

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG061421\  
 Data File : BG048945.D  
 Acq On : 14 Jun 2021 11:59  
 Operator : CG/JU  
 Sample : PB137058BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB137058BS

Manual Integrations  
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mohammad  
 6/15/2021 2:38:18 PM

Quant Time: Jun 14 12:53:19 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG061121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 11 16:03:10 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.119  | 152  | 39637    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.945 | 136  | 166415   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.764 | 164  | 119261   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.514 | 188  | 282057   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.809 | 240  | 281355   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12              | 25.146 | 264  | 286521   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.663  | 112  | 343732   | 135.00 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.267  | 99   | 456360   | 119.58 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.288  | 82   | 322785   | 83.64  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.251 | 330  | 214514   | 121.41 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.389 | 172  | 660324   | 78.22  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.123 | 244  | 1184885  | 77.13  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.542  | 88   | 43126    | 34.69  | ng    | # 83     |
| 3) Pyridine                   | 3.942  | 79   | 111011   | 32.92  | ng    | 91       |
| 4) n-Nitrosodimethylamine     | 3.859  | 42   | 80829    | 50.05  | ng    | # 78     |
| 6) Aniline                    | 7.438  | 93   | 158674   | 33.02  | ng    | # 90     |
| 8) 2-Chlorophenol             | 7.678  | 128  | 123399   | 43.97  | ng    | 82       |
| 9) Benzaldehyde               | 7.250  | 77   | 45109    | 22.84  | ng    | 91       |
| 10) Phenol                    | 7.291  | 94   | 174063   | 44.15  | ng    | 90       |
| 11) bis(2-Chloroethyl)ether   | 7.532  | 93   | 119816   | 40.96  | ng    | # 79     |
| 12) 1,3-Dichlorobenzene       | 8.008  | 146  | 134385   | 42.86  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 8.154  | 146  | 133780   | 42.80  | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 8.478  | 146  | 128857   | 42.85  | ng    | 91       |
| 15) Benzyl Alcohol            | 8.354  | 79   | 145695   | 41.69  | ng    | 95       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.648  | 45   | 235313   | 42.51  | ng    | 81       |
| 17) 2-Methylphenol            | 8.554  | 107  | 117311   | 45.37  | ng    | 96       |
| 18) Hexachloroethane          | 9.212  | 117  | 54502    | 43.47  | ng    | 89       |
| 19) n-Nitroso-di-n-propyla... | 8.930  | 70   | 117042   | 39.24  | ng    | 98       |
| 20) 3+4-Methylphenols         | 8.883  | 107  | 157068   | 44.43  | ng    | 98       |
| 22) Acetophenone              | 8.948  | 105  | 214550   | 42.38  | ng    | # 97     |
| 24) Nitrobenzene              | 9.329  | 77   | 177520   | 40.83  | ng    | 98       |
| 25) Isophorone                | 9.858  | 82   | 299455   | 35.62  | ng    | 98       |
| 26) 2-Nitrophenol             | 10.046 | 139  | 66438    | 45.05  | ng    | 92       |
| 27) 2,4-Dimethylphenol        | 10.099 | 122  | 126142   | 47.18  | ng    | 94       |
| 28) bis(2-Chloroethoxy)met... | 10.340 | 93   | 163775   | 42.07  | ng    | # 93     |
| 29) 2,4-Dichlorophenol        | 10.581 | 162  | 124679   | 41.57  | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 10.804 | 180  | 139202   | 40.48  | ng    | 96       |
| 31) Naphthalene               | 10.998 | 128  | 392156   | 39.56  | ng    | 99       |
| 32) Benzoic acid              | 10.234 | 122  | 77927    | 44.62  | ng    | # 66     |
| 33) 4-Chloroaniline           | 11.098 | 127  | 44852    | 10.65  | ng    | # 95     |
| 34) Hexachlorobutadiene       | 11.286 | 225  | 98375    | 40.14  | ng    | 96       |
| 35) Caprolactam               | 11.874 | 113  | 41009m   | 47.30  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 12.208 | 107  | 150117   | 40.94  | ng    | 89       |
| 37) 2-Methylnaphthalene       | 12.596 | 142  | 286951   | 38.32  | ng    | 92       |
| 38) 1-Methylnaphthalene       | 12.814 | 142  | 266455   | 37.90  | ng    | 92       |
| 40) 1,2,4,5-Tetrachloroben... | 12.961 | 216  | 155626   | 41.09  | ng    | 96       |
| 41) Hexachlorocyclopentadiene | 12.943 | 237  | 227053   | 93.27  | ng    | 92       |
| 43) 2,4,6-Trichlorophenol     | 13.196 | 196  | 110573   | 43.64  | ng    | 96       |

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Manual Integrations  
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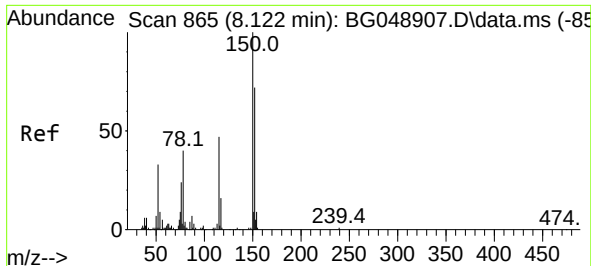
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Quant Time: Jun 14 12:53:19 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG061121.M  
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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.266 | 196  | 123728   | 47.22  | ng    | 92       |
| 46) 1,1'-Biphenyl             | 13.601 | 154  | 371740   | 42.28  | ng    | 96       |
| 47) 2-Chloronaphthalene       | 13.642 | 162  | 280078   | 39.89  | ng    | 98       |
| 48) 2-Nitroaniline            | 13.836 | 65   | 118811   | 46.55  | ng    | 91       |
| 49) Acenaphthylene            | 14.488 | 152  | 469915   | 40.16  | ng    | 97       |
| 50) Dimethylphthalate         | 14.218 | 163  | 381588   | 41.08  | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 14.329 | 165  | 83790    | 44.29  | ng    | 96       |
| 52) Acenaphthene              | 14.829 | 154  | 344476   | 45.68  | ng    | 90       |
| 53) 3-Nitroaniline            | 14.659 | 138  | 53599    | 27.98  | ng #  | 77       |
| 54) 2,4-Dinitrophenol         | 14.864 | 184  | 97030    | 110.72 | ng    | 94       |
| 55) Dibenzofuran              | 15.164 | 168  | 456192   | 38.92  | ng    | 99       |
| 56) 4-Nitrophenol             | 14.958 | 139  | 144723   | 92.68  | ng    | 86       |
| 57) 2,4-Dinitrotoluene        | 15.117 | 165  | 120159   | 51.71  | ng    | 93       |
| 58) Fluorene                  | 15.816 | 166  | 377858   | 39.42  | ng    | 94       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.387 | 232  | 113259   | 42.70  | ng #  | 100      |
| 60) Diethylphthalate          | 15.581 | 149  | 412525   | 41.00  | ng    | 96       |
| 61) 4-Chlorophenyl-phenyle... | 15.804 | 204  | 206174   | 41.13  | ng    | 99       |
| 62) 4-Nitroaniline            | 15.828 | 138  | 89293    | 46.10  | ng #  | 80       |
| 63) Azobenzene                | 16.098 | 77   | 441486   | 38.35  | ng    | 87       |
| 65) 4,6-Dinitro-2-methylph... | 15.881 | 198  | 62663    | 46.85  | ng    | 91       |
| 66) n-Nitrosodiphenylamine    | 16.016 | 169  | 334949   | 38.11  | ng    | 96       |
| 67) 4-Bromophenyl-phenylether | 16.703 | 248  | 138627   | 39.36  | ng    | 94       |
| 68) Hexachlorobenzene         | 16.821 | 284  | 152257   | 39.89  | ng    | 97       |
| 69) Atrazine                  | 16.968 | 200  | 144826   | 51.33  | ng    | 98       |
| 70) Pentachlorophenol         | 17.161 | 266  | 202935   | 88.46  | ng    | 97       |
| 71) Phenanthrene              | 17.561 | 178  | 631704   | 39.80  | ng    | 98       |
| 72) Anthracene                | 17.649 | 178  | 642536   | 40.29  | ng    | 98       |
| 73) Carbazole                 | 17.914 | 167  | 609312   | 39.86  | ng    | 98       |
| 74) Di-n-butylphthalate       | 18.478 | 149  | 751822   | 43.85  | ng    | 98       |
| 75) Fluoranthene              | 19.565 | 202  | 800359   | 41.82  | ng    | 97       |
| 77) Benzidine                 | 19.741 | 184  | 325516   | 57.43  | ng    | 97       |
| 78) Pyrene                    | 19.929 | 202  | 808660   | 39.60  | ng    | 96       |
| 80) Butylbenzylphthalate      | 20.810 | 149  | 325645   | 42.26  | ng    | 95       |
| 81) Benzo(a)anthracene        | 21.791 | 228  | 804029   | 39.80  | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.697 | 252  | 202087   | 31.28  | ng    | 97       |
| 83) Chrysene                  | 21.862 | 228  | 764763   | 39.48  | ng    | 95       |
| 84) Bis(2-ethylhexyl)phtha... | 21.697 | 149  | 470051   | 42.80  | ng #  | 98       |
| 85) Di-n-octyl phthalate      | 22.961 | 149  | 812552   | 43.62  | ng #  | 95       |
| 87) Indeno(1,2,3-cd)pyrene    | 28.983 | 276  | 950918   | 44.10  | ng #  | 96       |
| 88) Benzo(b)fluoranthene      | 24.089 | 252  | 850104   | 41.62  | ng #  | 94       |
| 89) Benzo(k)fluoranthene      | 24.159 | 252  | 801068   | 41.34  | ng #  | 99       |
| 90) Benzo(a)pyrene            | 24.999 | 252  | 810509   | 43.47  | ng #  | 97       |
| 91) Dibenzo(a,h)anthracene    | 29.059 | 278  | 795604   | 44.15  | ng #  | 96       |
| 92) Benzo(g,h,i)perylene      | 30.187 | 276  | 795490   | 43.77  | ng #  | 96       |

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





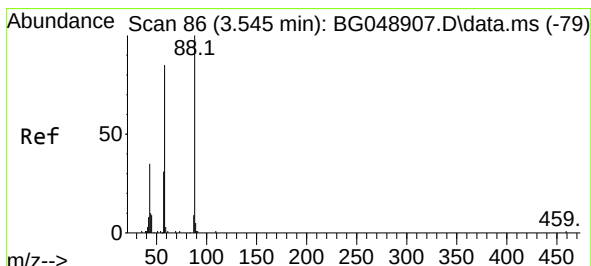
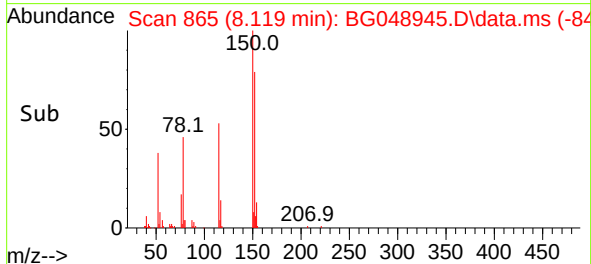
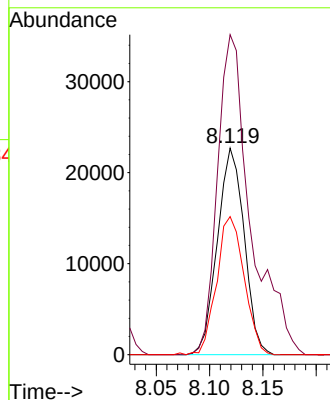
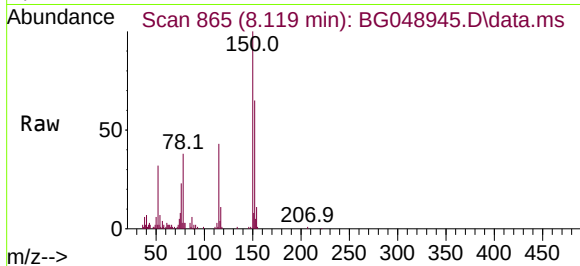
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1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.119 min Scan# 865  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

Tgt Ion: 152 Resp: 39637  
Ion Ratio Lower Upper  
152 100  
150 154.9 119.4 179.0  
115 66.8 60.2 90.4

Instrument :  
BNA\_G  
ClientSampleId :  
PB137058BS

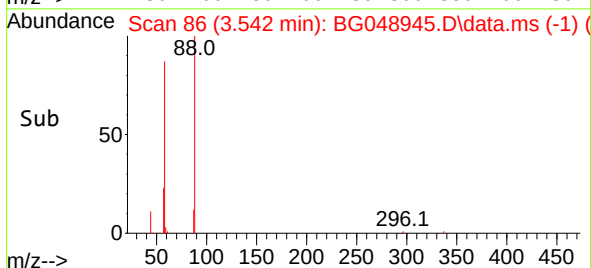
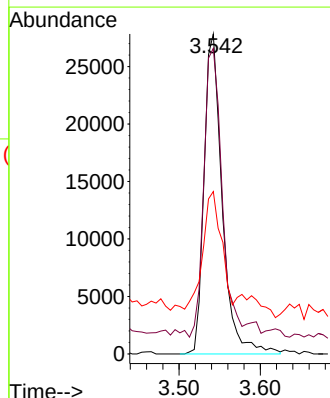
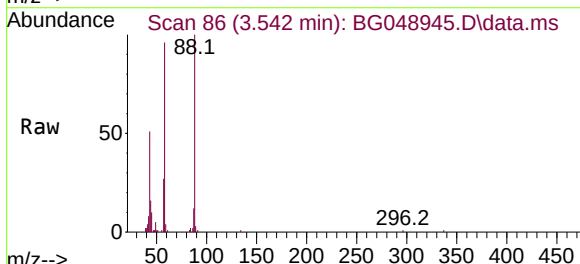
Manual Integrations  
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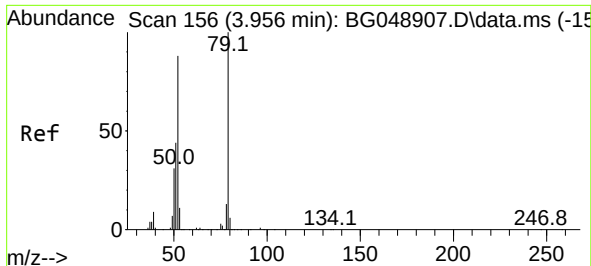
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#2  
1,4-Dioxane  
Concen: 34.69 ng  
RT: 3.542 min Scan# 86  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

Tgt Ion: 88 Resp: 43126  
Ion Ratio Lower Upper  
88 100  
58 90.5 55.7 83.5#  
43 37.7 29.3 43.9





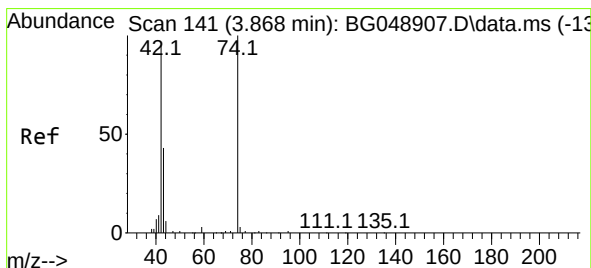
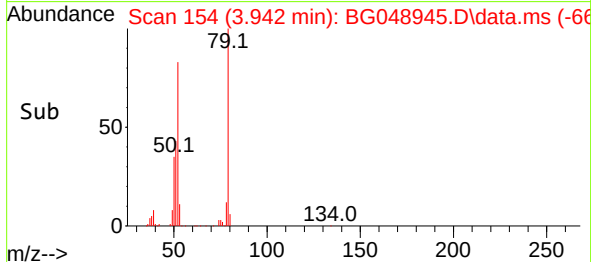
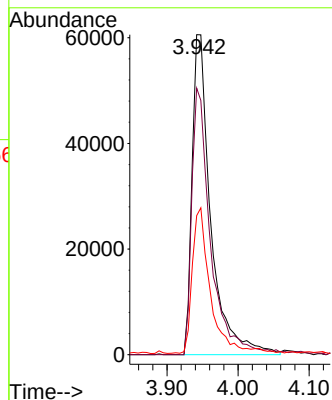
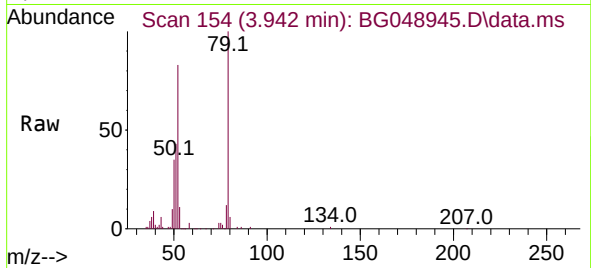
#3  
Pyridine  
Concen: 32.92 ng  
RT: 3.942 min Scan# 154  
Delta R.T. -0.015 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

Tgt Ion: 79 Resp: 111011  
Ion Ratio Lower Upper  
79 100  
52 83.3 58.4 87.6  
51 43.4 37.0 55.6

Instrument :  
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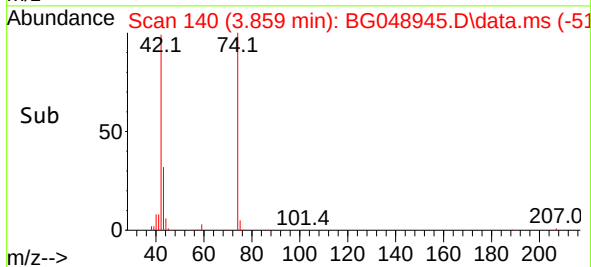
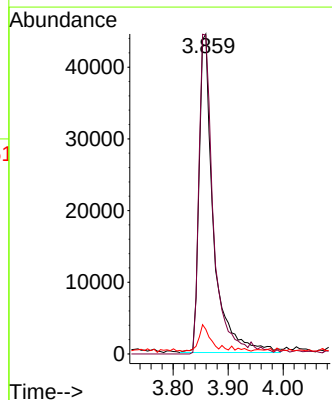
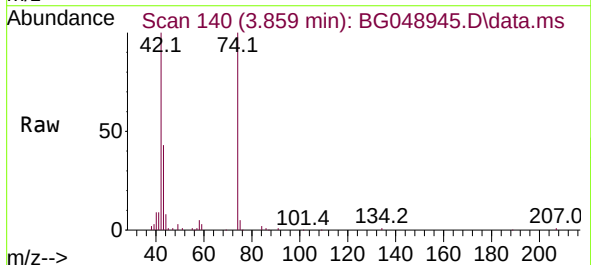
Manual Integrations  
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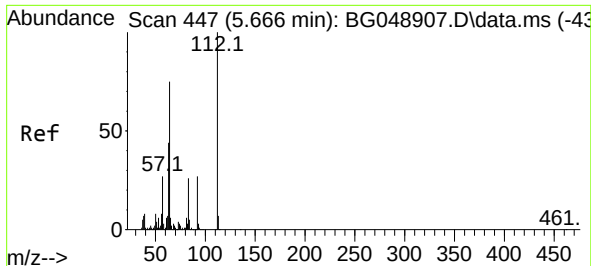
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#4  
n-Nitrosodimethylamine  
Concen: 50.05 ng  
RT: 3.859 min Scan# 140  
Delta R.T. -0.009 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

Tgt Ion: 42 Resp: 80829  
Ion Ratio Lower Upper  
42 100  
74 99.7 64.0 96.0#  
44 7.7 2.7 4.1#





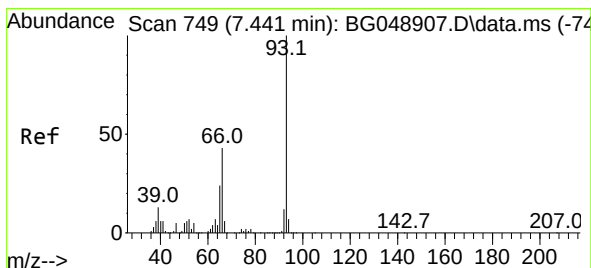
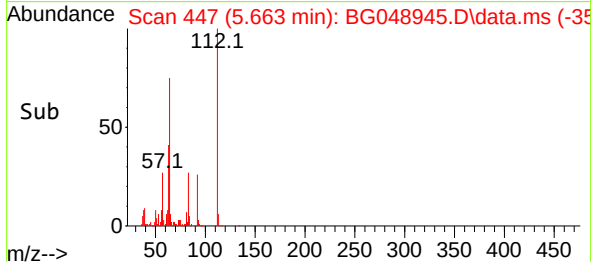
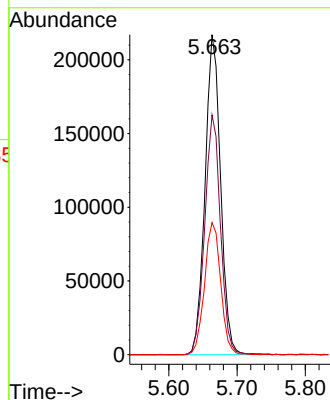
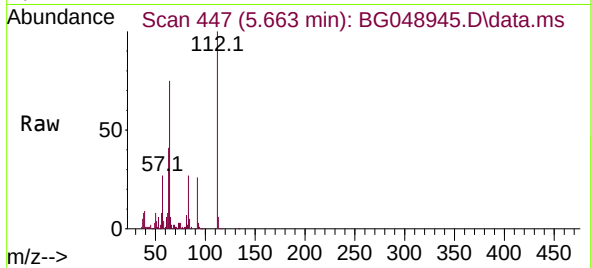
#5  
2-Fluorophenol  
Concen: 135.00 ng  
RT: 5.663 min Scan# 447  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

Tgt Ion: 112 Resp: 343732  
Ion Ratio Lower Upper  
112 100  
64 74.9 46.7 70.1#  
63 41.3 35.3 52.9

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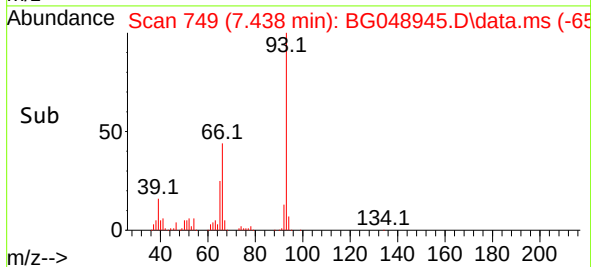
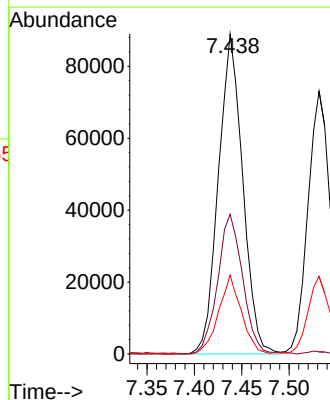
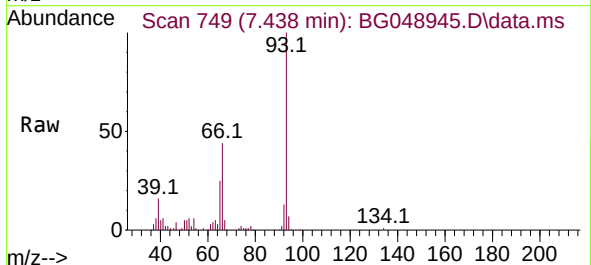
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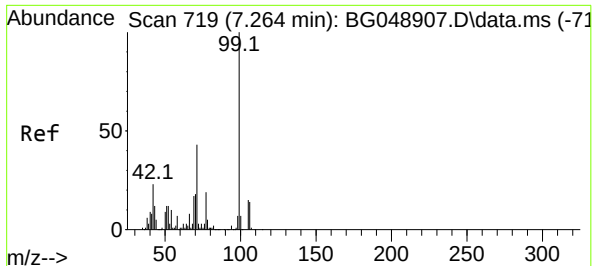
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#6  
Aniline  
Concen: 33.02 ng  
RT: 7.438 min Scan# 749  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
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Tgt Ion: 93 Resp: 158674  
Ion Ratio Lower Upper  
93 100  
66 43.6 30.6 45.8  
65 24.6 15.0 22.4#





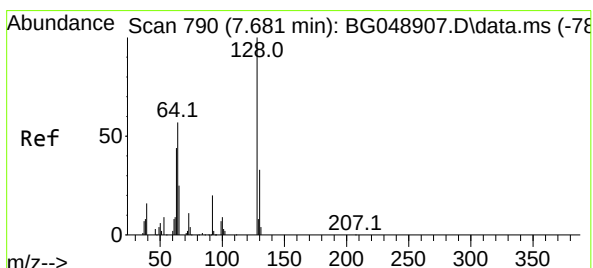
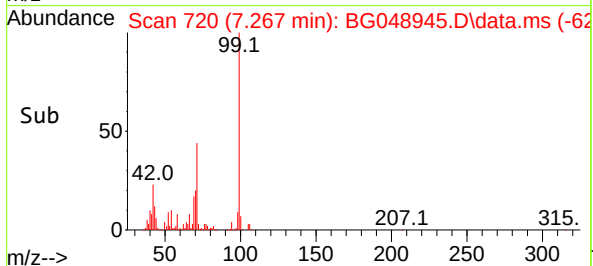
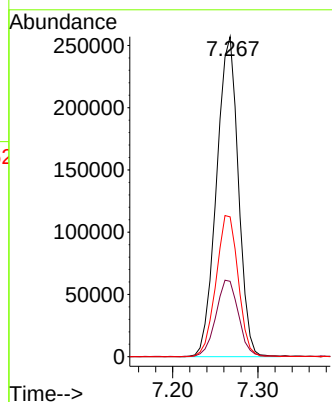
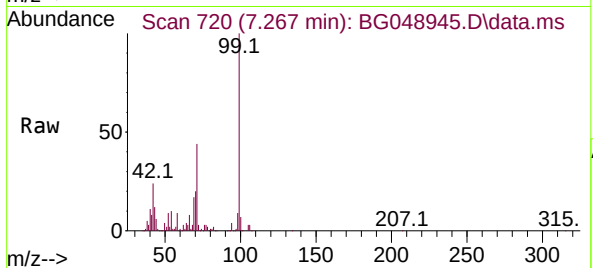
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Phenol-d6  
Concen: 119.58 ng  
RT: 7.267 min Scan# 720  
Delta R.T. 0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 99    | Resp: | 456360 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 23.6  | 20.5  | 30.7   |
| 71       | 43.7  | 41.5  | 62.3   |

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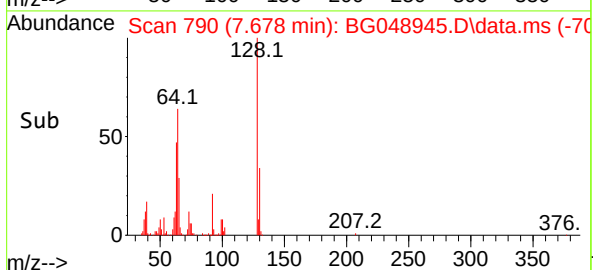
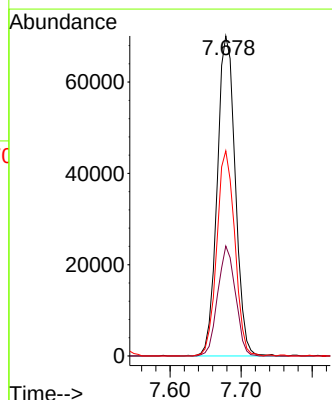
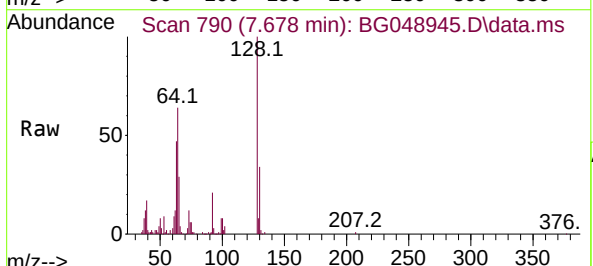
Manual Integrations  
APPROVED

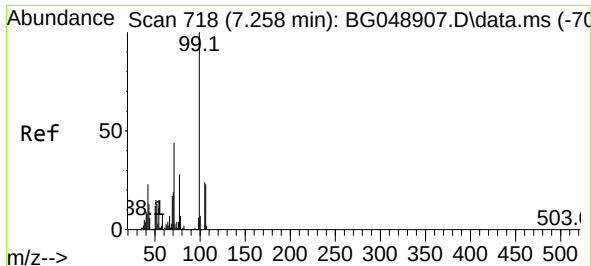
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#8  
2-Chlorophenol  
Concen: 43.97 ng  
RT: 7.678 min Scan# 790  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 123399 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 130      | 34.3  | 10.0  | 50.0   |
| 64       | 64.1  | 28.1  | 68.1   |





