

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG012621\  
 Data File : BG048003.D  
 Acq On : 26 Jan 2021 11:26  
 Operator : CG/JU  
 Sample : PB134302BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB134302BS

Manual Integrations  
 APPROVED

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 1/27/2021 1:08:06 PM

Quant Time: Jan 26 12:48:57 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG012521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 25 19:39:42 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.132  | 152  | 47627    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.947 | 136  | 192497   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.754 | 164  | 152071   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.498 | 188  | 390360   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.775 | 240  | 342967   | 20.00  | ng    | # 0.00   |
| 86) Perylene-d12              | 25.054 | 264  | 342399   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.688  | 112  | 382514   | 123.43 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.280  | 99   | 536797   | 113.93 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.296  | 82   | 354412   | 72.85  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.240 | 330  | 301455   | 119.02 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.379 | 172  | 834454   | 70.95  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.095 | 244  | 1422732  | 71.93  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.573  | 88   | 39307    | 28.45  | ng    | 98       |
| 3) Pyridine                   | 3.967  | 79   | 123693   | 29.83  | ng    | 91       |
| 4) n-Nitrosodimethylamine     | 3.878  | 42   | 71667    | 37.40  | ng    | 81       |
| 6) Aniline                    | 7.451  | 93   | 167735   | 29.47  | ng    | # 89     |
| 8) 2-Chlorophenol             | 7.692  | 128  | 148454   | 45.76  | ng    | 90       |
| 9) Benzaldehyde               | 7.263  | 77   | 96592    | 39.96  | ng    | # 80     |
| 10) Phenol                    | 7.310  | 94   | 204531   | 45.29  | ng    | 81       |
| 11) bis(2-Chloroethyl)ether   | 7.545  | 93   | 137740   | 38.94  | ng    | 96       |
| 12) 1,3-Dichlorobenzene       | 8.021  | 146  | 148264   | 37.87  | ng    | # 92     |
| 13) 1,4-Dichlorobenzene       | 8.168  | 146  | 148413   | 37.81  | ng    | 96       |
| 14) 1,2-Dichlorobenzene       | 8.491  | 146  | 148488   | 39.63  | ng    | 94       |
| 15) Benzyl Alcohol            | 8.361  | 79   | 169566   | 42.53  | ng    | # 87     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.655  | 45   | 186888   | 37.65  | ng    | 92       |
| 17) 2-Methylphenol            | 8.567  | 107  | 138638   | 45.42  | ng    | # 88     |
| 18) Hexachloroethane          | 9.225  | 117  | 57464    | 37.53  | ng    | 99       |
| 19) n-Nitroso-di-n-propyla... | 8.937  | 70   | 137688   | 40.04  | ng    | 97       |
| 20) 3+4-Methylphenols         | 8.890  | 107  | 187535   | 44.41  | ng    | 91       |
| 22) Acetophenone              | 8.955  | 105  | 237774   | 40.08  | ng    | # 95     |
| 24) Nitrobenzene              | 9.337  | 77   | 199713   | 40.99  | ng    | # 85     |
| 25) Isophorone                | 9.866  | 82   | 365950   | 41.92  | ng    | 93       |
| 26) 2-Nitrophenol             | 10.048 | 139  | 86323    | 43.06  | ng    | # 70     |
| 27) 2,4-Dimethylphenol        | 10.106 | 122  | 148694   | 51.05  | ng    | 89       |
| 28) bis(2-Chloroethoxy)met... | 10.342 | 93   | 210274   | 40.03  | ng    | 97       |
| 29) 2,4-Dichlorophenol        | 10.588 | 162  | 173633   | 46.33  | ng    | 94       |
| 30) 1,2,4-Trichlorobenzene    | 10.806 | 180  | 177379   | 39.15  | ng    | 99       |
| 31) Naphthalene               | 11.000 | 128  | 443043   | 39.80  | ng    | 99       |
| 32) Benzoic acid              | 10.242 | 122  | 122469   | 46.94  | ng    | # 69     |
| 33) 4-Chloroaniline           | 11.094 | 127  | 79975    | 15.72  | ng    | # 90     |
| 34) Hexachlorobutadiene       | 11.282 | 225  | 123305   | 38.31  | ng    | 98       |
| 35) Caprolactam               | 11.869 | 113  | 62885m   | 44.08  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 12.204 | 107  | 193521   | 46.02  | ng    | 91       |
| 37) 2-Methylnaphthalene       | 12.592 | 142  | 348288   | 41.43  | ng    | # 91     |
| 38) 1-Methylnaphthalene       | 12.809 | 142  | 330196   | 41.17  | ng    | # 98     |
| 40) 1,2,4,5-Tetrachloroben... | 12.956 | 216  | 228523   | 39.42  | ng    | # 97     |
| 41) Hexachlorocyclopentadiene | 12.938 | 237  | 313164   | 95.36  | ng    | 100      |
| 43) 2,4,6-Trichlorophenol     | 13.191 | 196  | 174214   | 43.09  | ng    | 96       |

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 PB134302BS

Manual Integrations  
 APPROVED

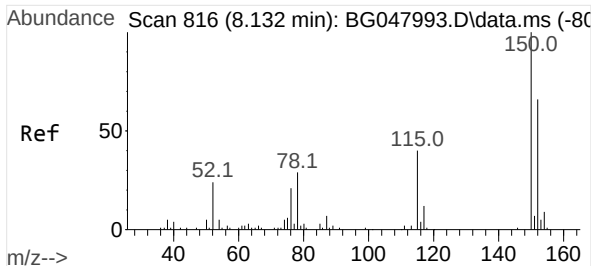
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Quant Time: Jan 26 12:48:57 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG012521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 25 19:39:42 2021  
 Response via : Initial Calibration

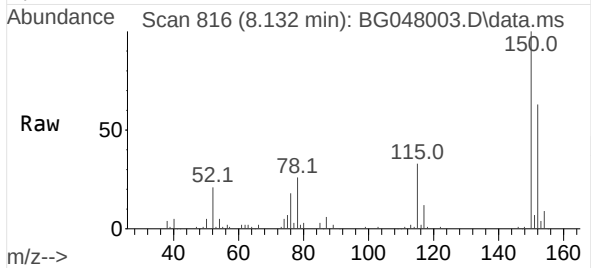
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |    |
|-------------------------------|--------|------|----------|-------|-------|----------|----|
| 44) 2,4,5-Trichlorophenol     | 13.262 | 196  | 187852   | 44.83 | ng    | #        | 97 |
| 46) 1,1'-Biphenyl             | 13.591 | 154  | 479668   | 40.80 | ng    |          | 99 |
| 47) 2-Chloronaphthalene       | 13.638 | 162  | 392391   | 38.35 | ng    |          | 97 |
| 48) 2-Nitroaniline            | 13.832 | 65   | 149178   | 40.17 | ng    | #        | 80 |
| 49) Acenaphthylene            | 14.478 | 152  | 612826   | 40.58 | ng    |          | 99 |
| 50) Dimethylphthalate         | 14.208 | 163  | 558155   | 40.55 | ng    |          | 99 |
| 51) 2,6-Dinitrotoluene        | 14.319 | 165  | 124488   | 43.51 | ng    | #        | 73 |
| 52) Acenaphthene              | 14.819 | 154  | 477848m  | 46.75 | ng    |          |    |
| 53) 3-Nitroaniline            | 14.648 | 138  | 72644    | 23.14 | ng    |          | 82 |
| 54) 2,4-Dinitrophenol         | 14.854 | 184  | 173554   | 97.00 | ng    | #        | 77 |
| 55) Dibenzofuran              | 15.154 | 168  | 633080   | 40.83 | ng    |          | 96 |
| 56) 4-Nitrophenol             | 14.948 | 139  | 211378   | 86.31 | ng    | #        | 58 |
| 57) 2,4-Dinitrotoluene        | 15.107 | 165  | 176660   | 42.75 | ng    | #        | 78 |
| 58) Fluorene                  | 15.800 | 166  | 523890   | 42.03 | ng    |          | 95 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.371 | 232  | 188787   | 45.06 | ng    |          | 98 |
| 60) Diethylphthalate          | 15.565 | 149  | 575422   | 40.67 | ng    |          | 96 |
| 61) 4-Chlorophenyl-phenyle... | 15.788 | 204  | 313695   | 41.09 | ng    |          | 99 |
| 62) 4-Nitroaniline            | 15.817 | 138  | 124538   | 36.42 | ng    | #        | 69 |
| 63) Azobenzene                | 16.082 | 77   | 551750   | 41.42 | ng    |          | 91 |
| 65) 4,6-Dinitro-2-methylph... | 15.870 | 198  | 119694   | 47.51 | ng    |          | 88 |
| 66) n-Nitrosodiphenylamine    | 16.005 | 169  | 495591   | 42.25 | ng    |          | 97 |
| 67) 4-Bromophenyl-phenylether | 16.681 | 248  | 214006   | 41.03 | ng    |          | 94 |
| 68) Hexachlorobenzene         | 16.805 | 284  | 227584   | 40.12 | ng    |          | 97 |
| 69) Atrazine                  | 16.946 | 200  | 186095   | 41.76 | ng    |          | 99 |
| 70) Pentachlorophenol         | 17.139 | 266  | 309248   | 89.78 | ng    |          | 97 |
| 71) Phenanthrene              | 17.539 | 178  | 919615   | 40.83 | ng    |          | 98 |
| 72) Anthracene                | 17.633 | 178  | 940214   | 42.45 | ng    |          | 99 |
| 73) Carbazole                 | 17.891 | 167  | 835465   | 40.42 | ng    |          | 98 |
| 74) Di-n-butylphthalate       | 18.450 | 149  | 995499   | 39.44 | ng    | #        | 98 |
| 75) Fluoranthene              | 19.537 | 202  | 1154629  | 39.10 | ng    |          | 98 |
| 77) Benzidine                 | 19.713 | 184  | 358122   | 36.20 | ng    |          | 99 |
| 78) Pyrene                    | 19.901 | 202  | 1120508  | 44.61 | ng    |          | 99 |
| 80) Butylbenzylphthalate      | 20.782 | 149  | 382597   | 39.88 | ng    |          | 91 |
| 81) Benzo(a)anthracene        | 21.752 | 228  | 1024779  | 41.11 | ng    |          | 98 |
| 82) 3,3'-Dichlorobenzidine    | 21.664 | 252  | 232880   | 27.73 | ng    | #        | 95 |
| 83) Chrysene                  | 21.822 | 228  | 979763   | 41.37 | ng    |          | 99 |
| 84) Bis(2-ethylhexyl)phtha... | 21.658 | 149  | 534218   | 40.66 | ng    |          | 95 |
| 85) Di-n-octyl phthalate      | 22.897 | 149  | 908539   | 41.34 | ng    |          | 97 |
| 87) Indeno(1,2,3-cd)pyrene    | 28.814 | 276  | 1167727  | 42.40 | ng    | #        | 89 |
| 88) Benzo(b)fluoranthene      | 24.014 | 252  | 1023670  | 42.06 | ng    | #        | 97 |
| 89) Benzo(k)fluoranthene      | 24.084 | 252  | 998714   | 42.23 | ng    | #        | 97 |
| 90) Benzo(a)pyrene            | 24.907 | 252  | 936857   | 40.99 | ng    | #        | 97 |
| 91) Dibenzo(a,h)anthracene    | 28.890 | 278  | 971170   | 42.73 | ng    | #        | 94 |
| 92) Benzo(g,h,i)perylene      | 29.995 | 276  | 950000   | 43.39 | ng    | #        | 95 |

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

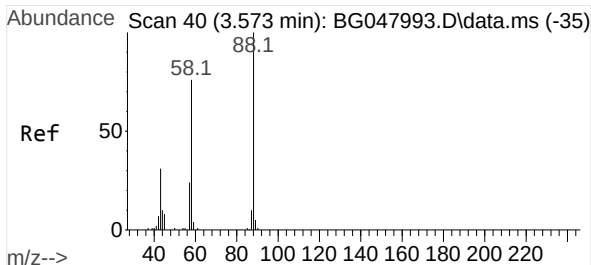
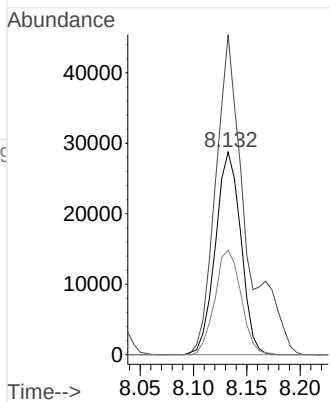
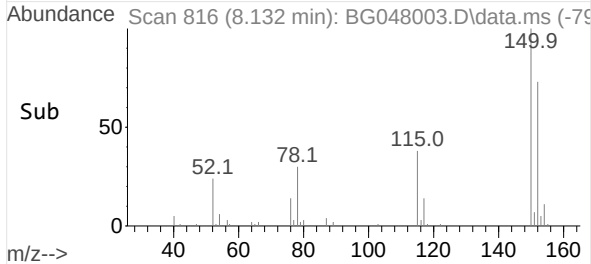




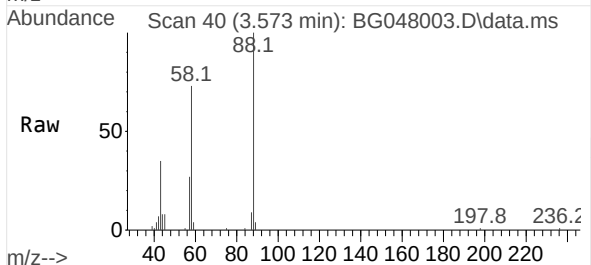
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 8.132 min Scan# 816  
 Delta R.T. 0.000 min  
 Lab File: BG048003.D  
 Acq: 26 Jan 2021 11:26



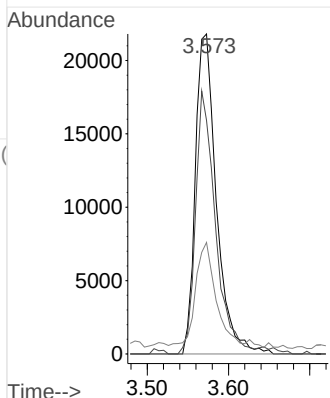
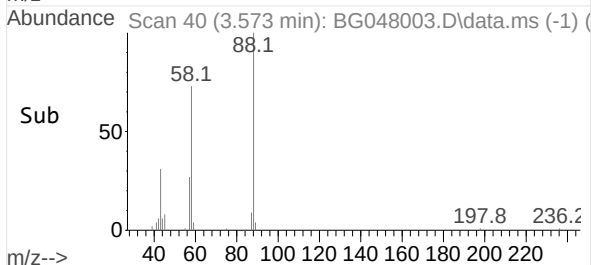
Tgt Ion:152 Resp: 47627  
 Ion Ratio Lower Upper  
 152 100  
 150 158.0 125.0 187.6  
 115 51.6 41.8 62.6



#2  
 1,4-Dioxane  
 Concen: 28.45 ng  
 RT: 3.573 min Scan# 40  
 Delta R.T. -0.000 min  
 Lab File: BG048003.D  
 Acq: 26 Jan 2021 11:26



Tgt Ion: 88 Resp: 39307  
 Ion Ratio Lower Upper  
 88 100  
 58 77.7 61.6 92.4  
 43 28.6 21.3 31.9

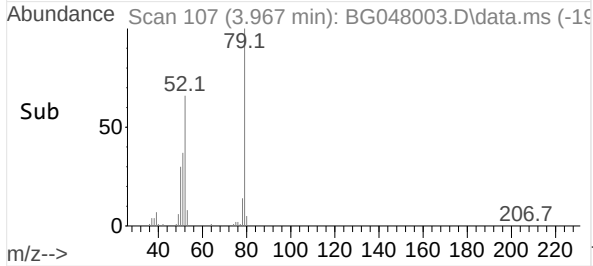
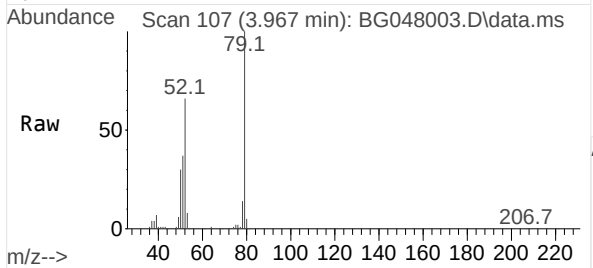
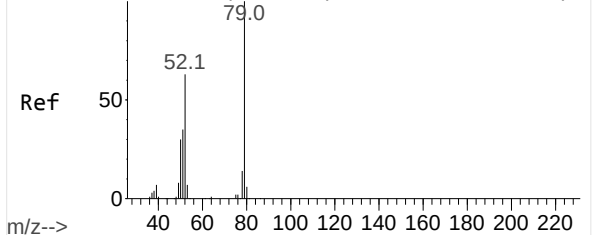


Instrument :  
 BNA\_G  
 ClientSampled :  
 PB134302BS

Manual Integrations  
 APPROVED

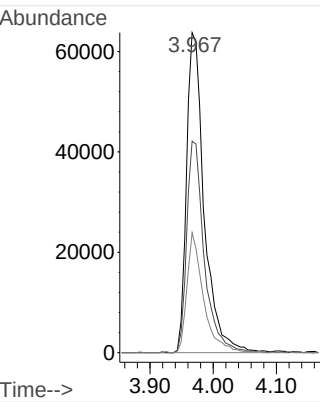
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Abundance Scan 109 (3.978 min): BG047993.D\data.ms (-10)



#3  
Pyridine  
Concen: 29.83 ng  
RT: 3.967 min Scan# 107  
Delta R.T. -0.012 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26

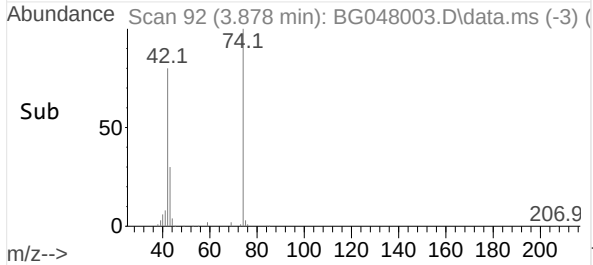
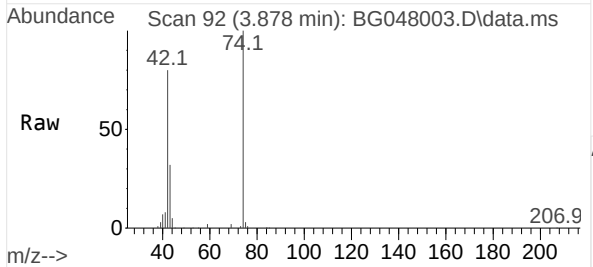
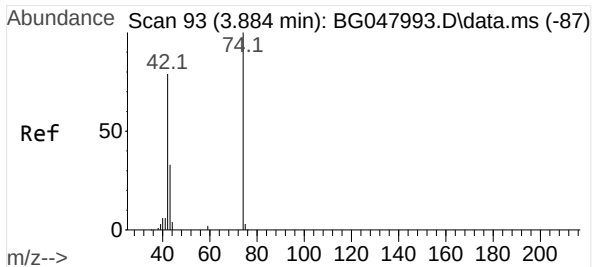
|             |              |
|-------------|--------------|
| Tgt Ion: 79 | Resp: 123693 |
| Ion Ratio   | Lower Upper  |
| 79 100      |              |
| 52 66.1     | 61.3 91.9    |
| 51 37.5     | 28.4 42.6    |



Instrument :  
BNA\_G  
ClientSampleId :  
PB134302BS

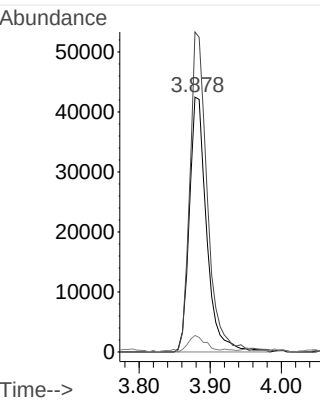
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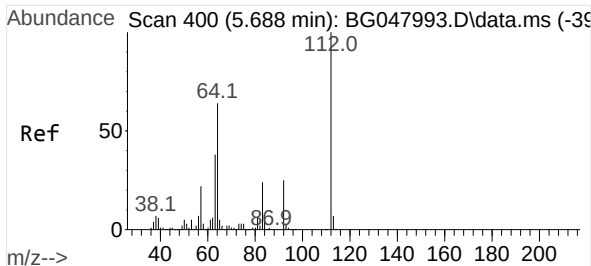
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#4  
n-Nitrosodimethylamine  
Concen: 37.40 ng  
RT: 3.878 min Scan# 92  
Delta R.T. -0.006 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26

|             |             |
|-------------|-------------|
| Tgt Ion: 42 | Resp: 71667 |
| Ion Ratio   | Lower Upper |
| 42 100      |             |
| 74 125.5    | 120.4 180.6 |
| 44 6.5      | 6.2 9.2     |





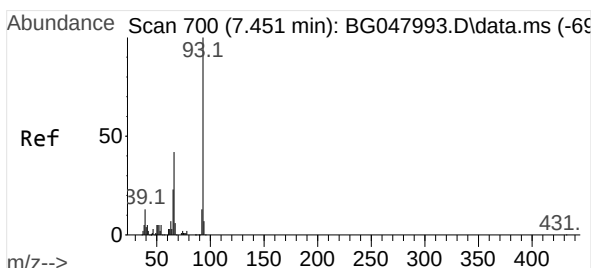
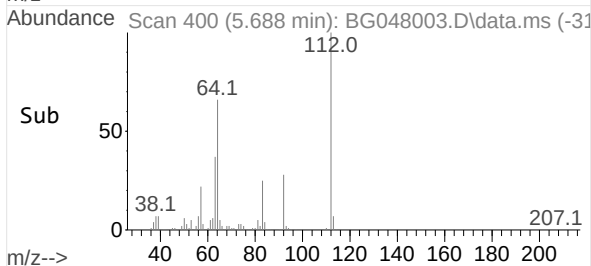
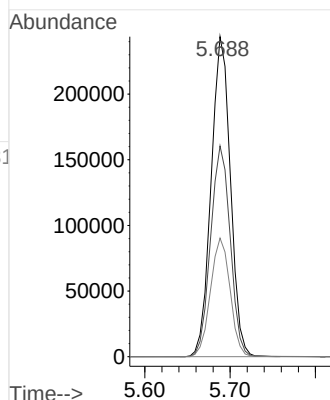
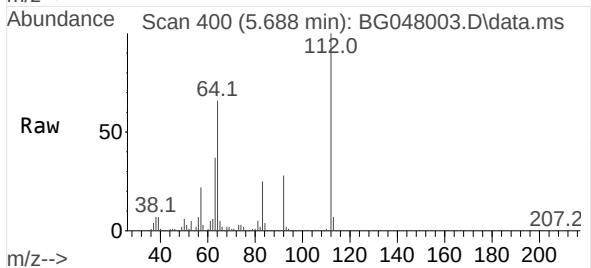
#5  
2-Fluorophenol  
Concen: 123.43 ng  
RT: 5.688 min Scan# 400  
Delta R.T. -0.000 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26

Tgt Ion:112 Resp: 382514  
Ion Ratio Lower Upper  
112 100  
64 65.9 46.7 70.1  
63 37.1 22.8 34.2#

Instrument :  
BNA\_G  
ClientSampleId :  
PB134302BS

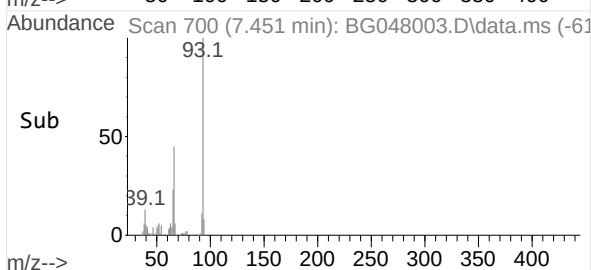
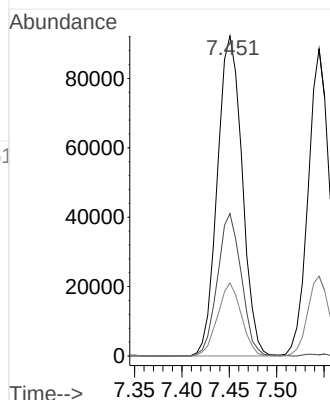
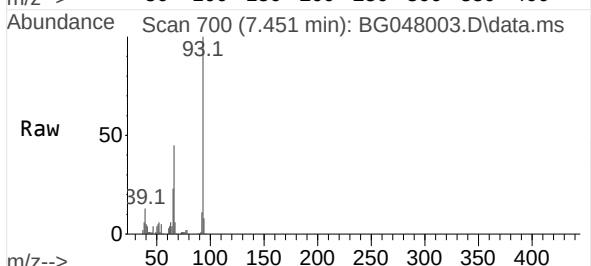
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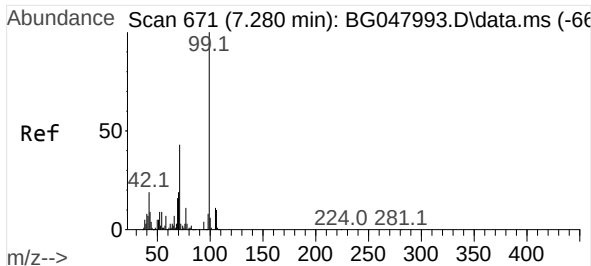
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#6  
Aniline  
Concen: 29.47 ng  
RT: 7.451 min Scan# 700  
Delta R.T. -0.000 min  
Lab File: BG048003.D  
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Tgt Ion: 93 Resp: 167735  
Ion Ratio Lower Upper  
93 100  
66 44.5 29.5 44.3#  
65 22.8 15.5 23.3





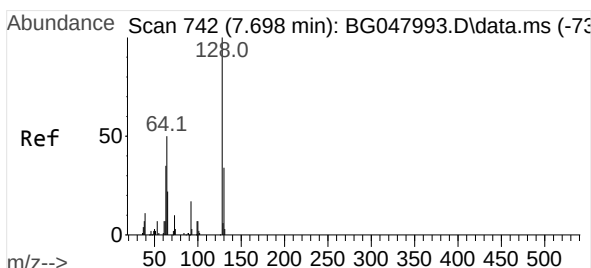
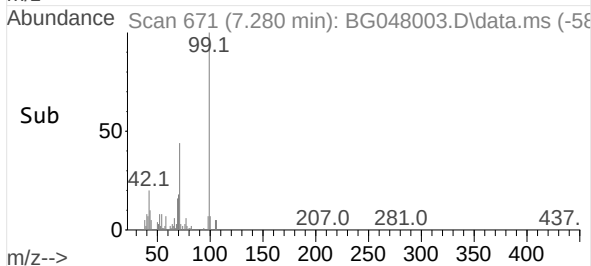
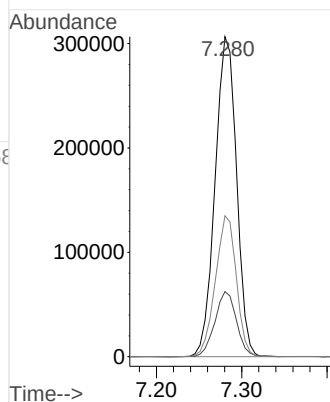
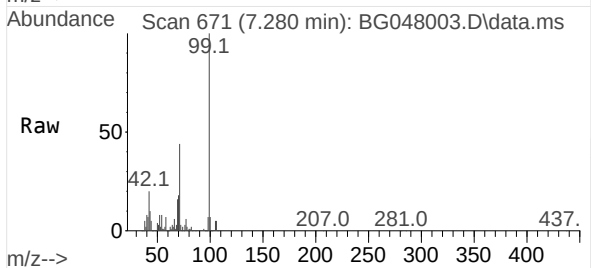
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Phenol-d6  
Concen: 113.93 ng  
RT: 7.280 min Scan# 671  
Delta R.T. -0.000 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26

Tgt Ion: 99 Resp: 536797  
Ion Ratio Lower Upper  
99 100  
42 20.3 12.8 19.2#  
71 44.1 24.6 36.8#

Instrument :  
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ClientSampleId :  
PB134302BS

