

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122920\  
 Data File : BG047837.D  
 Acq On : 29 Dec 2020 15:37  
 Operator : CG/JU  
 Sample : PB133839BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB133839BS

Manual Integrations  
 APPROVED

mohammad  
 12/30/2020 2:49:54 PM

Quant Time: Dec 29 16:24:08 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG121720.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 17 15:55:16 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.202  | 152  | 35540    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.028 | 136  | 135349   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.824 | 164  | 106853   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.562 | 188  | 267659   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.833 | 240  | 241150   | 20.00  | ng    | # 0.00   |
| 86) Perylene-d12              | 25.182 | 264  | 245647   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.723  | 112  | 258862   | 126.00 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.344  | 99   | 372664   | 124.09 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.371  | 82   | 280578   | 76.25  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.304 | 330  | 226321   | 124.07 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.449 | 172  | 619651   | 75.04  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.141 | 244  | 1122901  | 76.73  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.543  | 88   | 26259    | 29.75  | ng    | # 79     |
| 3) Pyridine                   | 3.960  | 79   | 76064    | 33.39  | ng    | # 79     |
| 4) n-Nitrosodimethylamine     | 3.872  | 42   | 72253    | 40.08  | ng    | # 41     |
| 6) Aniline                    | 7.509  | 93   | 104985   | 31.52  | ng    | # 90     |
| 8) 2-Chlorophenol             | 7.756  | 128  | 104190   | 49.75  | ng    | 96       |
| 9) Benzaldehyde               | 7.321  | 77   | 29906m   | 15.19  | ng    |          |
| 10) Phenol                    | 7.368  | 94   | 127743   | 46.91  | ng    | # 50     |
| 11) bis(2-Chloroethyl)ether   | 7.603  | 93   | 86327    | 44.49  | ng    | 98       |
| 12) 1,3-Dichlorobenzene       | 8.090  | 146  | 115506   | 40.92  | ng    | # 86     |
| 13) 1,4-Dichlorobenzene       | 8.237  | 146  | 121615   | 43.11  | ng    | 93       |
| 14) 1,2-Dichlorobenzene       | 8.555  | 146  | 113126   | 42.65  | ng    | 94       |
| 15) Benzyl Alcohol            | 8.431  | 79   | 127572   | 47.95  | ng    | # 84     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.719  | 45   | 82918    | 43.02  | ng    | 78       |
| 17) 2-Methylphenol            | 8.631  | 107  | 94231    | 49.05  | ng    | # 80     |
| 18) Hexachloroethane          | 9.295  | 117  | 46667    | 42.20  | ng    | 90       |
| 19) n-Nitroso-di-n-propyla... | 9.001  | 70   | 90920    | 43.51  | ng    | 89       |
| 20) 3+4-Methylphenols         | 8.960  | 107  | 127782   | 48.55  | ng    | 86       |
| 22) Acetophenone              | 9.025  | 105  | 162887   | 42.05  | ng    | # 89     |
| 24) Nitrobenzene              | 9.412  | 77   | 151439   | 43.60  | ng    | # 83     |
| 25) Isophorone                | 9.935  | 82   | 249890   | 45.04  | ng    | # 92     |
| 26) 2-Nitrophenol             | 10.129 | 139  | 62396    | 45.41  | ng    | # 54     |
| 27) 2,4-Dimethylphenol        | 10.176 | 122  | 110801   | 56.02  | ng    | # 85     |
| 28) bis(2-Chloroethoxy)met... | 10.411 | 93   | 121713   | 42.44  | ng    | 95       |
| 29) 2,4-Dichlorophenol        | 10.664 | 162  | 117889   | 45.77  | ng    | 95       |
| 30) 1,2,4-Trichlorobenzene    | 10.881 | 180  | 136004   | 41.16  | ng    | 99       |
| 31) Naphthalene               | 11.075 | 128  | 322097   | 43.30  | ng    | 99       |
| 32) Benzoic acid              | 10.311 | 122  | 33621    | 32.37  | ng    | # 88     |
| 33) 4-Chloroaniline           | 11.175 | 127  | 53146    | 16.82  | ng    | 92       |
| 34) Hexachlorobutadiene       | 11.357 | 225  | 115609   | 39.67  | ng    | 94       |
| 35) Caprolactam               | 11.945 | 113  | 38907m   | 47.57  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 12.280 | 107  | 140774   | 50.01  | ng    | # 82     |
| 37) 2-Methylnaphthalene       | 12.667 | 142  | 250703   | 43.44  | ng    | # 87     |
| 38) 1-Methylnaphthalene       | 12.885 | 142  | 235061   | 43.10  | ng    | # 99     |
| 40) 1,2,4,5-Tetrachloroben... | 13.032 | 216  | 183737   | 41.90  | ng    | # 97     |
| 41) Hexachlorocyclopentadiene | 13.008 | 237  | 245425   | 103.35 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol     | 13.261 | 196  | 124074   | 44.28  | ng    | 97       |

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Manual Integrations  
 APPROVED

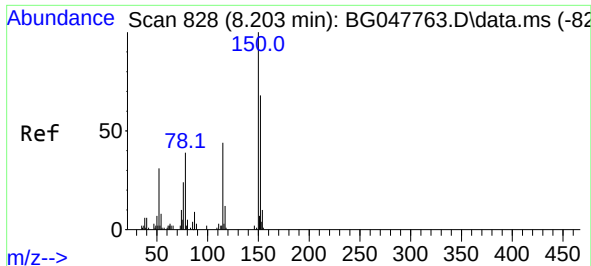
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 12/30/2020 2:49:54 PM

Quant Time: Dec 29 16:24:08 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG121720.M  
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 QLast Update : Thu Dec 17 15:55:16 2020  
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| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |    |
|-------------------------------|--------|------|----------|-------|-------|----------|----|
| 44) 2,4,5-Trichlorophenol     | 13.331 | 196  | 132275   | 47.71 | ng    | #        | 91 |
| 46) 1,1'-Biphenyl             | 13.660 | 154  | 343049   | 42.07 | ng    |          | 97 |
| 47) 2-Chloronaphthalene       | 13.707 | 162  | 278467   | 42.00 | ng    |          | 93 |
| 48) 2-Nitroaniline            | 13.895 | 65   | 104039   | 42.46 | ng    | #        | 72 |
| 49) Acenaphthylene            | 14.548 | 152  | 429446   | 43.64 | ng    |          | 99 |
| 50) Dimethylphthalate         | 14.266 | 163  | 397510   | 43.16 | ng    |          | 98 |
| 51) 2,6-Dinitrotoluene        | 14.389 | 165  | 85521    | 45.68 | ng    | #        | 41 |
| 52) Acenaphthene              | 14.888 | 154  | 352322m  | 50.76 | ng    |          |    |
| 53) 3-Nitroaniline            | 14.718 | 138  | 48715    | 26.26 | ng    | #        | 69 |
| 54) 2,4-Dinitrophenol         | 14.924 | 184  | 108068   | 90.09 | ng    | #        | 45 |
| 55) Dibenzofuran              | 15.217 | 168  | 442439   | 43.97 | ng    | #        | 91 |
| 56) 4-Nitrophenol             | 15.018 | 139  | 127725   | 95.49 | ng    | #        | 21 |
| 57) 2,4-Dinitrotoluene        | 15.170 | 165  | 123428   | 44.34 | ng    | #        | 62 |
| 58) Fluorene                  | 15.864 | 166  | 379498   | 44.40 | ng    |          | 99 |
| 59) 2,3,4,6-Tetrachlorophenol | 15.441 | 232  | 129098   | 45.59 | ng    | #        | 94 |
| 60) Diethylphthalate          | 15.617 | 149  | 390269   | 43.95 | ng    |          | 98 |
| 61) 4-Chlorophenyl-phenyle... | 15.852 | 204  | 233678   | 43.39 | ng    |          | 99 |
| 62) 4-Nitroaniline            | 15.875 | 138  | 78974    | 38.69 | ng    | #        | 19 |
| 63) Azobenzene                | 16.140 | 77   | 370757   | 44.78 | ng    |          | 86 |
| 65) 4,6-Dinitro-2-methylph... | 15.934 | 198  | 78335    | 45.80 | ng    |          | 79 |
| 66) n-Nitrosodiphenylamine    | 16.063 | 169  | 352615   | 46.04 | ng    |          | 96 |
| 67) 4-Bromophenyl-phenylether | 16.739 | 248  | 154369   | 42.92 | ng    | #        | 88 |
| 68) Hexachlorobenzene         | 16.868 | 284  | 171029   | 43.84 | ng    |          | 91 |
| 69) Atrazine                  | 16.998 | 200  | 127668   | 39.69 | ng    |          | 97 |
| 70) Pentachlorophenol         | 17.203 | 266  | 205639   | 72.29 | ng    |          | 99 |
| 71) Phenanthrene              | 17.603 | 178  | 636083   | 44.08 | ng    |          | 96 |
| 72) Anthracene                | 17.691 | 178  | 653500   | 46.71 | ng    |          | 97 |
| 73) Carbazole                 | 17.955 | 167  | 547325   | 44.68 | ng    |          | 99 |
| 74) Di-n-butylphthalate       | 18.496 | 149  | 640846   | 44.38 | ng    | #        | 97 |
| 75) Fluoranthene              | 19.595 | 202  | 809661   | 41.85 | ng    |          | 93 |
| 77) Benzidine                 | 19.765 | 184  | 212561   | 32.78 | ng    |          | 97 |
| 78) Pyrene                    | 19.959 | 202  | 802178   | 46.43 | ng    |          | 97 |
| 80) Butylbenzylphthalate      | 20.817 | 149  | 262069   | 44.23 | ng    | #        | 86 |
| 81) Benzo(a)anthracene        | 21.816 | 228  | 754495   | 43.56 | ng    |          | 97 |
| 82) 3,3'-Dichlorobenzidine    | 21.716 | 252  | 172023   | 28.22 | ng    | #        | 98 |
| 83) Chrysene                  | 21.886 | 228  | 729357   | 44.58 | ng    |          | 98 |
| 84) Bis(2-ethylhexyl)phtha... | 21.692 | 149  | 368518   | 45.13 | ng    |          | 97 |
| 85) Di-n-octyl phthalate      | 22.944 | 149  | 613658   | 44.32 | ng    | #        | 95 |
| 87) Indeno(1,2,3-cd)pyrene    | 29.037 | 276  | 870921   | 46.69 | ng    | #        | 84 |
| 88) Benzo(b)fluoranthene      | 24.119 | 252  | 784554   | 46.32 | ng    | #        | 95 |
| 89) Benzo(k)fluoranthene      | 24.189 | 252  | 772697   | 47.06 | ng    | #        | 95 |
| 90) Benzo(a)pyrene            | 25.029 | 252  | 714443   | 45.33 | ng    | #        | 94 |
| 91) Dibenzo(a,h)anthracene    | 29.095 | 278  | 714115   | 47.26 | ng    | #        | 91 |
| 92) Benzo(g,h,i)perylene      | 30.247 | 276  | 717612   | 48.56 | ng    | #        | 91 |

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





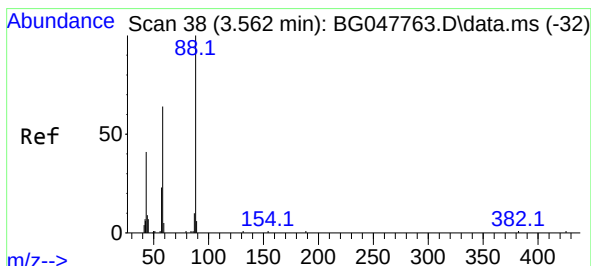
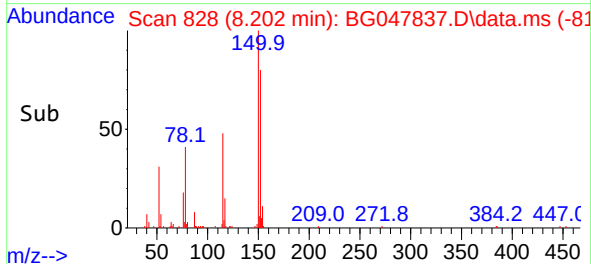
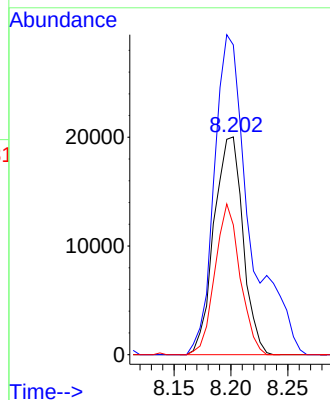
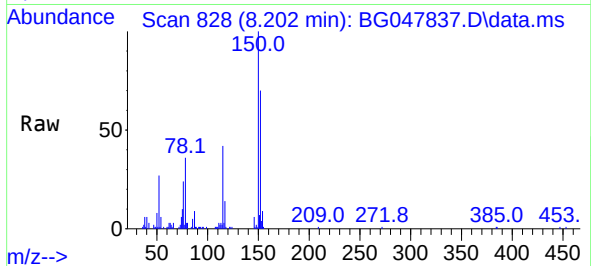
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1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.202 min Scan# 828  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

Tgt Ion:152 Resp: 35540  
Ion Ratio Lower Upper  
152 100  
150 142.3 125.0 187.6  
115 59.6 41.8 62.6

Instrument :  
BNA\_G  
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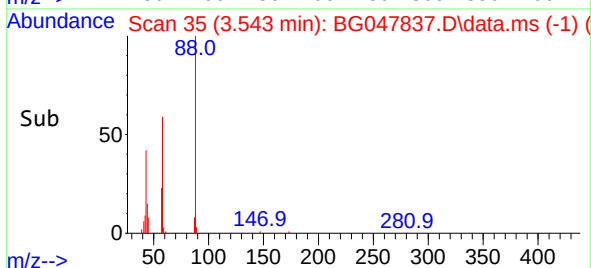
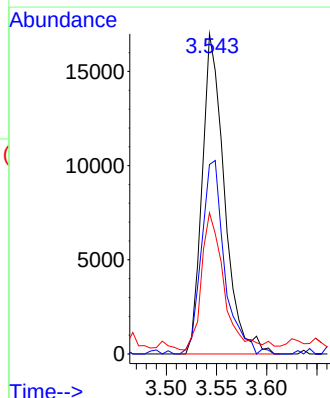
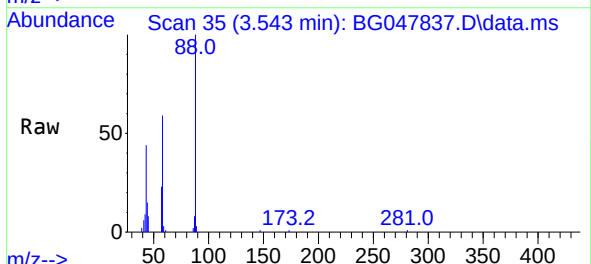
Manual Integrations  
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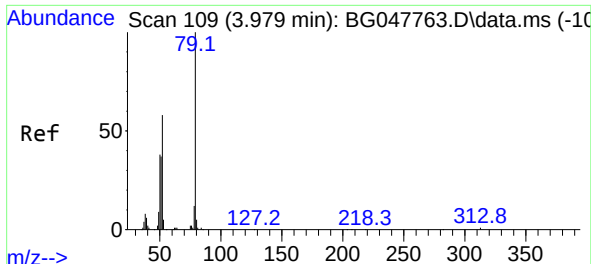
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#2  
1,4-Dioxane  
Concen: 29.75 ng  
RT: 3.543 min Scan# 35  
Delta R.T. -0.019 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

Tgt Ion: 88 Resp: 26259  
Ion Ratio Lower Upper  
88 100  
58 62.8 61.6 92.4  
43 43.3 21.3 31.9





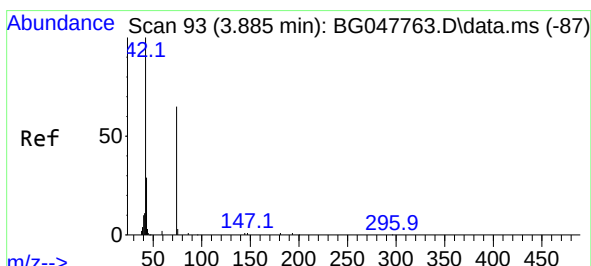
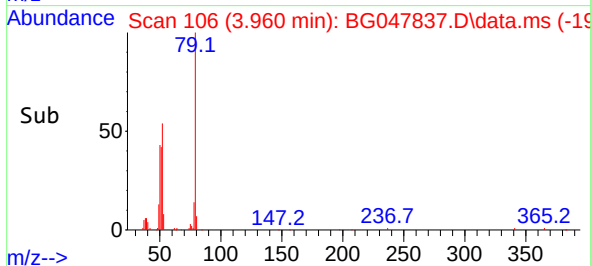
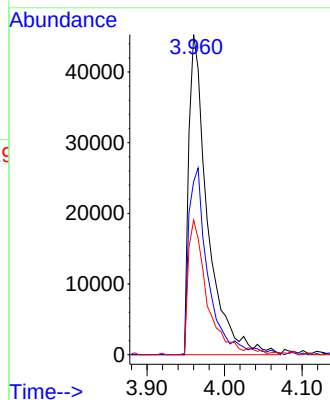
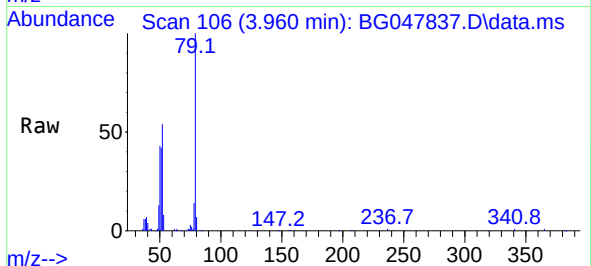
#3  
Pyridine  
Concen: 33.39 ng  
RT: 3.960 min Scan# 106  
Delta R.T. -0.019 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

Tgt Ion: 79 Resp: 76064  
Ion Ratio Lower Upper  
79 100  
52 54.1 61.3 91.9#  
51 42.1 28.4 42.6

Instrument :  
BNA\_G  
ClientSampleId :  
PB133839BS

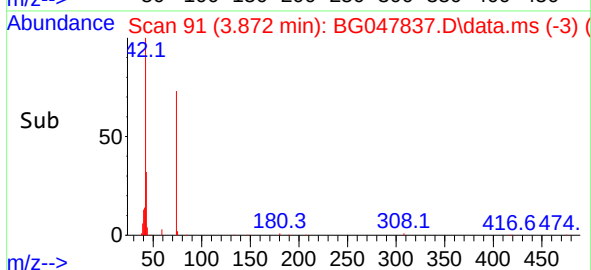
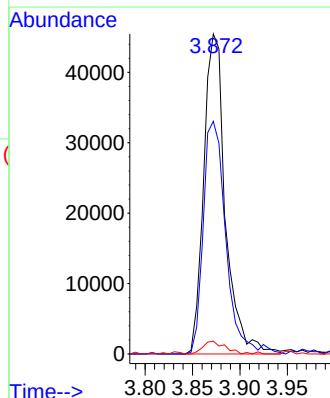
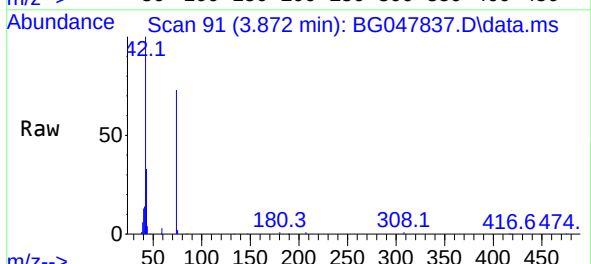
Manual Integrations  
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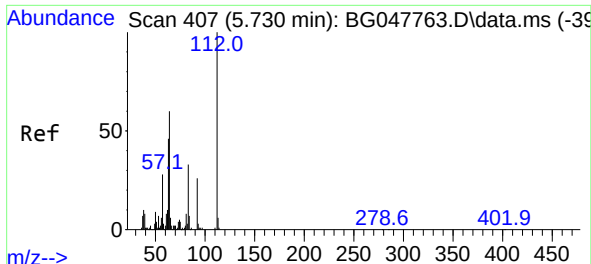
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#4  
n-Nitrosodimethylamine  
Concen: 40.08 ng  
RT: 3.872 min Scan# 91  
Delta R.T. -0.013 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

Tgt Ion: 42 Resp: 72253  
Ion Ratio Lower Upper  
42 100  
74 72.7 120.4 180.6#  
44 4.0 6.2 9.2#