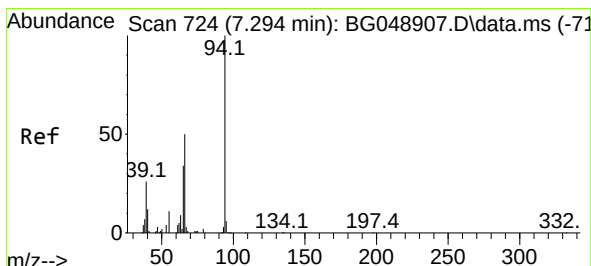
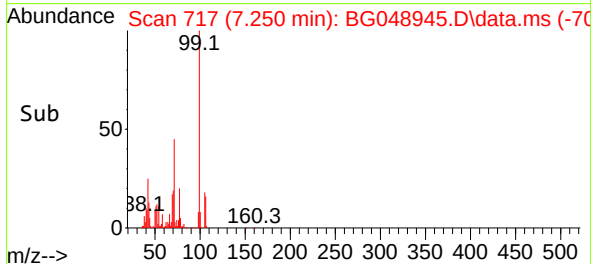
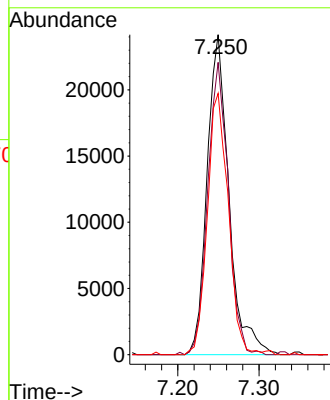
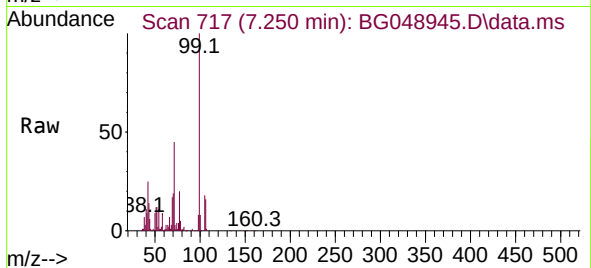
#9  
Benzaldehyde  
Concen: 22.84 ng  
RT: 7.250 min Scan# 717  
Delta R.T. -0.009 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

Tgt Ion: 77 Resp: 45109  
Ion Ratio Lower Upper  
77 100  
105 91.3 68.8 108.8  
106 81.7 47.9 87.9

Instrument :  
BNA\_G  
ClientSampleId :  
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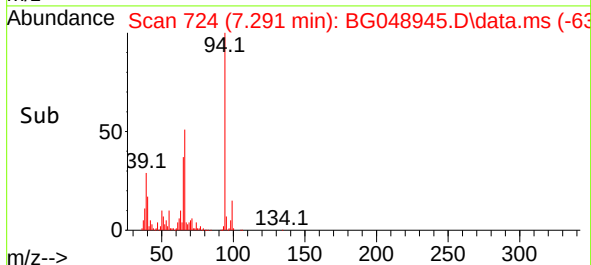
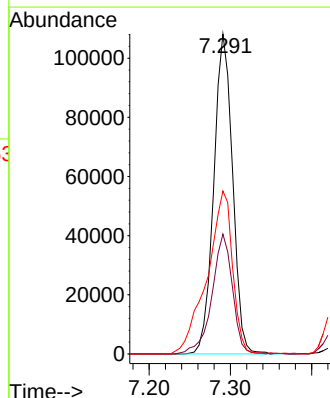
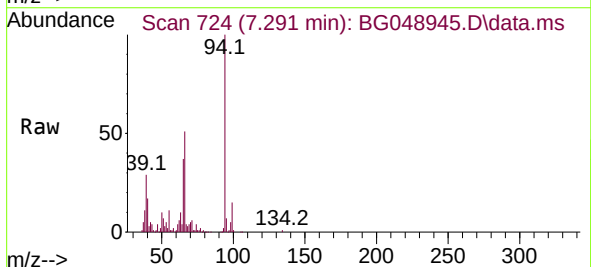
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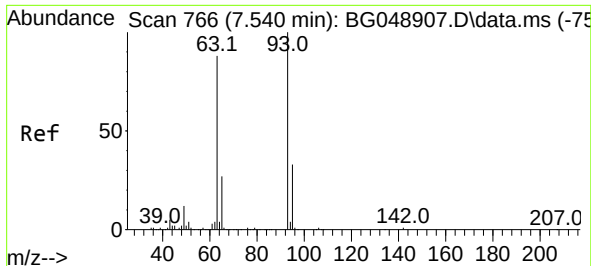


#10  
Phenol  
Concen: 44.15 ng  
RT: 7.291 min Scan# 724  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

Tgt Ion: 94 Resp: 174063  
Ion Ratio Lower Upper  
94 100  
65 37.4 12.9 52.9  
66 50.9 39.4 79.4

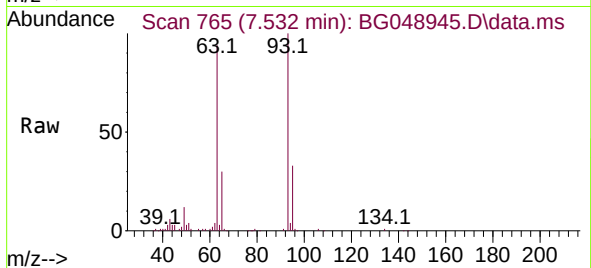






#11  
bis(2-Chloroethyl)ether  
Concen: 40.96 ng  
RT: 7.532 min Scan# 765  
Delta R.T. -0.009 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

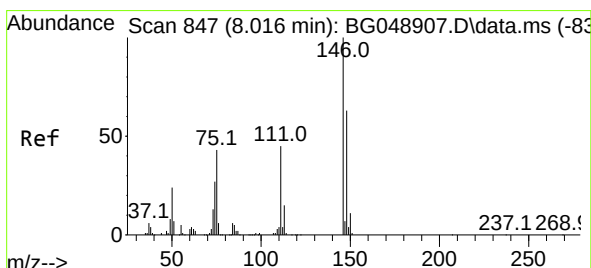
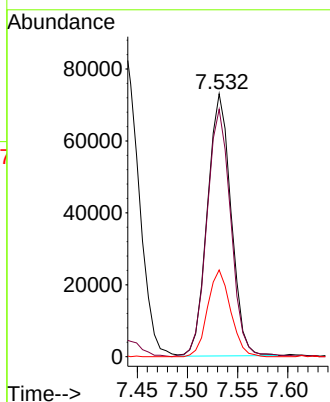
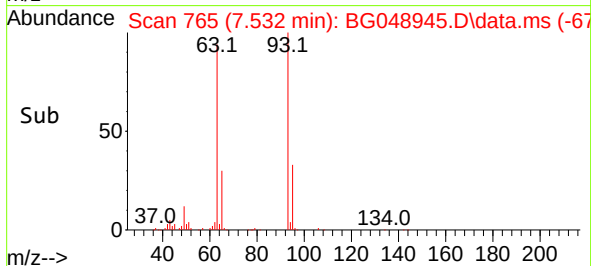
Instrument :  
BNA\_G  
ClientSampleId :  
PB137058BS



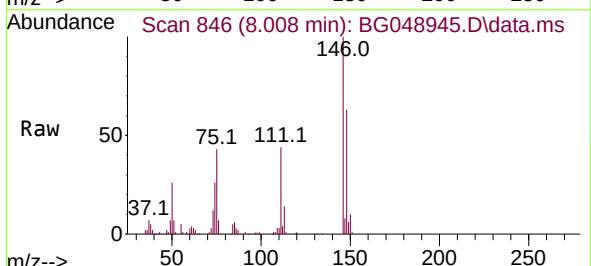
Tgt Ion: 93 Resp: 119816  
Ion Ratio Lower Upper  
93 100  
63 94.1 50.4 90.4#  
95 33.0 15.3 55.3

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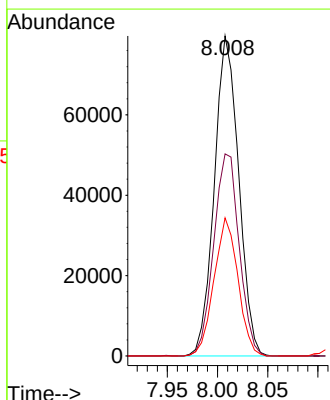
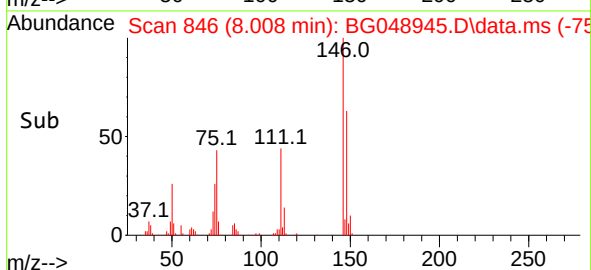
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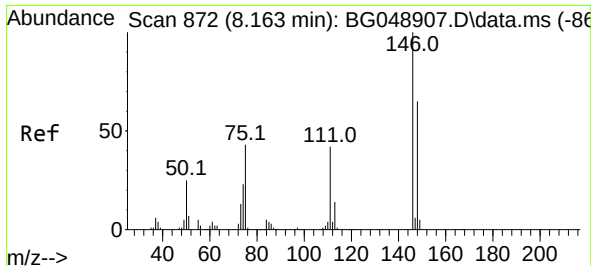


#12  
1,3-Dichlorobenzene  
Concen: 42.86 ng  
RT: 8.008 min Scan# 846  
Delta R.T. -0.009 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59



Tgt Ion: 146 Resp: 134385  
Ion Ratio Lower Upper  
146 100  
148 63.2 52.6 78.8  
75 43.2 35.7 53.5





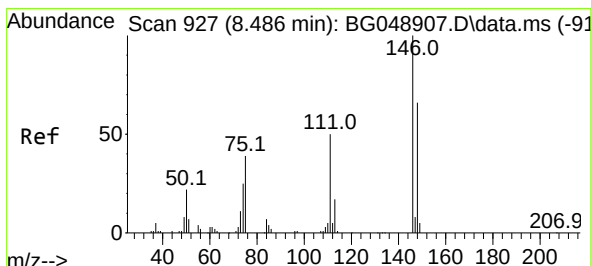
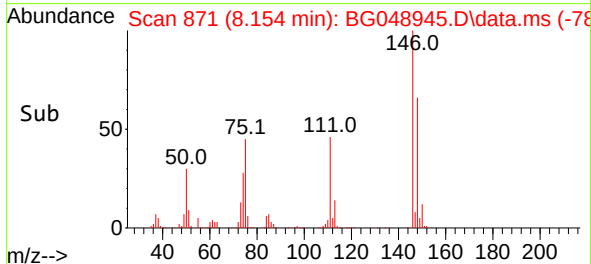
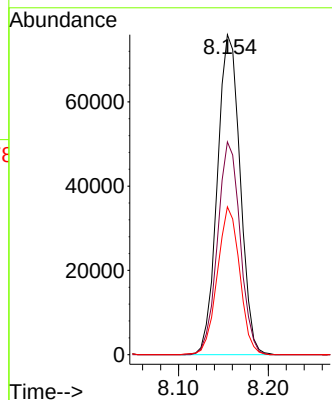
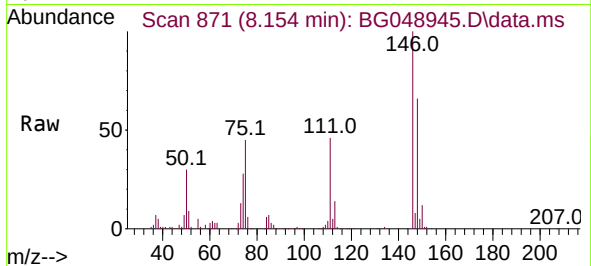
#13  
1,4-Dichlorobenzene  
Concen: 42.80 ng  
RT: 8.154 min Scan# 871  
Delta R.T. -0.009 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

Tgt Ion:146 Resp: 133780  
Ion Ratio Lower Upper  
146 100  
148 66.5 54.0 81.0  
111 46.2 34.3 51.5

Instrument :  
BNA\_G  
ClientSampleId :  
PB137058BS

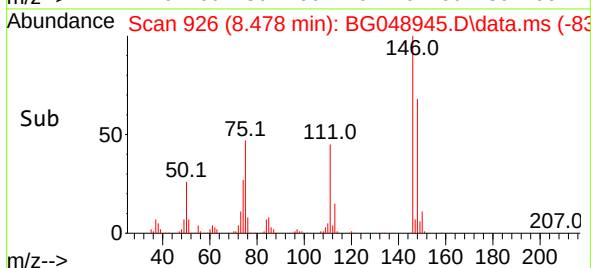
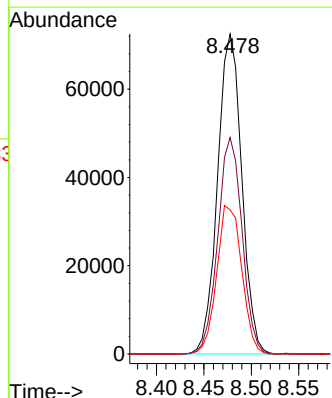
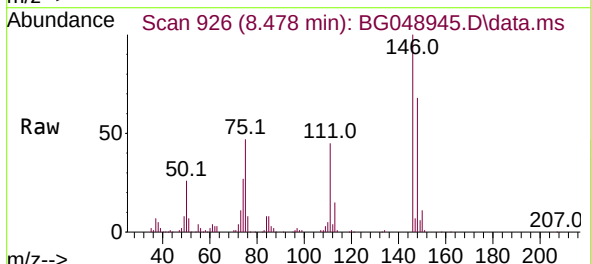
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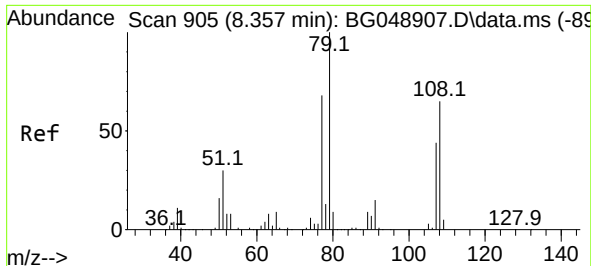
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#14  
1,2-Dichlorobenzene  
Concen: 42.85 ng  
RT: 8.478 min Scan# 926  
Delta R.T. -0.009 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

Tgt Ion:146 Resp: 128857  
Ion Ratio Lower Upper  
146 100  
148 67.7 47.5 71.3  
111 45.0 39.1 58.7





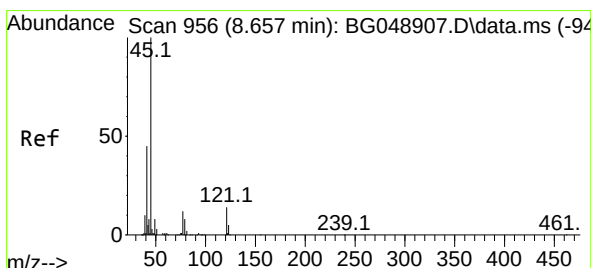
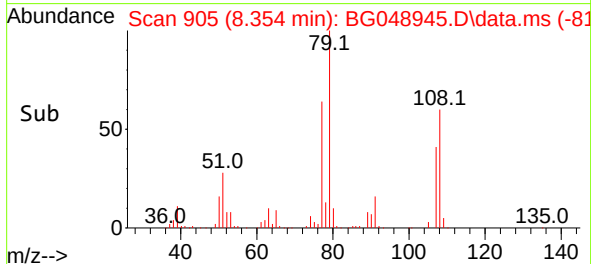
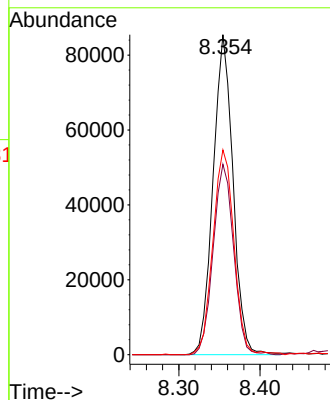
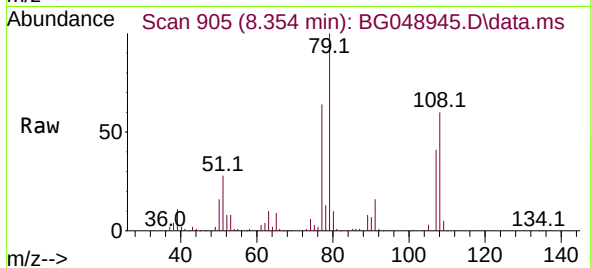
#15  
Benzyl Alcohol  
Concen: 41.69 ng  
RT: 8.354 min Scan# 905  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

Tgt Ion: 79 Resp: 145695  
Ion Ratio Lower Upper  
79 100  
108 59.5 48.2 72.4  
77 64.0 57.3 85.9

Instrument :  
BNA\_G  
ClientSampleId :  
PB137058BS

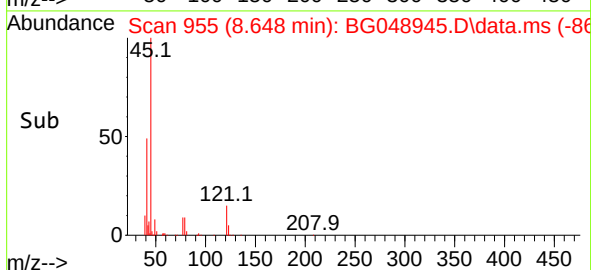
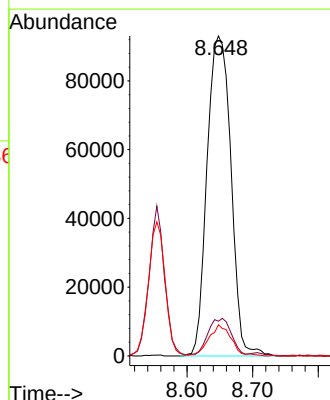
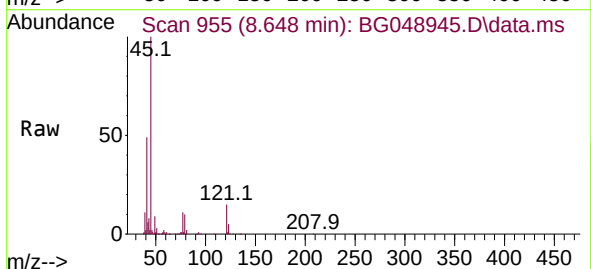
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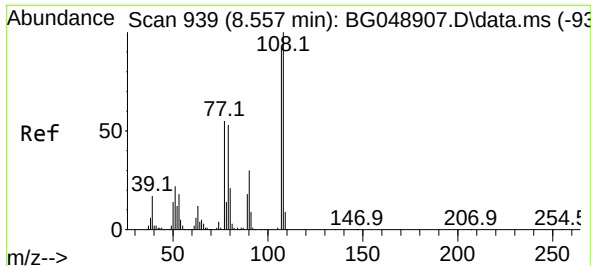
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 42.51 ng  
RT: 8.648 min Scan# 955  
Delta R.T. -0.009 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

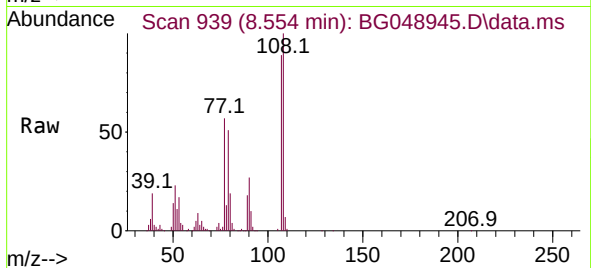
Tgt Ion: 45 Resp: 235313  
Ion Ratio Lower Upper  
45 100  
77 10.8 2.2 42.2  
79 9.7 0.0 34.3





#17  
2-Methylphenol  
Concen: 45.37 ng  
RT: 8.554 min Scan# 939  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

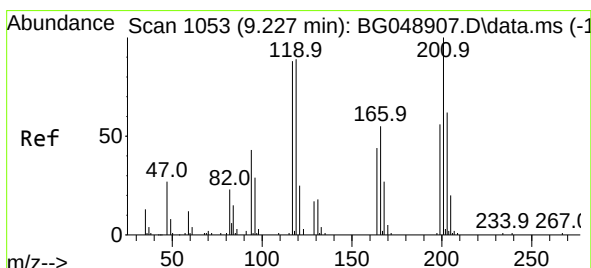
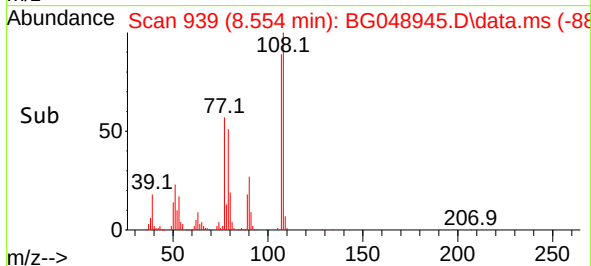
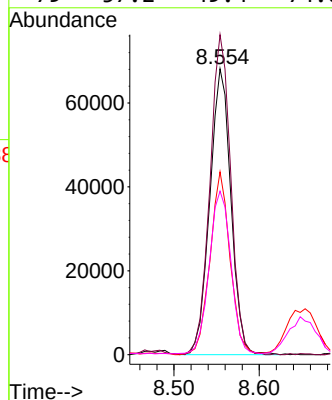
Instrument :  
BNA\_G  
ClientSampleId :  
PB137058BS



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 117311 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 111.9 | 84.6  | 127.0  |
| 77        | 64.0  | 50.7  | 76.1   |
| 79        | 57.2  | 49.4  | 74.0   |

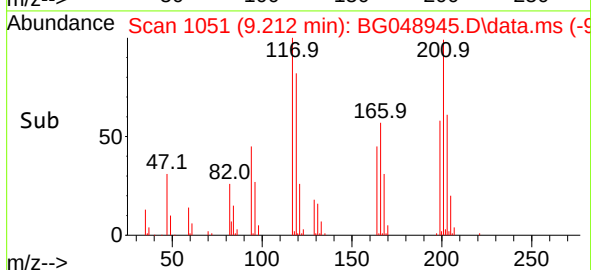
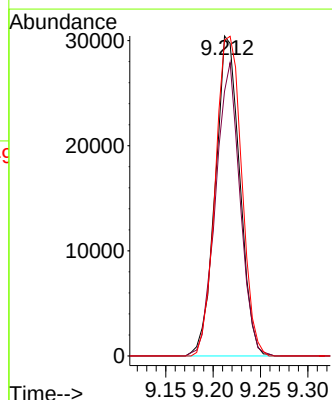
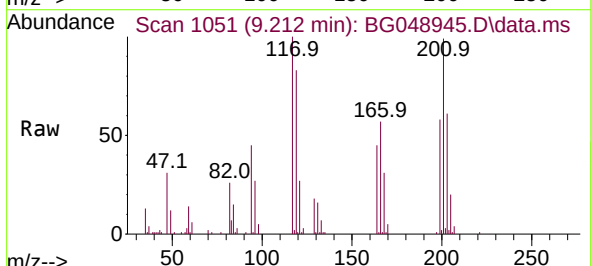
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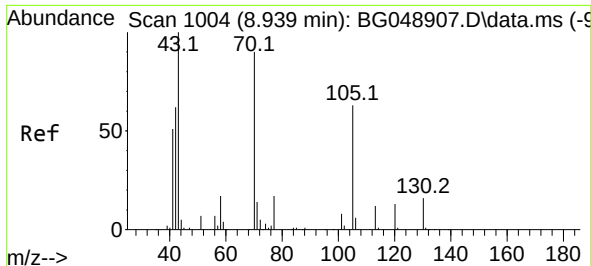
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#18  
Hexachloroethane  
Concen: 43.47 ng  
RT: 9.212 min Scan# 1051  
Delta R.T. -0.015 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 54502 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 82.7  | 74.4  | 111.6 |
| 201       | 98.7  | 88.6  | 133.0 |





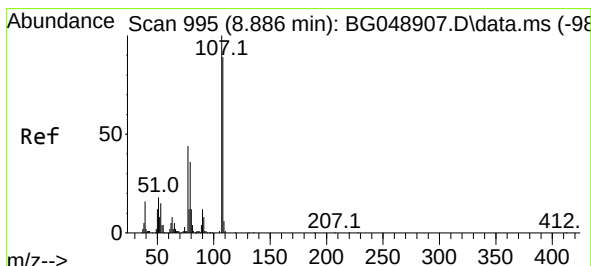
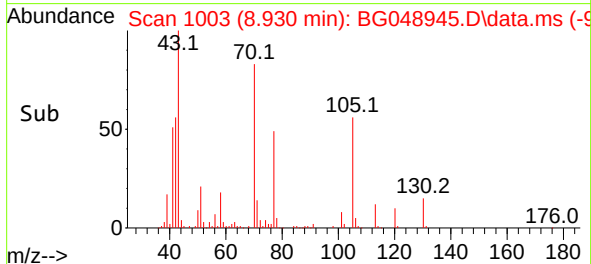
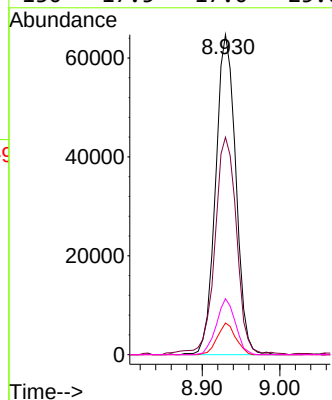
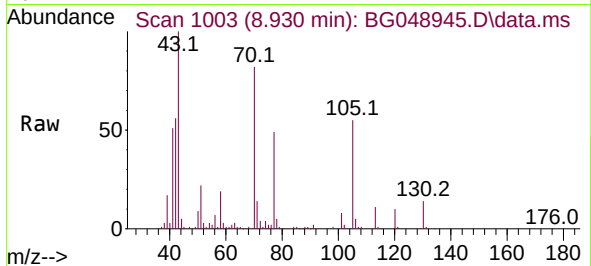
#19  
n-Nitroso-di-n-propylamine  
Concen: 39.24 ng  
RT: 8.930 min Scan# 1003  
Delta R.T. -0.009 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 117042 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 68.0  | 54.5  | 81.7   |
| 101      | 9.9   | 9.0   | 13.6   |
| 130      | 17.5  | 17.0  | 25.6   |

Instrument :  
BNA\_G  
ClientSampleId :  
PB137058BS

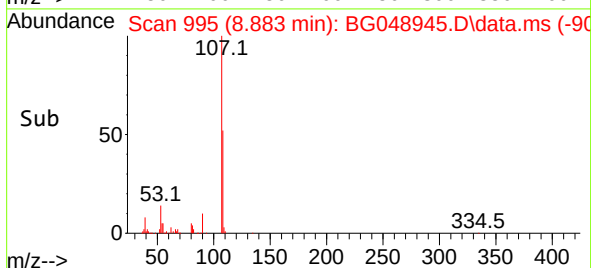
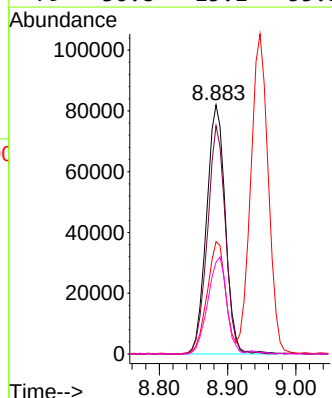
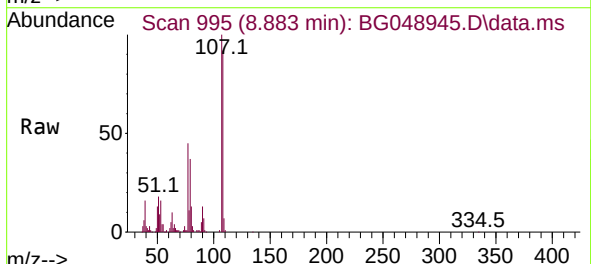
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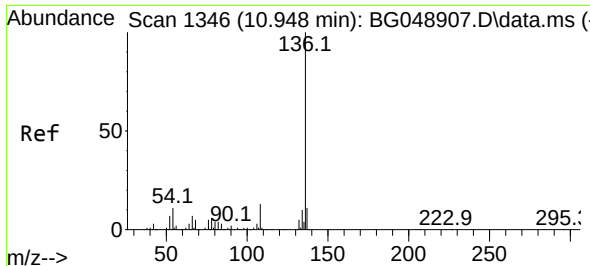
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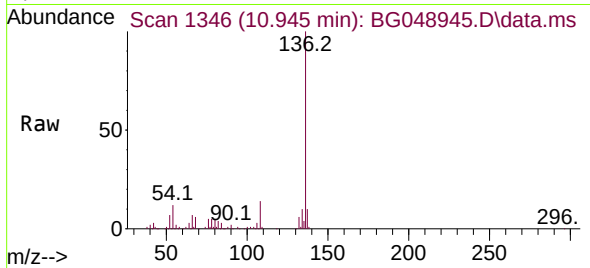
#20  
3+4-Methylphenols  
Concen: 44.43 ng  
RT: 8.883 min Scan# 995  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 157068 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 91.6  | 69.3  | 109.3  |
| 77       | 45.1  | 25.2  | 65.2   |
| 79       | 36.8  | 15.1  | 55.1   |