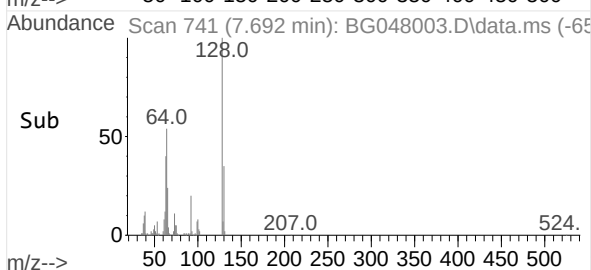
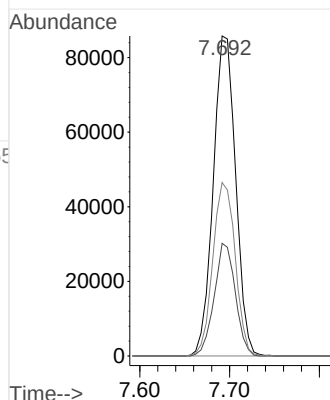
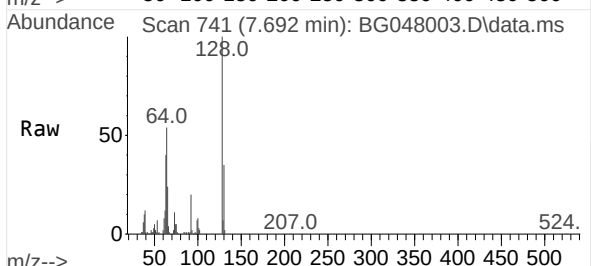
Manual Integrations  
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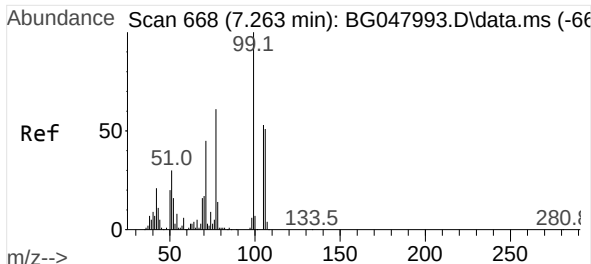
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#8  
2-Chlorophenol  
Concen: 45.76 ng  
RT: 7.692 min Scan# 741  
Delta R.T. -0.006 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26

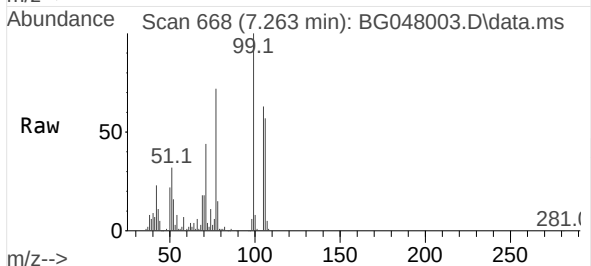
Tgt Ion:128 Resp: 148454  
Ion Ratio Lower Upper  
128 100  
130 35.2 12.6 52.6  
64 54.2 24.8 64.8





#9  
Benzaldehyde  
Concen: 39.96 ng  
RT: 7.263 min Scan# 668  
Delta R.T. -0.000 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26

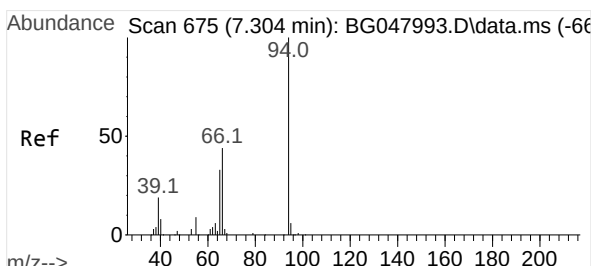
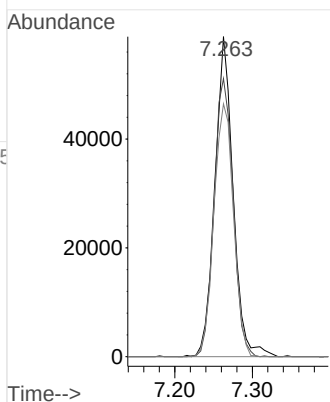
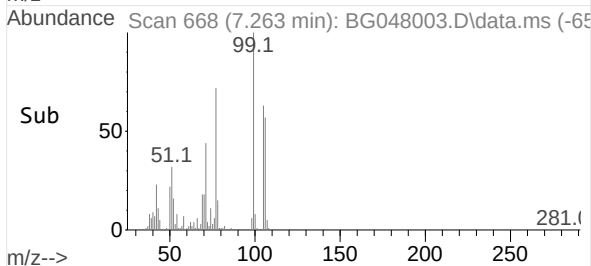
Instrument :  
BNA\_G  
ClientSampleId :  
PB134302BS



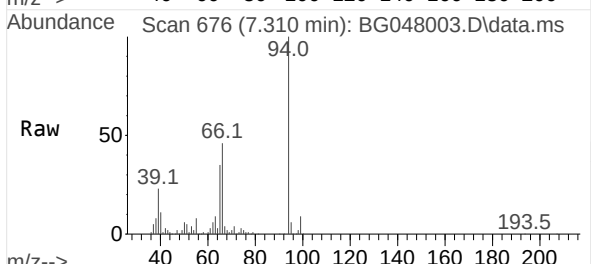
Tgt Ion: 77 Resp: 96592  
Ion Ratio Lower Upper  
77 100  
105 86.9 85.9 125.9  
106 79.0 80.9 120.9#

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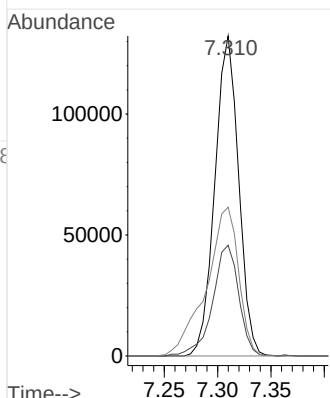
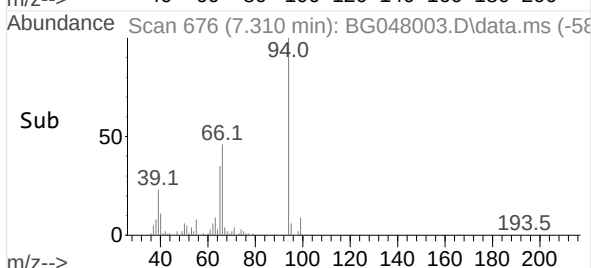
mohammad  
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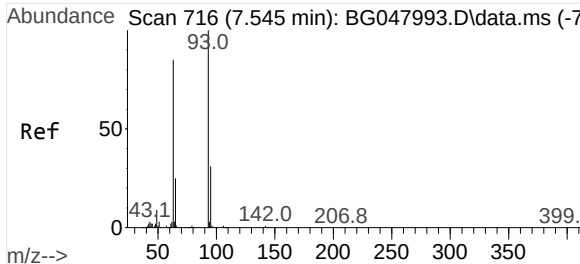
#10  
Phenol  
Concen: 45.29 ng  
RT: 7.310 min Scan# 676  
Delta R.T. 0.006 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26



Tgt Ion: 94 Resp: 204531  
Ion Ratio Lower Upper  
94 100  
65 34.6 6.6 46.6  
66 46.5 13.9 53.9







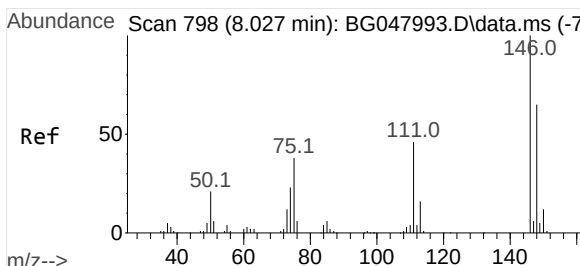
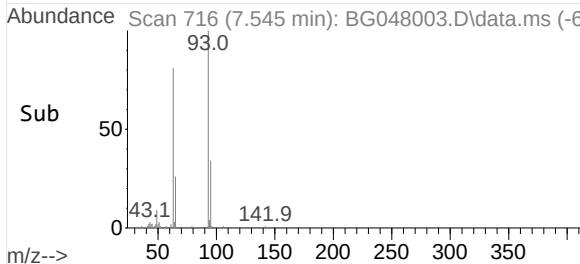
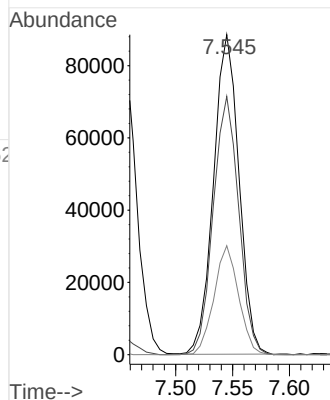
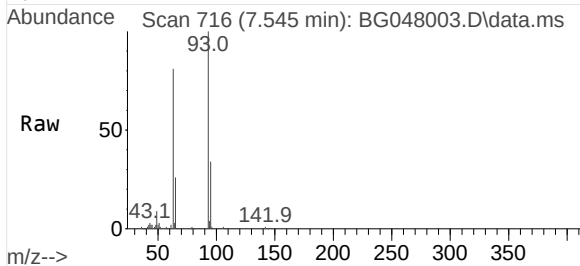
#11  
bis(2-Chloroethyl)ether  
Concen: 38.94 ng  
RT: 7.545 min Scan# 716  
Delta R.T. -0.000 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26

Tgt Ion: 93 Resp: 137740  
Ion Ratio Lower Upper  
93 100  
63 80.7 56.4 96.4  
95 34.1 13.8 53.8

Instrument :  
BNA\_G  
ClientSampleId :  
PB134302BS

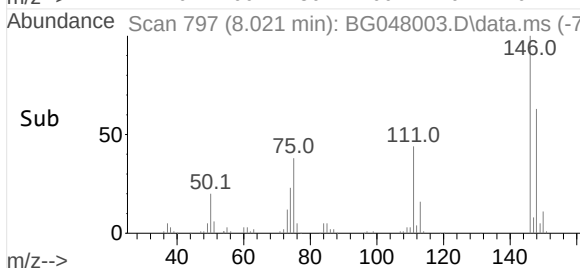
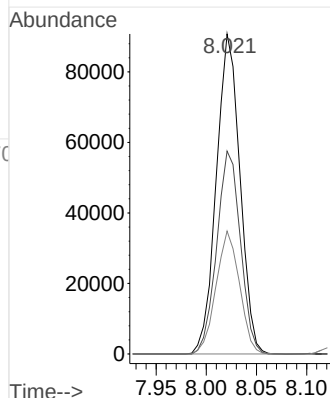
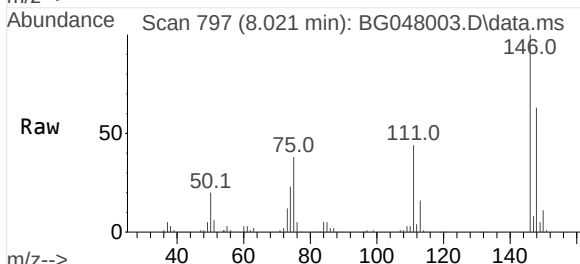
Manual Integrations  
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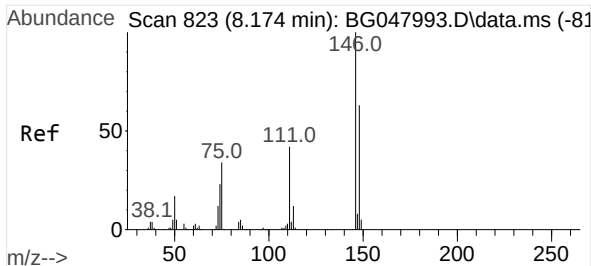
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#12  
1,3-Dichlorobenzene  
Concen: 37.87 ng  
RT: 8.021 min Scan# 797  
Delta R.T. -0.006 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26

Tgt Ion: 146 Resp: 148264  
Ion Ratio Lower Upper  
146 100  
148 63.4 50.1 75.1  
75 38.4 20.1 30.1#





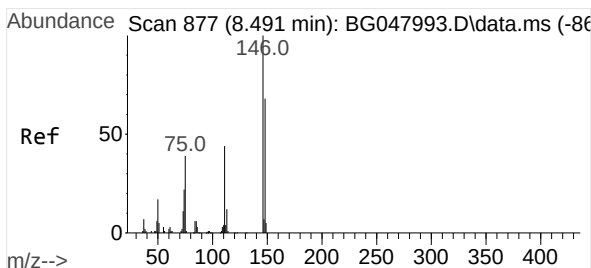
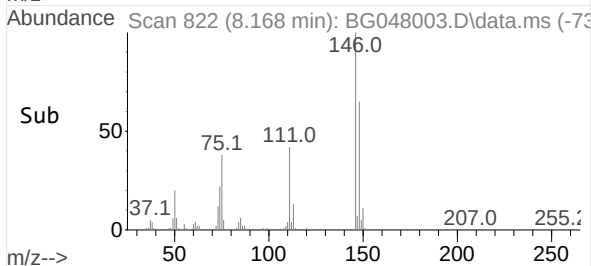
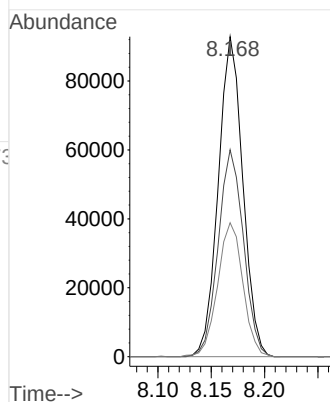
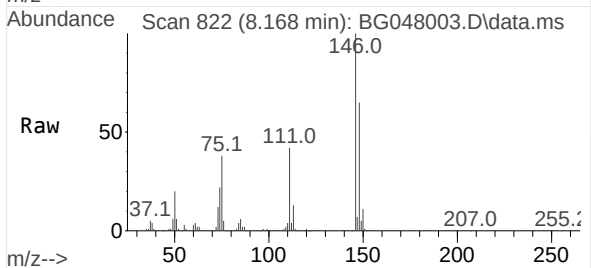
#13  
1,4-Dichlorobenzene  
Concen: 37.81 ng  
RT: 8.168 min Scan# 822  
Delta R.T. -0.006 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26

Tgt Ion:146 Resp: 148413  
Ion Ratio Lower Upper  
146 100  
148 64.7 51.1 76.7  
111 41.8 29.7 44.5

Instrument :  
BNA\_G  
ClientSampleId :  
PB134302BS

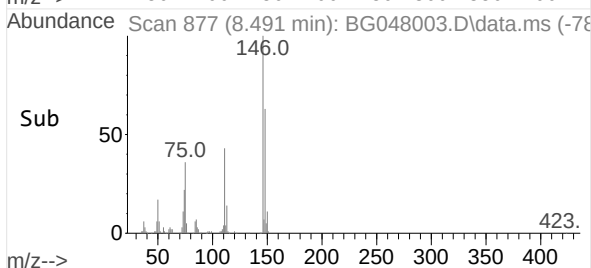
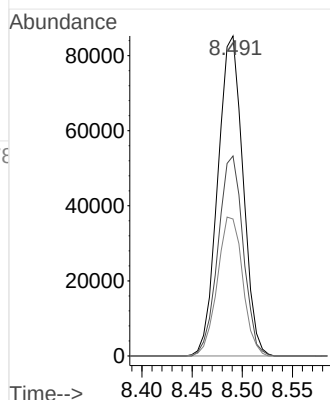
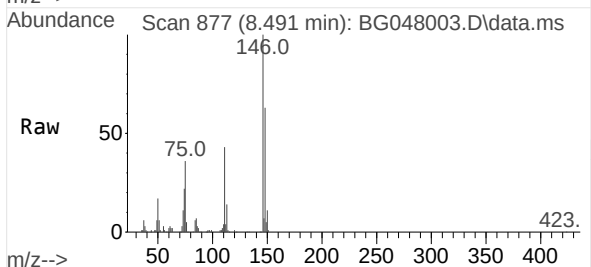
Manual Integrations  
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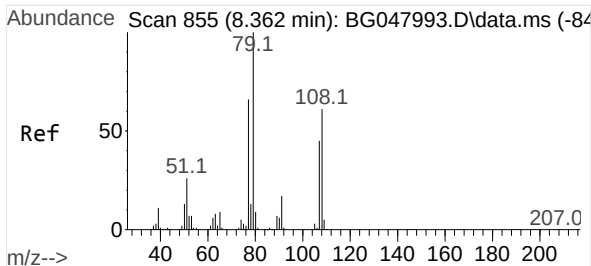
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#14  
1,2-Dichlorobenzene  
Concen: 39.63 ng  
RT: 8.491 min Scan# 877  
Delta R.T. -0.000 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26

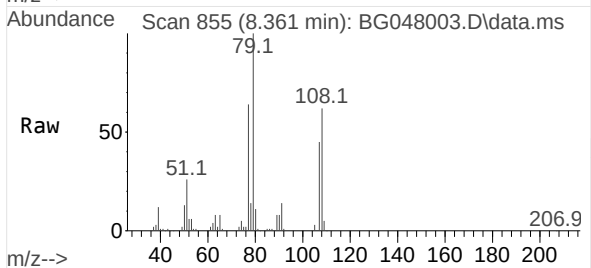
Tgt Ion:146 Resp: 148488  
Ion Ratio Lower Upper  
146 100  
148 62.5 53.0 79.6  
111 42.8 30.7 46.1





#15  
Benzyl Alcohol  
Concen: 42.53 ng  
RT: 8.361 min Scan# 855  
Delta R.T. -0.000 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26

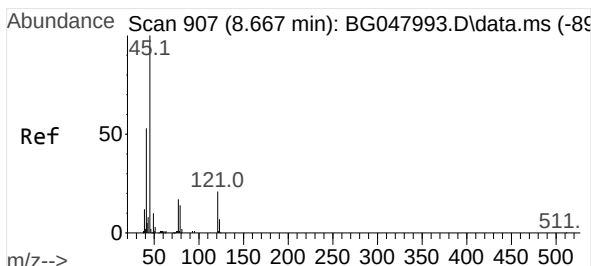
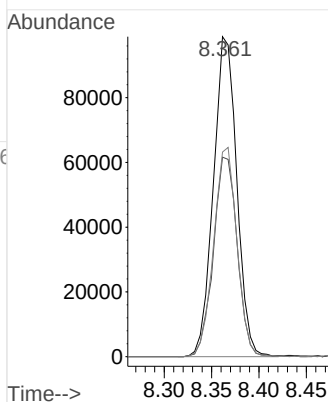
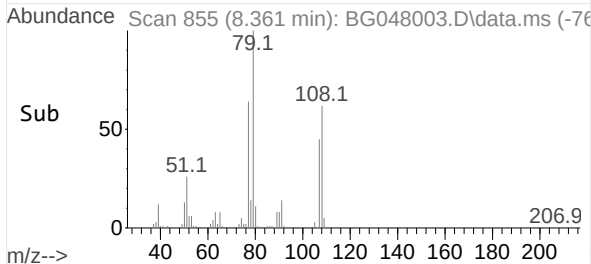
Instrument :  
BNA\_G  
ClientSampleID :  
PB134302BS



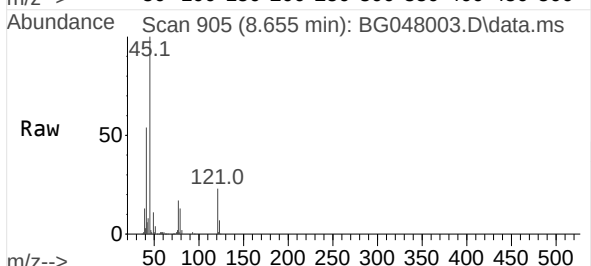
Tgt Ion: 79 Resp: 169566  
Ion Ratio Lower Upper  
79 100  
108 62.3 65.5 98.3#  
77 64.0 50.1 75.1

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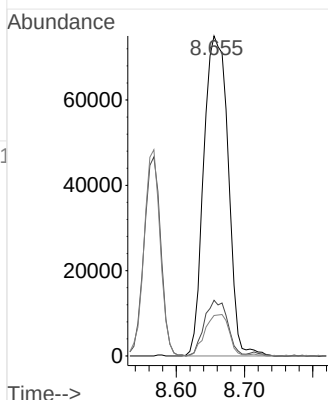
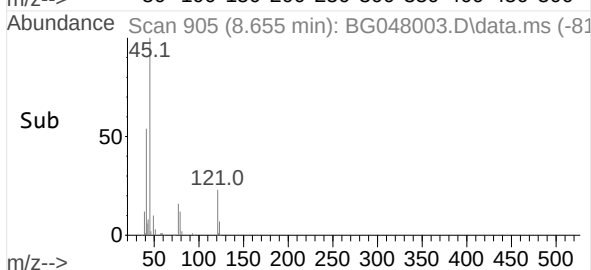
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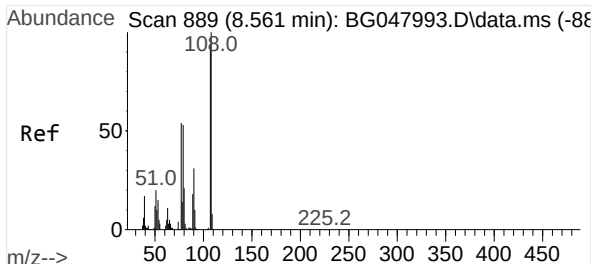


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 37.65 ng  
RT: 8.655 min Scan# 905  
Delta R.T. -0.012 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26



Tgt Ion: 45 Resp: 186888  
Ion Ratio Lower Upper  
45 100  
77 17.4 0.0 33.4  
79 12.7 0.0 30.8





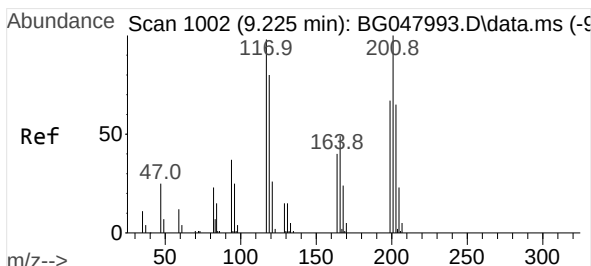
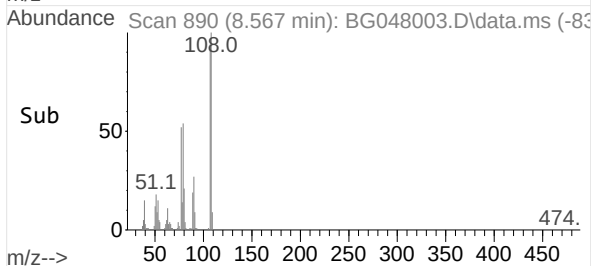
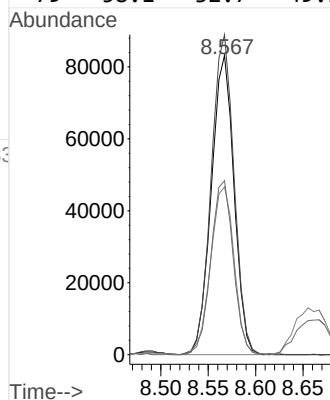
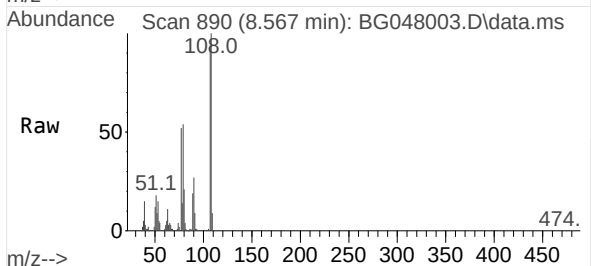
#17  
2-Methylphenol  
Concen: 45.42 ng  
RT: 8.567 min Scan# 890  
Delta R.T. 0.006 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26

Instrument :  
BNA\_G  
ClientSampleId :  
PB134302BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 138638 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 106.9 | 87.2  | 130.8  |
| 77        | 56.0  | 33.8  | 50.8#  |
| 79        | 58.1  | 32.7  | 49.1#  |

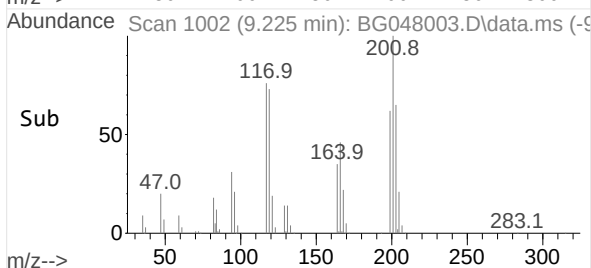
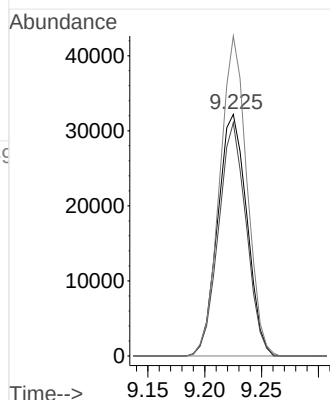
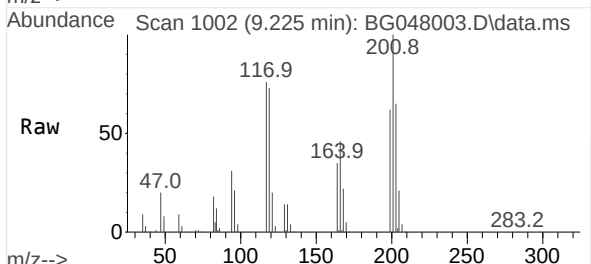
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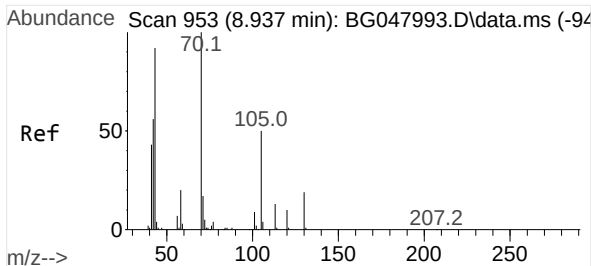
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#18  
Hexachloroethane  
Concen: 37.53 ng  
RT: 9.225 min Scan# 1002  
Delta R.T. -0.000 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 57464 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 96.6  | 77.5  | 116.3 |
| 201       | 132.4 | 104.9 | 157.3 |





#19

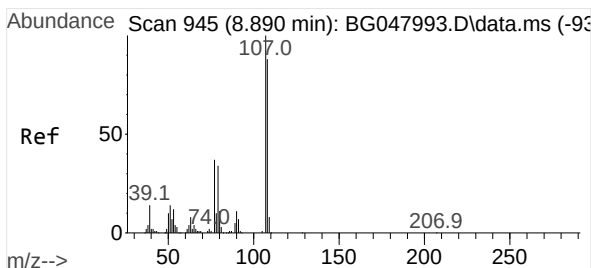
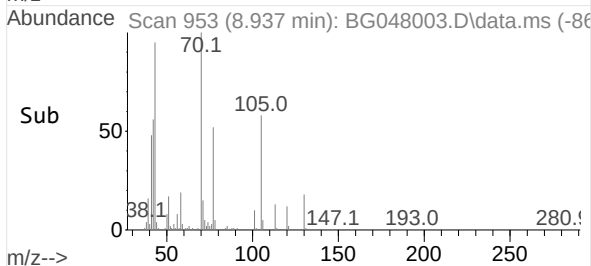
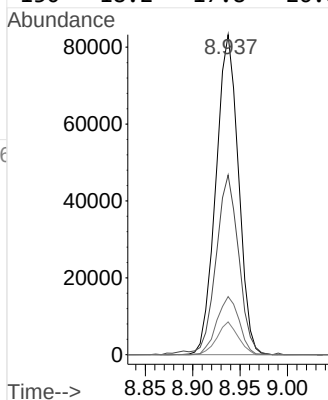
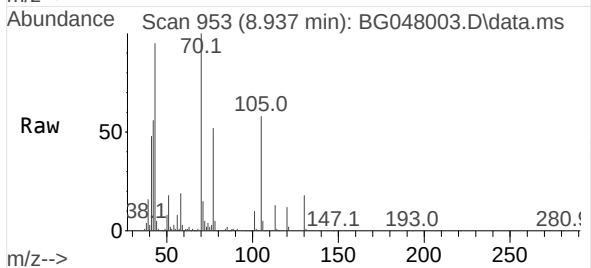
n-Nitroso-di-n-propylamine  
 Concen: 40.04 ng  
 RT: 8.937 min Scan# 953  
 Delta R.T. -0.000 min  
 Lab File: BG048003.D  
 Acq: 26 Jan 2021 11:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 137688 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 56.1  | 45.6  | 68.4   |
| 101      | 10.3  | 8.4   | 12.6   |
| 130      | 18.2  | 17.8  | 26.8   |