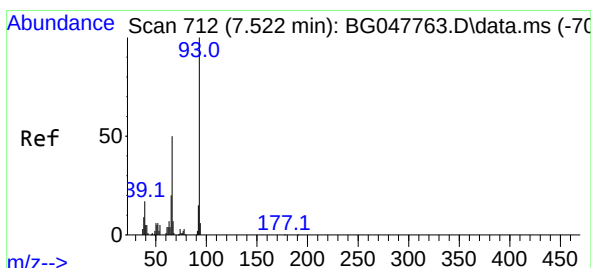
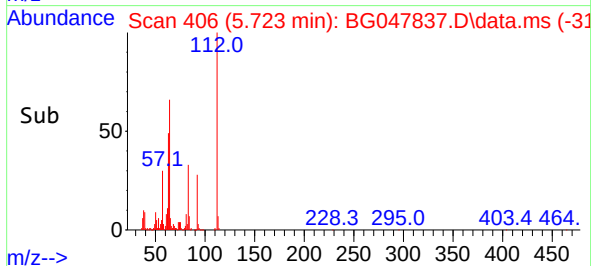
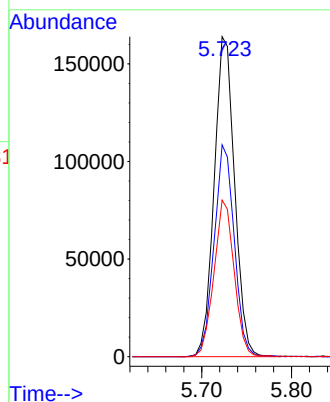
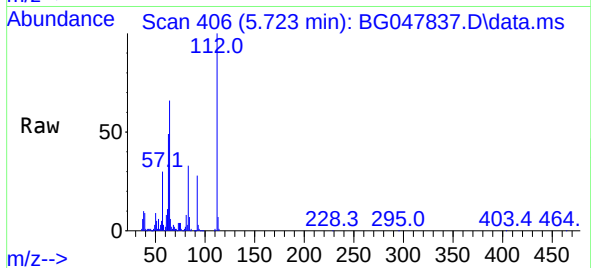
#5  
2-Fluorophenol  
Concen: 126.00 ng  
RT: 5.723 min Scan# 406  
Delta R.T. -0.007 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

Tgt Ion: 112 Resp: 258862  
Ion Ratio Lower Upper  
112 100  
64 66.2 46.7 70.1  
63 49.0 22.8 34.2#

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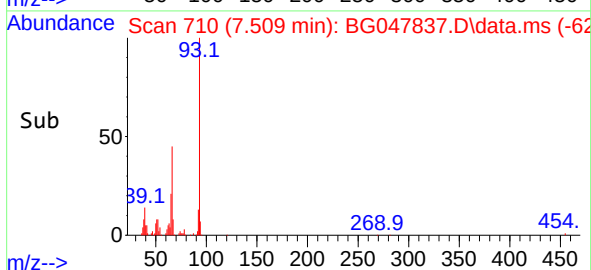
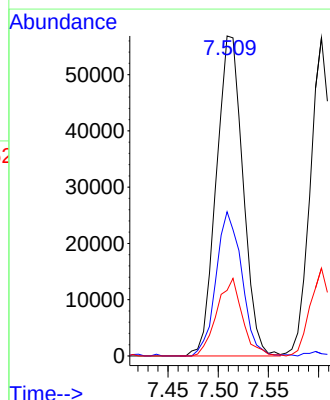
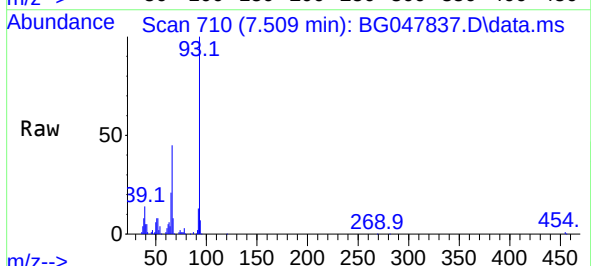
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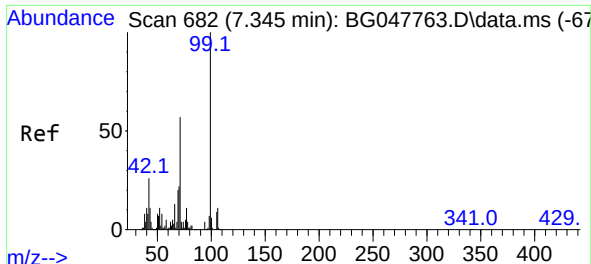
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12/30/2020 2:49:54 PM



#6  
Aniline  
Concen: 31.52 ng  
RT: 7.509 min Scan# 710  
Delta R.T. -0.013 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

Tgt Ion: 93 Resp: 104985  
Ion Ratio Lower Upper  
93 100  
66 45.1 29.5 44.3#  
65 20.5 15.5 23.3





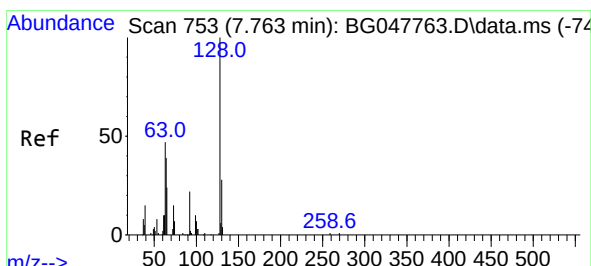
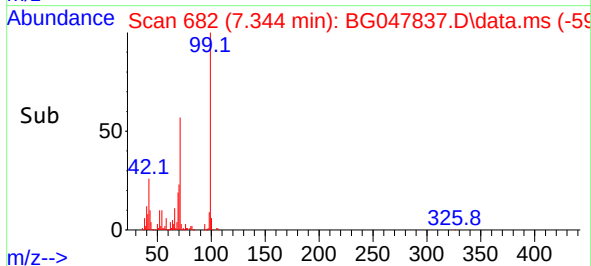
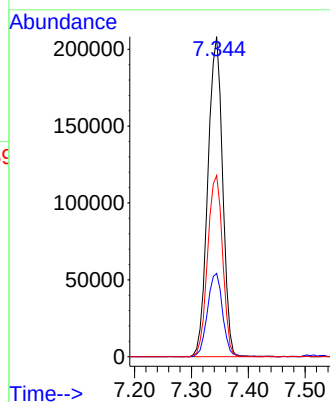
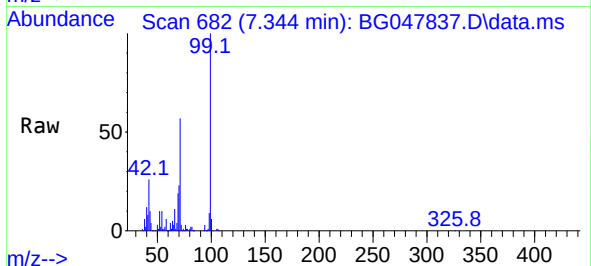
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Phenol-d6  
Concen: 124.09 ng  
RT: 7.344 min Scan# 682  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

Tgt Ion: 99 Resp: 372664  
Ion Ratio Lower Upper  
99 100  
42 26.1 12.8 19.2#  
71 56.6 24.6 36.8#

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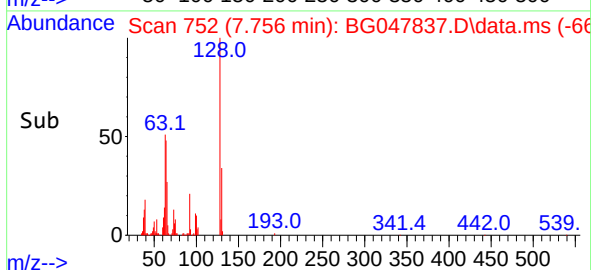
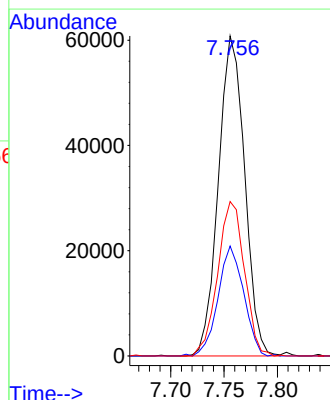
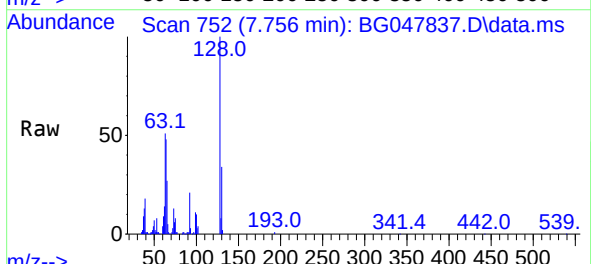
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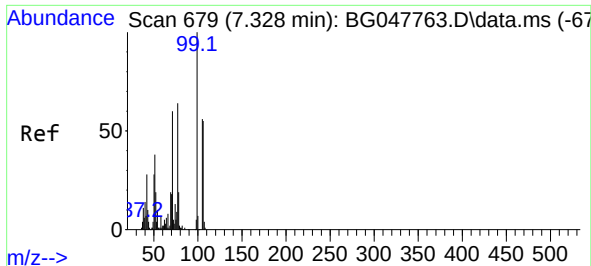
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#8  
2-Chlorophenol  
Concen: 49.75 ng  
RT: 7.756 min Scan# 752  
Delta R.T. -0.007 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

Tgt Ion: 128 Resp: 104190  
Ion Ratio Lower Upper  
128 100  
130 34.4 12.6 52.6  
64 48.2 24.8 64.8





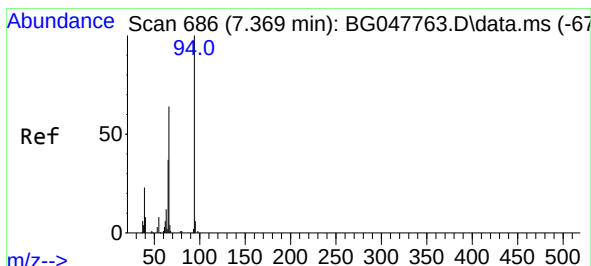
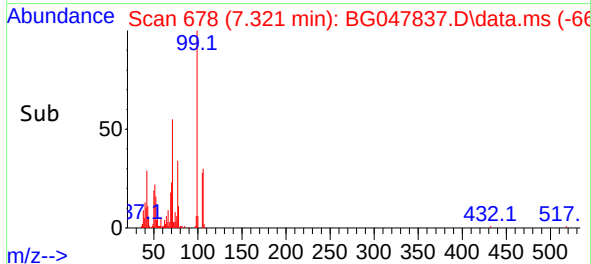
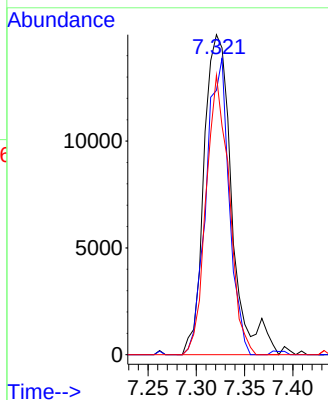
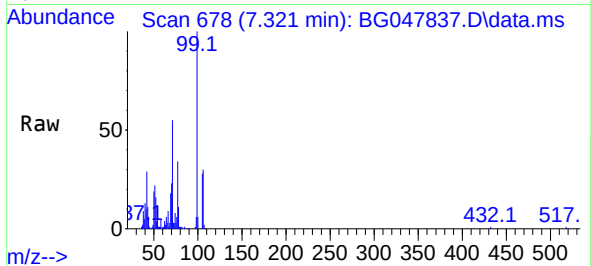
#9  
Benzaldehyde  
Concen: 15.19 ng m  
RT: 7.321 min Scan# 678  
Delta R.T. -0.007 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

Tgt Ion: 77 Resp: 29906  
Ion Ratio Lower Upper  
77 100  
105 82.6 85.9 125.9#  
106 87.3 80.9 120.9

Instrument :  
BNA\_G  
ClientSampleId :  
PB133839BS

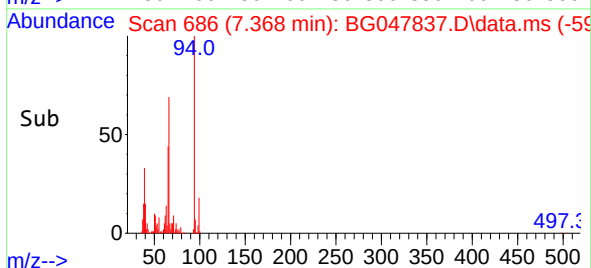
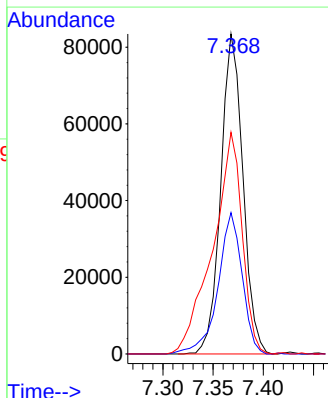
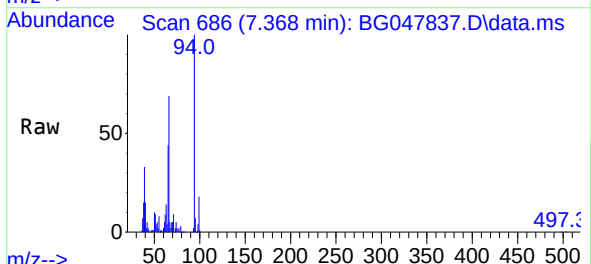
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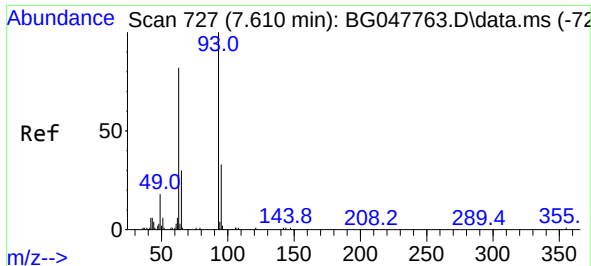


#10  
Phenol  
Concen: 46.91 ng  
RT: 7.368 min Scan# 686  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

Tgt Ion: 94 Resp: 127743  
Ion Ratio Lower Upper  
94 100  
65 44.2 6.6 46.6  
66 69.2 13.9 53.9#

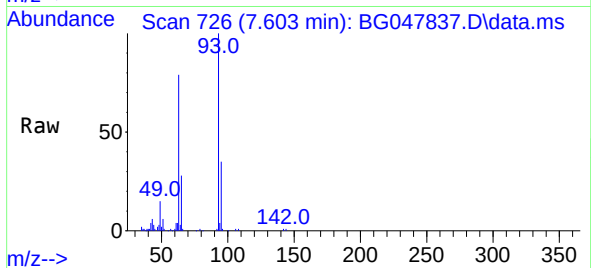






#11  
bis(2-Chloroethyl)ether  
Concen: 44.49 ng  
RT: 7.603 min Scan# 726  
Delta R.T. -0.007 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

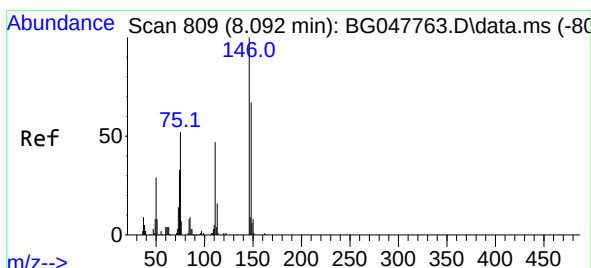
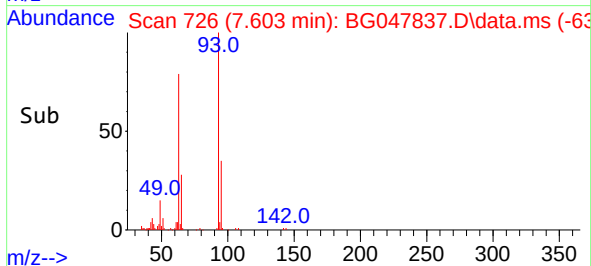
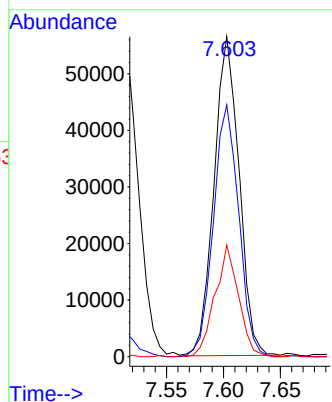
Instrument :  
BNA\_G  
ClientSampleId :  
PB133839BS



Tgt Ion: 93 Resp: 86327  
Ion Ratio Lower Upper  
93 100  
63 78.7 56.4 96.4  
95 34.9 13.8 53.8

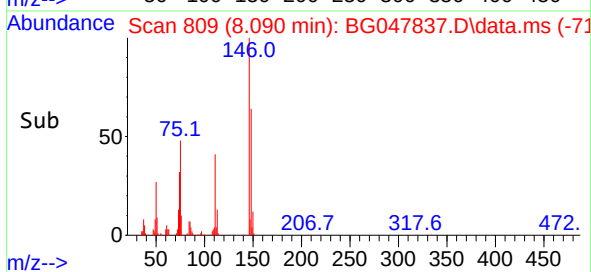
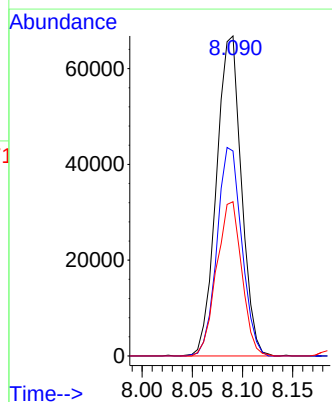
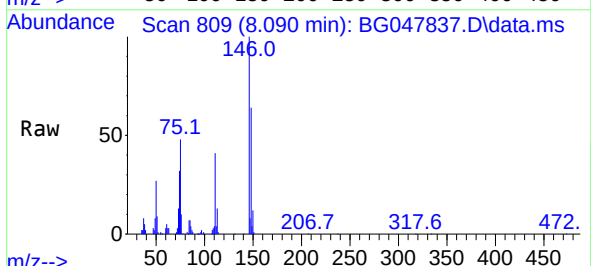
Manual Integrations  
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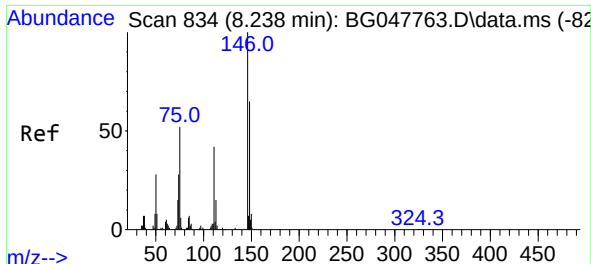
mohammad  
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#12  
1,3-Dichlorobenzene  
Concen: 40.92 ng  
RT: 8.090 min Scan# 809  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

Tgt Ion: 146 Resp: 115506  
Ion Ratio Lower Upper  
146 100  
148 64.1 50.1 75.1  
75 48.2 20.1 30.1#





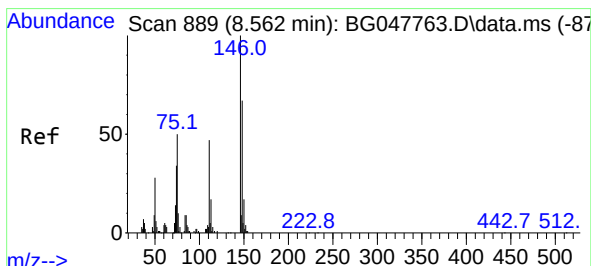
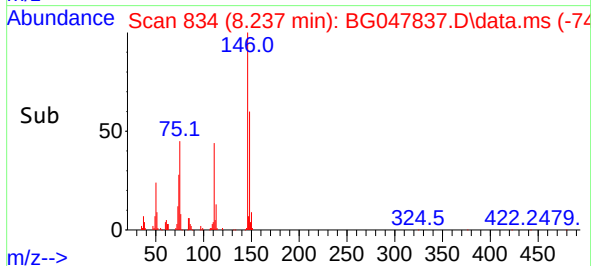
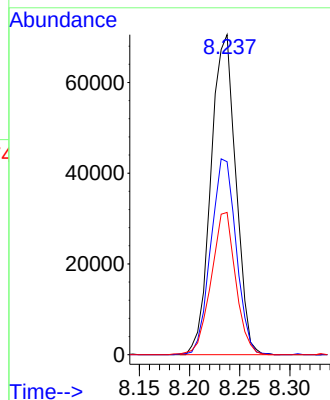
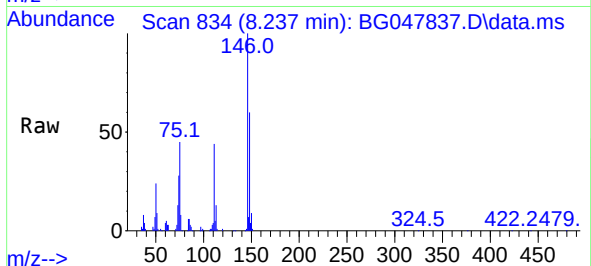
#13  
1,4-Dichlorobenzene  
Concen: 43.11 ng  
RT: 8.237 min Scan# 834  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 121615 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 60.3  | 51.1  | 76.7   |
| 111       | 44.4  | 29.7  | 44.5   |

