

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062121\  
 Data File : BG049030.D  
 Acq On : 21 Jun 2021 12:56  
 Operator : CG/JU  
 Sample : PB137219BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB137219BS

Quant Time: Jun 21 13:34:40 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG061121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 16 12:04:50 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.111  | 152  | 40948    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.937 | 136  | 177778   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.756 | 164  | 125099   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.506 | 188  | 274159   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.795 | 240  | 256141   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 25.120 | 264  | 260731   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.667  | 112  | 356047   | 135.355 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.271  | 99   | 471981   | 119.714 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.286  | 82   | 327785   | 79.504  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.248 | 330  | 224756   | 121.266 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.381 | 172  | 704529   | 79.558  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.109 | 244  | 1149592  | 82.196  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.540  | 88   | 40925    | 31.869  | ng    | # 74     |
| 3) Pyridine                   | 3.945  | 79   | 105442   | 30.268  | ng    | # 88     |
| 4) n-Nitrosodimethylamine     | 3.857  | 42   | 78549    | 47.084  | ng    | # 79     |
| 6) Aniline                    | 7.435  | 93   | 158267   | 31.876  | ng    | # 91     |
| 8) 2-Chlorophenol             | 7.676  | 128  | 134743   | 46.474  | ng    | 87       |
| 9) Benzaldehyde               | 7.247  | 77   | 30871    | 15.132  | ng    | 90       |
| 10) Phenol                    | 7.294  | 94   | 179419   | 44.051  | ng    | 94       |
| 11) bis(2-Chloroethyl)ether   | 7.523  | 93   | 124545   | 41.212  | ng    | # 78     |
| 12) 1,3-Dichlorobenzene       | 8.005  | 146  | 133091   | 41.092  | ng    | 99       |
| 13) 1,4-Dichlorobenzene       | 8.146  | 146  | 138464   | 42.881  | ng    | 96       |
| 14) 1,2-Dichlorobenzene       | 8.469  | 146  | 133135   | 42.859  | ng    | 91       |
| 15) Benzyl Alcohol            | 8.352  | 79   | 151613   | 41.989  | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.640  | 45   | 229301   | 40.101  | ng    | 81       |
| 17) 2-Methylphenol            | 8.557  | 107  | 120404   | 45.077  | ng    | 97       |
| 18) Hexachloroethane          | 9.204  | 117  | 56059    | 43.275  | ng    | 96       |
| 19) n-Nitroso-di-n-propyla... | 8.922  | 70   | 116688   | 37.864  | ng    | # 95     |
| 20) 3+4-Methylphenols         | 8.886  | 107  | 163561   | 44.787  | ng    | 96       |
| 22) Acetophenone              | 8.939  | 105  | 221595   | 40.970  | ng    | # 94     |
| 24) Nitrobenzene              | 9.327  | 77   | 181700   | 39.124  | ng    | 98       |
| 25) Isophorone                | 9.850  | 82   | 310558   | 34.575  | ng    | 98       |
| 26) 2-Nitrophenol             | 10.038 | 139  | 73244    | 46.494  | ng    | 94       |
| 27) 2,4-Dimethylphenol        | 10.097 | 122  | 128388   | 44.950  | ng    | 98       |
| 28) bis(2-Chloroethoxy)met... | 10.332 | 93   | 167090   | 40.174  | ng    | 94       |
| 29) 2,4-Dichlorophenol        | 10.579 | 162  | 133946   | 41.801  | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 10.796 | 180  | 149621   | 40.726  | ng    | 95       |
| 31) Naphthalene               | 10.990 | 128  | 409311   | 38.647  | ng    | 99       |
| 32) Benzoic acid              | 10.255 | 122  | 89792    | 48.130  | ng    | # 74     |
| 33) 4-Chloroaniline           | 11.090 | 127  | 64178    | 14.272  | ng    | 93       |
| 34) Hexachlorobutadiene       | 11.272 | 225  | 105643   | 40.346  | ng    | 94       |
| 35) Caprolactam               | 11.877 | 113  | 23559    | 25.434  | ng    | # 45     |
| 36) 4-Chloro-3-methylphenol   | 12.212 | 107  | 156216   | 39.885  | ng    | # 93     |
| 37) 2-Methylnaphthalene       | 12.588 | 142  | 300954   | 37.621  | ng    | 98       |
| 38) 1-Methylnaphthalene       | 12.805 | 142  | 280141   | 37.300  | ng    | 96       |
| 40) 1,2,4,5-Tetrachloroben... | 12.952 | 216  | 173504   | 43.678  | ng    | 98       |
| 41) Hexachlorocyclopentadiene | 12.935 | 237  | 258090   | 101.067 | ng    | 94       |
| 43) 2,4,6-Trichlorophenol     | 13.187 | 196  | 123473   | 46.455  | ng    | 95       |

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 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

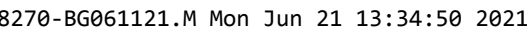
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB137219BS

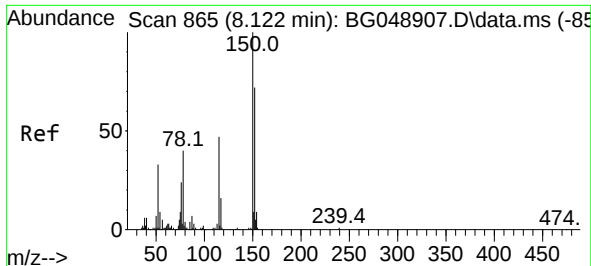
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 QLast Update : Wed Jun 16 12:04:50 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.270 | 196  | 132014   | 48.034  | ng    | 93       |
| 46) 1,1'-Biphenyl             | 13.593 | 154  | 391241   | 42.420  | ng    | 97       |
| 47) 2-Chloronaphthalene       | 13.634 | 162  | 296282   | 40.228  | ng    | 96       |
| 48) 2-Nitroaniline            | 13.834 | 65   | 118322   | 44.656  | ng    | 97       |
| 49) Acenaphthylene            | 14.480 | 152  | 493776   | 40.232  | ng    | 96       |
| 50) Dimethylphthalate         | 14.210 | 163  | 399778   | 41.026  | ng    | 100      |
| 51) 2,6-Dinitrotoluene        | 14.321 | 165  | 85879    | 43.275  | ng    | 96       |
| 52) Acenaphthene              | 14.821 | 154  | 294290   | 37.202  | ng    | 98       |
| 53) 3-Nitroaniline            | 14.656 | 138  | 52680    | 26.220  | ng    | 88       |
| 54) 2,4-Dinitrophenol         | 14.862 | 184  | 101027   | 109.904 | ng    | 90       |
| 55) Dibenzofuran              | 15.156 | 168  | 465809   | 37.882  | ng    | 99       |
| 56) 4-Nitrophenol             | 14.968 | 139  | 148478   | 90.647  | ng    | 92       |
| 57) 2,4-Dinitrotoluene        | 15.109 | 165  | 122804   | 50.380  | ng    | 96       |
| 58) Fluorene                  | 15.802 | 166  | 386198   | 38.408  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.297 | 232  | 118593   | 42.629  | ng    | 93       |
| 60) Diethylphthalate          | 15.567 | 149  | 421121   | 39.902  | ng    | 96       |
| 61) 4-Chlorophenyl-phenyle... | 15.790 | 204  | 216792   | 41.233  | ng    | 98       |
| 62) 4-Nitroaniline            | 15.819 | 138  | 86330    | 42.488  | ng #  | 84       |
| 63) Azobenzene                | 16.084 | 77   | 431199   | 35.707  | ng    | 89       |
| 65) 4,6-Dinitro-2-methylph... | 15.872 | 198  | 66731    | 51.328  | ng    | 86       |
| 66) n-Nitrosodiphenylamine    | 16.007 | 169  | 337074   | 39.452  | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 16.689 | 248  | 143027   | 41.781  | ng    | 96       |
| 68) Hexachlorobenzene         | 16.807 | 284  | 157135   | 42.352  | ng    | 97       |
| 69) Atrazine                  | 16.953 | 200  | 141195   | 51.486  | ng    | 99       |
| 70) Pentachlorophenol         | 17.153 | 266  | 199613   | 89.522  | ng    | 96       |
| 71) Phenanthrene              | 17.547 | 178  | 611716   | 39.654  | ng    | 98       |
| 72) Anthracene                | 17.641 | 178  | 620338   | 40.019  | ng    | 98       |
| 73) Carbazole                 | 17.905 | 167  | 570920   | 38.423  | ng    | 99       |
| 74) Di-n-butylphthalate       | 18.463 | 149  | 702186   | 42.134  | ng    | 98       |
| 75) Fluoranthene              | 19.556 | 202  | 752441   | 40.449  | ng    | 98       |
| 77) Benzidine                 | 19.727 | 184  | 297797   | 57.713  | ng    | 98       |
| 78) Pyrene                    | 19.915 | 202  | 753636   | 40.537  | ng    | 97       |
| 80) Butylbenzylphthalate      | 20.796 | 149  | 304878   | 43.465  | ng    | 97       |
| 81) Benzo(a)anthracene        | 21.777 | 228  | 756352   | 41.126  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 21.683 | 252  | 194599   | 33.089  | ng    | 99       |
| 83) Chrysene                  | 21.842 | 228  | 711876   | 40.371  | ng    | 96       |
| 84) Bis(2-ethylhexyl)phtha... | 21.677 | 149  | 439594   | 43.966  | ng    | 97       |
| 85) Di-n-octyl phthalate      | 22.929 | 149  | 749038   | 44.172  | ng    | 97       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.939 | 276  | 905690   | 46.156  | ng #  | 96       |
| 88) Benzo(b)fluoranthene      | 24.063 | 252  | 803785   | 43.245  | ng #  | 95       |
| 89) Benzo(k)fluoranthene      | 24.139 | 252  | 766661   | 43.474  | ng #  | 98       |
| 90) Benzo(a)pyrene            | 24.968 | 252  | 764857   | 45.081  | ng #  | 96       |
| 91) Dibenzo(a,h)anthracene    | 29.010 | 278  | 764113   | 46.594  | ng #  | 97       |
| 92) Benzo(g,h,i)perylene      | 30.138 | 276  | 754907   | 45.650  | ng #  | 98       |

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

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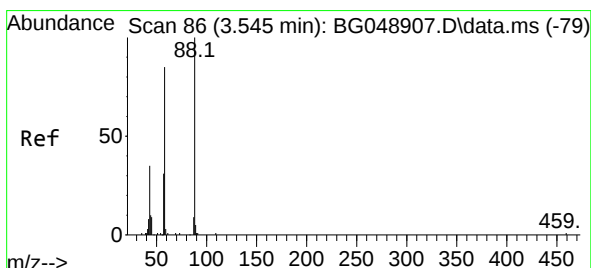
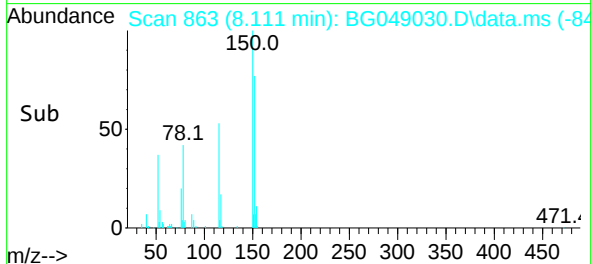
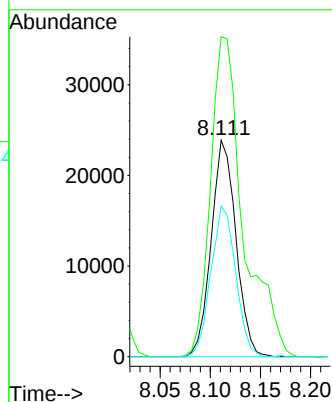
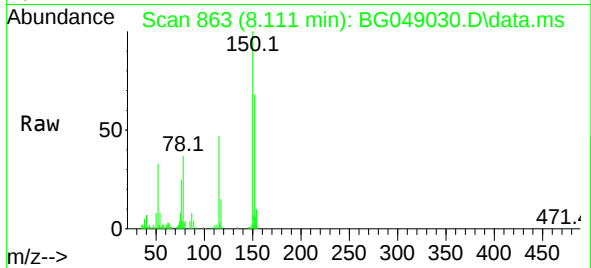




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.111 min Scan# 863  
 Delta R.T. -0.003 min  
 Lab File: BG049030.D  
 Acq: 21 Jun 2021 12:56

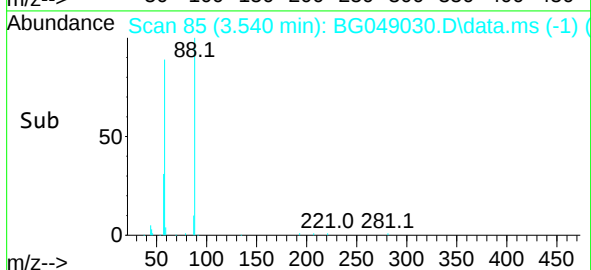
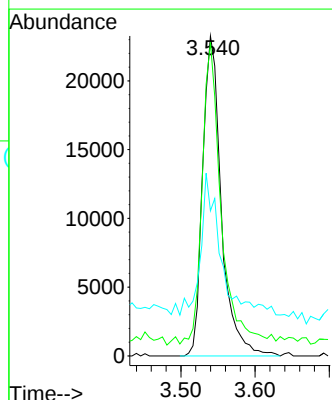
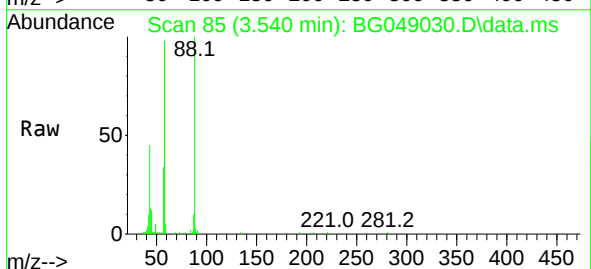
Instrument :  
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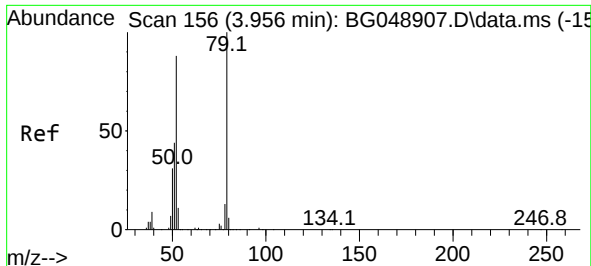
Tgt Ion:152 Resp: 40948  
 Ion Ratio Lower Upper  
 152 100  
 150 147.9 119.4 179.0  
 115 69.6 60.2 90.4



#2  
 1,4-Dioxane  
 Concen: 31.869 ng  
 RT: 3.540 min Scan# 85  
 Delta R.T. 0.003 min  
 Lab File: BG049030.D  
 Acq: 21 Jun 2021 12:56

Tgt Ion: 88 Resp: 40925  
 Ion Ratio Lower Upper  
 88 100  
 58 94.3 55.7 83.5#  
 43 47.4 29.3 43.9#

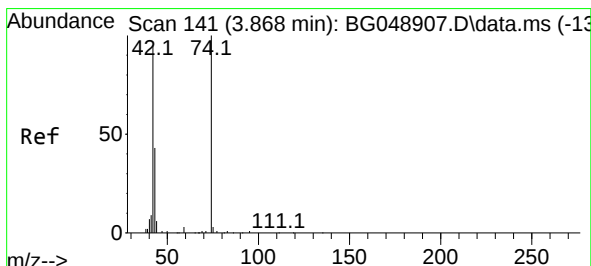
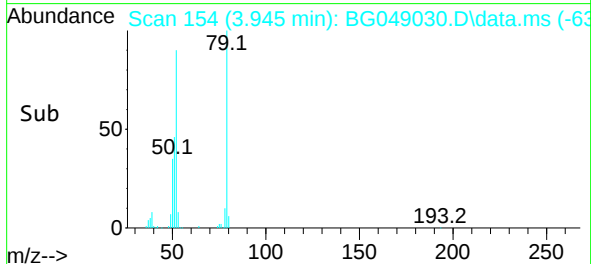
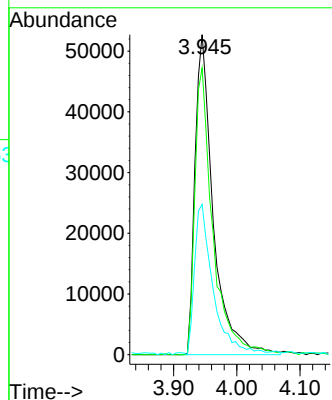
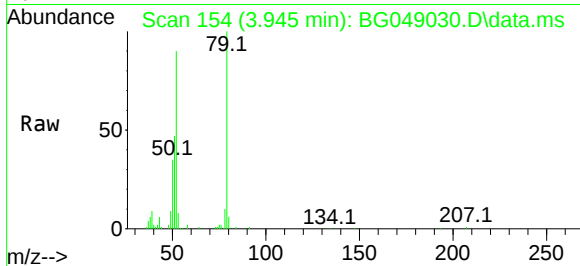




#3  
Pyridine  
Concen: 30.268 ng  
RT: 3.945 min Scan# 154  
Delta R.T. 0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

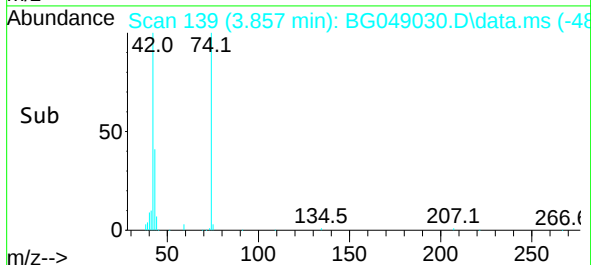
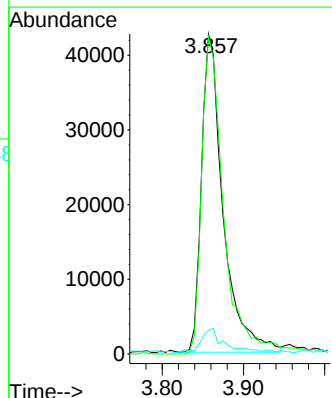
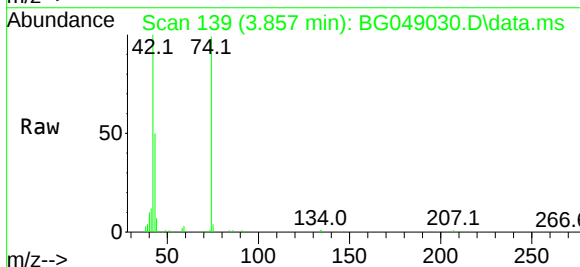
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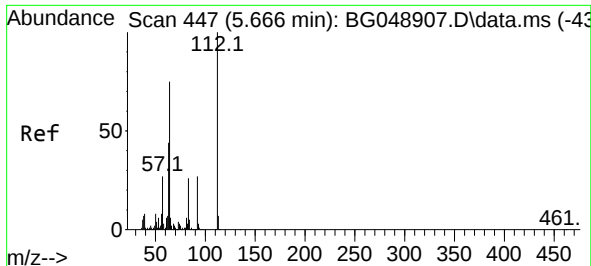
Tgt Ion: 79 Resp: 105442  
Ion Ratio Lower Upper  
79 100  
52 89.6 58.4 87.6#  
51 47.0 37.0 55.6



#4  
n-Nitrosodimethylamine  
Concen: 47.084 ng  
RT: 3.857 min Scan# 139  
Delta R.T. 0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

Tgt Ion: 42 Resp: 78549  
Ion Ratio Lower Upper  
42 100  
74 99.2 64.0 96.0#  
44 7.4 2.7 4.1#

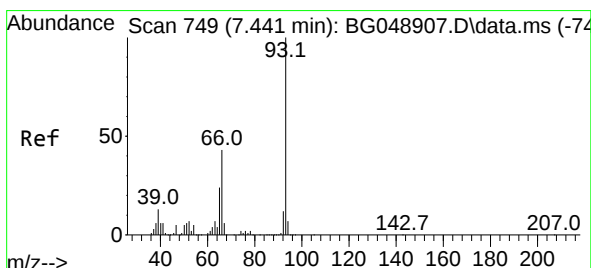
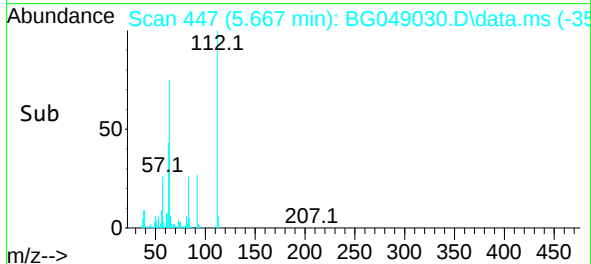
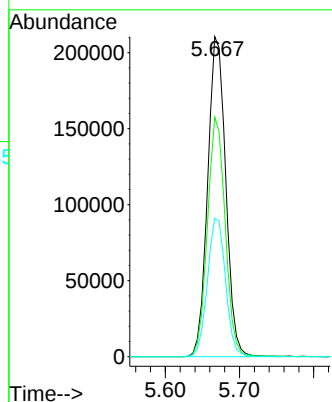
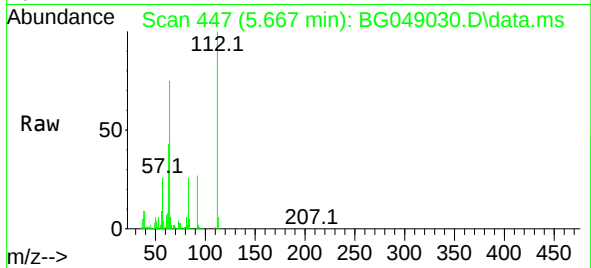




#5  
2-Fluorophenol  
Concen: 135.355 ng  
RT: 5.667 min Scan# 447  
Delta R.T. 0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

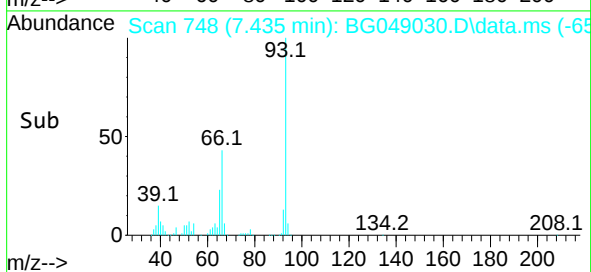
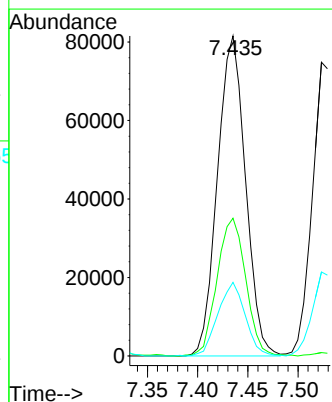
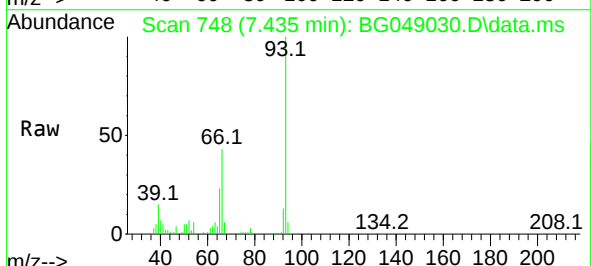
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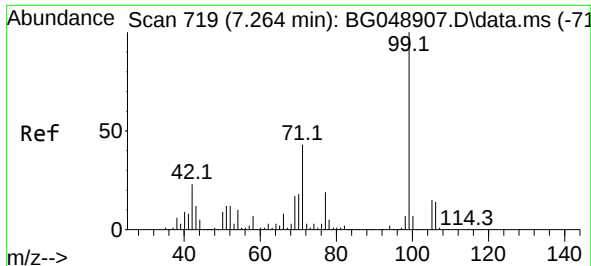
Tgt Ion:112 Resp: 356047  
Ion Ratio Lower Upper  
112 100  
64 74.9 46.7 70.1#  
63 43.2 35.3 52.9



#6  
Aniline  
Concen: 31.876 ng  
RT: 7.435 min Scan# 748  
Delta R.T. 0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

Tgt Ion: 93 Resp: 158267  
Ion Ratio Lower Upper  
93 100  
66 43.1 30.6 45.8  
65 23.0 15.0 22.4#

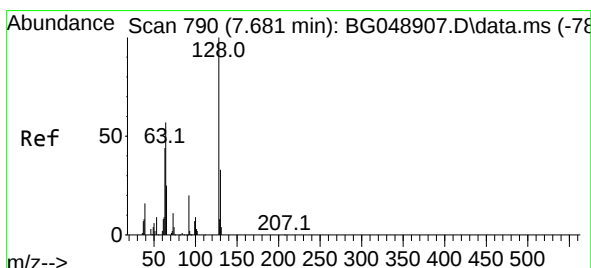
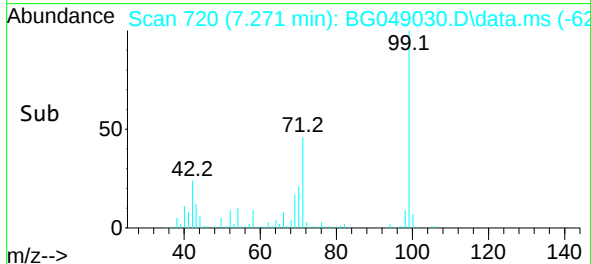
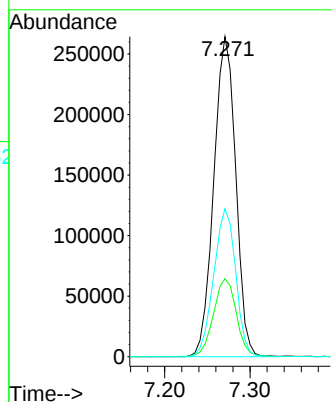
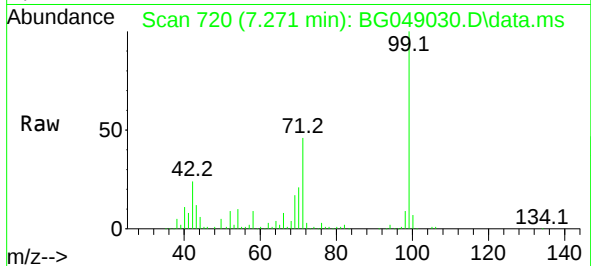




#7  
Phenol-d6  
Concen: 119.714 ng  
RT: 7.271 min Scan# 720  
Delta R.T. 0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

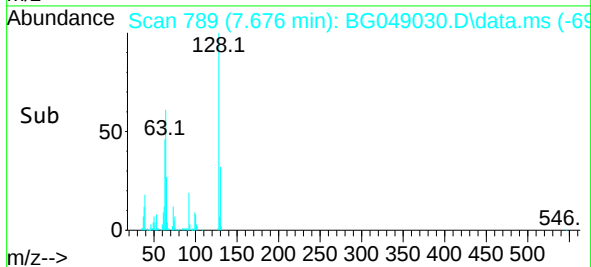
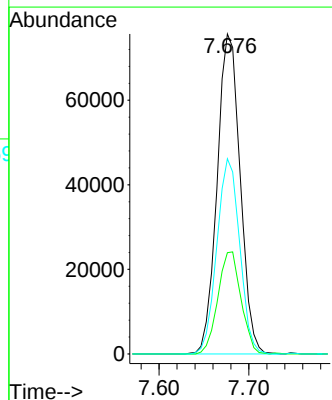
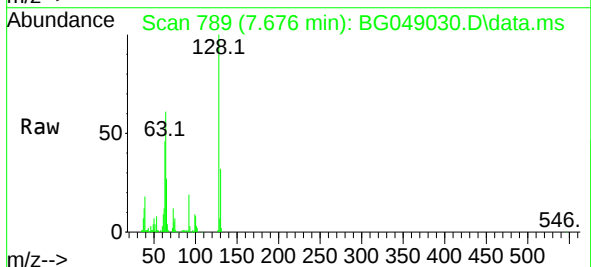
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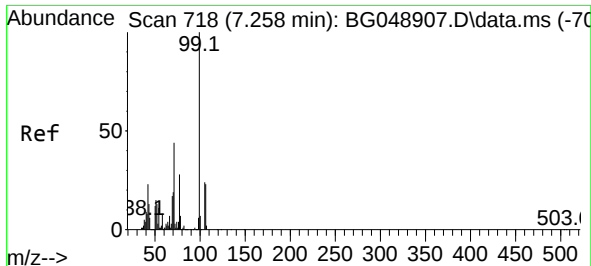
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|-------------|--------------|
| Tgt Ion: 99 | Resp: 471981 |
| Ion Ratio   | Lower Upper  |
| 99 100      |              |
| 42 24.3     | 20.5 30.7    |
| 71 46.2     | 41.5 62.3    |