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB134302BS

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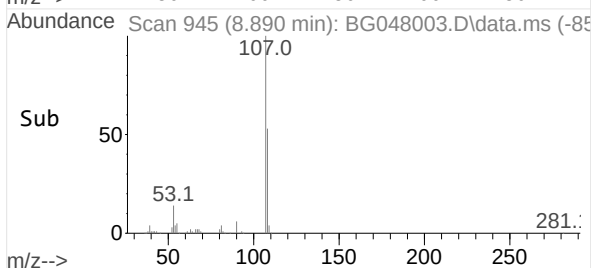
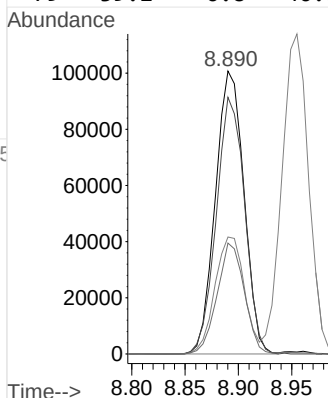
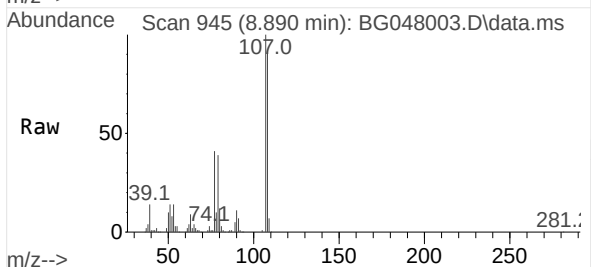
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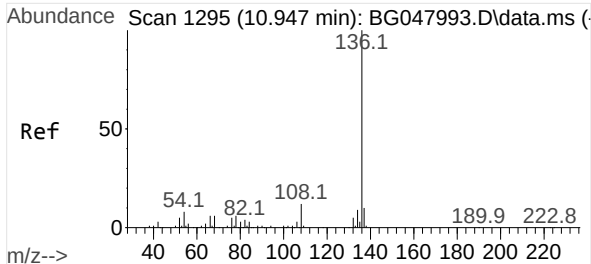


#20

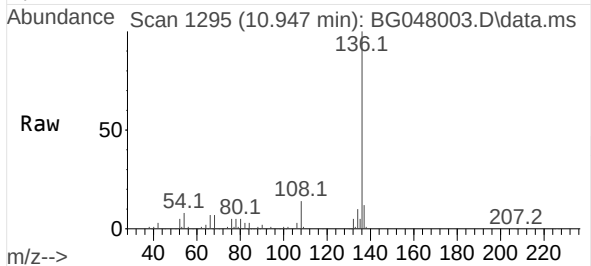
3+4-Methylphenols  
 Concen: 44.41 ng  
 RT: 8.890 min Scan# 945  
 Delta R.T. -0.000 min  
 Lab File: BG048003.D  
 Acq: 26 Jan 2021 11:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 187535 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 90.7  | 70.6  | 110.6  |
| 77       | 41.4  | 10.2  | 50.2   |
| 79       | 39.2  | 6.8   | 46.8   |

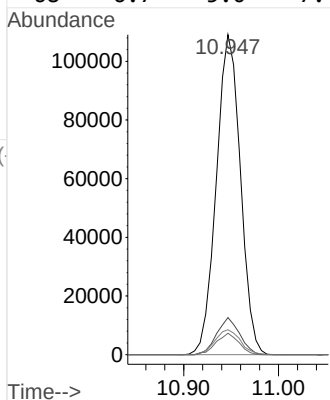
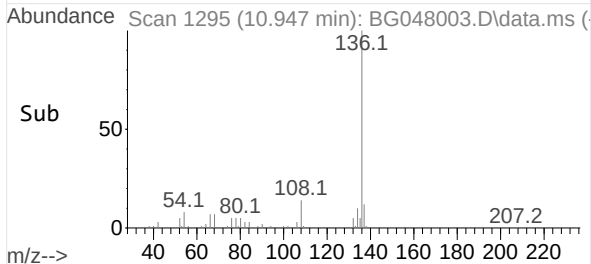




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.947 min Scan# 1295  
Delta R.T. -0.000 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26



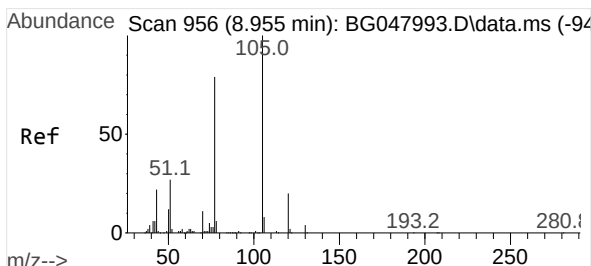
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 192497 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.6  | 9.1   | 13.7   |
| 54        | 7.8   | 6.2   | 9.4    |
| 68        | 6.7   | 5.0   | 7.4    |



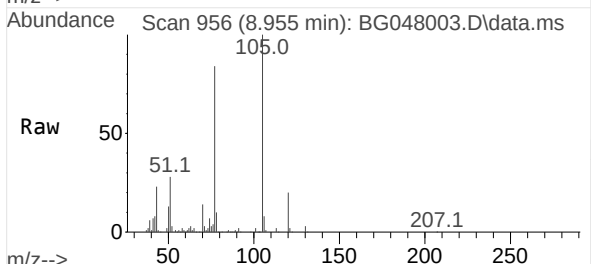
Instrument :  
BNA\_G  
ClientSampleId :  
PB134302BS

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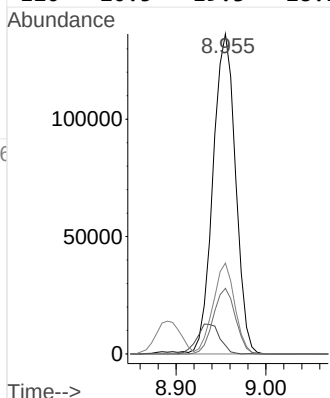
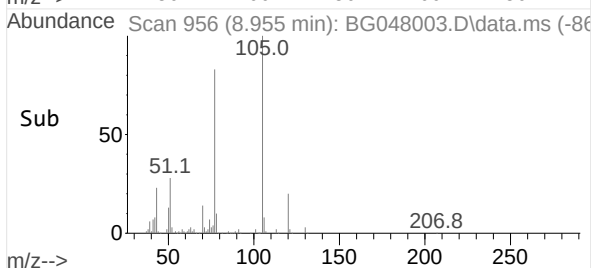
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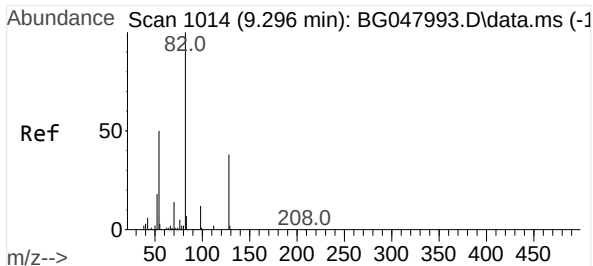


#22  
Acetophenone  
Concen: 40.08 ng  
RT: 8.955 min Scan# 956  
Delta R.T. -0.000 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 237774 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 2.7   | 2.7   | 4.1#   |
| 51        | 28.4  | 21.0  | 31.6   |
| 120       | 20.5  | 19.3  | 28.9   |





#23

Nitrobenzene-d5

Concen: 72.85 ng

RT: 9.296 min Scan# 1014

Delta R.T. -0.000 min

Lab File: BG048003.D

Acq: 26 Jan 2021 11:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 354412 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 35.5  | 37.0  | 55.6#  |
| 54       | 47.8  | 39.0  | 58.4   |

Instrument :

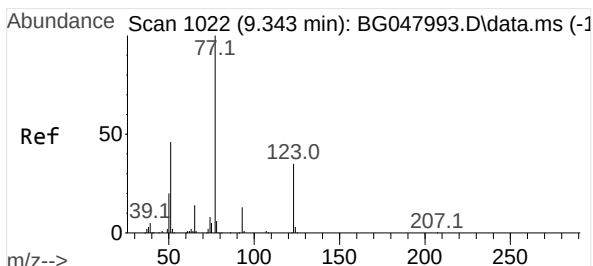
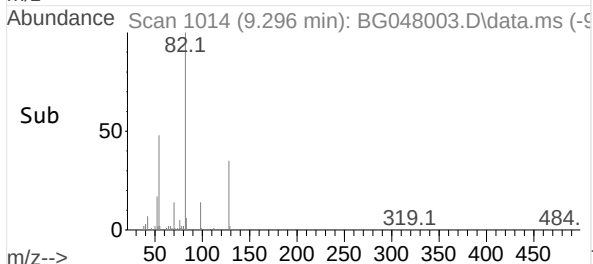
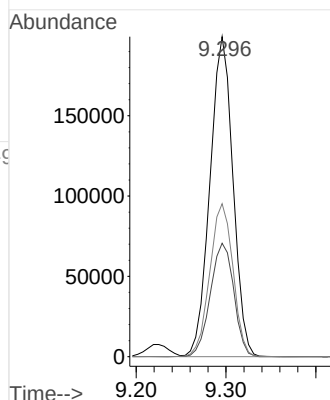
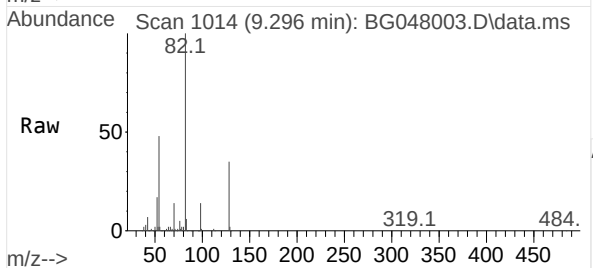
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ClientSampleId :

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#24

Nitrobenzene

Concen: 40.99 ng

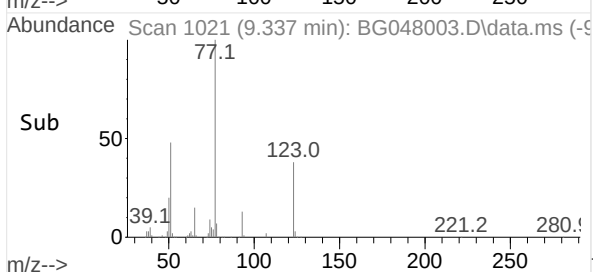
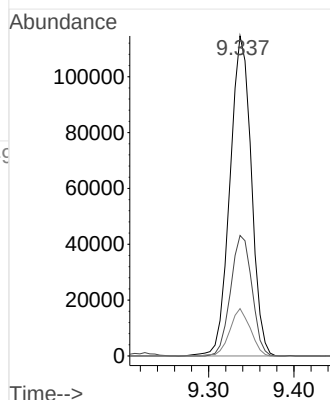
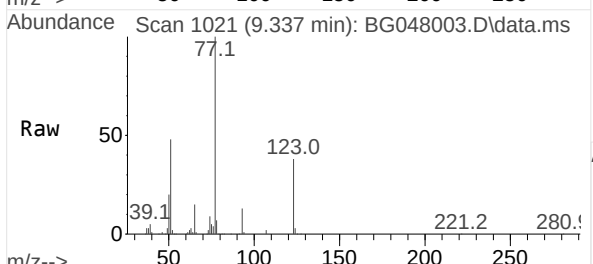
RT: 9.337 min Scan# 1021

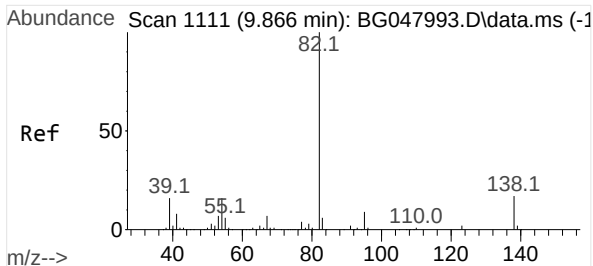
Delta R.T. -0.006 min

Lab File: BG048003.D

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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 199713 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 123      | 37.7  | 39.7  | 59.5#  |
| 65       | 14.8  | 10.4  | 15.6   |





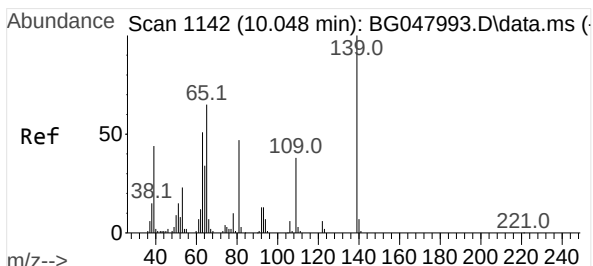
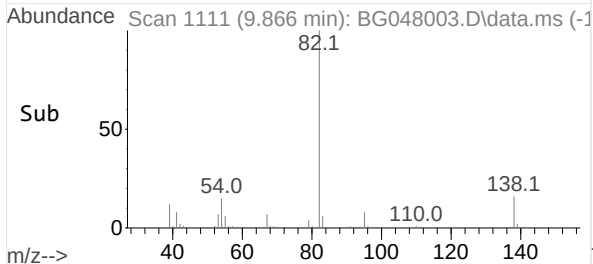
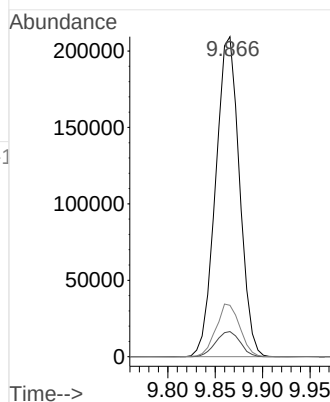
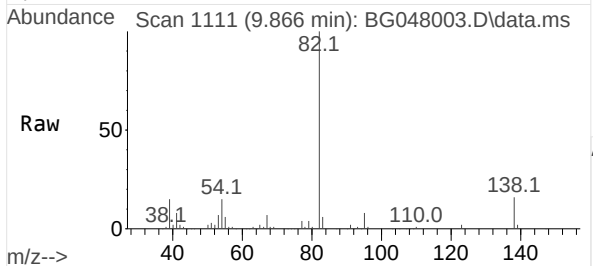
#25  
Isophorone  
Concen: 41.92 ng  
RT: 9.866 min Scan# 1111  
Delta R.T. -0.000 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26

Instrument :  
BNA\_G  
ClientSampled :  
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Tgt Ion: 82 Resp: 365950  
Ion Ratio Lower Upper  
82 100  
95 7.9 5.6 8.4  
138 16.1 15.8 23.6

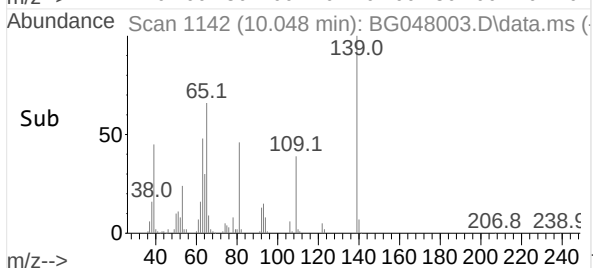
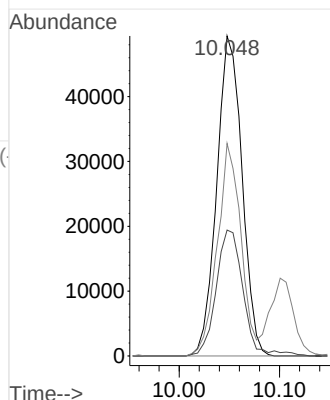
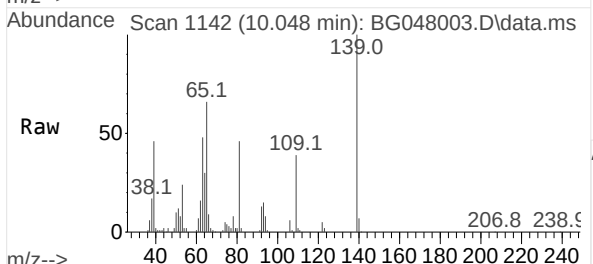
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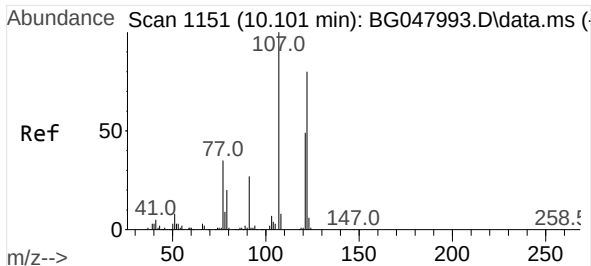


#26  
2-Nitrophenol  
Concen: 43.06 ng  
RT: 10.048 min Scan# 1142  
Delta R.T. -0.000 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26

Tgt Ion: 139 Resp: 86323  
Ion Ratio Lower Upper  
139 100  
109 39.4 20.7 31.1#  
65 66.4 36.1 54.1#

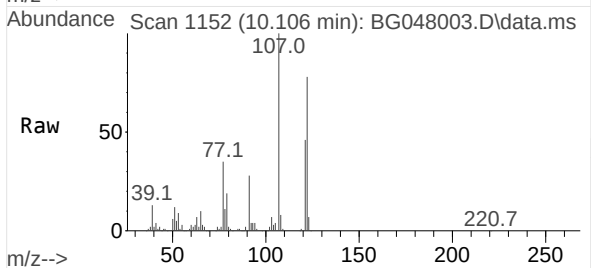






#27  
2,4-Dimethylphenol  
Concen: 51.05 ng  
RT: 10.106 min Scan# 1152  
Delta R.T. 0.006 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26

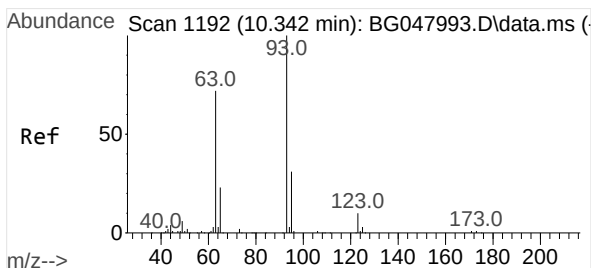
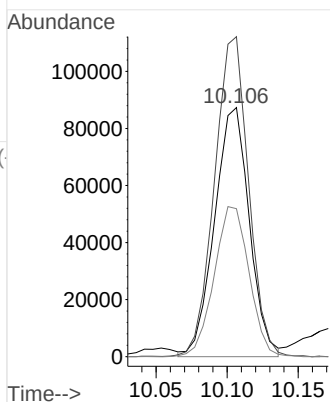
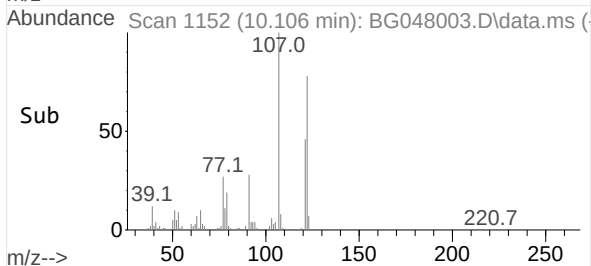
Instrument :  
BNA\_G  
ClientSampled :  
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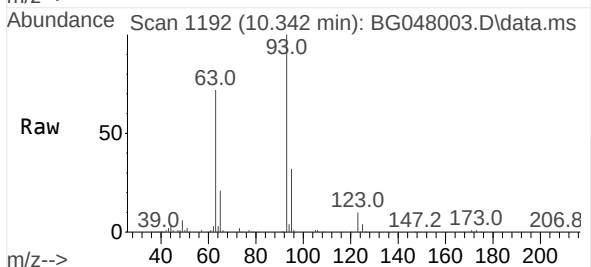
Tgt Ion:122 Resp: 148694  
Ion Ratio Lower Upper  
122 100  
107 128.4 89.2 133.8  
121 59.4 46.9 70.3

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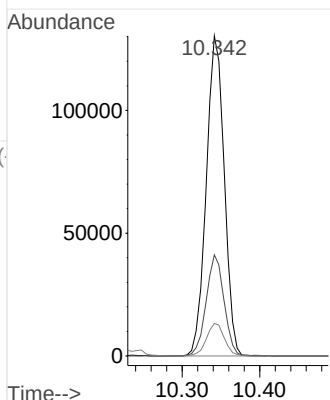
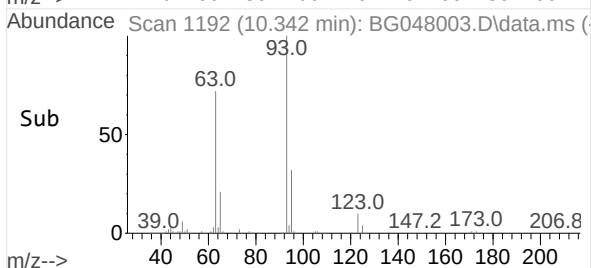
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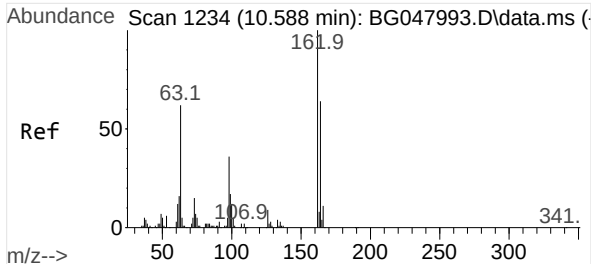


#28  
bis(2-Chloroethoxy)methane  
Concen: 40.03 ng  
RT: 10.342 min Scan# 1192  
Delta R.T. -0.000 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26



Tgt Ion: 93 Resp: 210274  
Ion Ratio Lower Upper  
93 100  
95 31.6 26.5 39.7  
123 10.1 9.4 14.0





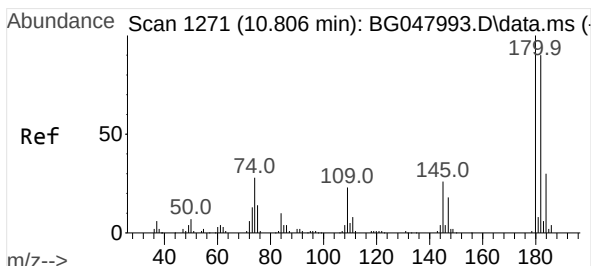
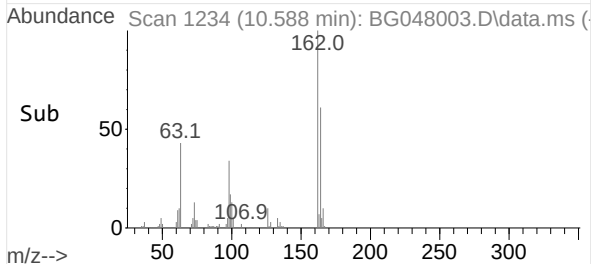
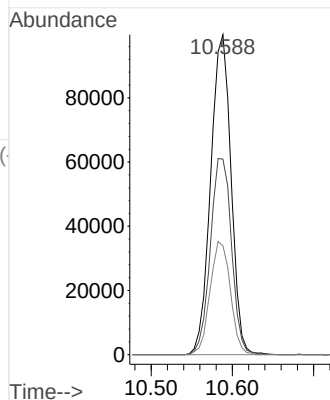
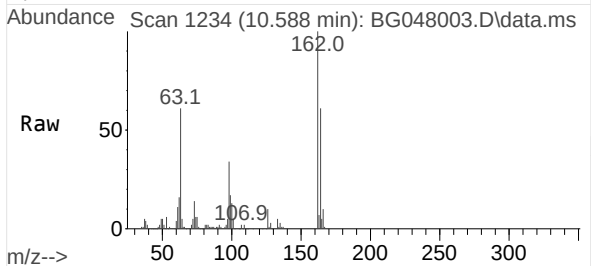
#29  
2,4-Dichlorophenol  
Concen: 46.33 ng  
RT: 10.588 min Scan# 1234  
Delta R.T. -0.000 min  
Lab File: BG048003.D  
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Tgt Ion:162 Resp: 173633  
Ion Ratio Lower Upper  
162 100  
164 61.1 45.6 85.6  
98 34.1 11.0 51.0

Instrument :  
BNA\_G  
ClientSampleId :  
PB134302BS

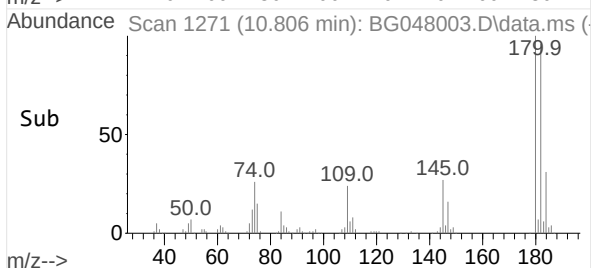
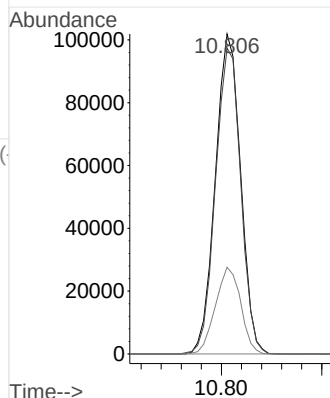
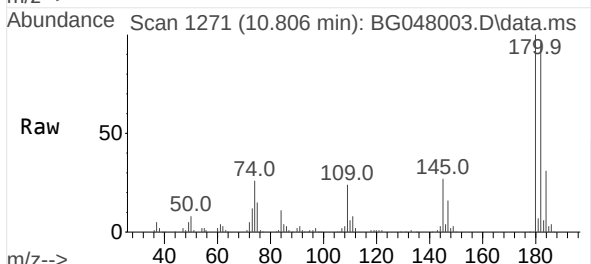
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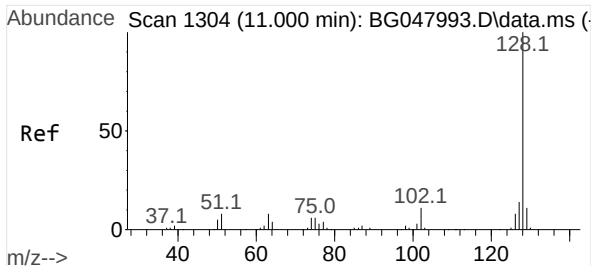
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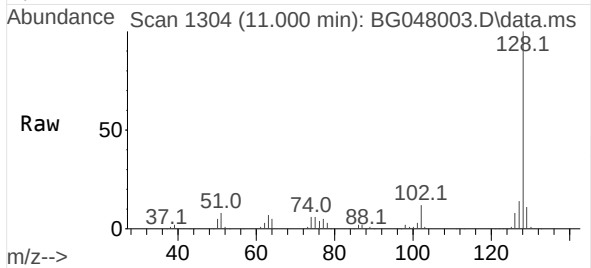
#30  
1,2,4-Trichlorobenzene  
Concen: 39.15 ng  
RT: 10.806 min Scan# 1271  
Delta R.T. -0.000 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26

Tgt Ion:180 Resp: 177379  
Ion Ratio Lower Upper  
180 100  
182 95.6 76.9 115.3  
145 27.1 21.4 32.0

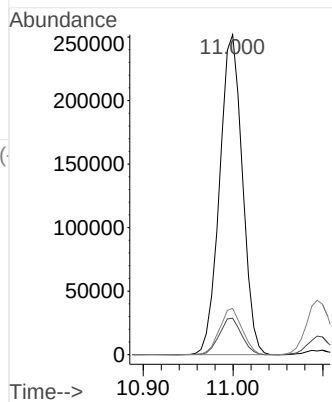
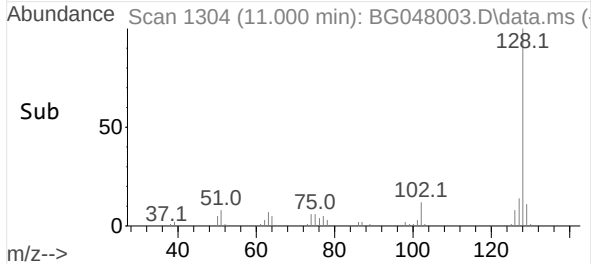




#31  
Naphthalene  
Concen: 39.80 ng  
RT: 11.000 min Scan# 1304  
Delta R.T. -0.000 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26



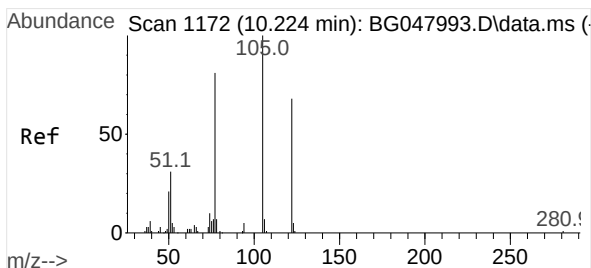
Tgt Ion:128 Resp: 443043  
Ion Ratio Lower Upper  
128 100  
129 11.4 9.0 13.6  
127 14.4 11.0 16.4



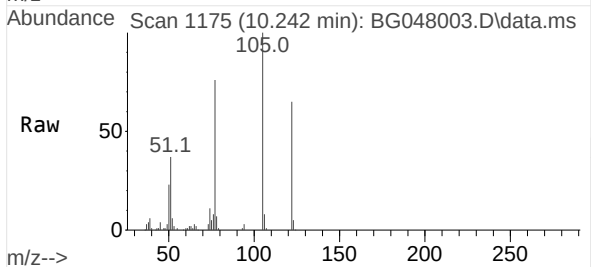
Instrument :  
BNA\_G  
ClientSampleId :  
PB134302BS