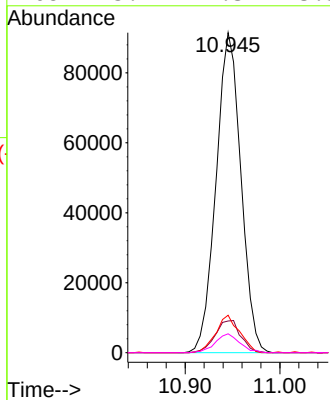
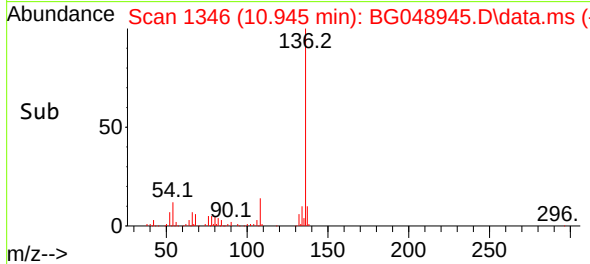




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.945 min Scan# 1346  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59



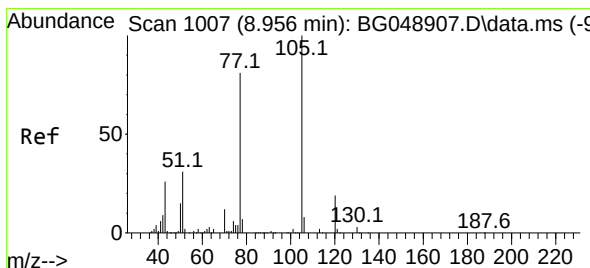
Tgt Ion:136 Resp: 166415  
Ion Ratio Lower Upper  
136 100  
137 9.9 8.2 12.2  
54 11.7 5.5 8.3#  
68 5.9 2.3 3.5#



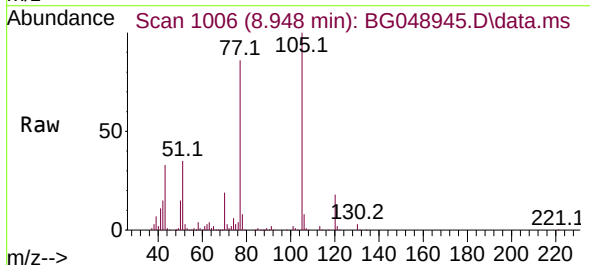
Instrument :  
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ClientSampleId :  
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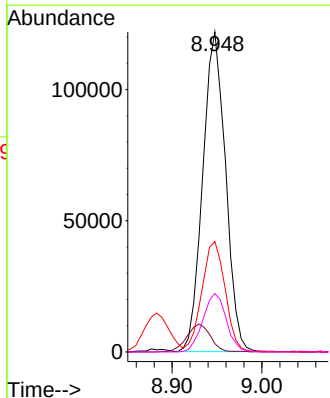
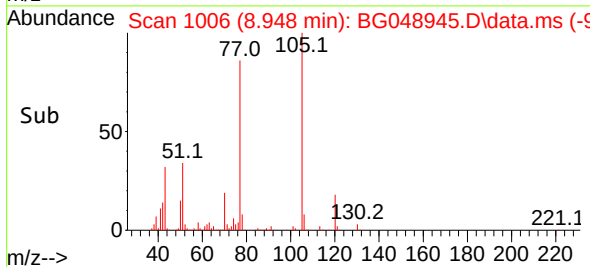
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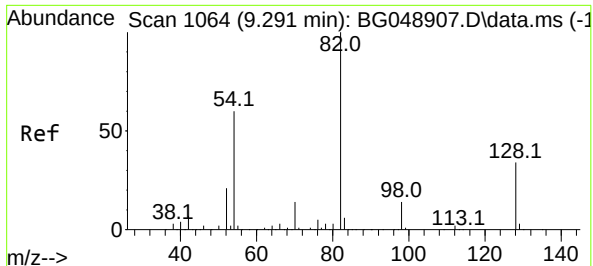


#22  
Acetophenone  
Concen: 42.38 ng  
RT: 8.948 min Scan# 1006  
Delta R.T. -0.009 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

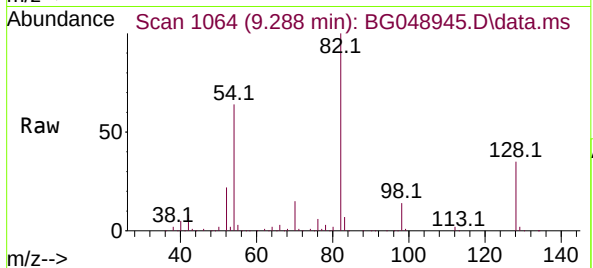


Tgt Ion:105 Resp: 214550  
Ion Ratio Lower Upper  
105 100  
71 2.6 0.6 0.8#  
51 34.6 26.6 40.0  
120 18.2 16.2 24.4

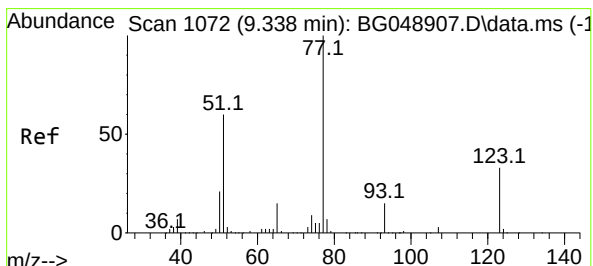
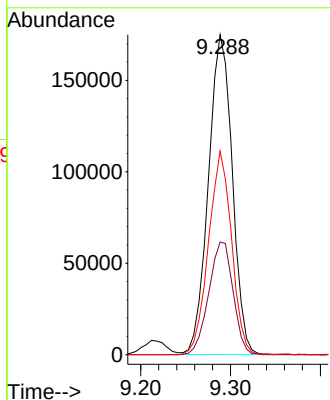
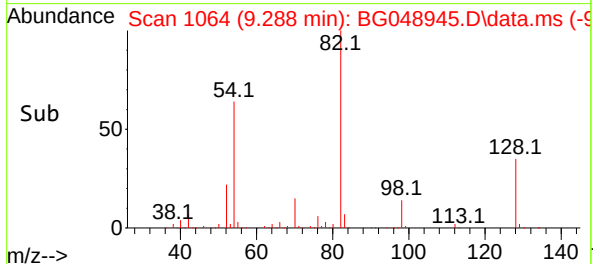




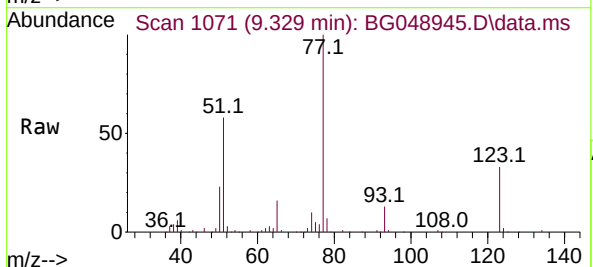
#23  
Nitrobenzene-d5  
Concen: 83.64 ng  
RT: 9.288 min Scan# 1064  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59



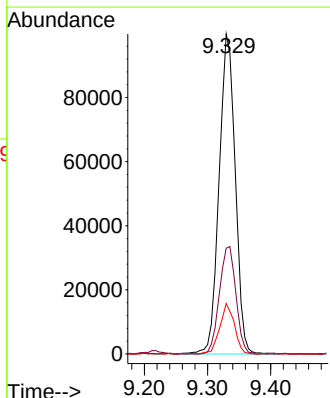
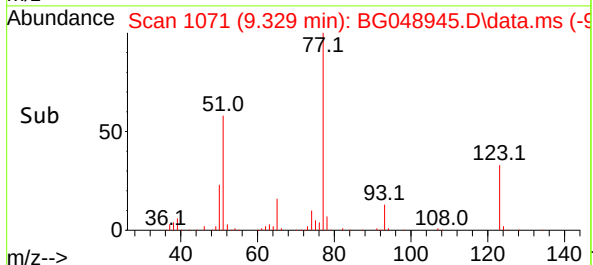
Tgt Ion: 82 Resp: 322785  
Ion Ratio Lower Upper  
82 100  
128 35.2 29.8 44.6  
54 63.6 45.8 68.8



#24  
Nitrobenzene  
Concen: 40.83 ng  
RT: 9.329 min Scan# 1071  
Delta R.T. -0.009 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59



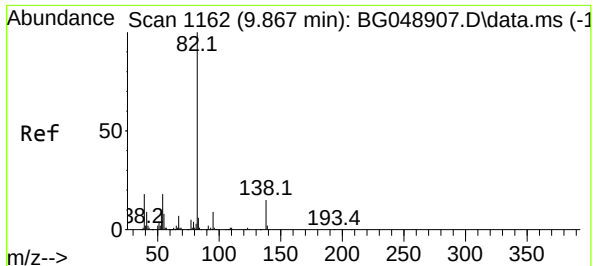
Tgt Ion: 77 Resp: 177520  
Ion Ratio Lower Upper  
77 100  
123 33.1 27.5 41.3  
65 15.8 12.6 18.8



Instrument :  
BNA\_G  
ClientSampleId :  
PB137058BS

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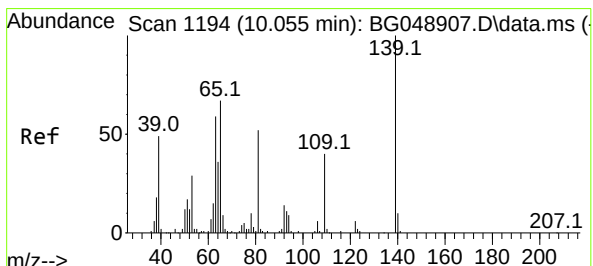
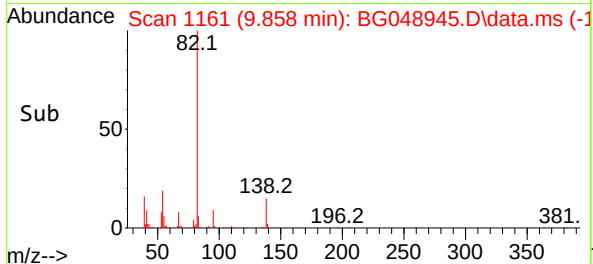
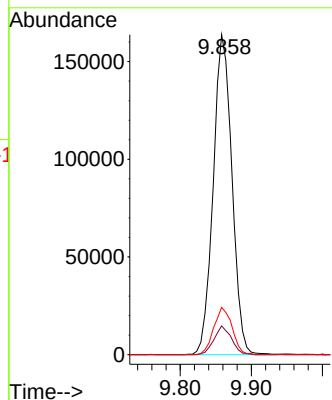
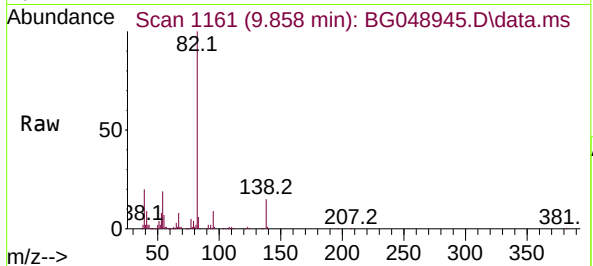
#25  
Isophorone  
Concen: 35.62 ng  
RT: 9.858 min Scan# 1161  
Delta R.T. -0.009 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

|             |              |
|-------------|--------------|
| Tgt Ion: 82 | Resp: 299455 |
| Ion Ratio   | Lower Upper  |
| 82 100      |              |
| 95 9.0      | 8.5 12.7     |
| 138 14.8    | 11.8 17.6    |

Instrument :  
BNA\_G  
ClientSampleId :  
PB137058BS

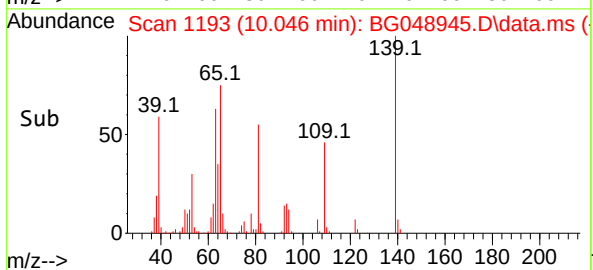
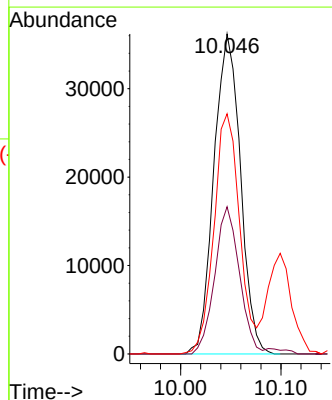
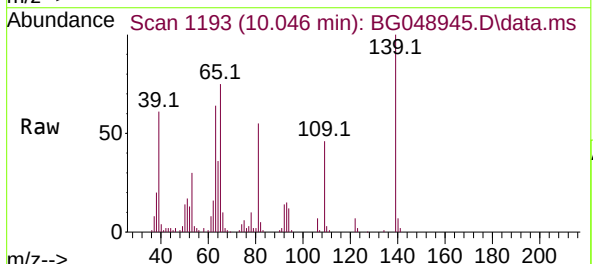
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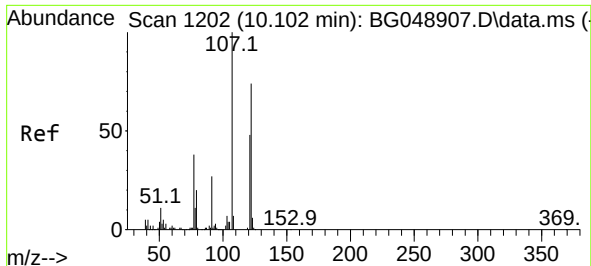


#26  
2-Nitrophenol  
Concen: 45.05 ng  
RT: 10.046 min Scan# 1193  
Delta R.T. -0.009 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

|             |             |       |  |
|-------------|-------------|-------|--|
| Tgt Ion:139 | Resp: 66438 |       |  |
| Ion Ratio   | Lower       | Upper |  |
| 139 100     |             |       |  |
| 109 46.0    | 37.8        | 56.6  |  |
| 65 75.0     | 51.8        | 77.8  |  |







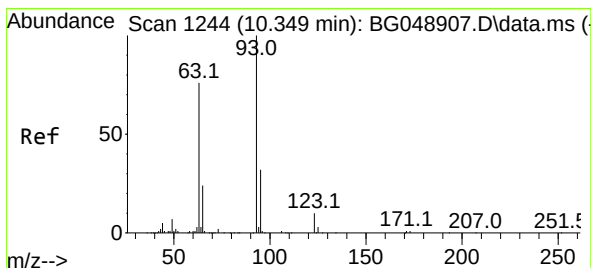
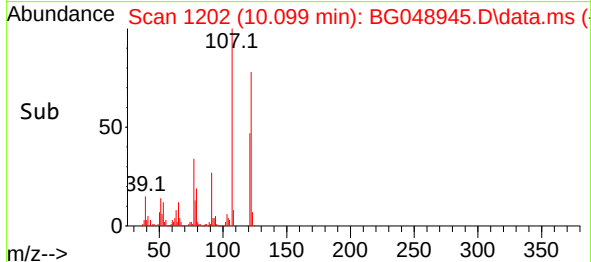
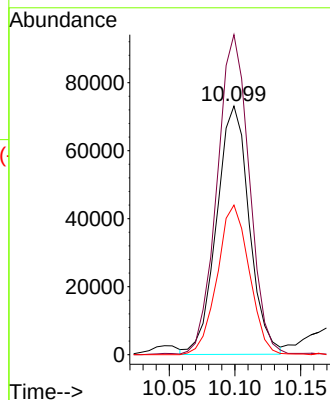
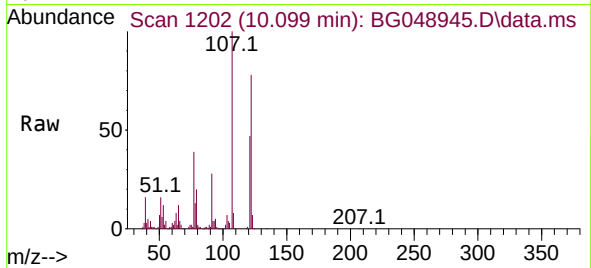
#27  
2,4-Dimethylphenol  
Concen: 47.18 ng  
RT: 10.099 min Scan# 1202  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

Tgt Ion:122 Resp: 126142  
Ion Ratio Lower Upper  
122 100  
107 128.7 110.1 165.1  
121 60.2 49.0 73.6

Instrument :  
BNA\_G  
ClientSampleId :  
PB137058BS

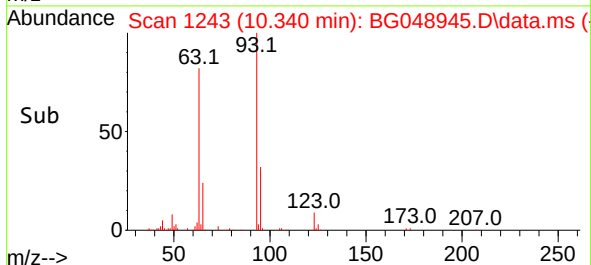
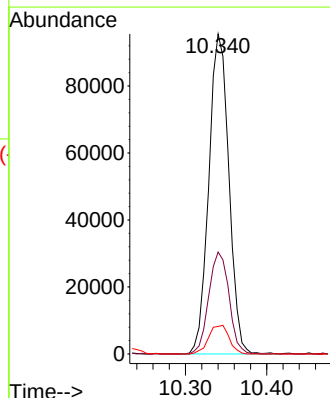
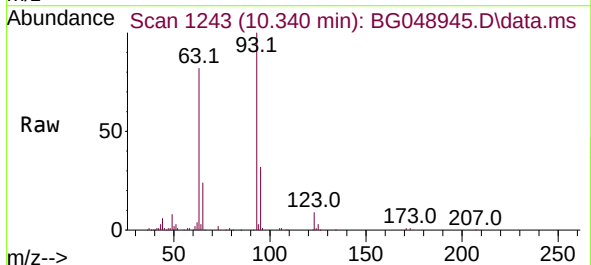
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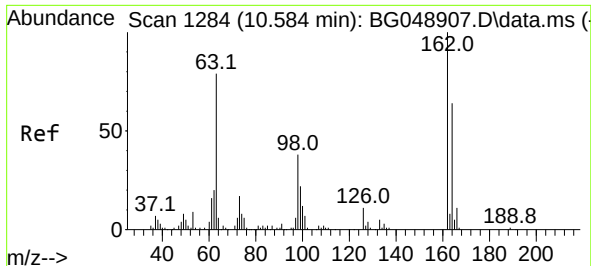
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#28  
bis(2-Chloroethoxy)methane  
Concen: 42.07 ng  
RT: 10.340 min Scan# 1243  
Delta R.T. -0.009 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

Tgt Ion: 93 Resp: 163775  
Ion Ratio Lower Upper  
93 100  
95 31.9 22.2 33.4  
123 8.6 8.8 13.2#





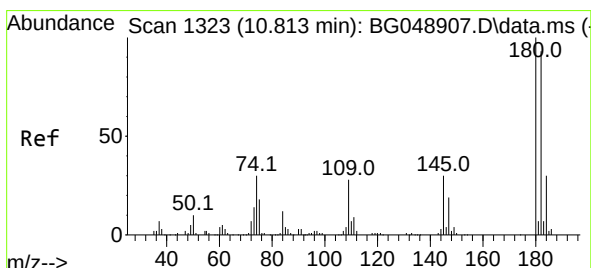
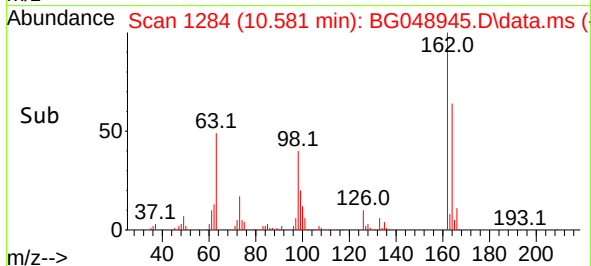
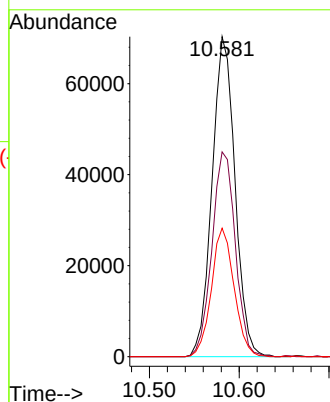
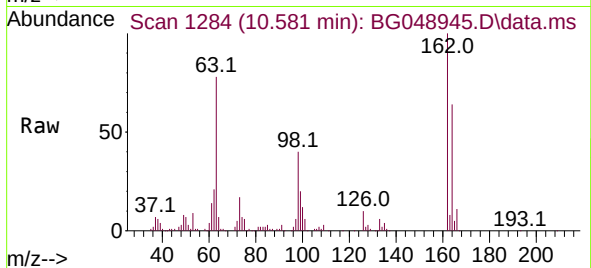
#29  
2,4-Dichlorophenol  
Concen: 41.57 ng  
RT: 10.581 min Scan# 1284  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

Tgt Ion:162 Resp: 124679  
Ion Ratio Lower Upper  
162 100  
164 64.0 39.4 79.4  
98 40.1 18.7 58.7

Instrument :  
BNA\_G  
ClientSampleId :  
PB137058BS

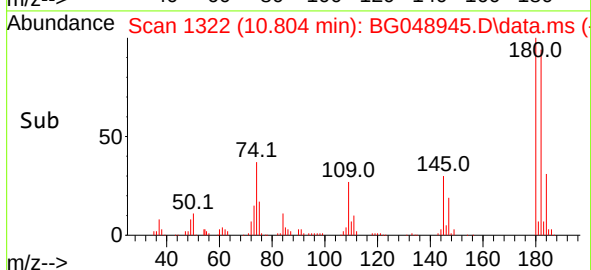
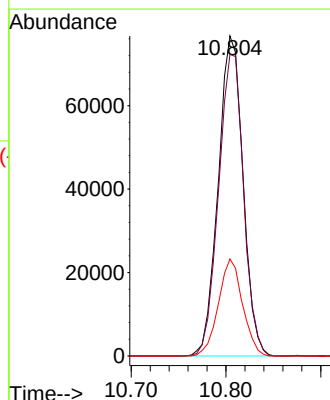
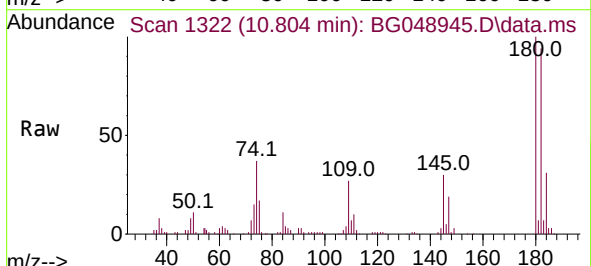
Manual Integrations  
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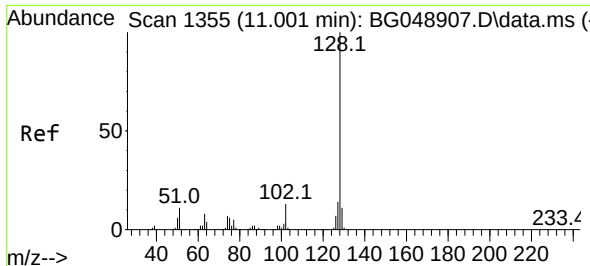
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#30  
1,2,4-Trichlorobenzene  
Concen: 40.48 ng  
RT: 10.804 min Scan# 1322  
Delta R.T. -0.009 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

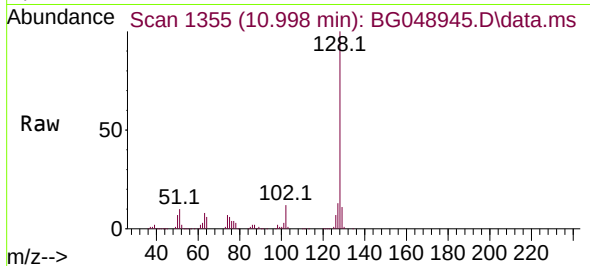
Tgt Ion:180 Resp: 139202  
Ion Ratio Lower Upper  
180 100  
182 94.3 78.9 118.3  
145 30.3 26.2 39.4





#31  
Naphthalene  
Concen: 39.56 ng  
RT: 10.998 min Scan# 1355  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

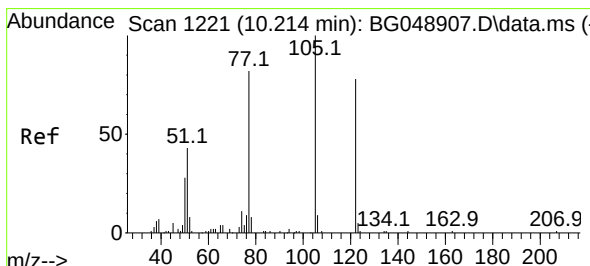
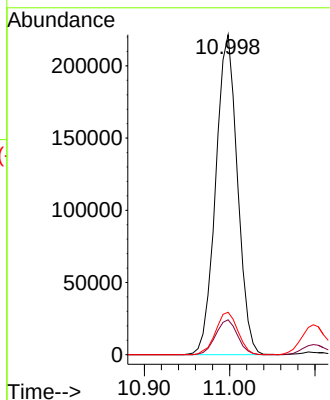
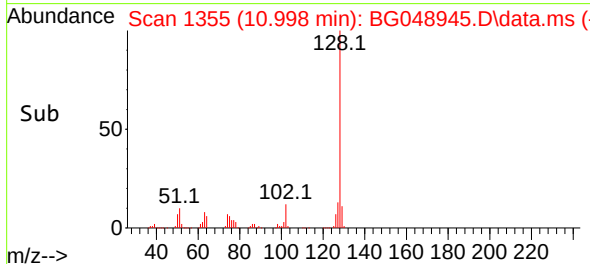
Instrument :  
BNA\_G  
ClientSampled :  
PB137058BS



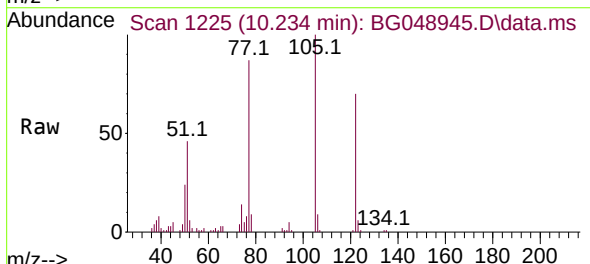
Tgt Ion:128 Resp: 392156  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.5 12.7  
127 13.3 10.2 15.4