#8  
2-Chlorophenol  
Concen: 46.474 ng  
RT: 7.676 min Scan# 789  
Delta R.T. -0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

|              |              |
|--------------|--------------|
| Tgt Ion: 128 | Resp: 134743 |
| Ion Ratio    | Lower Upper  |
| 128 100      |              |
| 130 31.7     | 10.0 50.0    |
| 64 61.0      | 28.1 68.1    |

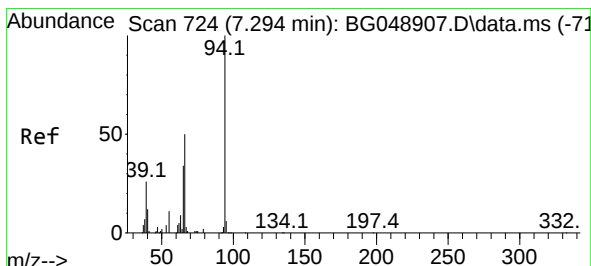
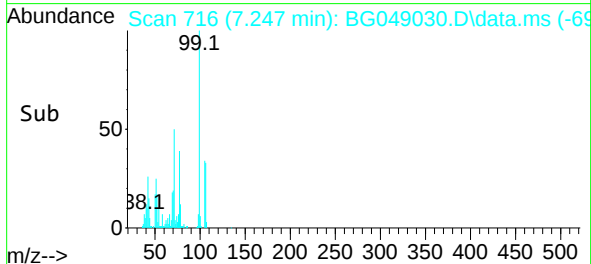
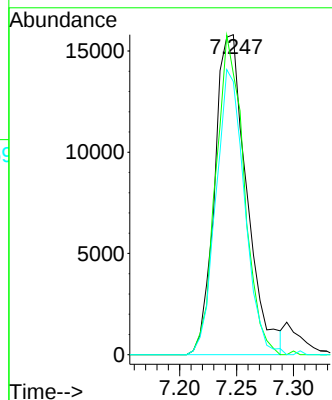
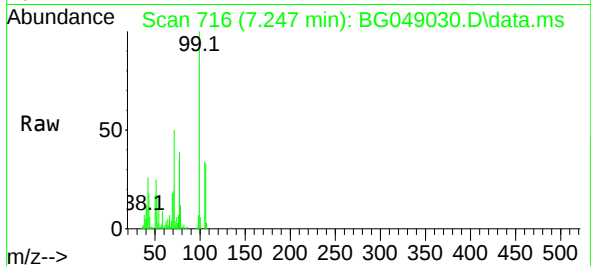




#9  
Benzaldehyde  
Concen: 15.132 ng  
RT: 7.247 min Scan# 716  
Delta R.T. 0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

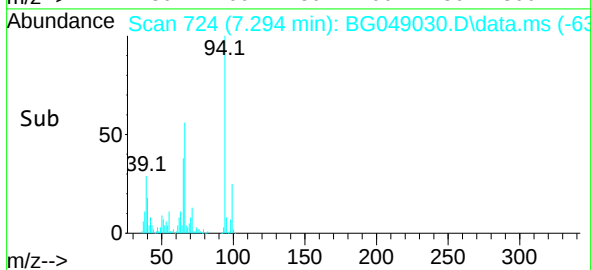
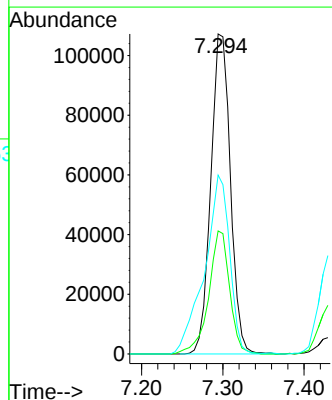
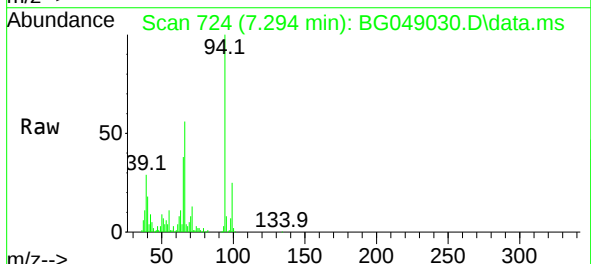
Instrument :  
BNA\_G  
ClientSampleId :  
PB137219BS

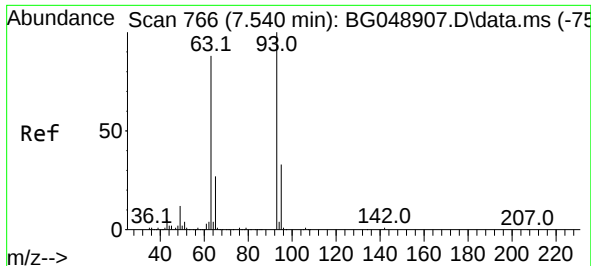
Tgt Ion: 77 Resp: 30871  
Ion Ratio Lower Upper  
77 100  
105 87.8 68.8 108.8  
106 85.4 47.9 87.9



#10  
Phenol  
Concen: 44.051 ng  
RT: 7.294 min Scan# 724  
Delta R.T. 0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

Tgt Ion: 94 Resp: 179419  
Ion Ratio Lower Upper  
94 100  
65 38.4 12.9 52.9  
66 55.9 39.4 79.4

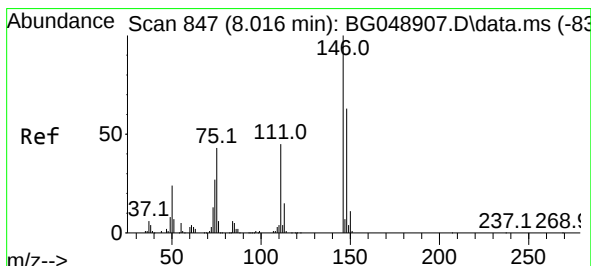
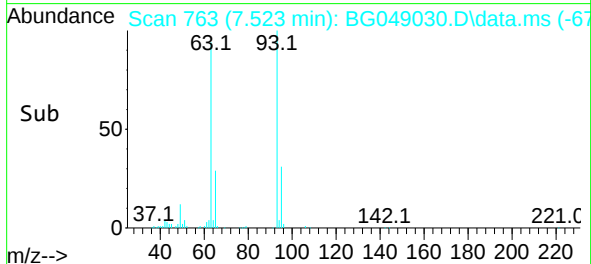
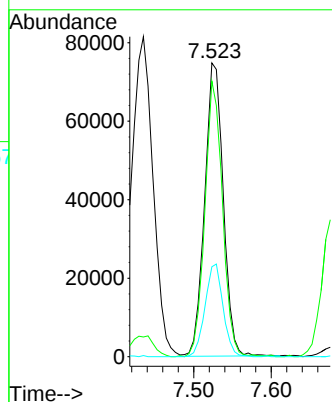
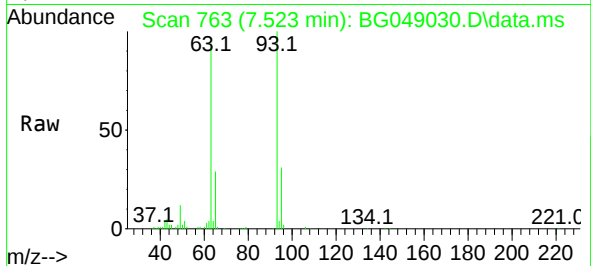




#11  
bis(2-Chloroethyl)ether  
Concen: 41.212 ng  
RT: 7.523 min Scan# 763  
Delta R.T. -0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

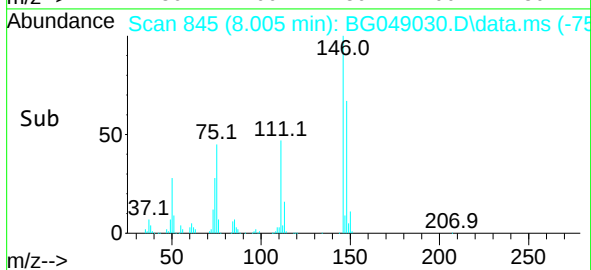
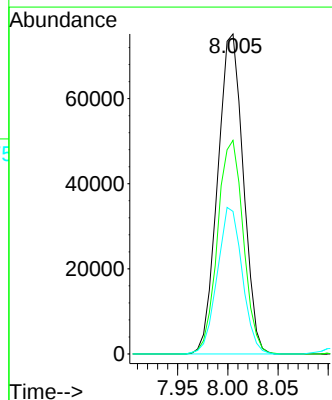
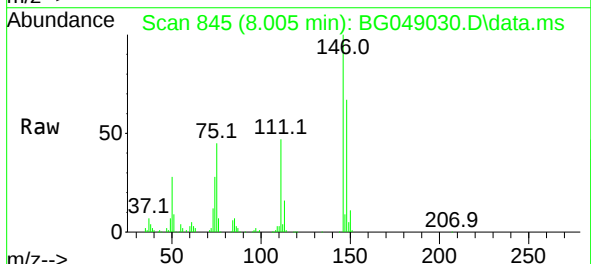
Instrument :  
BNA\_G  
ClientSampleId :  
PB137219BS

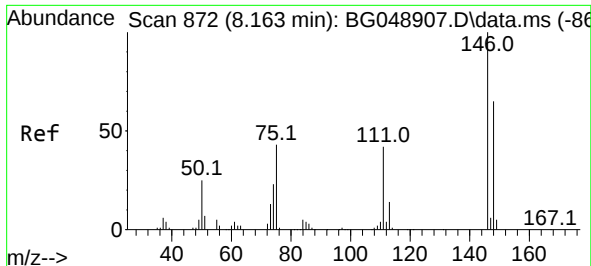
Tgt Ion: 93 Resp: 124545  
Ion Ratio Lower Upper  
93 100  
63 93.8 50.4 90.4#  
95 30.6 15.3 55.3



#12  
1,3-Dichlorobenzene  
Concen: 41.092 ng  
RT: 8.005 min Scan# 845  
Delta R.T. 0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

Tgt Ion:146 Resp: 133091  
Ion Ratio Lower Upper  
146 100  
148 66.8 52.6 78.8  
75 44.5 35.7 53.5





#13

1,4-Dichlorobenzene

Concen: 42.881 ng

RT: 8.146 min Scan# 869

Delta R.T. -0.003 min

Lab File: BG049030.D

Acq: 21 Jun 2021 12:56

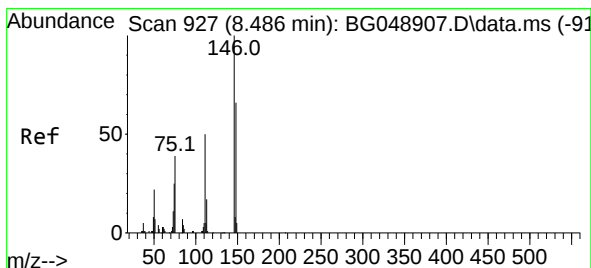
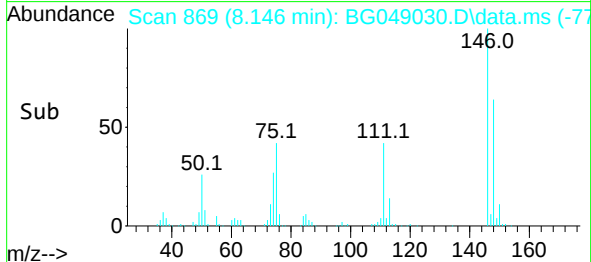
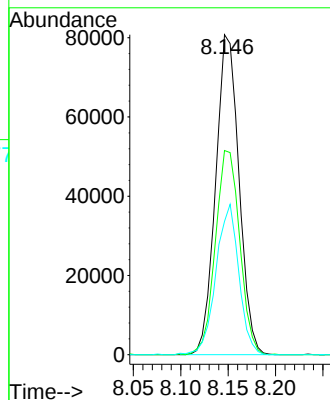
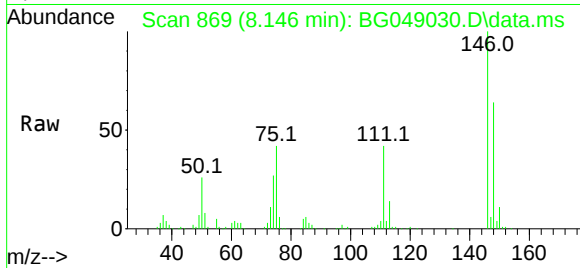
Tgt Ion:146 Resp: 138464

Ion Ratio Lower Upper

146 100

148 63.8 54.0 81.0

111 41.7 34.3 51.5



#14

1,2-Dichlorobenzene

Concen: 42.859 ng

RT: 8.469 min Scan# 924

Delta R.T. -0.003 min

Lab File: BG049030.D

Acq: 21 Jun 2021 12:56

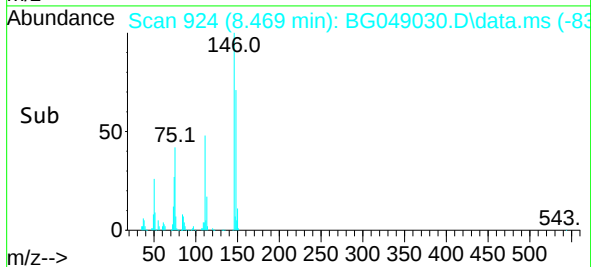
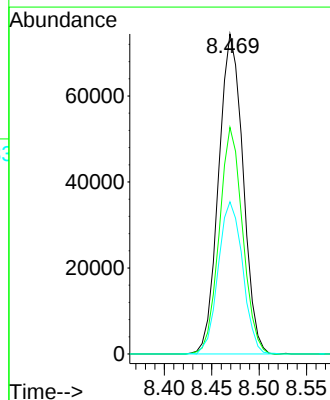
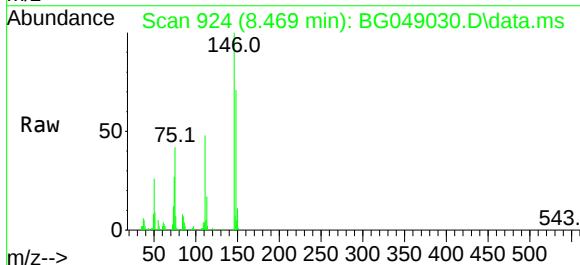
Tgt Ion:146 Resp: 133135

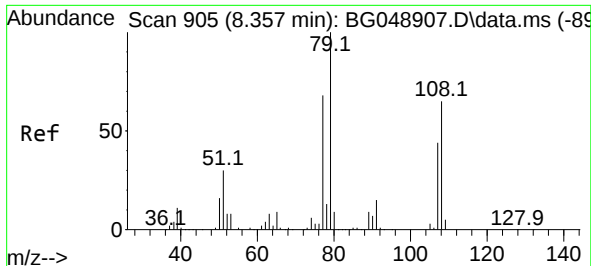
Ion Ratio Lower Upper

146 100

148 70.8 47.5 71.3

111 47.6 39.1 58.7

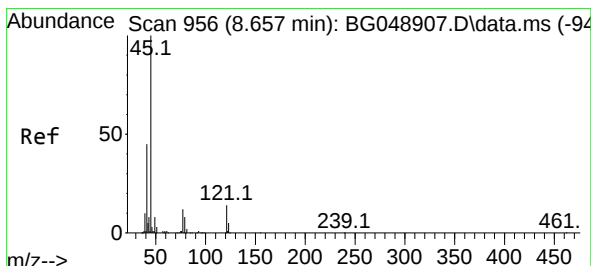
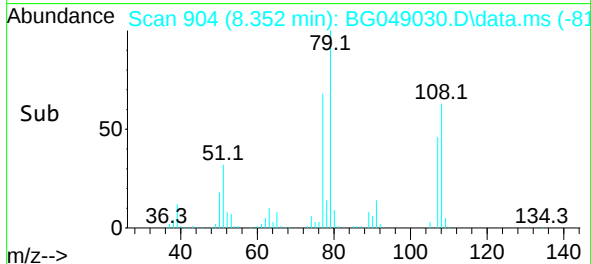
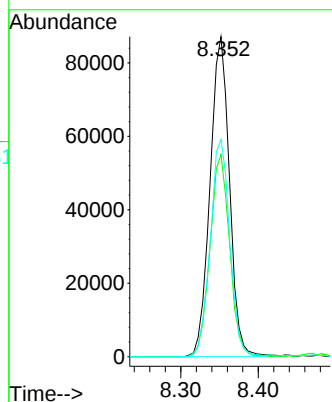
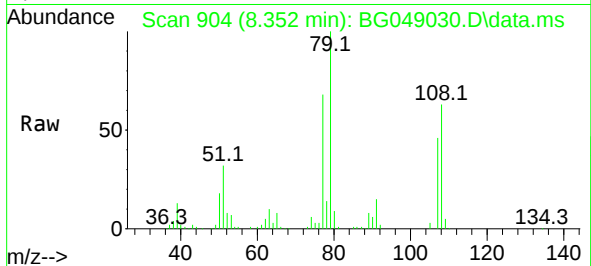




#15  
Benzyl Alcohol  
Concen: 41.989 ng  
RT: 8.352 min Scan# 904  
Delta R.T. 0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

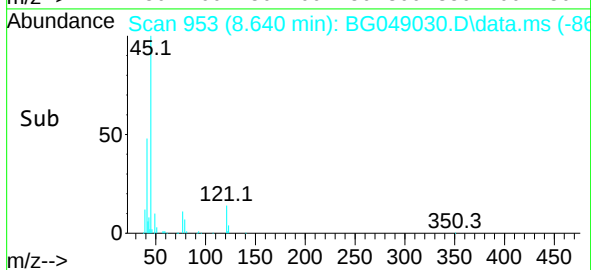
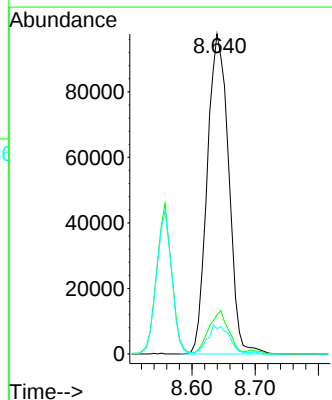
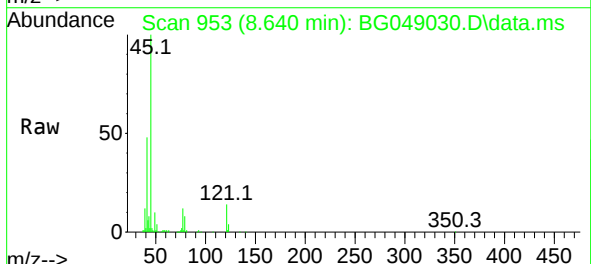
Instrument :  
BNA\_G  
ClientSampleId :  
PB137219BS

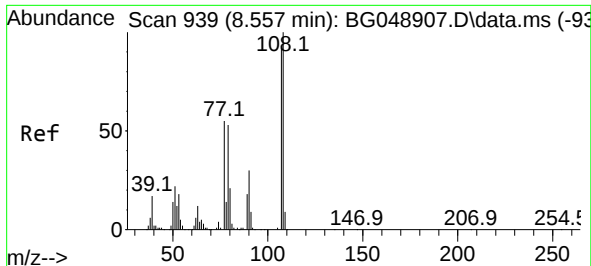
Tgt Ion: 79 Resp: 151613  
Ion Ratio Lower Upper  
79 100  
108 63.2 48.2 72.4  
77 67.9 57.3 85.9



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.101 ng  
RT: 8.640 min Scan# 953  
Delta R.T. -0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

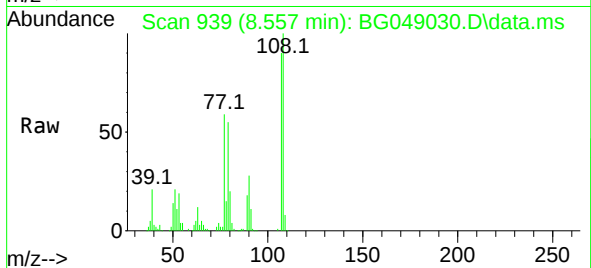
Tgt Ion: 45 Resp: 229301  
Ion Ratio Lower Upper  
45 100  
77 12.2 2.2 42.2  
79 8.0 0.0 34.3



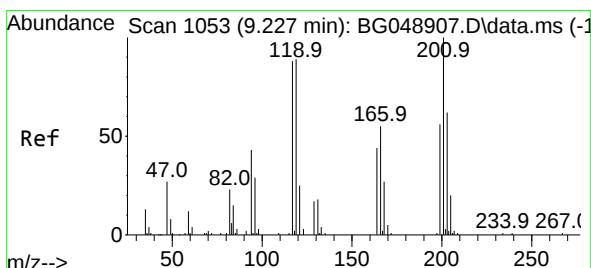
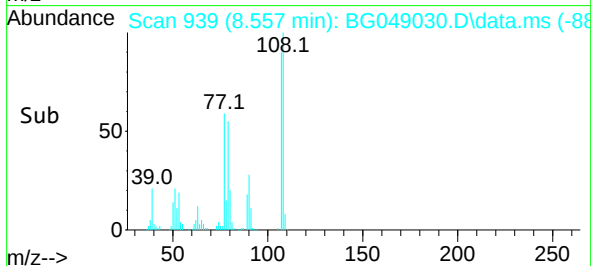
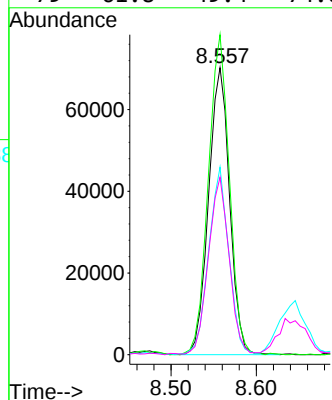


#17  
2-Methylphenol  
Concen: 45.077 ng  
RT: 8.557 min Scan# 939  
Delta R.T. 0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

Instrument :  
BNA\_G  
ClientSampleId :  
PB137219BS

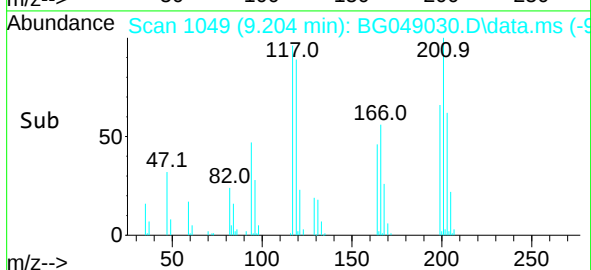
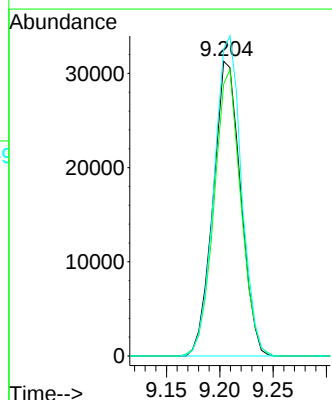
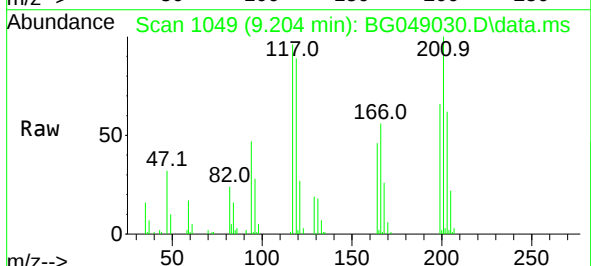


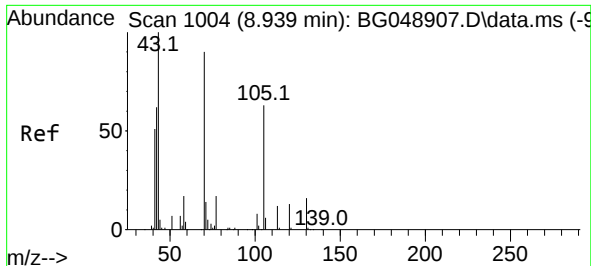
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 111.5 | 84.6  | 127.0 |
| 77      | 65.4  | 50.7  | 76.1  |
| 79      | 61.8  | 49.4  | 74.0  |



#18  
Hexachloroethane  
Concen: 43.275 ng  
RT: 9.204 min Scan# 1049  
Delta R.T. -0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 92.3  | 74.4  | 111.6 |
| 201     | 104.1 | 88.6  | 133.0 |

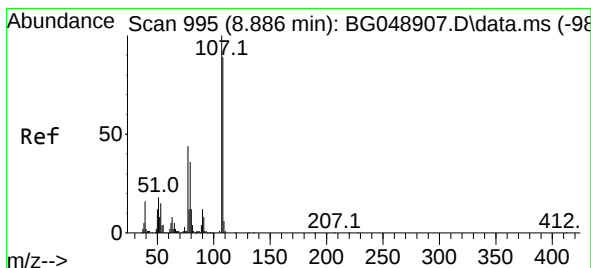
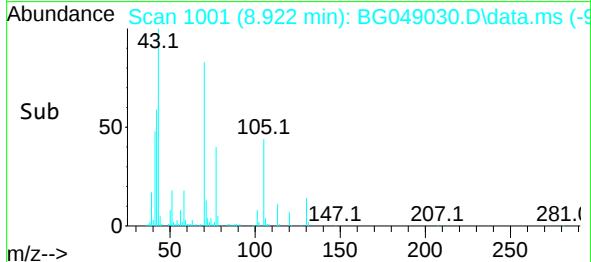
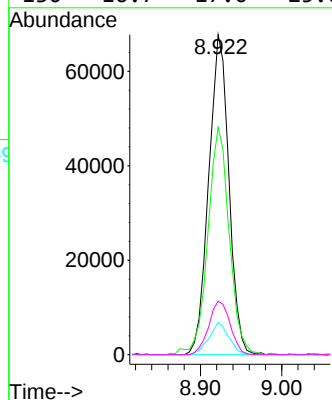
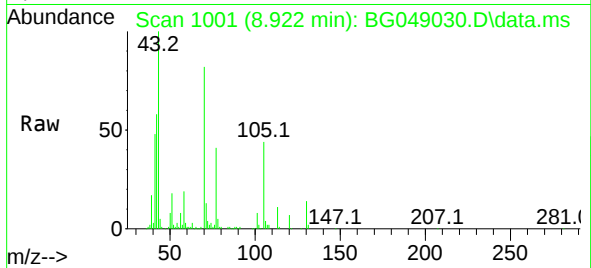




#19  
n-Nitroso-di-n-propylamine  
Concen: 37.864 ng  
RT: 8.922 min Scan# 1001  
Delta R.T. -0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

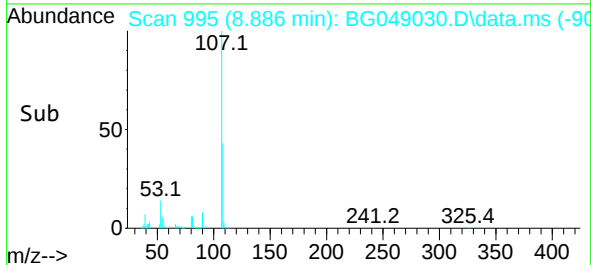
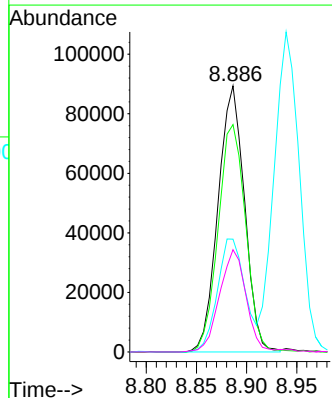
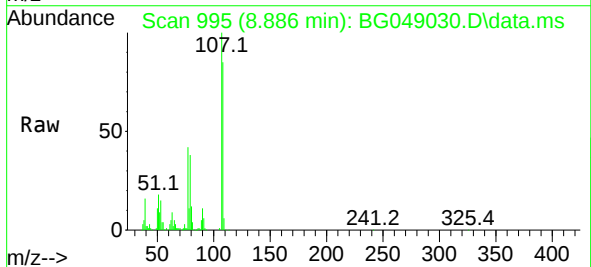
Instrument :  
BNA\_G  
ClientSampleId :  
PB137219BS