Instrument :  
BNA\_G  
ClientSampleId :  
PB133839BS

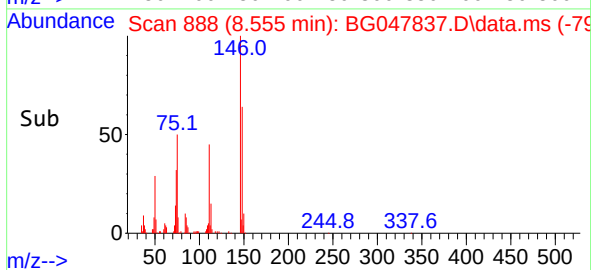
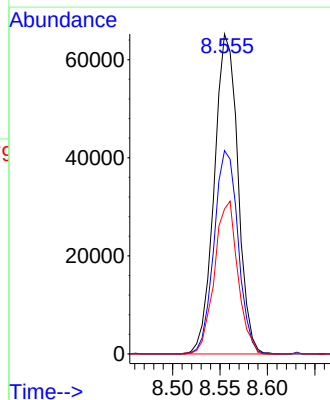
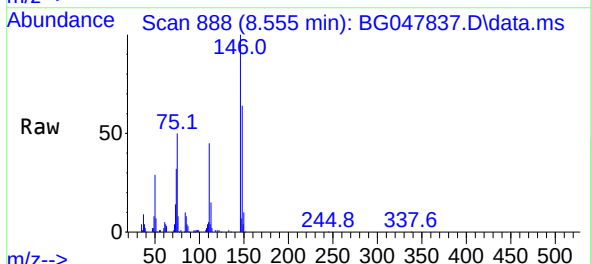
Manual Integrations  
APPROVED

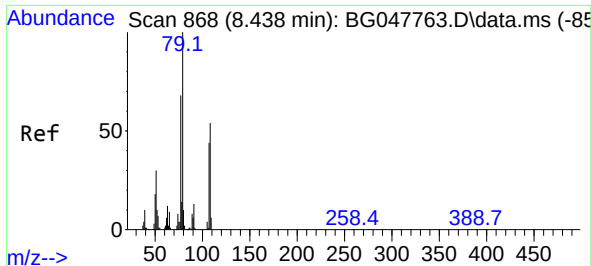
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#14  
1,2-Dichlorobenzene  
Concen: 42.65 ng  
RT: 8.555 min Scan# 888  
Delta R.T. -0.007 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

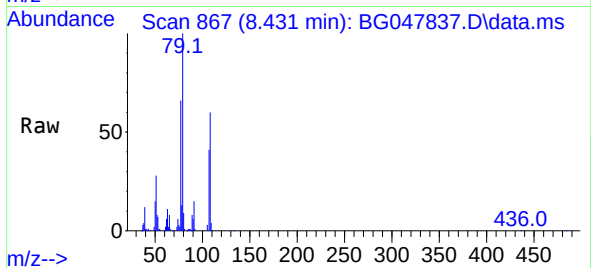
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 113126 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.6  | 53.0  | 79.6   |
| 111       | 45.3  | 30.7  | 46.1   |





#15  
Benzyl Alcohol  
Concen: 47.95 ng  
RT: 8.431 min Scan# 867  
Delta R.T. -0.007 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

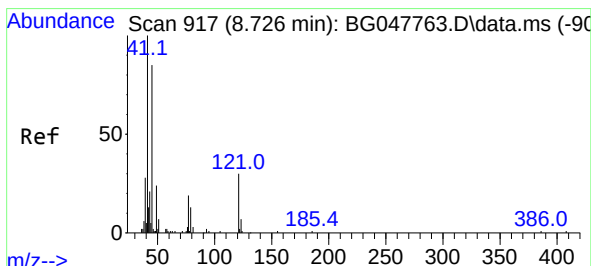
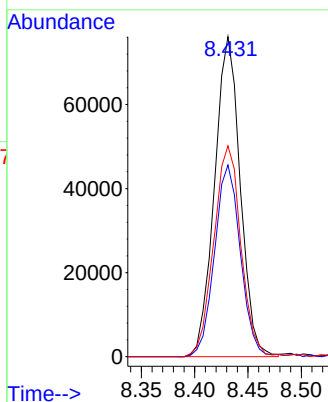
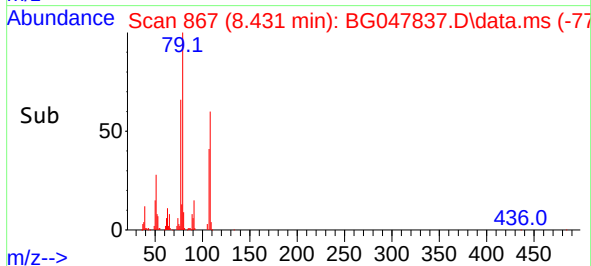
Instrument :  
BNA\_G  
ClientSampleId :  
PB133839BS



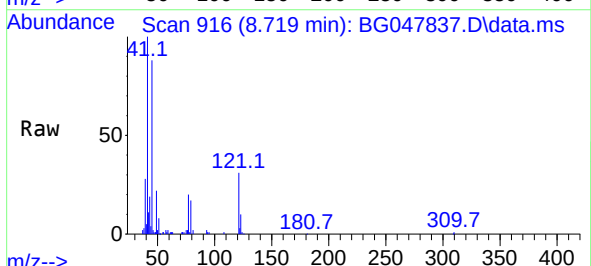
Tgt Ion: 79 Resp: 127572  
Ion Ratio Lower Upper  
79 100  
108 59.9 65.5 98.3#  
77 65.9 50.1 75.1

Manual Integrations  
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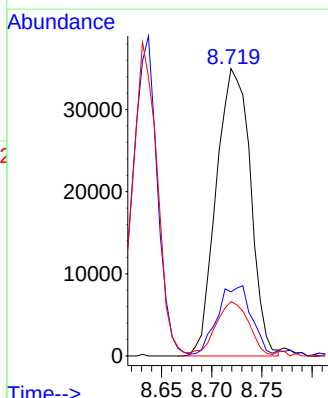
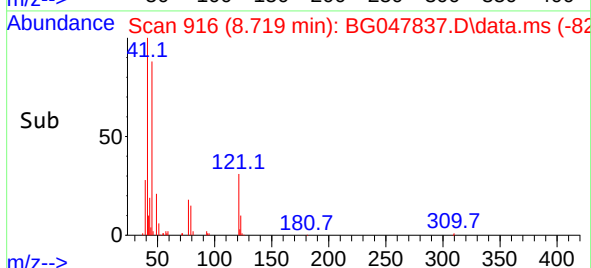
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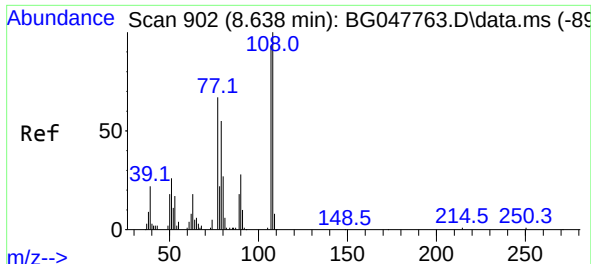


#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 43.02 ng  
RT: 8.719 min Scan# 916  
Delta R.T. -0.007 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37



Tgt Ion: 45 Resp: 82918  
Ion Ratio Lower Upper  
45 100  
77 22.3 0.0 33.4  
79 18.9 0.0 30.8





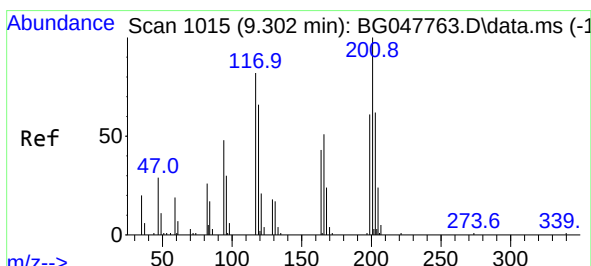
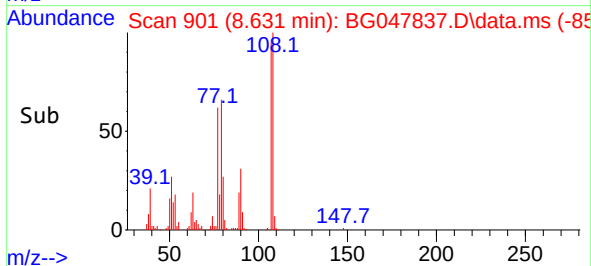
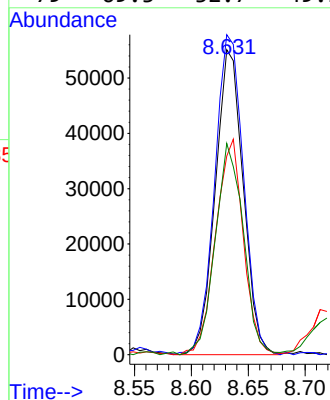
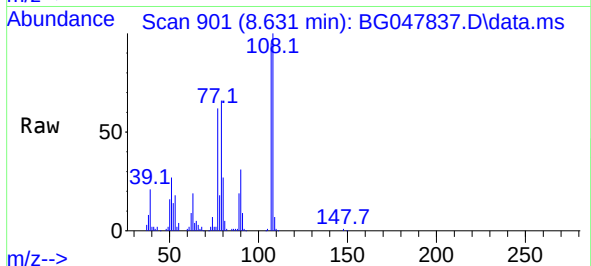
#17  
2-Methylphenol  
Concen: 49.05 ng  
RT: 8.631 min Scan# 901  
Delta R.T. -0.007 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 94231 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 105.0 | 87.2  | 130.8 |
| 77       | 65.1  | 33.8  | 50.8# |
| 79       | 69.3  | 32.7  | 49.1# |

Instrument :  
BNA\_G  
ClientSampleId :  
PB133839BS

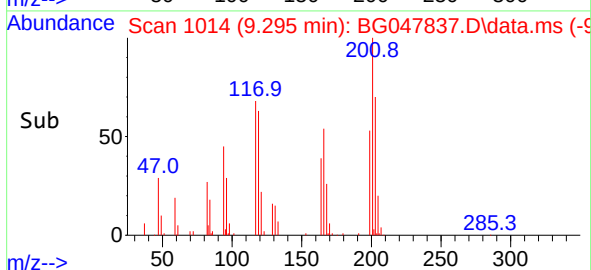
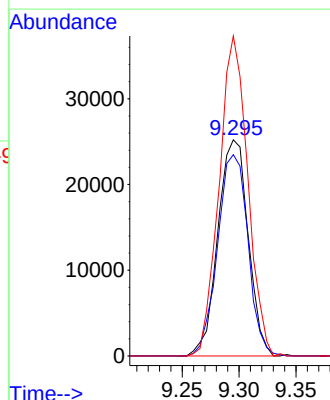
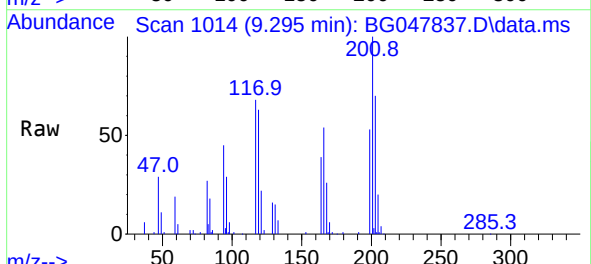
Manual Integrations  
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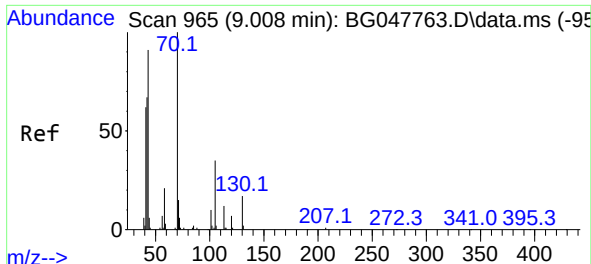
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#18  
Hexachloroethane  
Concen: 42.20 ng  
RT: 9.295 min Scan# 1014  
Delta R.T. -0.007 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 46667 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 93.1  | 77.5  | 116.3 |
| 201      | 148.0 | 104.9 | 157.3 |





#19

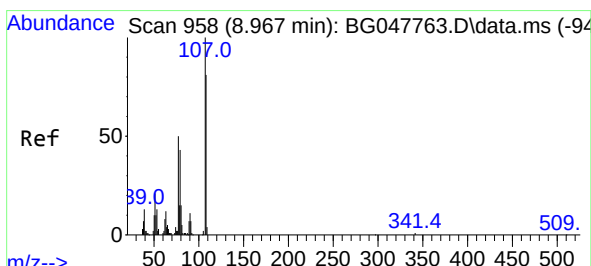
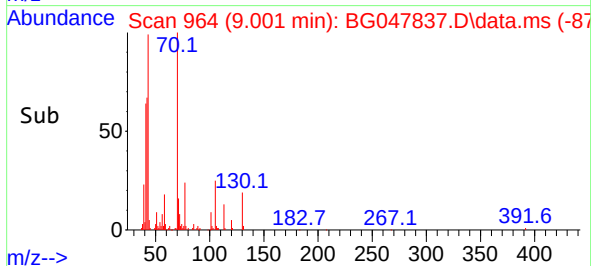
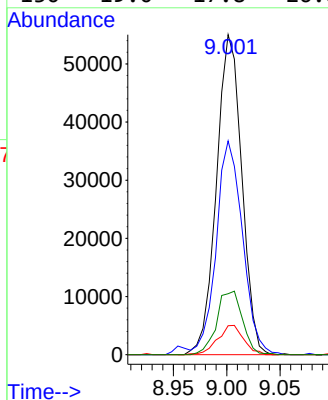
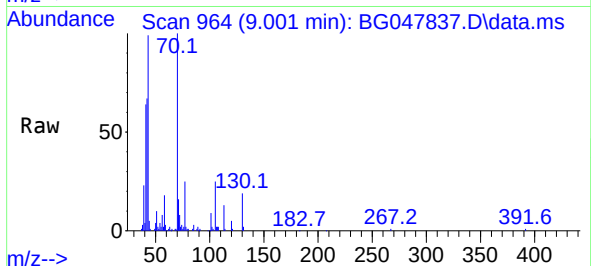
n-Nitroso-di-n-propylamine  
Concen: 43.51 ng  
RT: 9.001 min Scan# 964  
Delta R.T. -0.007 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 90920 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 66.8  | 45.6  | 68.4  |
| 101      | 9.1   | 8.4   | 12.6  |
| 130      | 19.0  | 17.8  | 26.8  |

Instrument :  
BNA\_G  
ClientSampleId :  
PB133839BS

Manual Integrations  
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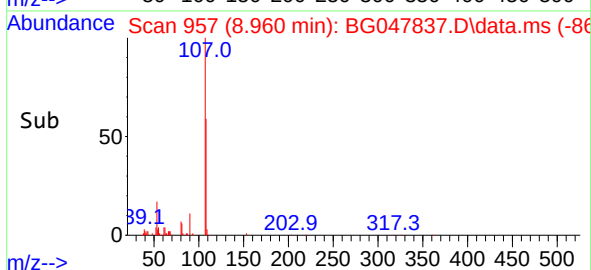
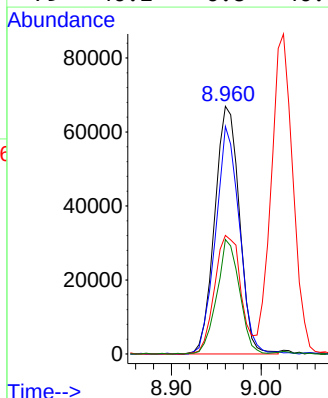
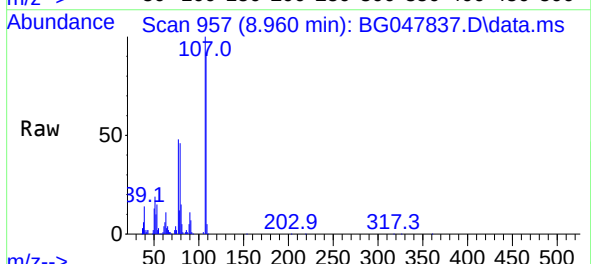
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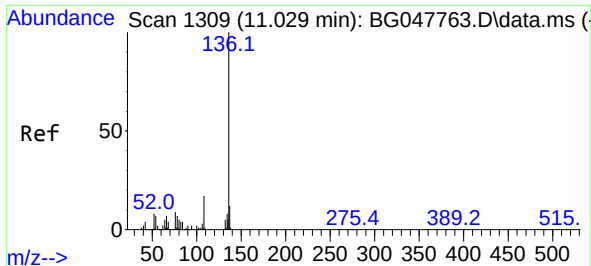


#20

3+4-Methylphenols  
Concen: 48.55 ng  
RT: 8.960 min Scan# 957  
Delta R.T. -0.007 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

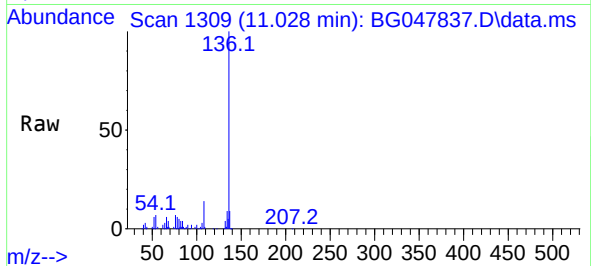
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 127782 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 91.8  | 70.6  | 110.6  |
| 77       | 47.9  | 10.2  | 50.2   |
| 79       | 46.2  | 6.8   | 46.8   |





#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.028 min Scan# 1309  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

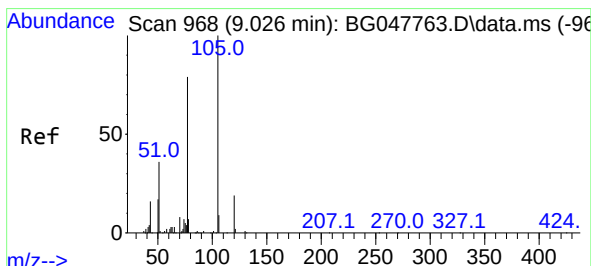
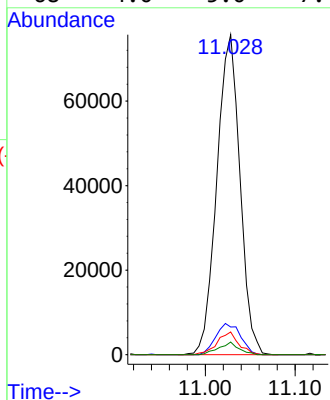
Instrument :  
BNA\_G  
ClientSampleId :  
PB133839BS



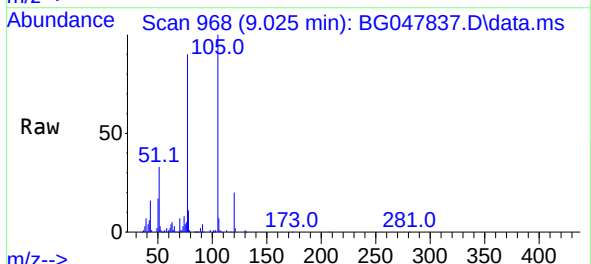
Tgt Ion:136 Resp: 135349  
Ion Ratio Lower Upper  
136 100  
137 8.7 9.1 13.7#  
54 7.1 6.2 9.4  
68 4.0 5.0 7.4#

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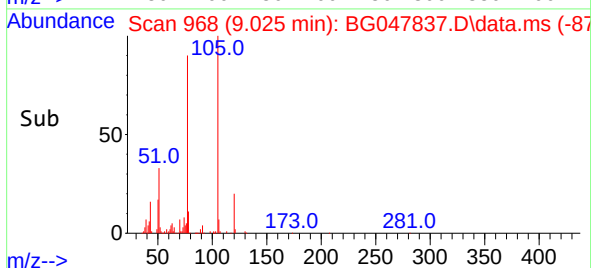
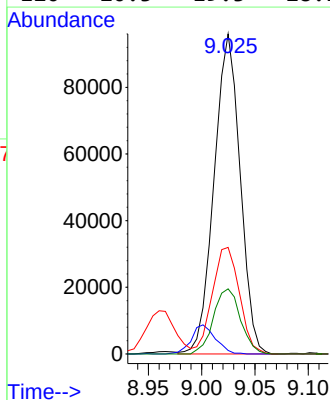
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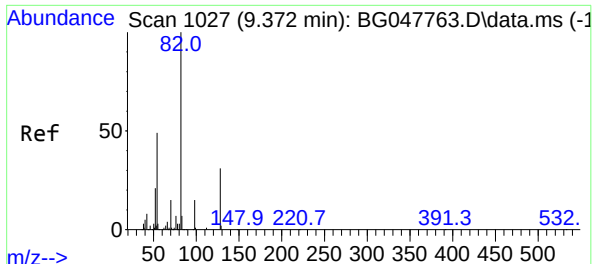


