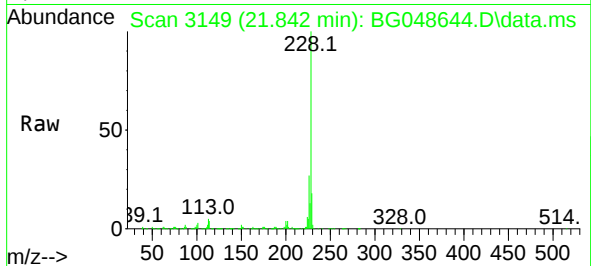




#83  
Chrysene  
Concen: 46.59 ng  
RT: 21.842 min Scan# 3149  
Delta R.T. -0.006 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

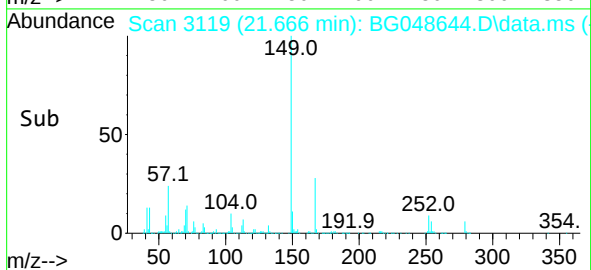
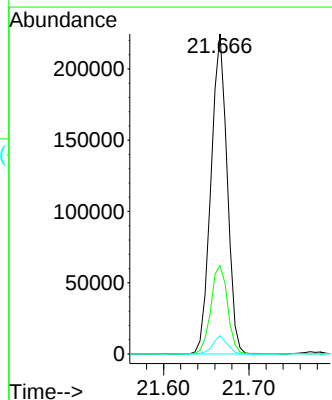
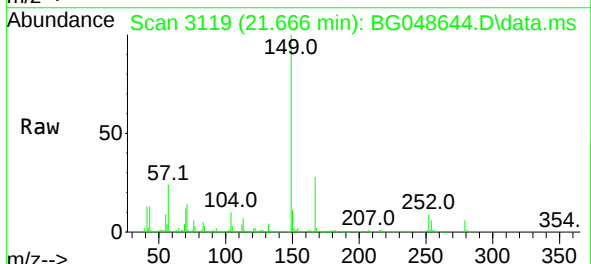
Instrument :  
BNA\_G  
ClientSampleId :  
PB135641BS

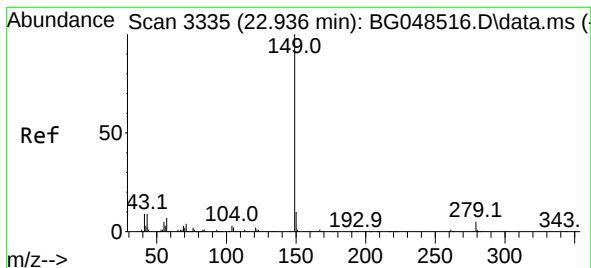
|             |              |
|-------------|--------------|
| Tgt Ion:228 | Resp: 491897 |
| Ion Ratio   | Lower Upper  |
| 228 100     |              |
| 226 27.3    | 20.6 31.0    |
| 229 18.5    | 16.3 24.5    |



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 50.10 ng  
RT: 21.666 min Scan# 3119  
Delta R.T. -0.012 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

|             |              |
|-------------|--------------|
| Tgt Ion:149 | Resp: 295132 |
| Ion Ratio   | Lower Upper  |
| 149 100     |              |
| 167 27.6    | 22.4 33.6    |
| 279 5.7     | 3.4 5.2#     |