Manual Integrations  
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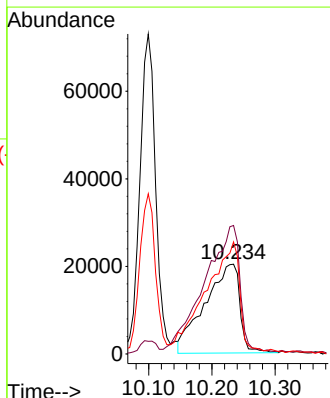
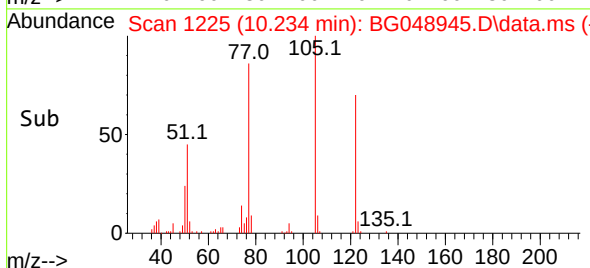
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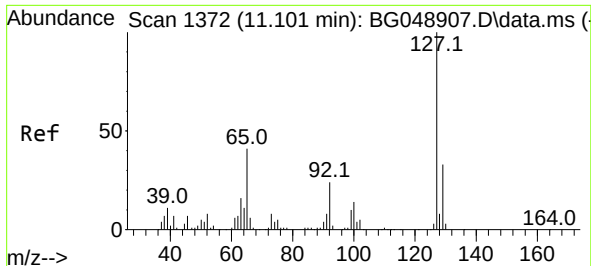


#32  
Benzoic acid  
Concen: 44.62 ng  
RT: 10.234 min Scan# 1225  
Delta R.T. 0.021 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59



Tgt Ion:122 Resp: 77927  
Ion Ratio Lower Upper  
122 100  
105 143.1 92.3 132.3#  
77 124.8 66.5 106.5#





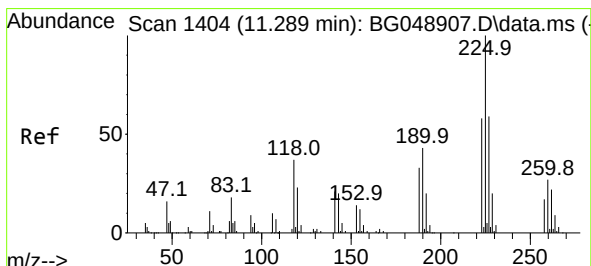
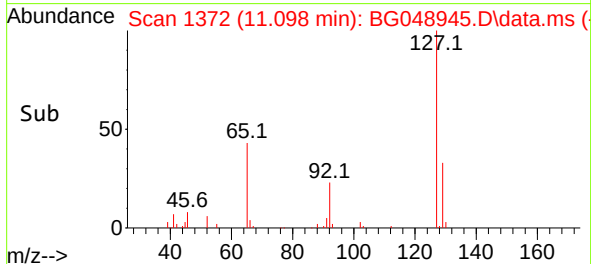
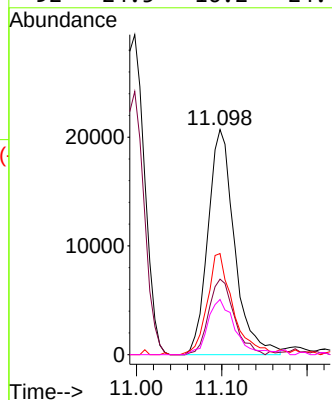
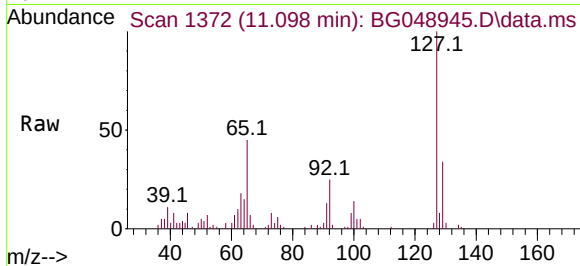
#33  
4-Chloroaniline  
Concen: 10.65 ng  
RT: 11.098 min Scan# 1372  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

Instrument :  
BNA\_G  
ClientSampleId :  
PB137058BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 44852 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 33.5  | 26.7  | 40.1  |
| 65        | 44.9  | 32.8  | 49.2  |
| 92        | 24.5  | 16.2  | 24.4# |

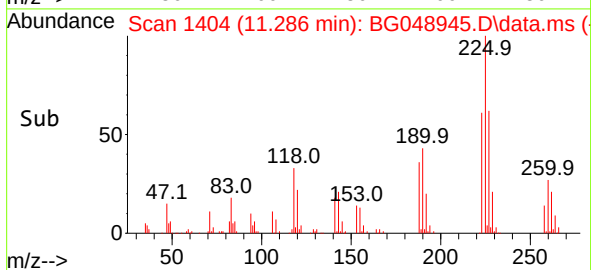
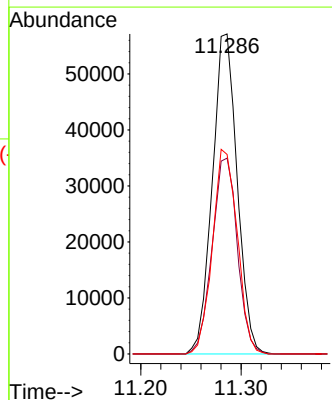
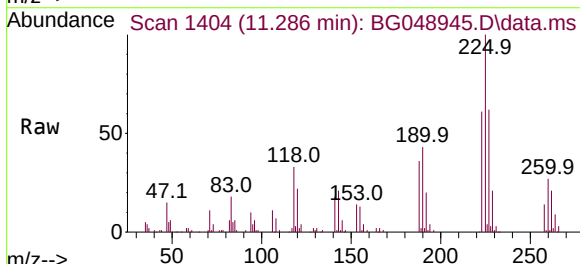
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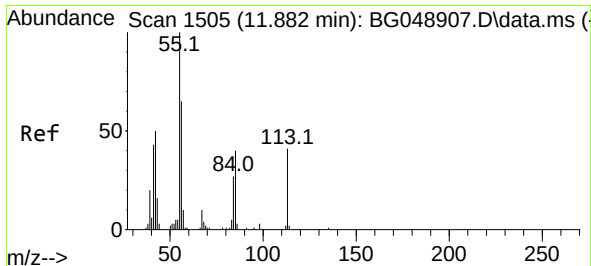
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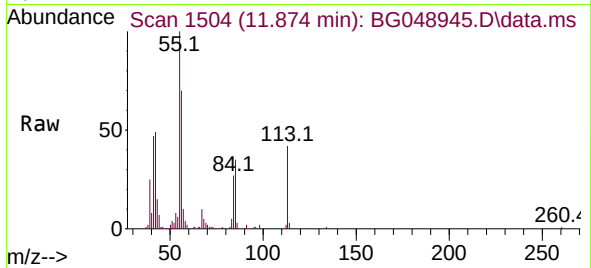
#34  
Hexachlorobutadiene  
Concen: 40.14 ng  
RT: 11.286 min Scan# 1404  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 98375 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 61.2  | 49.8  | 74.8  |
| 227       | 62.4  | 46.4  | 69.6  |





#35  
Caprolactam  
Concen: 47.30 ng m  
RT: 11.874 min Scan# 1504  
Delta R.T. -0.009 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

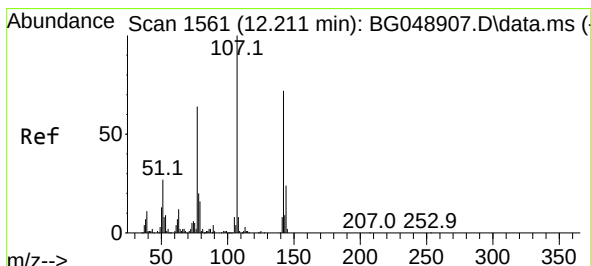
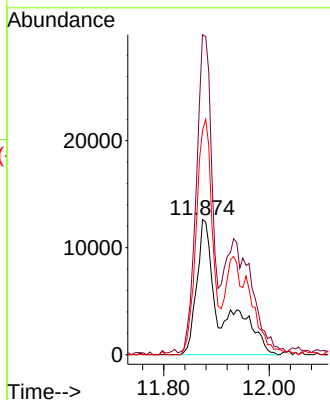
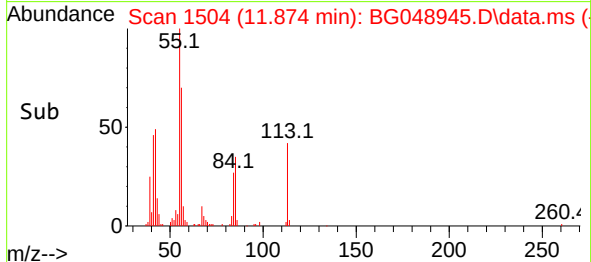


Tgt Ion:113 Resp: 41009  
Ion Ratio Lower Upper  
113 100  
55 236.6 113.8 153.8#  
56 165.8 105.6 145.6#

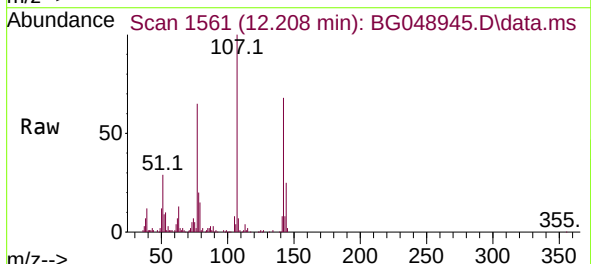
Instrument :  
BNA\_G  
ClientSampled :  
PB137058BS

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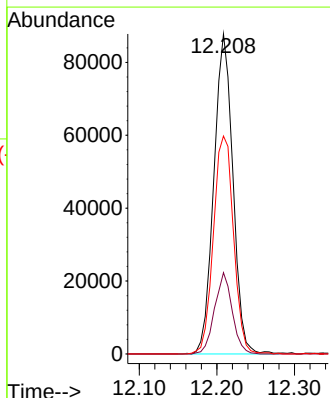
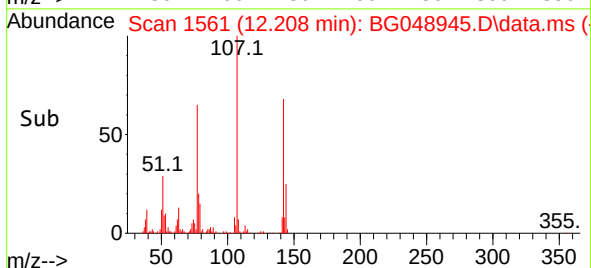
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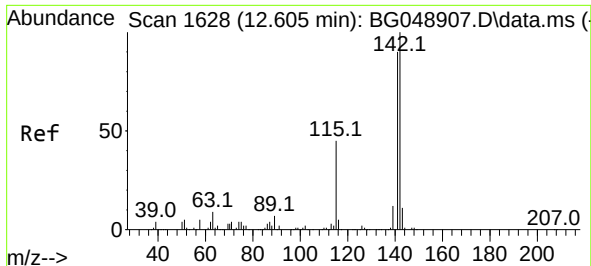


#36  
4-Chloro-3-methylphenol  
Concen: 40.94 ng  
RT: 12.208 min Scan# 1561  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59



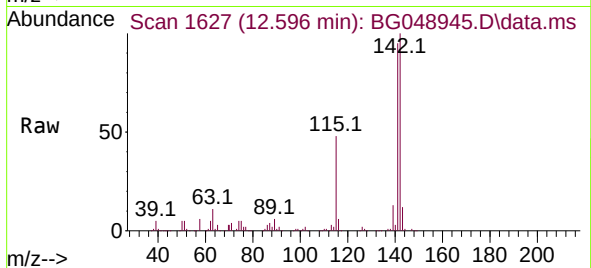
Tgt Ion:107 Resp: 150117  
Ion Ratio Lower Upper  
107 100  
144 25.4 24.8 37.2  
142 68.1 62.2 93.4





#37  
2-Methylnaphthalene  
Concen: 38.32 ng  
RT: 12.596 min Scan# 1627  
Delta R.T. -0.009 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

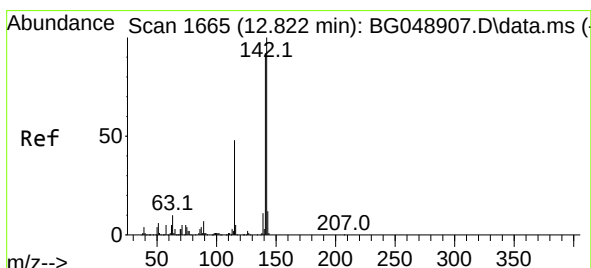
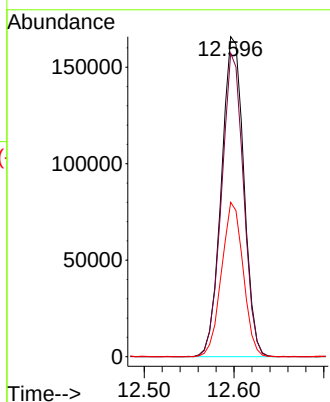
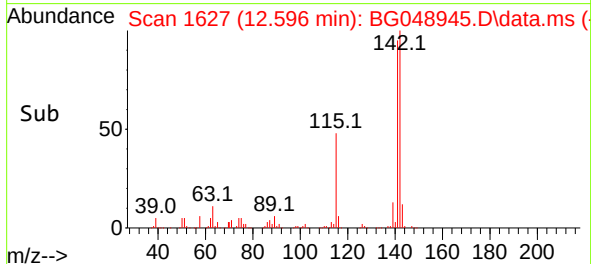
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BNA\_G  
ClientSampleId :  
PB137058BS



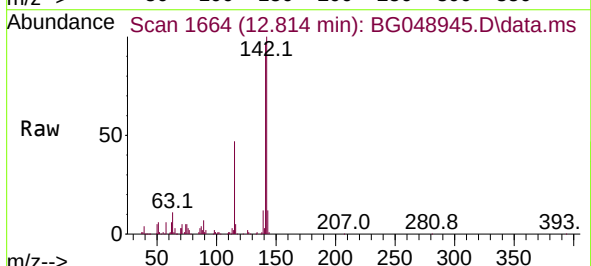
Tgt Ion:142 Resp: 286951  
Ion Ratio Lower Upper  
142 100  
141 94.8 68.8 103.2  
115 48.3 36.4 54.6

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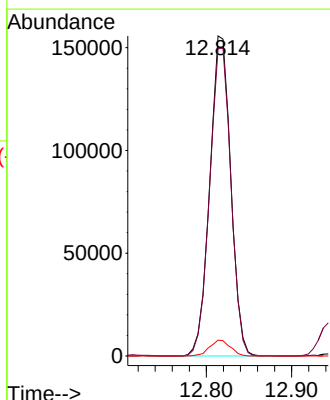
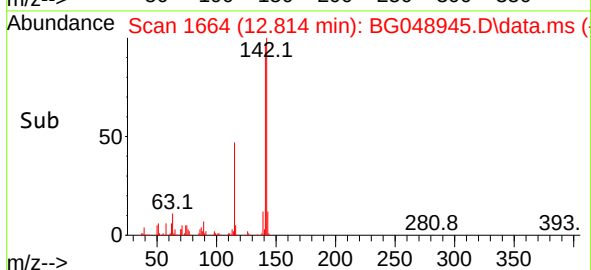
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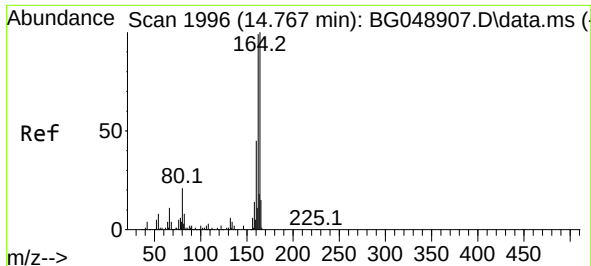


#38  
1-Methylnaphthalene  
Concen: 37.90 ng  
RT: 12.814 min Scan# 1664  
Delta R.T. -0.009 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

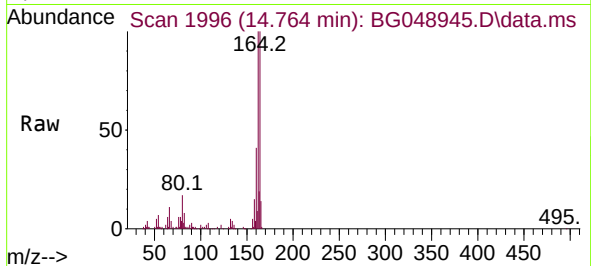


Tgt Ion:142 Resp: 266455  
Ion Ratio Lower Upper  
142 100  
141 95.9 70.6 106.0  
116 4.9 4.0 6.0

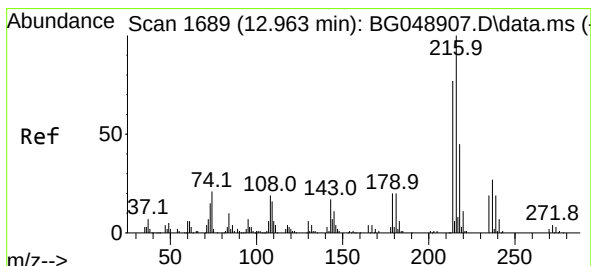
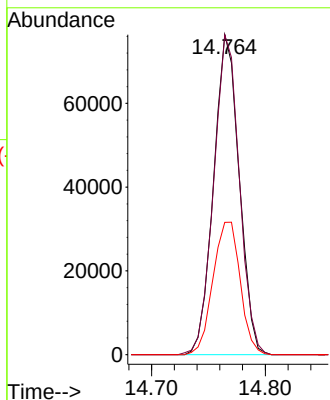
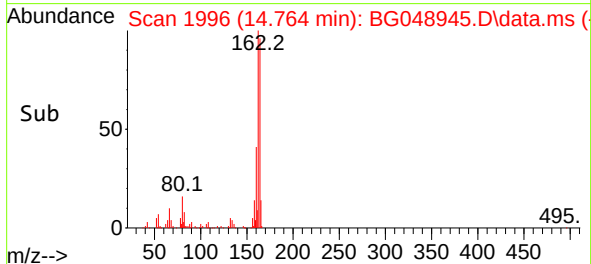




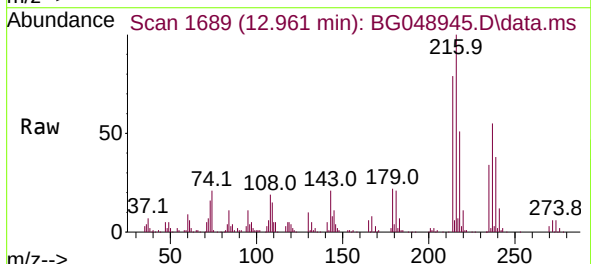
#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.764 min Scan# 1996  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59



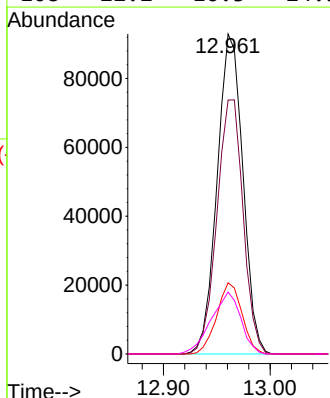
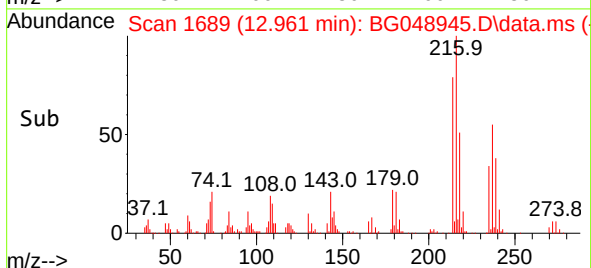
Tgt Ion:164 Resp: 119261  
Ion Ratio Lower Upper  
164 100  
162 99.9 81.4 122.0  
160 41.4 34.9 52.3



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 41.09 ng  
RT: 12.961 min Scan# 1689  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59



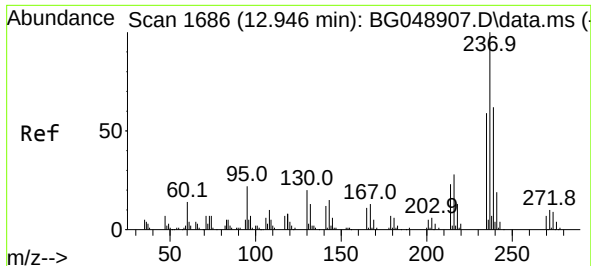
Tgt Ion:216 Resp: 155626  
Ion Ratio Lower Upper  
216 100  
214 80.8 61.4 92.2  
179 21.8 17.3 25.9  
108 22.2 16.3 24.5



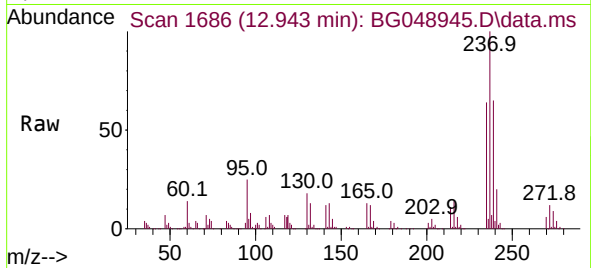
Instrument :  
BNA\_G  
ClientSampleId :  
PB137058BS

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#41  
Hexachlorocyclopentadiene  
Concen: 93.27 ng  
RT: 12.943 min Scan# 1686  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

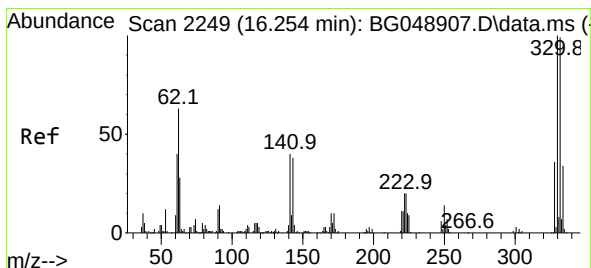
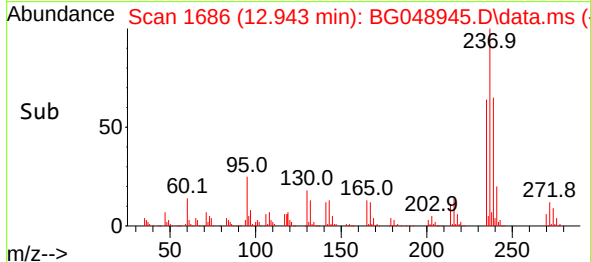
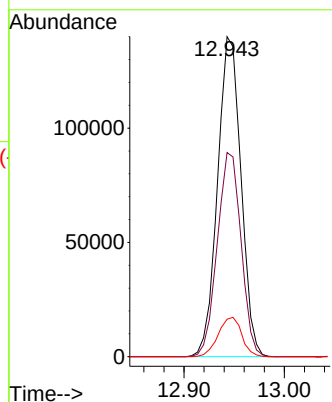


Tgt Ion:237 Resp: 227053  
Ion Ratio Lower Upper  
237 100  
235 63.8 36.6 76.6  
272 11.7 0.0 32.5

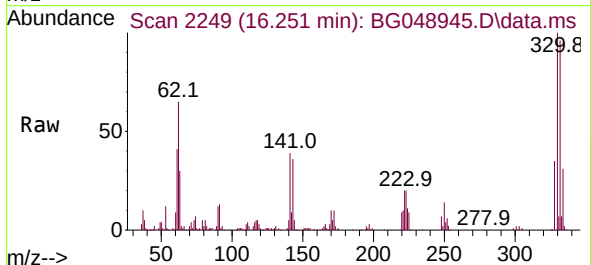
Instrument :  
BNA\_G  
ClientSampleId :  
PB137058BS

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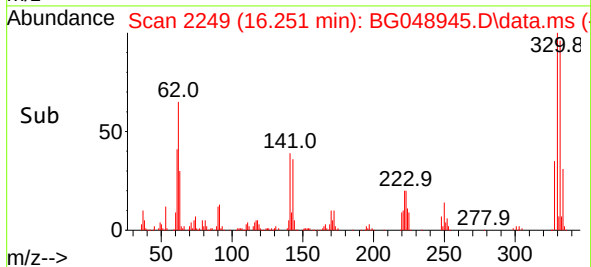
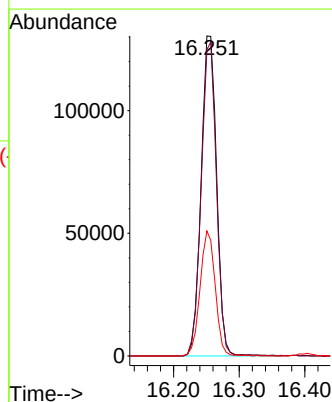
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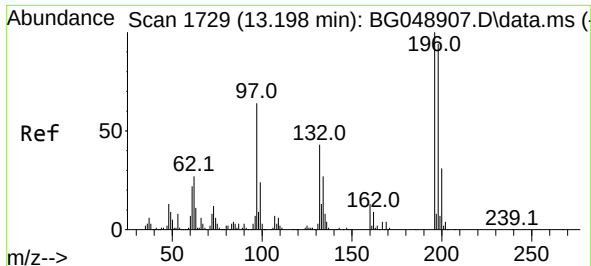
#42  
2,4,6-Tribromophenol  
Concen: 121.41 ng  
RT: 16.251 min Scan# 2249  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59



Tgt Ion:330 Resp: 214514  
Ion Ratio Lower Upper  
330 100  
332 95.7 77.3 115.9  
141 38.2 35.6 53.4







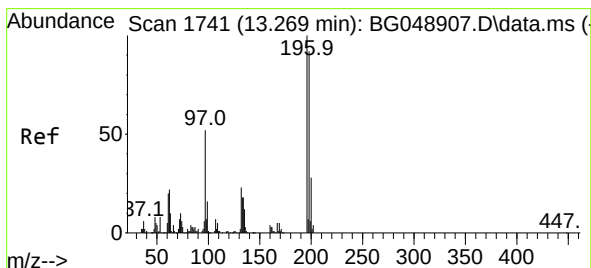
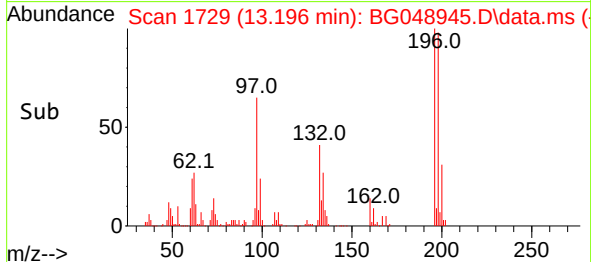
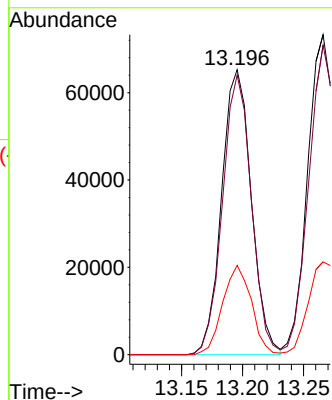
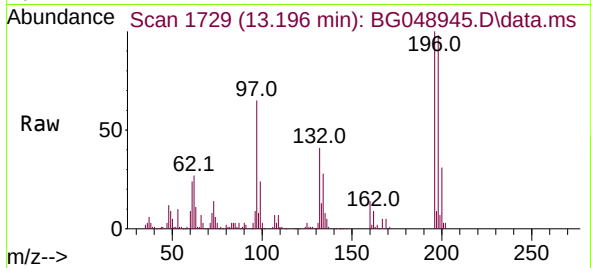
#43  
2,4,6-Trichlorophenol  
Concen: 43.64 ng  
RT: 13.196 min Scan# 1729  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

Tgt Ion:196 Resp: 110573  
Ion Ratio Lower Upper  
196 100  
198 98.1 82.1 123.1  
200 31.3 23.8 35.8