#22  
Acetophenone  
Concen: 42.05 ng  
RT: 9.025 min Scan# 968  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37



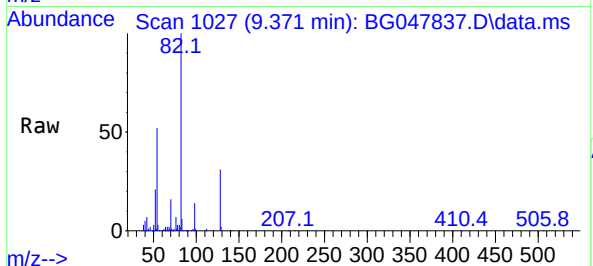
Tgt Ion:105 Resp: 162887  
Ion Ratio Lower Upper  
105 100  
71 1.1 2.7 4.1#  
51 33.3 21.0 31.6#  
120 20.3 19.3 28.9





#23  
Nitrobenzene-d5  
Concen: 76.25 ng  
RT: 9.371 min Scan# 1027  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

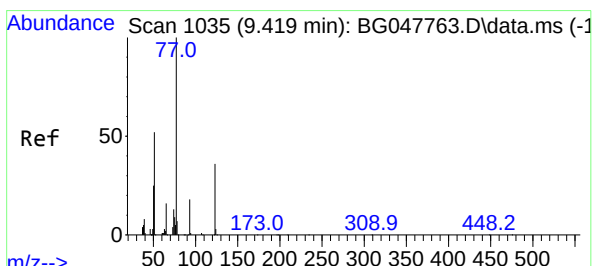
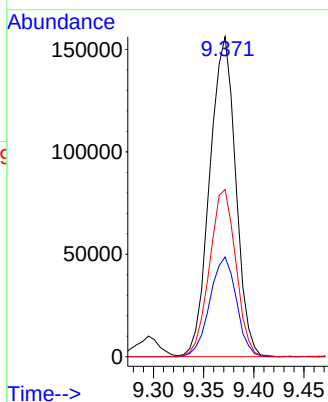
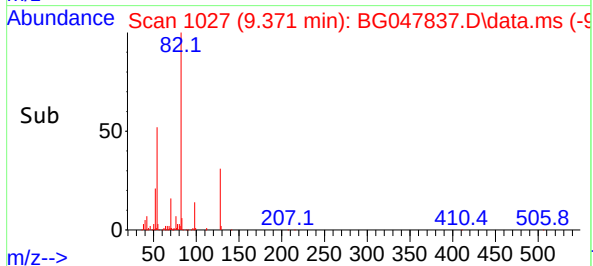
Instrument :  
BNA\_G  
ClientSampleId :  
PB133839BS



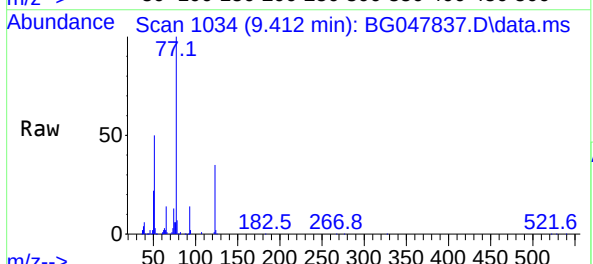
Tgt Ion: 82 Resp: 280578  
Ion Ratio Lower Upper  
82 100  
128 31.1 37.0 55.6#  
54 52.2 39.0 58.4

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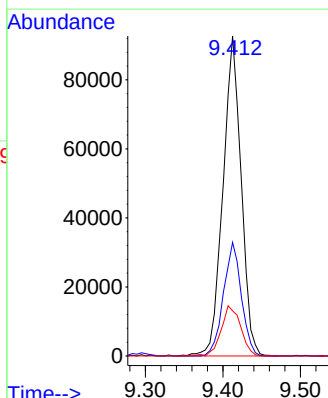
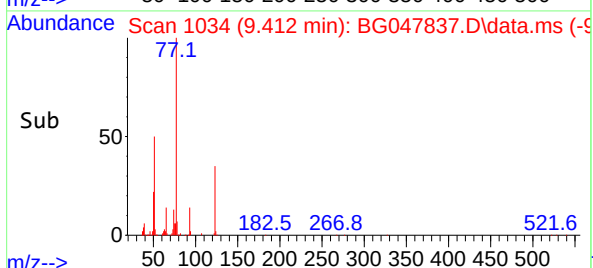
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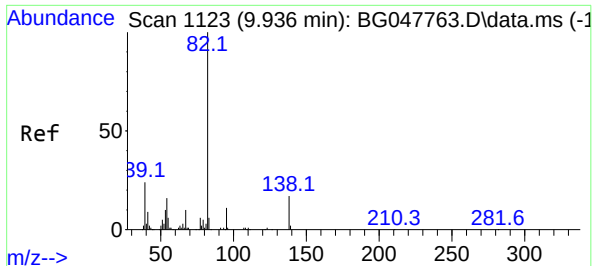


#24  
Nitrobenzene  
Concen: 43.60 ng  
RT: 9.412 min Scan# 1034  
Delta R.T. -0.007 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37



Tgt Ion: 77 Resp: 151439  
Ion Ratio Lower Upper  
77 100  
123 35.5 39.7 59.5#  
65 14.1 10.4 15.6





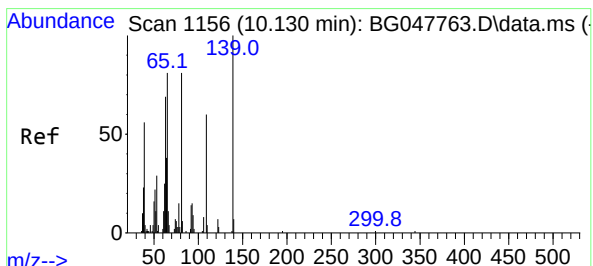
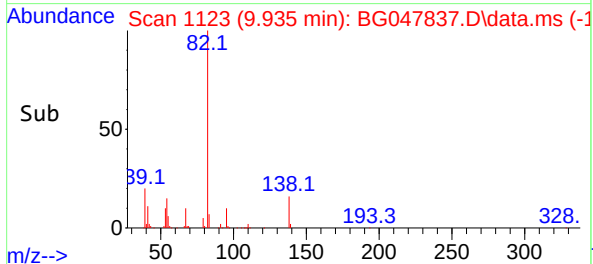
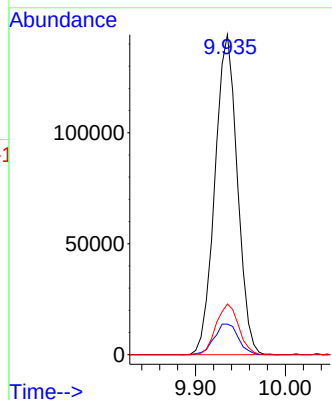
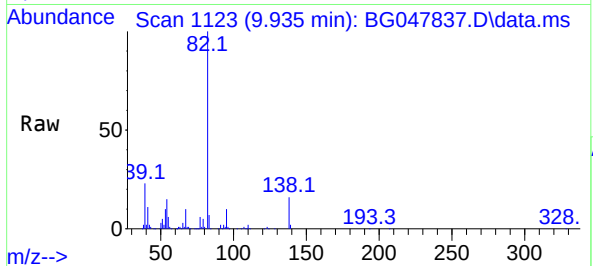
#25  
Isophorone  
Concen: 45.04 ng  
RT: 9.935 min Scan# 1123  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

Tgt Ion: 82 Resp: 249890  
Ion Ratio Lower Upper  
82 100  
95 9.5 5.6 8.4#  
138 15.9 15.8 23.6

Instrument :  
BNA\_G  
ClientSampleId :  
PB133839BS

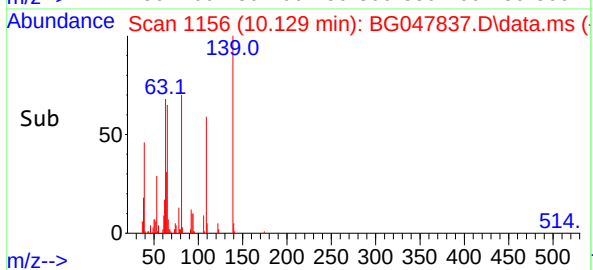
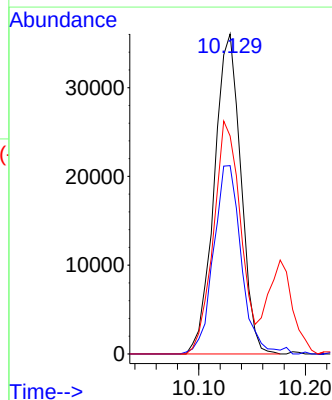
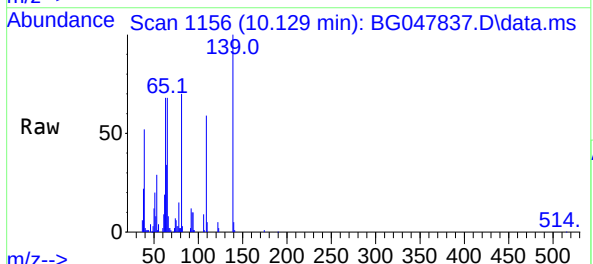
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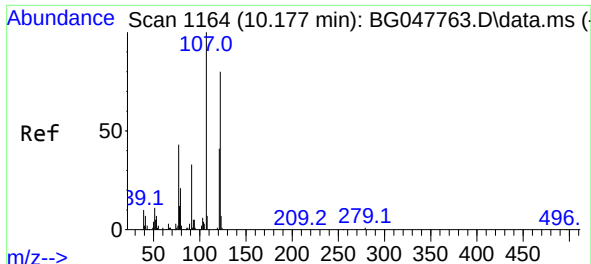


#26  
2-Nitrophenol  
Concen: 45.41 ng  
RT: 10.129 min Scan# 1156  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

Tgt Ion: 139 Resp: 62396  
Ion Ratio Lower Upper  
139 100  
109 58.9 20.7 31.1#  
65 68.1 36.1 54.1#

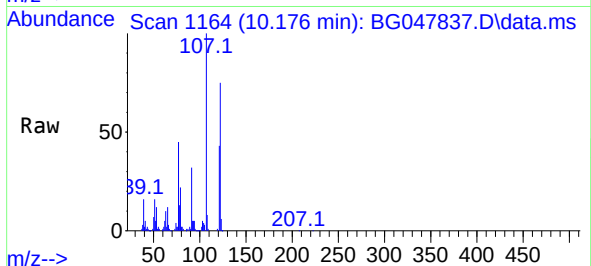






#27  
2,4-Dimethylphenol  
Concen: 56.02 ng  
RT: 10.176 min Scan# 1164  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

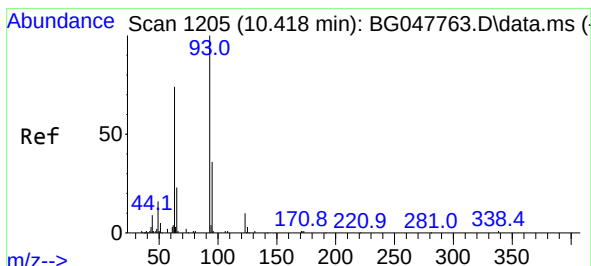
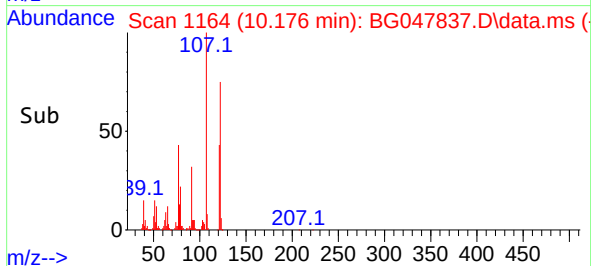
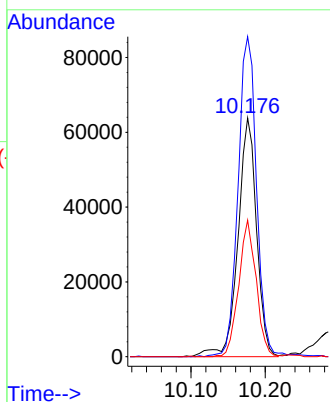
Instrument :  
BNA\_G  
ClientSampleId :  
PB133839BS



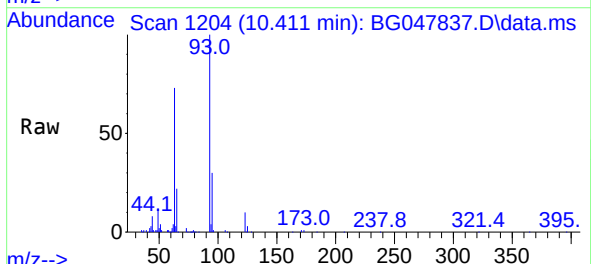
Tgt Ion:122 Resp: 110801  
Ion Ratio Lower Upper  
122 100  
107 134.0 89.2 133.8#  
121 57.2 46.9 70.3

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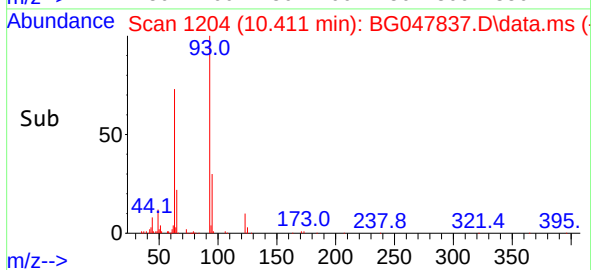
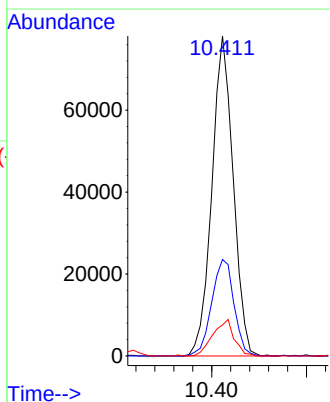
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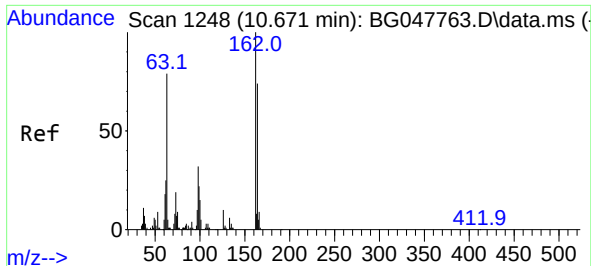


#28  
bis(2-Chloroethoxy)methane  
Concen: 42.44 ng  
RT: 10.411 min Scan# 1204  
Delta R.T. -0.007 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37



Tgt Ion: 93 Resp: 121713  
Ion Ratio Lower Upper  
93 100  
95 30.2 26.5 39.7  
123 9.7 9.4 14.0





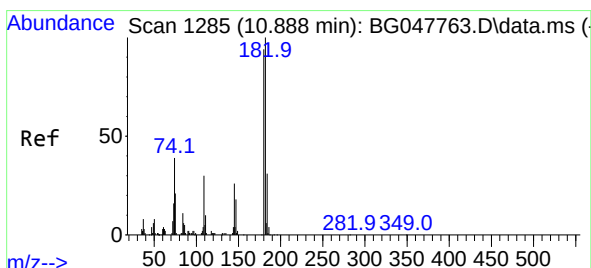
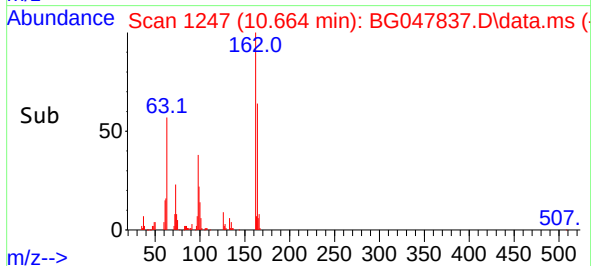
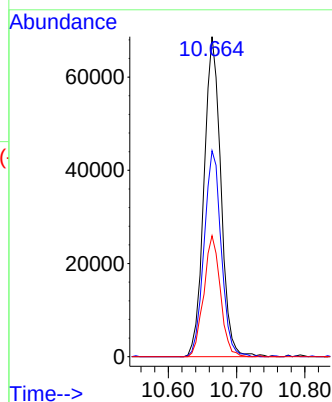
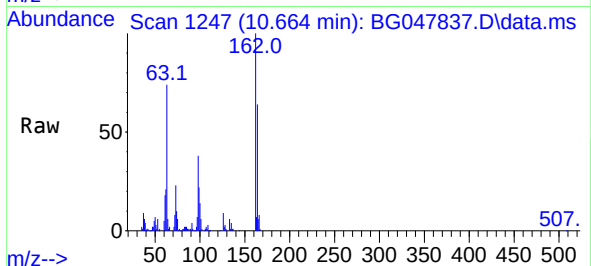
#29  
2,4-Dichlorophenol  
Concen: 45.77 ng  
RT: 10.664 min Scan# 1247  
Delta R.T. -0.007 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

Tgt Ion:162 Resp: 117889  
Ion Ratio Lower Upper  
162 100  
164 64.4 45.6 85.6  
98 37.8 11.0 51.0

Instrument :  
BNA\_G  
ClientSampleId :  
PB133839BS

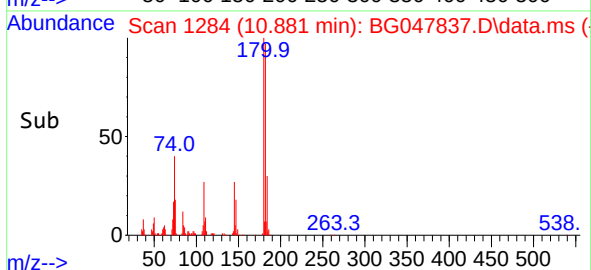
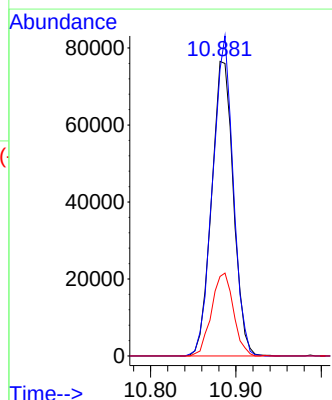
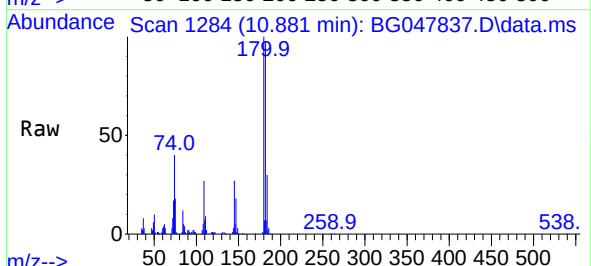
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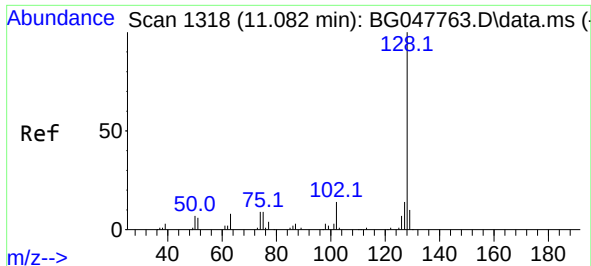
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#30  
1,2,4-Trichlorobenzene  
Concen: 41.16 ng  
RT: 10.881 min Scan# 1284  
Delta R.T. -0.007 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

Tgt Ion:180 Resp: 136004  
Ion Ratio Lower Upper  
180 100  
182 97.4 76.9 115.3  
145 27.0 21.4 32.0