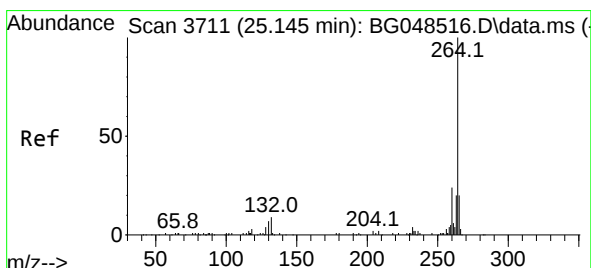
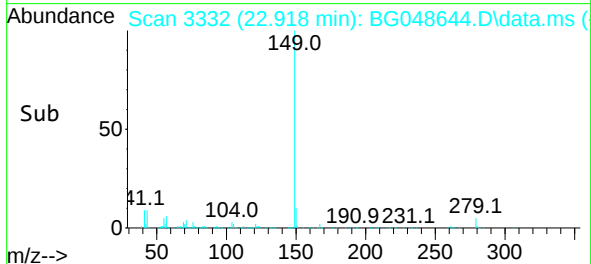
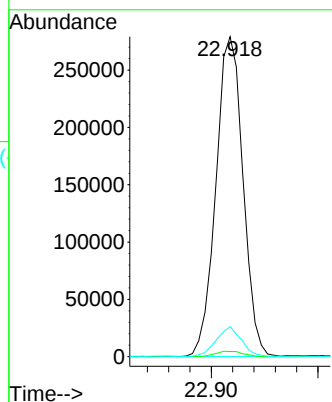
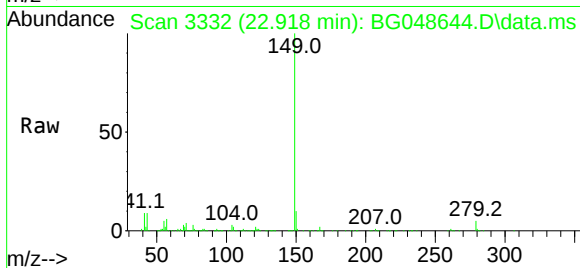




#85  
Di-n-octyl phthalate  
Concen: 47.81 ng  
RT: 22.918 min Scan# 3332  
Delta R.T. -0.018 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

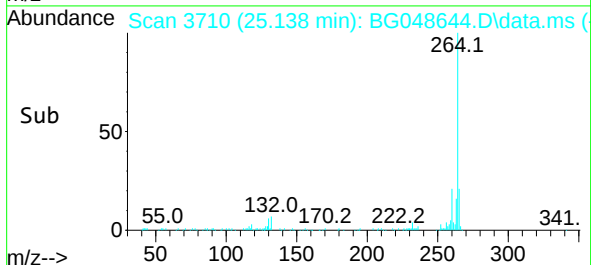
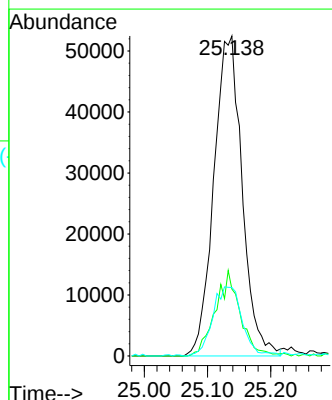
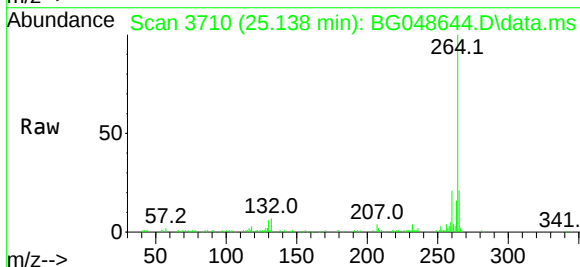
Instrument :  
BNA\_G  
ClientSampleId :  
PB135641BS

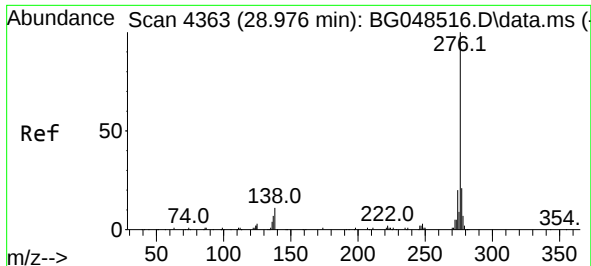
Tgt Ion:149 Resp: 490998  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.2 1.8  
43 8.9 7.4 11.0



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 25.138 min Scan# 3710  
Delta R.T. -0.006 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

Tgt Ion:264 Resp: 162828  
Ion Ratio Lower Upper  
264 100  
260 20.9 19.1 28.7  
265 21.4 16.1 24.1