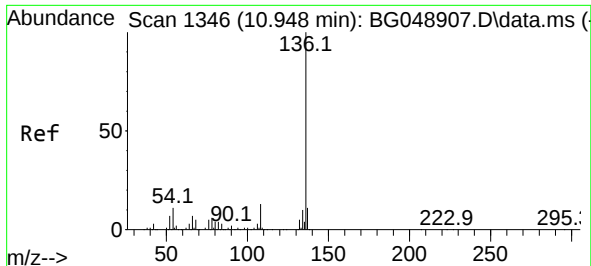
Tgt Ion: 70 Resp: 116688  
Ion Ratio Lower Upper  
70 100  
42 71.1 54.5 81.7  
101 10.1 9.0 13.6  
130 16.7 17.0 25.6#



#20  
3+4-Methylphenols  
Concen: 44.787 ng  
RT: 8.886 min Scan# 995  
Delta R.T. 0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

Tgt Ion: 107 Resp: 163561  
Ion Ratio Lower Upper  
107 100  
108 85.4 69.3 109.3  
77 42.4 25.2 65.2  
79 38.4 15.1 55.1

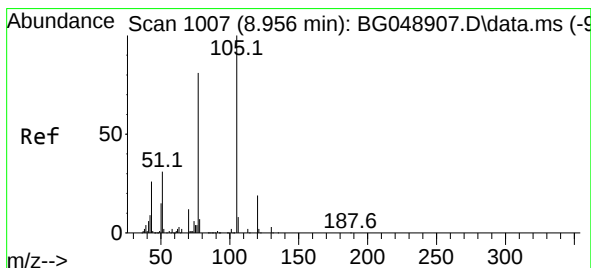
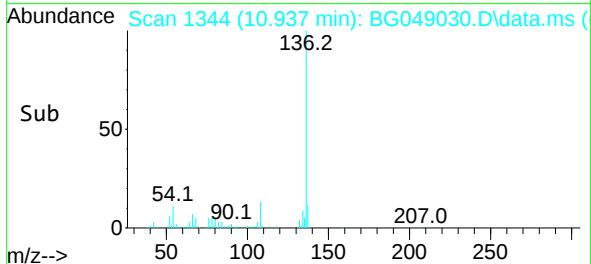
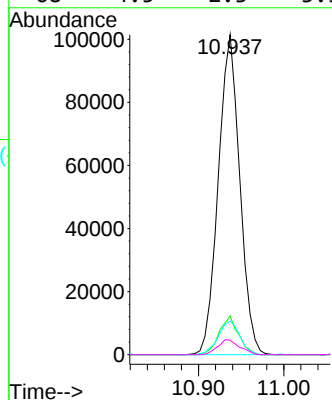
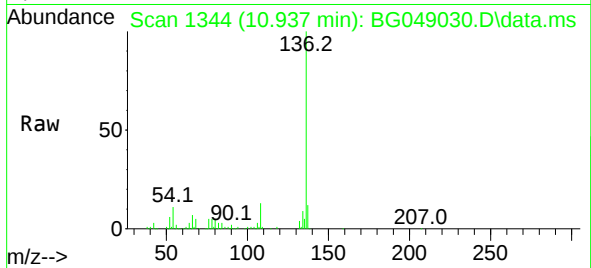




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.937 min Scan# 1344  
Delta R.T. -0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

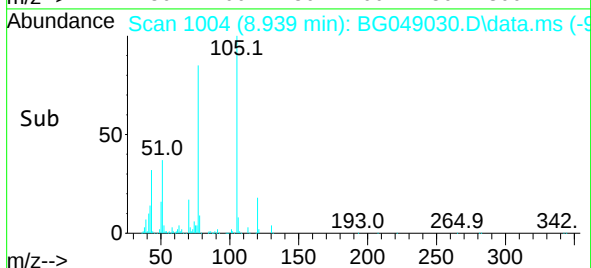
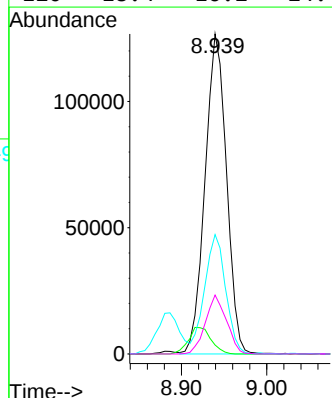
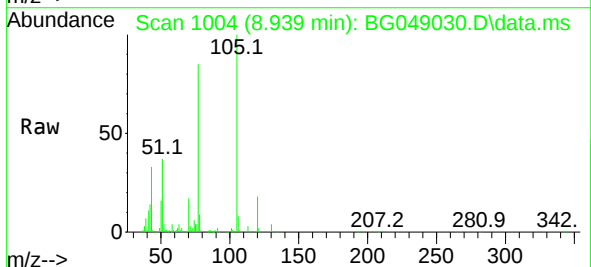
Instrument :  
BNA\_G  
ClientSampleId :  
PB137219BS

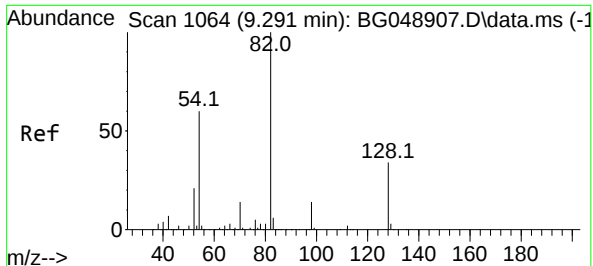
Tgt Ion:136 Resp: 177778  
Ion Ratio Lower Upper  
136 100  
137 12.0 8.2 12.2  
54 10.6 5.5 8.3#  
68 4.5 2.3 3.5#



#22  
Acetophenone  
Concen: 40.970 ng  
RT: 8.939 min Scan# 1004  
Delta R.T. 0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

Tgt Ion:105 Resp: 221595  
Ion Ratio Lower Upper  
105 100  
71 2.8 0.6 0.8#  
51 37.3 26.6 40.0  
120 18.4 16.2 24.4





#23

Nitrobenzene-d5

Concen: 79.504 ng

RT: 9.286 min Scan# 1063

Delta R.T. 0.003 min

Lab File: BG049030.D

Acq: 21 Jun 2021 12:56

Instrument :

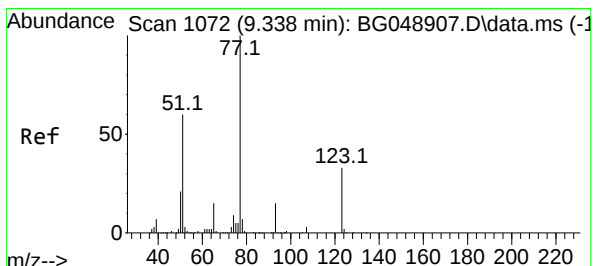
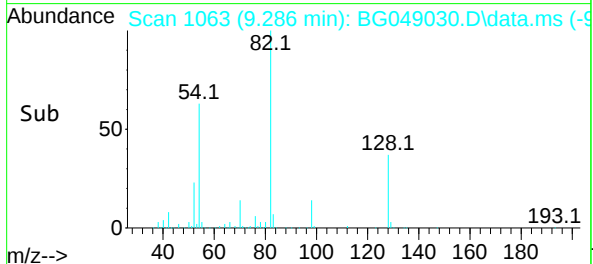
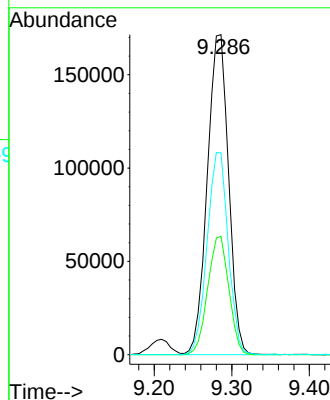
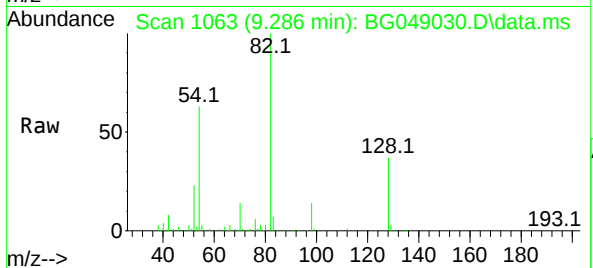
BNA\_G

ClientSampleId :

PB137219BS

Tgt Ion: 82 Resp: 327785

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 37.0  | 29.8  | 44.6  |
| 54  | 63.0  | 45.8  | 68.8  |



#24

Nitrobenzene

Concen: 39.124 ng

RT: 9.327 min Scan# 1070

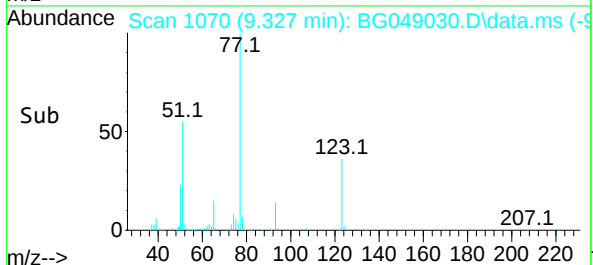
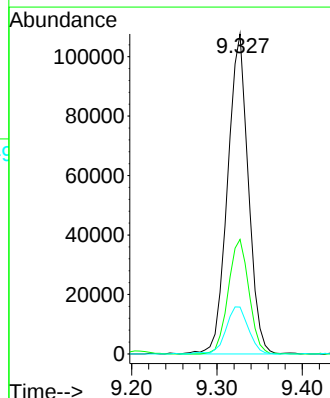
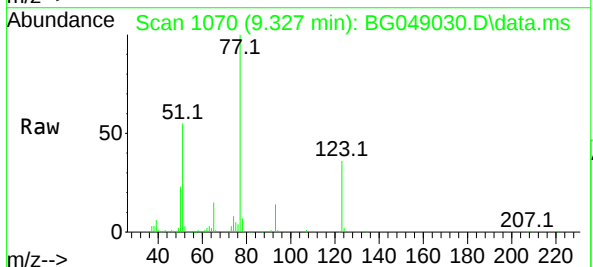
Delta R.T. 0.003 min

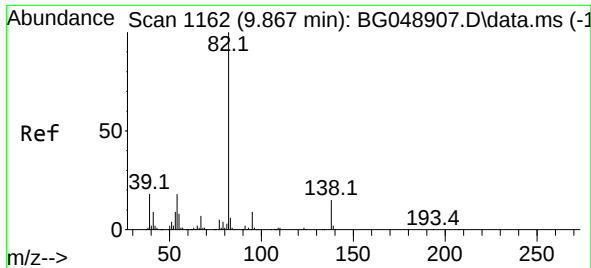
Lab File: BG049030.D

Acq: 21 Jun 2021 12:56

Tgt Ion: 77 Resp: 181700

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 35.8  | 27.5  | 41.3  |
| 65  | 14.6  | 12.6  | 18.8  |

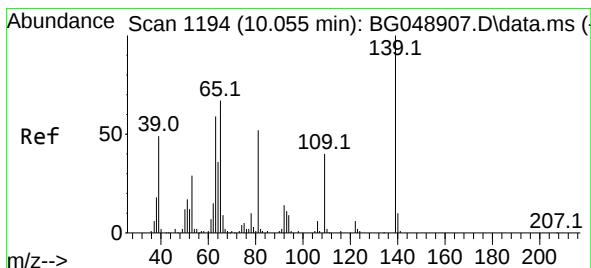
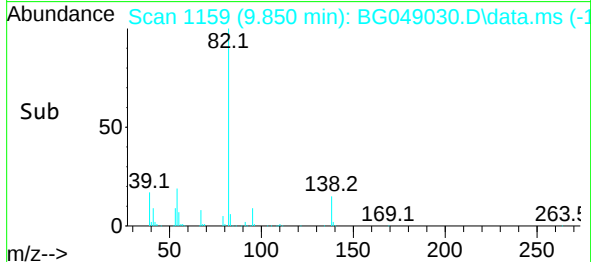
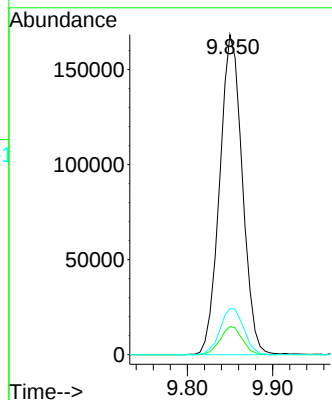
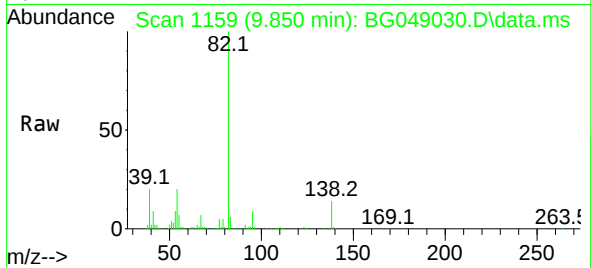




#25  
Isophorone  
Concen: 34.575 ng  
RT: 9.850 min Scan# 1159  
Delta R.T. 0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

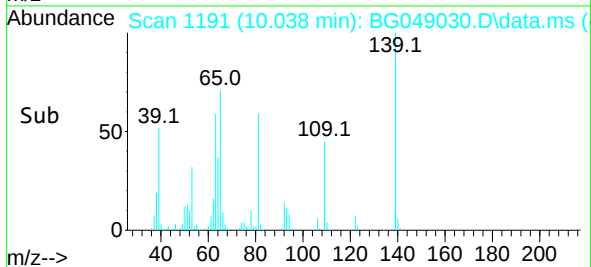
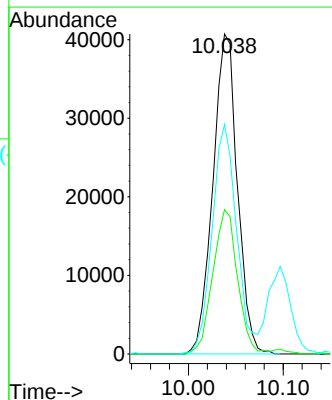
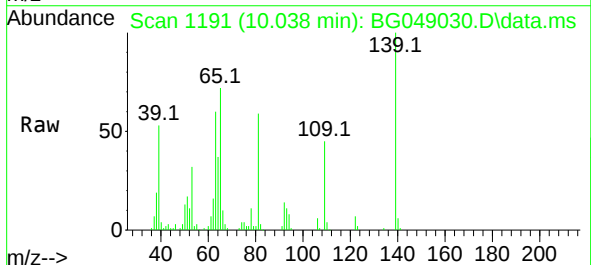
Instrument :  
BNA\_G  
ClientSampleId :  
PB137219BS

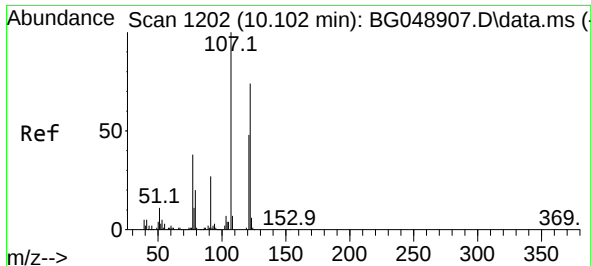
Tgt Ion: 82 Resp: 310558  
Ion Ratio Lower Upper  
82 100  
95 8.8 8.5 12.7  
138 14.4 11.8 17.6



#26  
2-Nitrophenol  
Concen: 46.494 ng  
RT: 10.038 min Scan# 1191  
Delta R.T. -0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

Tgt Ion: 139 Resp: 73244  
Ion Ratio Lower Upper  
139 100  
109 45.1 37.8 56.6  
65 71.7 51.8 77.8

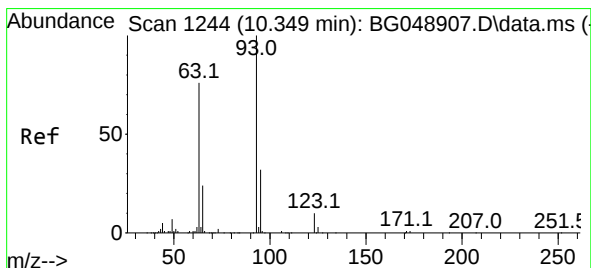
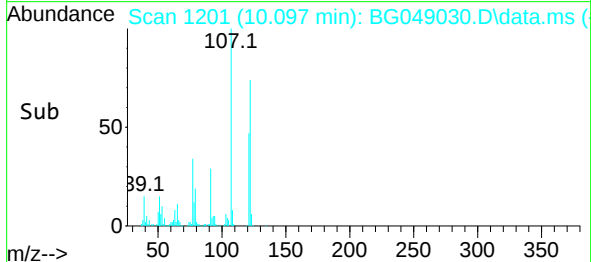
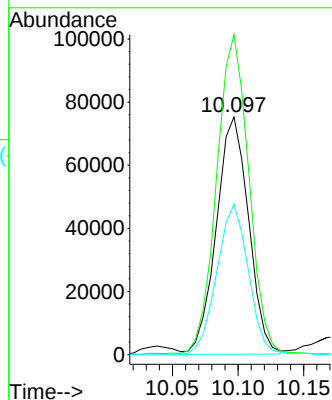
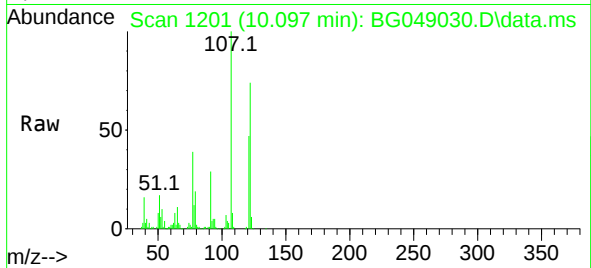




#27  
2,4-Dimethylphenol  
Concen: 44.950 ng  
RT: 10.097 min Scan# 1201  
Delta R.T. 0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

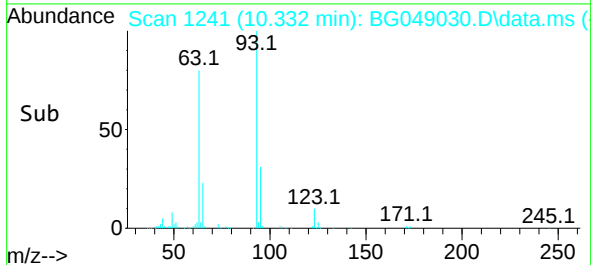
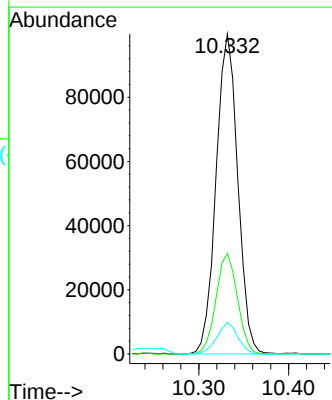
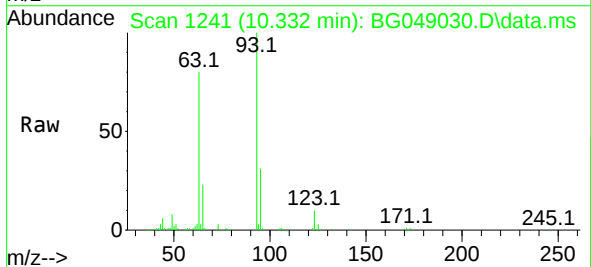
Instrument :  
BNA\_G  
ClientSampleId :  
PB137219BS

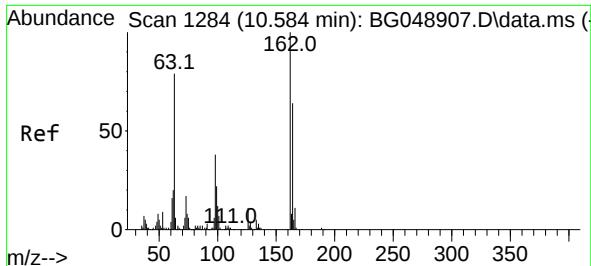
Tgt Ion:122 Resp: 128388  
Ion Ratio Lower Upper  
122 100  
107 134.6 110.1 165.1  
121 63.3 49.0 73.6



#28  
bis(2-Chloroethoxy)methane  
Concen: 40.174 ng  
RT: 10.332 min Scan# 1241  
Delta R.T. -0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

Tgt Ion: 93 Resp: 167090  
Ion Ratio Lower Upper  
93 100  
95 31.3 22.2 33.4  
123 9.8 8.8 13.2

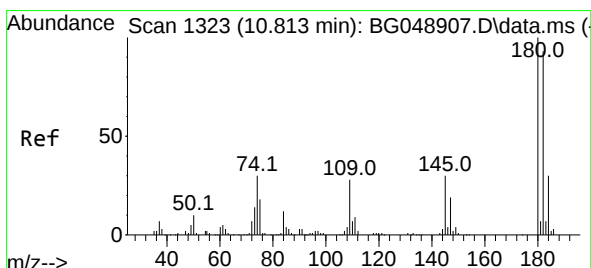
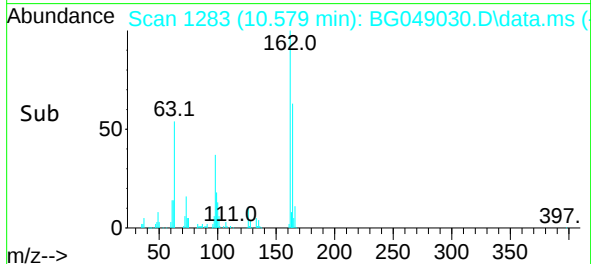
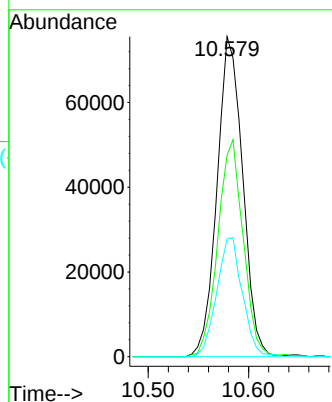
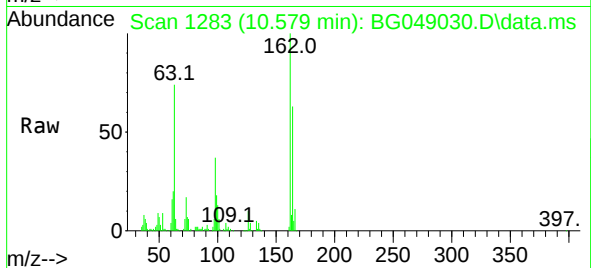




#29  
2,4-Dichlorophenol  
Concen: 41.801 ng  
RT: 10.579 min Scan# 1283  
Delta R.T. -0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

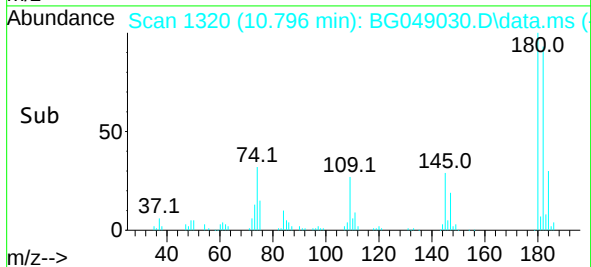
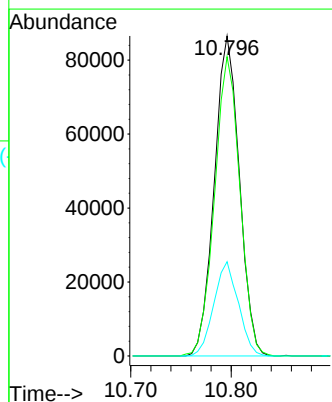
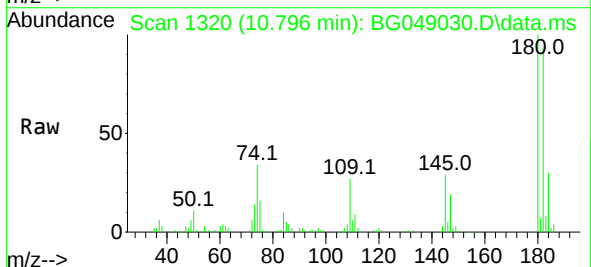
Instrument :  
BNA\_G  
ClientSampled :  
PB137219BS

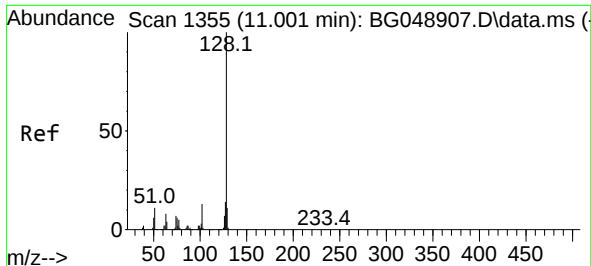
Tgt Ion:162 Resp: 133946  
Ion Ratio Lower Upper  
162 100  
164 63.0 39.4 79.4  
98 36.8 18.7 58.7



#30  
1,2,4-Trichlorobenzene  
Concen: 40.726 ng  
RT: 10.796 min Scan# 1320  
Delta R.T. -0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

Tgt Ion:180 Resp: 149621  
Ion Ratio Lower Upper  
180 100  
182 93.5 78.9 118.3  
145 29.5 26.2 39.4

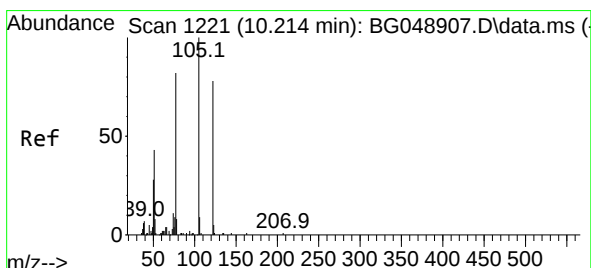
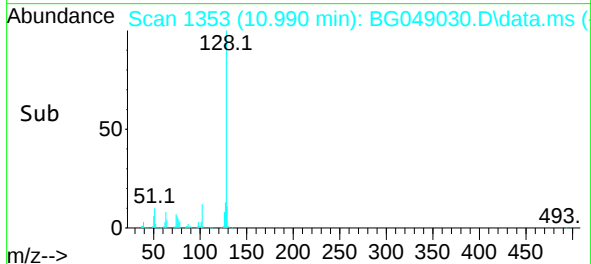
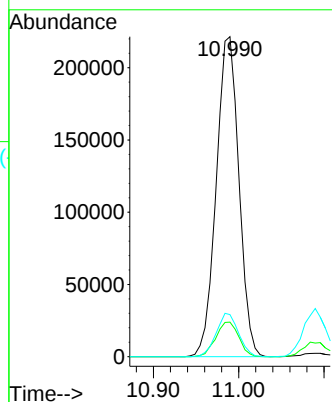
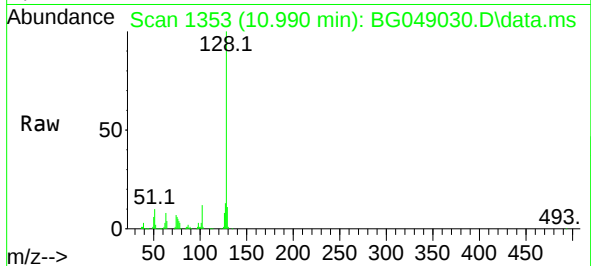




#31  
Naphthalene  
Concen: 38.647 ng  
RT: 10.990 min Scan# 1353  
Delta R.T. 0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

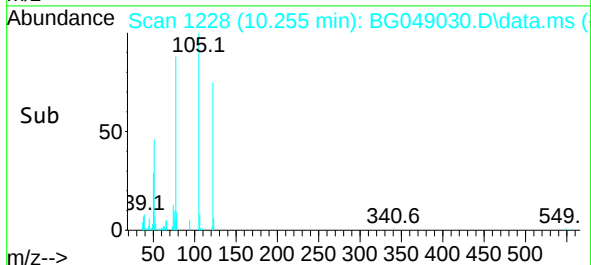
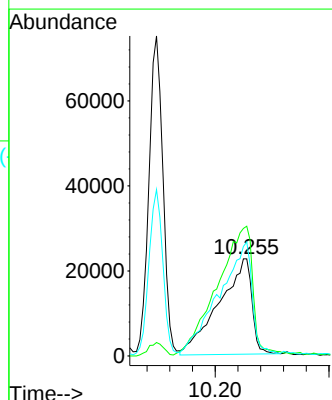
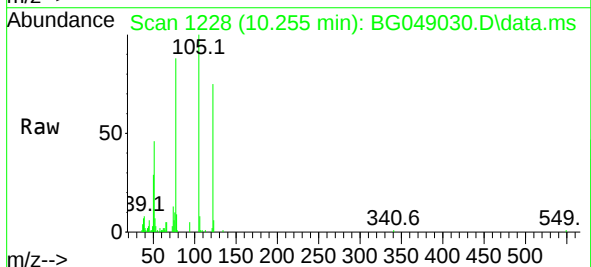
Instrument :  
BNA\_G  
ClientSampleId :  
PB137219BS