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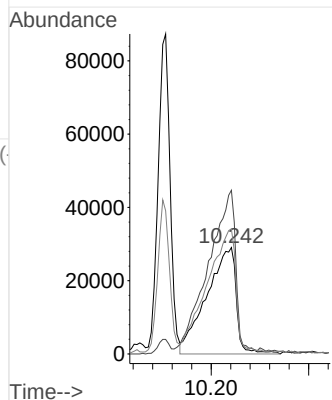
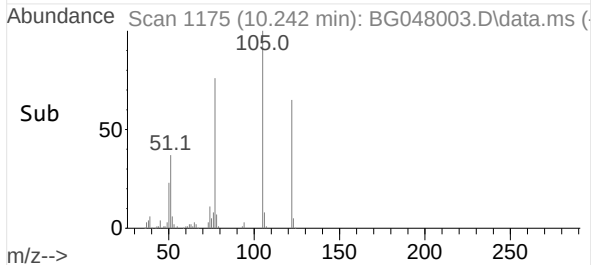
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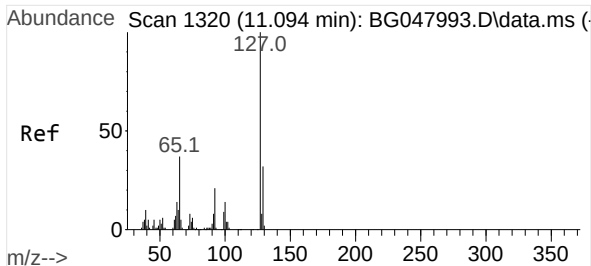


#32  
Benzoic acid  
Concen: 46.94 ng  
RT: 10.242 min Scan# 1175  
Delta R.T. 0.018 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26



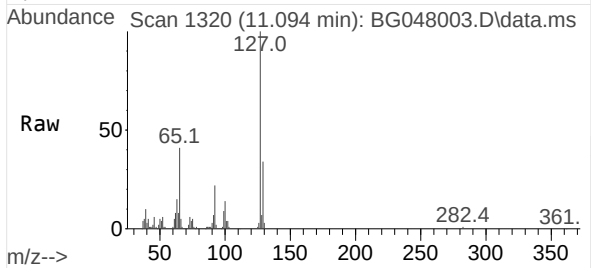
Tgt Ion:122 Resp: 122469  
Ion Ratio Lower Upper  
122 100  
105 153.9 103.7 143.7#  
77 117.4 63.0 103.0#





#33  
4-Chloroaniline  
Concen: 15.72 ng  
RT: 11.094 min Scan# 1320  
Delta R.T. -0.000 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26

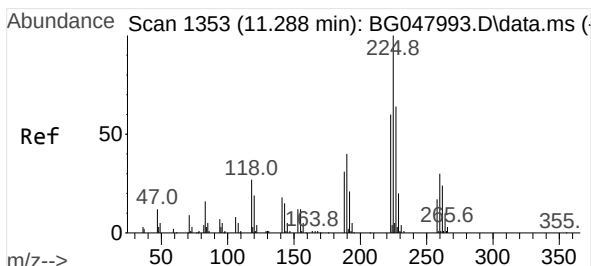
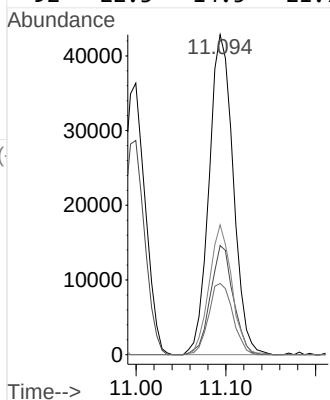
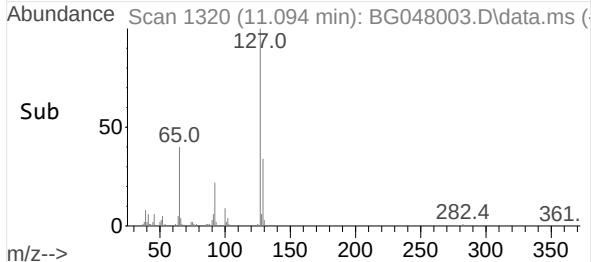
Instrument :  
BNA\_G  
ClientSampleId :  
PB134302BS



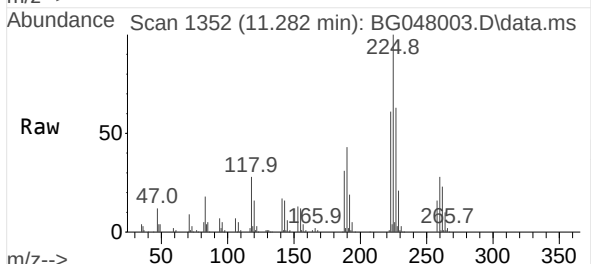
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 34.1  | 26.8  | 40.2  |
| 65      | 40.5  | 23.8  | 35.6# |
| 92      | 22.3  | 14.5  | 21.7# |

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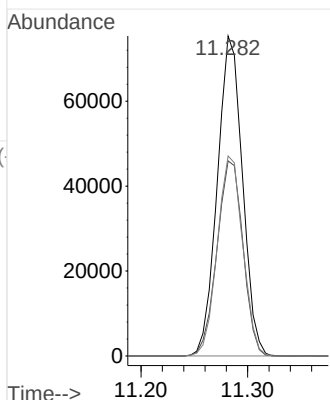
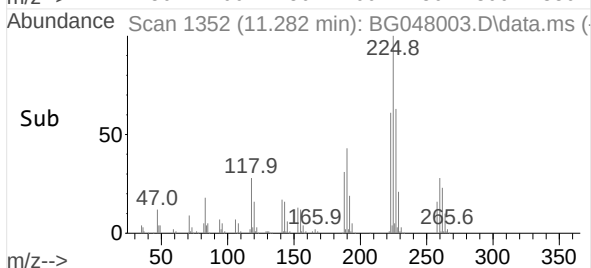
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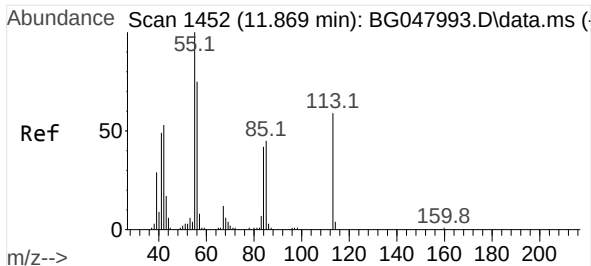


#34  
Hexachlorobutadiene  
Concen: 38.31 ng  
RT: 11.282 min Scan# 1352  
Delta R.T. -0.006 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26

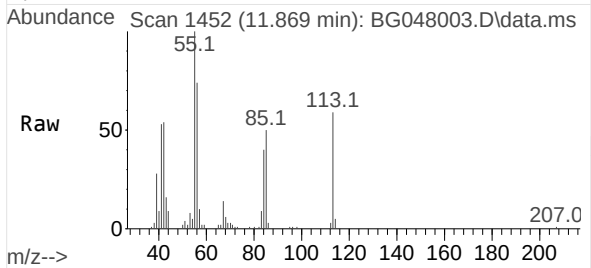


| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 60.9  | 49.5  | 74.3  |
| 227     | 62.5  | 52.0  | 78.0  |

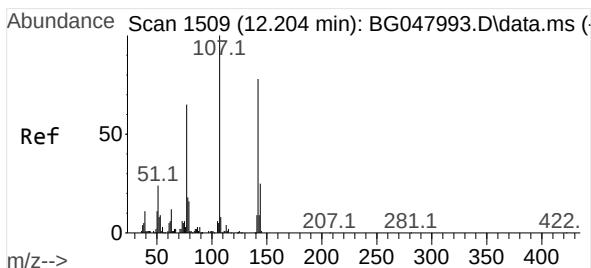
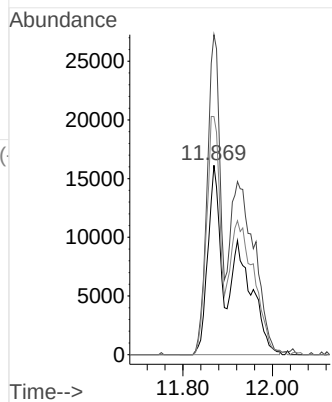
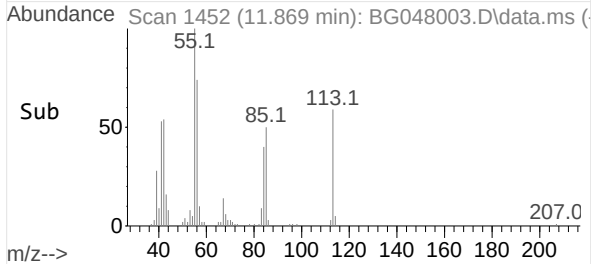




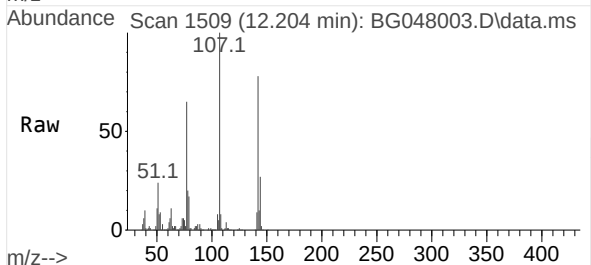
#35  
 Caprolactam  
 Concen: 44.08 ng m  
 RT: 11.869 min Scan# 1452  
 Delta R.T. -0.000 min  
 Lab File: BG048003.D  
 Acq: 26 Jan 2021 11:26



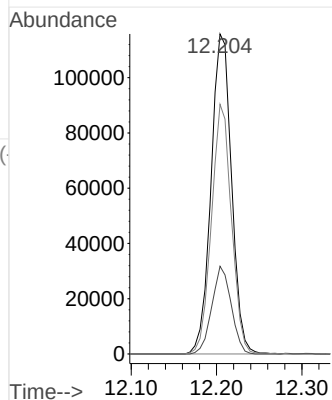
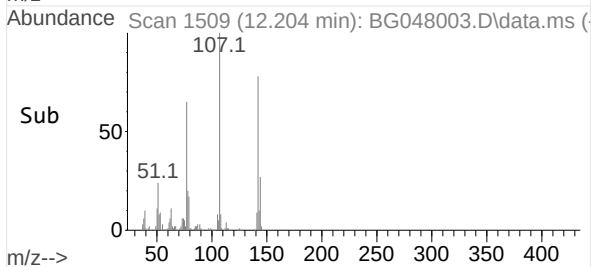
Tgt Ion:113 Resp: 62885  
 Ion Ratio Lower Upper  
 113 100  
 55 169.0 149.2 189.2  
 56 125.7 107.2 147.2



#36  
 4-Chloro-3-methylphenol  
 Concen: 46.02 ng  
 RT: 12.204 min Scan# 1509  
 Delta R.T. -0.000 min  
 Lab File: BG048003.D  
 Acq: 26 Jan 2021 11:26



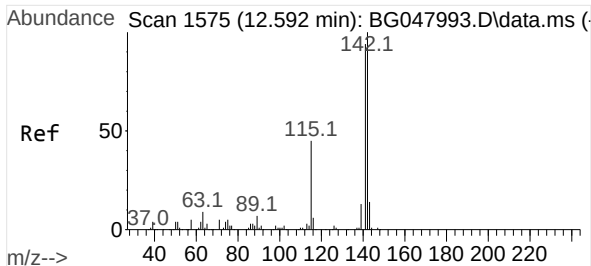
Tgt Ion:107 Resp: 193521  
 Ion Ratio Lower Upper  
 107 100  
 144 27.4 22.5 33.7  
 142 78.0 70.8 106.2



Instrument :  
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 ClientSampleId :  
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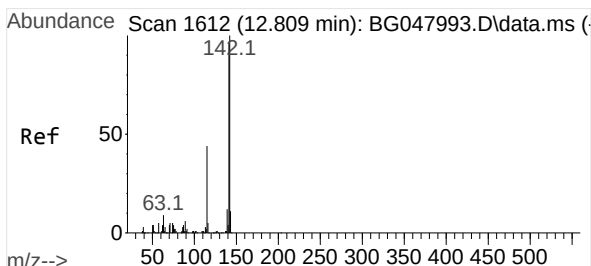
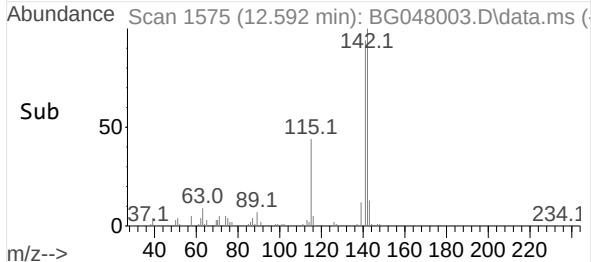
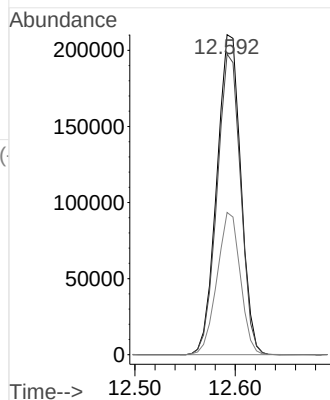
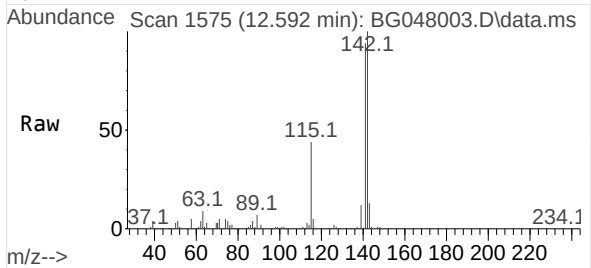
#37  
2-Methylnaphthalene  
Concen: 41.43 ng  
RT: 12.592 min Scan# 1575  
Delta R.T. -0.000 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 93.9  | 71.6  | 107.4 |
| 115     | 44.4  | 25.4  | 38.2# |

Instrument :  
BNA\_G  
ClientSampleId :  
PB134302BS

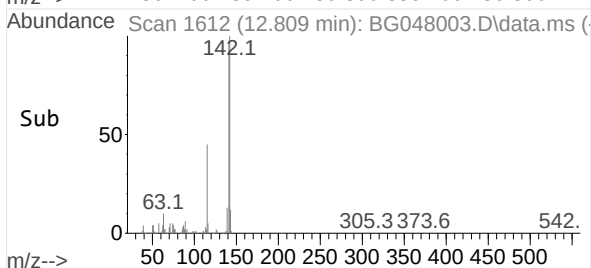
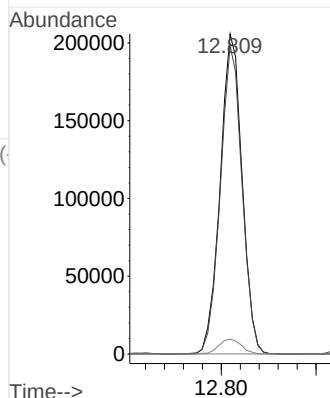
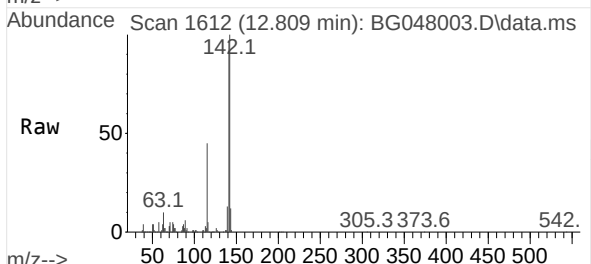
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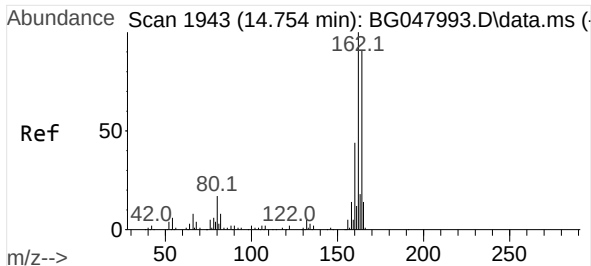
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#38  
1-Methylnaphthalene  
Concen: 41.17 ng  
RT: 12.809 min Scan# 1612  
Delta R.T. -0.000 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26

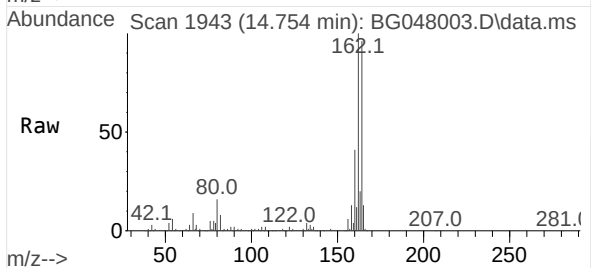
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 96.4  | 75.4  | 113.2 |
| 116     | 4.6   | 2.9   | 4.3#  |





#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.754 min Scan# 1943  
Delta R.T. -0.000 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26

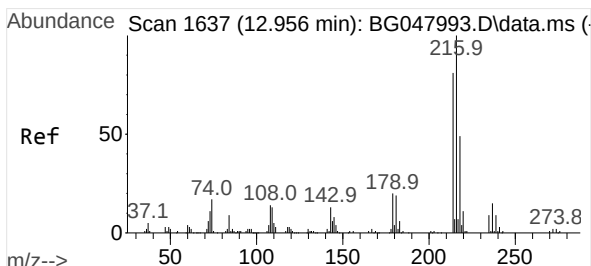
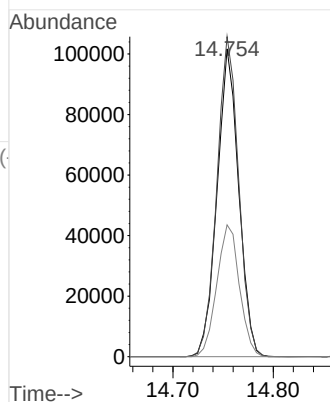
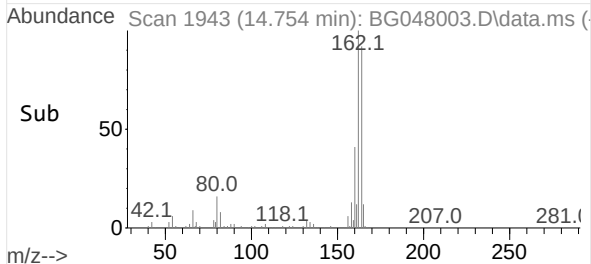
Instrument :  
BNA\_G  
ClientSampleId :  
PB134302BS



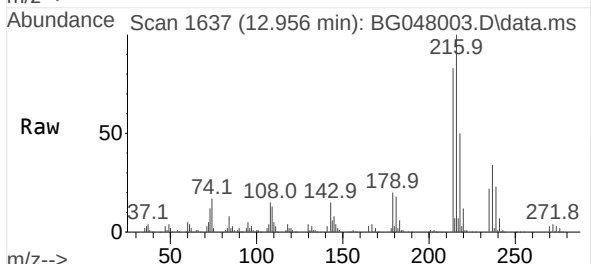
Tgt Ion:164 Resp: 152071  
Ion Ratio Lower Upper  
164 100  
162 104.0 82.3 123.5  
160 42.8 35.3 52.9

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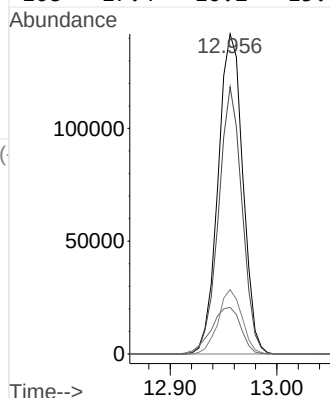
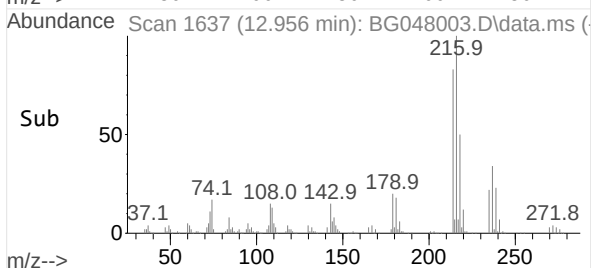
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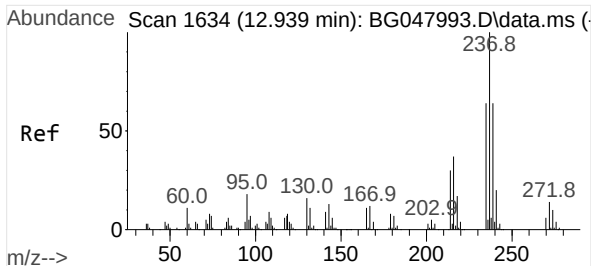


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.42 ng  
RT: 12.956 min Scan# 1637  
Delta R.T. -0.000 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26

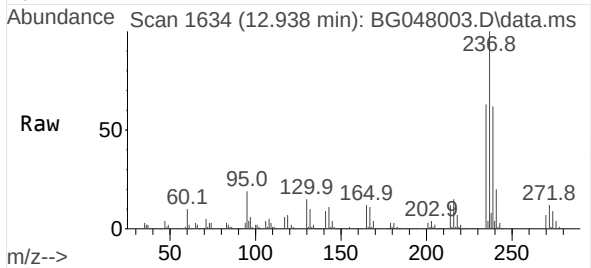


Tgt Ion:216 Resp: 228523  
Ion Ratio Lower Upper  
216 100  
214 79.2 61.9 92.9  
179 19.3 14.8 22.2  
108 17.4 10.2 15.4#

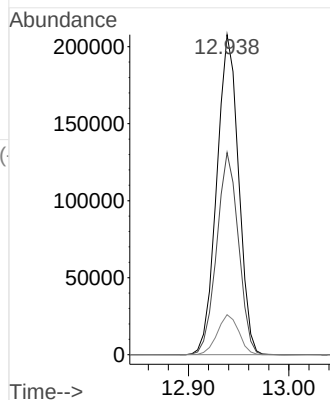
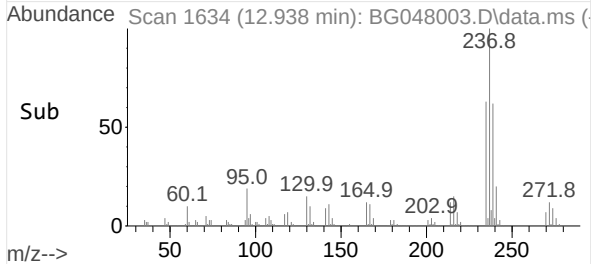




#41  
Hexachlorocyclopentadiene  
Concen: 95.36 ng  
RT: 12.938 min Scan# 1634  
Delta R.T. -0.000 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26



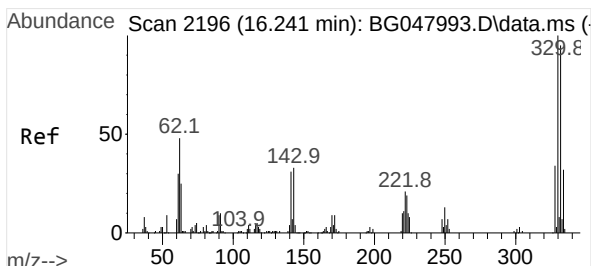
Tgt Ion:237 Resp: 313164  
Ion Ratio Lower Upper  
237 100  
235 63.1 43.1 83.1  
272 12.5 0.0 33.1



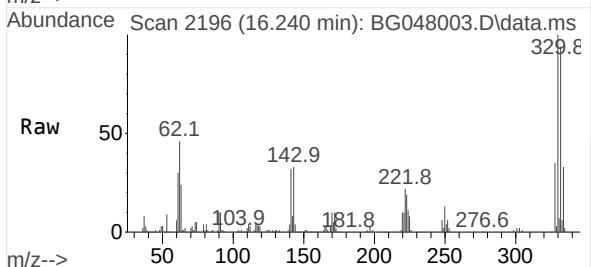
Instrument :  
BNA\_G  
ClientSampleId :  
PB134302BS

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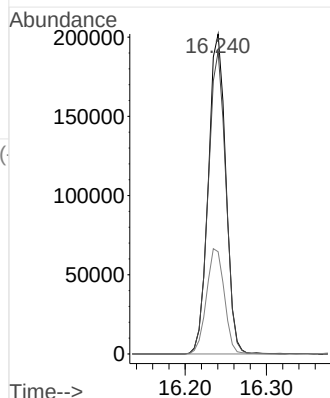
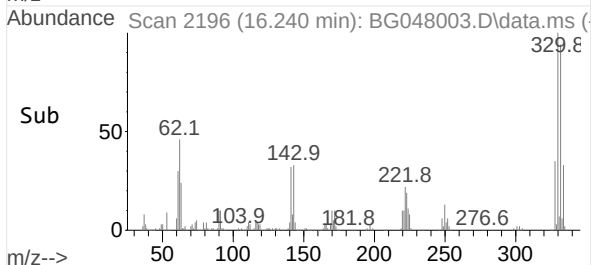
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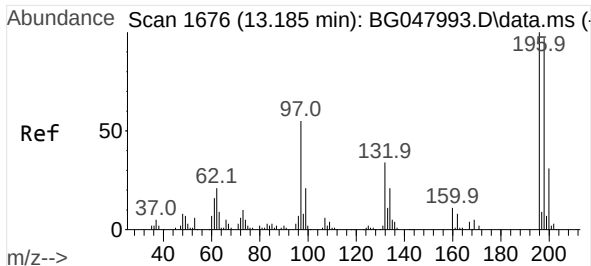
#42  
2,4,6-Tribromophenol  
Concen: 119.02 ng  
RT: 16.240 min Scan# 2196  
Delta R.T. -0.000 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26



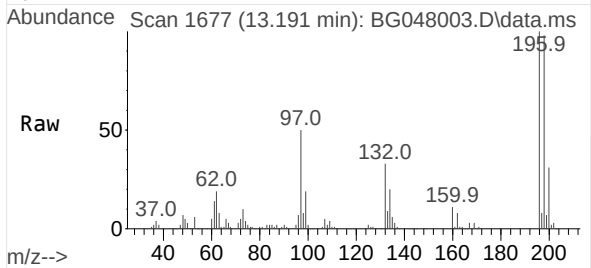
Tgt Ion:330 Resp: 301455  
Ion Ratio Lower Upper  
330 100  
332 95.2 76.5 114.7  
141 33.6 26.0 39.0







#43  
2,4,6-Trichlorophenol  
Concen: 43.09 ng  
RT: 13.191 min Scan# 1677  
Delta R.T. 0.006 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26

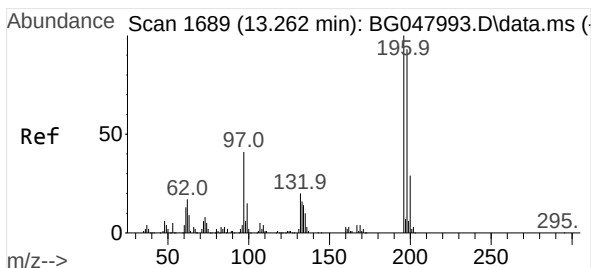
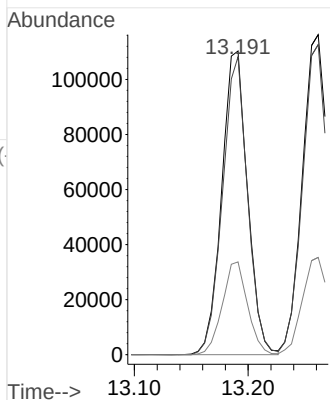


Tgt Ion:196 Resp: 174214  
Ion Ratio Lower Upper  
196 100  
198 98.1 74.9 112.3  
200 30.6 25.3 37.9

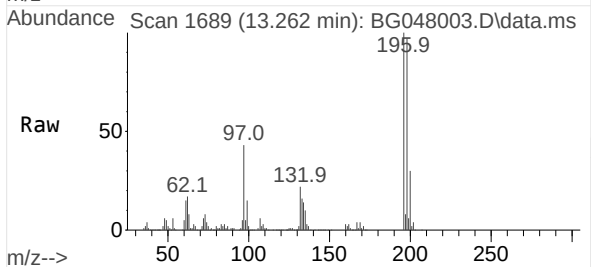
Instrument :  
BNA\_G  
ClientSampled :  
PB134302BS