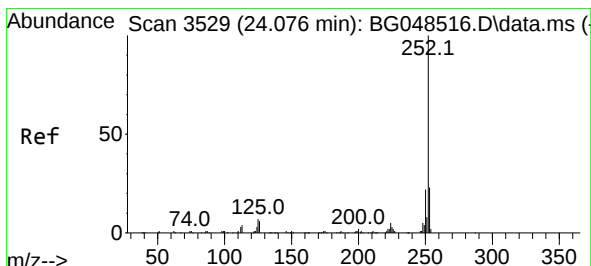
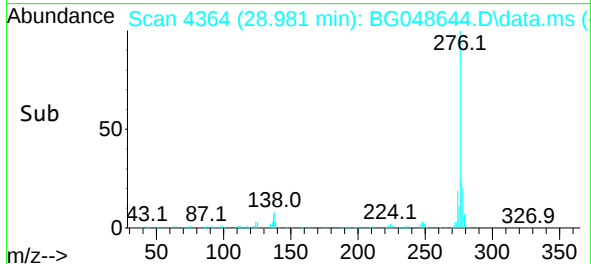
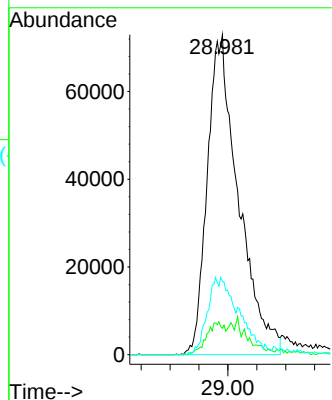
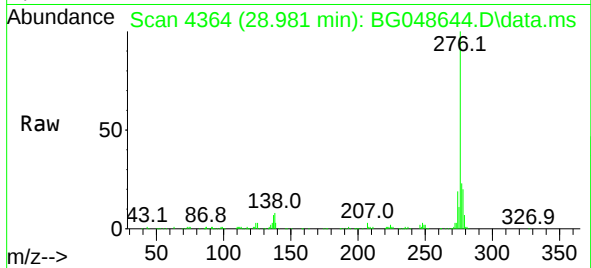




#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 47.79 ng  
 RT: 28.981 min Scan# 4364  
 Delta R.T. 0.005 min  
 Lab File: BG048644.D  
 Acq: 9 Apr 2021 13:59

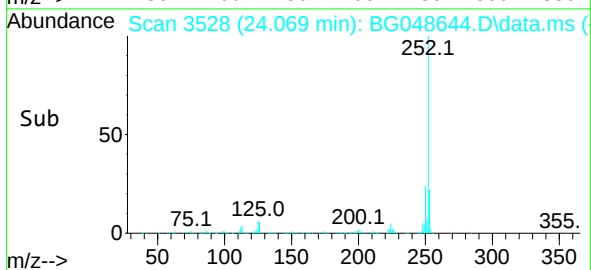
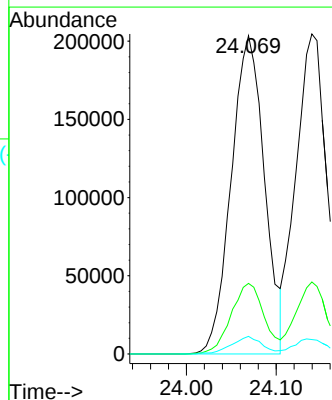
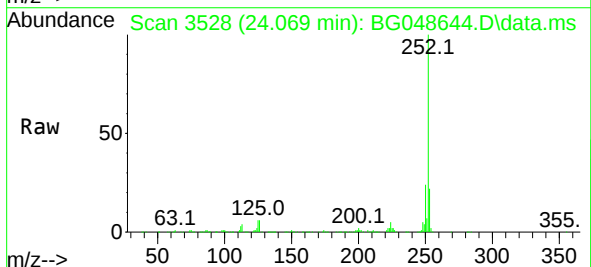
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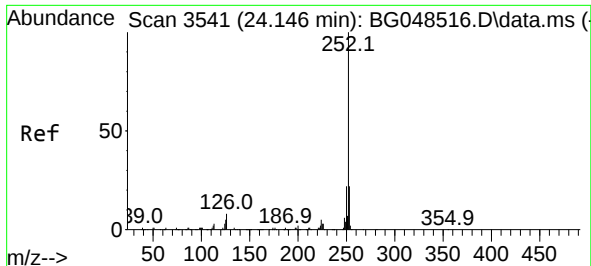
Tgt Ion:276 Resp: 545485  
 Ion Ratio Lower Upper  
 276 100  
 138 0.0 7.8 11.8#  
 277 0.0 0.0 0.0