Instrument :  
BNA\_G  
ClientSampleId :  
PB137058BS

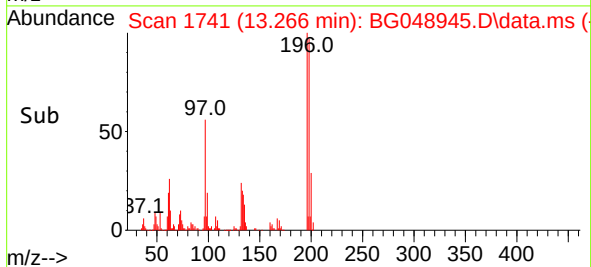
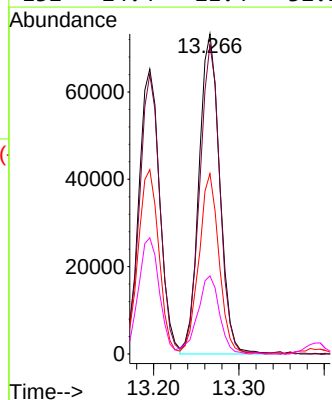
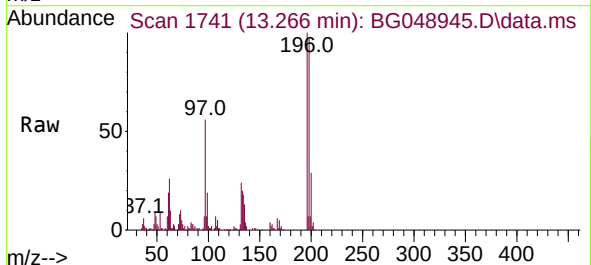
Manual Integrations  
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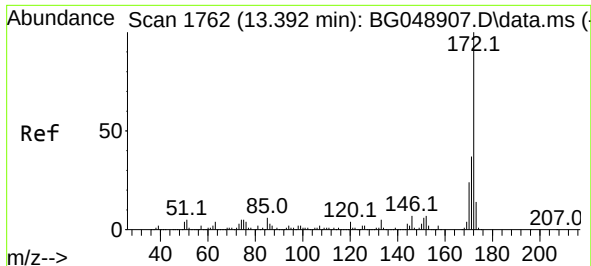
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#44  
2,4,5-Trichlorophenol  
Concen: 47.22 ng  
RT: 13.266 min Scan# 1741  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

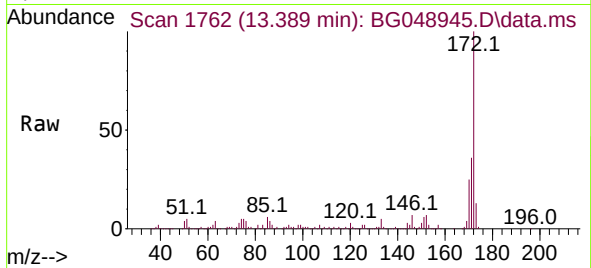
Tgt Ion:196 Resp: 123728  
Ion Ratio Lower Upper  
196 100  
198 96.7 87.4 131.0  
97 56.3 43.3 64.9  
132 24.4 21.4 32.2





#45  
2-Fluorobiphenyl  
Concen: 78.22 ng  
RT: 13.389 min Scan# 1762  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

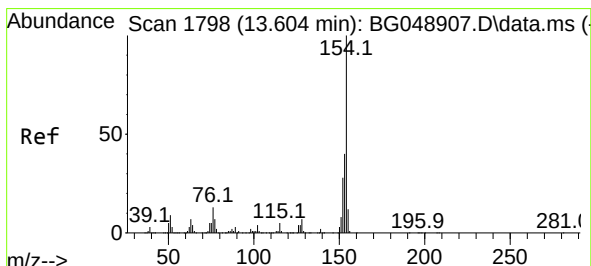
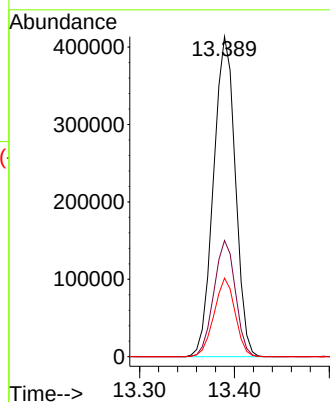
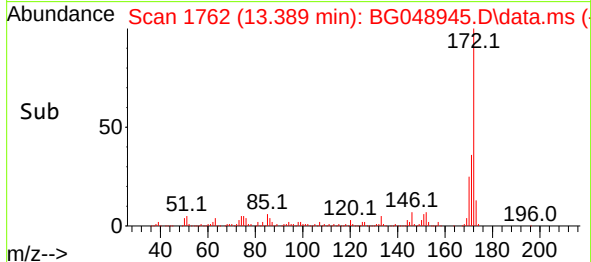
Instrument :  
BNA\_G  
ClientSampleId :  
PB137058BS



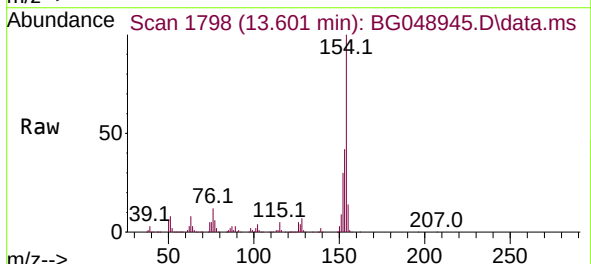
Tgt Ion:172 Resp: 660324  
Ion Ratio Lower Upper  
172 100  
171 36.3 28.6 43.0  
170 24.6 18.6 27.8

Manual Integrations  
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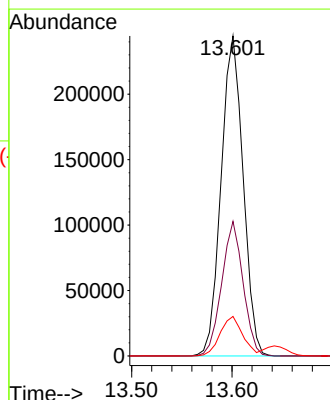
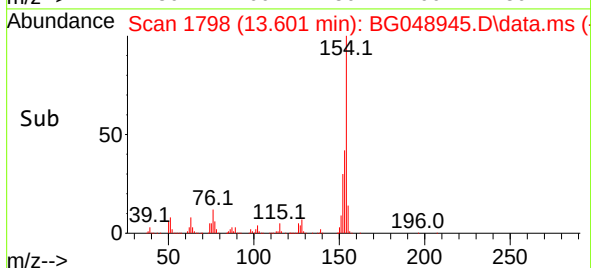
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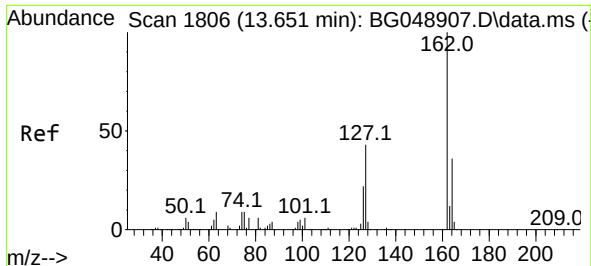


#46  
1,1'-Biphenyl  
Concen: 42.28 ng  
RT: 13.601 min Scan# 1798  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59



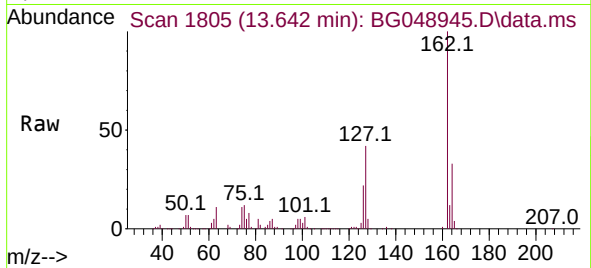
Tgt Ion:154 Resp: 371740  
Ion Ratio Lower Upper  
154 100  
153 42.0 20.5 60.5  
76 12.4 0.0 29.3





#47  
2-Chloronaphthalene  
Concen: 39.89 ng  
RT: 13.642 min Scan# 1805  
Delta R.T. -0.009 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

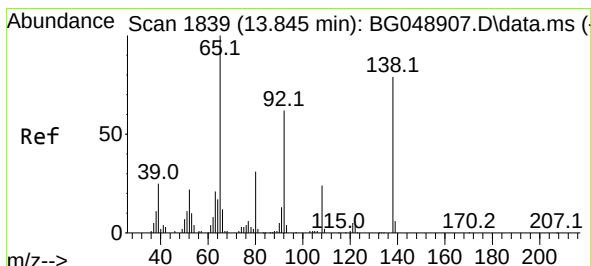
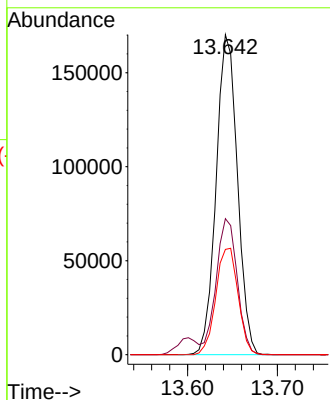
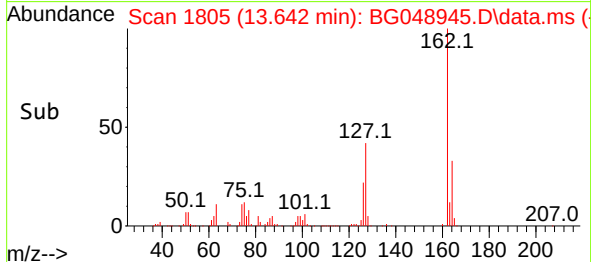
Instrument :  
BNA\_G  
ClientSampleId :  
PB137058BS



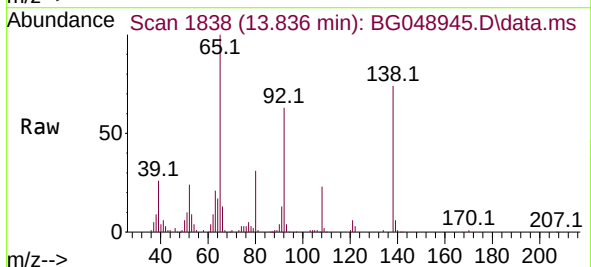
Tgt Ion:162 Resp: 280078  
Ion Ratio Lower Upper  
162 100  
127 42.5 32.7 49.1  
164 32.9 27.0 40.4

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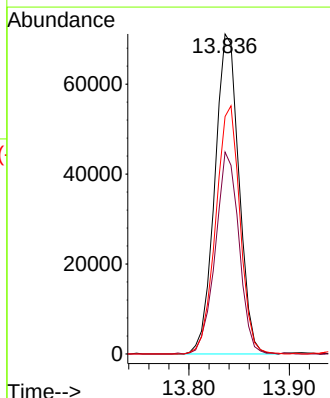
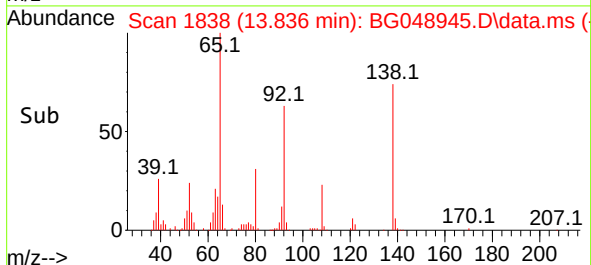
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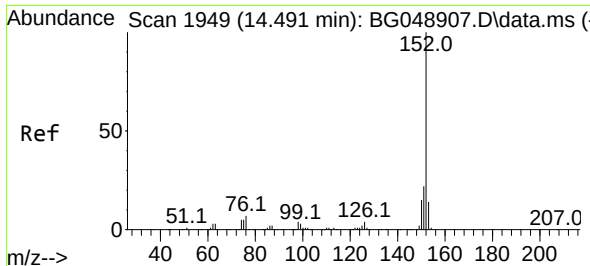


#48  
2-Nitroaniline  
Concen: 46.55 ng  
RT: 13.836 min Scan# 1838  
Delta R.T. -0.009 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59



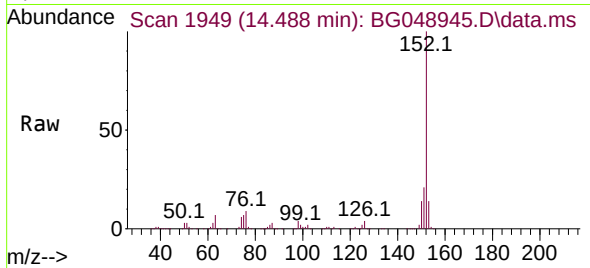
Tgt Ion: 65 Resp: 118811  
Ion Ratio Lower Upper  
65 100  
92 63.1 47.2 70.8  
138 74.2 68.0 102.0





#49  
Acenaphthylene  
Concen: 40.16 ng  
RT: 14.488 min Scan# 1949  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

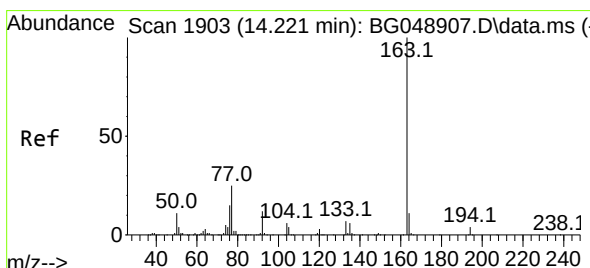
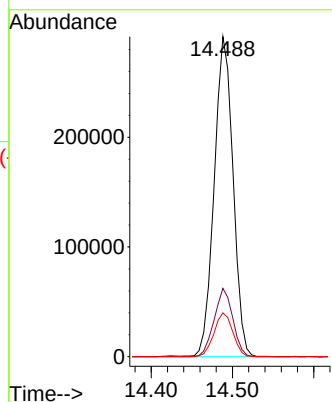
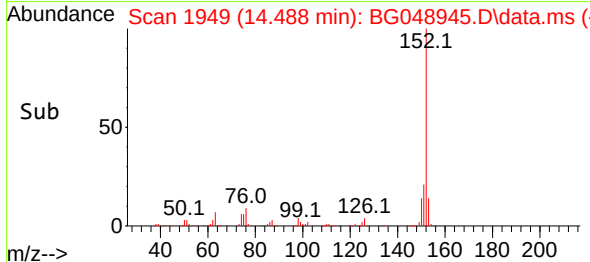
Instrument :  
BNA\_G  
ClientSampleId :  
PB137058BS



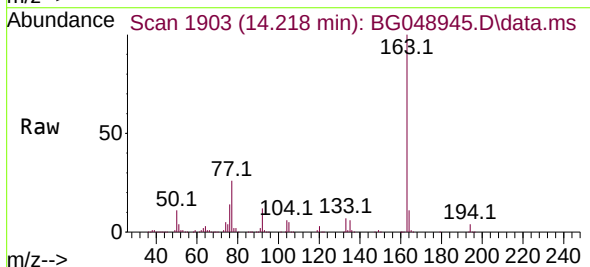
Tgt Ion:152 Resp: 469915  
Ion Ratio Lower Upper  
152 100  
151 21.4 18.2 27.4  
153 13.7 11.7 17.5

Manual Integrations  
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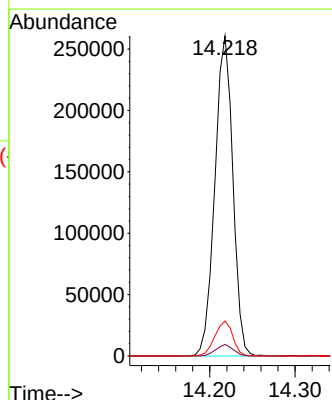
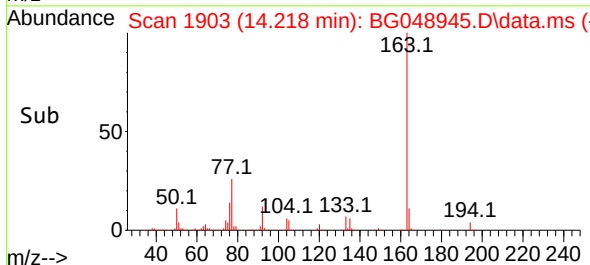
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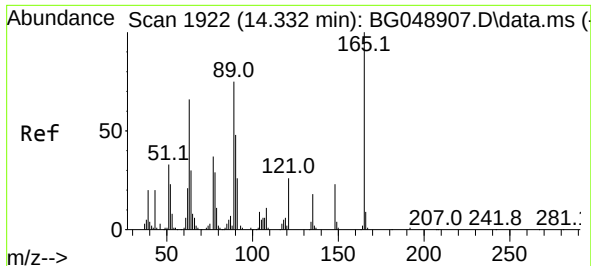


#50  
Dimethylphthalate  
Concen: 41.08 ng  
RT: 14.218 min Scan# 1903  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59



Tgt Ion:163 Resp: 381588  
Ion Ratio Lower Upper  
163 100  
194 3.6 3.0 4.6  
164 10.9 8.6 12.8





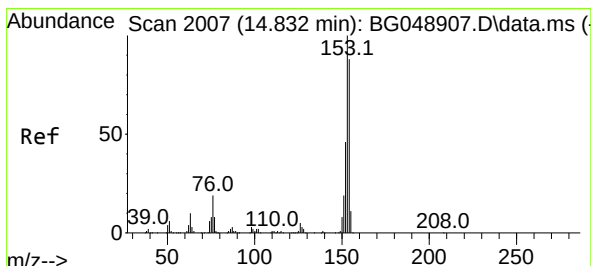
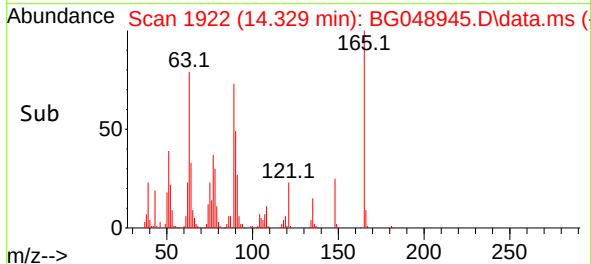
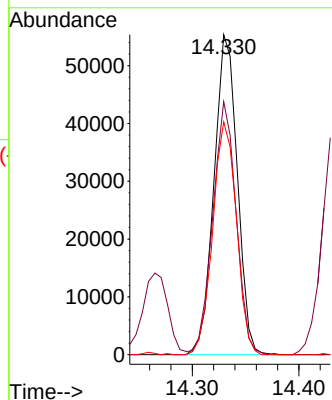
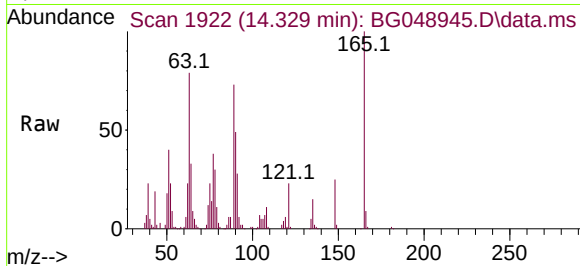
#51  
2,6-Dinitrotoluene  
Concen: 44.29 ng  
RT: 14.329 min Scan# 1922  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

Instrument :  
BNA\_G  
ClientSampleId :  
PB137058BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 79.0  | 63.3  | 94.9  |
| 89      | 72.8  | 63.4  | 95.0  |

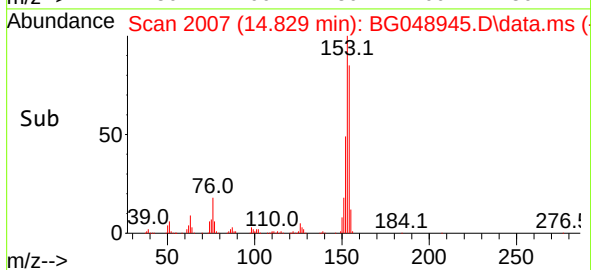
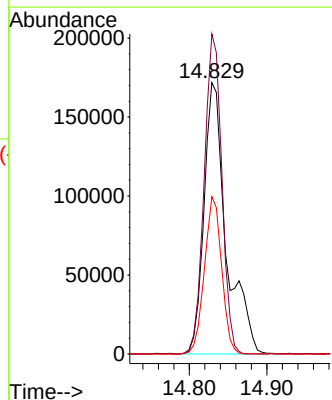
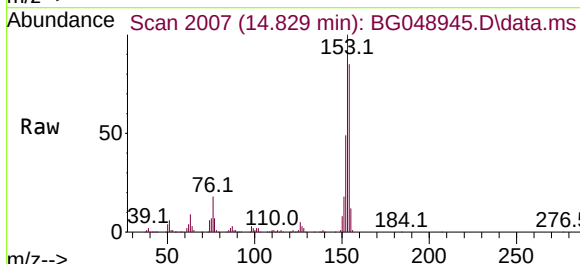
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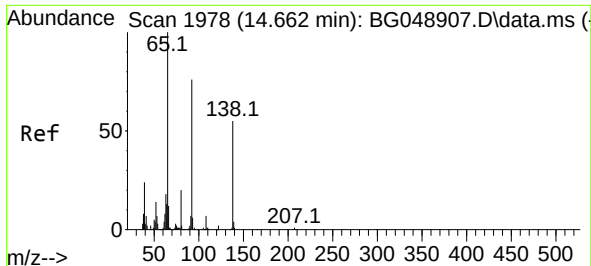
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#52  
Acenaphthene  
Concen: 45.68 ng  
RT: 14.829 min Scan# 2007  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 117.9 | 87.0  | 130.4 |
| 152     | 58.0  | 40.1  | 60.1  |





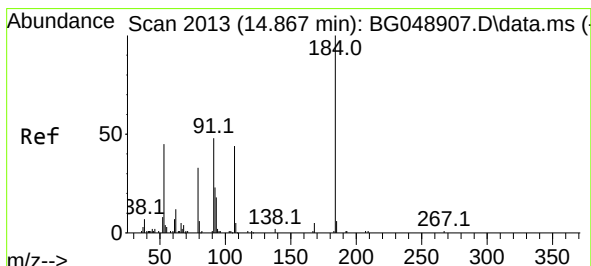
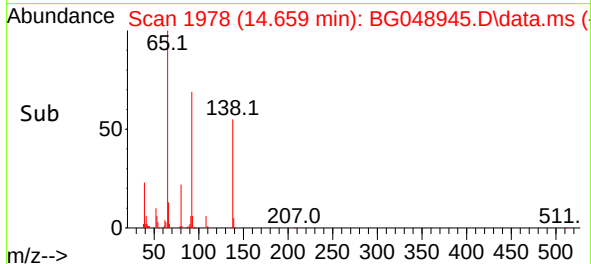
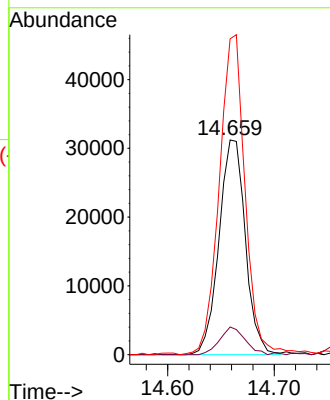
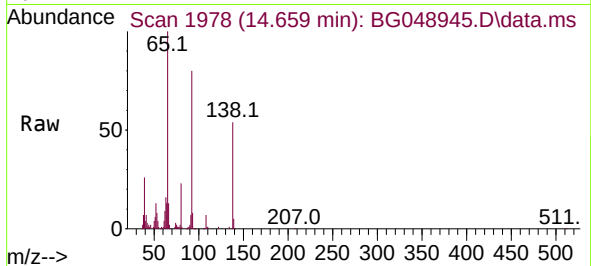
#53  
3-Nitroaniline  
Concen: 27.98 ng  
RT: 14.659 min Scan# 1978  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 138     | 100   |       |        |
| 108     | 12.9  | 8.3   | 12.5#  |
| 92      | 147.1 | 96.4  | 144.6# |

Instrument :  
BNA\_G  
ClientSampleId :  
PB137058BS

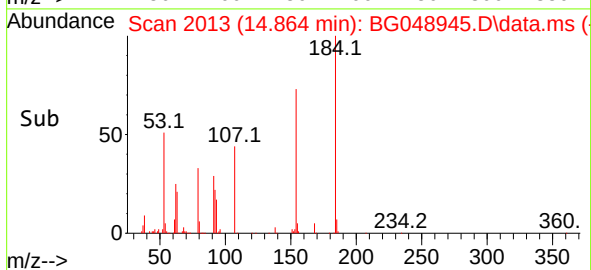
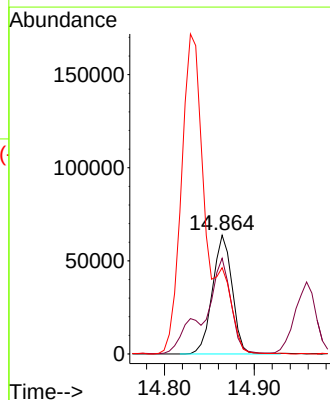
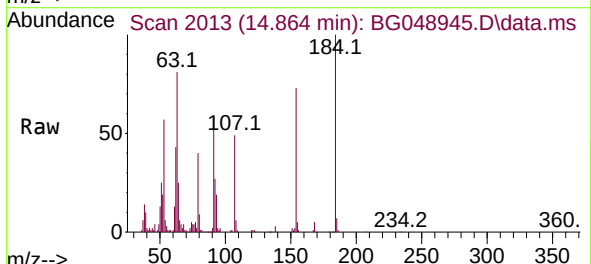
Manual Integrations  
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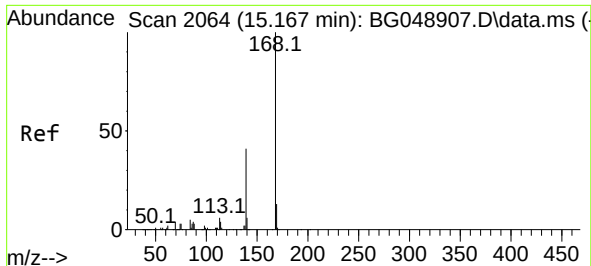
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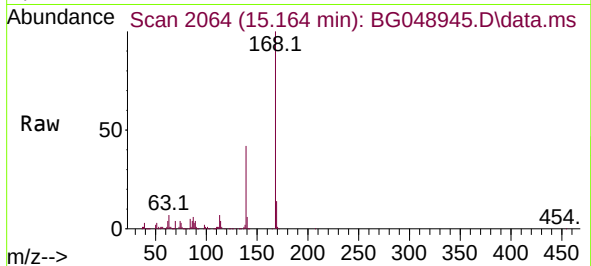
#54  
2,4-Dinitrophenol  
Concen: 110.72 ng  
RT: 14.864 min Scan# 2013  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 80.7  | 68.3  | 102.5 |
| 154     | 72.7  | 62.6  | 93.8  |

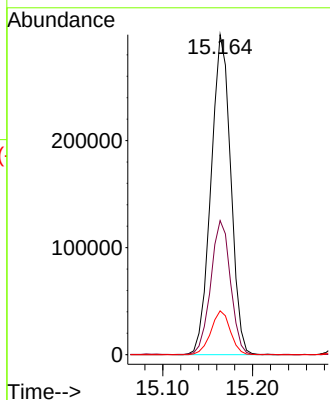
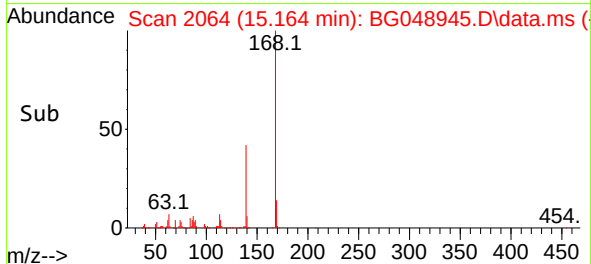




#55  
Dibenzofuran  
Concen: 38.92 ng  
RT: 15.164 min Scan# 2064  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59



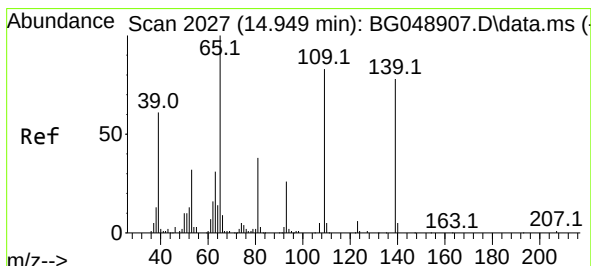
Tgt Ion:168 Resp: 456192  
Ion Ratio Lower Upper  
168 100  
139 41.9 33.4 50.2  
169 13.7 12.3 18.5



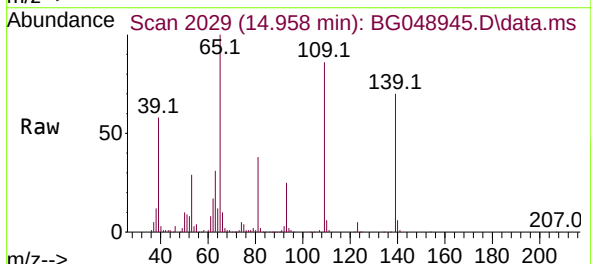
Instrument :  
BNA\_G  
ClientSampleId :  
PB137058BS