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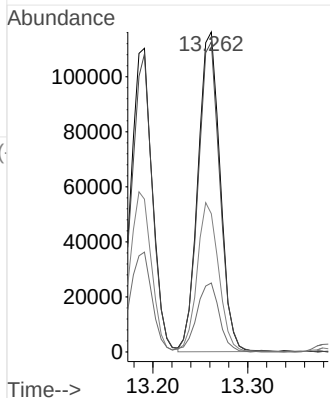
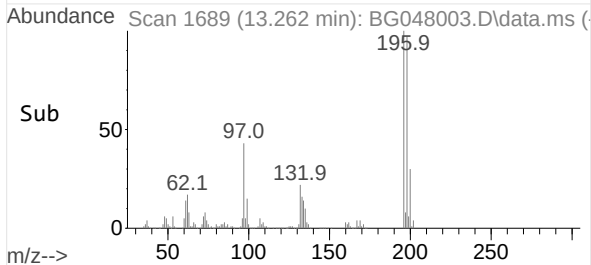
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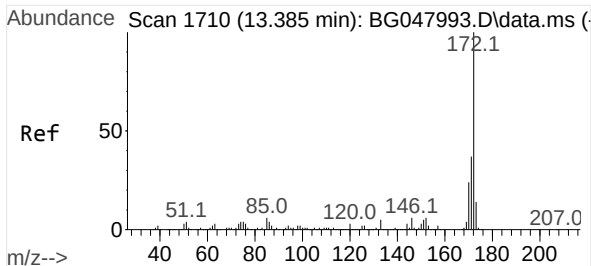


#44  
2,4,5-Trichlorophenol  
Concen: 44.83 ng  
RT: 13.262 min Scan# 1689  
Delta R.T. -0.000 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26



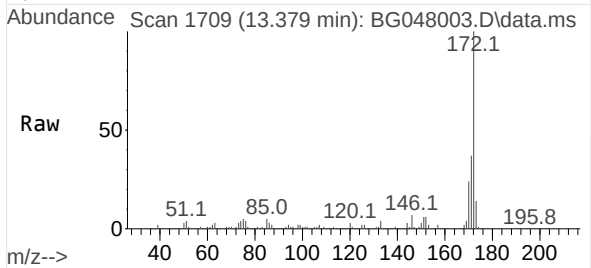
Tgt Ion:196 Resp: 187852  
Ion Ratio Lower Upper  
196 100  
198 96.9 77.6 116.4  
97 43.2 28.6 43.0#  
132 21.5 17.8 26.8





#45  
2-Fluorobiphenyl  
Concen: 70.95 ng  
RT: 13.379 min Scan# 1709  
Delta R.T. -0.006 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26

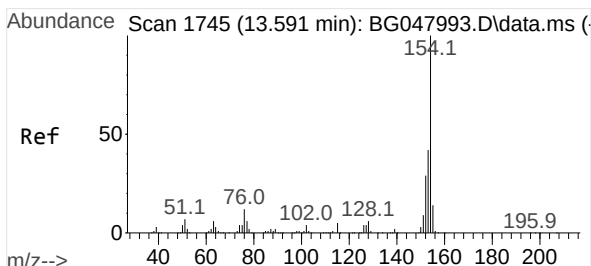
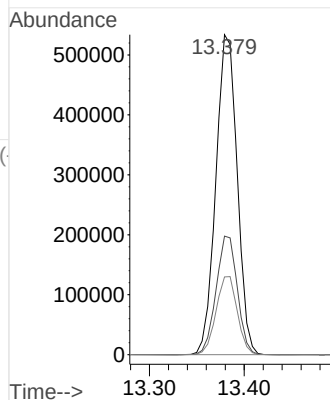
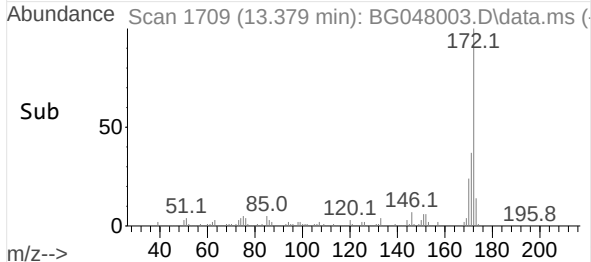
Instrument :  
BNA\_G  
ClientSampleId :  
PB134302BS



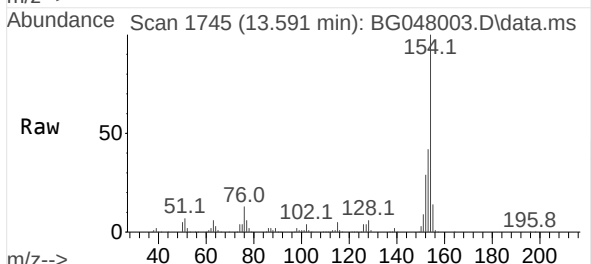
Tgt Ion:172 Resp: 834454  
Ion Ratio Lower Upper  
172 100  
171 37.0 31.3 46.9  
170 24.3 20.8 31.2

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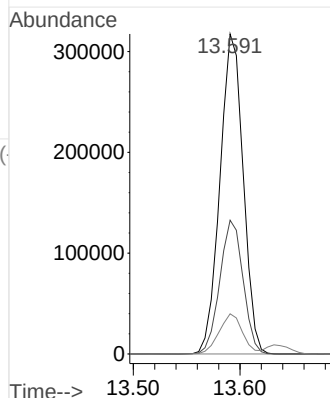
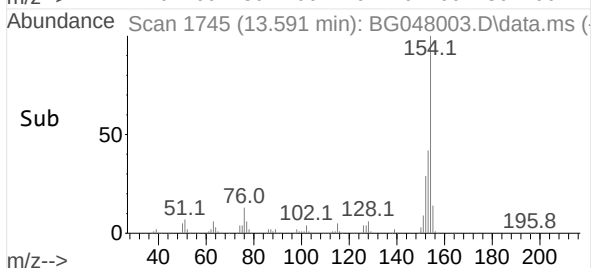
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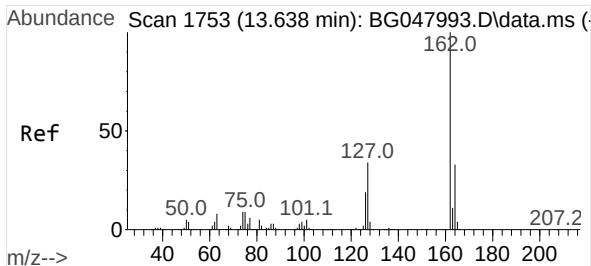


#46  
1,1'-Biphenyl  
Concen: 40.80 ng  
RT: 13.591 min Scan# 1745  
Delta R.T. -0.000 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26



Tgt Ion:154 Resp: 479668  
Ion Ratio Lower Upper  
154 100  
153 41.8 22.6 62.6  
76 12.6 0.0 32.6





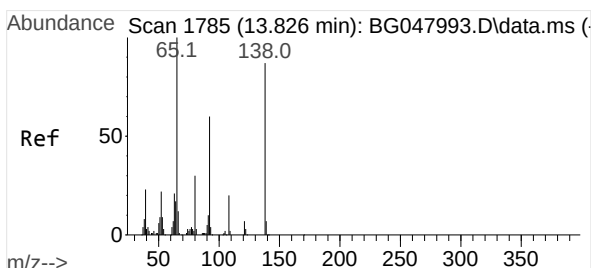
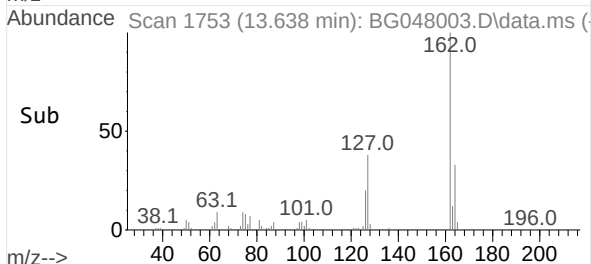
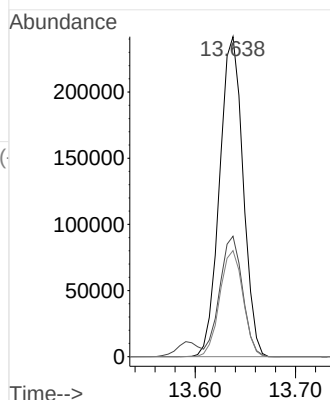
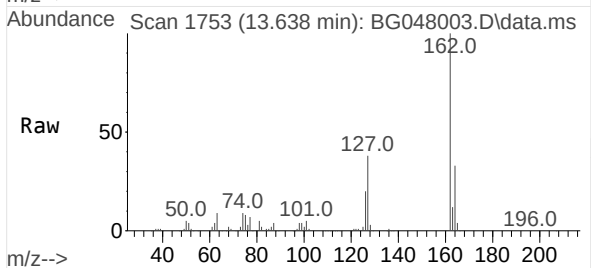
#47  
2-Chloronaphthalene  
Concen: 38.35 ng  
RT: 13.638 min Scan# 1753  
Delta R.T. -0.000 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26

Instrument :  
BNA\_G  
ClientSampleId :  
PB134302BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 392391 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 37.7  | 27.8  | 41.6   |
| 164       | 33.2  | 27.0  | 40.4   |

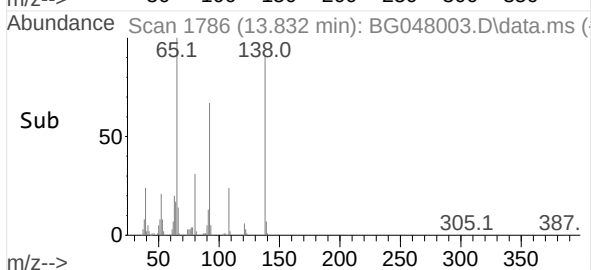
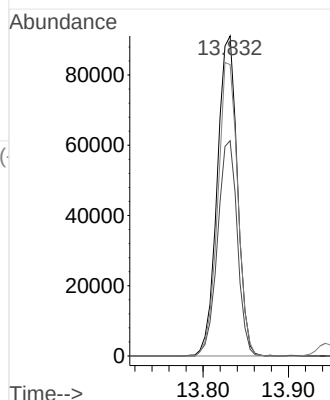
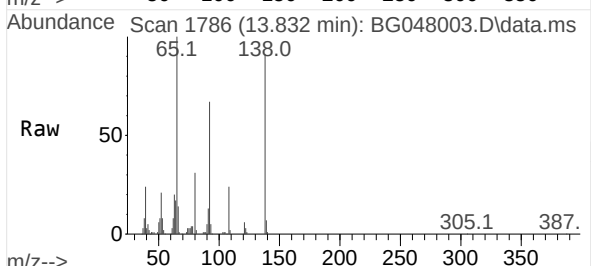
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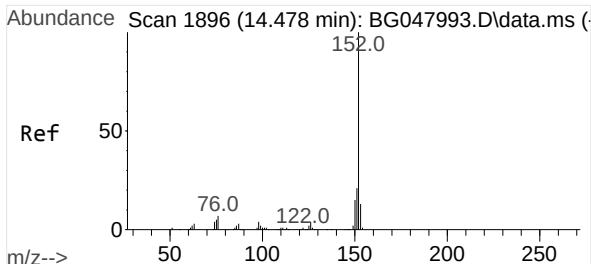
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#48  
2-Nitroaniline  
Concen: 40.17 ng  
RT: 13.832 min Scan# 1786  
Delta R.T. 0.006 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26

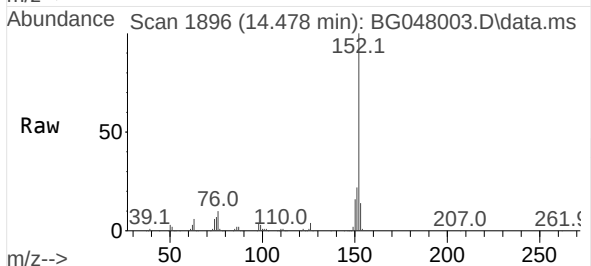
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 65    | Resp: | 149178 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 67.3  | 58.6  | 88.0   |
| 138       | 91.1  | 98.2  | 147.4  |





#49  
Acenaphthylene  
Concen: 40.58 ng  
RT: 14.478 min Scan# 1896  
Delta R.T. -0.000 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26

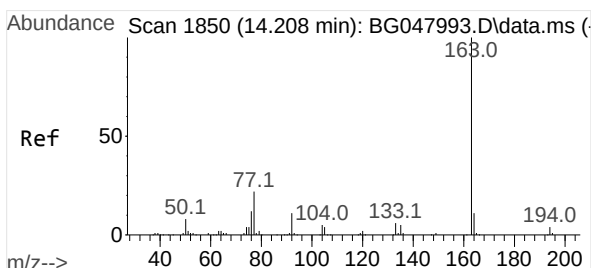
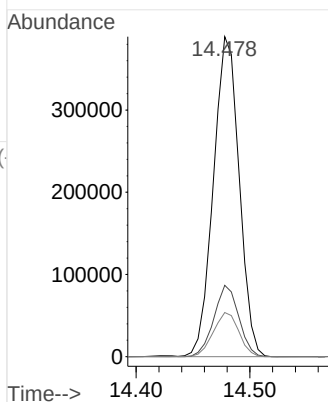
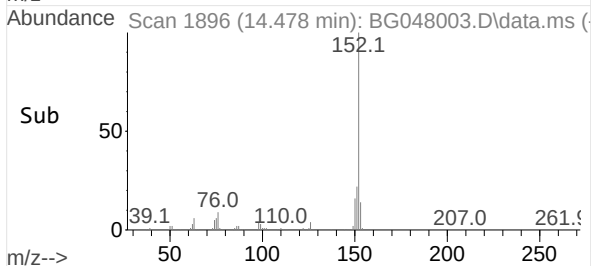
Instrument :  
BNA\_G  
ClientSampleId :  
PB134302BS



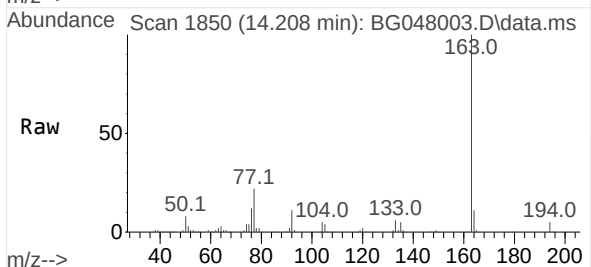
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 22.3  | 17.4  | 26.0  |
| 153     | 13.8  | 11.5  | 17.3  |

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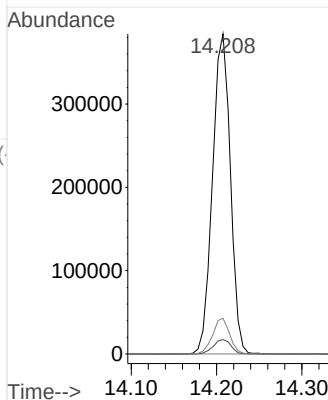
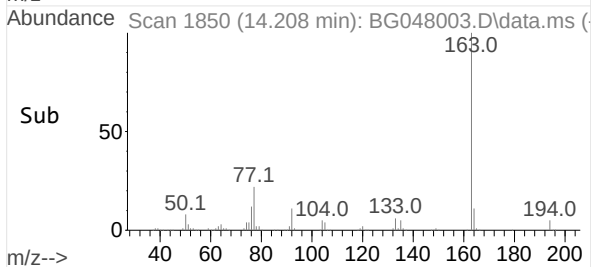
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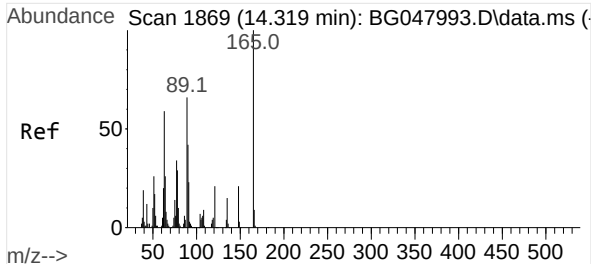


#50  
Dimethylphthalate  
Concen: 40.55 ng  
RT: 14.208 min Scan# 1850  
Delta R.T. -0.000 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.5   | 3.8   | 5.8   |
| 164     | 11.1  | 8.8   | 13.2  |





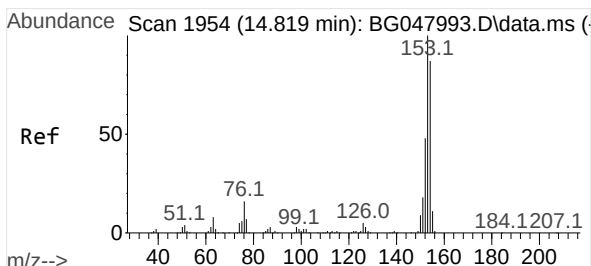
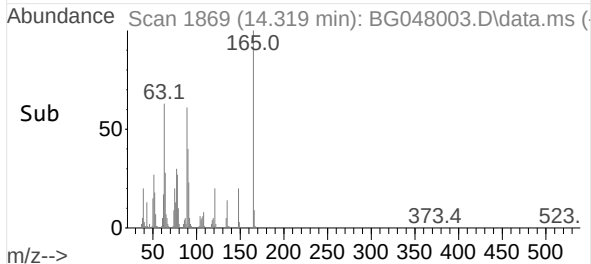
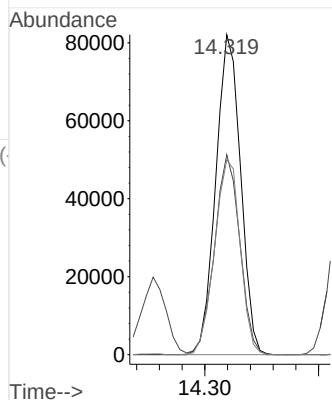
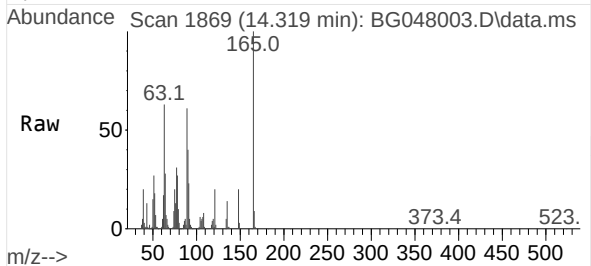
#51  
2,6-Dinitrotoluene  
Concen: 43.51 ng  
RT: 14.319 min Scan# 1869  
Delta R.T. -0.000 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 62.5  | 33.7  | 50.5# |
| 89      | 60.9  | 36.6  | 54.8# |

Instrument :  
BNA\_G  
ClientSampleId :  
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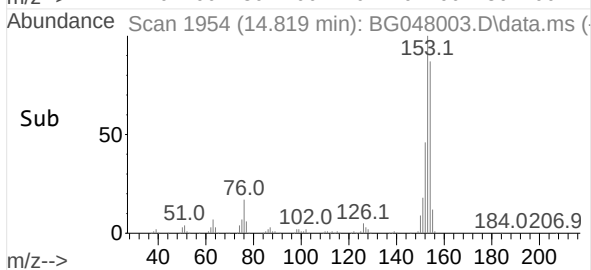
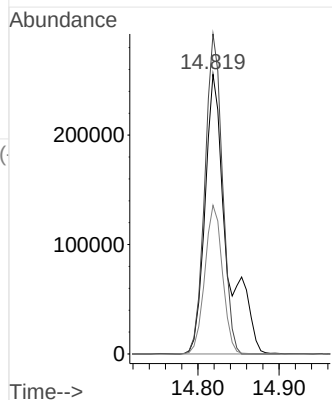
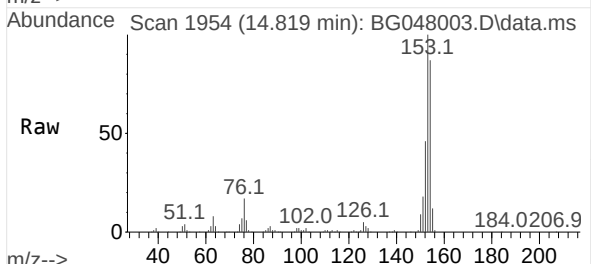
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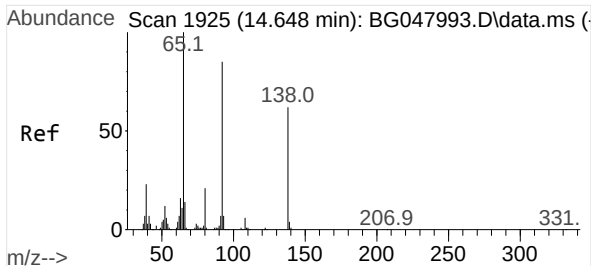
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#52  
Acenaphthene  
Concen: 46.75 ng m  
RT: 14.819 min Scan# 1954  
Delta R.T. -0.000 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 114.4 | 90.3  | 135.5 |
| 152     | 53.1  | 43.8  | 65.8  |





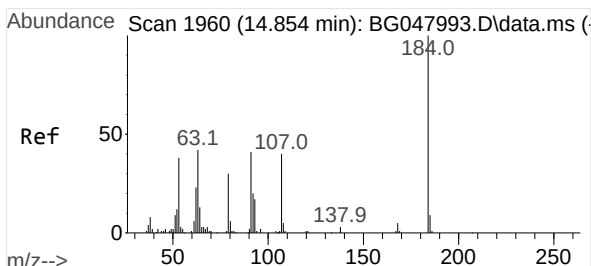
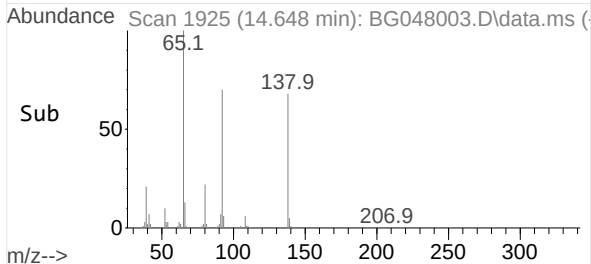
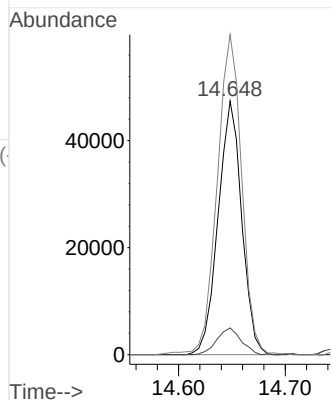
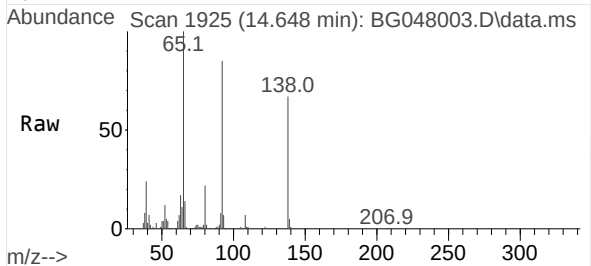
#53  
3-Nitroaniline  
Concen: 23.14 ng  
RT: 14.648 min Scan# 1925  
Delta R.T. -0.000 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26

Tgt Ion:138 Resp: 72644  
Ion Ratio Lower Upper  
138 100  
108 10.5 7.4 11.0  
92 126.1 85.2 127.8

Instrument :  
BNA\_G  
ClientSampleId :  
PB134302BS

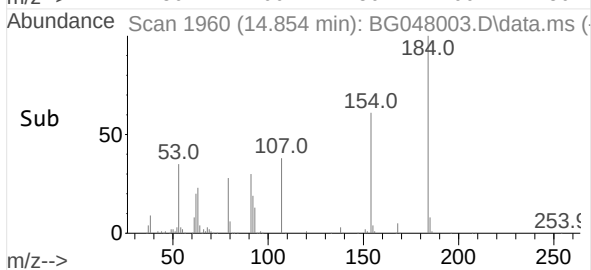
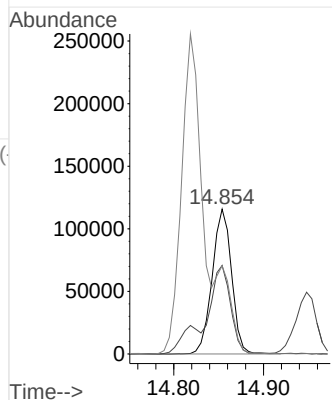
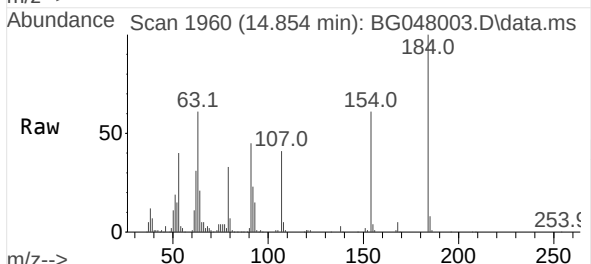
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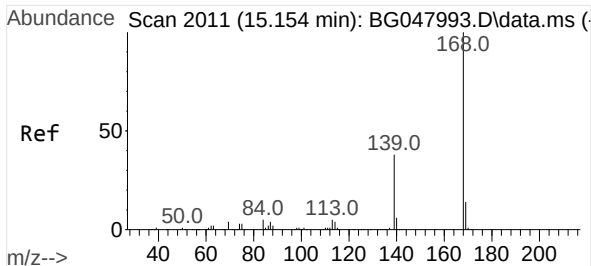
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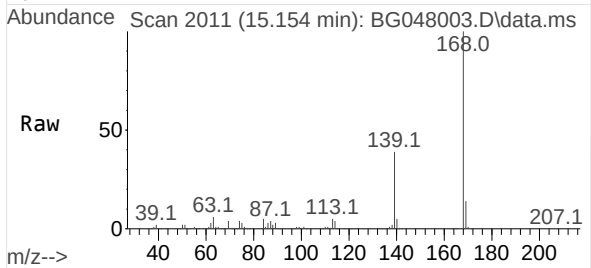
#54  
2,4-Dinitrophenol  
Concen: 97.00 ng  
RT: 14.854 min Scan# 1960  
Delta R.T. -0.000 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26

Tgt Ion:184 Resp: 173554  
Ion Ratio Lower Upper  
184 100  
63 61.1 32.3 48.5#  
154 60.8 40.4 60.6#

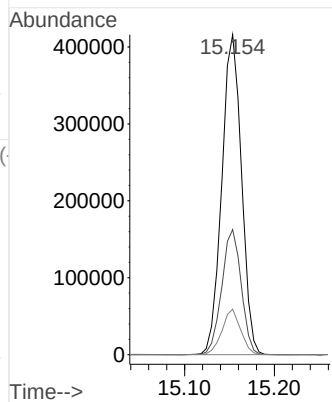
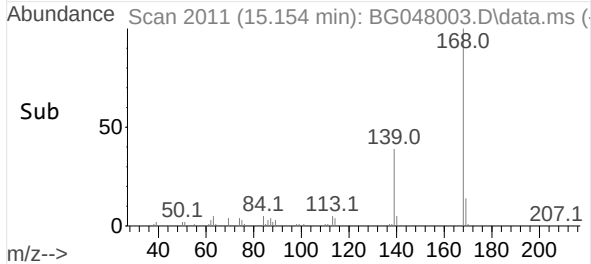




#55  
Dibenzofuran  
Concen: 40.83 ng  
RT: 15.154 min Scan# 2011  
Delta R.T. -0.000 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26



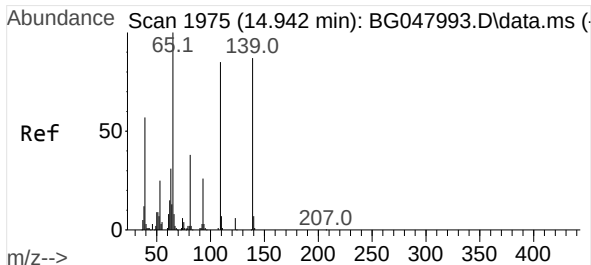
Tgt Ion:168 Resp: 633080  
Ion Ratio Lower Upper  
168 100  
139 39.1 28.6 43.0  
169 14.2 11.0 16.6



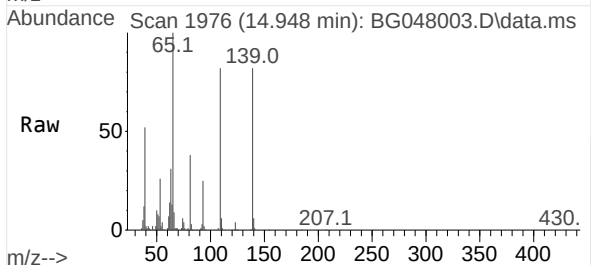
Instrument :  
BNA\_G  
ClientSampleId :  
PB134302BS

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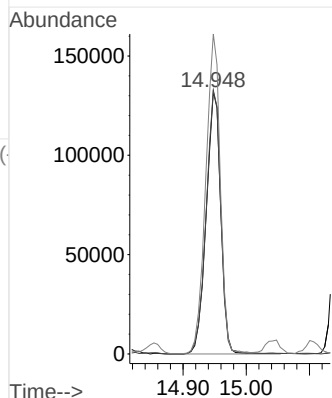
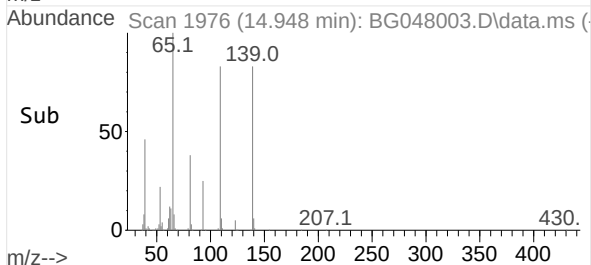
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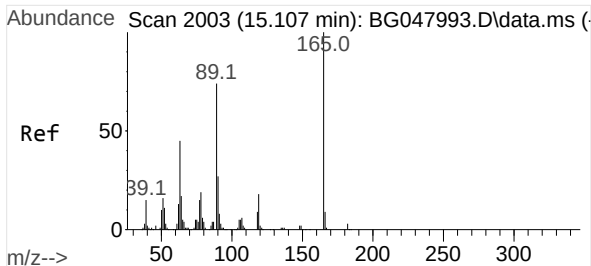