#88  
 Benzo(b)fluoranthene  
 Concen: 49.56 ng  
 RT: 24.069 min Scan# 3528  
 Delta R.T. -0.006 min  
 Lab File: BG048644.D  
 Acq: 9 Apr 2021 13:59

Tgt Ion:252 Resp: 524088  
 Ion Ratio Lower Upper  
 252 100  
 253 22.2 18.2 27.4  
 125 5.5 5.3 7.9

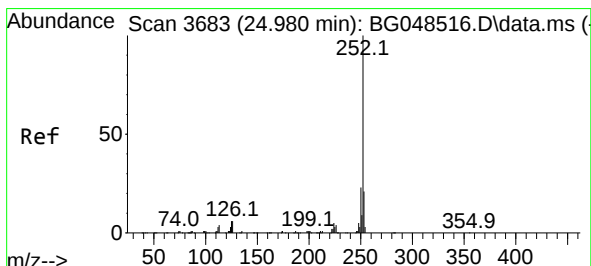
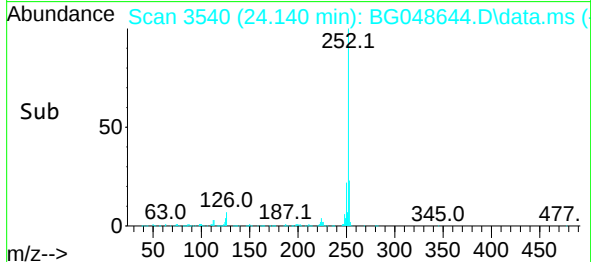
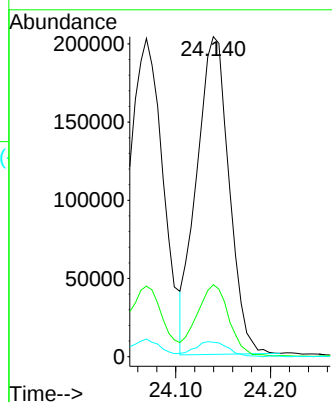
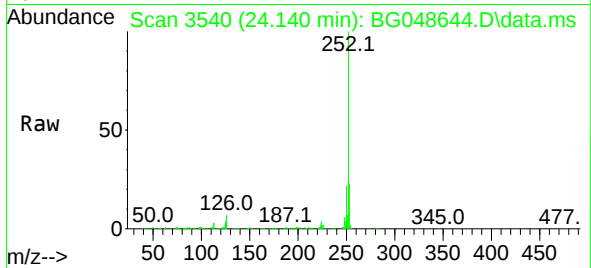




#89  
Benzo(k)fluoranthene  
Concen: 47.64 ng  
RT: 24.140 min Scan# 3540  
Delta R.T. -0.006 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

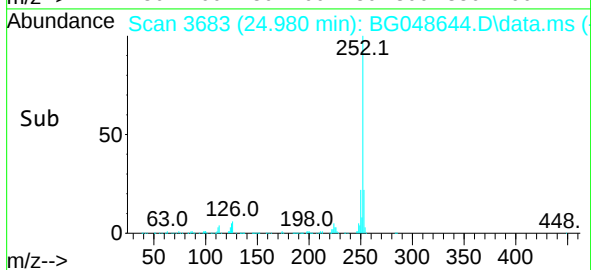
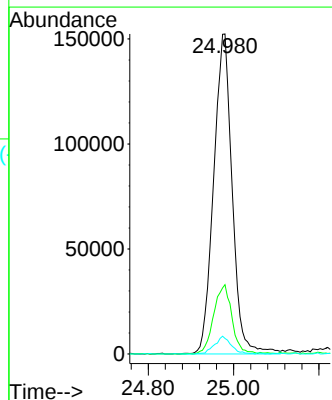
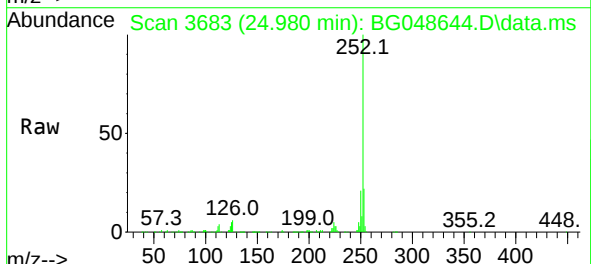
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BNA\_G  
ClientSampleId :  
PB135641BS