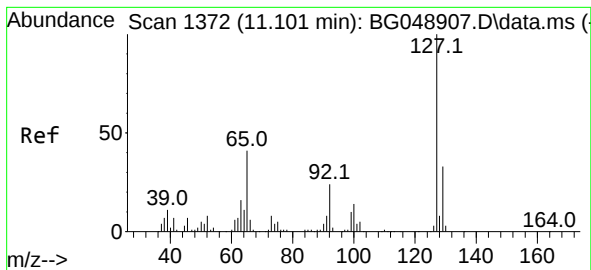
Tgt Ion:128 Resp: 409311  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.5 12.7  
127 13.1 10.2 15.4



#32  
Benzoic acid  
Concen: 48.130 ng  
RT: 10.255 min Scan# 1228  
Delta R.T. 0.021 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

Tgt Ion:122 Resp: 89792  
Ion Ratio Lower Upper  
122 100  
105 133.6 92.3 132.3#  
77 117.4 66.5 106.5#

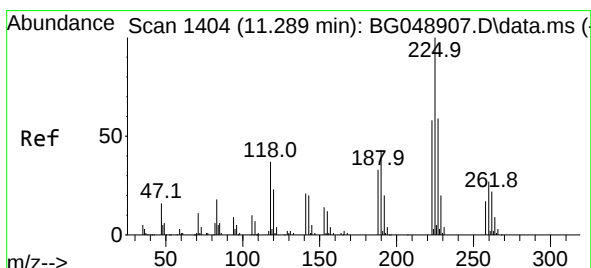
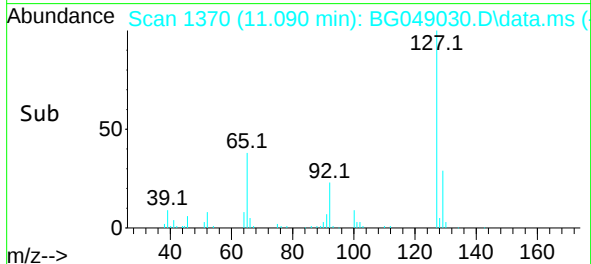
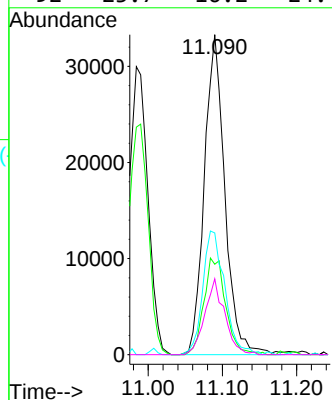
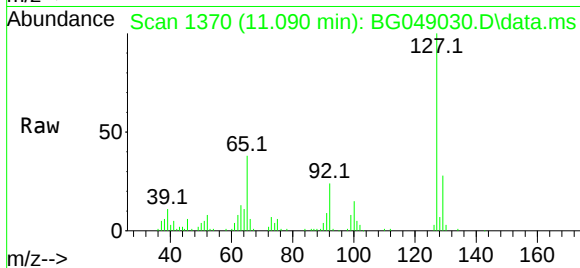




#33  
4-Chloroaniline  
Concen: 14.272 ng  
RT: 11.090 min Scan# 1370  
Delta R.T. -0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

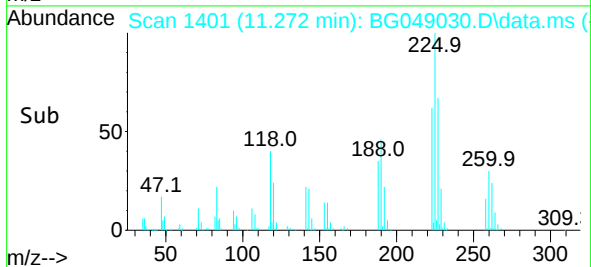
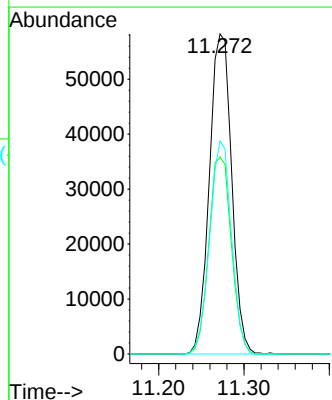
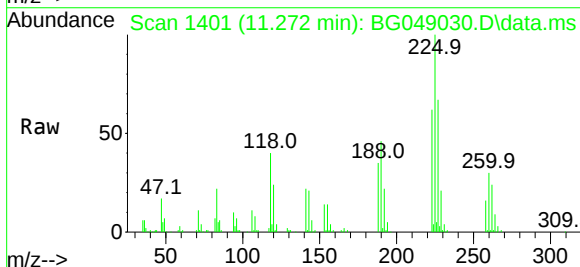
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BNA\_G  
ClientSampleId :  
PB137219BS

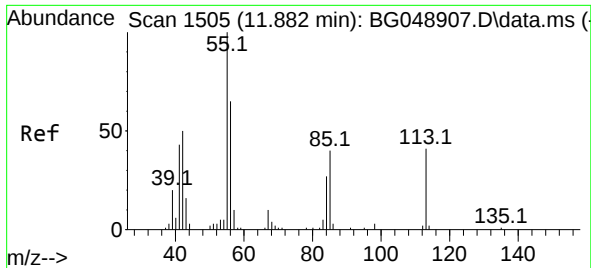
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 64178 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 28.3  | 26.7  | 40.1  |
| 65        | 38.1  | 32.8  | 49.2  |
| 92        | 23.7  | 16.2  | 24.4  |



#34  
Hexachlorobutadiene  
Concen: 40.346 ng  
RT: 11.272 min Scan# 1401  
Delta R.T. -0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 105643 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 61.5  | 49.8  | 74.8   |
| 227       | 66.6  | 46.4  | 69.6   |

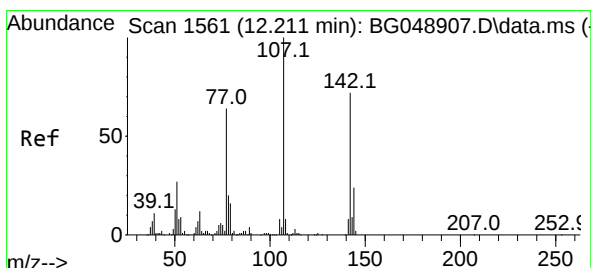
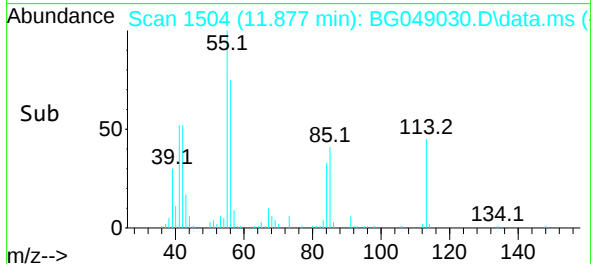
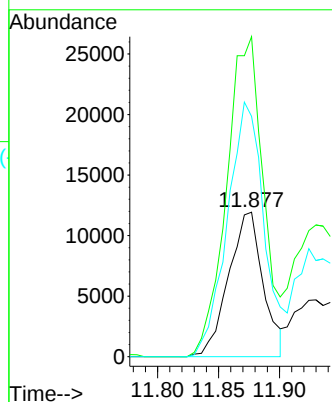
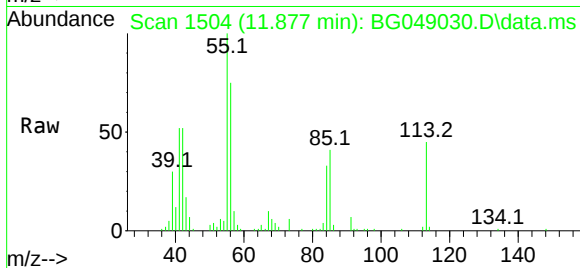




#35  
 Caprolactam  
 Concen: 25.434 ng  
 RT: 11.877 min Scan# 1504  
 Delta R.T. 0.015 min  
 Lab File: BG049030.D  
 Acq: 21 Jun 2021 12:56

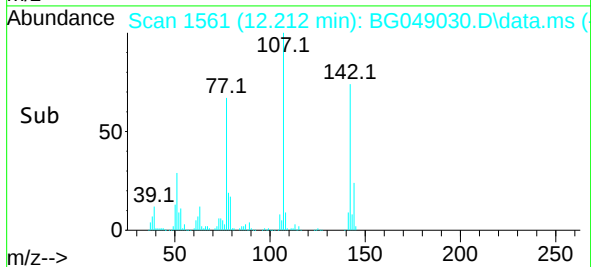
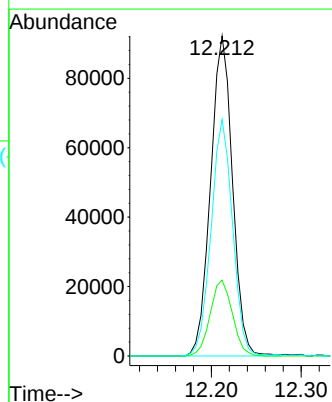
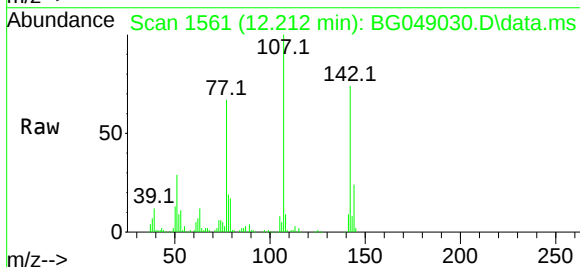
Instrument :  
 BNA\_G  
 ClientSampleId :  
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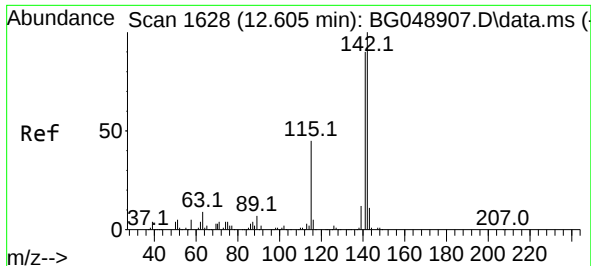
Tgt Ion:113 Resp: 23559  
 Ion Ratio Lower Upper  
 113 100  
 55 221.4 113.8 153.8#  
 56 166.3 105.6 145.6#



#36  
 4-Chloro-3-methylphenol  
 Concen: 39.885 ng  
 RT: 12.212 min Scan# 1561  
 Delta R.T. 0.003 min  
 Lab File: BG049030.D  
 Acq: 21 Jun 2021 12:56

Tgt Ion:107 Resp: 156216  
 Ion Ratio Lower Upper  
 107 100  
 144 23.7 24.8 37.2#  
 142 73.9 62.2 93.4

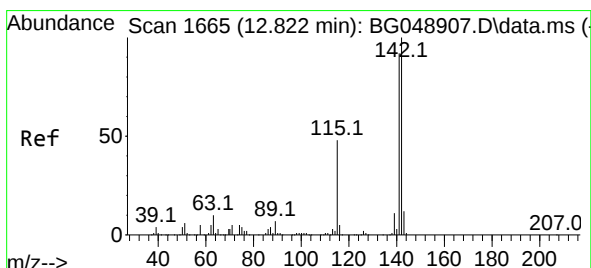
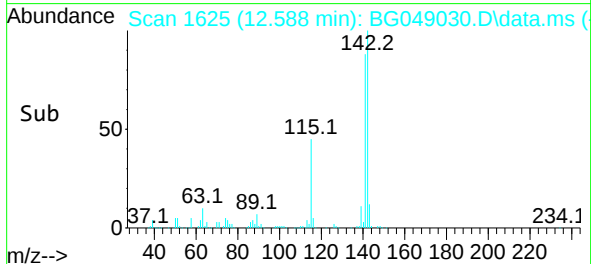
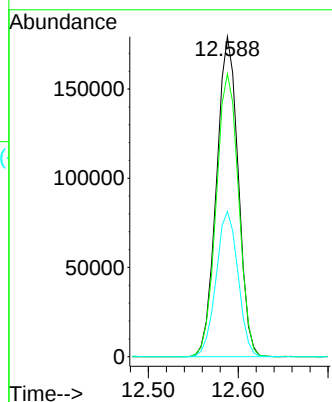
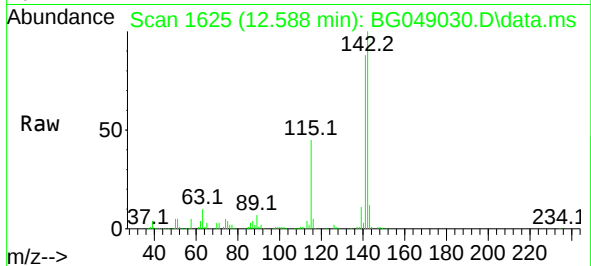




#37  
2-Methylnaphthalene  
Concen: 37.621 ng  
RT: 12.588 min Scan# 1625  
Delta R.T. -0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

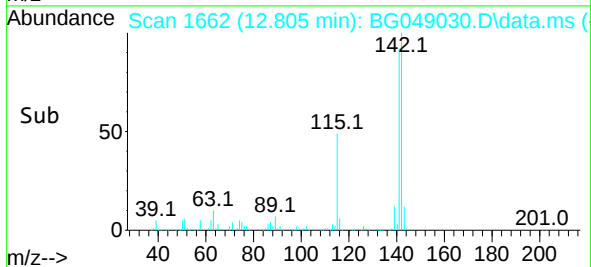
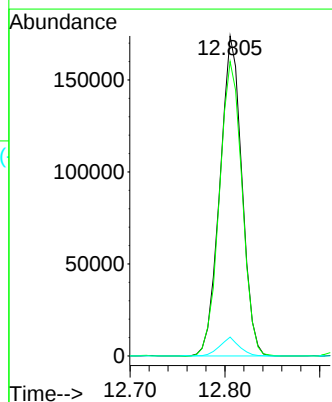
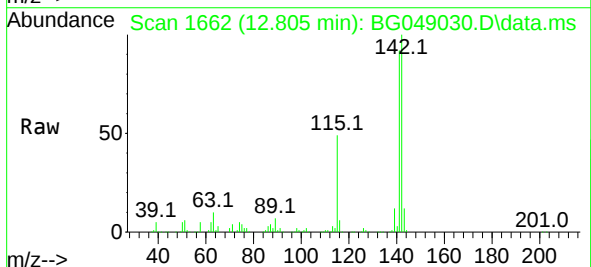
Instrument :  
BNA\_G  
ClientSampleId :  
PB137219BS

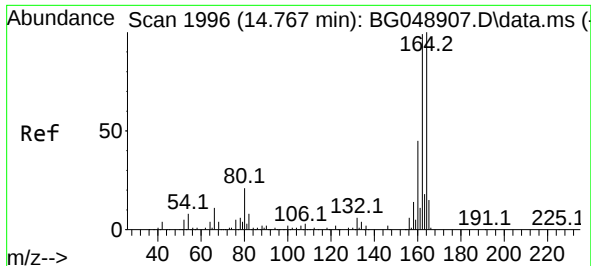
Tgt Ion:142 Resp: 300954  
Ion Ratio Lower Upper  
142 100  
141 88.4 68.8 103.2  
115 45.4 36.4 54.6



#38  
1-Methylnaphthalene  
Concen: 37.300 ng  
RT: 12.805 min Scan# 1662  
Delta R.T. -0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

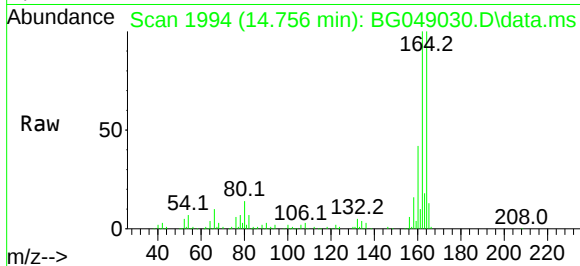
Tgt Ion:142 Resp: 280141  
Ion Ratio Lower Upper  
142 100  
141 92.0 70.6 106.0  
116 5.9 4.0 6.0



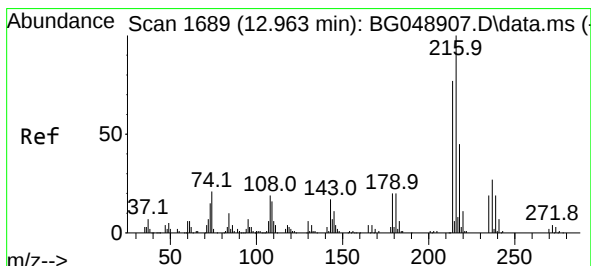
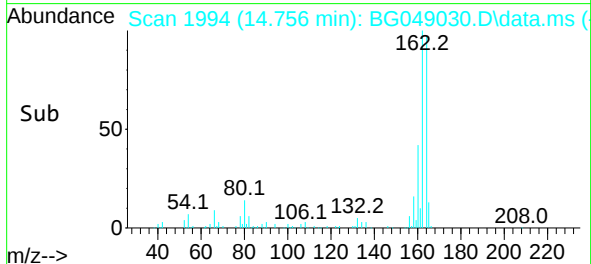
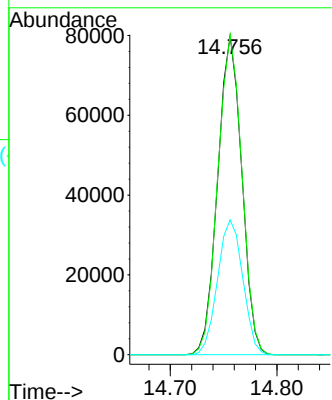


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.756 min Scan# 1994  
Delta R.T. -0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

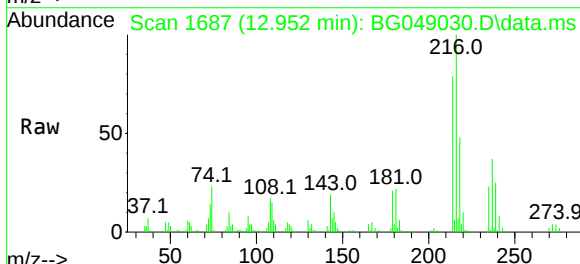
Instrument :  
BNA\_G  
ClientSampleId :  
PB137219BS



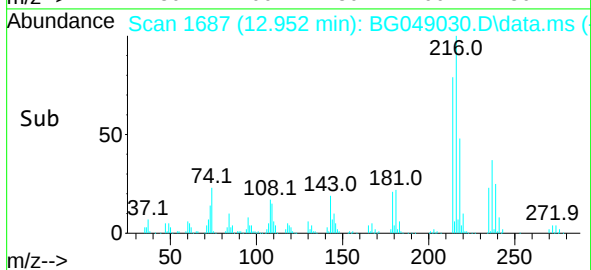
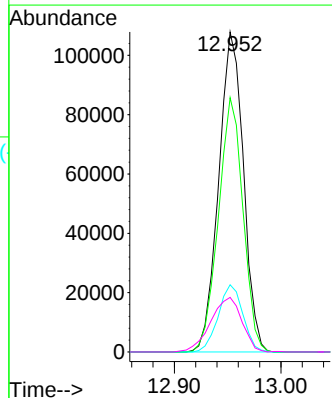
Tgt Ion:164 Resp: 125099  
Ion Ratio Lower Upper  
164 100  
162 100.4 81.4 122.0  
160 42.3 34.9 52.3

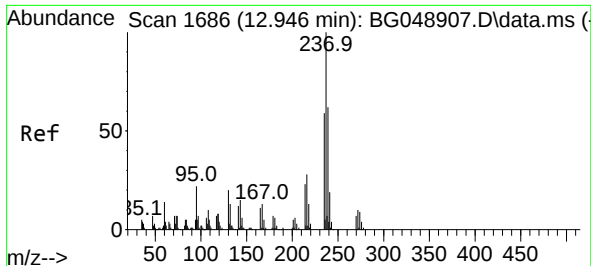


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 43.678 ng  
RT: 12.952 min Scan# 1687  
Delta R.T. -0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56



Tgt Ion:216 Resp: 173504  
Ion Ratio Lower Upper  
216 100  
214 79.1 61.4 92.2  
179 20.9 17.3 25.9  
108 21.6 16.3 24.5

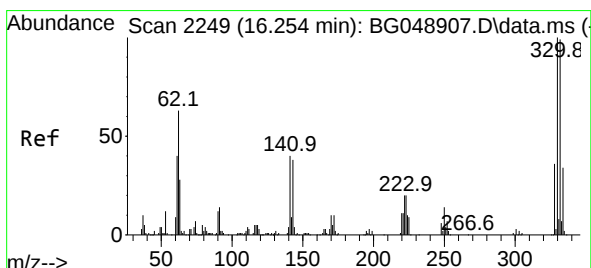
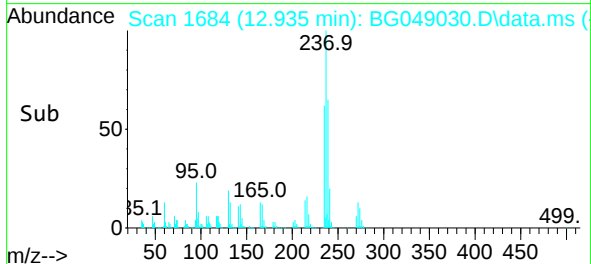
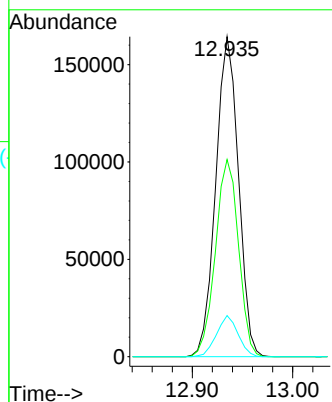
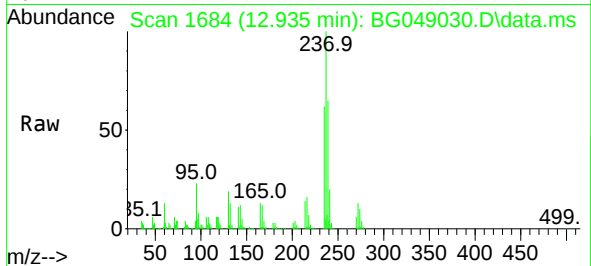




#41  
Hexachlorocyclopentadiene  
Concen: 101.067 ng  
RT: 12.935 min Scan# 1684  
Delta R.T. -0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

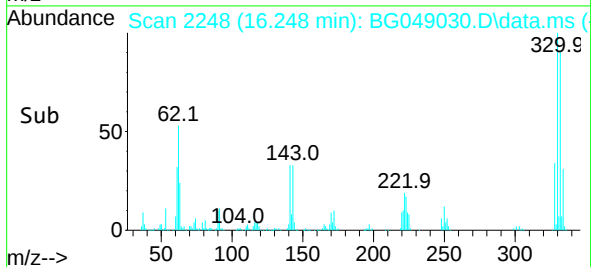
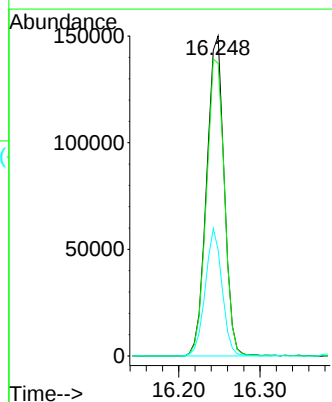
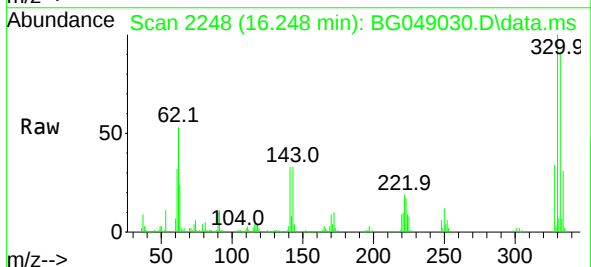
Instrument :  
BNA\_G  
ClientSampleId :  
PB137219BS

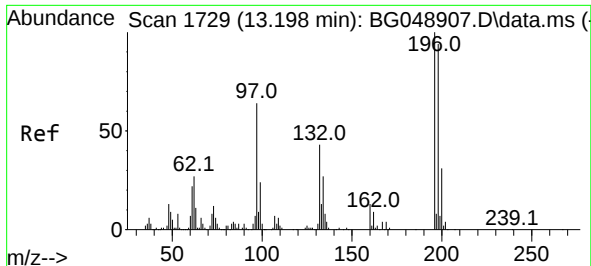
Tgt Ion:237 Resp: 258090  
Ion Ratio Lower Upper  
237 100  
235 61.6 36.6 76.6  
272 12.9 0.0 32.5



#42  
2,4,6-Tribromophenol  
Concen: 121.266 ng  
RT: 16.248 min Scan# 2248  
Delta R.T. 0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

Tgt Ion:330 Resp: 224756  
Ion Ratio Lower Upper  
330 100  
332 95.4 77.3 115.9  
141 38.0 35.6 53.4

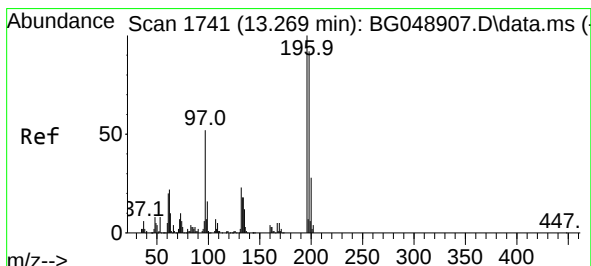
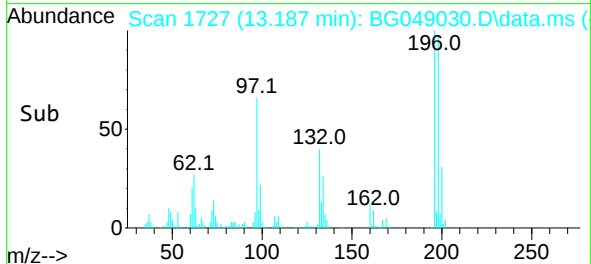
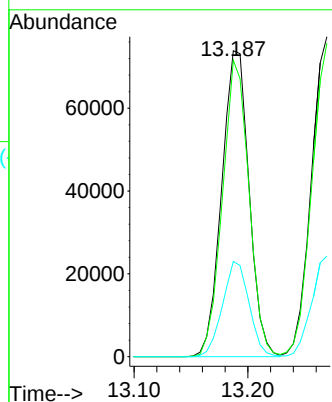
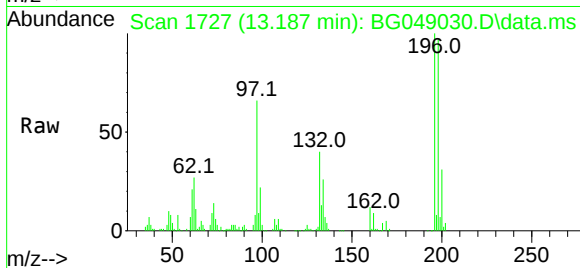




#43  
2,4,6-Trichlorophenol  
Concen: 46.455 ng  
RT: 13.187 min Scan# 1727  
Delta R.T. -0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

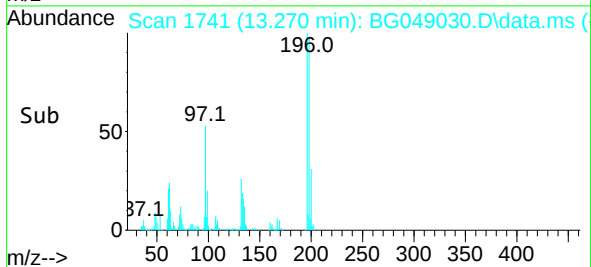
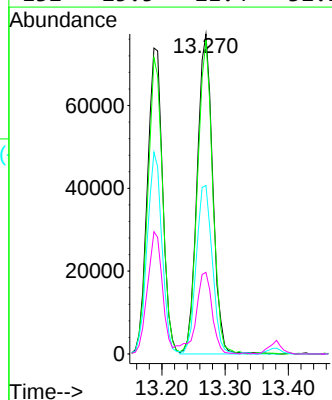
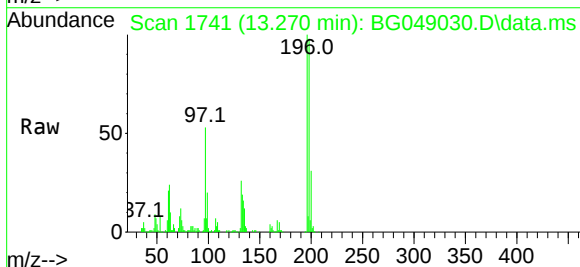
Instrument :  
BNA\_G  
ClientSampleId :  
PB137219BS