#56  
4-Nitrophenol  
Concen: 86.31 ng  
RT: 14.948 min Scan# 1976  
Delta R.T. 0.006 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26



Tgt Ion:139 Resp: 211378  
Ion Ratio Lower Upper  
139 100  
109 100.5 45.9 85.9#  
65 121.9 65.4 105.4#





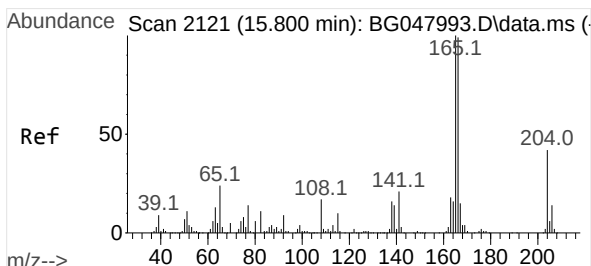
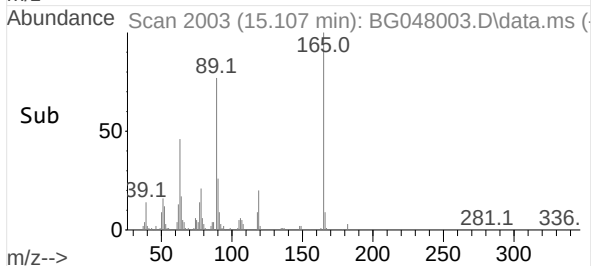
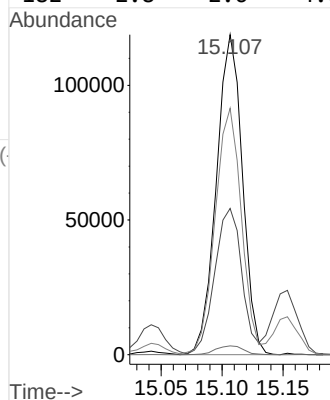
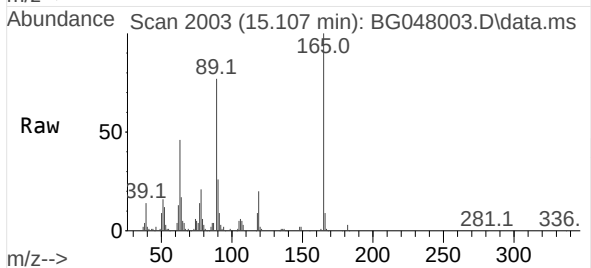
#57  
2,4-Dinitrotoluene  
Concen: 42.75 ng  
RT: 15.107 min Scan# 2003  
Delta R.T. -0.000 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26

Tgt Ion:165 Resp: 176660  
Ion Ratio Lower Upper  
165 100  
63 45.7 26.4 39.6#  
89 77.0 47.8 71.8#  
182 2.8 2.6 4.0

Instrument :  
BNA\_G  
ClientSampleId :  
PB134302BS

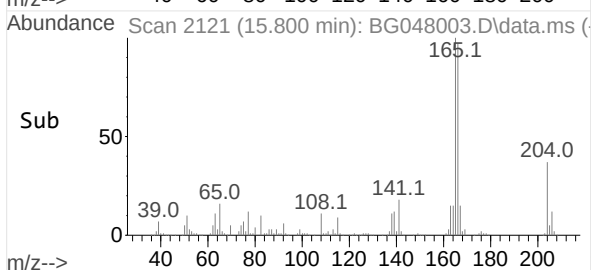
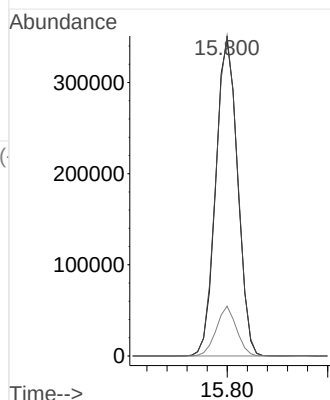
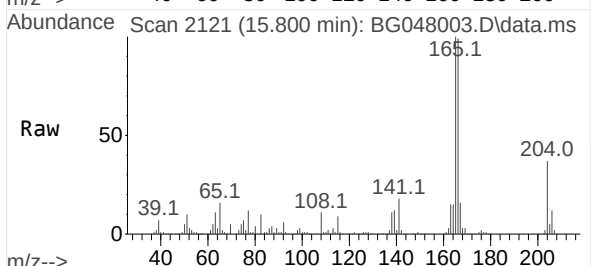
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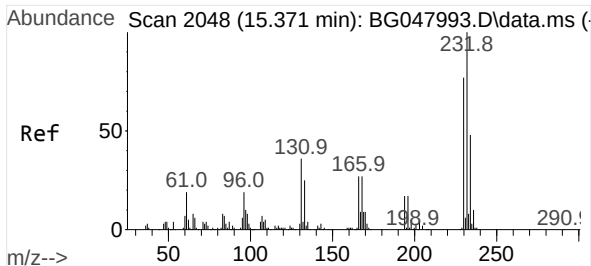


#58  
Fluorene  
Concen: 42.03 ng  
RT: 15.800 min Scan# 2121  
Delta R.T. -0.000 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26

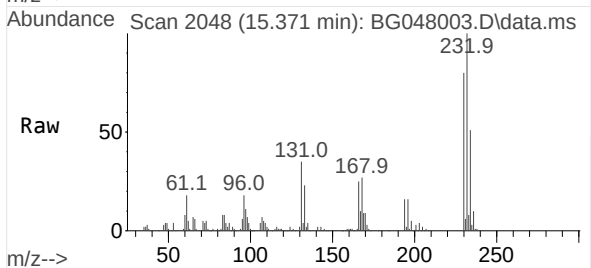
Tgt Ion:166 Resp: 523890  
Ion Ratio Lower Upper  
166 100  
165 101.4 77.2 115.8  
167 15.8 11.4 17.2



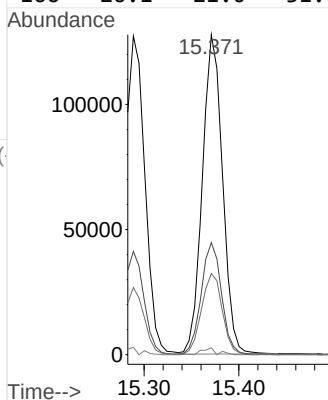
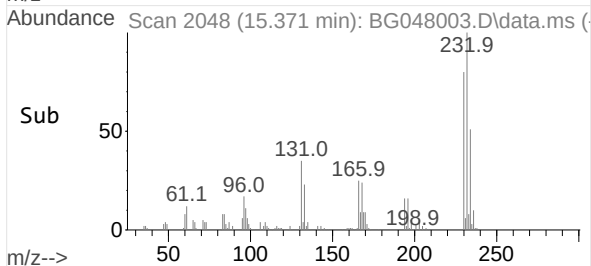




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 45.06 ng  
RT: 15.371 min Scan# 2048  
Delta R.T. -0.000 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26



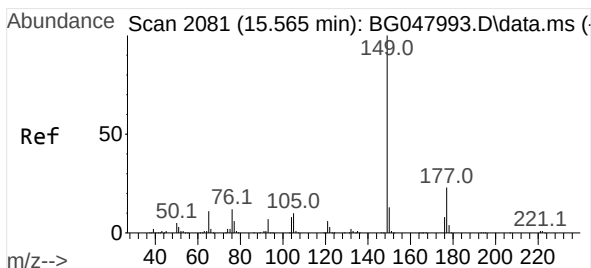
Tgt Ion:232 Resp: 188787  
Ion Ratio Lower Upper  
232 100  
131 35.6 26.6 40.0  
130 1.6 1.4 2.0  
166 26.1 21.0 31.6



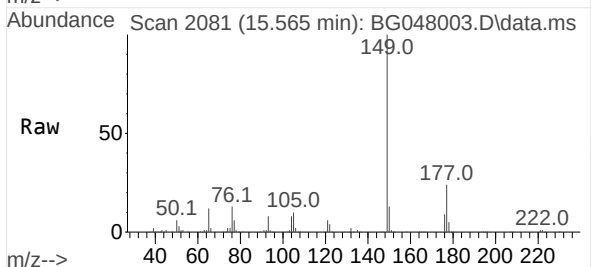
Instrument :  
BNA\_G  
ClientSampleID :  
PB134302BS

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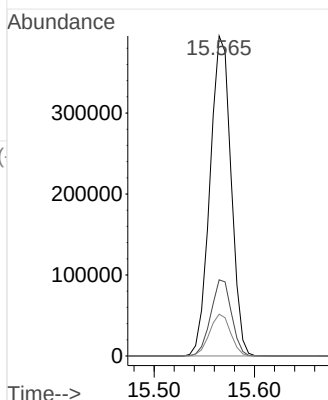
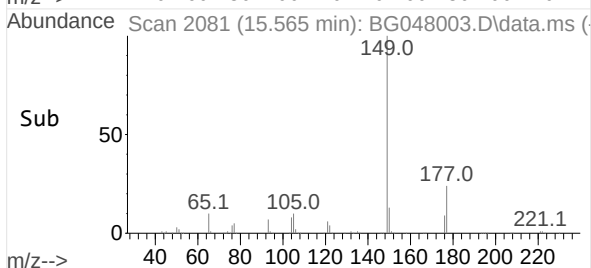
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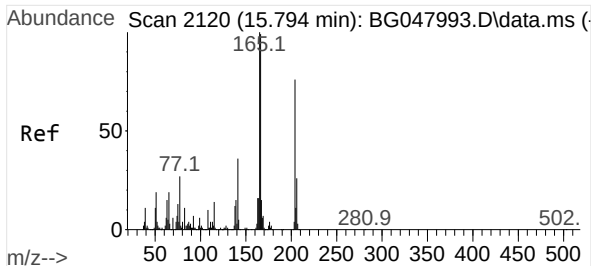


#60  
Diethylphthalate  
Concen: 40.67 ng  
RT: 15.565 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26



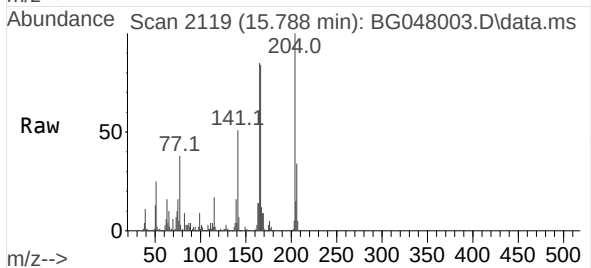
Tgt Ion:149 Resp: 575422  
Ion Ratio Lower Upper  
149 100  
177 23.8 21.4 32.2  
150 13.1 10.7 16.1





#61  
4-Chlorophenyl-phenylether  
Concen: 41.09 ng  
RT: 15.788 min Scan# 2119  
Delta R.T. -0.006 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26

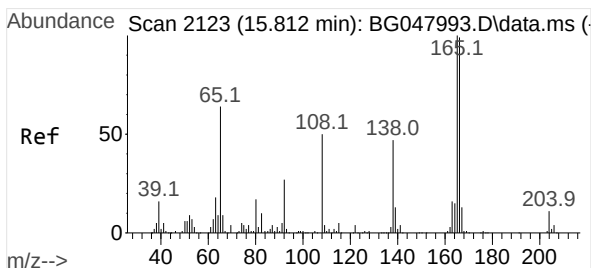
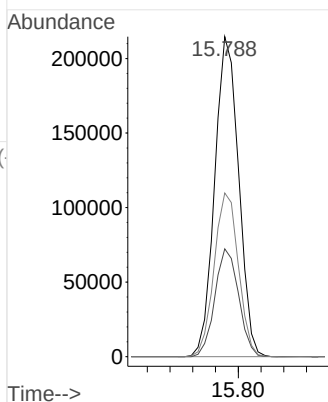
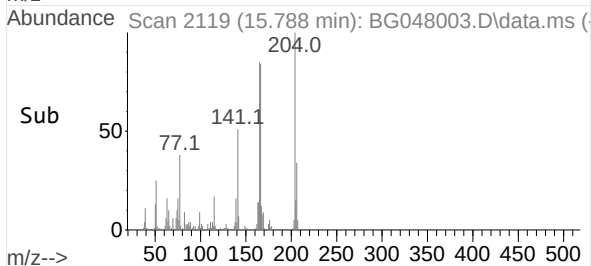
Instrument :  
BNA\_G  
ClientSampled :  
PB134302BS



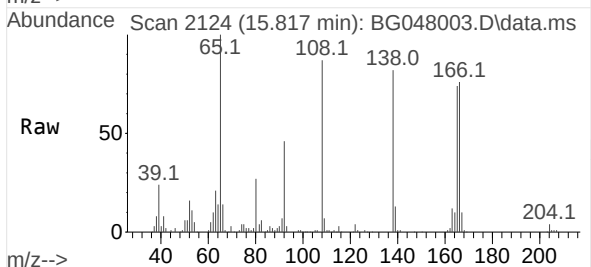
Tgt Ion:204 Resp: 313695  
Ion Ratio Lower Upper  
204 100  
206 33.7 27.8 41.8  
141 51.2 41.5 62.3

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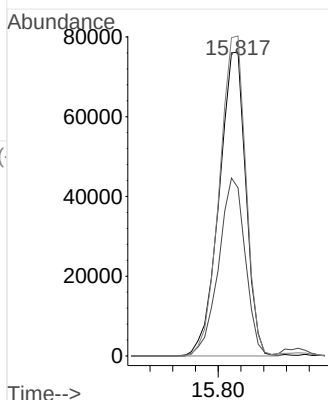
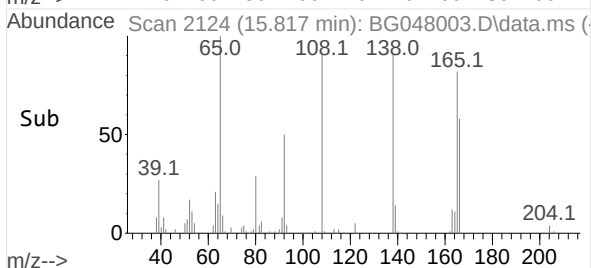
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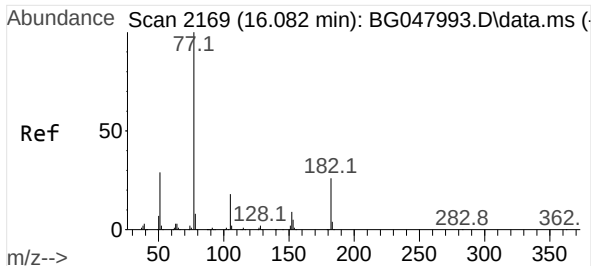


#62  
4-Nitroaniline  
Concen: 36.42 ng  
RT: 15.817 min Scan# 2124  
Delta R.T. 0.006 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26

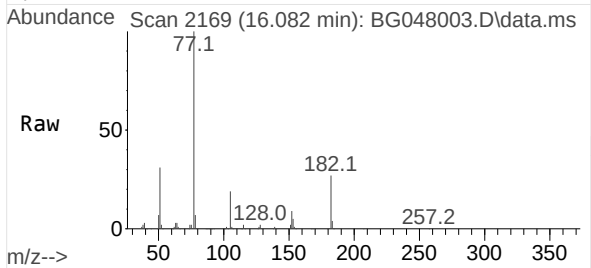


Tgt Ion:138 Resp: 124538  
Ion Ratio Lower Upper  
138 100  
92 55.4 26.9 66.9  
108 105.3 49.4 89.4#

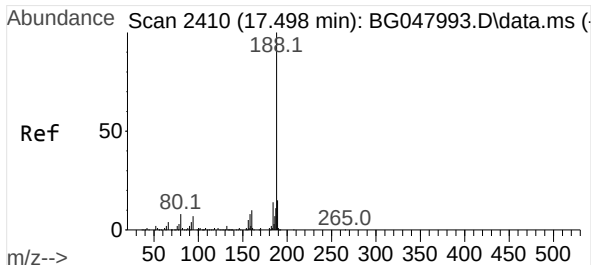
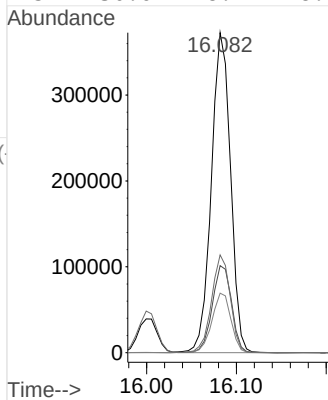
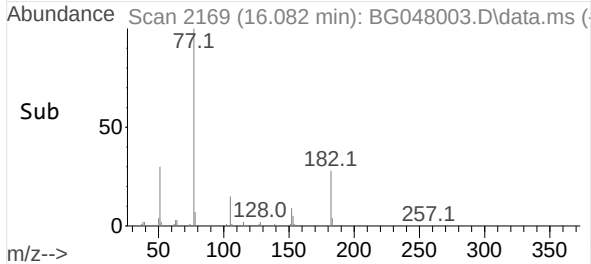




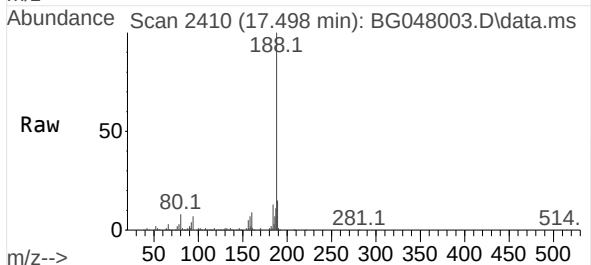
#63  
 Azobenzene  
 Concen: 41.42 ng  
 RT: 16.082 min Scan# 2169  
 Delta R.T. -0.000 min  
 Lab File: BG048003.D  
 Acq: 26 Jan 2021 11:26



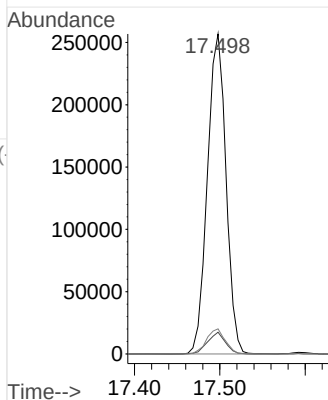
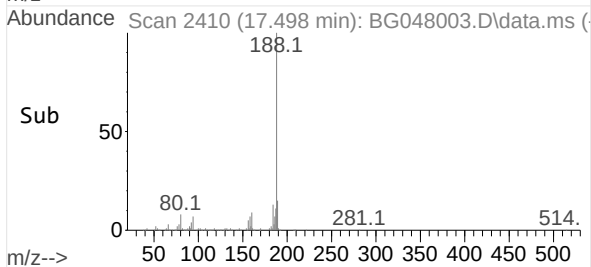
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 551750 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 182       | 27.2  | 14.0  | 54.0   |
| 105       | 18.6  | 3.0   | 43.0   |
| 51        | 30.6  | 8.1   | 48.1   |



#64  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 17.498 min Scan# 2410  
 Delta R.T. -0.000 min  
 Lab File: BG048003.D  
 Acq: 26 Jan 2021 11:26



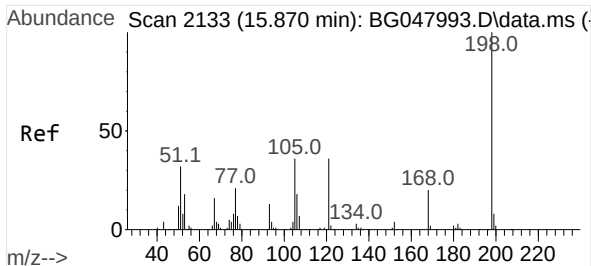
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 188   | Resp: | 390360 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 6.8   | 6.3   | 9.5    |
| 80        | 7.9   | 7.0   | 10.6   |



Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB134302BS

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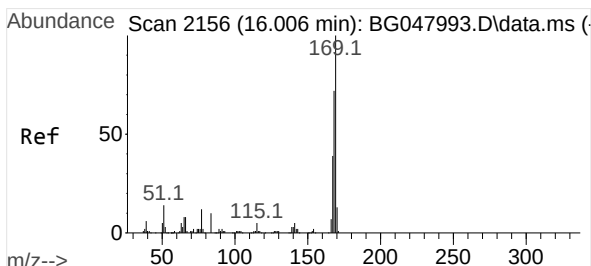
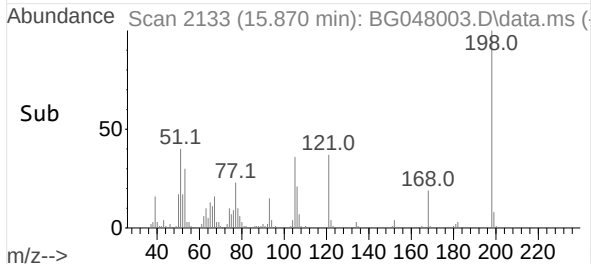
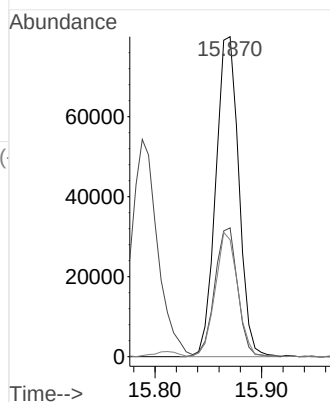
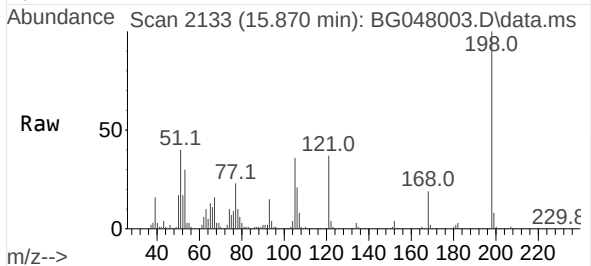
#65  
4,6-Dinitro-2-methylphenol  
Concen: 47.51 ng  
RT: 15.870 min Scan# 2133  
Delta R.T. -0.000 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 40.3  | 10.4  | 50.4  |
| 105     | 36.5  | 12.9  | 52.9  |

Instrument :  
BNA\_G  
ClientSampleId :  
PB134302BS

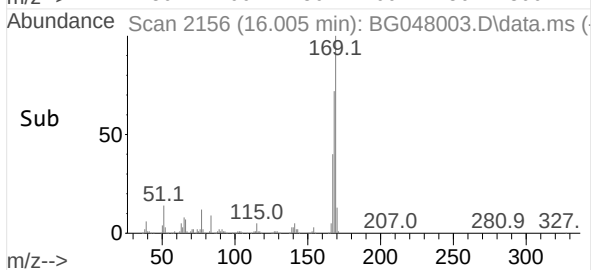
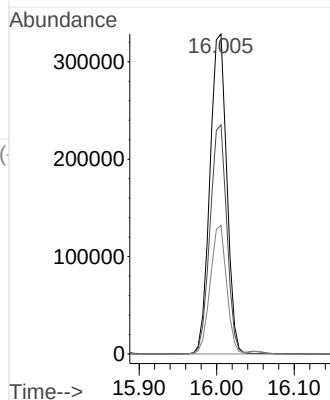
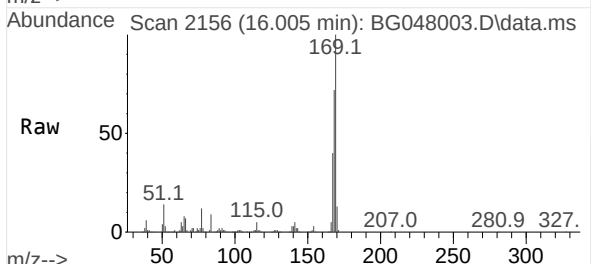
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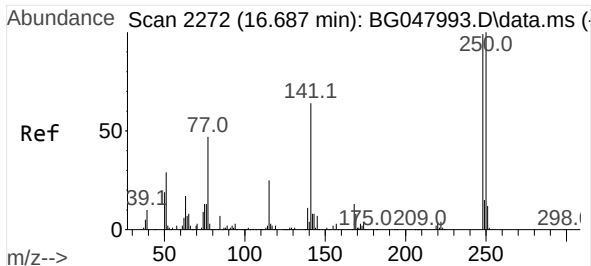
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#66  
n-Nitrosodiphenylamine  
Concen: 42.25 ng  
RT: 16.005 min Scan# 2156  
Delta R.T. -0.000 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26

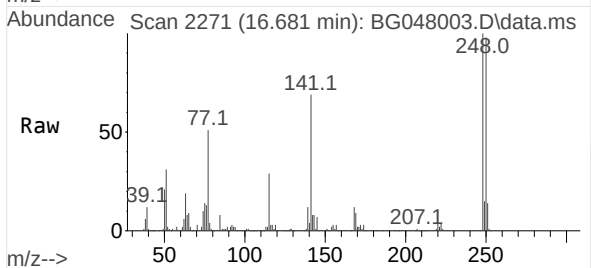
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 71.6  | 55.5  | 83.3  |
| 167     | 40.2  | 30.5  | 45.7  |



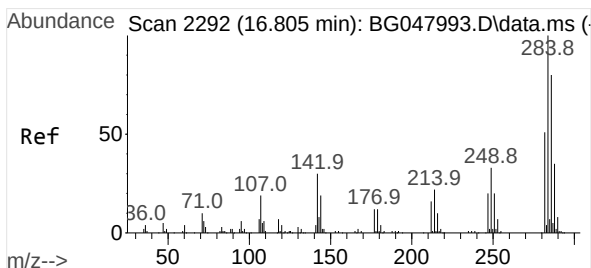
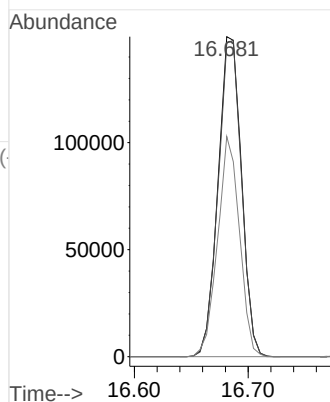
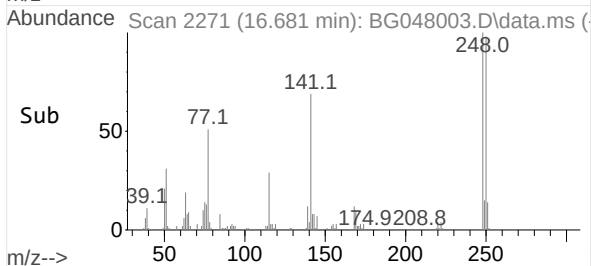


#67  
4-Bromophenyl-phenylether  
Concen: 41.03 ng  
RT: 16.681 min Scan# 2271  
Delta R.T. -0.006 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26

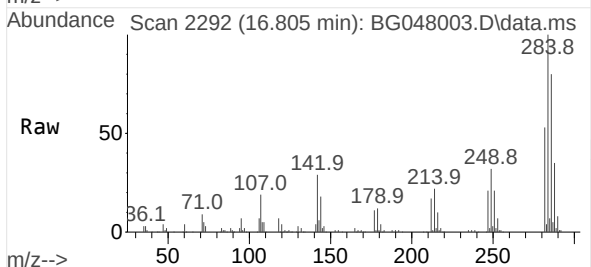
Instrument :  
BNA\_G  
ClientSampleId :  
PB134302BS



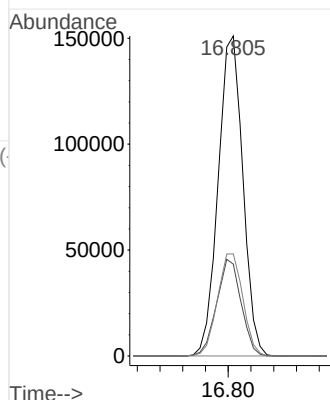
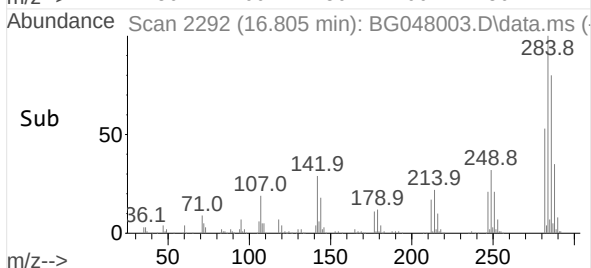
Tgt Ion:248 Resp: 214006  
Ion Ratio Lower Upper  
248 100  
250 98.1 78.9 118.3  
141 68.8 46.2 69.4