Manual Integrations  
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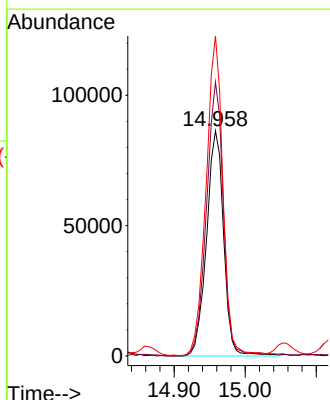
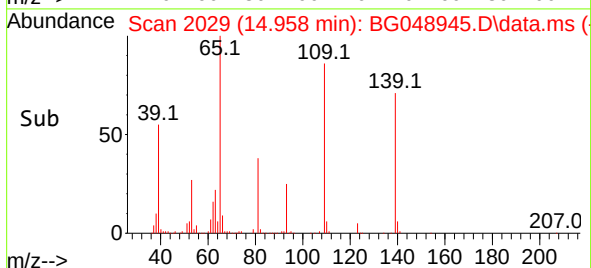
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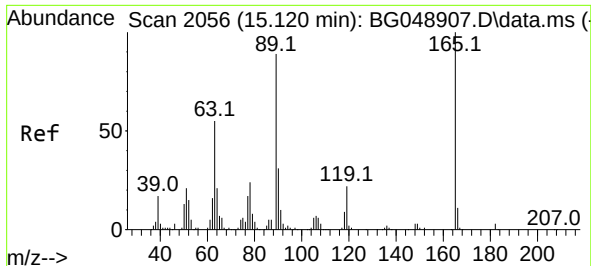


#56  
4-Nitrophenol  
Concen: 92.68 ng  
RT: 14.958 min Scan# 2029  
Delta R.T. 0.009 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59



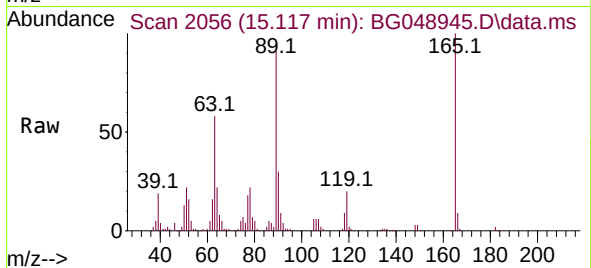
Tgt Ion:139 Resp: 144723  
Ion Ratio Lower Upper  
139 100  
109 121.7 116.3 156.3  
65 142.2 105.0 145.0





#57  
2,4-Dinitrotoluene  
Concen: 51.71 ng  
RT: 15.117 min Scan# 2056  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

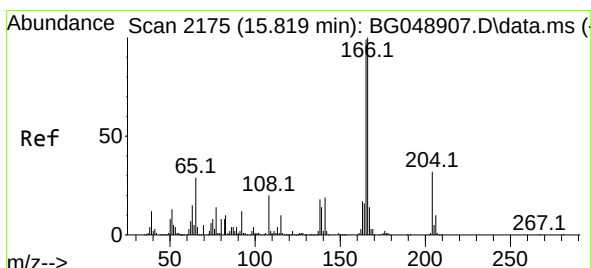
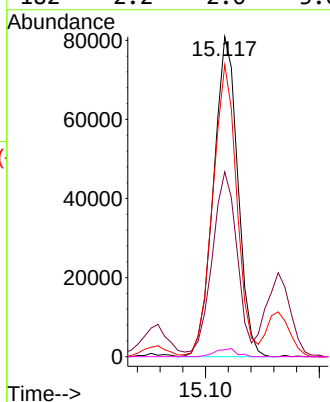
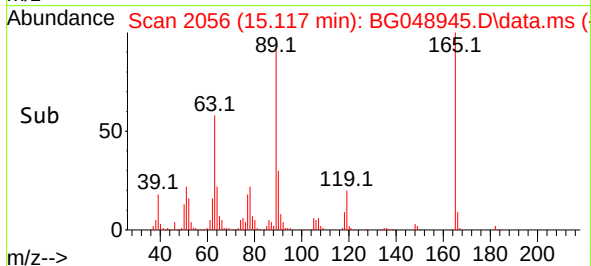
Instrument :  
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ClientSampleId :  
PB137058BS



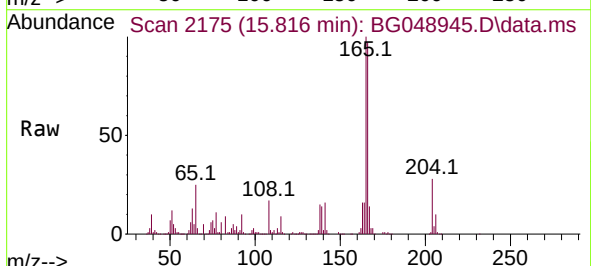
Tgt Ion:165 Resp: 120159  
Ion Ratio Lower Upper  
165 100  
63 57.8 48.0 72.0  
89 91.2 65.4 98.0  
182 2.2 2.0 3.0

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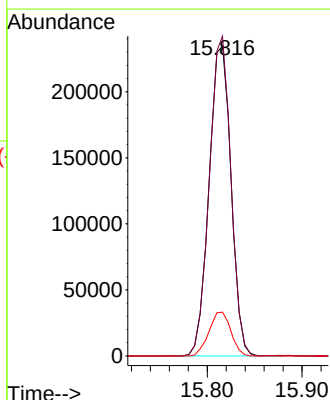
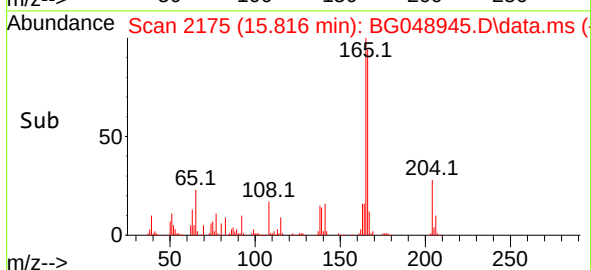
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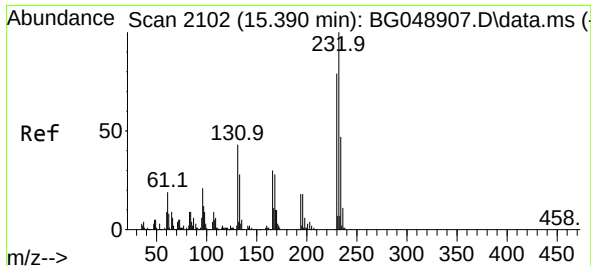
#58  
Fluorene  
Concen: 39.42 ng  
RT: 15.816 min Scan# 2175  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59



Tgt Ion:166 Resp: 377858  
Ion Ratio Lower Upper  
166 100  
165 103.2 77.7 116.5  
167 14.2 10.8 16.2







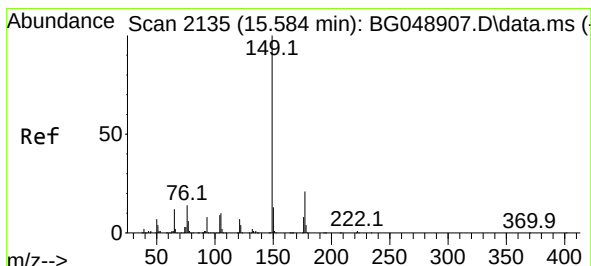
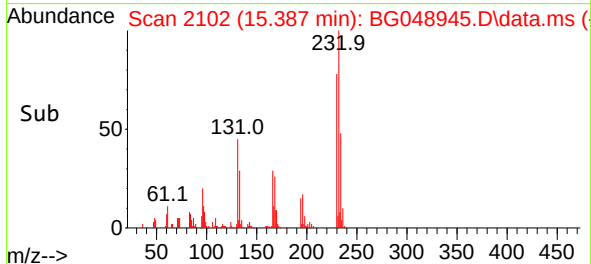
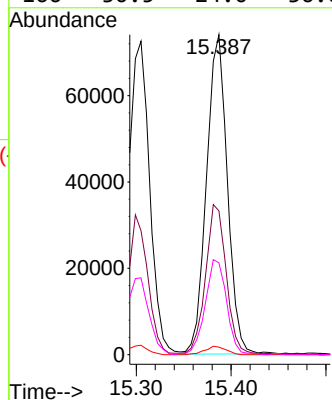
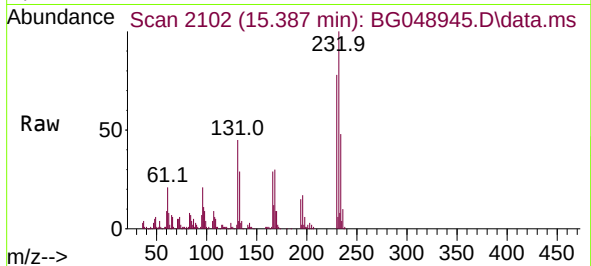
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.70 ng  
RT: 15.387 min Scan# 2102  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

Tgt Ion:232 Resp: 113259  
Ion Ratio Lower Upper  
232 100  
131 46.5 37.2 55.8  
130 2.6 2.8 4.2#  
166 30.5 24.0 36.0

Instrument :  
BNA\_G  
ClientSampleId :  
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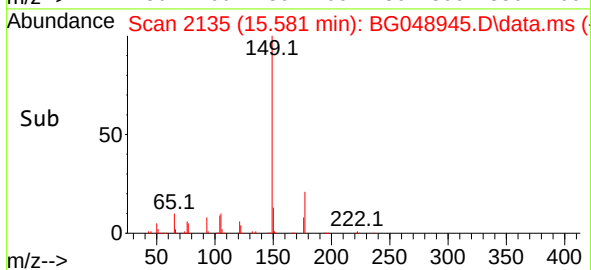
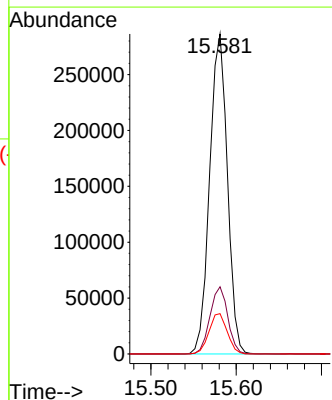
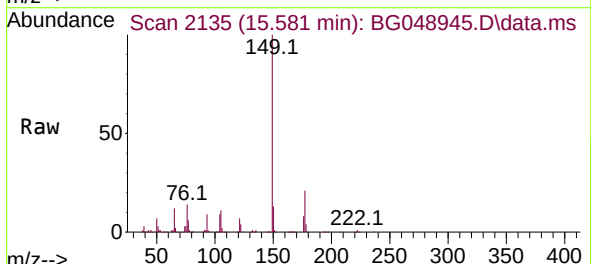
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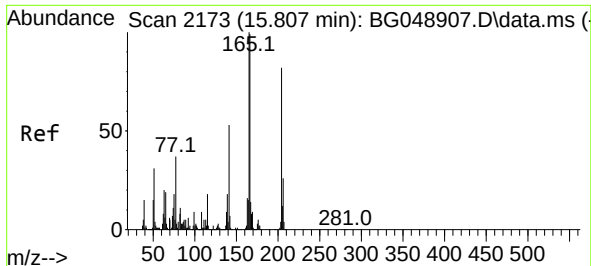
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#60  
Diethylphthalate  
Concen: 41.00 ng  
RT: 15.581 min Scan# 2135  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

Tgt Ion:149 Resp: 412525  
Ion Ratio Lower Upper  
149 100  
177 21.0 19.0 28.6  
150 12.6 10.2 15.4





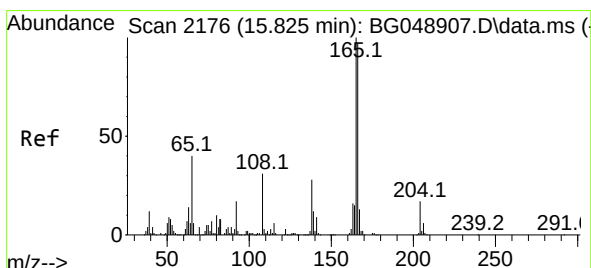
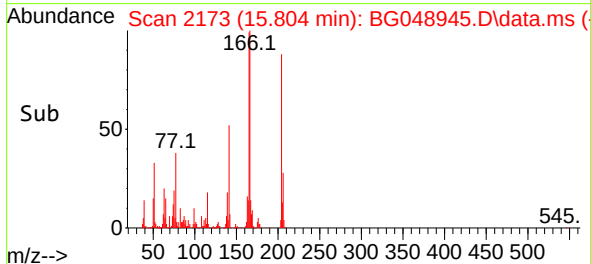
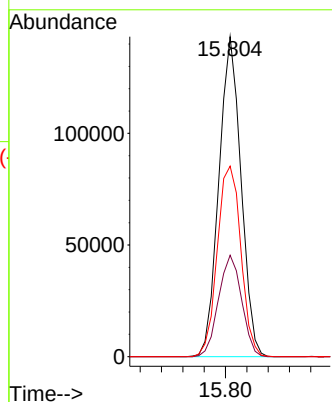
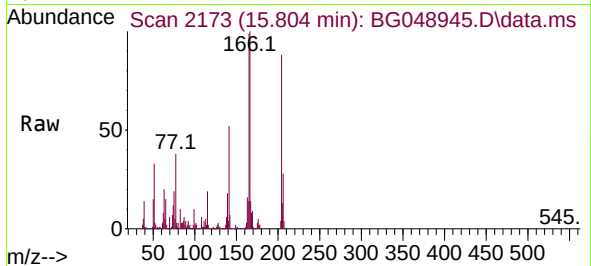
#61  
4-Chlorophenyl-phenylether  
Concen: 41.13 ng  
RT: 15.804 min Scan# 2173  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

Instrument :  
BNA\_G  
ClientSampleId :  
PB137058BS

Tgt Ion:204 Resp: 206174  
Ion Ratio Lower Upper  
204 100  
206 31.7 24.6 37.0  
141 59.5 47.8 71.8

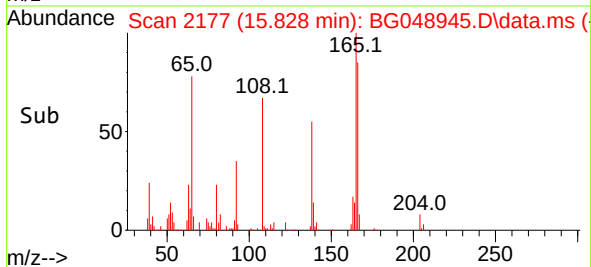
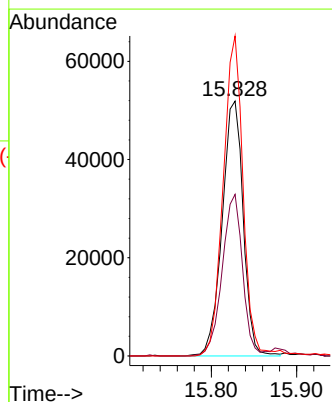
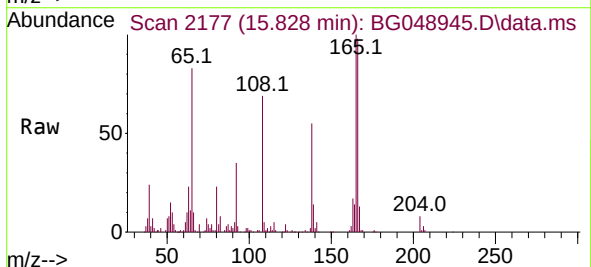
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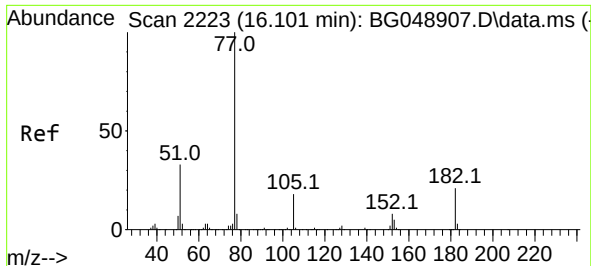
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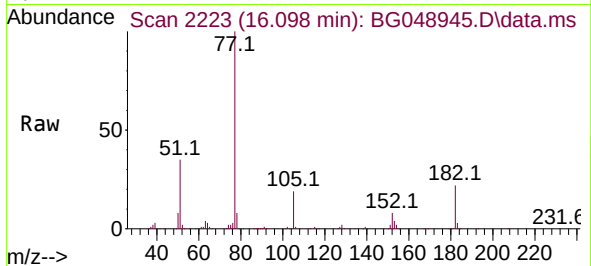
#62  
4-Nitroaniline  
Concen: 46.10 ng  
RT: 15.828 min Scan# 2177  
Delta R.T. 0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

Tgt Ion:138 Resp: 89293  
Ion Ratio Lower Upper  
138 100  
92 63.4 32.3 72.3  
108 125.6 132.4 172.4#

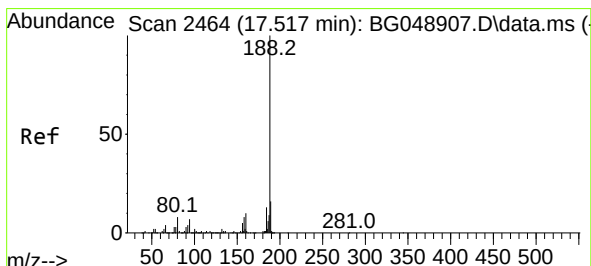
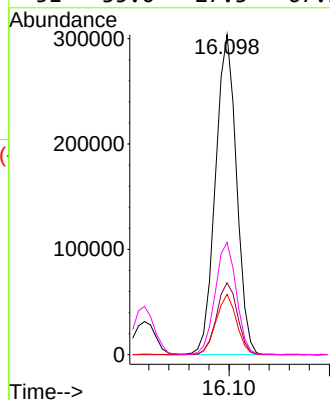
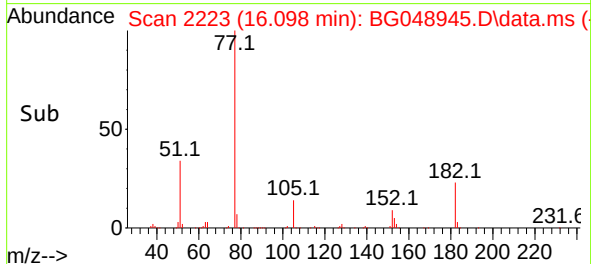




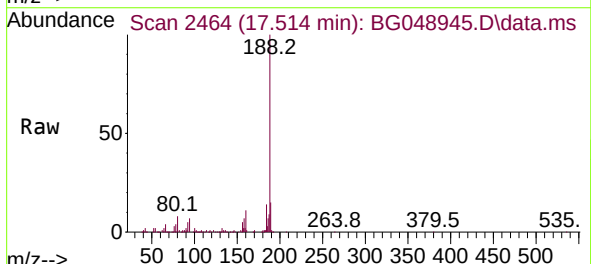
#63  
Azobenzene  
Concen: 38.35 ng  
RT: 16.098 min Scan# 2223  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59



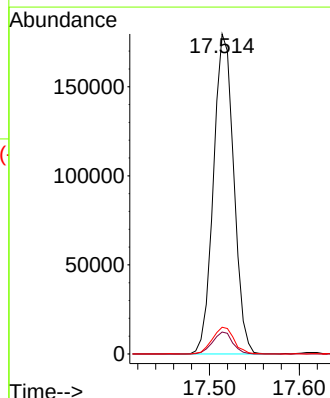
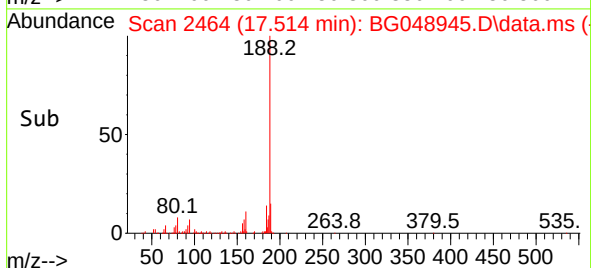
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 441486 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 182       | 22.4  | 7.9   | 47.9   |
| 105       | 18.9  | 0.0   | 37.9   |
| 51        | 35.0  | 27.3  | 67.3   |



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.514 min Scan# 2464  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59



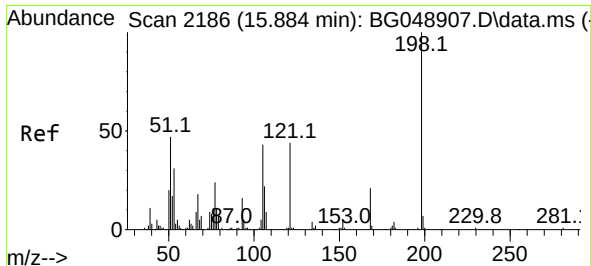
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 188   | Resp: | 282057 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 6.9   | 5.4   | 8.0    |
| 80        | 8.4   | 3.7   | 5.5    |



Instrument :  
BNA\_G  
ClientSampleId :  
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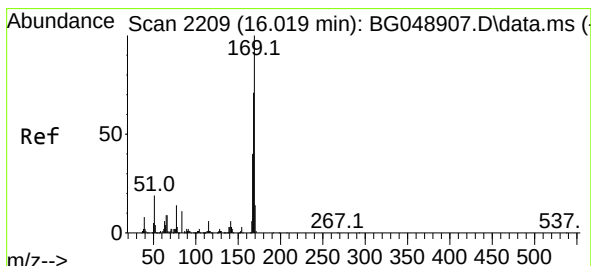
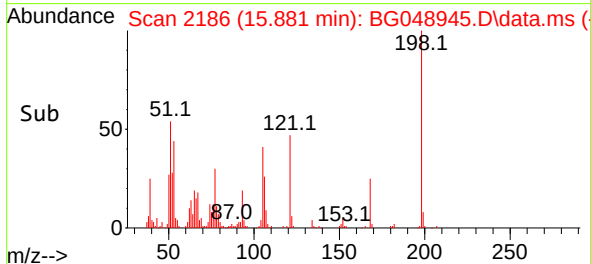
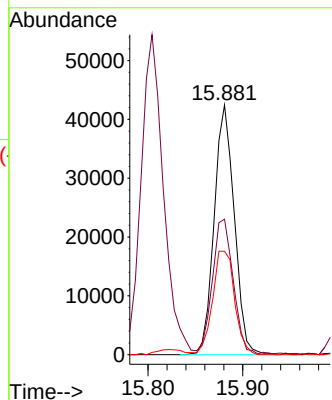
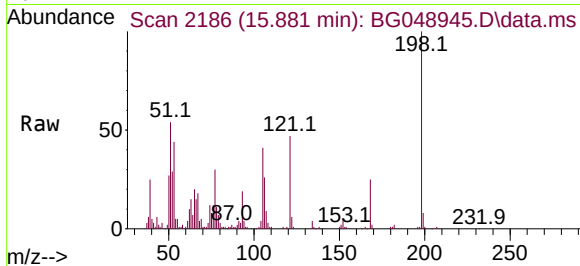
#65  
4,6-Dinitro-2-methylphenol  
Concen: 46.85 ng  
RT: 15.881 min Scan# 2186  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 54.2  | 29.4  | 69.4  |
| 105     | 41.4  | 15.1  | 55.1  |

Instrument :  
BNA\_G  
ClientSampleId :  
PB137058BS

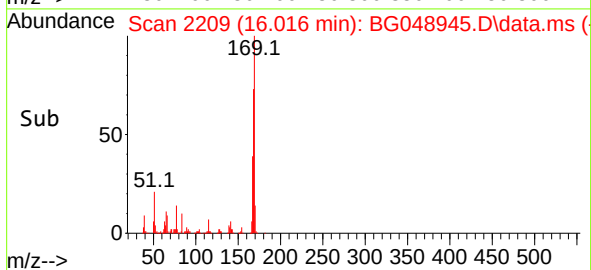
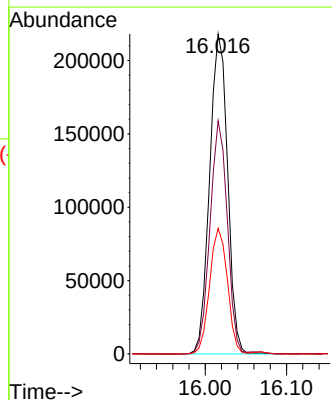
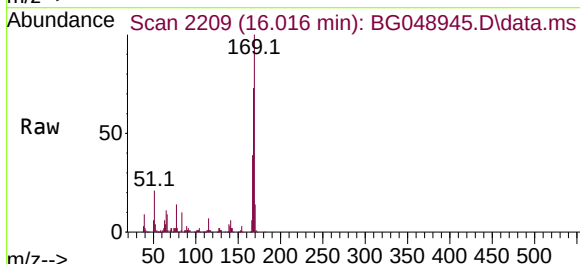
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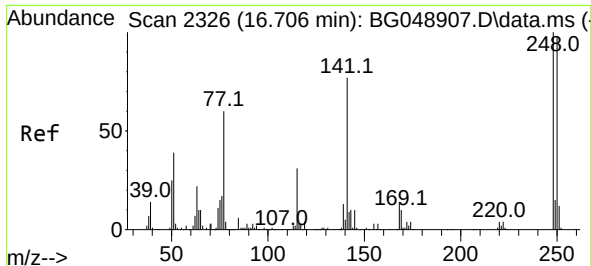
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#66  
n-Nitrosodiphenylamine  
Concen: 38.11 ng  
RT: 16.016 min Scan# 2209  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 72.8  | 56.3  | 84.5  |
| 167     | 39.3  | 28.4  | 42.6  |





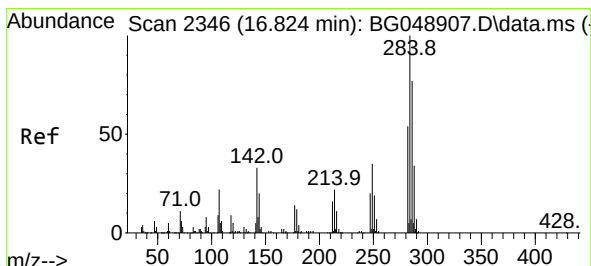
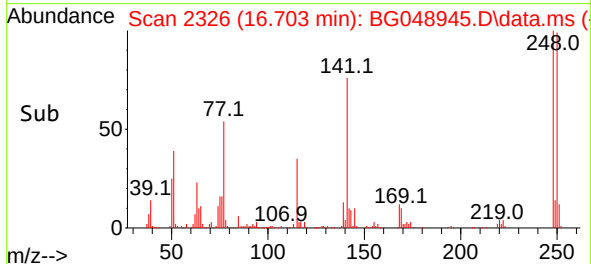
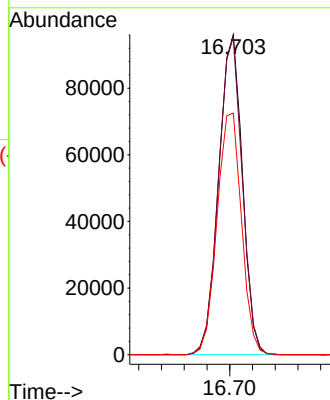
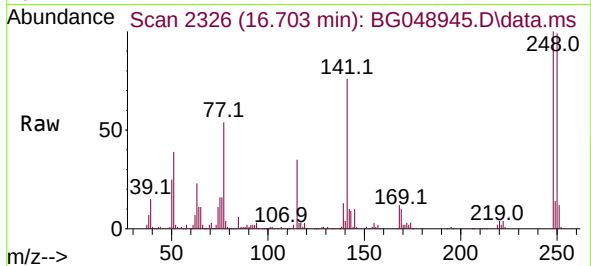
#67  
4-Bromophenyl-phenylether  
Concen: 39.36 ng  
RT: 16.703 min Scan# 2326  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

Instrument :  
BNA\_G  
ClientSampleId :  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 99.2  | 76.1  | 114.1 |
| 141     | 75.5  | 65.4  | 98.2  |