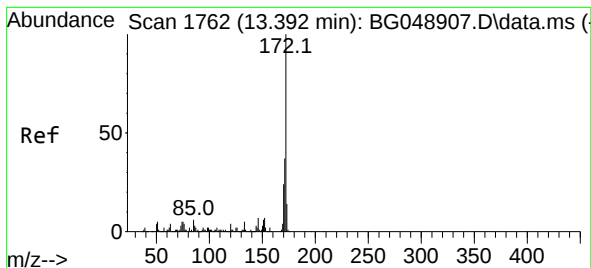
Tgt Ion:196 Resp: 123473  
Ion Ratio Lower Upper  
196 100  
198 96.8 82.1 123.1  
200 31.1 23.8 35.8



#44  
2,4,5-Trichlorophenol  
Concen: 48.034 ng  
RT: 13.270 min Scan# 1741  
Delta R.T. -0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

Tgt Ion:196 Resp: 132014  
Ion Ratio Lower Upper  
196 100  
198 98.0 87.4 131.0  
97 52.6 43.3 64.9  
132 25.5 21.4 32.2

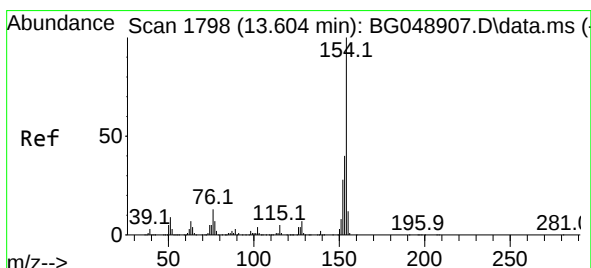
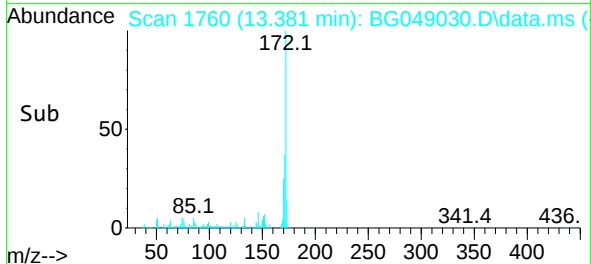
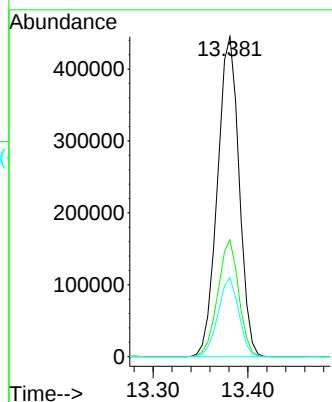
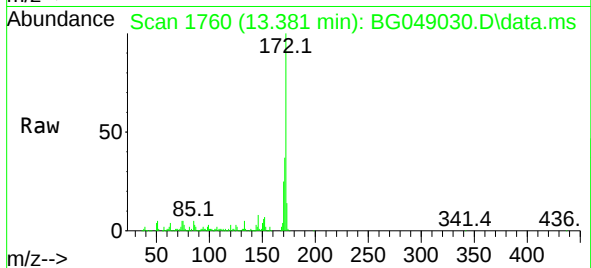




#45  
2-Fluorobiphenyl  
Concen: 79.558 ng  
RT: 13.381 min Scan# 1760  
Delta R.T. -0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

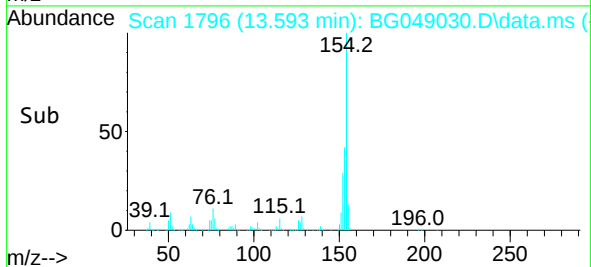
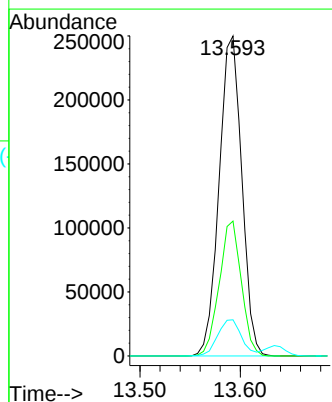
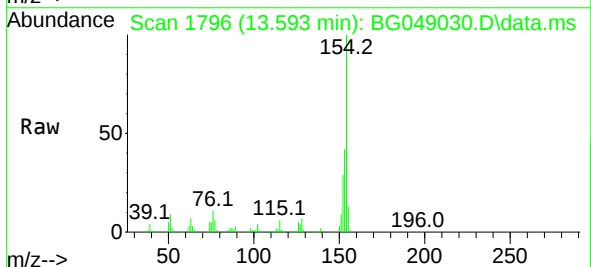
Instrument :  
BNA\_G  
ClientSampleId :  
PB137219BS

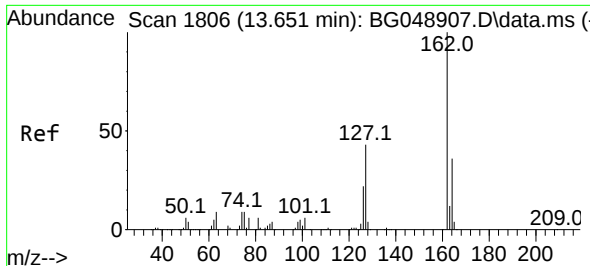
Tgt Ion:172 Resp: 704529  
Ion Ratio Lower Upper  
172 100  
171 36.6 28.6 43.0  
170 24.6 18.6 27.8



#46  
1,1'-Biphenyl  
Concen: 42.420 ng  
RT: 13.593 min Scan# 1796  
Delta R.T. 0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

Tgt Ion:154 Resp: 391241  
Ion Ratio Lower Upper  
154 100  
153 42.2 20.5 60.5  
76 11.3 0.0 29.3

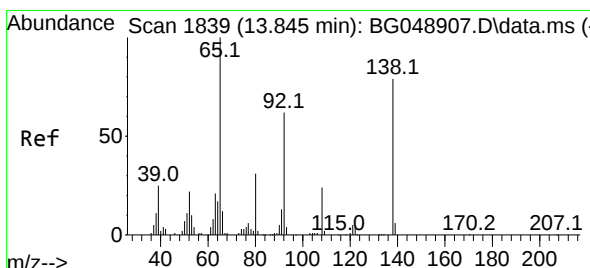
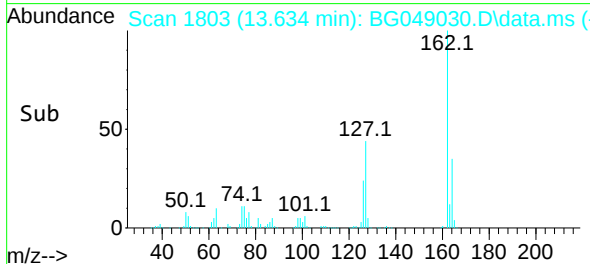
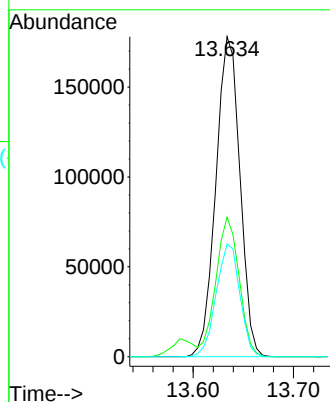
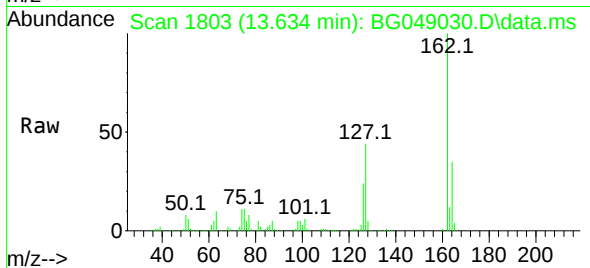




#47  
2-Chloronaphthalene  
Concen: 40.228 ng  
RT: 13.634 min Scan# 1803  
Delta R.T. -0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

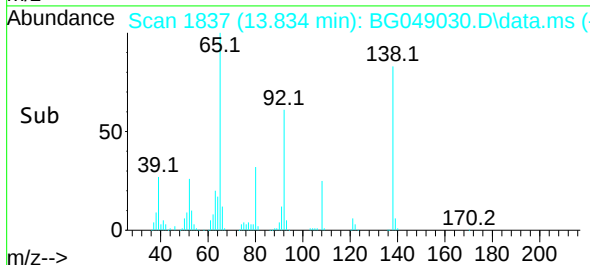
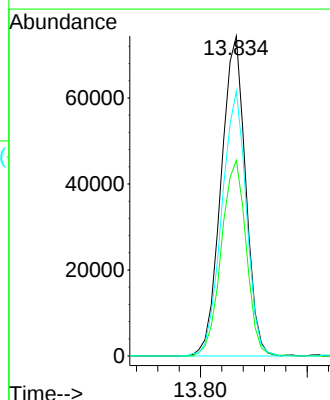
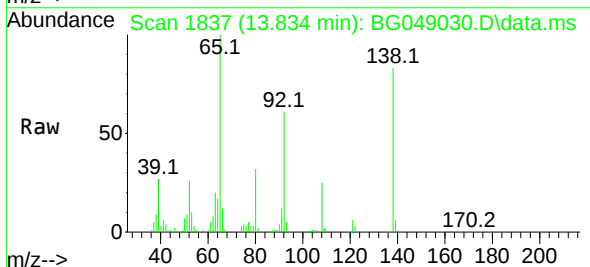
Instrument :  
BNA\_G  
ClientSampleId :  
PB137219BS

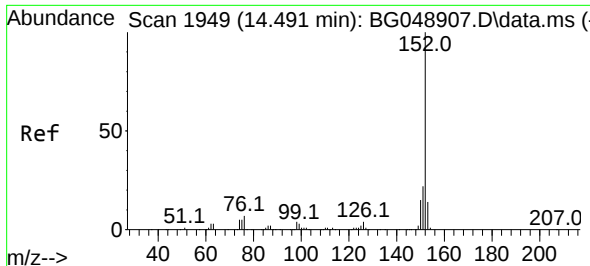
Tgt Ion:162 Resp: 296282  
Ion Ratio Lower Upper  
162 100  
127 43.6 32.7 49.1  
164 35.2 27.0 40.4



#48  
2-Nitroaniline  
Concen: 44.656 ng  
RT: 13.834 min Scan# 1837  
Delta R.T. 0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

Tgt Ion: 65 Resp: 118322  
Ion Ratio Lower Upper  
65 100  
92 61.2 47.2 70.8  
138 82.8 68.0 102.0

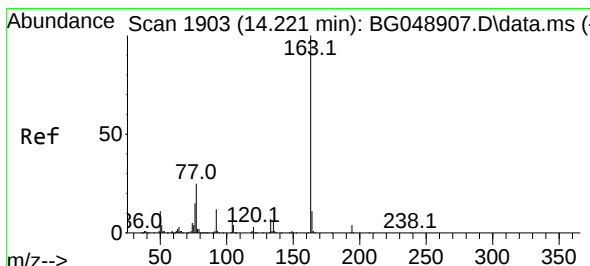
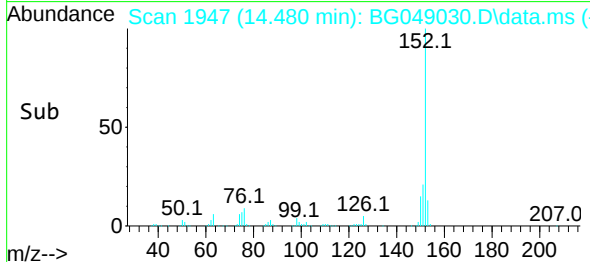
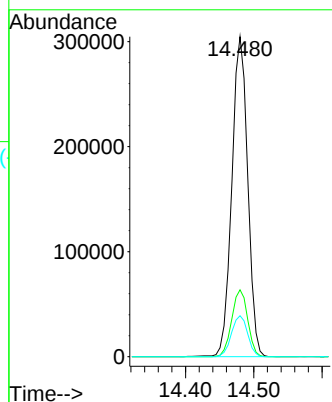
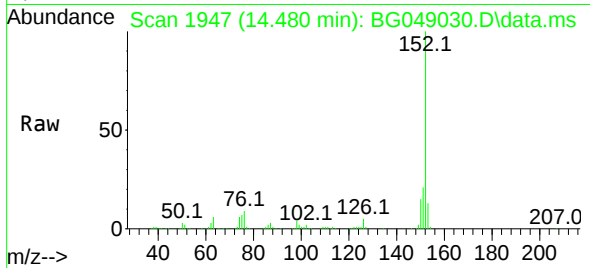




#49  
Acenaphthylene  
Concen: 40.232 ng  
RT: 14.480 min Scan# 1947  
Delta R.T. -0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

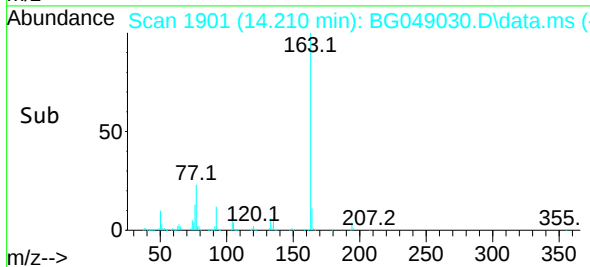
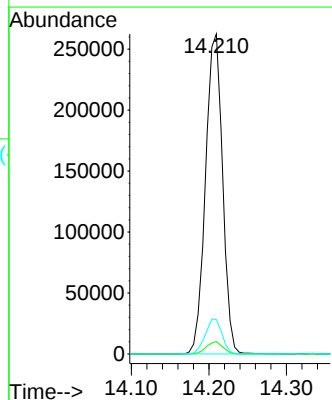
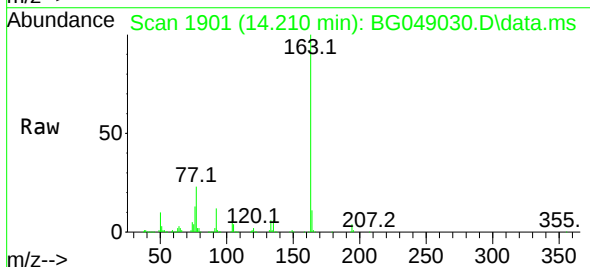
Instrument :  
BNA\_G  
ClientSampleId :  
PB137219BS

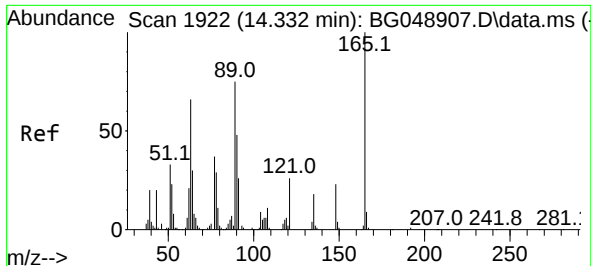
Tgt Ion:152 Resp: 493776  
Ion Ratio Lower Upper  
152 100  
151 20.9 18.2 27.4  
153 12.8 11.7 17.5



#50  
Dimethylphthalate  
Concen: 41.026 ng  
RT: 14.210 min Scan# 1901  
Delta R.T. 0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

Tgt Ion:163 Resp: 399778  
Ion Ratio Lower Upper  
163 100  
194 3.9 3.0 4.6  
164 10.7 8.6 12.8

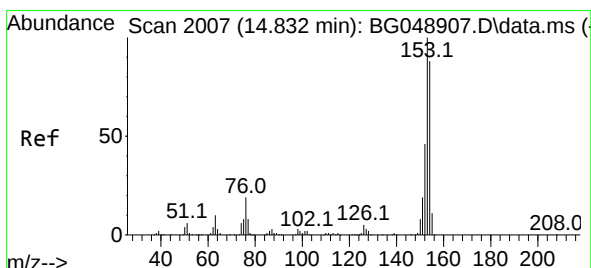
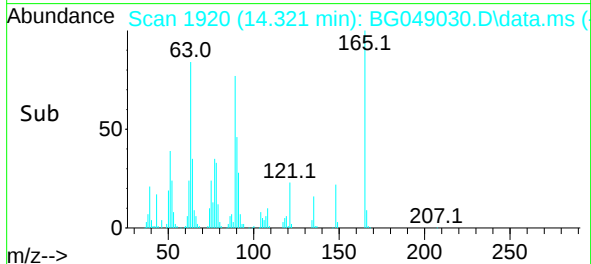
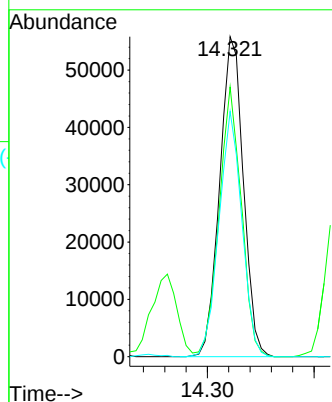
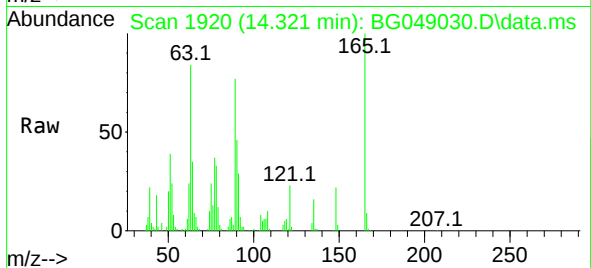




#51  
2,6-Dinitrotoluene  
Concen: 43.275 ng  
RT: 14.321 min Scan# 1920  
Delta R.T. -0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

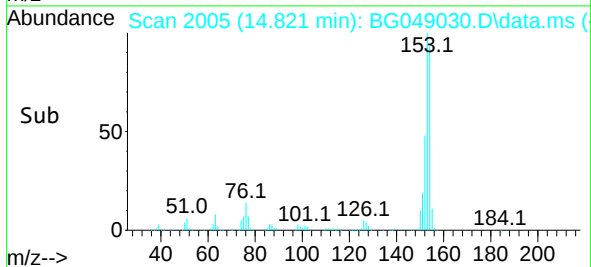
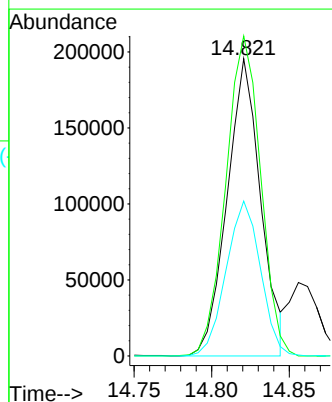
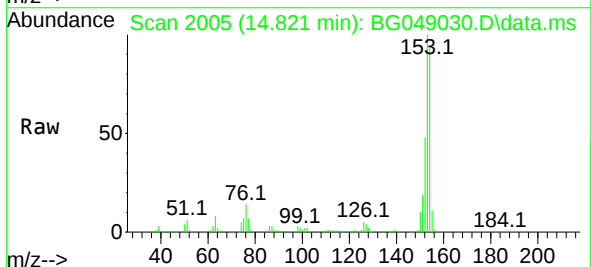
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BNA\_G  
ClientSampleId :  
PB137219BS

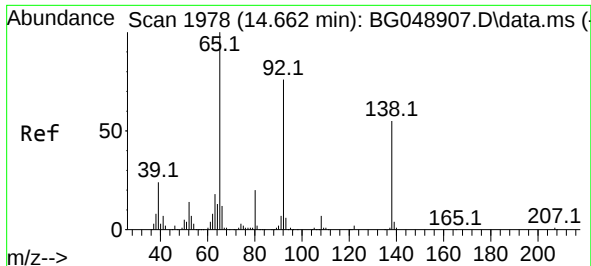
Tgt Ion:165 Resp: 85879  
Ion Ratio Lower Upper  
165 100  
63 84.3 63.3 94.9  
89 76.6 63.4 95.0



#52  
Acenaphthene  
Concen: 37.202 ng  
RT: 14.821 min Scan# 2005  
Delta R.T. -0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

Tgt Ion:154 Resp: 294290  
Ion Ratio Lower Upper  
154 100  
153 107.6 87.0 130.4  
152 52.1 40.1 60.1

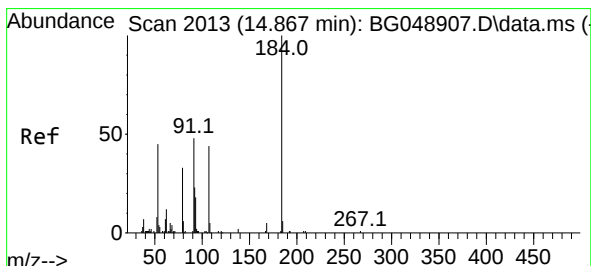
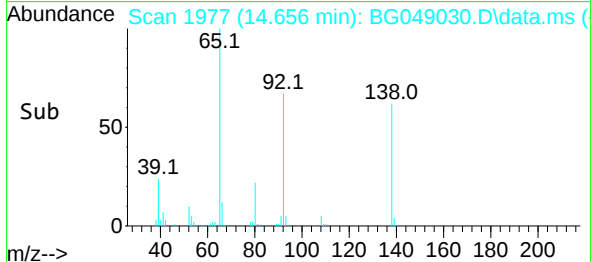
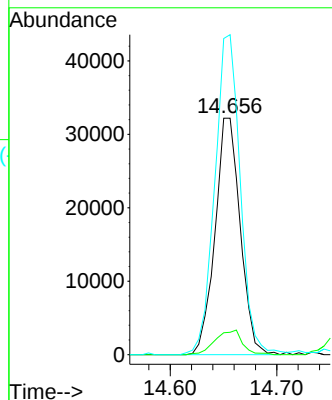
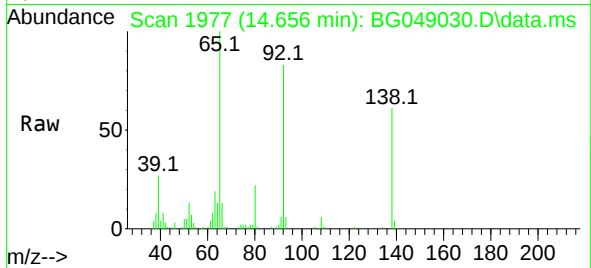




#53  
3-Nitroaniline  
Concen: 26.220 ng  
RT: 14.656 min Scan# 1977  
Delta R.T. 0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

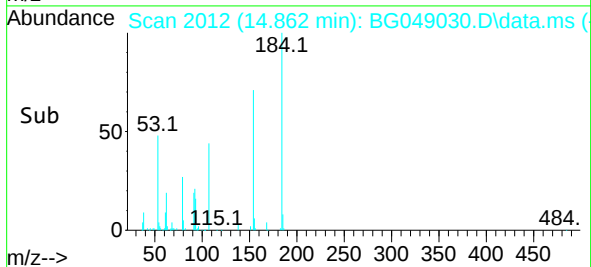
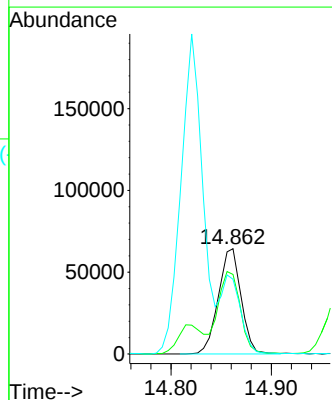
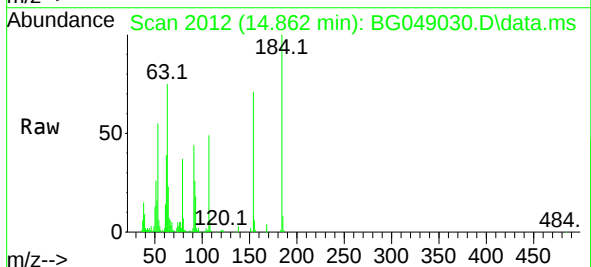
Instrument :  
BNA\_G  
ClientSampleId :  
PB137219BS

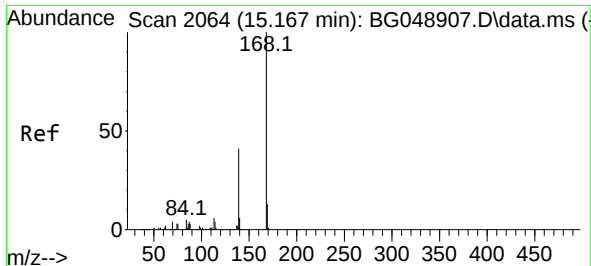
Tgt Ion:138 Resp: 52680  
Ion Ratio Lower Upper  
138 100  
108 9.5 8.3 12.5  
92 135.3 96.4 144.6



#54  
2,4-Dinitrophenol  
Concen: 109.904 ng  
RT: 14.862 min Scan# 2012  
Delta R.T. 0.009 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

Tgt Ion:184 Resp: 101027  
Ion Ratio Lower Upper  
184 100  
63 75.5 68.3 102.5  
154 71.0 62.6 93.8

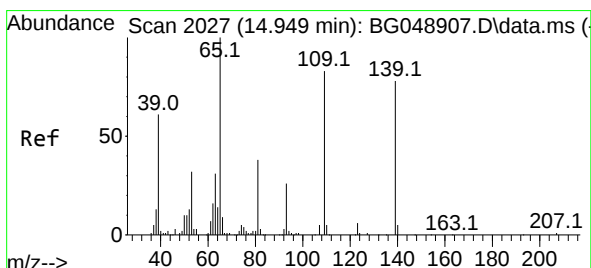
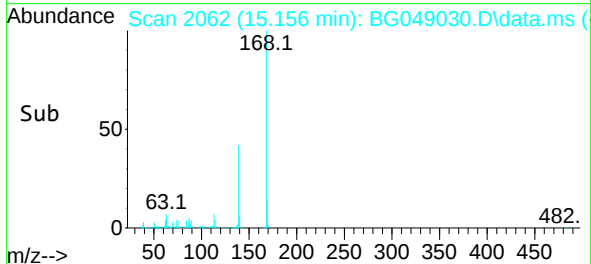
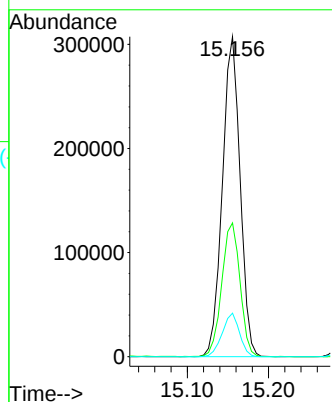
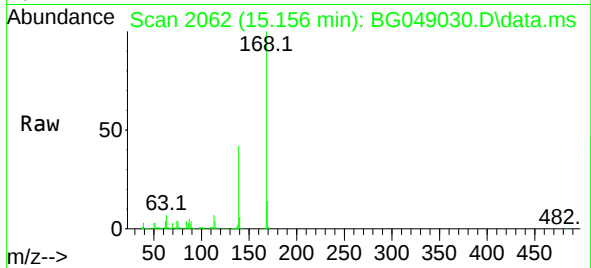




#55  
Dibenzofuran  
Concen: 37.882 ng  
RT: 15.156 min Scan# 2062  
Delta R.T. 0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

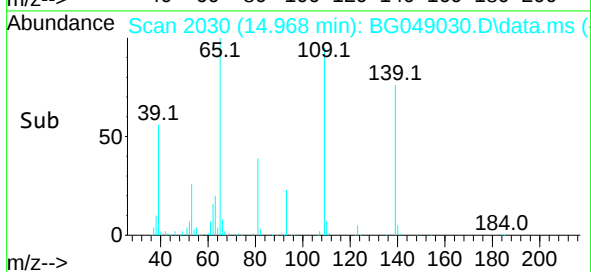
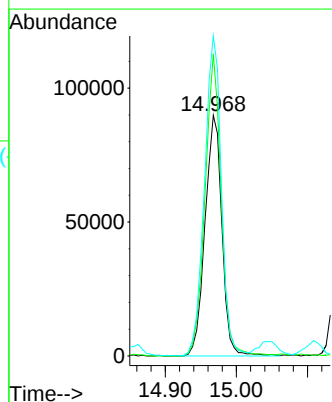
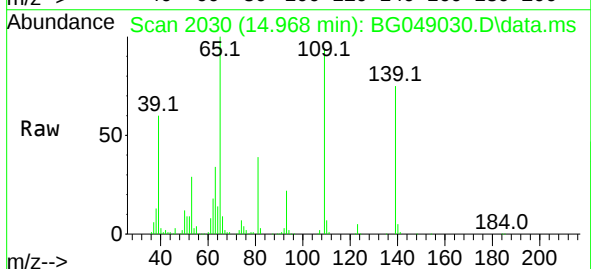
Instrument :  
BNA\_G  
ClientSampleId :  
PB137219BS