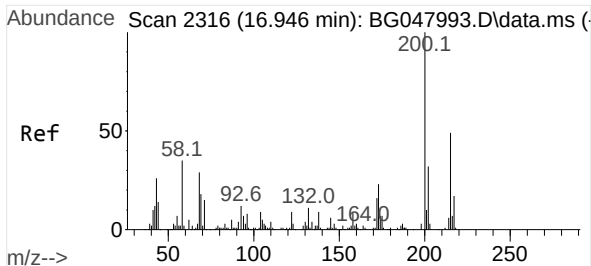


#68  
Hexachlorobenzene  
Concen: 40.12 ng  
RT: 16.805 min Scan# 2292  
Delta R.T. -0.000 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26

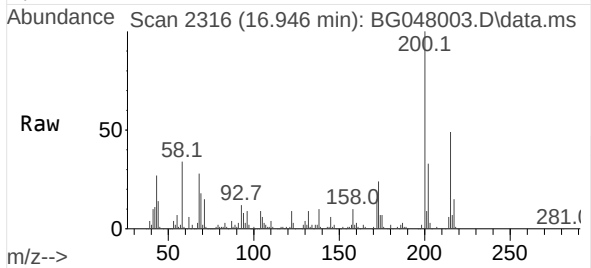


Tgt Ion:284 Resp: 227584  
Ion Ratio Lower Upper  
284 100  
142 28.7 21.1 31.7  
249 31.9 25.9 38.9



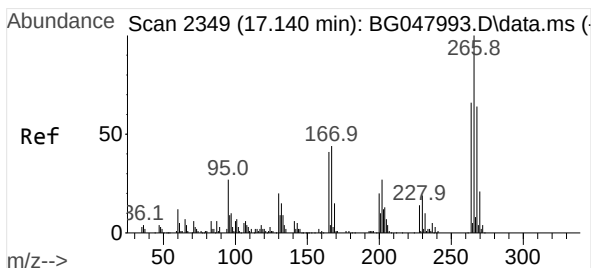
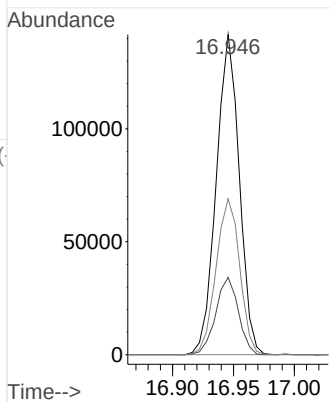
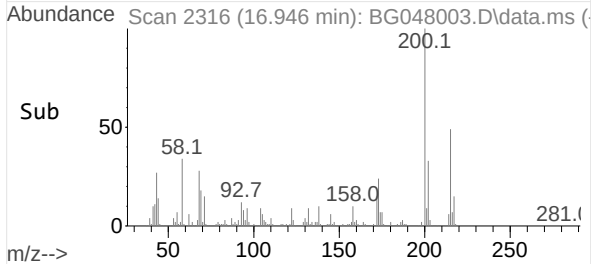


#69  
**Atrazine**  
 Concen: 41.76 ng  
 RT: 16.946 min Scan# 2316  
 Delta R.T. -0.000 min  
 Lab File: BG048003.D  
 Acq: 26 Jan 2021 11:26

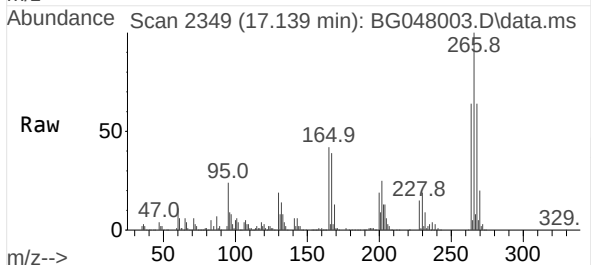


Tgt Ion:200 Resp: 186095  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 200 | 100   |       |       |
| 173 | 24.2  | 4.2   | 44.2  |
| 215 | 48.7  | 30.0  | 70.0  |

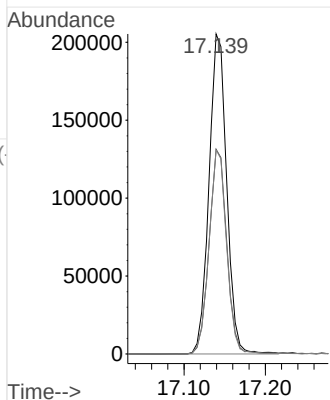
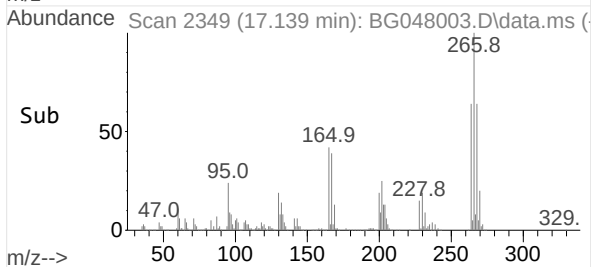


#70  
**Pentachlorophenol**  
 Concen: 89.78 ng  
 RT: 17.139 min Scan# 2349  
 Delta R.T. -0.000 min  
 Lab File: BG048003.D  
 Acq: 26 Jan 2021 11:26



Tgt Ion:266 Resp: 309248  

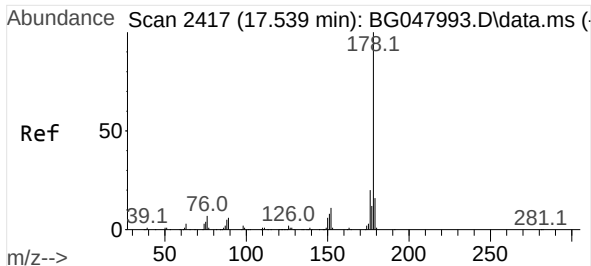
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 266 | 100   |       |       |
| 268 | 64.0  | 49.8  | 74.6  |
| 264 | 63.8  | 49.3  | 73.9  |



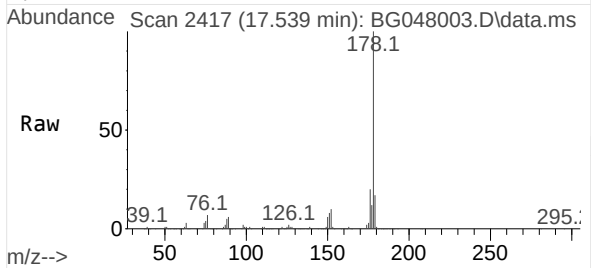
**Instrument :**  
 BNA\_G  
**ClientSampleId :**  
 PB134302BS

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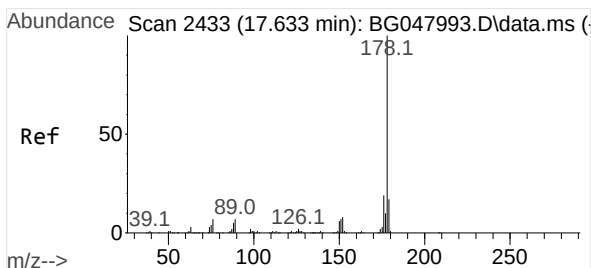
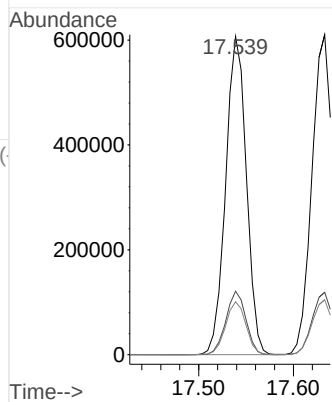
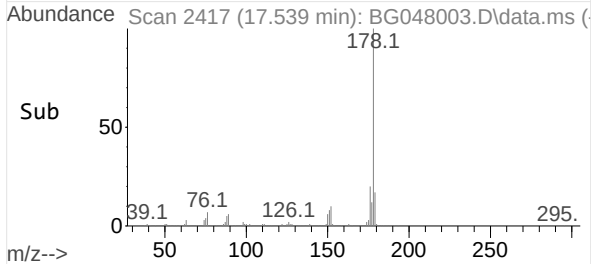
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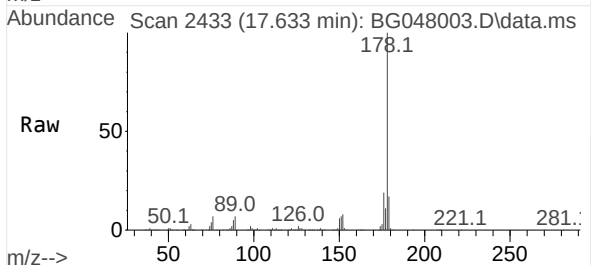
#71  
Phenanthrene  
Concen: 40.83 ng  
RT: 17.539 min Scan# 2417  
Delta R.T. -0.000 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26



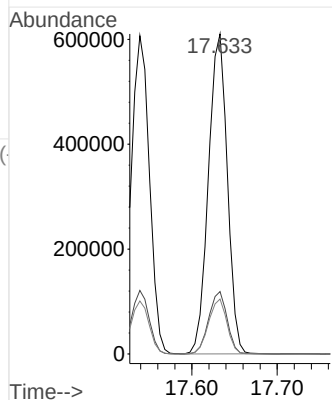
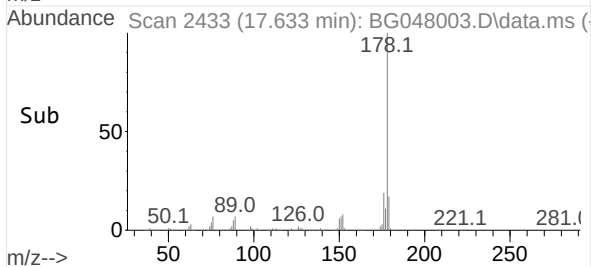
Tgt Ion:178 Resp: 919615  
Ion Ratio Lower Upper  
178 100  
176 19.9 16.7 25.1  
179 16.6 14.0 21.0



#72  
Anthracene  
Concen: 42.45 ng  
RT: 17.633 min Scan# 2433  
Delta R.T. -0.000 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26



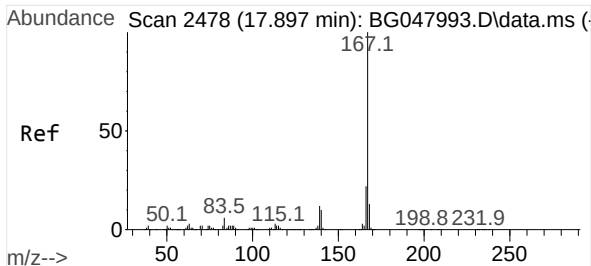
Tgt Ion:178 Resp: 940214  
Ion Ratio Lower Upper  
178 100  
176 19.5 16.4 24.6  
179 17.1 13.8 20.6



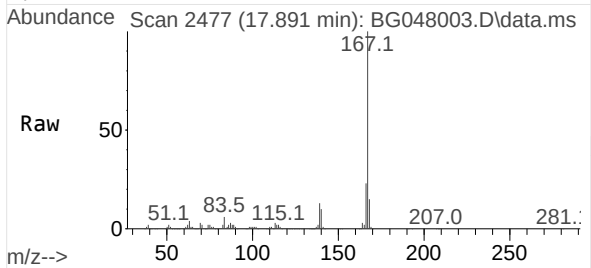
Instrument :  
BNA\_G  
ClientSampleId :  
PB134302BS

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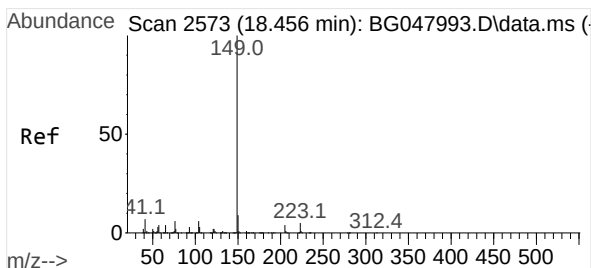
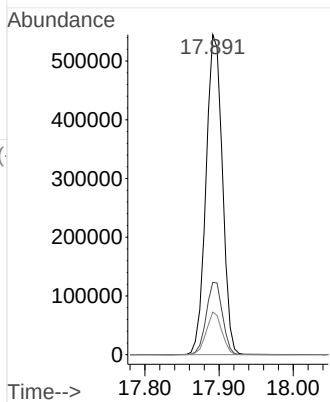
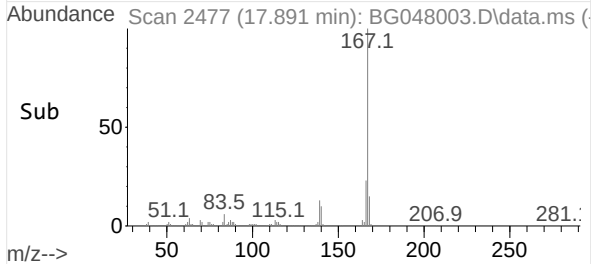
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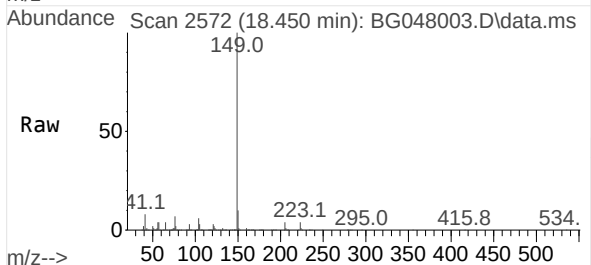
#73  
 Carbazole  
 Concen: 40.42 ng  
 RT: 17.891 min Scan# 2477  
 Delta R.T. -0.006 min  
 Lab File: BG048003.D  
 Acq: 26 Jan 2021 11:26



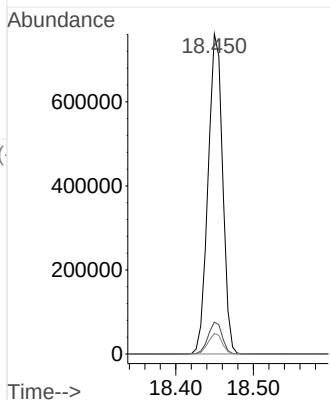
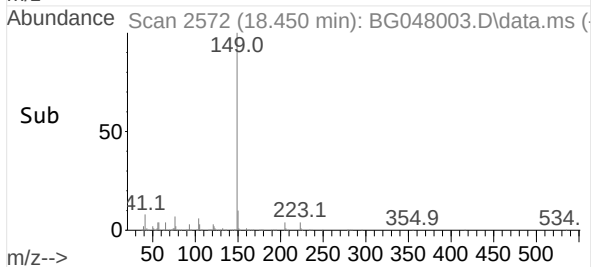
Tgt Ion:167 Resp: 835465  
 Ion Ratio Lower Upper  
 167 100  
 166 22.6 18.7 28.1  
 139 13.3 9.6 14.4



#74  
 Di-n-butylphthalate  
 Concen: 39.44 ng  
 RT: 18.450 min Scan# 2572  
 Delta R.T. -0.006 min  
 Lab File: BG048003.D  
 Acq: 26 Jan 2021 11:26



Tgt Ion:149 Resp: 995499  
 Ion Ratio Lower Upper  
 149 100  
 150 10.0 8.2 12.4  
 104 6.4 3.8 5.8#

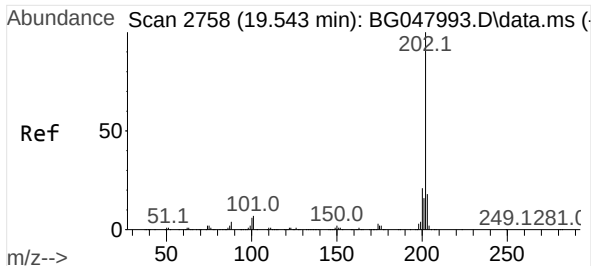


Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB134302BS

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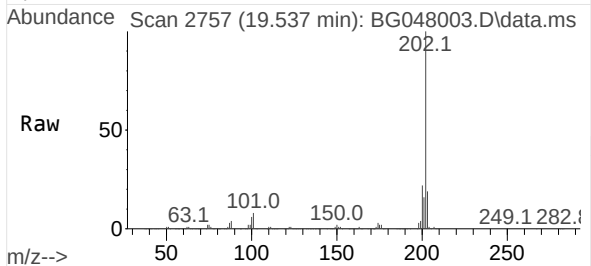
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#75  
Fluoranthene  
Concen: 39.10 ng  
RT: 19.537 min Scan# 2757  
Delta R.T. -0.006 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26

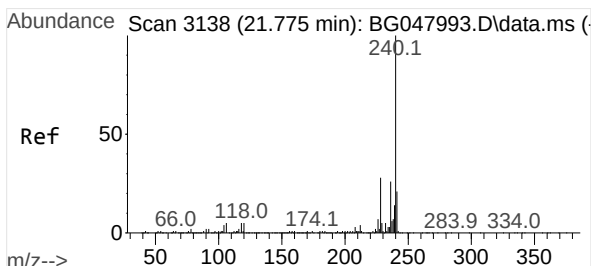
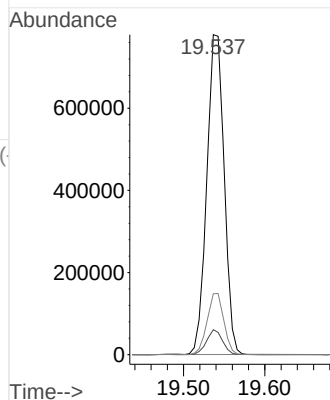
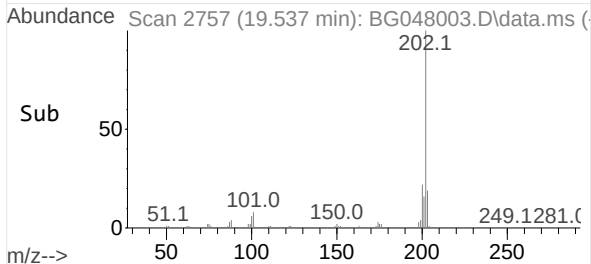
Instrument :  
BNA\_G  
ClientSampleId :  
PB134302BS



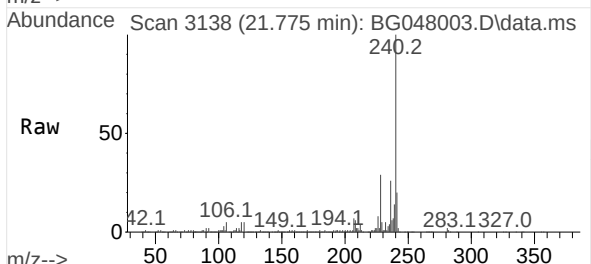
Tgt Ion:202 Resp: 1154629  
Ion Ratio Lower Upper  
202 100  
101 7.8 0.0 29.7  
203 19.1 0.0 39.2

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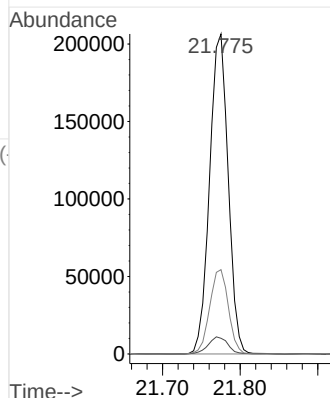
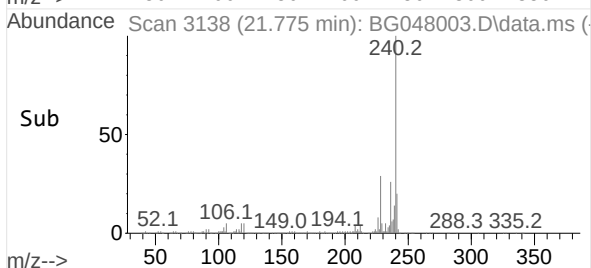
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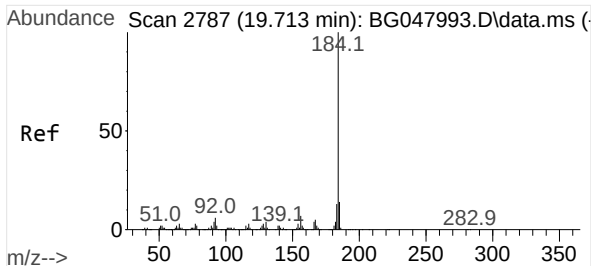


#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.775 min Scan# 3138  
Delta R.T. -0.000 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26



Tgt Ion:240 Resp: 342967  
Ion Ratio Lower Upper  
240 100  
120 4.9 6.2 9.4#  
236 26.3 20.5 30.7





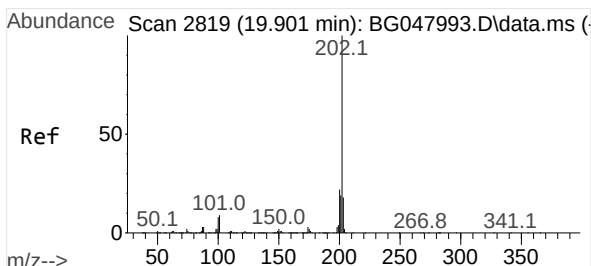
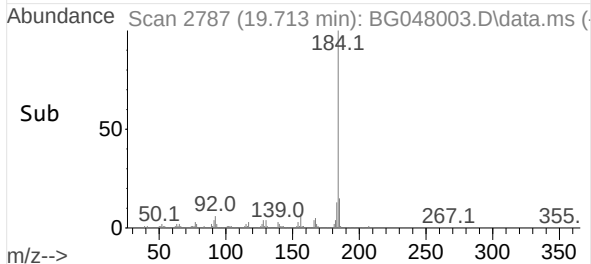
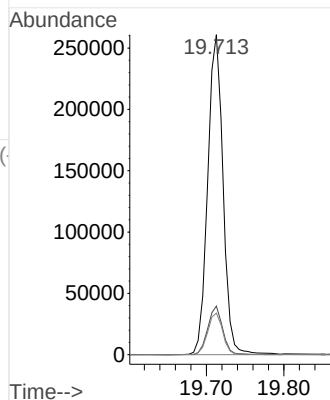
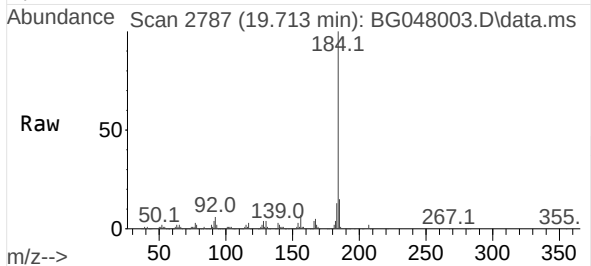
#77  
Benzidine  
Concen: 36.20 ng  
RT: 19.713 min Scan# 2787  
Delta R.T. -0.000 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26

Tgt Ion:184 Resp: 358122  
Ion Ratio Lower Upper  
184 100  
185 15.2 12.4 18.6  
183 13.0 10.6 15.8

Instrument :  
BNA\_G  
ClientSampleId :  
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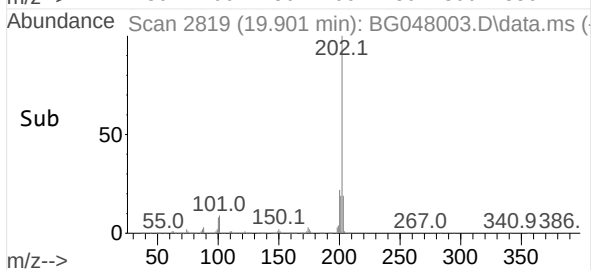
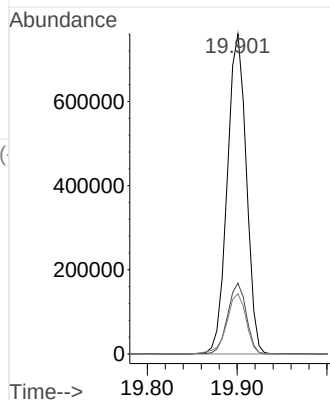
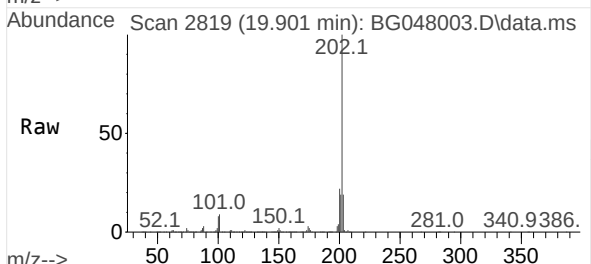
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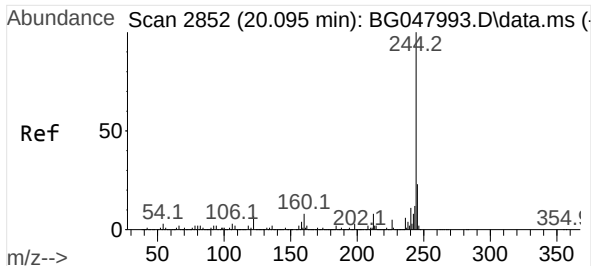
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#78  
Pyrene  
Concen: 44.61 ng  
RT: 19.901 min Scan# 2819  
Delta R.T. -0.000 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26

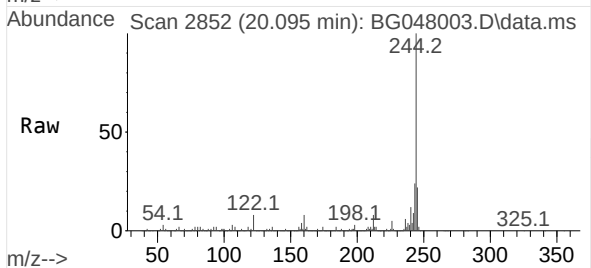
Tgt Ion:202 Resp: 1120508  
Ion Ratio Lower Upper  
202 100  
200 22.1 18.6 27.8  
203 18.8 15.3 22.9





#79  
 Terphenyl-d14  
 Concen: 71.93 ng  
 RT: 20.095 min Scan# 2852  
 Delta R.T. -0.000 min  
 Lab File: BG048003.D  
 Acq: 26 Jan 2021 11:26

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB134302BS

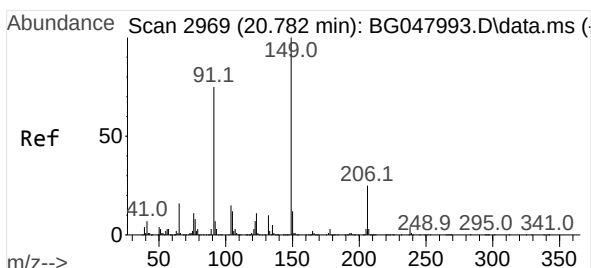
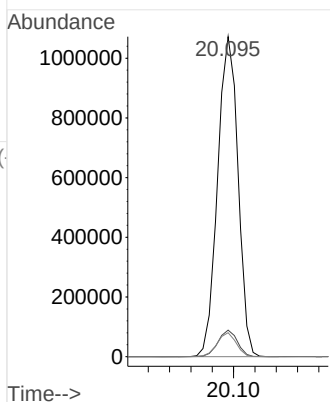
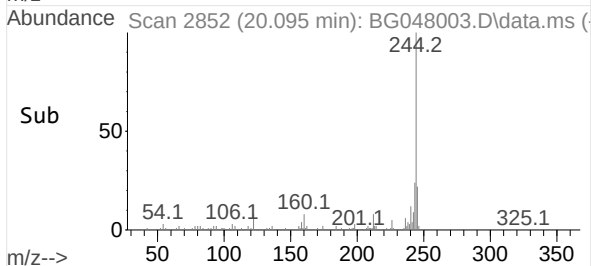


Tgt Ion:244 Resp: 1422732  

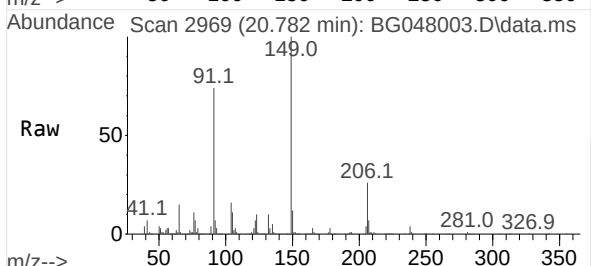
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 8.3   | 6.7   | 10.1  |
| 122 | 7.5   | 7.8   | 11.6# |

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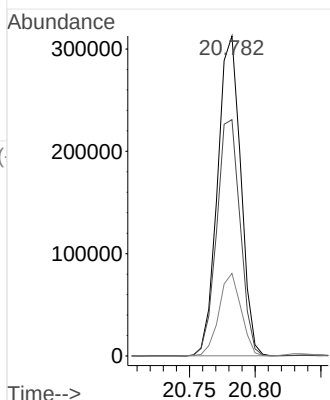
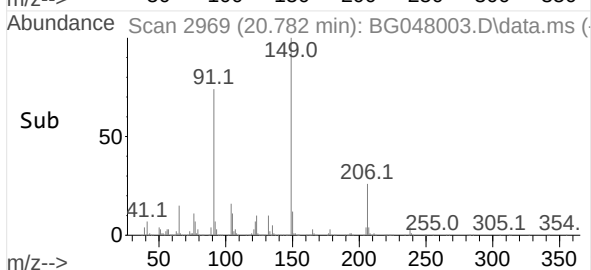