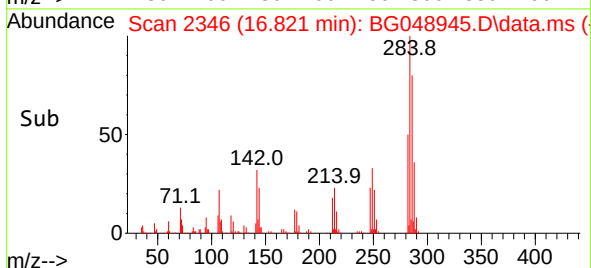
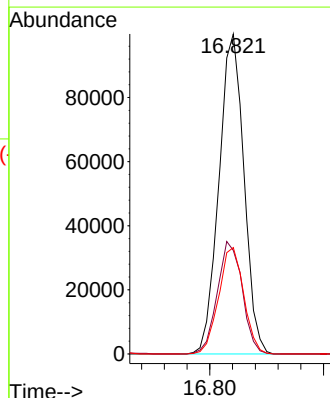
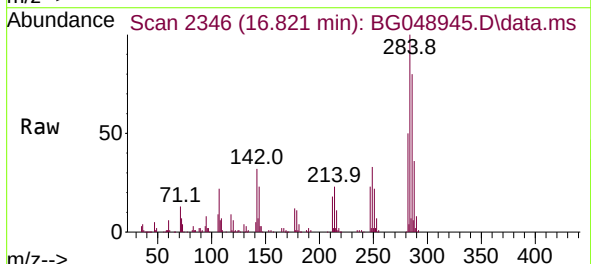
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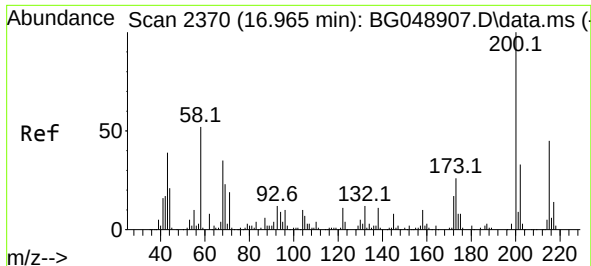
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#68  
Hexachlorobenzene  
Concen: 39.89 ng  
RT: 16.821 min Scan# 2346  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 32.4  | 27.0  | 40.6  |
| 249     | 33.3  | 28.2  | 42.2  |





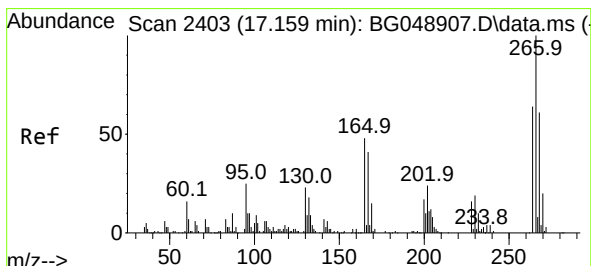
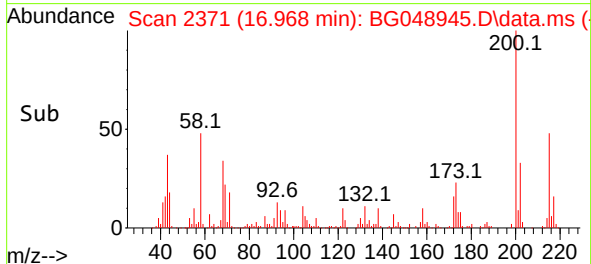
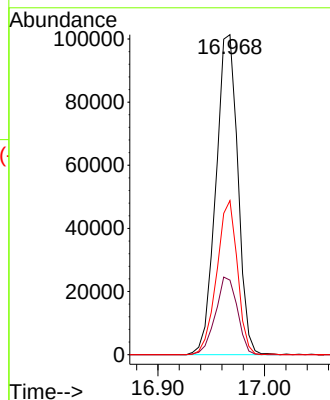
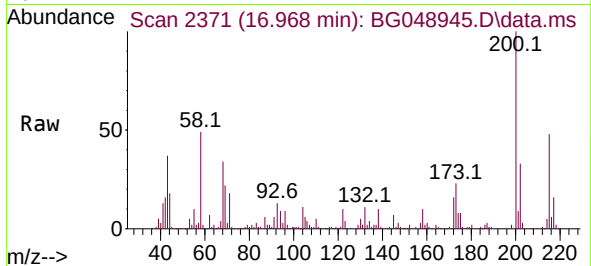
#69  
Atrazine  
Concen: 51.33 ng  
RT: 16.968 min Scan# 2371  
Delta R.T. 0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

Tgt Ion:200 Resp: 144826  
Ion Ratio Lower Upper  
200 100  
173 23.3 3.7 43.7  
215 48.2 26.9 66.9

Instrument :  
BNA\_G  
ClientSampled :  
PB137058BS

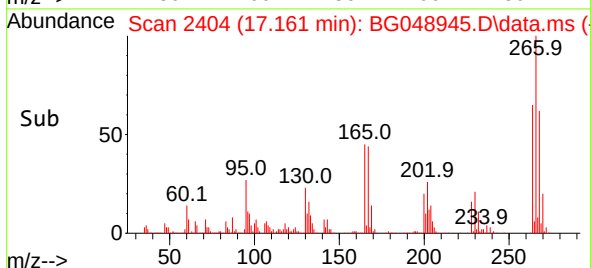
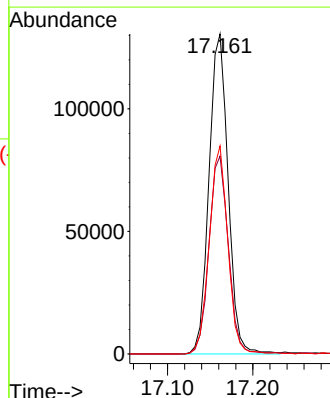
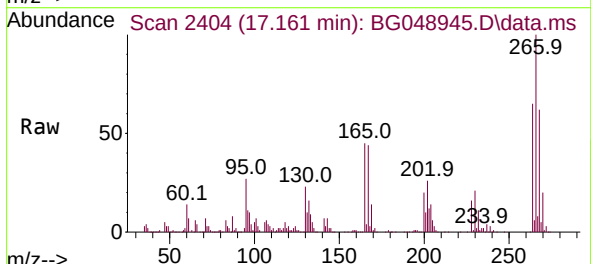
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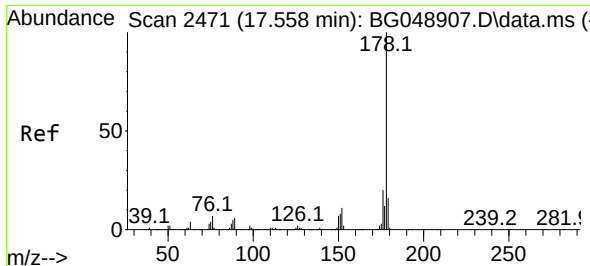
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#70  
Pentachlorophenol  
Concen: 88.46 ng  
RT: 17.161 min Scan# 2404  
Delta R.T. 0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

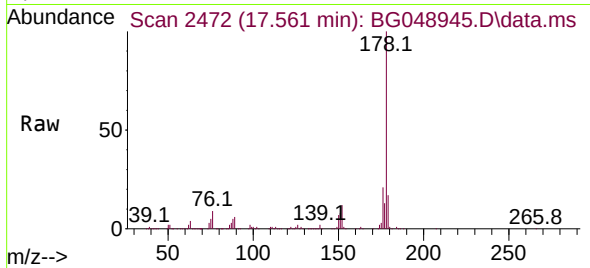
Tgt Ion:266 Resp: 202935  
Ion Ratio Lower Upper  
266 100  
268 61.9 49.0 73.4  
264 65.0 49.0 73.6





#71  
Phenanthrene  
Concen: 39.80 ng  
RT: 17.561 min Scan# 2472  
Delta R.T. 0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

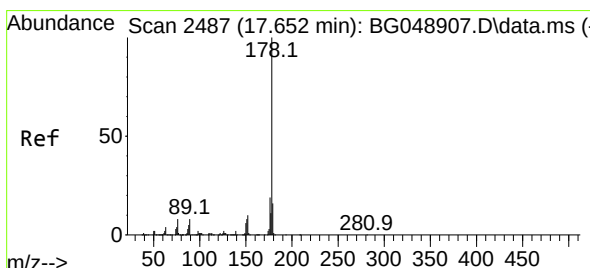
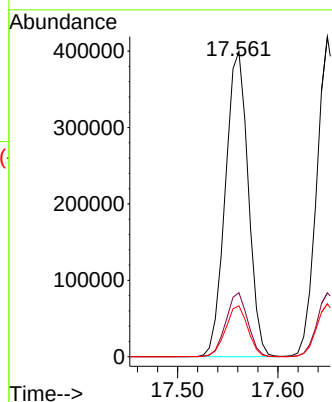
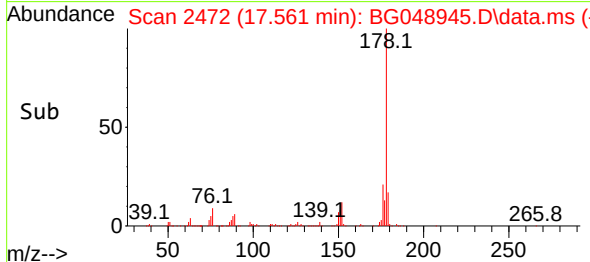
Instrument :  
BNA\_G  
ClientSampleId :  
PB137058BS



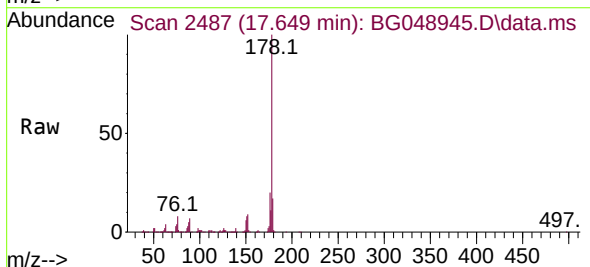
Tgt Ion:178 Resp: 631704  
Ion Ratio Lower Upper  
178 100  
176 21.0 16.0 24.0  
179 16.7 14.2 21.4

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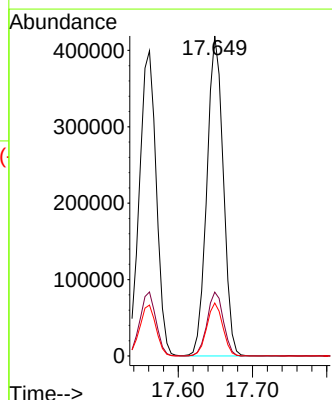
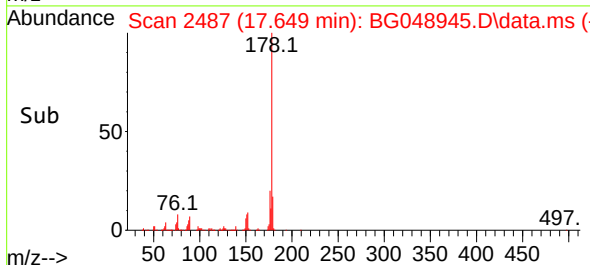
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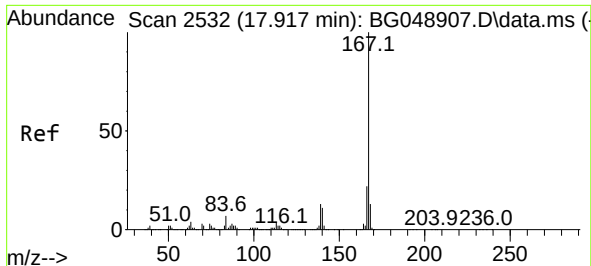


#72  
Anthracene  
Concen: 40.29 ng  
RT: 17.649 min Scan# 2487  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59



Tgt Ion:178 Resp: 642536  
Ion Ratio Lower Upper  
178 100  
176 20.0 14.6 21.8  
179 16.5 13.4 20.0





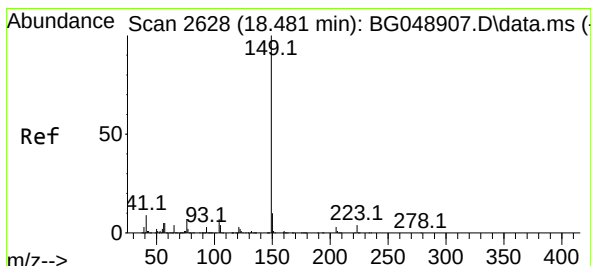
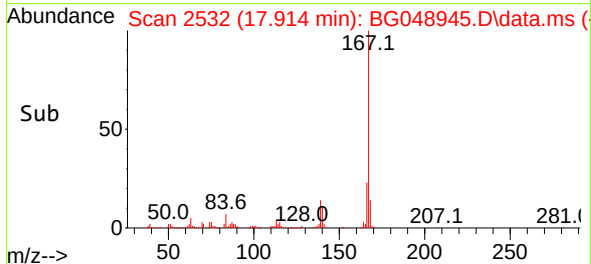
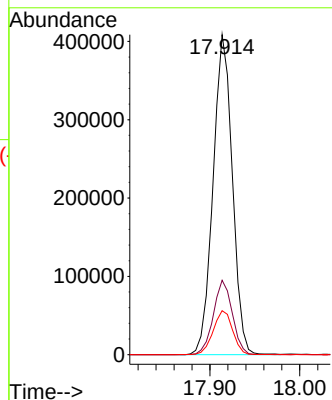
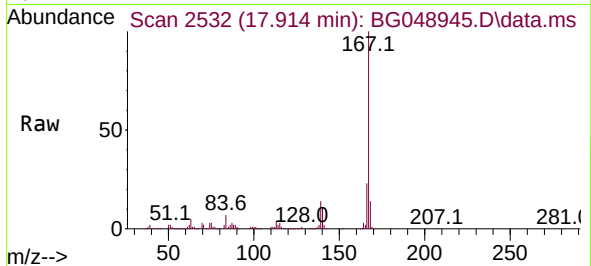
#73  
 Carbazole  
 Concen: 39.86 ng  
 RT: 17.914 min Scan# 2532  
 Delta R.T. -0.003 min  
 Lab File: BG048945.D  
 Acq: 14 Jun 2021 11:59

Tgt Ion:167 Resp: 609312  
 Ion Ratio Lower Upper  
 167 100  
 166 23.3 17.4 26.2  
 139 13.8 10.7 16.1

Instrument :  
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 ClientSampleId :  
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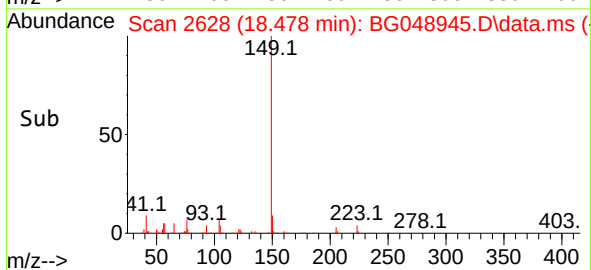
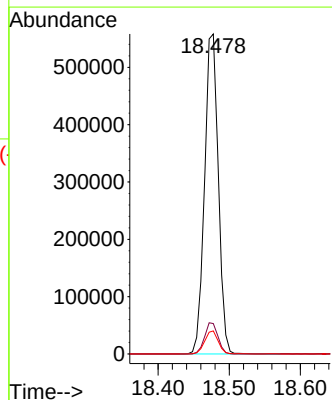
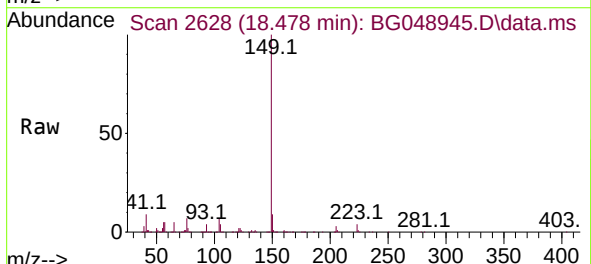
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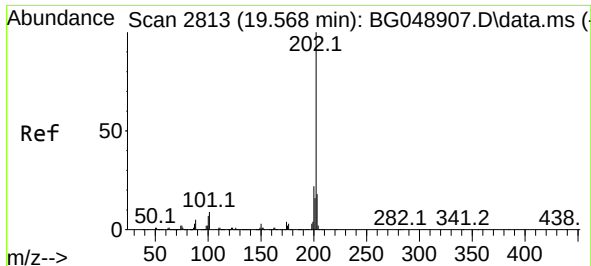


#74  
 Di-n-butylphthalate  
 Concen: 43.85 ng  
 RT: 18.478 min Scan# 2628  
 Delta R.T. -0.003 min  
 Lab File: BG048945.D  
 Acq: 14 Jun 2021 11:59

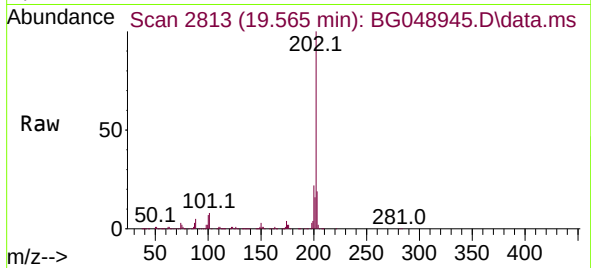
Tgt Ion:149 Resp: 751822  
 Ion Ratio Lower Upper  
 149 100  
 150 9.5 7.5 11.3  
 104 7.2 6.6 10.0



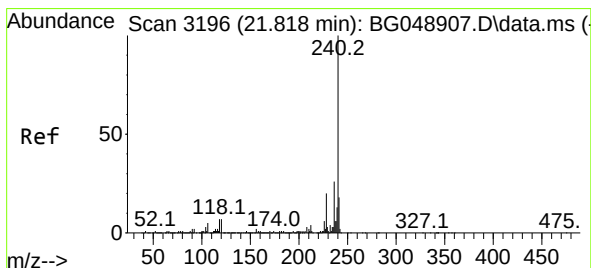
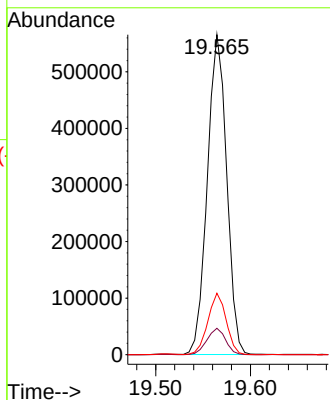
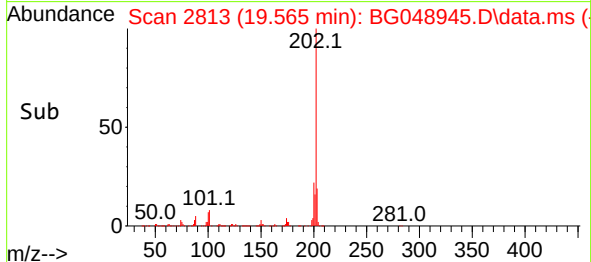




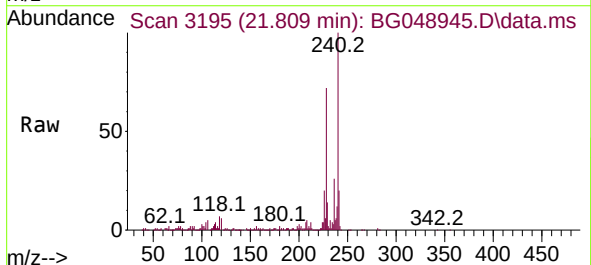
#75  
Fluoranthene  
Concen: 41.82 ng  
RT: 19.565 min Scan# 2813  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59



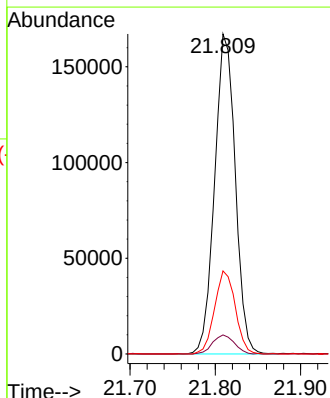
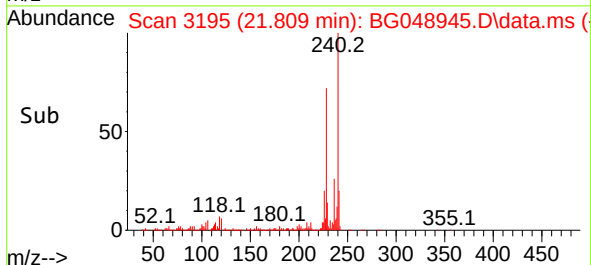
Tgt Ion:202 Resp: 800359  
Ion Ratio Lower Upper  
202 100  
101 8.2 0.0 24.7  
203 19.2 0.0 38.5



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.809 min Scan# 3195  
Delta R.T. -0.009 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59



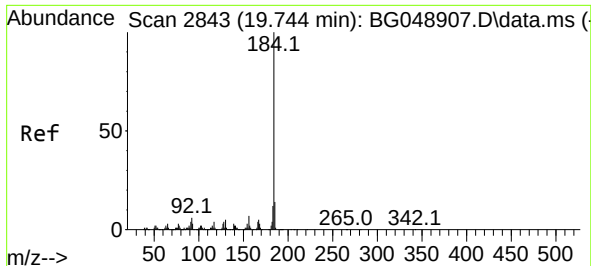
Tgt Ion:240 Resp: 281355  
Ion Ratio Lower Upper  
240 100  
120 6.0 4.2 6.2  
236 25.9 21.8 32.6



Instrument :  
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ClientSampleId :  
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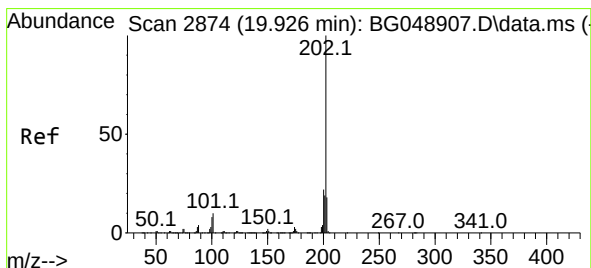
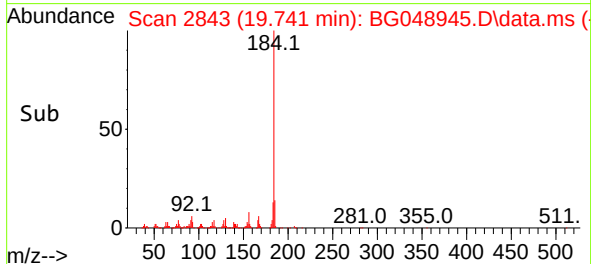
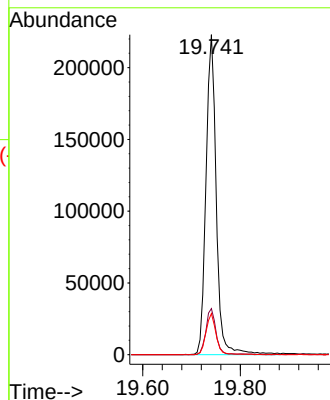
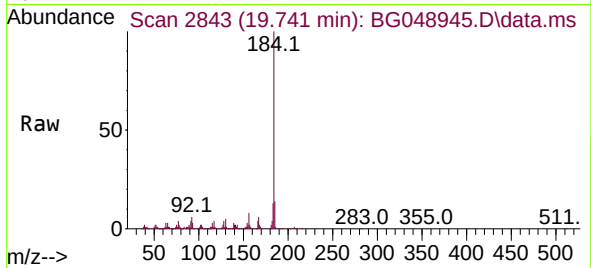
#77  
Benzidine  
Concen: 57.43 ng  
RT: 19.741 min Scan# 2843  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

Tgt Ion:184 Resp: 325516  
Ion Ratio Lower Upper  
184 100  
185 14.4 10.7 16.1  
183 12.9 9.4 14.0

Instrument :  
BNA\_G  
ClientSampleId :  
PB137058BS

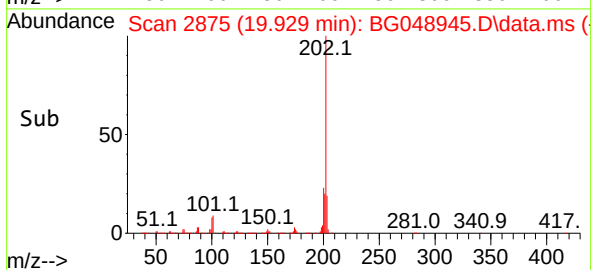
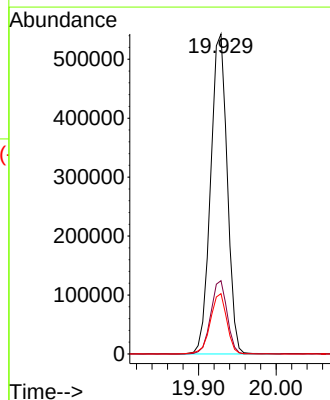
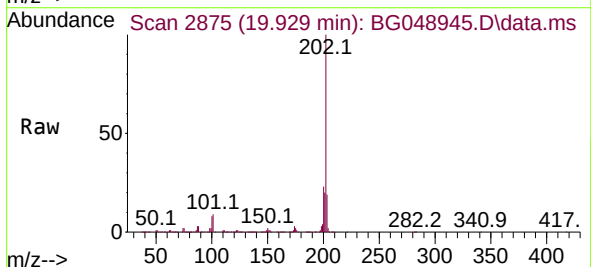
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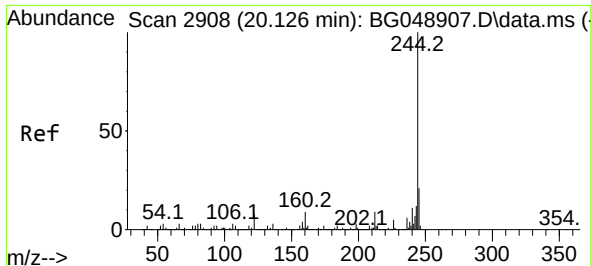
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#78  
Pyrene  
Concen: 39.60 ng  
RT: 19.929 min Scan# 2875  
Delta R.T. 0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

Tgt Ion:202 Resp: 808660  
Ion Ratio Lower Upper  
202 100  
200 22.9 15.8 23.8  
203 18.9 14.6 21.8





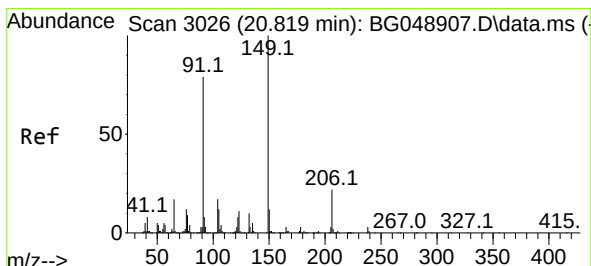
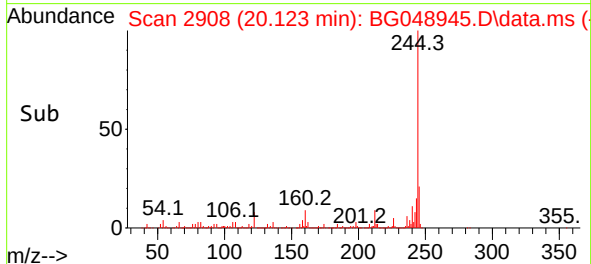
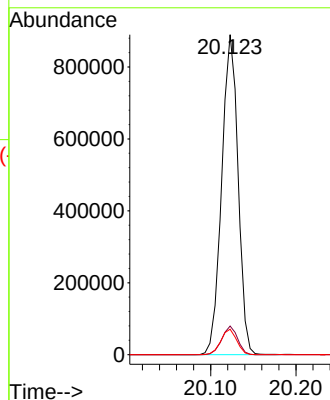
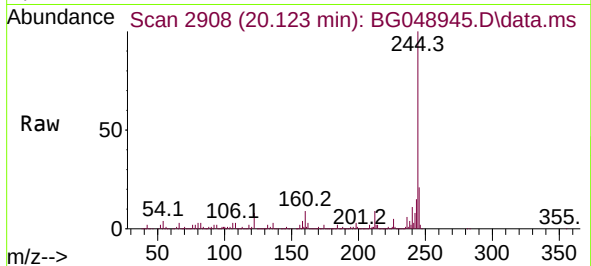
#79  
Terphenyl-d14  
Concen: 77.13 ng  
RT: 20.123 min Scan# 2908  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

Tgt Ion:244 Resp: 1184885  
Ion Ratio Lower Upper  
244 100  
212 8.9 6.9 10.3  
122 8.0 5.0 7.6#