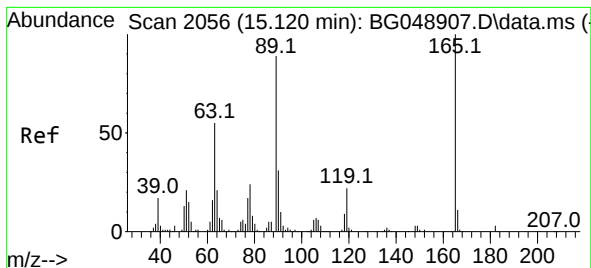
Tgt Ion:168 Resp: 465809  
Ion Ratio Lower Upper  
168 100  
139 41.8 33.4 50.2  
169 13.6 12.3 18.5



#56  
4-Nitrophenol  
Concen: 90.647 ng  
RT: 14.968 min Scan# 2030  
Delta R.T. -0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

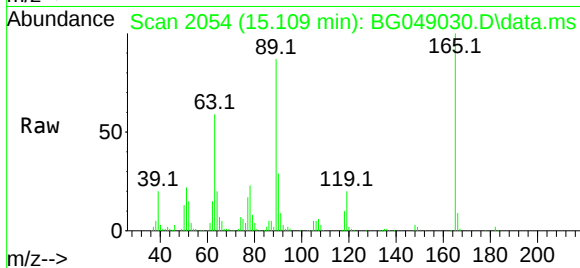
Tgt Ion:139 Resp: 148478  
Ion Ratio Lower Upper  
139 100  
109 125.5 116.3 156.3  
65 133.0 105.0 145.0



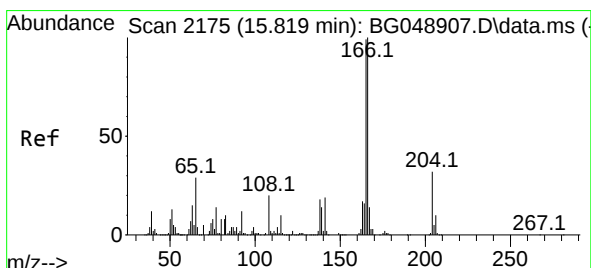
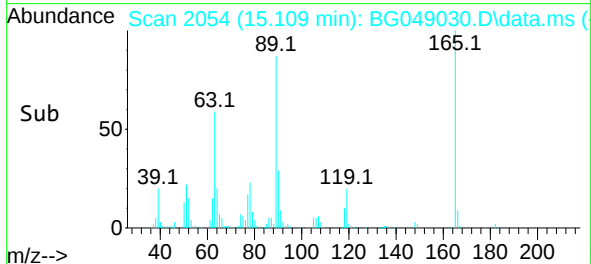
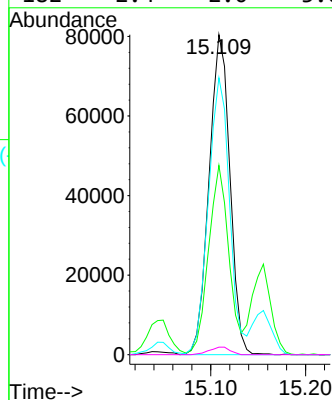


#57  
2,4-Dinitrotoluene  
Concen: 50.380 ng  
RT: 15.109 min Scan# 2054  
Delta R.T. -0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

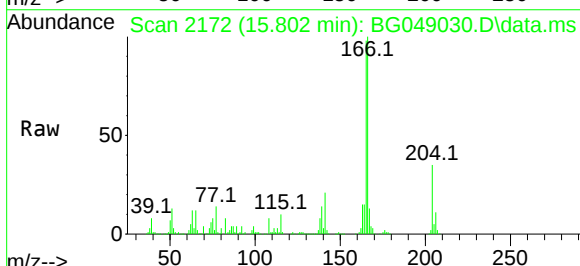
Instrument :  
BNA\_G  
ClientSampleId :  
PB137219BS



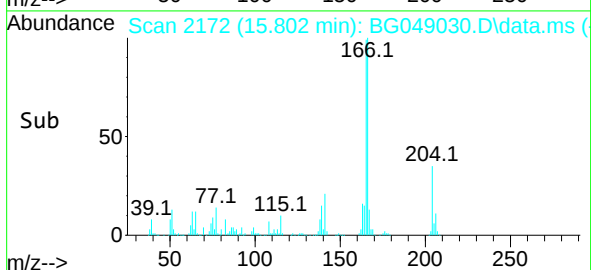
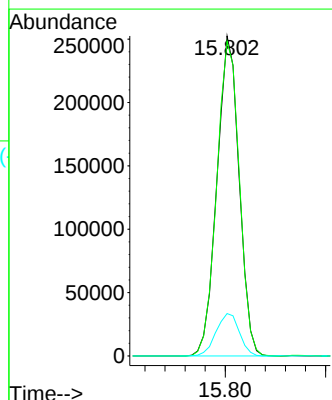
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 122804 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 59.2  | 48.0  | 72.0   |
| 89        | 86.6  | 65.4  | 98.0   |
| 182       | 2.4   | 2.0   | 3.0    |

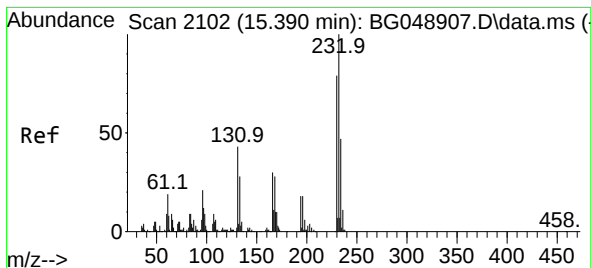


#58  
Fluorene  
Concen: 38.408 ng  
RT: 15.802 min Scan# 2172  
Delta R.T. -0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 386198 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 98.3  | 77.7  | 116.5  |
| 167       | 13.2  | 10.8  | 16.2   |

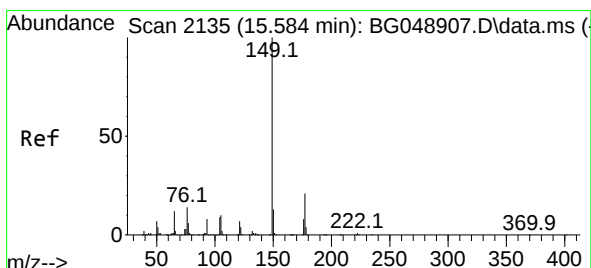
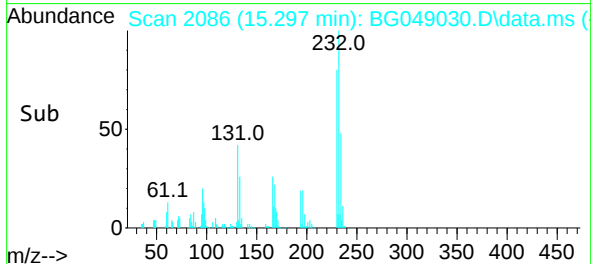
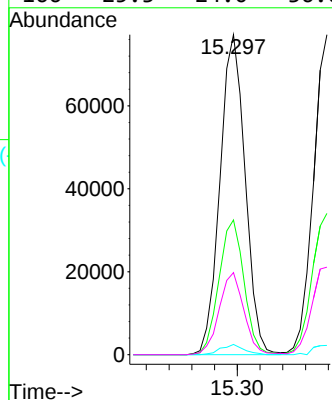
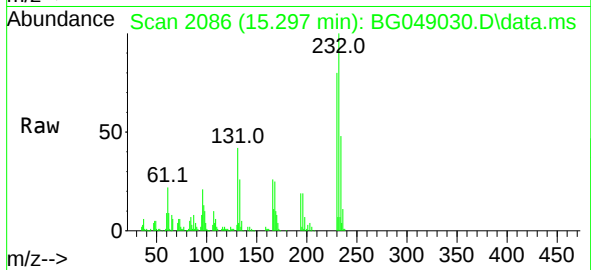




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.629 ng  
RT: 15.297 min Scan# 2086  
Delta R.T. -0.085 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

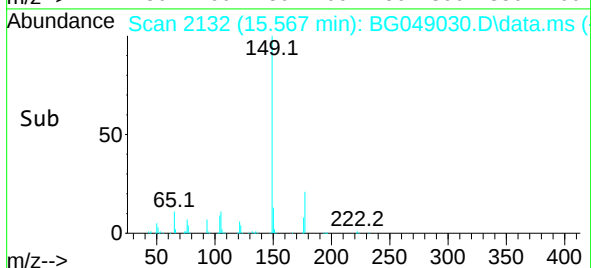
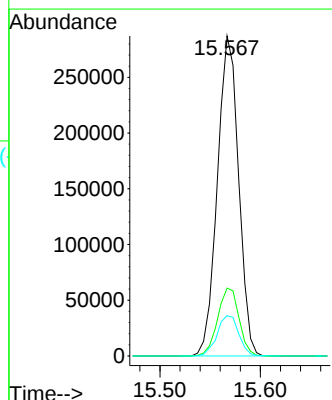
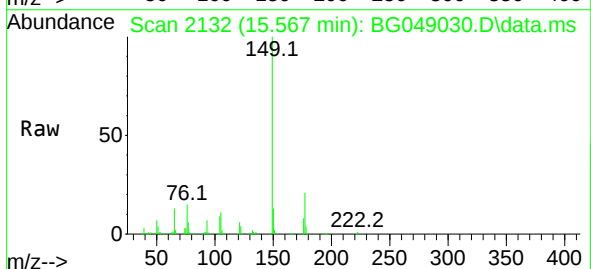
Instrument :  
BNA\_G  
ClientSampleId :  
PB137219BS

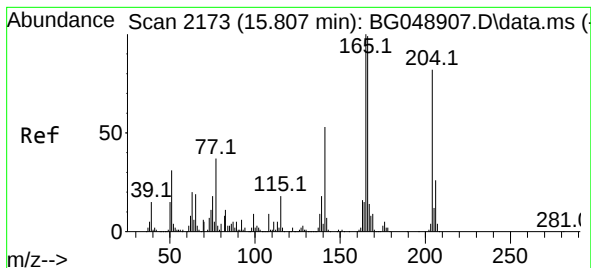
Tgt Ion:232 Resp: 118593  
Ion Ratio Lower Upper  
232 100  
131 41.9 37.2 55.8  
130 2.9 2.8 4.2  
166 25.3 24.0 36.0



#60  
Diethylphthalate  
Concen: 39.902 ng  
RT: 15.567 min Scan# 2132  
Delta R.T. -0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

Tgt Ion:149 Resp: 421121  
Ion Ratio Lower Upper  
149 100  
177 21.2 19.0 28.6  
150 12.6 10.2 15.4

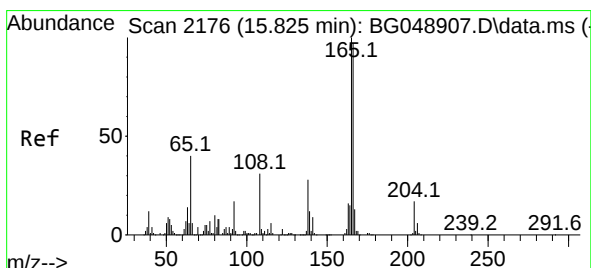
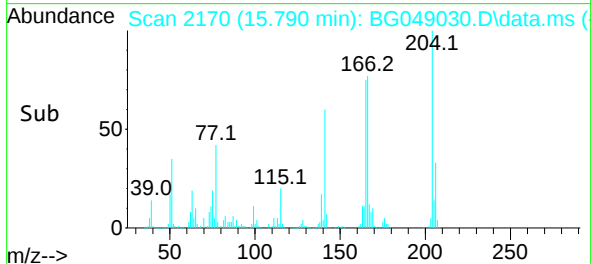
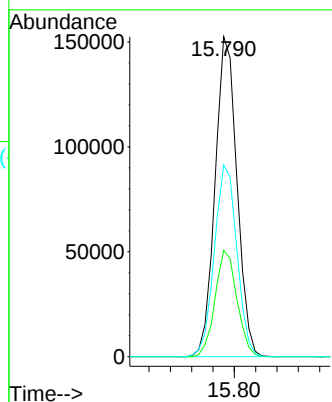
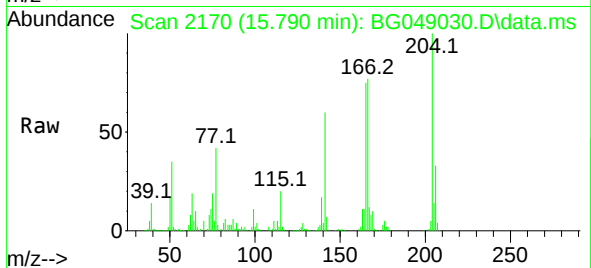




#61  
4-Chlorophenyl-phenylether  
Concen: 41.233 ng  
RT: 15.790 min Scan# 2170  
Delta R.T. -0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

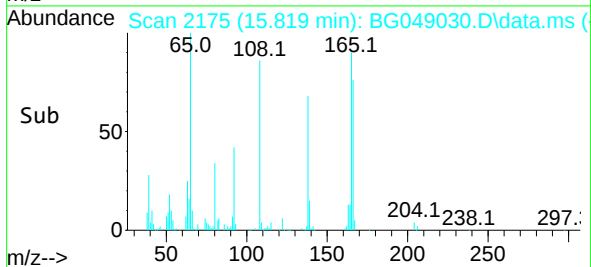
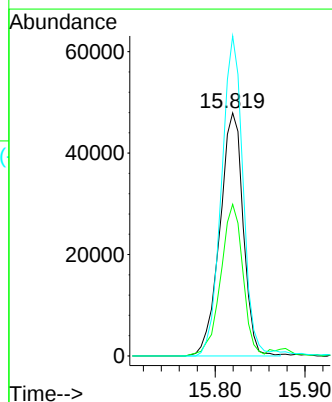
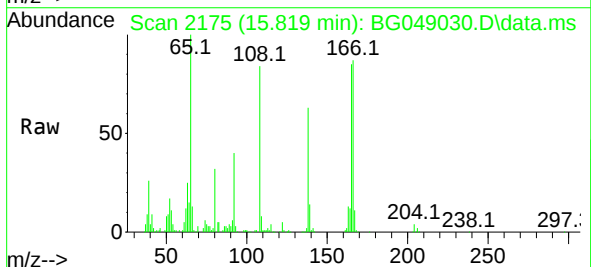
Instrument :  
BNA\_G  
ClientSampleId :  
PB137219BS

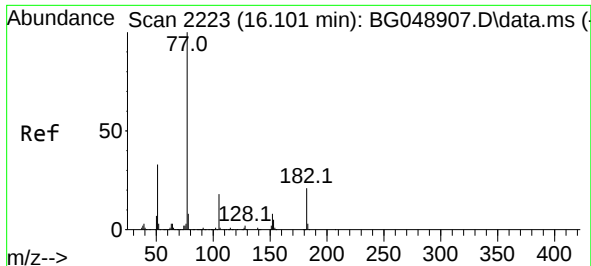
Tgt Ion:204 Resp: 216792  
Ion Ratio Lower Upper  
204 100  
206 33.2 24.6 37.0  
141 59.8 47.8 71.8



#62  
4-Nitroaniline  
Concen: 42.488 ng  
RT: 15.819 min Scan# 2175  
Delta R.T. 0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

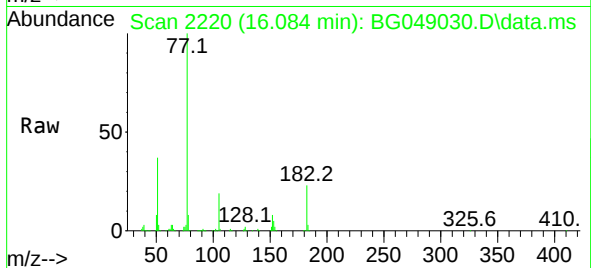
Tgt Ion:138 Resp: 86330  
Ion Ratio Lower Upper  
138 100  
92 62.4 32.3 72.3  
108 131.7 132.4 172.4#



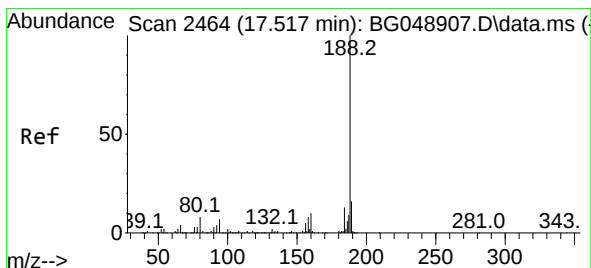
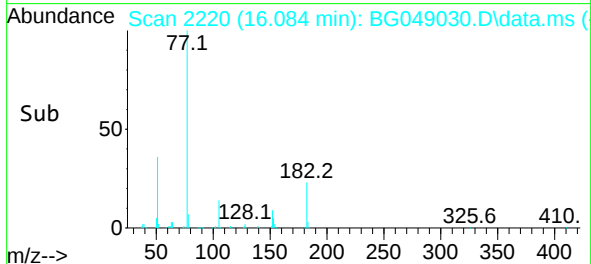
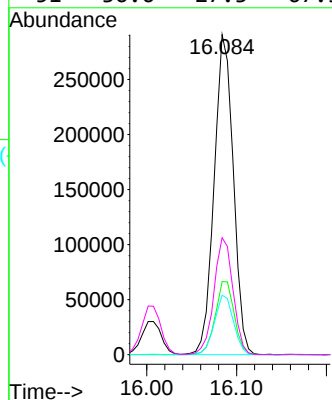


#63  
Azobenzene  
Concen: 35.707 ng  
RT: 16.084 min Scan# 2220  
Delta R.T. -0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

Instrument :  
BNA\_G  
ClientSampleId :  
PB137219BS

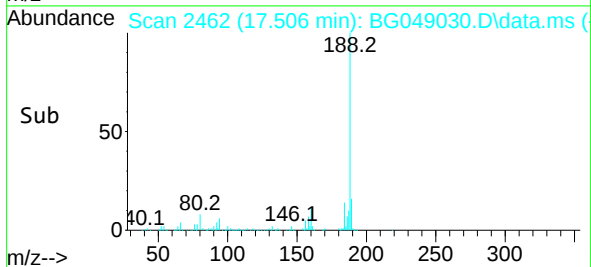
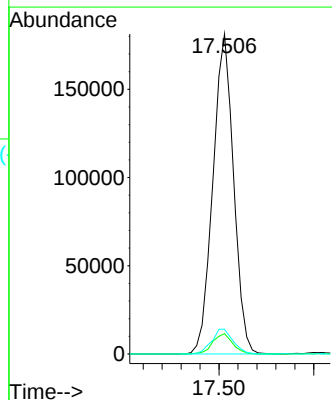
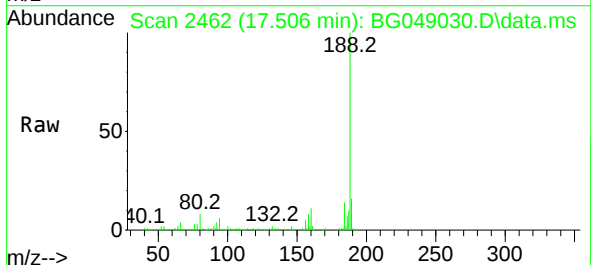


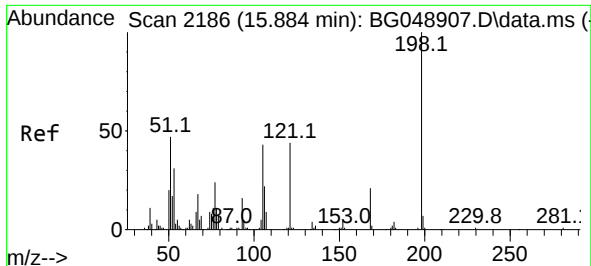
Tgt Ion: 77 Resp: 431199  
Ion Ratio Lower Upper  
77 100  
182 22.8 7.9 47.9  
105 18.6 0.0 37.9  
51 36.6 27.3 67.3



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.506 min Scan# 2462  
Delta R.T. -0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

Tgt Ion: 188 Resp: 274159  
Ion Ratio Lower Upper  
188 100  
94 6.3 5.4 8.0  
80 7.8 3.7 5.5

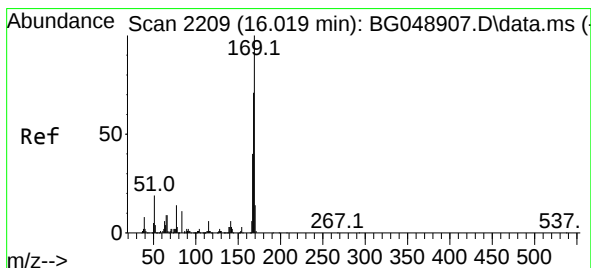
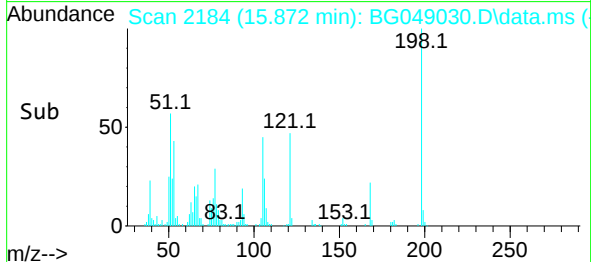
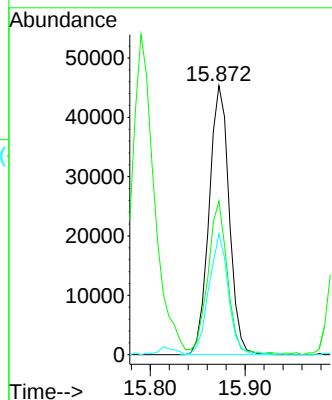
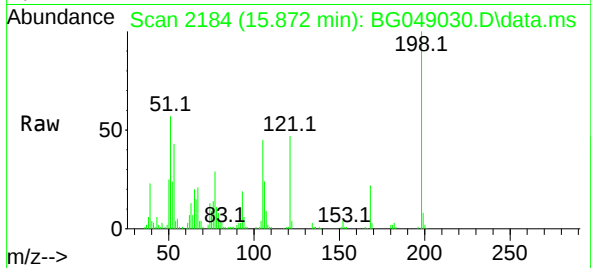




#65  
4,6-Dinitro-2-methylphenol  
Concen: 51.328 ng  
RT: 15.872 min Scan# 2184  
Delta R.T. -0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

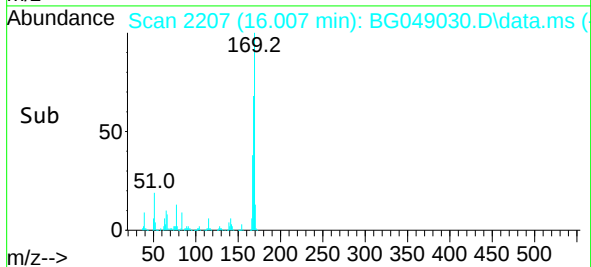
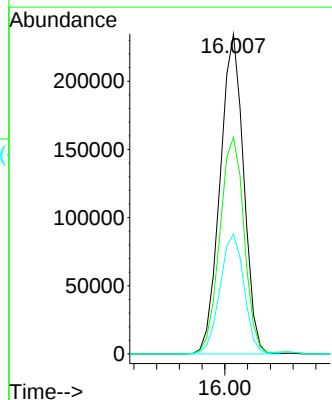
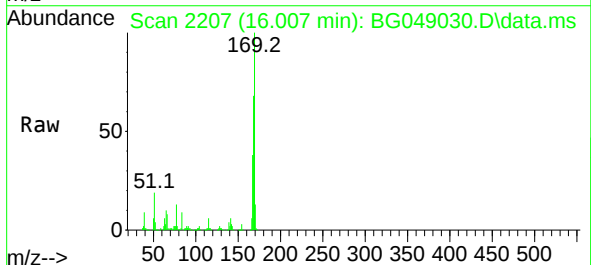
Instrument :  
BNA\_G  
ClientSampleId :  
PB137219BS

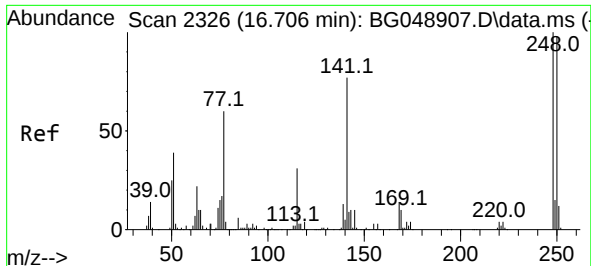
Tgt Ion:198 Resp: 66731  
Ion Ratio Lower Upper  
198 100  
51 57.2 29.4 69.4  
105 44.8 15.1 55.1



#66  
n-Nitrosodiphenylamine  
Concen: 39.452 ng  
RT: 16.007 min Scan# 2207  
Delta R.T. -0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

Tgt Ion:169 Resp: 337074  
Ion Ratio Lower Upper  
169 100  
168 67.7 56.3 84.5  
167 37.5 28.4 42.6

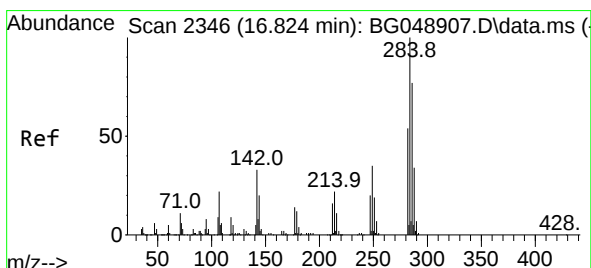
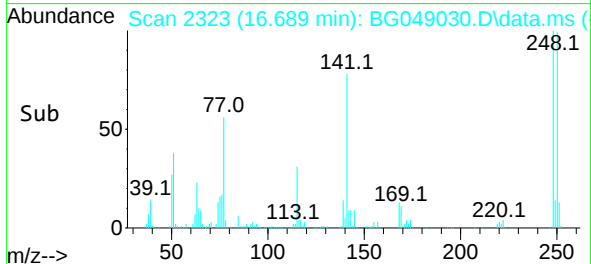
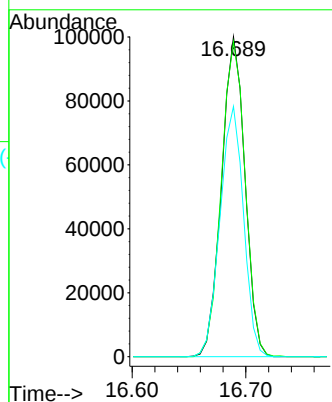
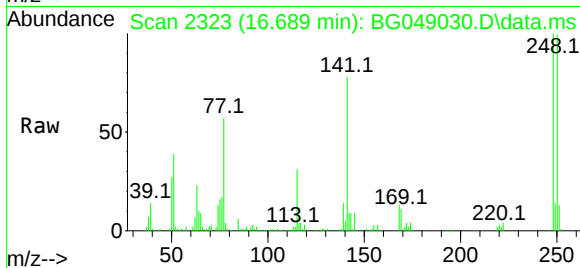




#67  
4-Bromophenyl-phenylether  
Concen: 41.781 ng  
RT: 16.689 min Scan# 2323  
Delta R.T. -0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

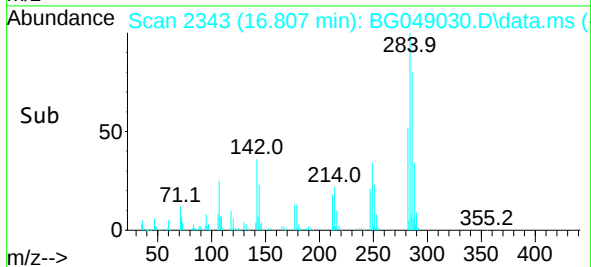
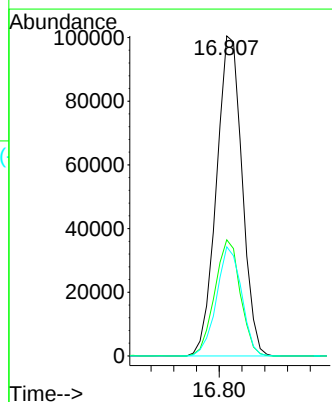
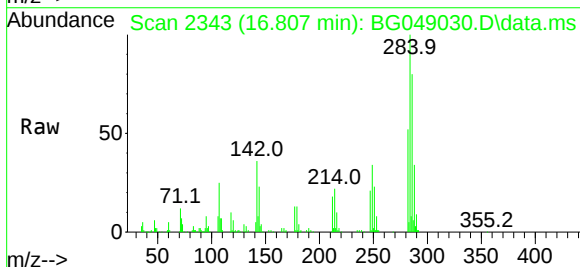
Instrument :  
BNA\_G  
ClientSampleId :  
PB137219BS