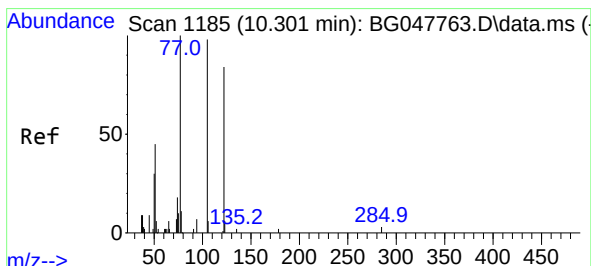
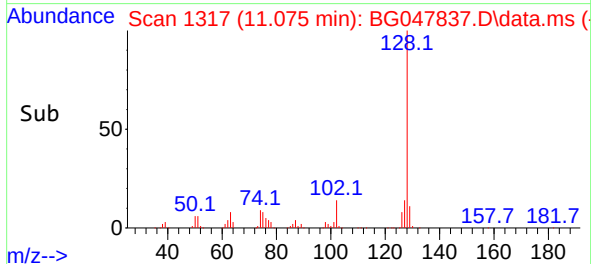
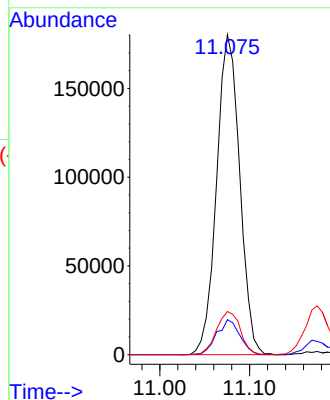
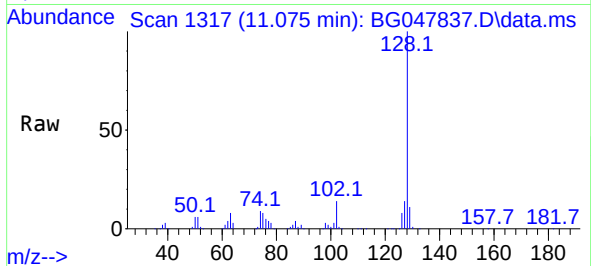
#31  
Naphthalene  
Concen: 43.30 ng  
RT: 11.075 min Scan# 1317  
Delta R.T. -0.007 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

Tgt Ion:128 Resp: 322097  
Ion Ratio Lower Upper  
128 100  
129 10.9 9.0 13.6  
127 13.5 11.0 16.4

Instrument :  
BNA\_G  
ClientSampleId :  
PB133839BS

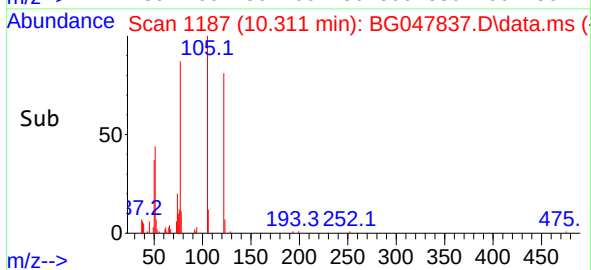
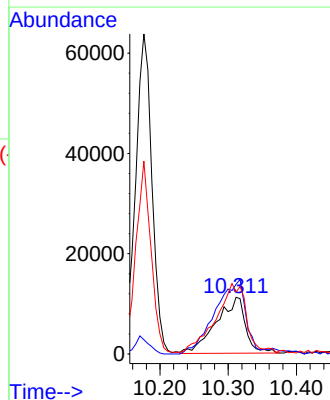
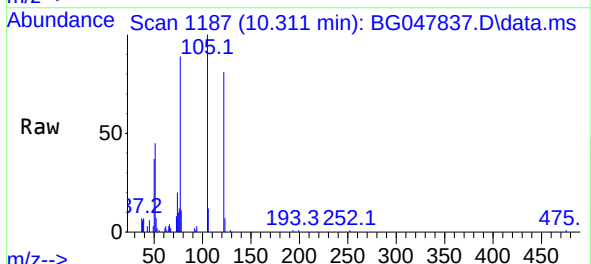
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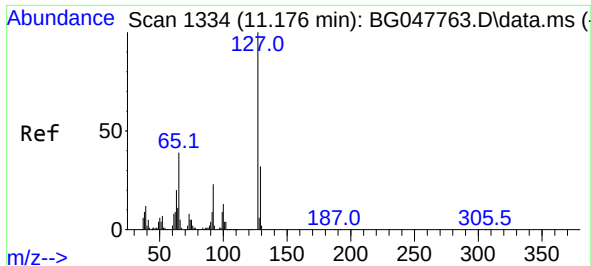
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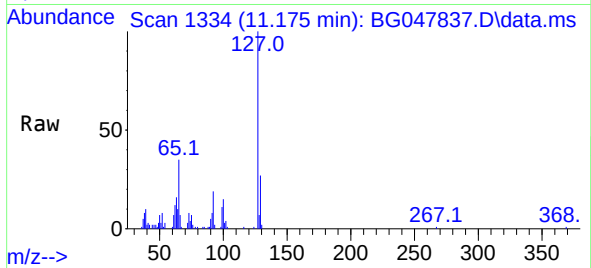
#32  
Benzoic acid  
Concen: 32.37 ng  
RT: 10.311 min Scan# 1187  
Delta R.T. 0.011 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

Tgt Ion:122 Resp: 33621  
Ion Ratio Lower Upper  
122 100  
105 123.0 103.7 143.7  
77 109.4 63.0 103.0#

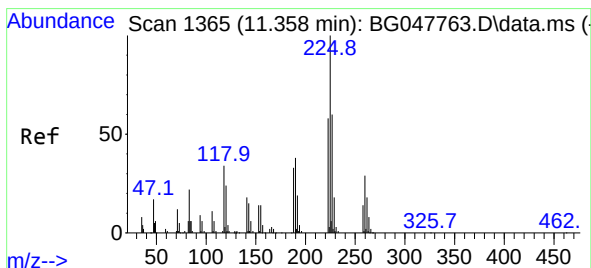
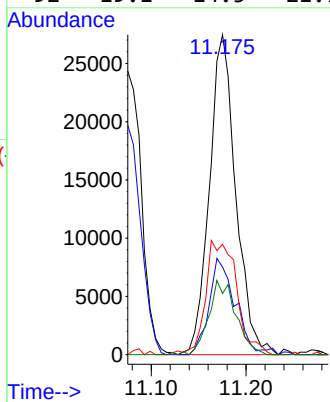
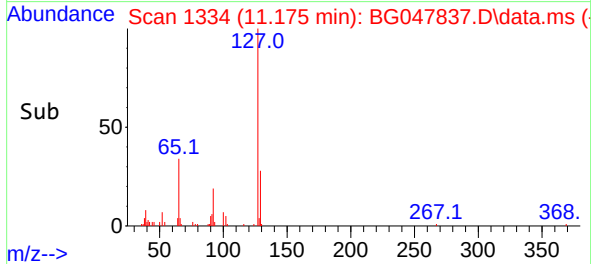




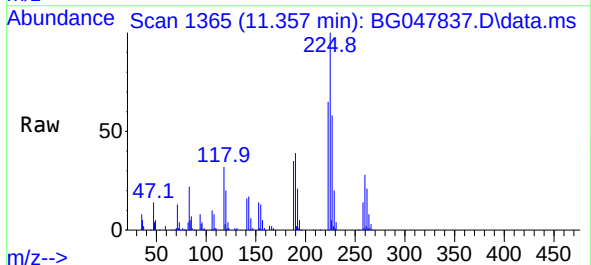
#33  
4-Chloroaniline  
Concen: 16.82 ng  
RT: 11.175 min Scan# 1334  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37



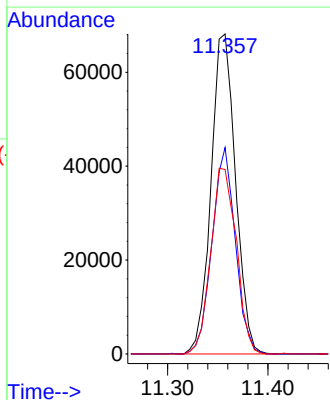
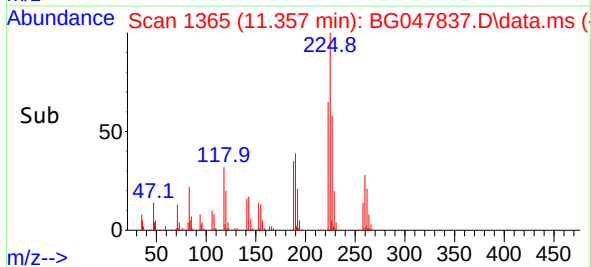
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|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 53146 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 27.4  | 26.8  | 40.2  |
| 65        | 34.5  | 23.8  | 35.6  |
| 92        | 19.1  | 14.5  | 21.7  |



#34  
Hexachlorobutadiene  
Concen: 39.67 ng  
RT: 11.357 min Scan# 1365  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37



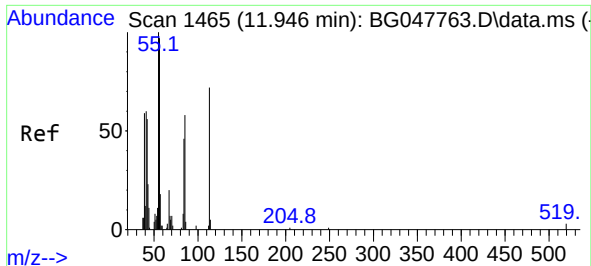
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|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 115609 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 64.5  | 49.5  | 74.3   |
| 227       | 57.6  | 52.0  | 78.0   |



Instrument :  
BNA\_G  
ClientSampleId :  
PB133839BS

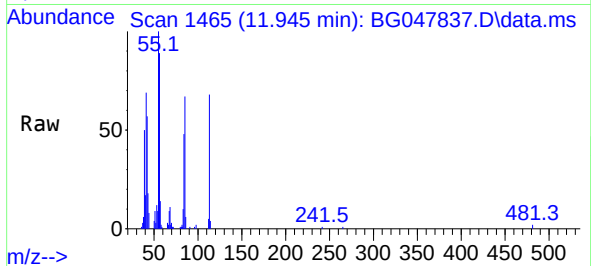
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#35  
Caprolactam  
Concen: 47.57 ng m  
RT: 11.945 min Scan# 1465  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

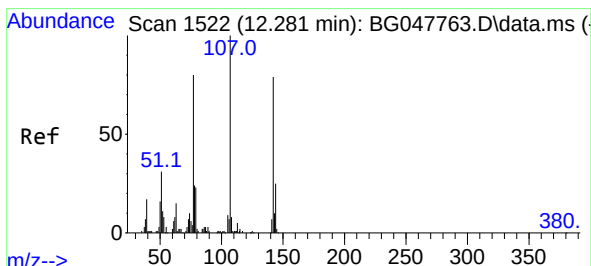
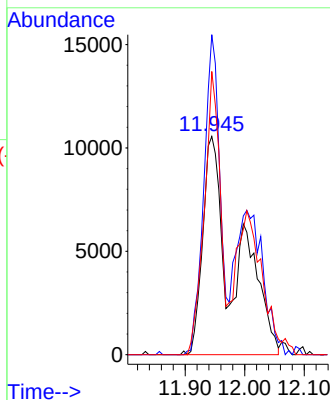
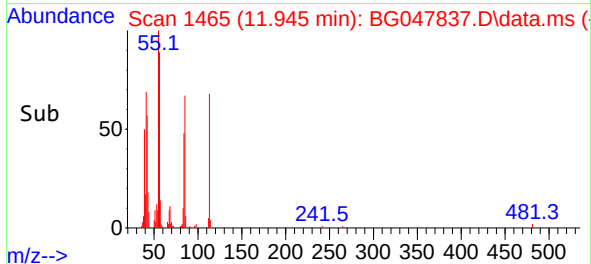
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ClientSampleId :  
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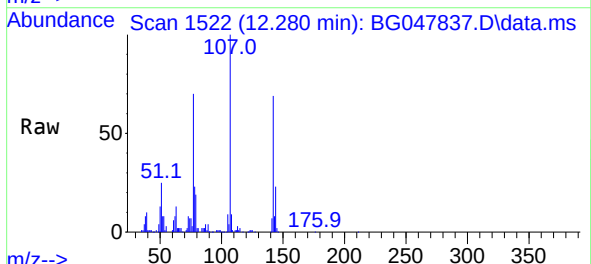
Tgt Ion:113 Resp: 38907  
Ion Ratio Lower Upper  
113 100  
55 146.6 149.2 189.2#  
56 129.7 107.2 147.2

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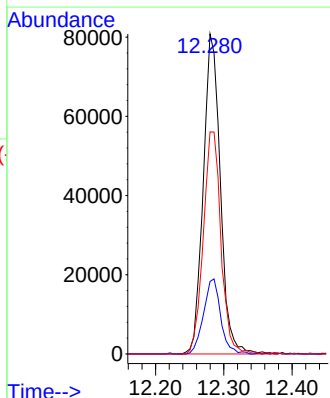
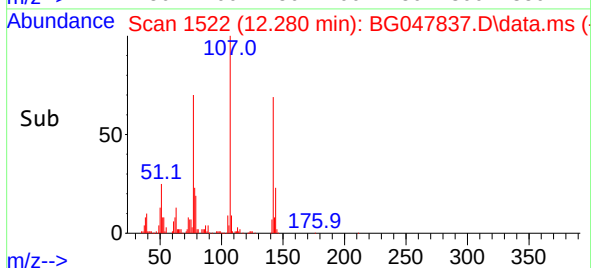
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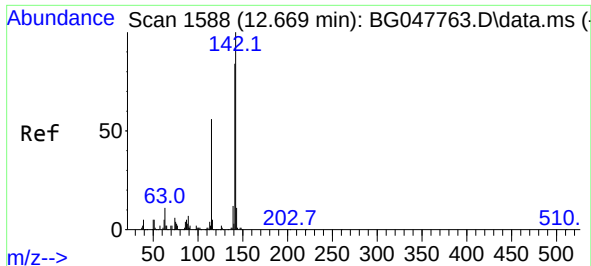


#36  
4-Chloro-3-methylphenol  
Concen: 50.01 ng  
RT: 12.280 min Scan# 1522  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37



Tgt Ion:107 Resp: 140774  
Ion Ratio Lower Upper  
107 100  
144 22.7 22.5 33.7  
142 69.4 70.8 106.2#





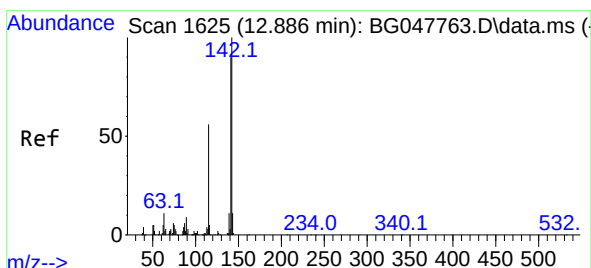
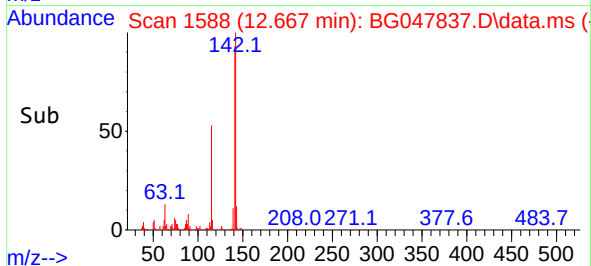
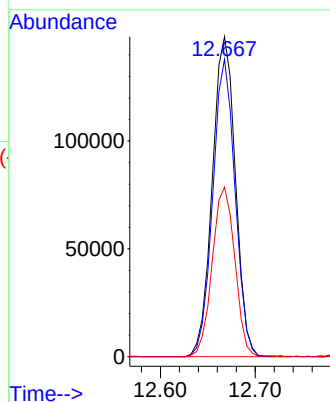
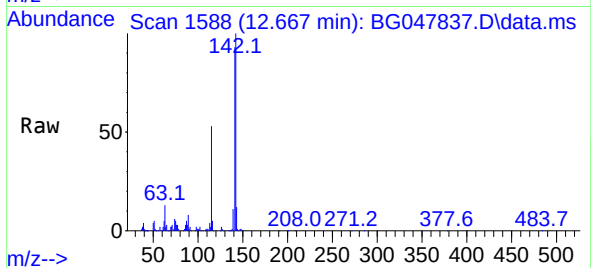
#37  
2-Methylnaphthalene  
Concen: 43.44 ng  
RT: 12.667 min Scan# 1588  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

Tgt Ion:142 Resp: 250703  
Ion Ratio Lower Upper  
142 100  
141 92.9 71.6 107.4  
115 53.0 25.4 38.2#

Instrument :  
BNA\_G  
ClientSampleId :  
PB133839BS

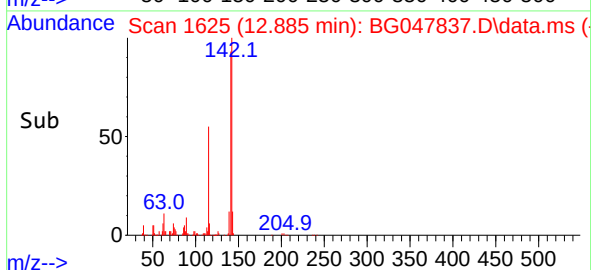
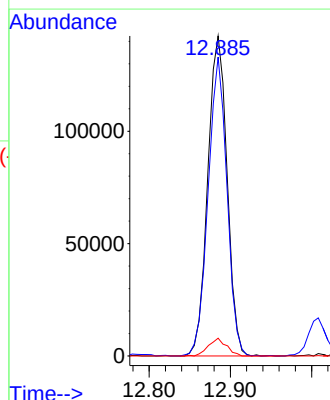
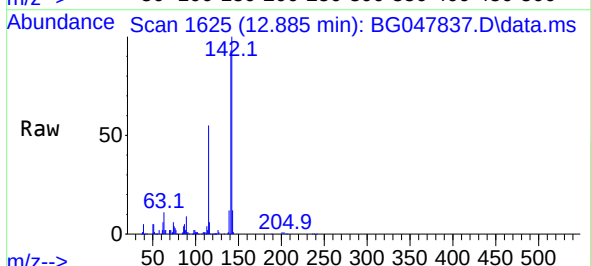
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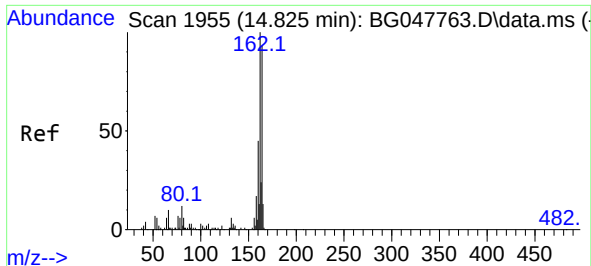
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#38  
1-Methylnaphthalene  
Concen: 43.10 ng  
RT: 12.885 min Scan# 1625  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

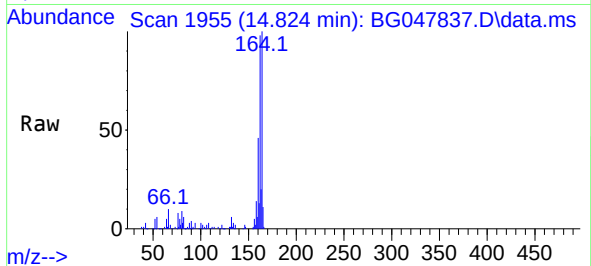
Tgt Ion:142 Resp: 235061  
Ion Ratio Lower Upper  
142 100  
141 93.4 75.4 113.2  
116 5.5 2.9 4.3#





#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.824 min Scan# 1955  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

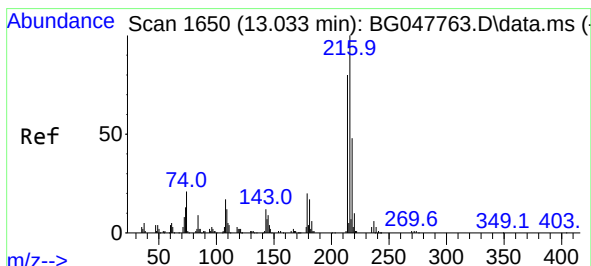
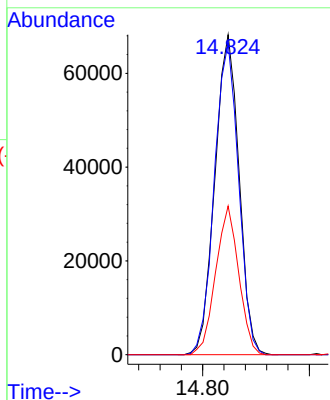
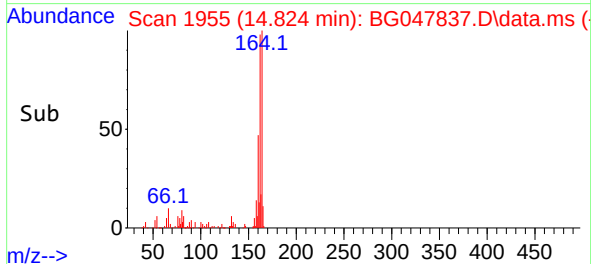
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ClientSampleId :  
PB133839BS