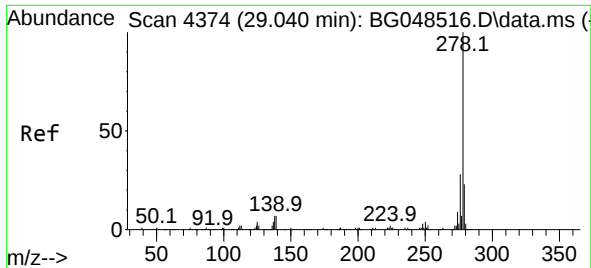
Tgt Ion:252 Resp: 484358  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.9 26.9  
125 4.5 3.9 5.9



#90  
Benzo(a)pyrene  
Concen: 47.29 ng  
RT: 24.980 min Scan# 3683  
Delta R.T. -0.001 min  
Lab File: BG048644.D  
Acq: 9 Apr 2021 13:59

Tgt Ion:252 Resp: 460956  
Ion Ratio Lower Upper  
252 100  
253 21.7 17.1 25.7  
125 4.9 4.4 6.6

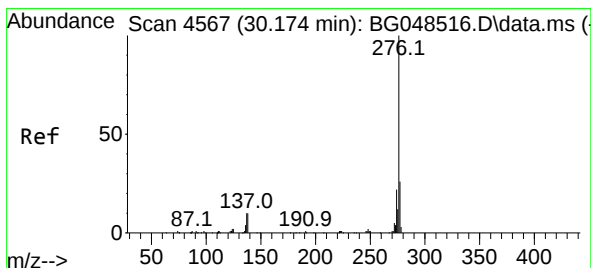
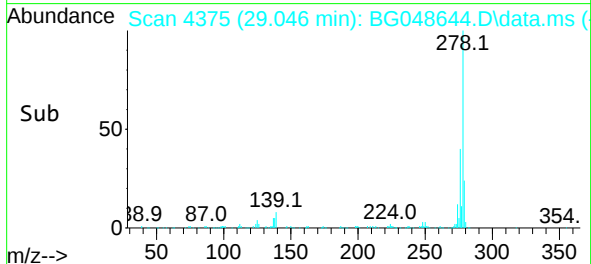
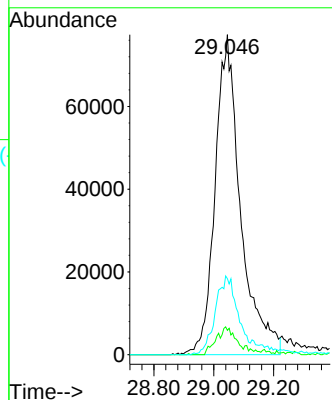
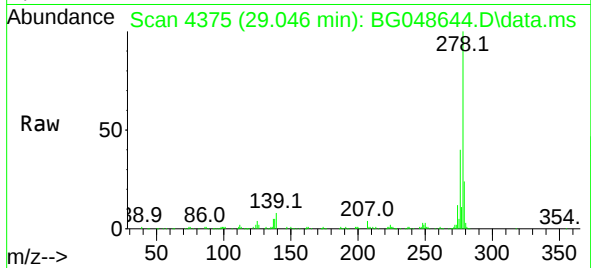




#91  
 Dibenzo(a,h)anthracene  
 Concen: 46.76 ng  
 RT: 29.046 min Scan# 4375  
 Delta R.T. 0.005 min  
 Lab File: BG048644.D  
 Acq: 9 Apr 2021 13:59

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB135641BS

Tgt Ion:278 Resp: 455583  
 Ion Ratio Lower Upper  
 278 100  
 139 7.6 5.8 8.6  
 279 23.8 18.6 28.0



#92  
 Benzo(g,h,i)perylene  
 Concen: 42.32 ng  
 RT: 30.174 min Scan# 4567  
 Delta R.T. -0.001 min  
 Lab File: BG048644.D  
 Acq: 9 Apr 2021 13:59

Tgt Ion:276 Resp: 403832  
 Ion Ratio Lower Upper  
 276 100  
 277 22.8 20.4 30.6  
 138 10.4 8.1 12.1