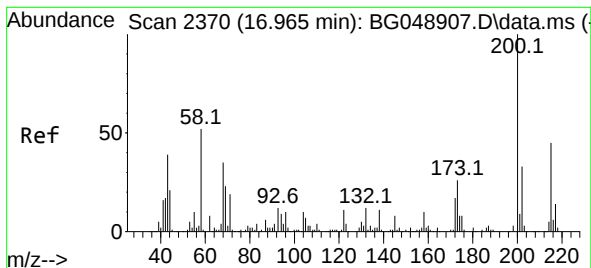
Tgt Ion:248 Resp: 143027  
Ion Ratio Lower Upper  
248 100  
250 98.5 76.1 114.1  
141 78.2 65.4 98.2



#68  
Hexachlorobenzene  
Concen: 42.352 ng  
RT: 16.807 min Scan# 2343  
Delta R.T. -0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

Tgt Ion:284 Resp: 157135  
Ion Ratio Lower Upper  
284 100  
142 36.3 27.0 40.6  
249 34.1 28.2 42.2





#69

Atrazine

Concen: 51.486 ng

RT: 16.953 min Scan# 2368

Delta R.T. -0.003 min

Lab File: BG049030.D

Acq: 21 Jun 2021 12:56

Tgt Ion:200 Resp: 141195

Ion Ratio Lower Upper

200 100

173 24.1 3.7 43.7

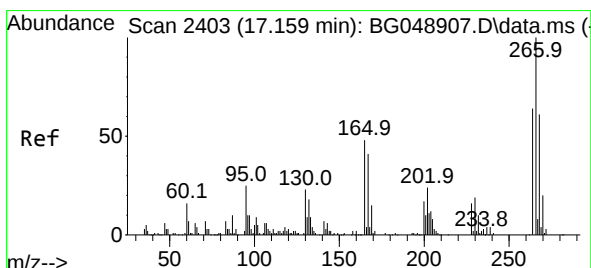
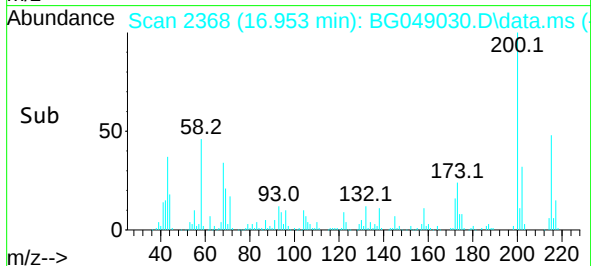
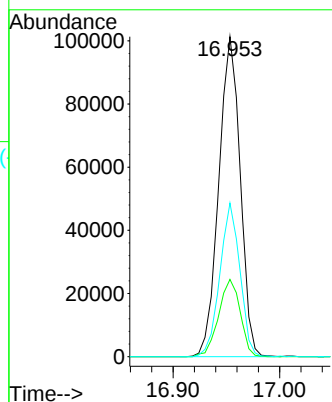
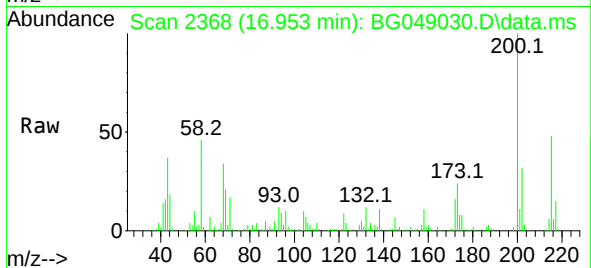
215 48.0 26.9 66.9

Instrument :

BNA\_G

ClientSampleId :

PB137219BS



#70

Pentachlorophenol

Concen: 89.522 ng

RT: 17.153 min Scan# 2402

Delta R.T. 0.003 min

Lab File: BG049030.D

Acq: 21 Jun 2021 12:56

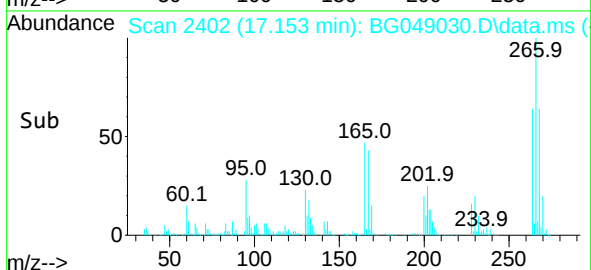
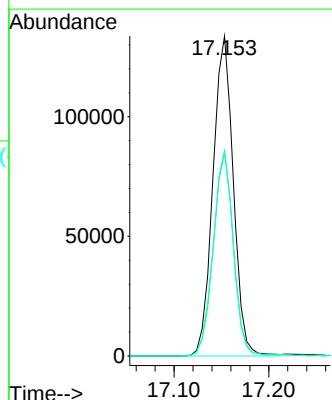
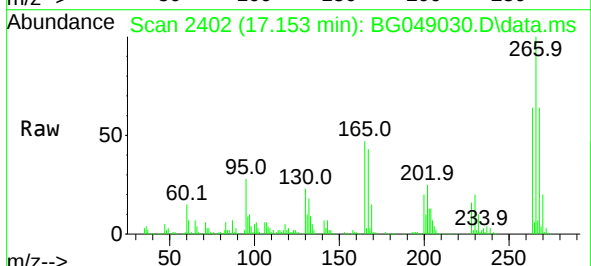
Tgt Ion:266 Resp: 199613

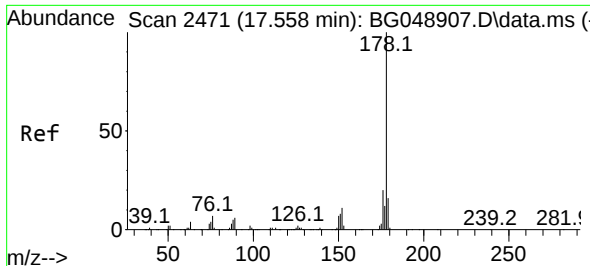
Ion Ratio Lower Upper

266 100

268 63.9 49.0 73.4

264 64.1 49.0 73.6

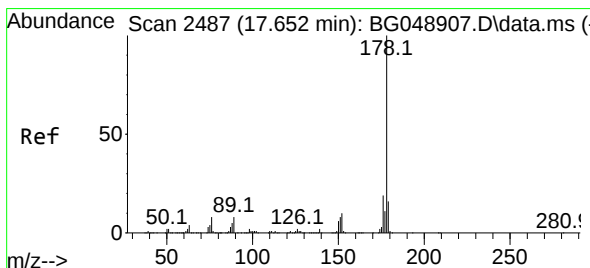
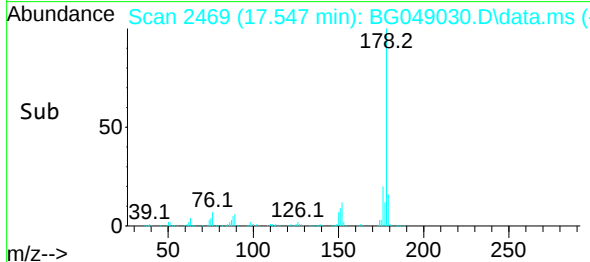
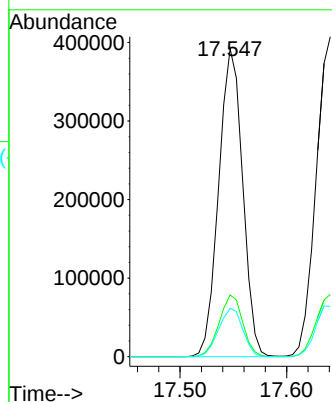
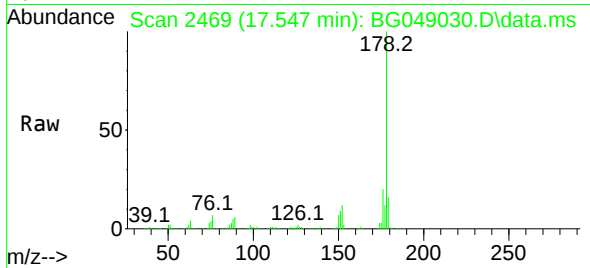




#71  
Phenanthrene  
Concen: 39.654 ng  
RT: 17.547 min Scan# 2469  
Delta R.T. -0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

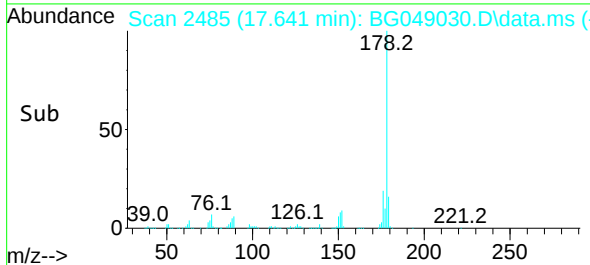
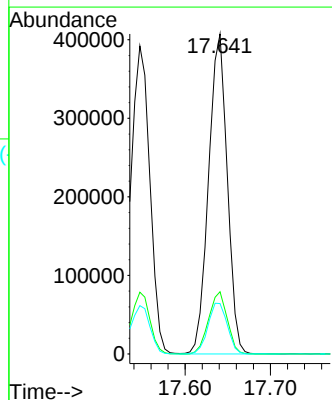
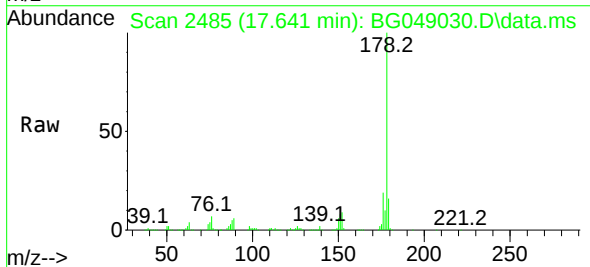
Instrument :  
BNA\_G  
ClientSampleId :  
PB137219BS

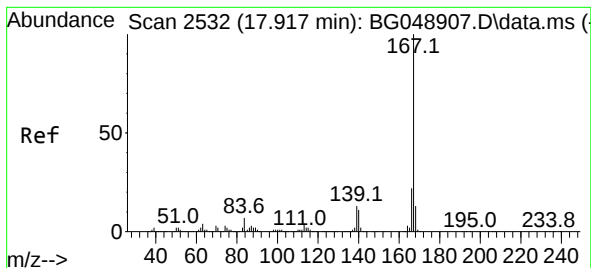
Tgt Ion:178 Resp: 611716  
Ion Ratio Lower Upper  
178 100  
176 20.1 16.0 24.0  
179 15.7 14.2 21.4



#72  
Anthracene  
Concen: 40.019 ng  
RT: 17.641 min Scan# 2485  
Delta R.T. -0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

Tgt Ion:178 Resp: 620338  
Ion Ratio Lower Upper  
178 100  
176 19.4 14.6 21.8  
179 15.8 13.4 20.0





#73

Carbazole

Concen: 38.423 ng

RT: 17.905 min Scan# 2530

Delta R.T. -0.003 min

Lab File: BG049030.D

Acq: 21 Jun 2021 12:56

Instrument :

BNA\_G

ClientSampleId :

PB137219BS

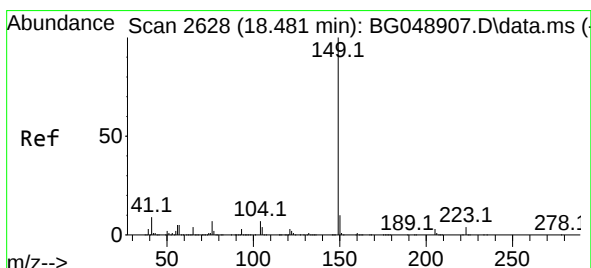
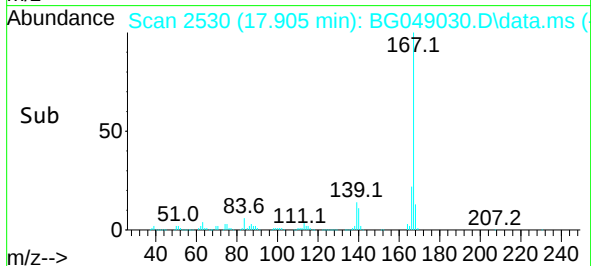
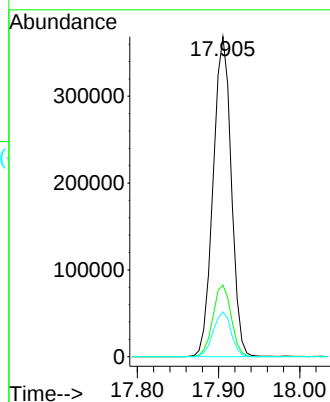
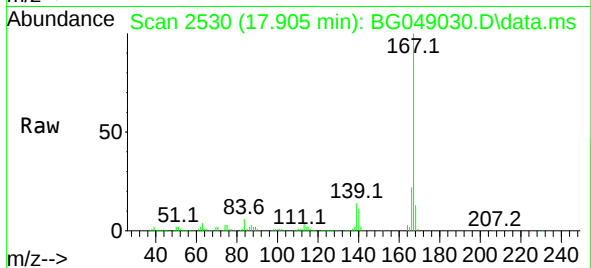
Tgt Ion:167 Resp: 570920

Ion Ratio Lower Upper

167 100

166 22.4 17.4 26.2

139 14.0 10.7 16.1



#74

Di-n-butylphthalate

Concen: 42.134 ng

RT: 18.463 min Scan# 2625

Delta R.T. -0.003 min

Lab File: BG049030.D

Acq: 21 Jun 2021 12:56

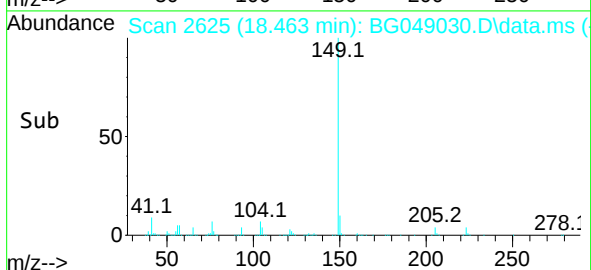
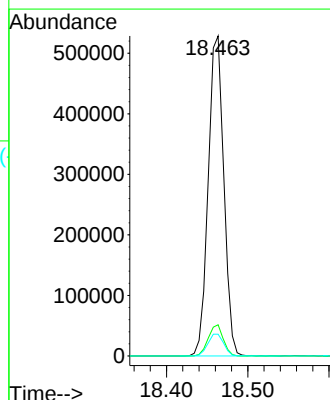
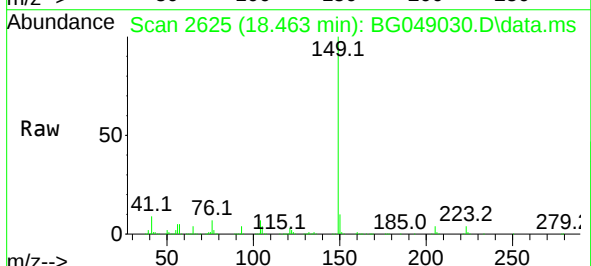
Tgt Ion:149 Resp: 702186

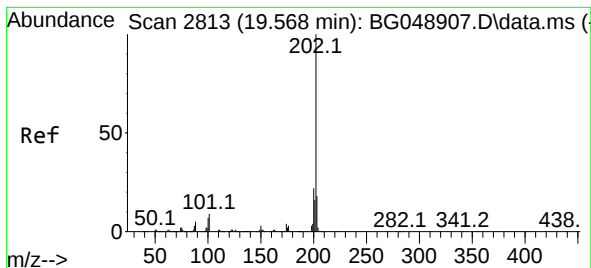
Ion Ratio Lower Upper

149 100

150 9.8 7.5 11.3

104 6.8 6.6 10.0

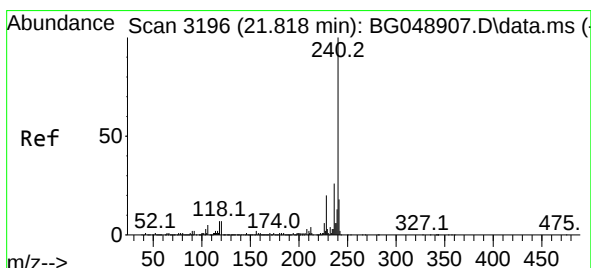
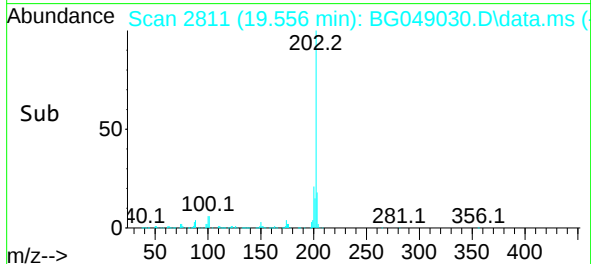
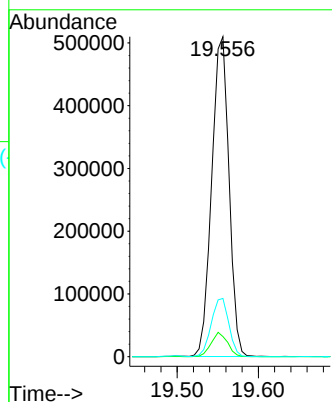
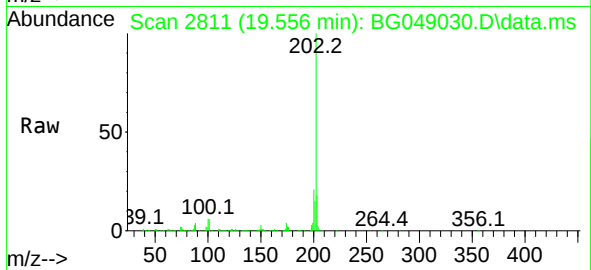




#75  
Fluoranthene  
Concen: 40.449 ng  
RT: 19.556 min Scan# 2811  
Delta R.T. 0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

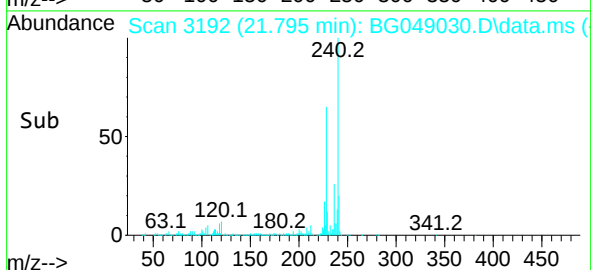
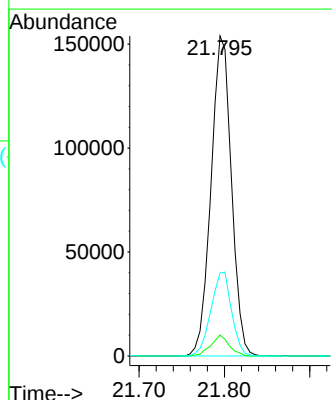
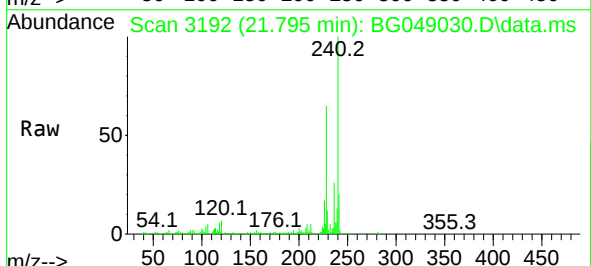
Instrument :  
BNA\_G  
ClientSampleId :  
PB137219BS

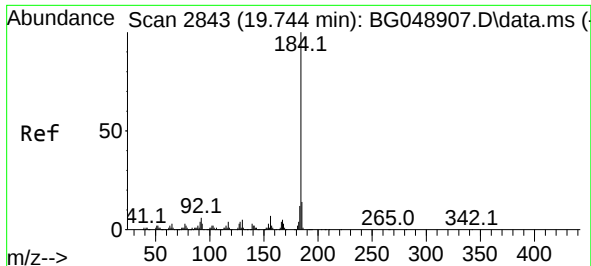
Tgt Ion:202 Resp: 752441  
Ion Ratio Lower Upper  
202 100  
101 6.3 0.0 24.7  
203 18.2 0.0 38.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.795 min Scan# 3192  
Delta R.T. -0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

Tgt Ion:240 Resp: 256141  
Ion Ratio Lower Upper  
240 100  
120 6.6 4.2 6.2#  
236 25.9 21.8 32.6

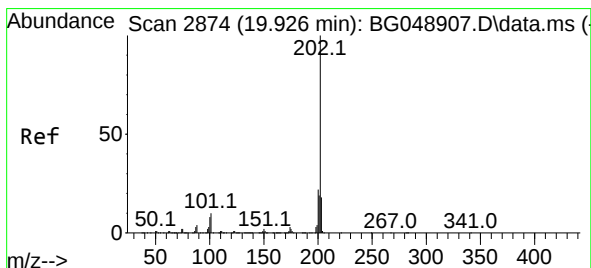
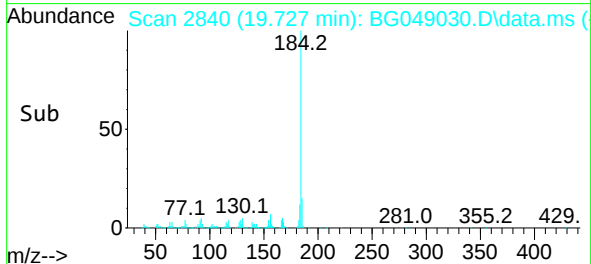
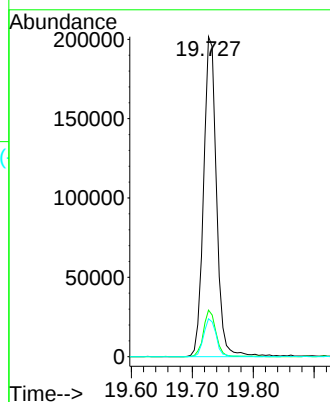
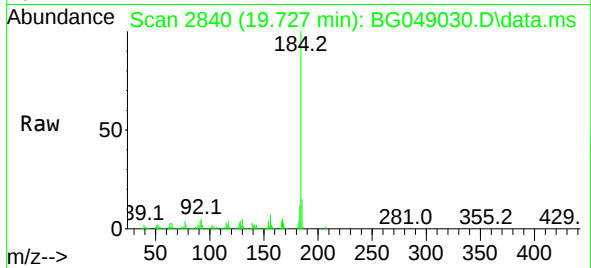




#77  
Benzidine  
Concen: 57.713 ng  
RT: 19.727 min Scan# 2840  
Delta R.T. -0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

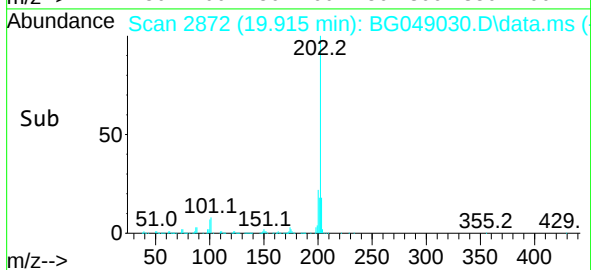
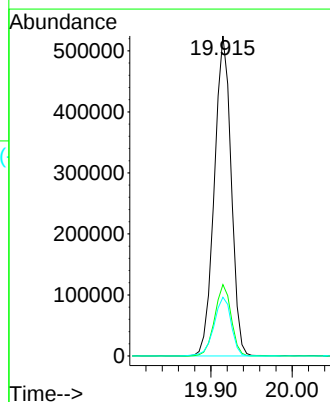
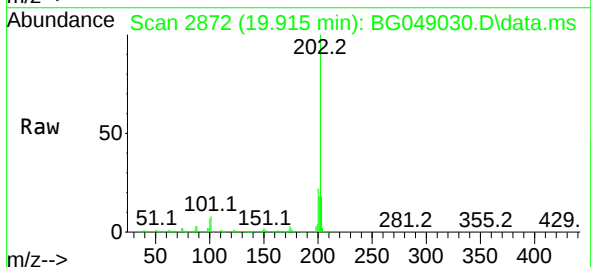
Instrument :  
BNA\_G  
ClientSampleId :  
PB137219BS

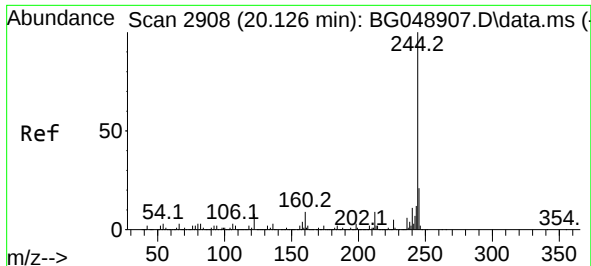
Tgt Ion:184 Resp: 297797  
Ion Ratio Lower Upper  
184 100  
185 14.6 10.7 16.1  
183 11.9 9.4 14.0



#78  
Pyrene  
Concen: 40.537 ng  
RT: 19.915 min Scan# 2872  
Delta R.T. -0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

Tgt Ion:202 Resp: 753636  
Ion Ratio Lower Upper  
202 100  
200 22.3 15.8 23.8  
203 18.3 14.6 21.8

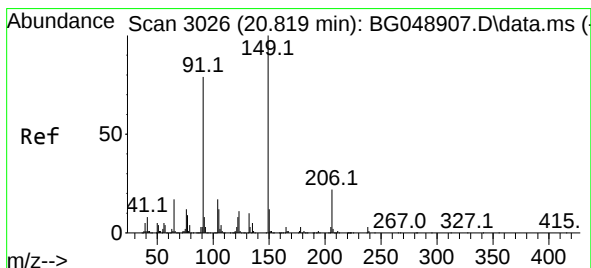
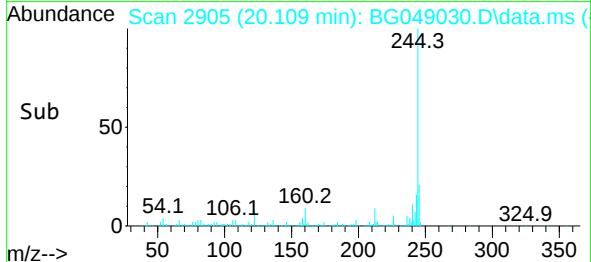
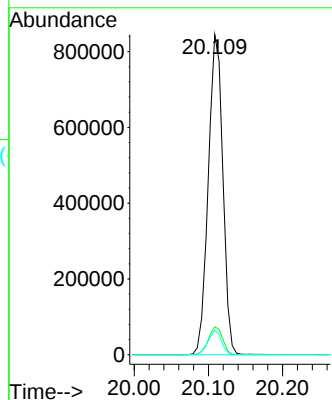
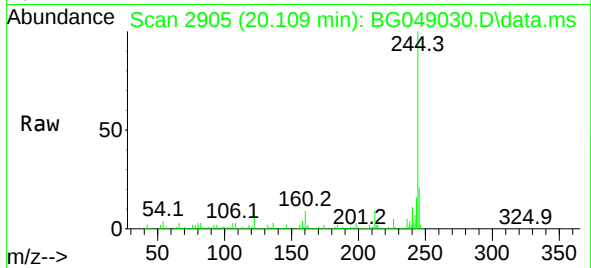




#79  
 Terphenyl-d14  
 Concen: 82.196 ng  
 RT: 20.109 min Scan# 2905  
 Delta R.T. -0.003 min  
 Lab File: BG049030.D  
 Acq: 21 Jun 2021 12:56

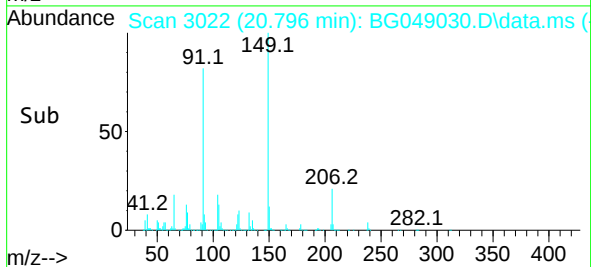
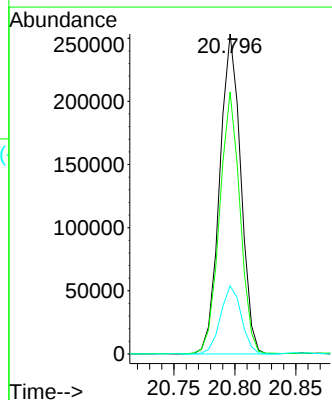
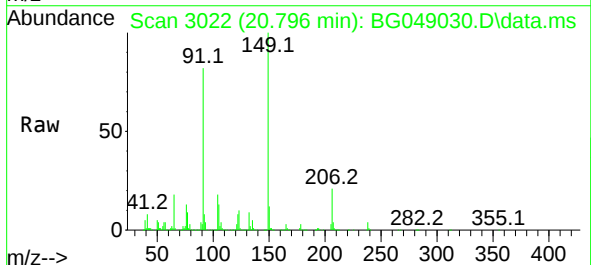
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB137219BS