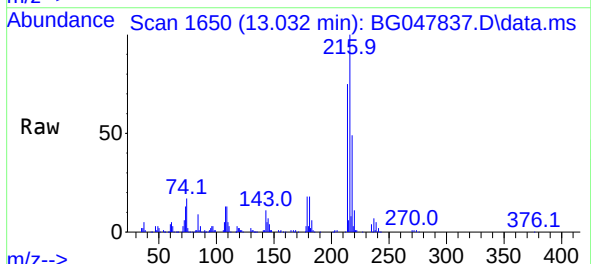
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|-----------|-------|-------|--------|
| Tgt Ion:  | 164   | Resp: | 106853 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 97.5  | 82.3  | 123.5  |
| 160       | 46.5  | 35.3  | 52.9   |

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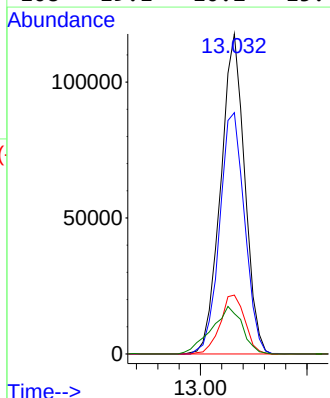
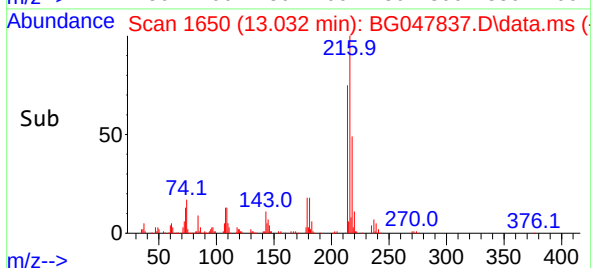
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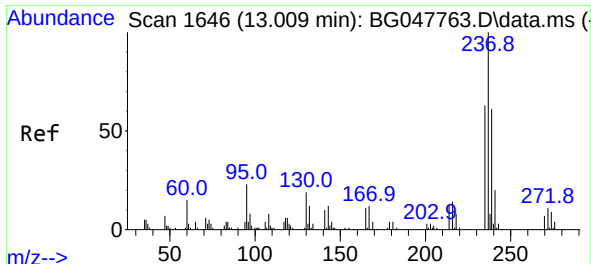


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 41.90 ng  
RT: 13.032 min Scan# 1650  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 183737 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 78.5  | 61.9  | 92.9   |
| 179       | 18.9  | 14.8  | 22.2   |
| 108       | 19.1  | 10.2  | 15.4   |





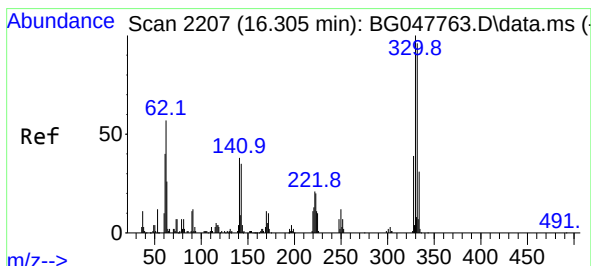
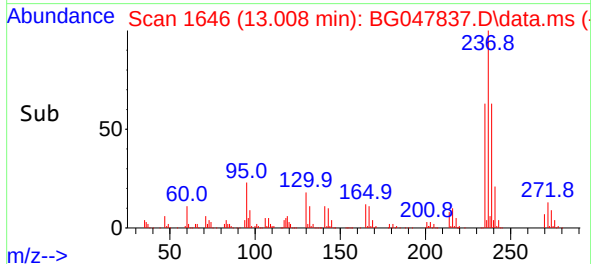
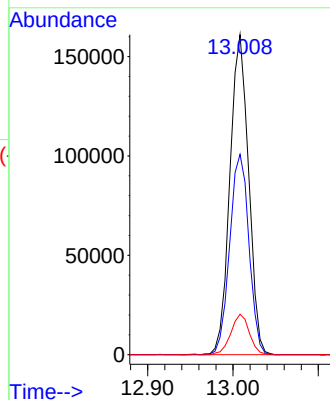
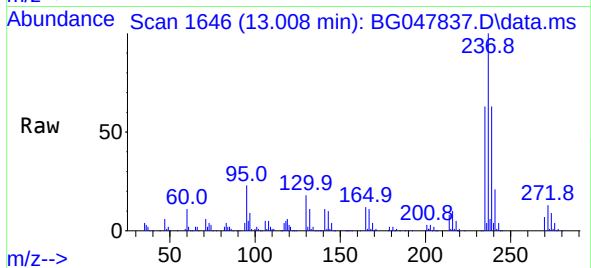
#41  
Hexachlorocyclopentadiene  
Concen: 103.35 ng  
RT: 13.008 min Scan# 1646  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

Tgt Ion:237 Resp: 245425  
Ion Ratio Lower Upper  
237 100  
235 62.6 43.1 83.1  
272 12.7 0.0 33.1

Instrument :  
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ClientSampleId :  
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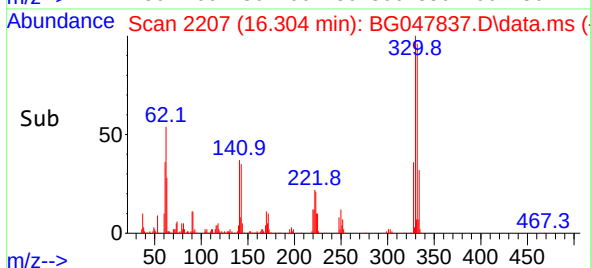
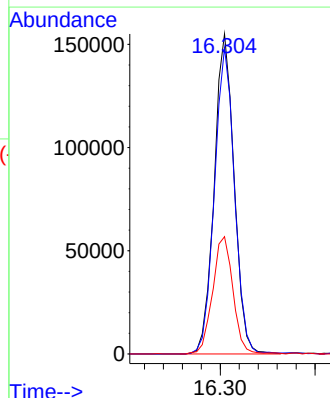
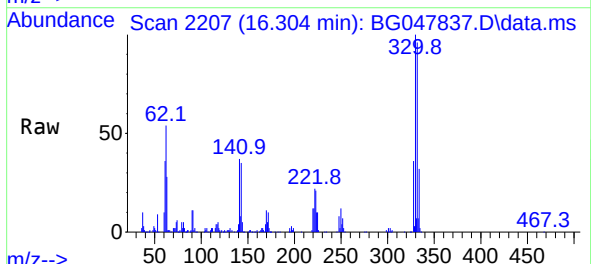
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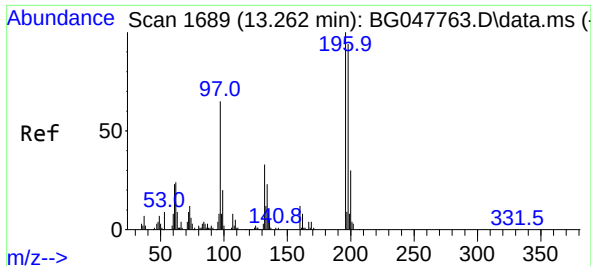


#42  
2,4,6-Tribromophenol  
Concen: 124.07 ng  
RT: 16.304 min Scan# 2207  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

Tgt Ion:330 Resp: 226321  
Ion Ratio Lower Upper  
330 100  
332 96.3 76.5 114.7  
141 37.6 26.0 39.0







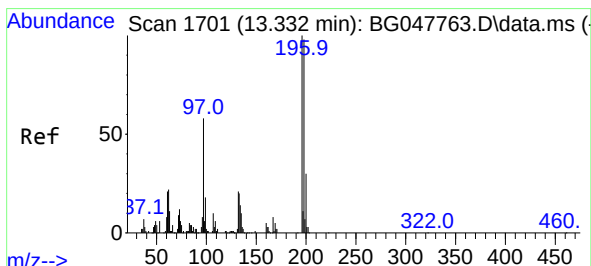
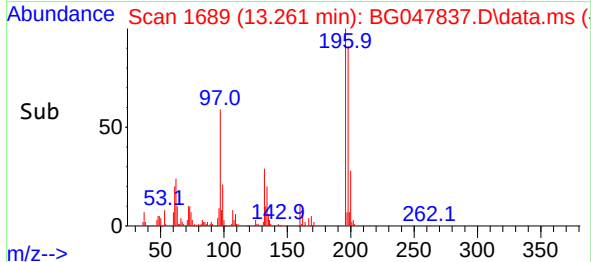
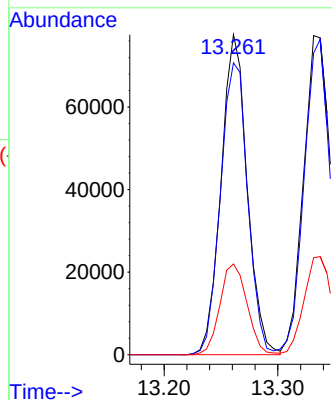
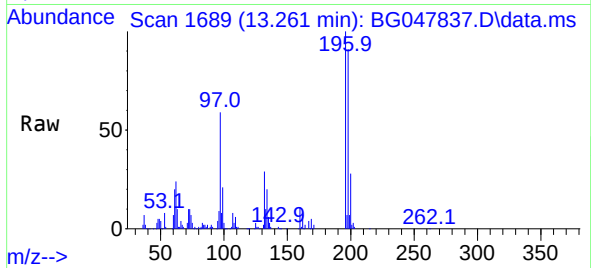
#43  
2,4,6-Trichlorophenol  
Concen: 44.28 ng  
RT: 13.261 min Scan# 1689  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

Tgt Ion:196 Resp: 124074  
Ion Ratio Lower Upper  
196 100  
198 91.2 74.9 112.3  
200 28.3 25.3 37.9

Instrument :  
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ClientSampleId :  
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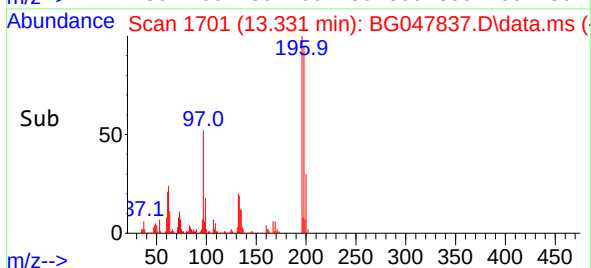
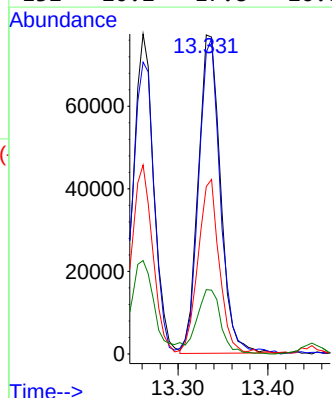
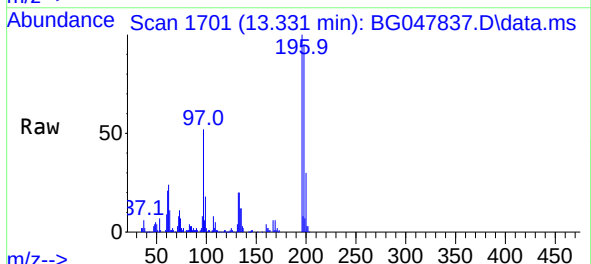
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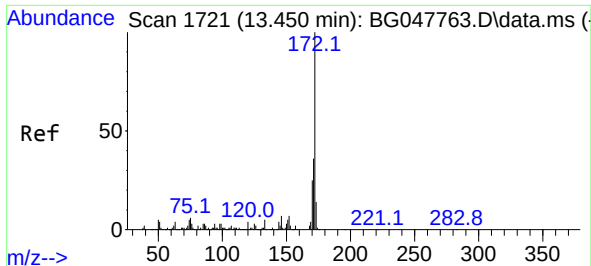
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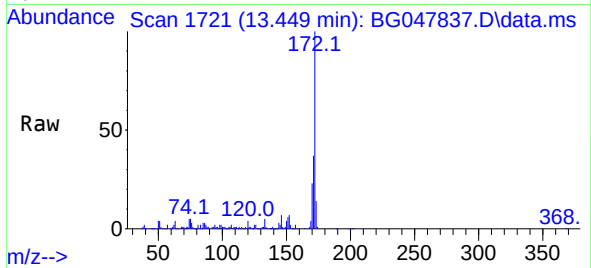
#44  
2,4,5-Trichlorophenol  
Concen: 47.71 ng  
RT: 13.331 min Scan# 1701  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

Tgt Ion:196 Resp: 132275  
Ion Ratio Lower Upper  
196 100  
198 94.5 77.6 116.4  
97 52.5 28.6 43.0#  
132 20.2 17.8 26.8

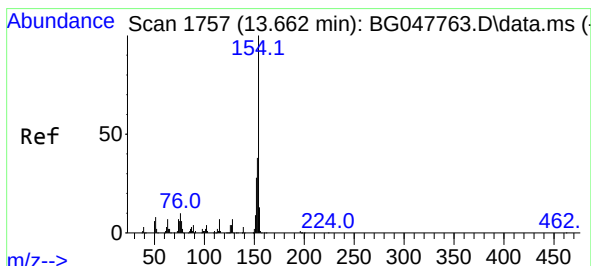
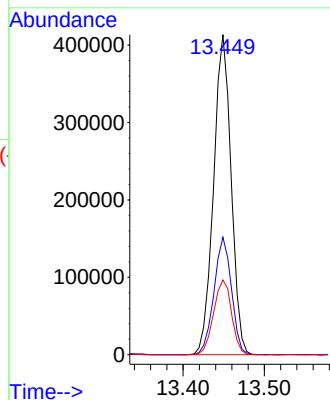
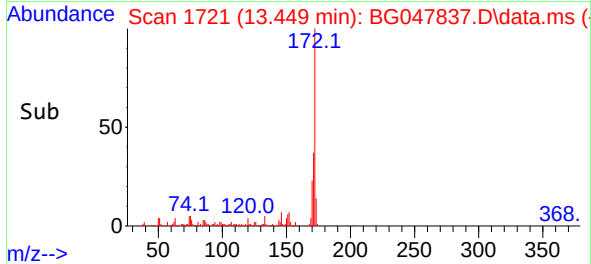




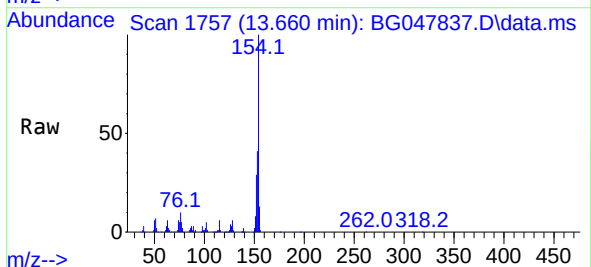
#45  
2-Fluorobiphenyl  
Concen: 75.04 ng  
RT: 13.449 min Scan# 1721  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37



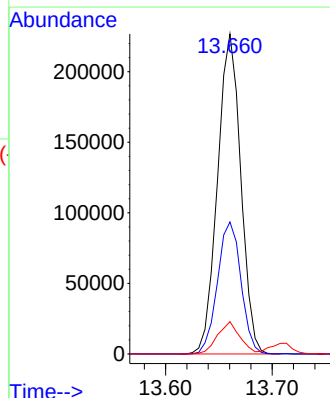
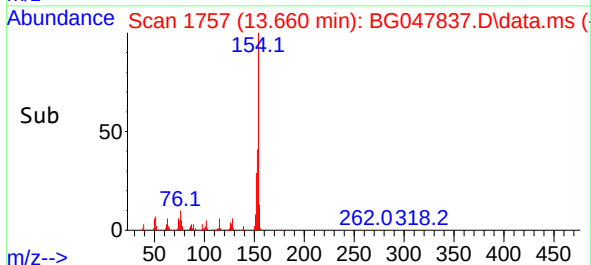
Tgt Ion:172 Resp: 619651  
Ion Ratio Lower Upper  
172 100  
171 36.7 31.3 46.9  
170 23.3 20.8 31.2



#46  
1,1'-Biphenyl  
Concen: 42.07 ng  
RT: 13.660 min Scan# 1757  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37



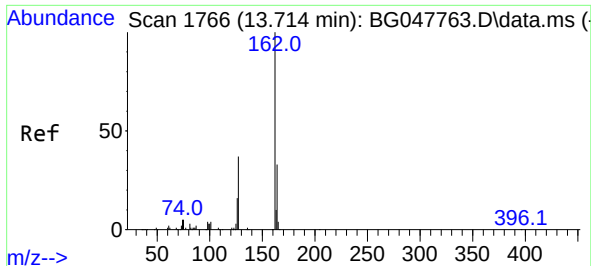
Tgt Ion:154 Resp: 343049  
Ion Ratio Lower Upper  
154 100  
153 41.3 22.6 62.6  
76 10.1 0.0 32.6



Instrument :  
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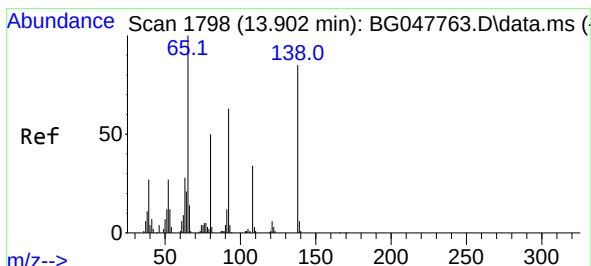
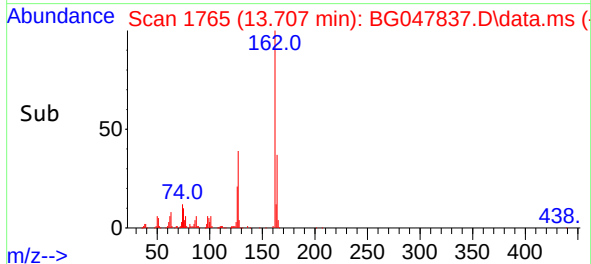
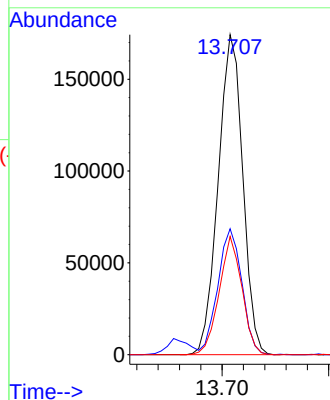
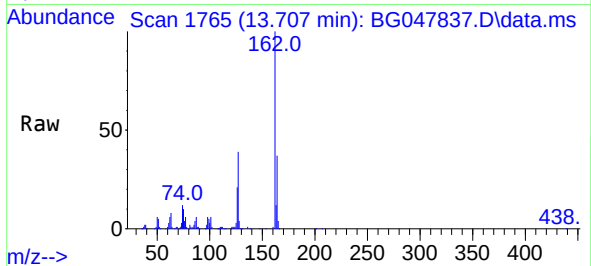
#47  
2-Chloronaphthalene  
Concen: 42.00 ng  
RT: 13.707 min Scan# 1765  
Delta R.T. -0.007 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

Tgt Ion:162 Resp: 278467  
Ion Ratio Lower Upper  
162 100  
127 39.4 27.8 41.6  
164 37.0 27.0 40.4

Instrument :  
BNA\_G  
ClientSampleId :  
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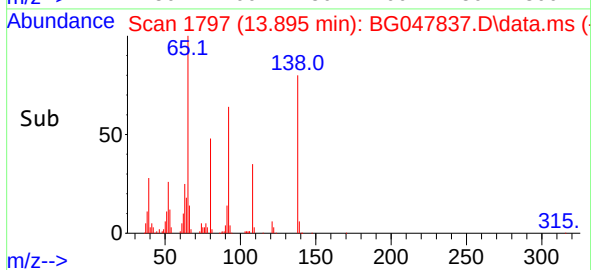
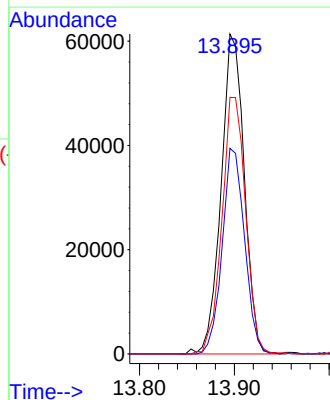
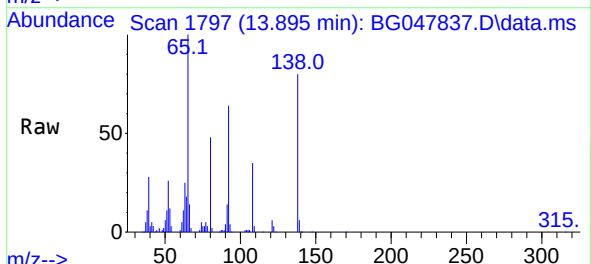
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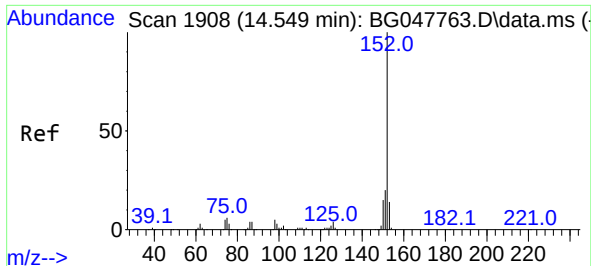
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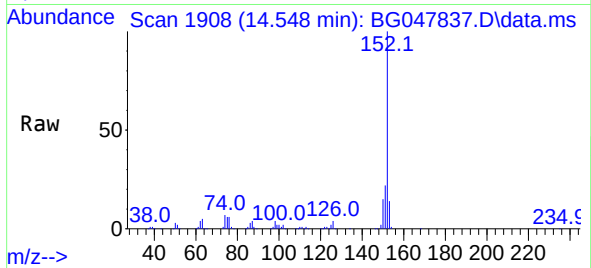
#48  
2-Nitroaniline  
Concen: 42.46 ng  
RT: 13.895 min Scan# 1797  
Delta R.T. -0.007 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