Instrument :  
BNA\_G  
ClientSampleId :  
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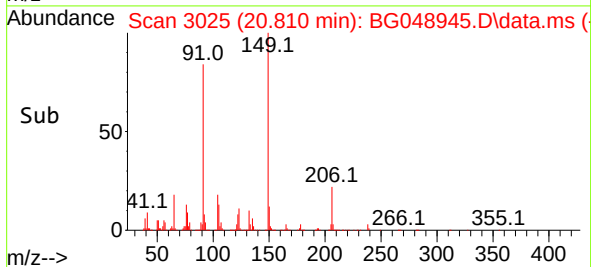
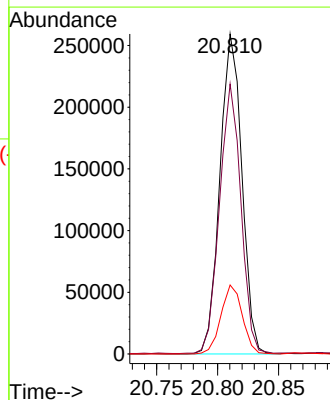
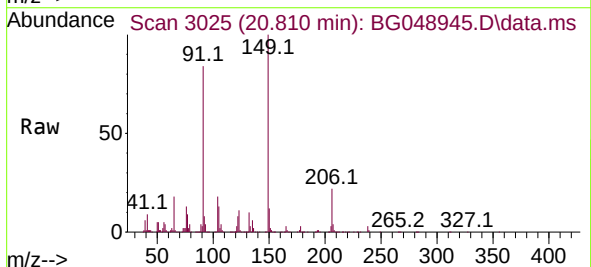
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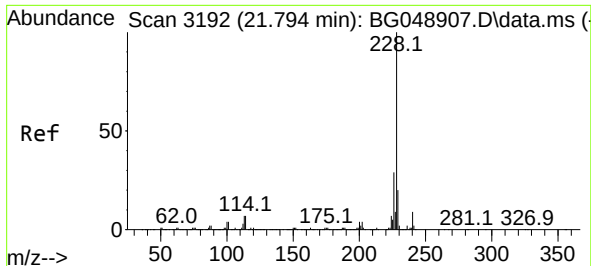
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#80  
Butylbenzylphthalate  
Concen: 42.26 ng  
RT: 20.810 min Scan# 3025  
Delta R.T. -0.009 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

Tgt Ion:149 Resp: 325645  
Ion Ratio Lower Upper  
149 100  
91 84.4 63.4 95.2  
206 21.6 18.4 27.6





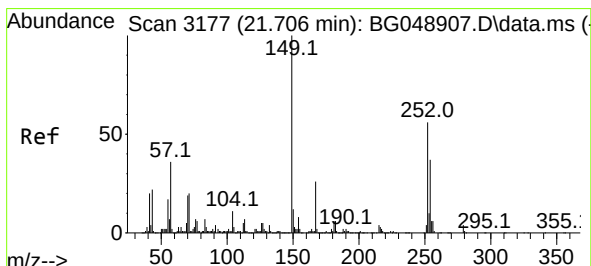
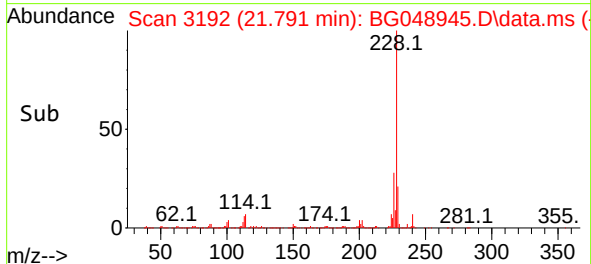
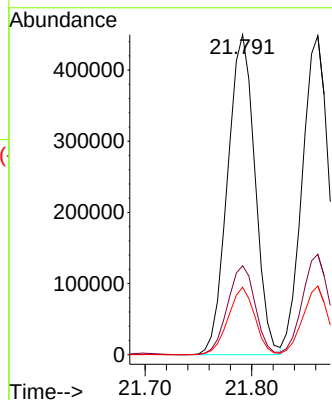
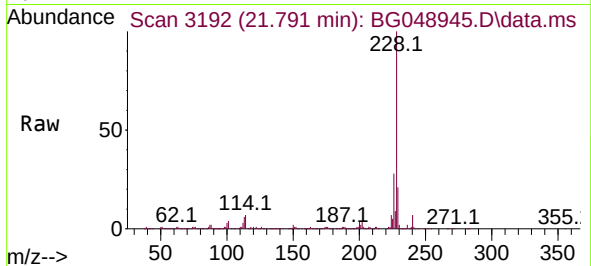
#81  
Benzo(a)anthracene  
Concen: 39.80 ng  
RT: 21.791 min Scan# 3192  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

Tgt Ion:228 Resp: 804029  
Ion Ratio Lower Upper  
228 100  
226 27.8 22.7 34.1  
229 21.1 16.0 24.0

Instrument :  
BNA\_G  
ClientSampleId :  
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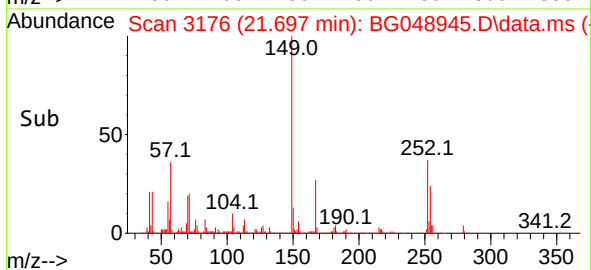
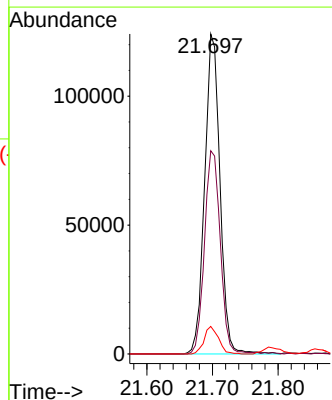
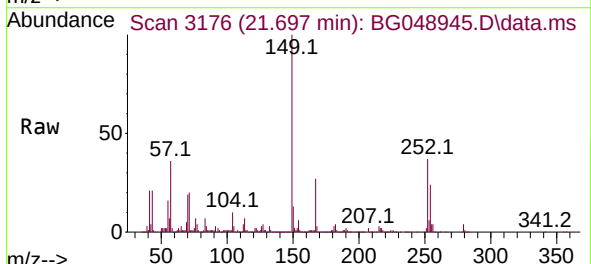
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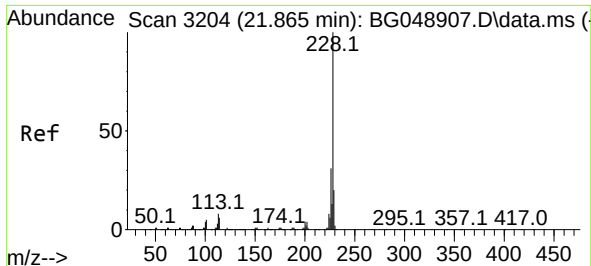
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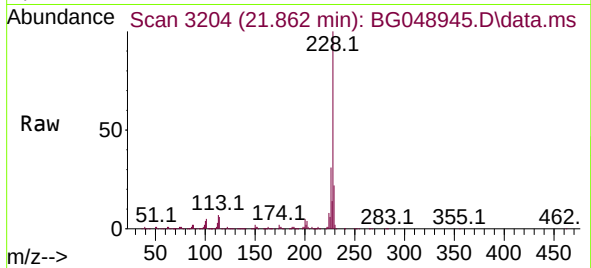
#82  
3,3'-Dichlorobenzidine  
Concen: 31.28 ng  
RT: 21.697 min Scan# 3176  
Delta R.T. -0.009 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

Tgt Ion:252 Resp: 202087  
Ion Ratio Lower Upper  
252 100  
254 63.5 52.4 78.6  
126 8.6 5.9 8.9

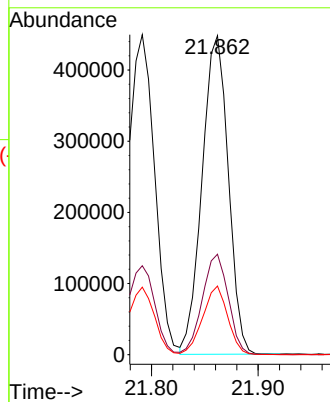
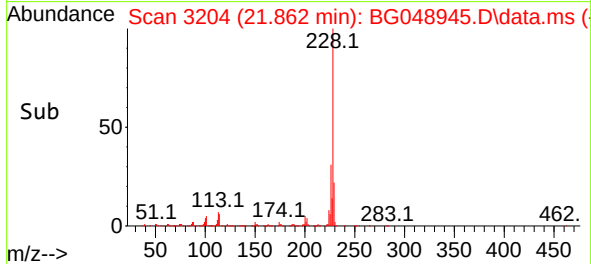




#83  
Chrysene  
Concen: 39.48 ng  
RT: 21.862 min Scan# 3204  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59



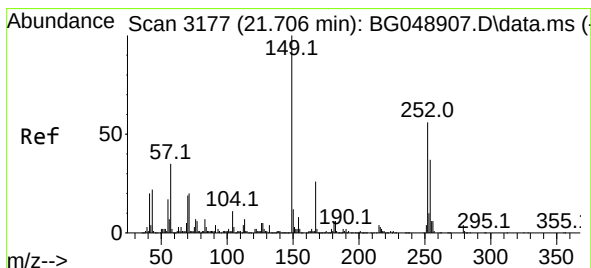
Tgt Ion:228 Resp: 764763  
Ion Ratio Lower Upper  
228 100  
226 31.5 23.1 34.7  
229 21.5 15.3 22.9



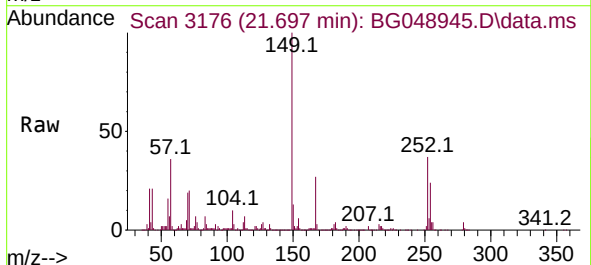
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ClientSampleId :  
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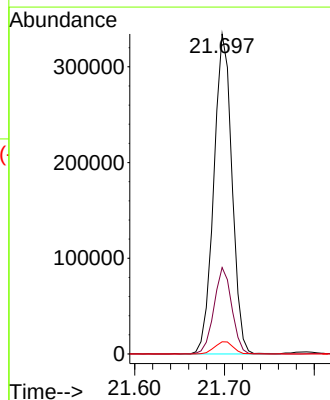
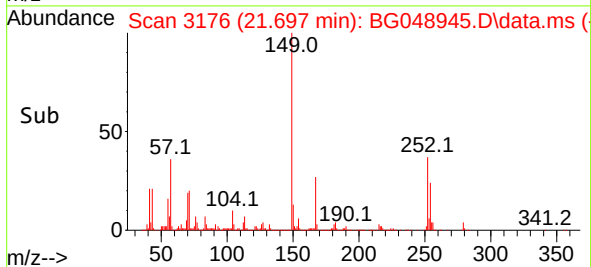
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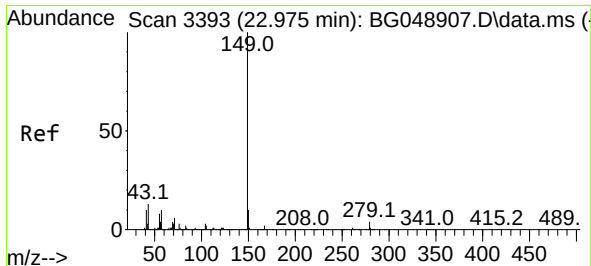


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 42.80 ng  
RT: 21.697 min Scan# 3176  
Delta R.T. -0.009 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59



Tgt Ion:149 Resp: 470051  
Ion Ratio Lower Upper  
149 100  
167 27.0 22.3 33.5  
279 3.8 3.8 5.8#





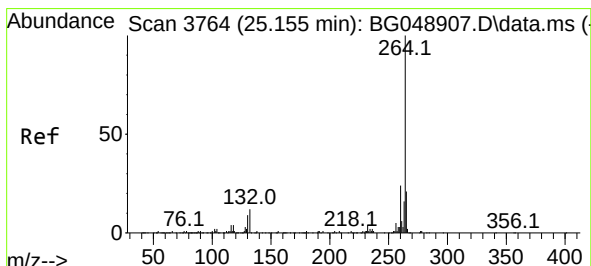
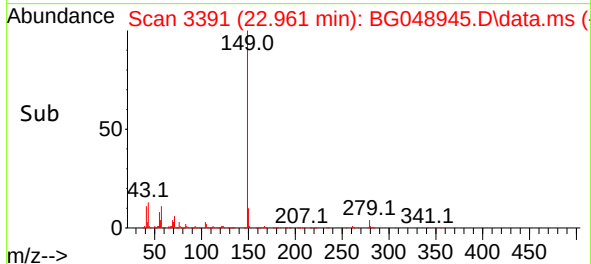
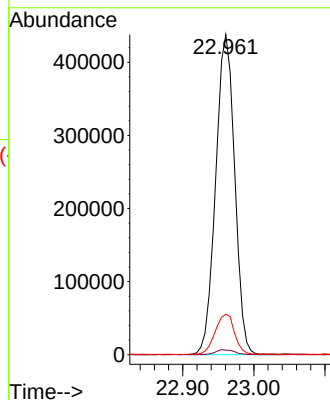
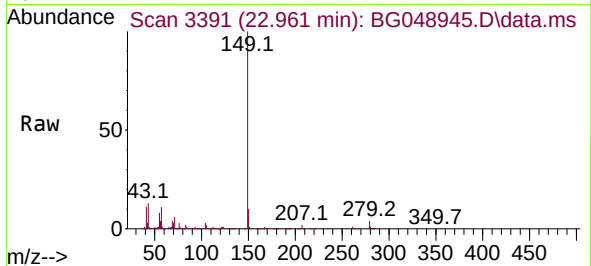
#85  
Di-n-octyl phthalate  
Concen: 43.62 ng  
RT: 22.961 min Scan# 3391  
Delta R.T. -0.015 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

Tgt Ion:149 Resp: 812552  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.4 2.2  
43 12.9 8.6 12.8#

Instrument :  
BNA\_G  
ClientSampleId :  
PB137058BS

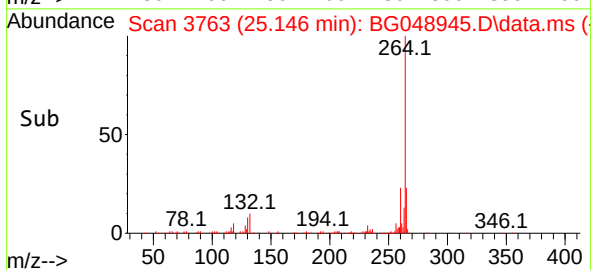
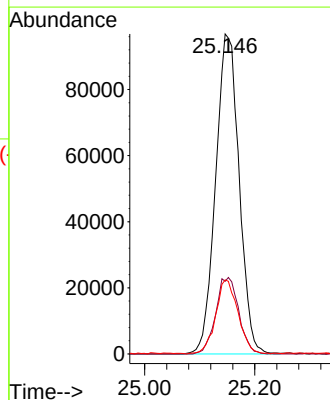
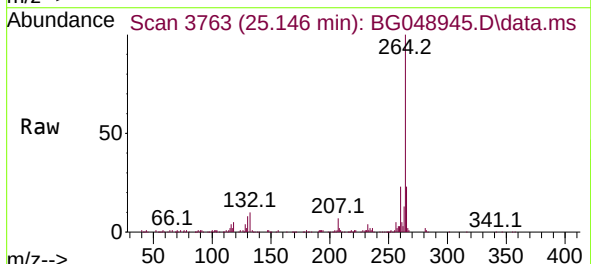
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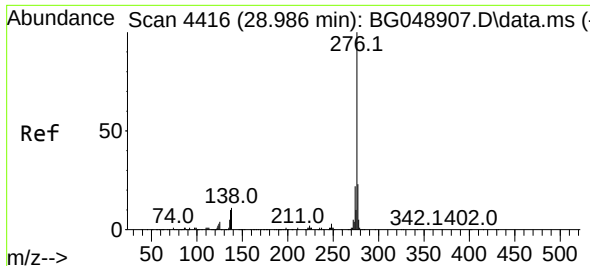
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#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 25.146 min Scan# 3763  
Delta R.T. -0.009 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

Tgt Ion:264 Resp: 286521  
Ion Ratio Lower Upper  
264 100  
260 22.7 19.4 29.2  
265 23.1 16.9 25.3





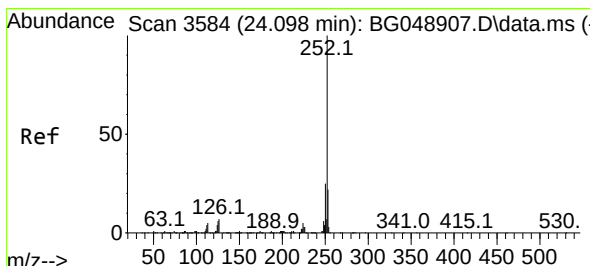
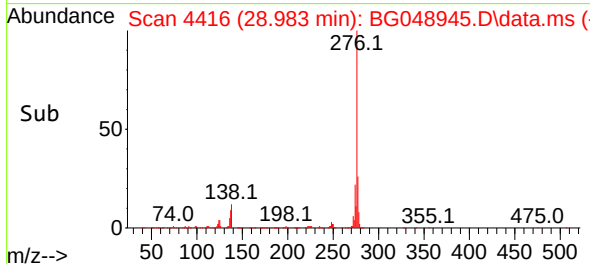
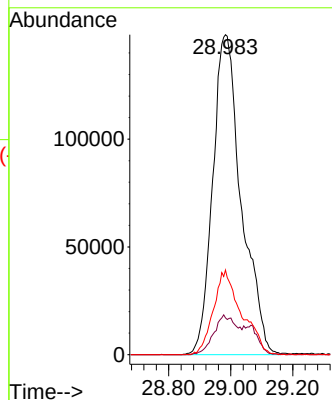
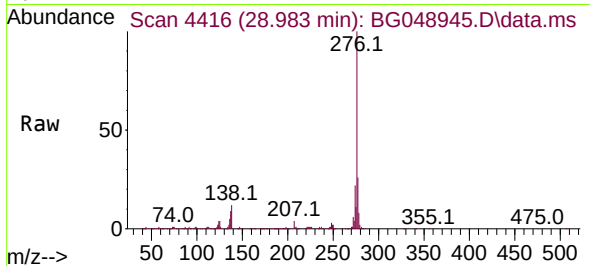
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 44.10 ng  
RT: 28.983 min Scan# 4416  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

Tgt Ion: 276 Resp: 950918  
Ion Ratio Lower Upper  
276 100  
138 10.1 5.1 7.7#  
277 26.0 19.8 29.6

Instrument :  
BNA\_G  
ClientSampleId :  
PB137058BS

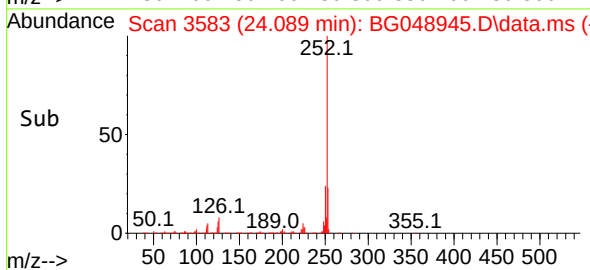
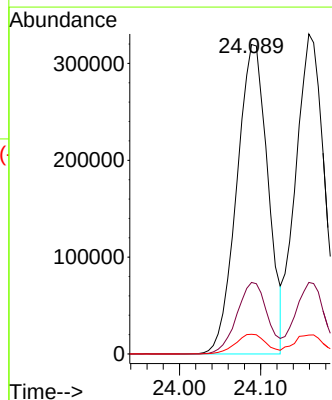
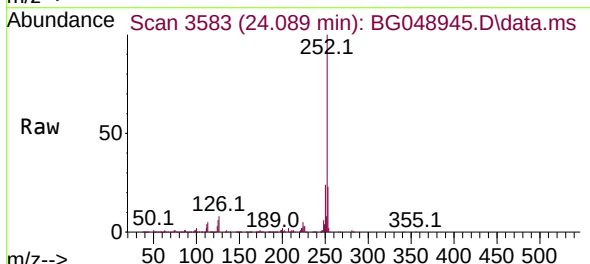
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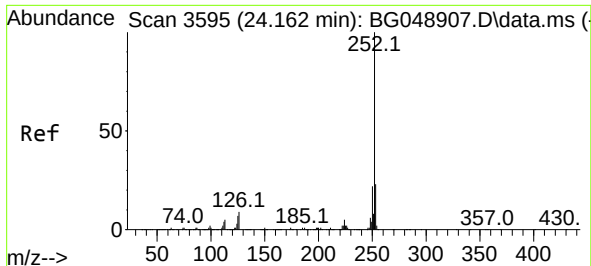
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#88  
Benzo(b)fluoranthene  
Concen: 41.62 ng  
RT: 24.089 min Scan# 3583  
Delta R.T. -0.009 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

Tgt Ion: 252 Resp: 850104  
Ion Ratio Lower Upper  
252 100  
253 23.1 16.2 24.4  
125 6.4 3.0 4.4#





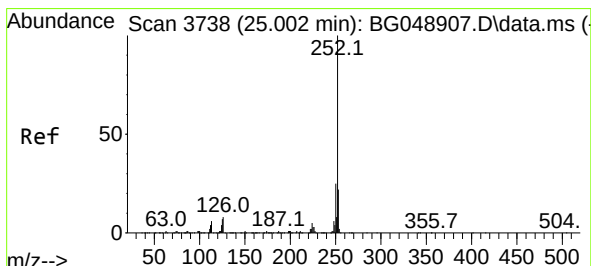
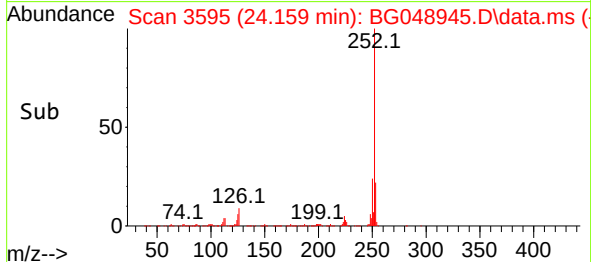
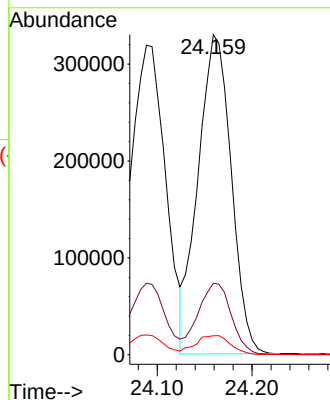
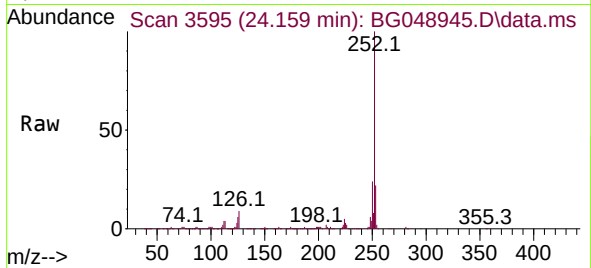
#89  
Benzo(k)fluoranthene  
Concen: 41.34 ng  
RT: 24.159 min Scan# 3595  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

Tgt Ion:252 Resp: 801068  
Ion Ratio Lower Upper  
252 100  
253 22.4 18.0 27.0  
125 5.9 3.1 4.7#

Instrument :  
BNA\_G  
ClientSampleId :  
PB137058BS

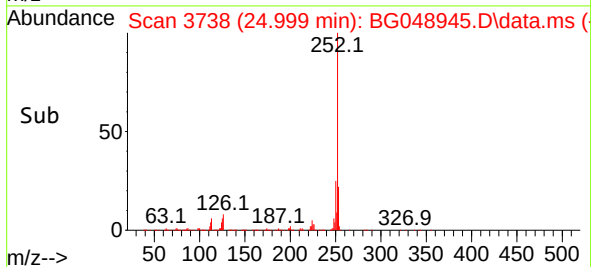
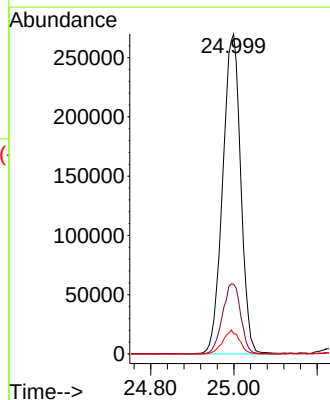
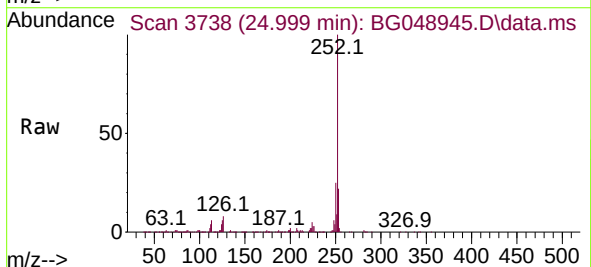
Manual Integrations  
APPROVED

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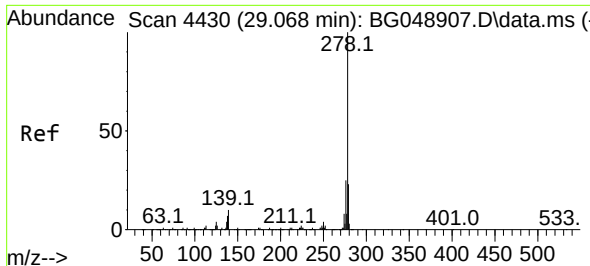


#90  
Benzo(a)pyrene  
Concen: 43.47 ng  
RT: 24.999 min Scan# 3738  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

Tgt Ion:252 Resp: 810509  
Ion Ratio Lower Upper  
252 100  
253 21.8 16.6 25.0  
125 6.3 3.5 5.3#







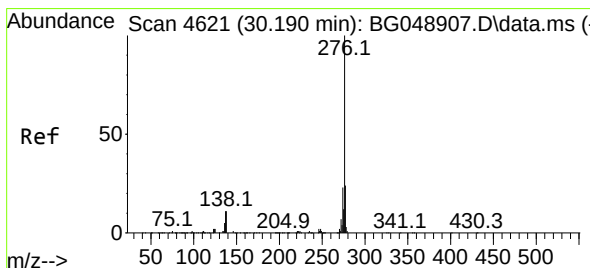
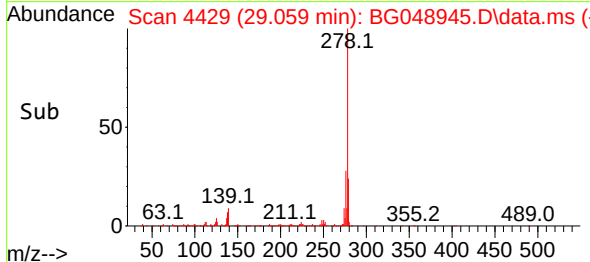
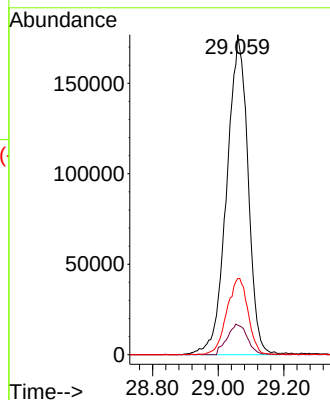
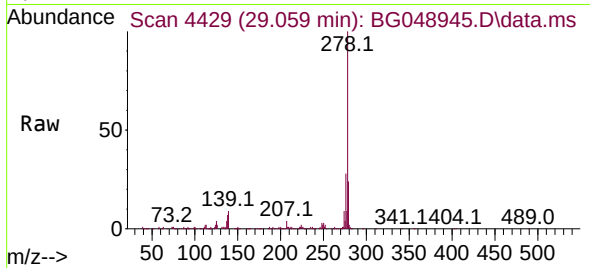
#91  
Dibenzo(a,h)anthracene  
Concen: 44.15 ng  
RT: 29.059 min Scan# 4429  
Delta R.T. -0.009 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

Instrument :  
BNA\_G  
ClientSampleId :  
PB137058BS

Tgt Ion:278 Resp: 795604  
Ion Ratio Lower Upper  
278 100  
139 9.2 4.6 6.8#  
279 23.8 17.9 26.9

Manual Integrations  
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#92  
Benzo(g,h,i)perylene  
Concen: 43.77 ng  
RT: 30.187 min Scan# 4621  
Delta R.T. -0.003 min  
Lab File: BG048945.D  
Acq: 14 Jun 2021 11:59

Tgt Ion:276 Resp: 795490  
Ion Ratio Lower Upper  
276 100  
277 24.5 18.4 27.6  
138 11.5 7.0 10.6#