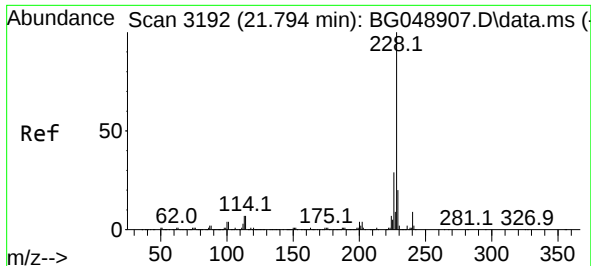
Tgt Ion:244 Resp: 1149592  
 Ion Ratio Lower Upper  
 244 100  
 212 8.7 6.9 10.3  
 122 7.6 5.0 7.6#



#80  
 Butylbenzylphthalate  
 Concen: 43.465 ng  
 RT: 20.796 min Scan# 3022  
 Delta R.T. -0.003 min  
 Lab File: BG049030.D  
 Acq: 21 Jun 2021 12:56

Tgt Ion:149 Resp: 304878  
 Ion Ratio Lower Upper  
 149 100  
 91 81.9 63.4 95.2  
 206 21.3 18.4 27.6

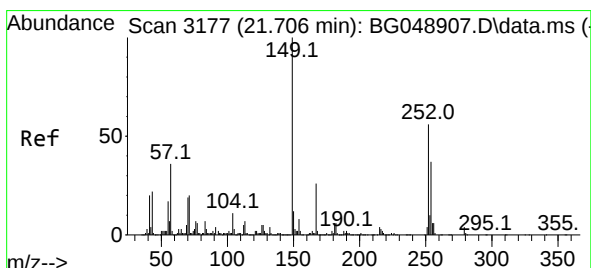
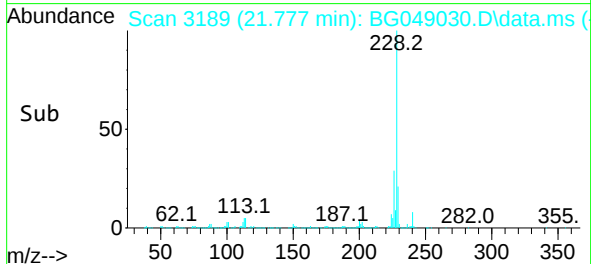
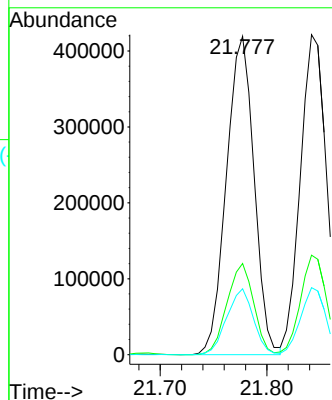
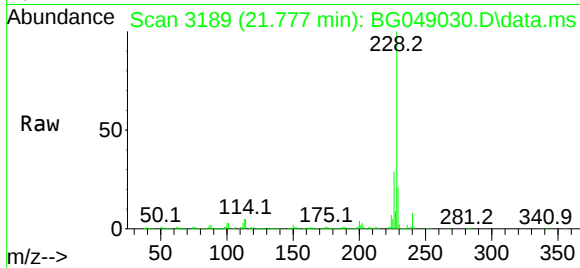




#81  
Benzo(a)anthracene  
Concen: 41.126 ng  
RT: 21.777 min Scan# 3189  
Delta R.T. -0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

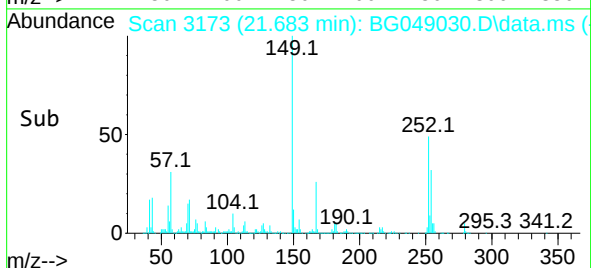
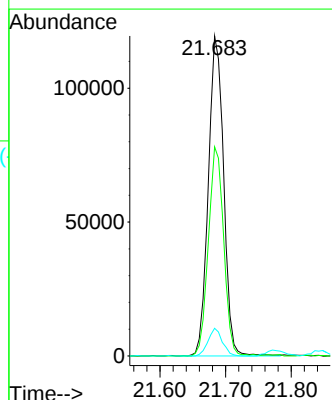
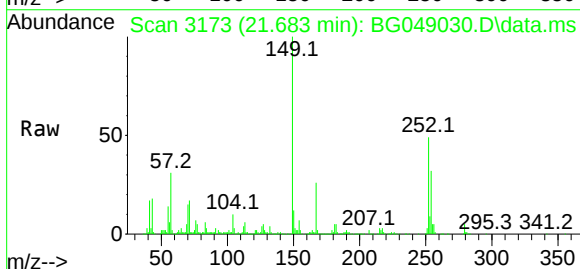
Instrument :  
BNA\_G  
ClientSampleId :  
PB137219BS

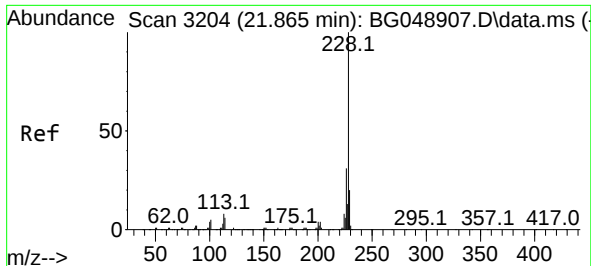
Tgt Ion:228 Resp: 756352  
Ion Ratio Lower Upper  
228 100  
226 28.7 22.7 34.1  
229 20.7 16.0 24.0



#82  
3,3'-Dichlorobenzidine  
Concen: 33.089 ng  
RT: 21.683 min Scan# 3173  
Delta R.T. -0.009 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

Tgt Ion:252 Resp: 194599  
Ion Ratio Lower Upper  
252 100  
254 65.3 52.4 78.6  
126 8.7 5.9 8.9

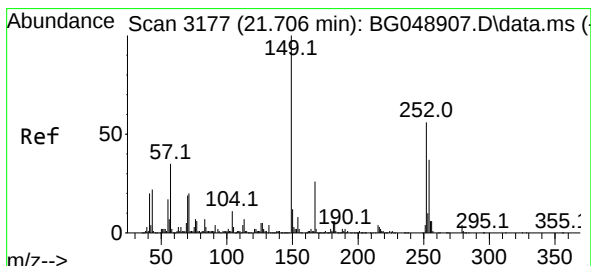
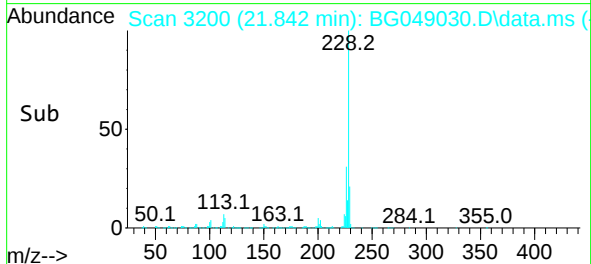
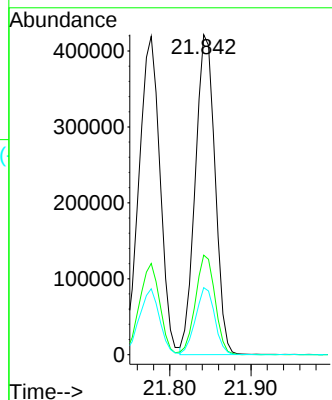
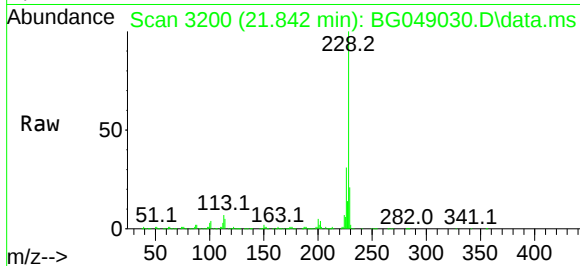




#83  
Chrysene  
Concen: 40.371 ng  
RT: 21.842 min Scan# 3200  
Delta R.T. -0.009 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

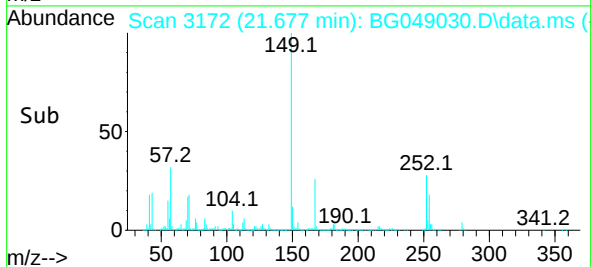
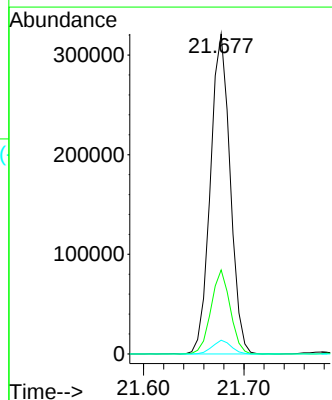
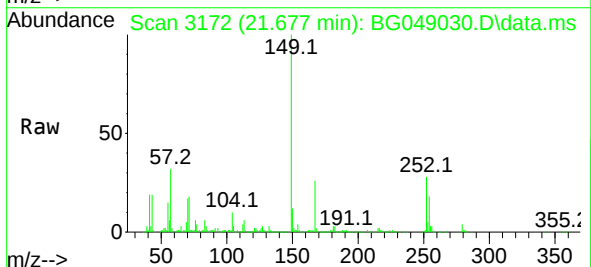
Instrument :  
BNA\_G  
ClientSampleId :  
PB137219BS

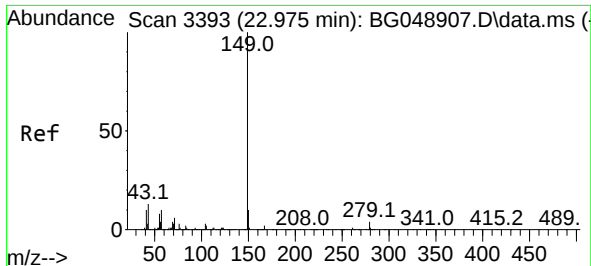
Tgt Ion:228 Resp: 711876  
Ion Ratio Lower Upper  
228 100  
226 31.1 23.1 34.7  
229 21.0 15.3 22.9



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 43.966 ng  
RT: 21.677 min Scan# 3172  
Delta R.T. -0.009 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

Tgt Ion:149 Resp: 439594  
Ion Ratio Lower Upper  
149 100  
167 26.2 22.3 33.5  
279 4.3 3.8 5.8

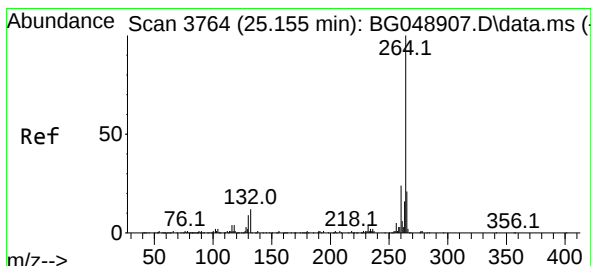
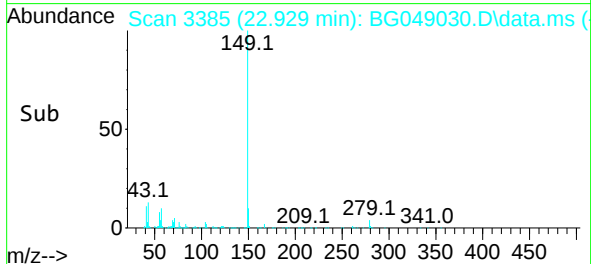
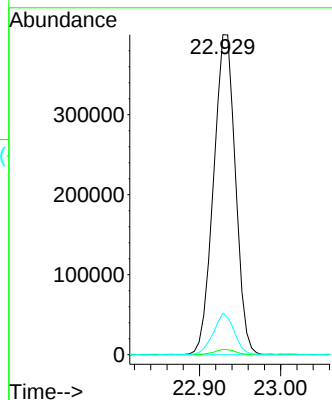
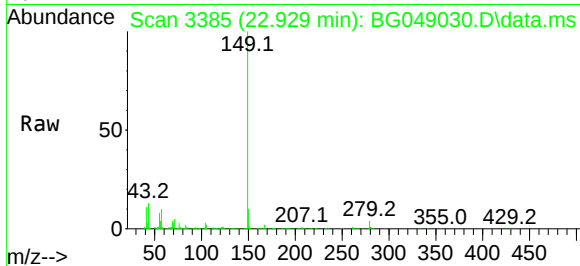




#85  
Di-n-octyl phthalate  
Concen: 44.172 ng  
RT: 22.929 min Scan# 3385  
Delta R.T. -0.009 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

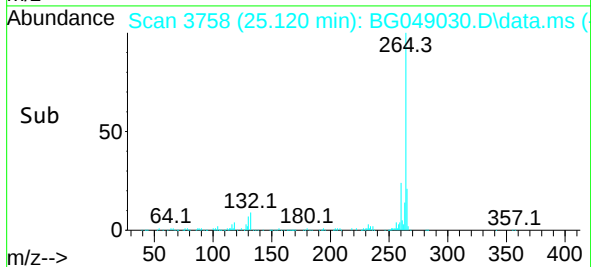
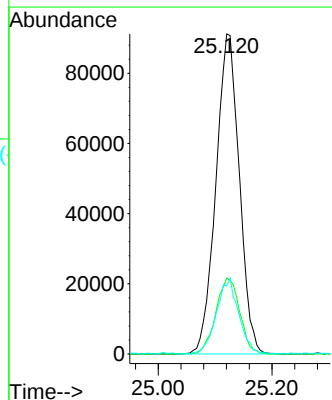
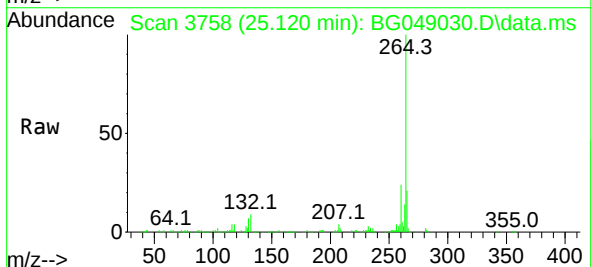
Instrument :  
BNA\_G  
ClientSampleId :  
PB137219BS

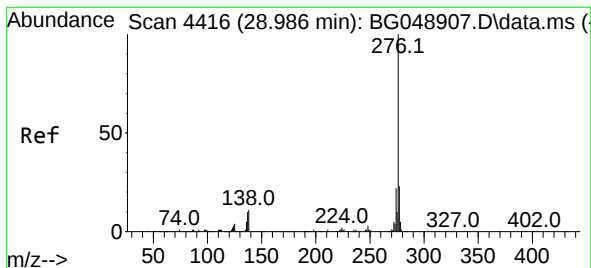
Tgt Ion:149 Resp: 749038  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.4 2.2  
43 12.1 8.6 12.8



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.120 min Scan# 3758  
Delta R.T. -0.009 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

Tgt Ion:264 Resp: 260731  
Ion Ratio Lower Upper  
264 100  
260 23.7 19.4 29.2  
265 21.2 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.156 ng

RT: 28.939 min Scan# 4408

Delta R.T. -0.014 min

Lab File: BG049030.D

Acq: 21 Jun 2021 12:56

Tgt Ion:276 Resp: 905690

Ion Ratio Lower Upper

276 100

138 9.3 5.1 7.7#

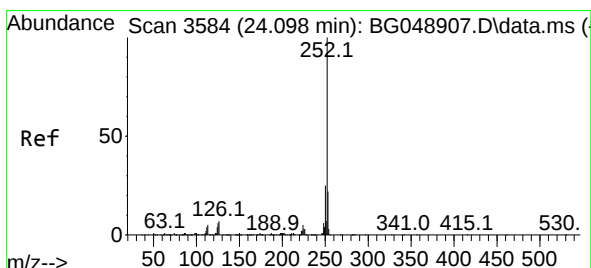
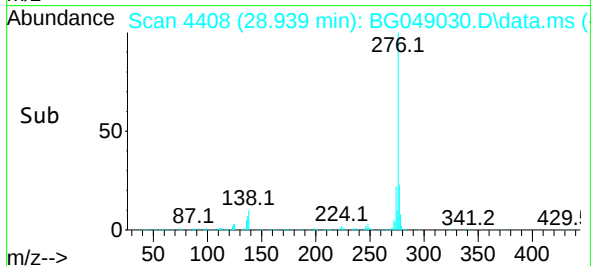
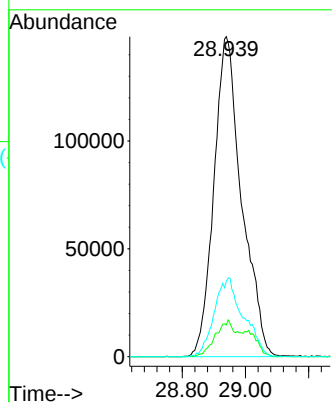
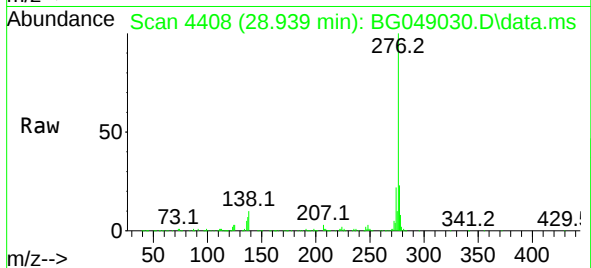
277 25.9 19.8 29.6

Instrument :

BNA\_G

ClientSampleId :

PB137219BS



#88

Benzo(b)fluoranthene

Concen: 43.245 ng

RT: 24.063 min Scan# 3578

Delta R.T. -0.009 min

Lab File: BG049030.D

Acq: 21 Jun 2021 12:56

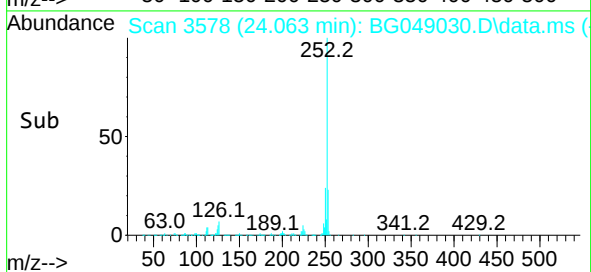
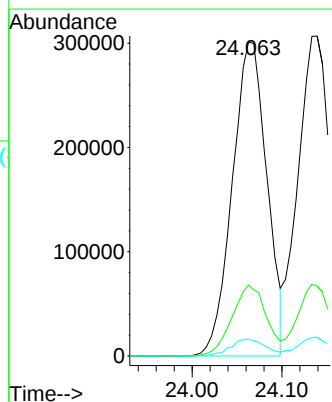
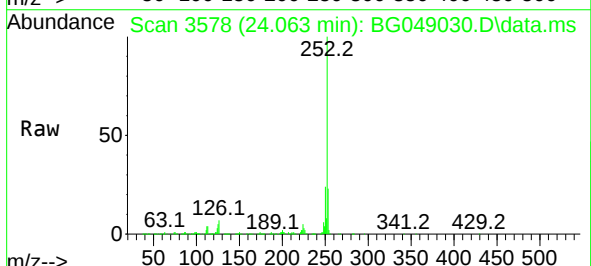
Tgt Ion:252 Resp: 803785

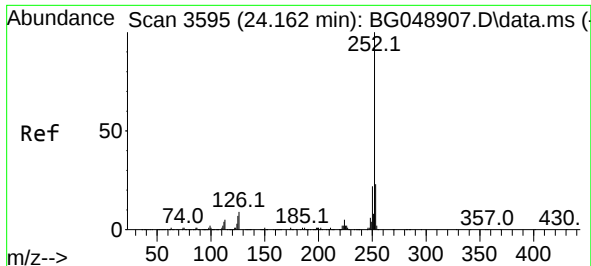
Ion Ratio Lower Upper

252 100

253 22.6 16.2 24.4

125 5.4 3.0 4.4#

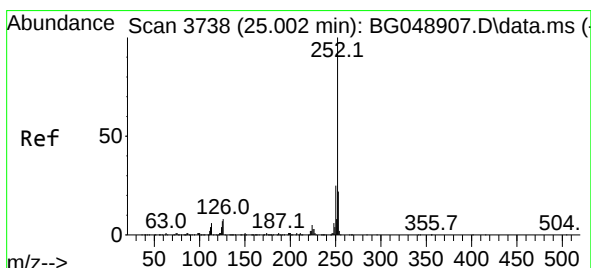
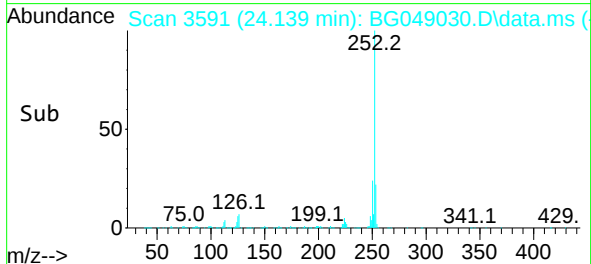
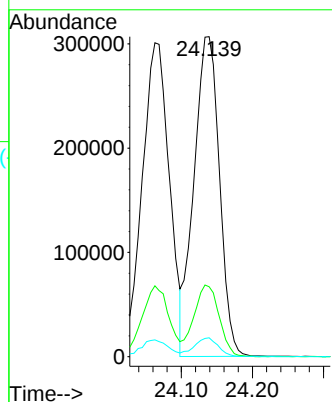
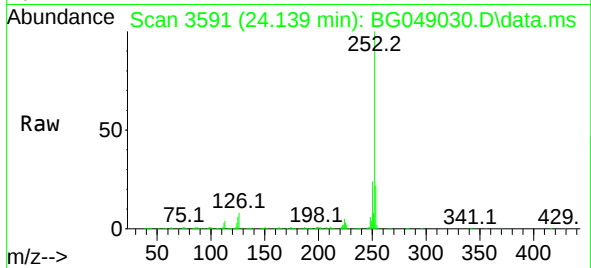




#89  
Benzo(k)fluoranthene  
Concen: 43.474 ng  
RT: 24.139 min Scan# 3591  
Delta R.T. -0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

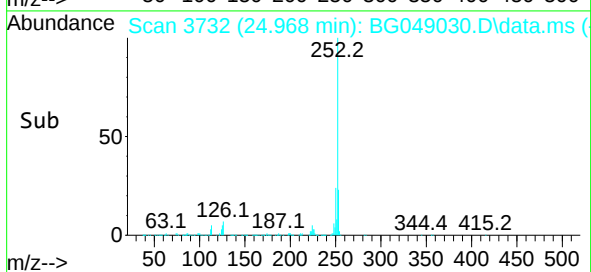
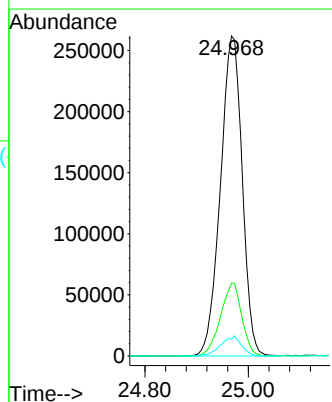
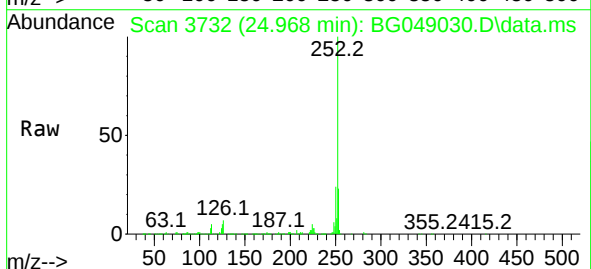
Instrument :  
BNA\_G  
ClientSampleId :  
PB137219BS

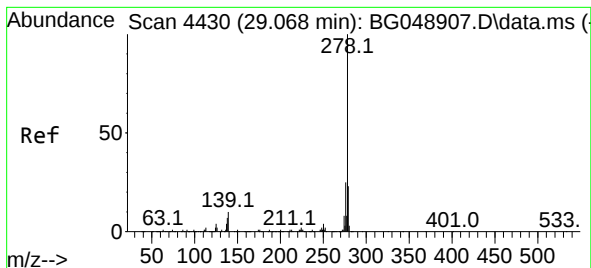
Tgt Ion:252 Resp: 766661  
Ion Ratio Lower Upper  
252 100  
253 21.8 18.0 27.0  
125 5.9 3.1 4.7#



#90  
Benzo(a)pyrene  
Concen: 45.081 ng  
RT: 24.968 min Scan# 3732  
Delta R.T. -0.009 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

Tgt Ion:252 Resp: 764857  
Ion Ratio Lower Upper  
252 100  
253 22.7 16.6 25.0  
125 5.4 3.5 5.3#

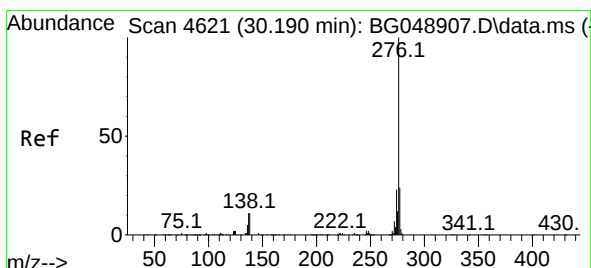
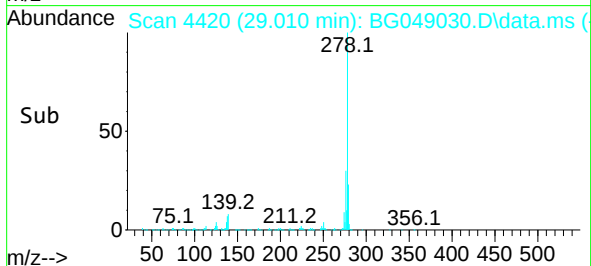
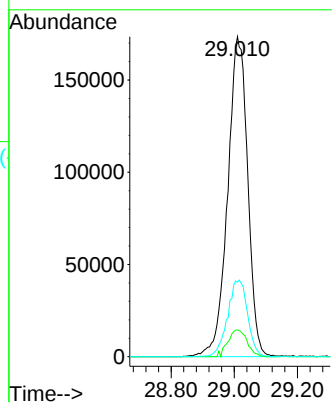
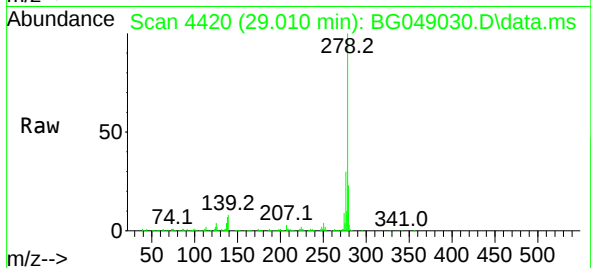




#91  
Dibenzo(a,h)anthracene  
Concen: 46.594 ng  
RT: 29.010 min Scan# 4420  
Delta R.T. -0.009 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

Instrument :  
BNA\_G  
ClientSampleId :  
PB137219BS

Tgt Ion:278 Resp: 764113  
Ion Ratio Lower Upper  
278 100  
139 8.4 4.6 6.8#  
279 23.2 17.9 26.9



#92  
Benzo(g,h,i)perylene  
Concen: 45.650 ng  
RT: 30.138 min Scan# 4612  
Delta R.T. -0.003 min  
Lab File: BG049030.D  
Acq: 21 Jun 2021 12:56

Tgt Ion:276 Resp: 754907  
Ion Ratio Lower Upper  
276 100  
277 23.6 18.4 27.6  
138 10.7 7.0 10.6#