Tgt Ion: 65 Resp: 104039  
Ion Ratio Lower Upper  
65 100  
92 64.3 58.6 88.0  
138 80.2 98.2 147.4#

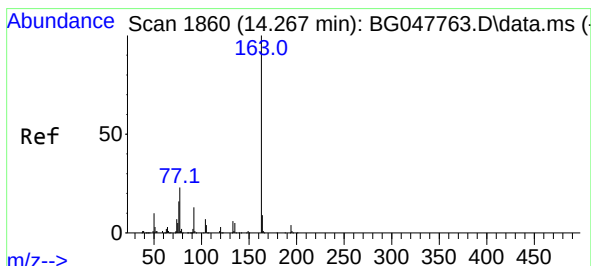
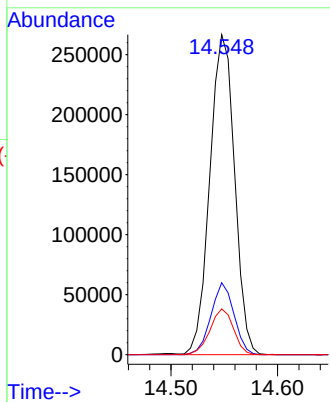
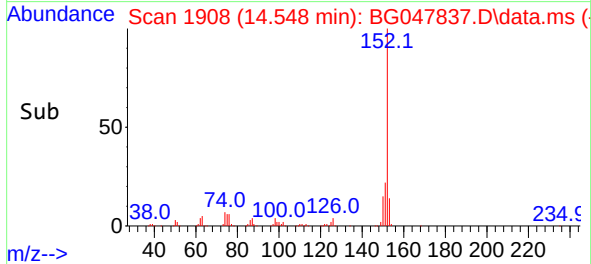




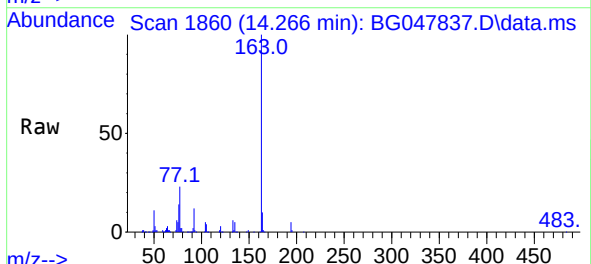
#49  
Acenaphthylene  
Concen: 43.64 ng  
RT: 14.548 min Scan# 1908  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37



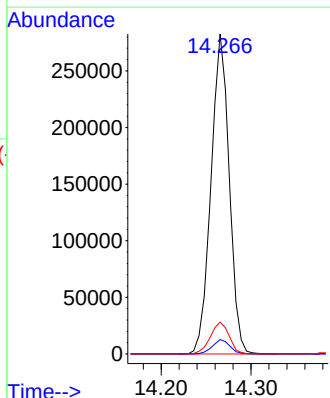
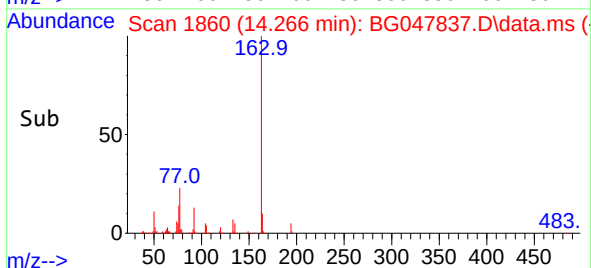
Tgt Ion:152 Resp: 429446  
Ion Ratio Lower Upper  
152 100  
151 22.5 17.4 26.0  
153 14.3 11.5 17.3



#50  
Dimethylphthalate  
Concen: 43.16 ng  
RT: 14.266 min Scan# 1860  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37



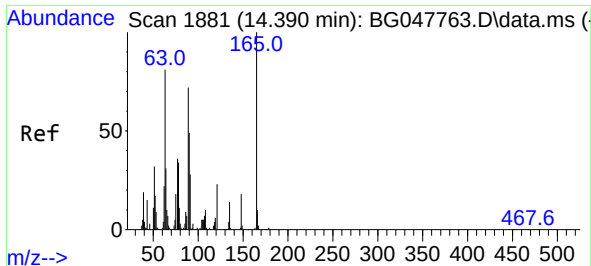
Tgt Ion:163 Resp: 397510  
Ion Ratio Lower Upper  
163 100  
194 4.5 3.8 5.8  
164 10.0 8.8 13.2



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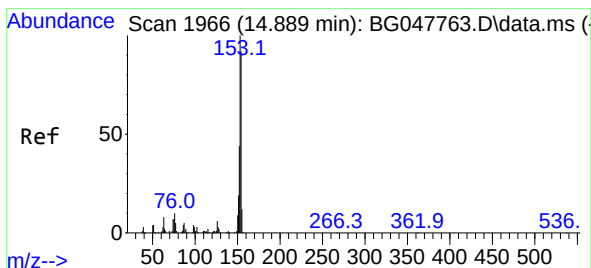
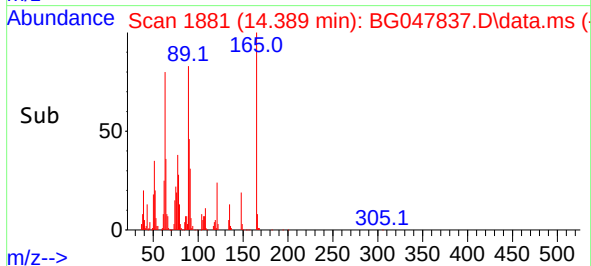
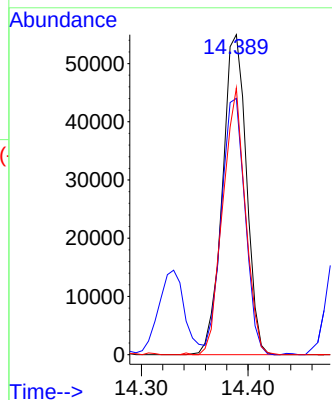
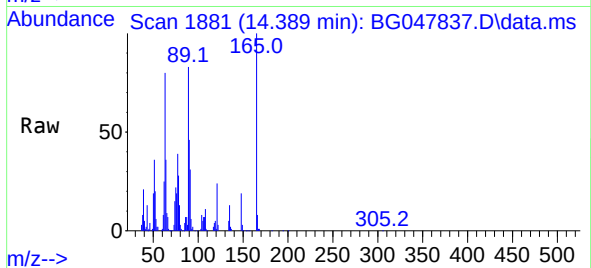
#51  
2,6-Dinitrotoluene  
Concen: 45.68 ng  
RT: 14.389 min Scan# 1881  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

Tgt Ion:165 Resp: 85521  
Ion Ratio Lower Upper  
165 100  
63 80.1 33.7 50.5#  
89 83.4 36.6 54.8#

Instrument :  
BNA\_G  
ClientSampleId :  
PB133839BS

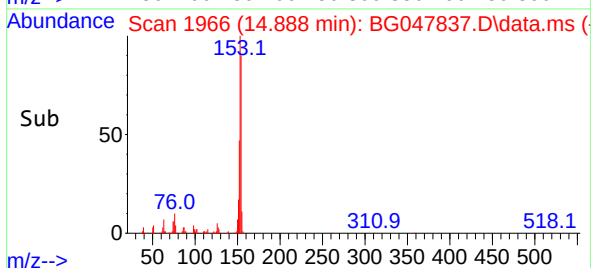
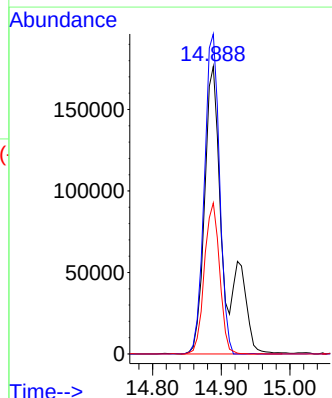
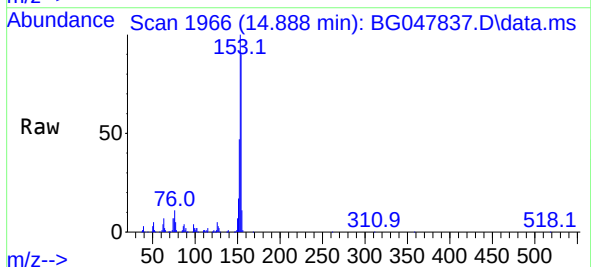
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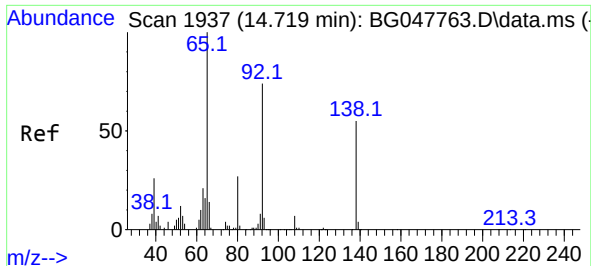
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#52  
Acenaphthene  
Concen: 50.76 ng m  
RT: 14.888 min Scan# 1966  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

Tgt Ion:154 Resp: 352322  
Ion Ratio Lower Upper  
154 100  
153 111.3 90.3 135.5  
152 52.5 43.8 65.8





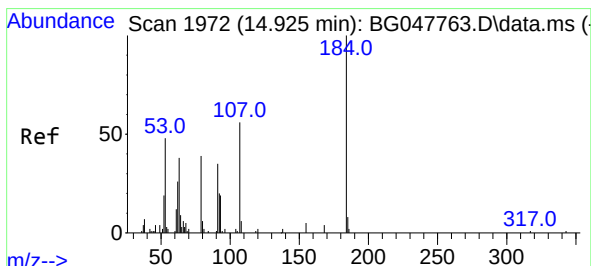
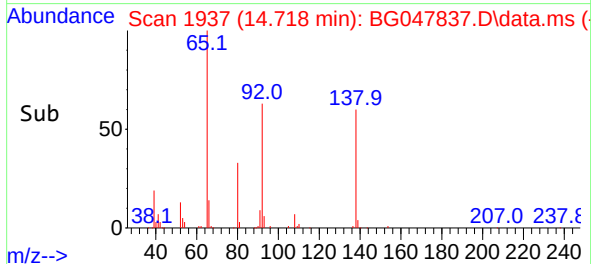
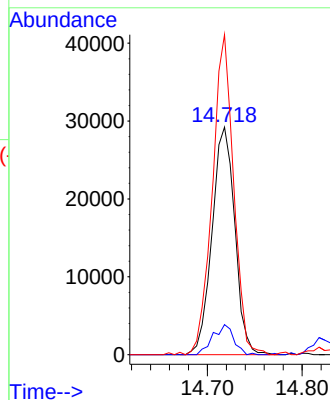
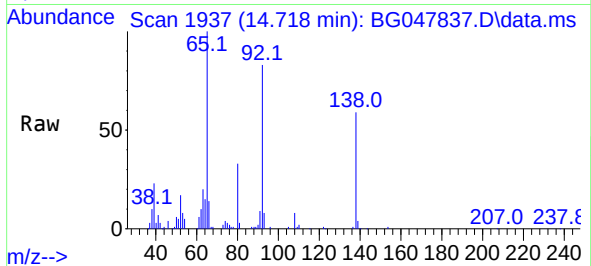
#53  
3-Nitroaniline  
Concen: 26.26 ng  
RT: 14.718 min Scan# 1937  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

Tgt Ion:138 Resp: 48715  
Ion Ratio Lower Upper  
138 100  
108 13.2 7.4 11.0#  
92 140.6 85.2 127.8#

Instrument :  
BNA\_G  
ClientSampleId :  
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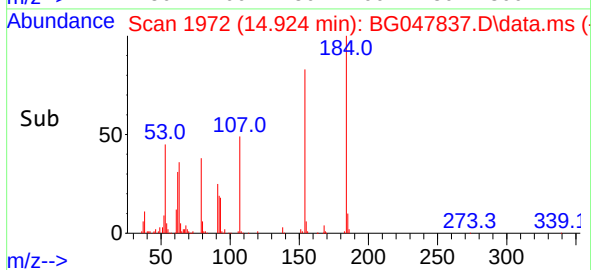
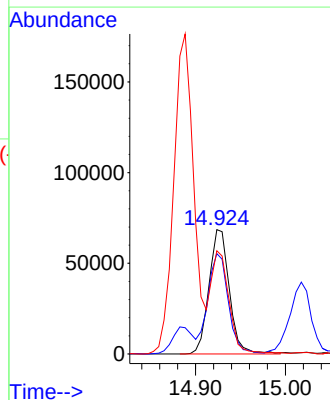
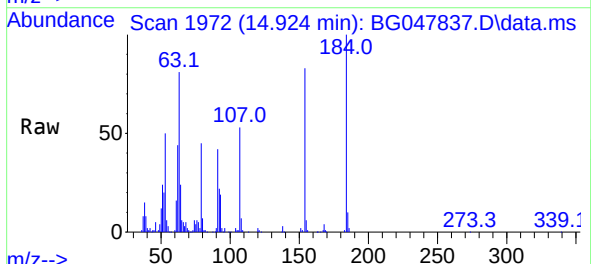
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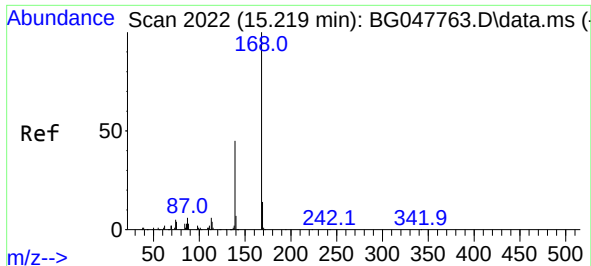
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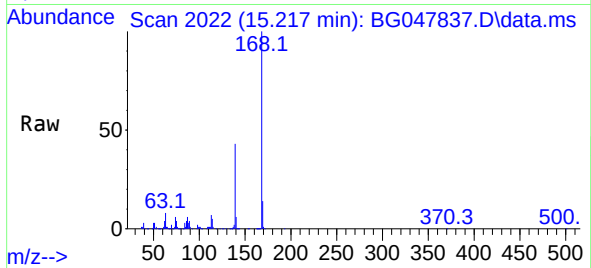
#54  
2,4-Dinitrophenol  
Concen: 90.09 ng  
RT: 14.924 min Scan# 1972  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

Tgt Ion:184 Resp: 108068  
Ion Ratio Lower Upper  
184 100  
63 80.7 32.3 48.5#  
154 83.0 40.4 60.6#

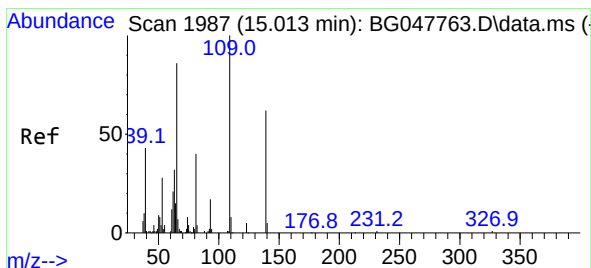
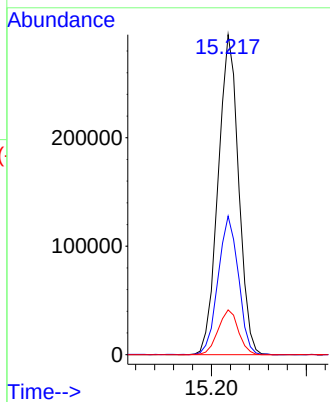
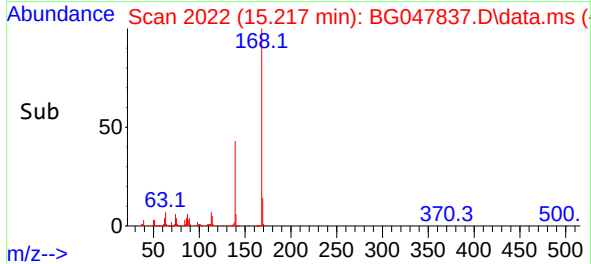




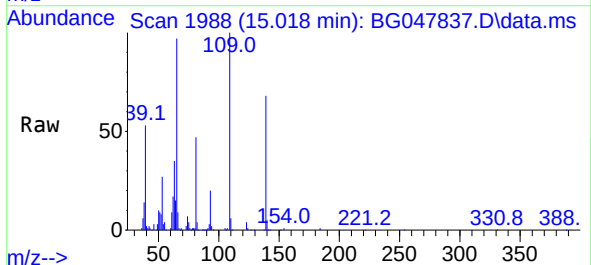
#55  
Dibenzofuran  
Concen: 43.97 ng  
RT: 15.217 min Scan# 2022  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37



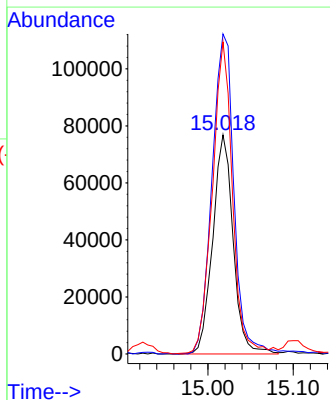
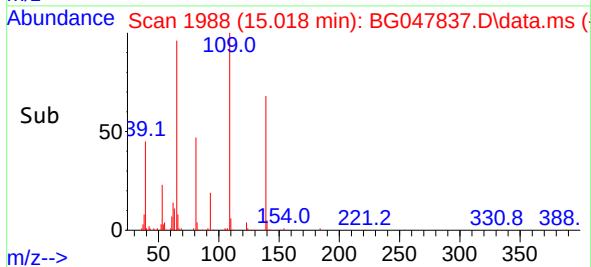
Tgt Ion:168 Resp: 442439  
Ion Ratio Lower Upper  
168 100  
139 43.3 28.6 43.0#  
169 14.0 11.0 16.6



#56  
4-Nitrophenol  
Concen: 95.49 ng  
RT: 15.018 min Scan# 1988  
Delta R.T. 0.005 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37



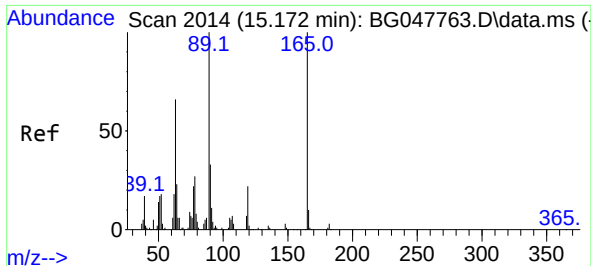
Tgt Ion:139 Resp: 127725  
Ion Ratio Lower Upper  
139 100  
109 146.1 45.9 85.9#  
65 142.4 65.4 105.4#



Instrument :  
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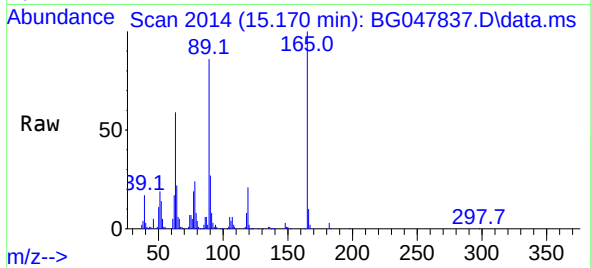
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#57  
2,4-Dinitrotoluene  
Concen: 44.34 ng  
RT: 15.170 min Scan# 2014  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