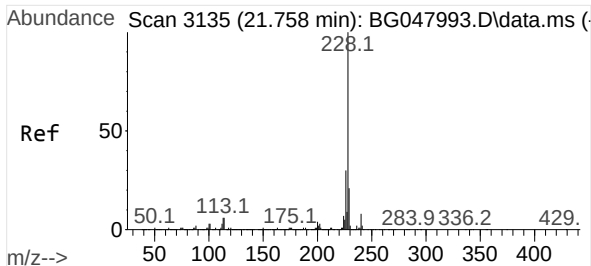
#80  
 Butylbenzylphthalate  
 Concen: 39.88 ng  
 RT: 20.782 min Scan# 2969  
 Delta R.T. -0.000 min  
 Lab File: BG048003.D  
 Acq: 26 Jan 2021 11:26



Tgt Ion:149 Resp: 382597  

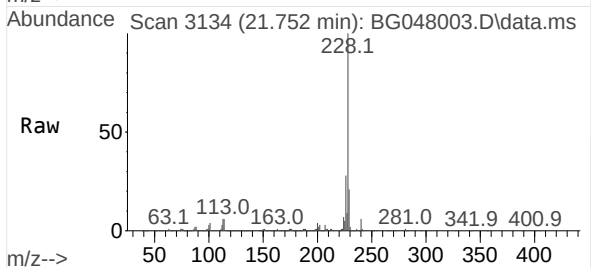
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 73.8  | 51.5  | 77.3  |
| 206 | 25.8  | 21.2  | 31.8  |





#81  
Benzo(a)anthracene  
Concen: 41.11 ng  
RT: 21.752 min Scan# 3134  
Delta R.T. -0.006 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26

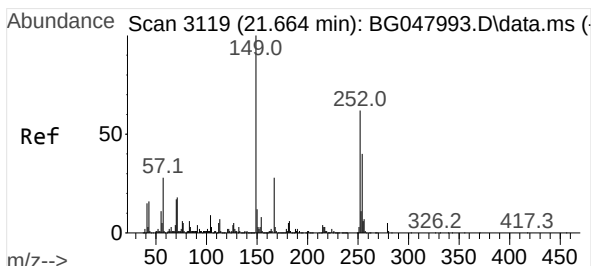
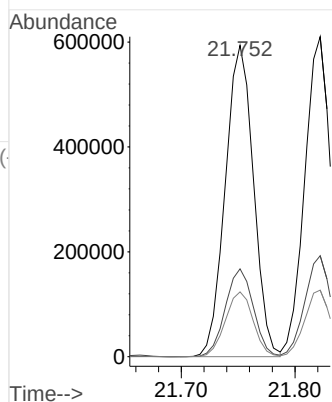
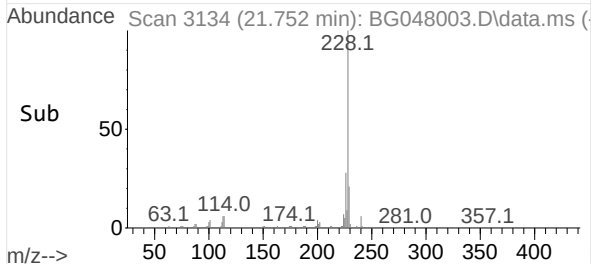
Instrument :  
BNA\_G  
ClientSampleId :  
PB134302BS



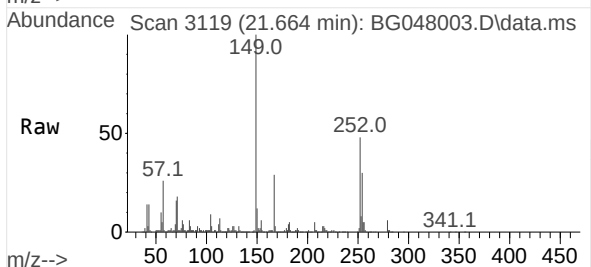
Tgt Ion:228 Resp: 1024779  
Ion Ratio Lower Upper  
228 100  
226 28.2 23.3 34.9  
229 20.8 17.4 26.0

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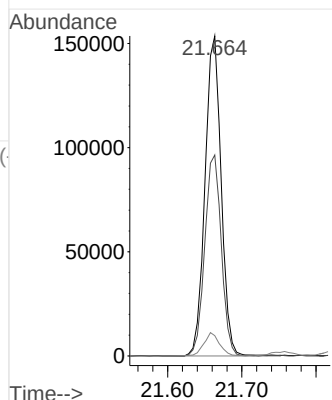
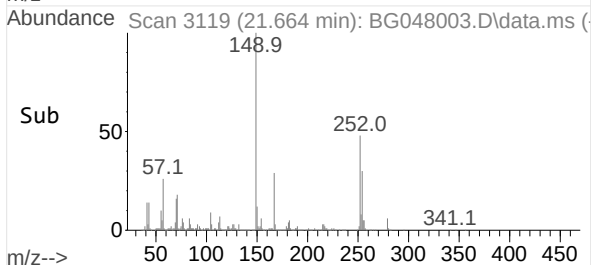
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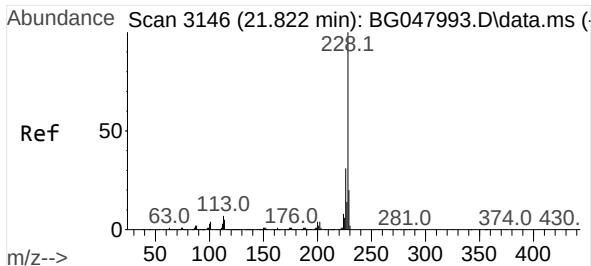


#82  
3,3'-Dichlorobenzidine  
Concen: 27.73 ng  
RT: 21.664 min Scan# 3119  
Delta R.T. -0.000 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26

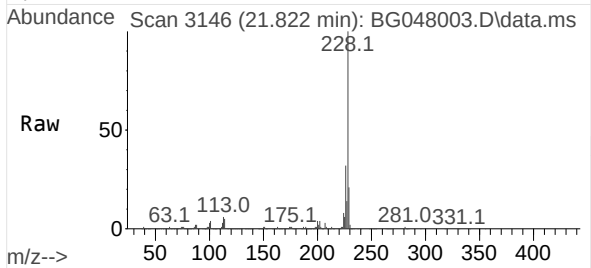


Tgt Ion:252 Resp: 232880  
Ion Ratio Lower Upper  
252 100  
254 62.8 53.2 79.8  
126 6.4 6.8 10.2#

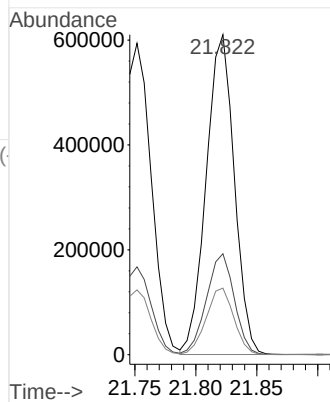
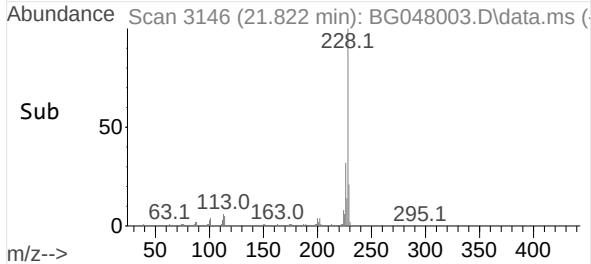




#83  
Chrysene  
Concen: 41.37 ng  
RT: 21.822 min Scan# 3146  
Delta R.T. -0.000 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26



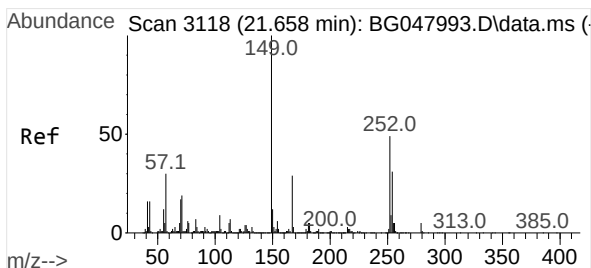
Tgt Ion:228 Resp: 979763  
Ion Ratio Lower Upper  
228 100  
226 31.6 25.0 37.4  
229 20.8 17.3 25.9



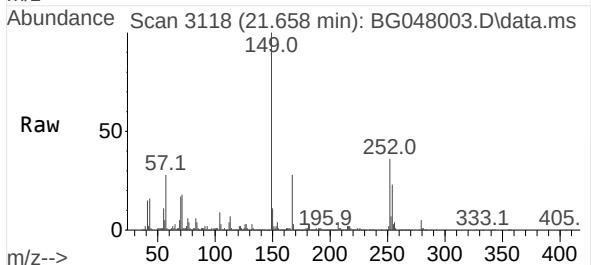
Instrument :  
BNA\_G  
ClientSampleId :  
PB134302BS

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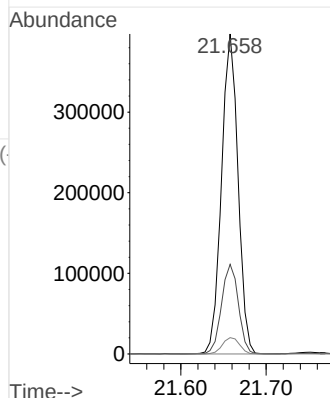
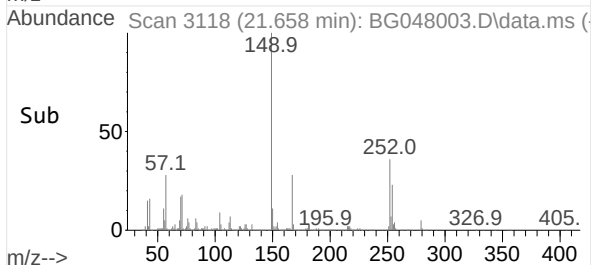
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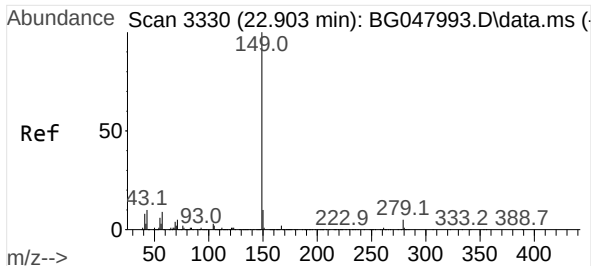


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 40.66 ng  
RT: 21.658 min Scan# 3118  
Delta R.T. -0.000 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26



Tgt Ion:149 Resp: 534218  
Ion Ratio Lower Upper  
149 100  
167 28.0 24.8 37.2  
279 5.1 4.6 7.0





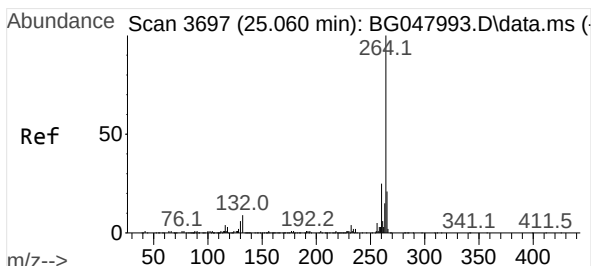
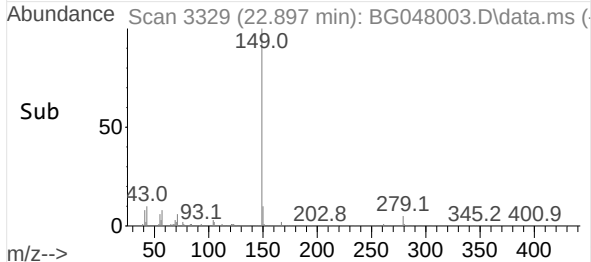
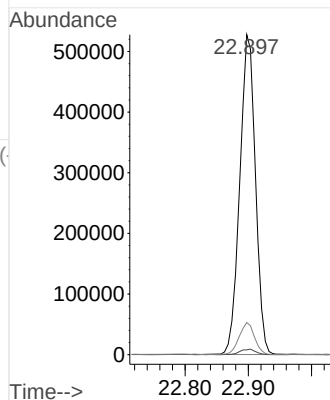
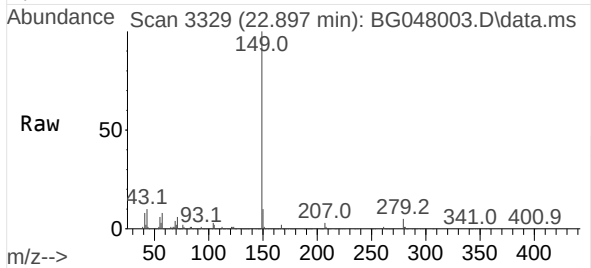
#85  
Di-n-octyl phthalate  
Concen: 41.34 ng  
RT: 22.897 min Scan# 3329  
Delta R.T. -0.006 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26

Tgt Ion:149 Resp: 908539  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.4 2.2  
43 9.8 6.8 10.2

Instrument :  
BNA\_G  
ClientSampleId :  
PB134302BS

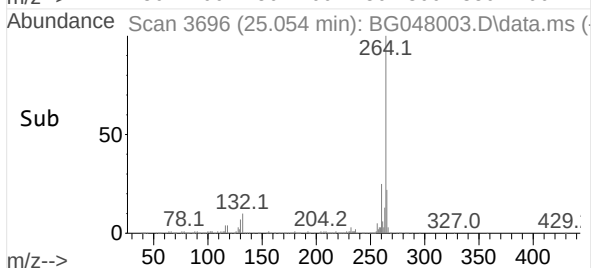
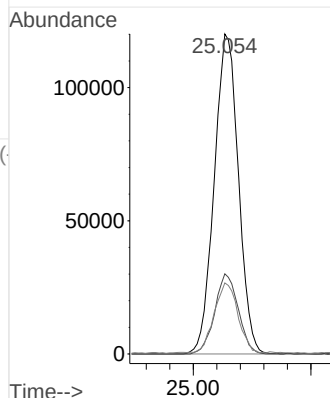
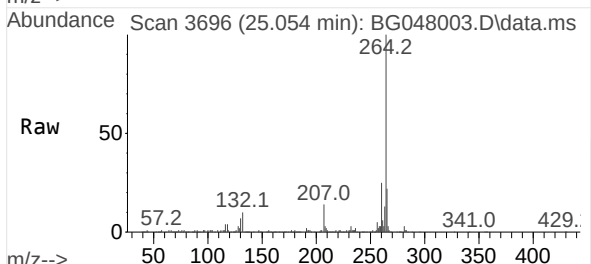
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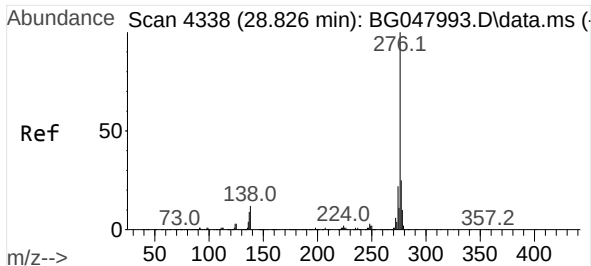
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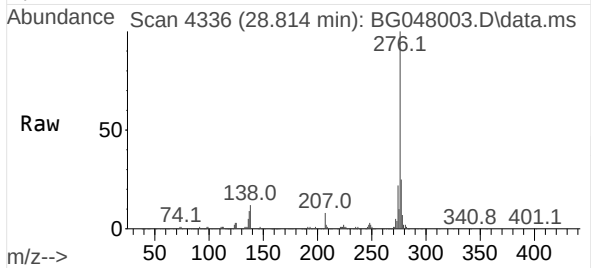
#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 25.054 min Scan# 3696  
Delta R.T. -0.006 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26

Tgt Ion:264 Resp: 342399  
Ion Ratio Lower Upper  
264 100  
260 25.0 18.8 28.2  
265 22.2 17.8 26.8

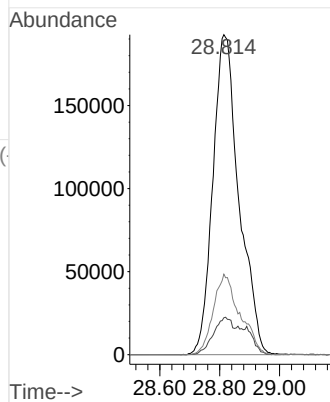
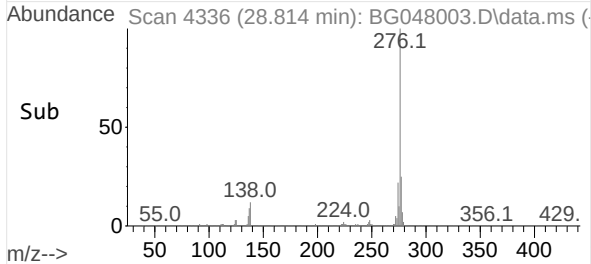




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 42.40 ng  
RT: 28.814 min Scan# 4336  
Delta R.T. -0.012 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26



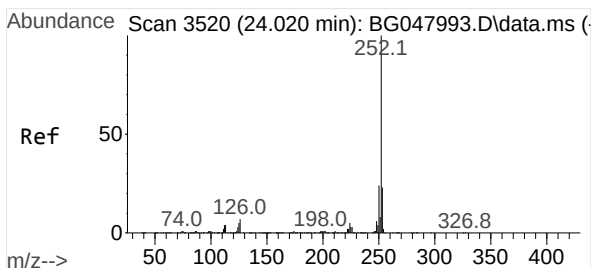
Tgt Ion:276 Resp: 1167727  
Ion Ratio Lower Upper  
276 100  
138 8.7 16.2 24.2#  
277 25.6 20.3 30.5



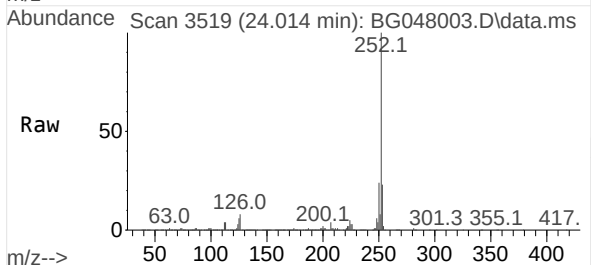
Instrument :  
BNA\_G  
ClientSampleId :  
PB134302BS

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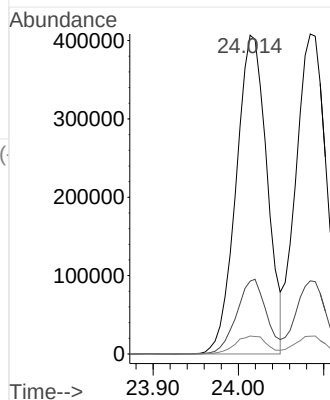
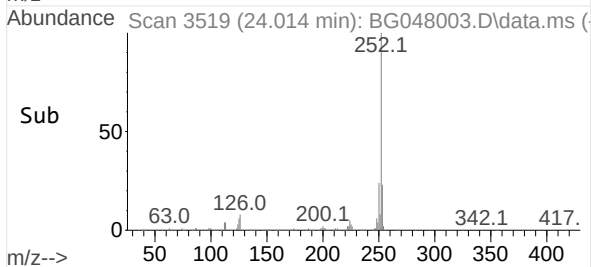
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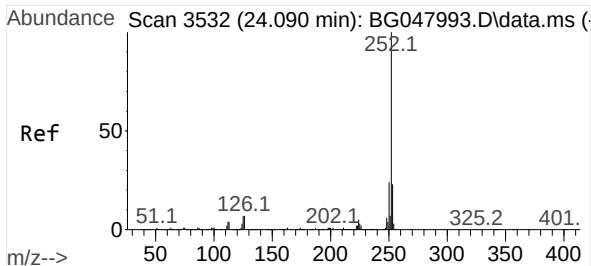


#88  
Benzo(b)fluoranthene  
Concen: 42.06 ng  
RT: 24.014 min Scan# 3519  
Delta R.T. -0.006 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26



Tgt Ion:252 Resp: 1023670  
Ion Ratio Lower Upper  
252 100  
253 22.9 18.7 28.1  
125 5.6 6.5 9.7#





#89

Benzo(k)fluoranthene

Concen: 42.23 ng

RT: 24.084 min Scan# 3531

Delta R.T. -0.006 min

Lab File: BG048003.D

Acq: 26 Jan 2021 11:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 998714 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.8  | 18.6  | 27.8   |
| 125       | 5.5   | 6.8   | 10.2#  |

Instrument :

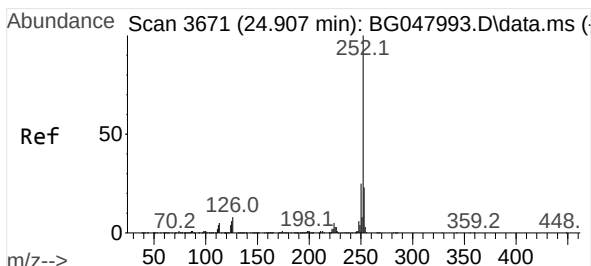
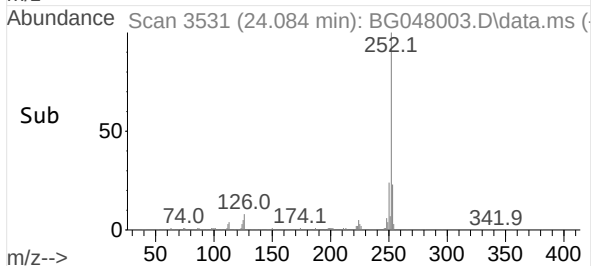
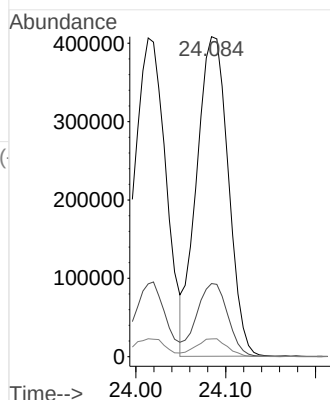
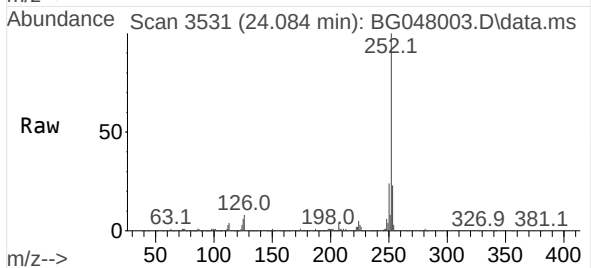
BNA\_G

ClientSampleId :

PB134302BS

Manual Integrations  
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mohammad  
1/27/2021 1:08:06 PM



#90

Benzo(a)pyrene

Concen: 40.99 ng

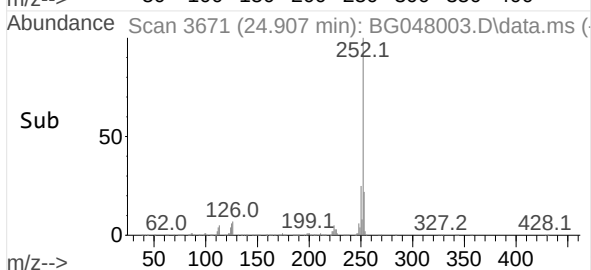
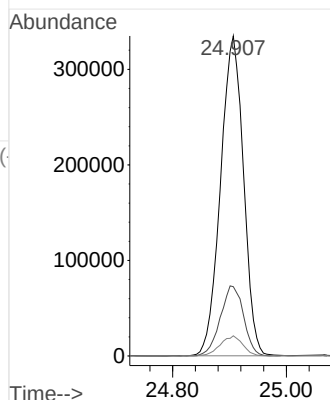
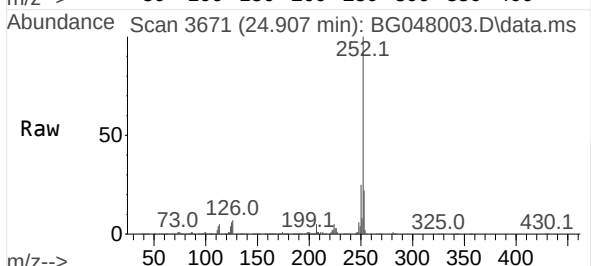
RT: 24.907 min Scan# 3671

Delta R.T. -0.000 min

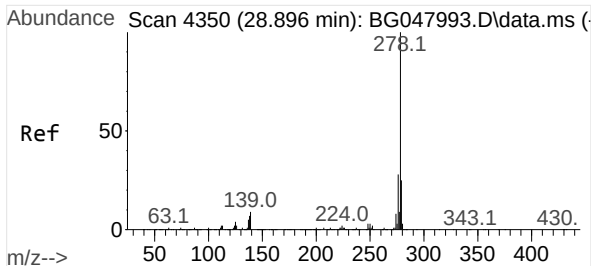
Lab File: BG048003.D

Acq: 26 Jan 2021 11:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 936857 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.6  | 17.9  | 26.9   |
| 125       | 6.3   | 7.0   | 10.4#  |

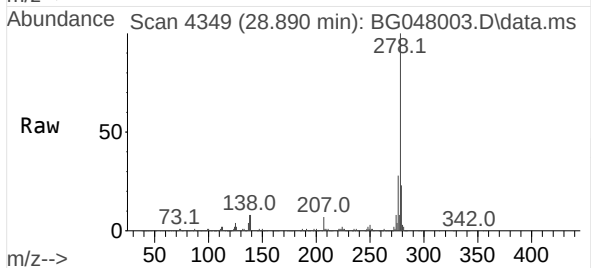






#91  
Dibenzo(a,h)anthracene  
Concen: 42.73 ng  
RT: 28.890 min Scan# 4349  
Delta R.T. -0.006 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26

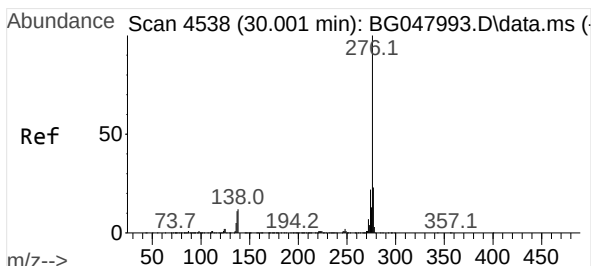
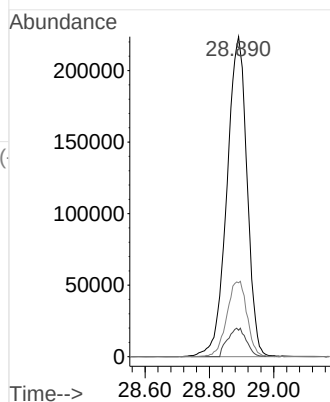
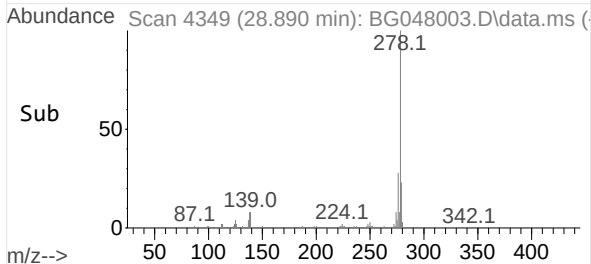
Instrument :  
BNA\_G  
ClientSampled :  
PB134302BS



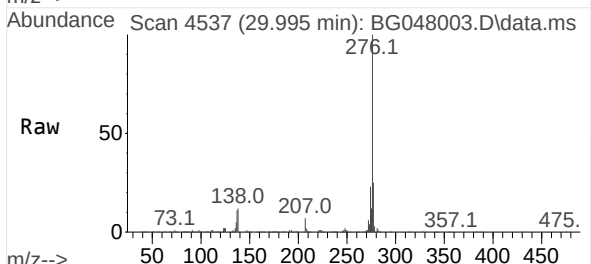
Tgt Ion:278 Resp: 971170  
Ion Ratio Lower Upper  
278 100  
139 8.2 10.5 15.7#  
279 23.1 19.4 29.0

Manual Integrations  
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#92  
Benzo(g,h,i)perylene  
Concen: 43.39 ng  
RT: 29.995 min Scan# 4537  
Delta R.T. -0.006 min  
Lab File: BG048003.D  
Acq: 26 Jan 2021 11:26



Tgt Ion:276 Resp: 950000  
Ion Ratio Lower Upper  
276 100  
277 25.1 19.6 29.4  
138 11.9 13.4 20.2#