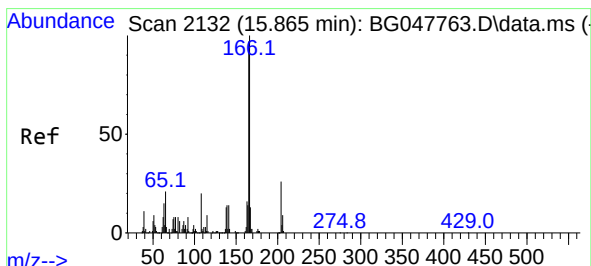
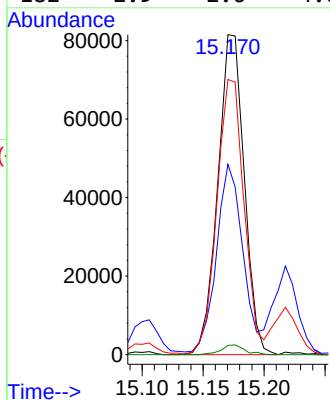
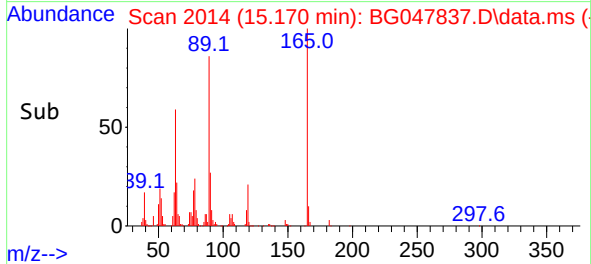
Instrument :  
BNA\_G  
ClientSampleId :  
PB133839BS



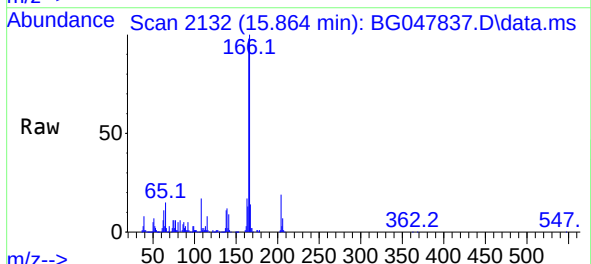
Tgt Ion:165 Resp: 123428  
Ion Ratio Lower Upper  
165 100  
63 59.5 26.4 39.6#  
89 86.0 47.8 71.8#  
182 2.9 2.6 4.0

Manual Integrations  
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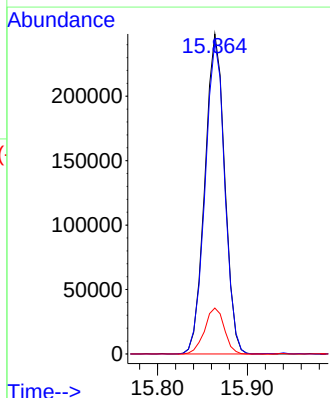
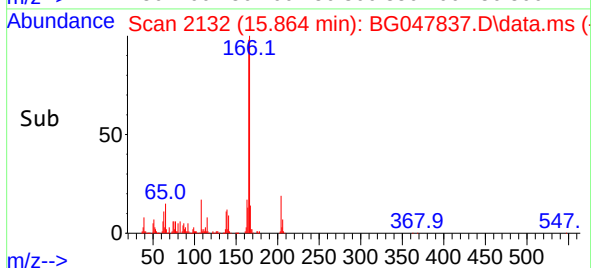
mohammad  
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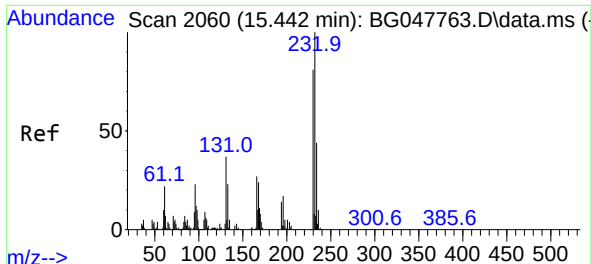
#58  
Fluorene  
Concen: 44.40 ng  
RT: 15.864 min Scan# 2132  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37



Tgt Ion:166 Resp: 379498  
Ion Ratio Lower Upper  
166 100  
165 97.8 77.2 115.8  
167 14.3 11.4 17.2







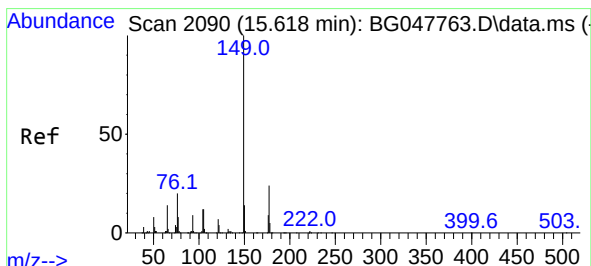
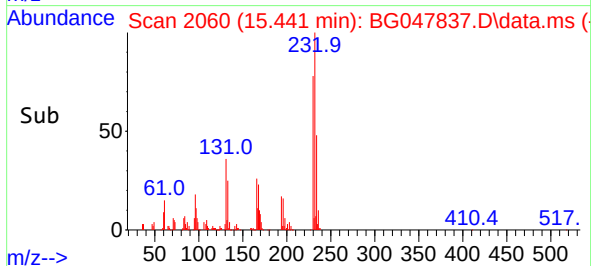
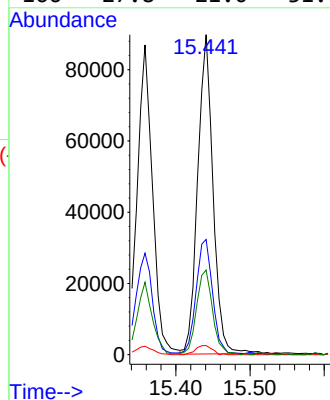
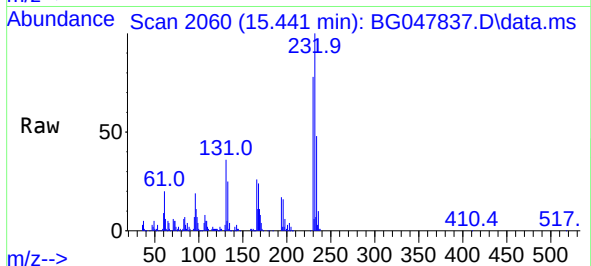
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 45.59 ng  
RT: 15.441 min Scan# 2060  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 129098 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 38.1  | 26.6  | 40.0   |
| 130       | 3.1   | 1.4   | 2.0    |
| 166       | 27.8  | 21.0  | 31.6   |

Instrument :  
BNA\_G  
ClientSampleId :  
PB133839BS

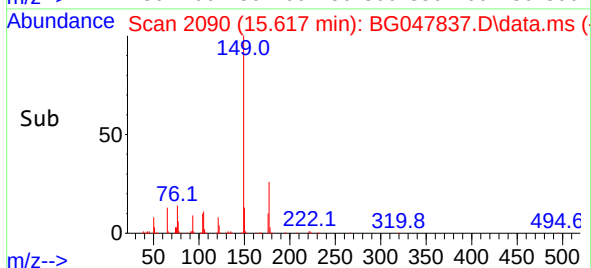
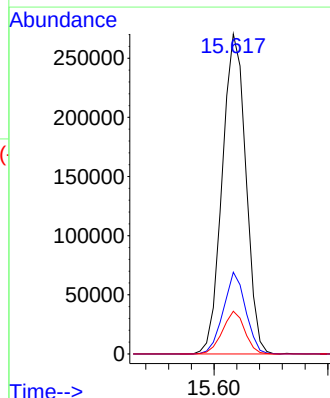
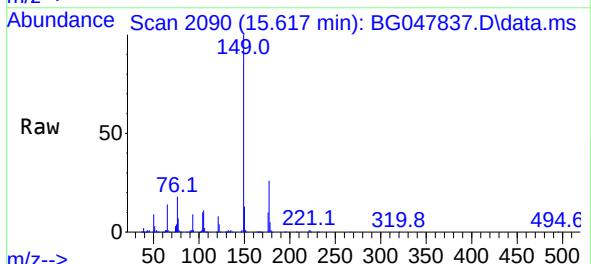
Manual Integrations  
APPROVED

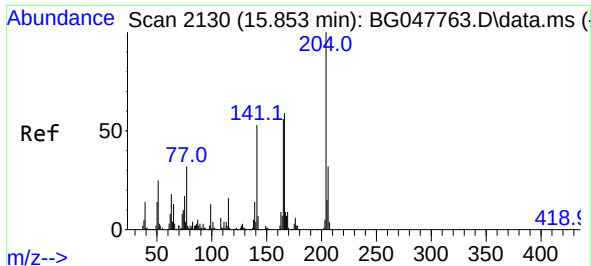
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#60  
Diethylphthalate  
Concen: 43.95 ng  
RT: 15.617 min Scan# 2090  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

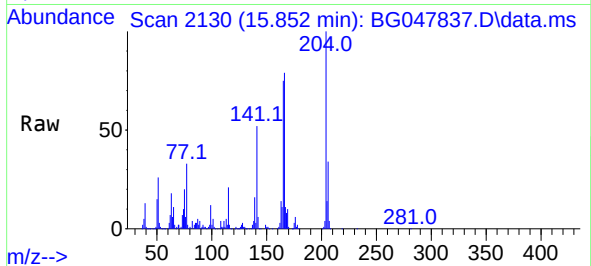
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 390269 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 25.6  | 21.4  | 32.2   |
| 150       | 13.4  | 10.7  | 16.1   |





#61  
4-Chlorophenyl-phenylether  
Concen: 43.39 ng  
RT: 15.852 min Scan# 2130  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

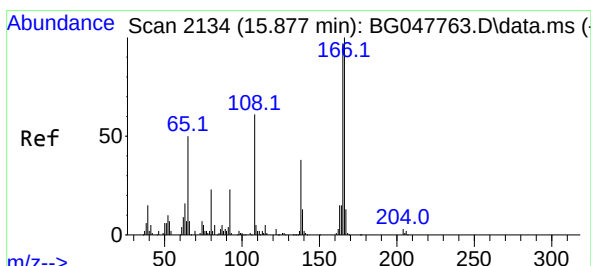
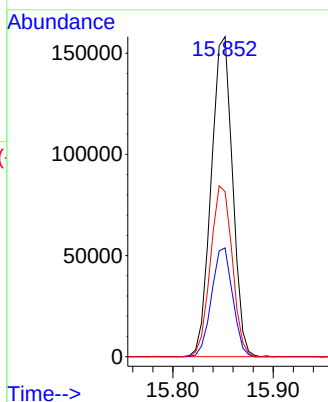
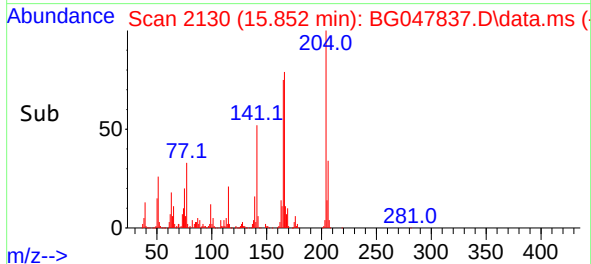
Instrument :  
BNA\_G  
ClientSampled :  
PB133839BS



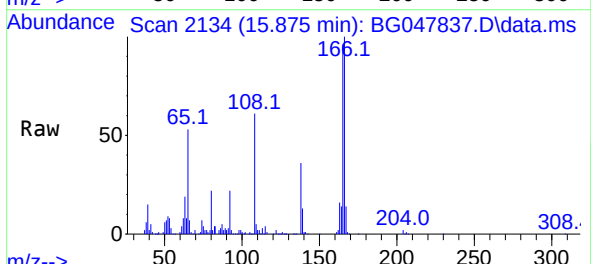
Tgt Ion:204 Resp: 233678  
Ion Ratio Lower Upper  
204 100  
206 34.0 27.8 41.8  
141 51.6 41.5 62.3

Manual Integrations  
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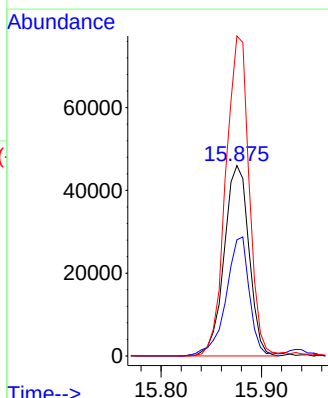
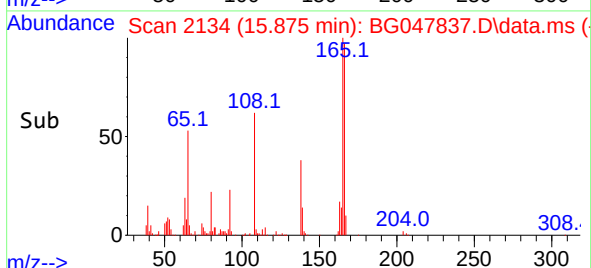
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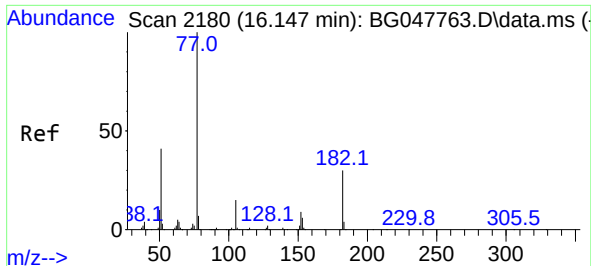


#62  
4-Nitroaniline  
Concen: 38.69 ng  
RT: 15.875 min Scan# 2134  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37



Tgt Ion:138 Resp: 78974  
Ion Ratio Lower Upper  
138 100  
92 61.0 26.9 66.9  
108 168.0 49.4 89.4#





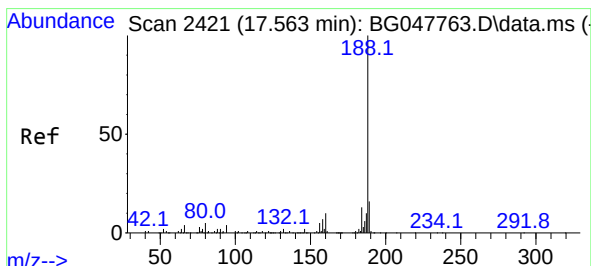
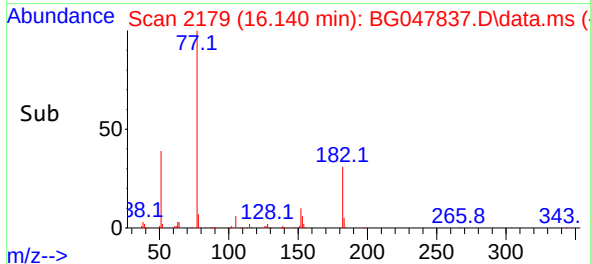
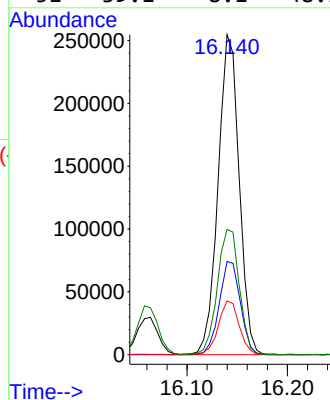
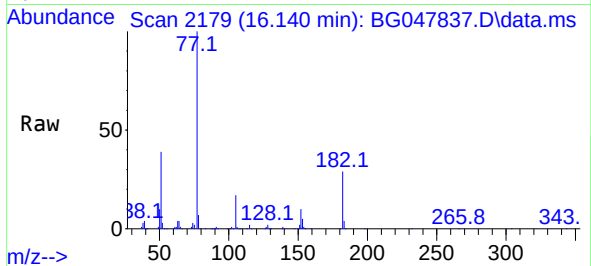
#63  
Azobenzene  
Concen: 44.78 ng  
RT: 16.140 min Scan# 2179  
Delta R.T. -0.007 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

Tgt Ion: 77 Resp: 370757  
Ion Ratio Lower Upper  
77 100  
182 29.1 14.0 54.0  
105 16.8 3.0 43.0  
51 39.1 8.1 48.1

Instrument :  
BNA\_G  
ClientSampleId :  
PB133839BS

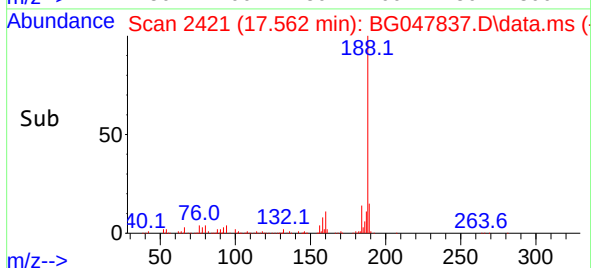
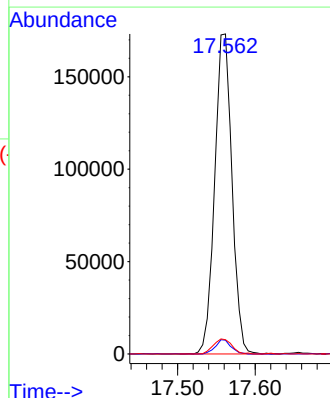
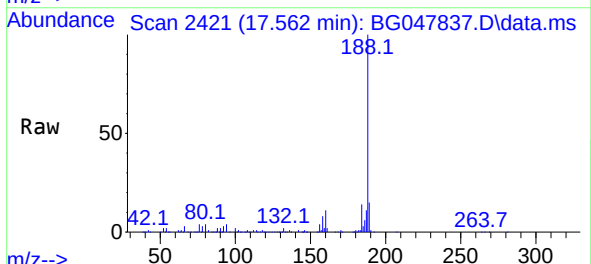
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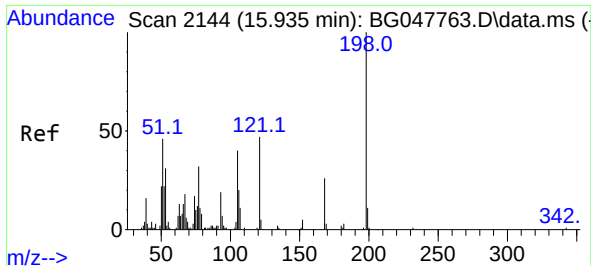
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#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.562 min Scan# 2421  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

Tgt Ion:188 Resp: 267659  
Ion Ratio Lower Upper  
188 100  
94 4.3 6.3 9.5#  
80 4.4 7.0 10.6#





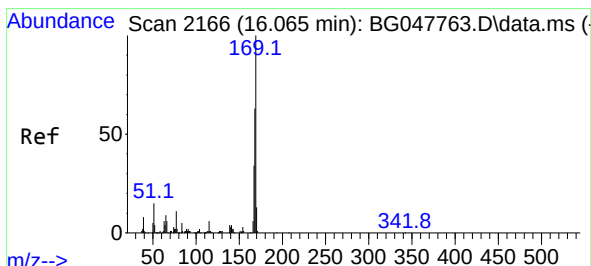
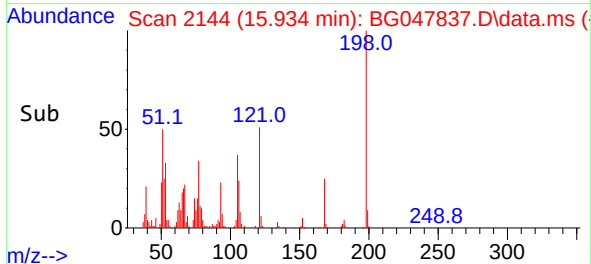
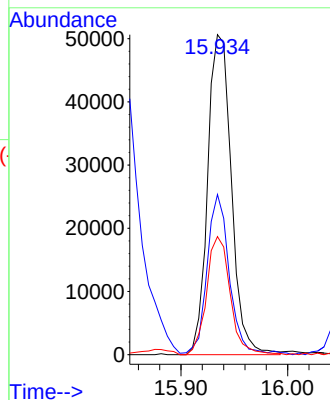
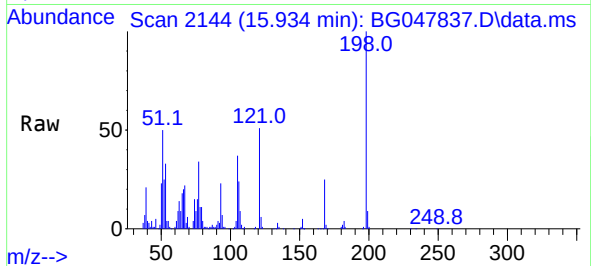
#65  
4,6-Dinitro-2-methylphenol  
Concen: 45.80 ng  
RT: 15.934 min Scan# 2144  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 198   | Resp: | 78335 |
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 51        | 50.0  | 10.4  | 50.4  |
| 105       | 36.9  | 12.9  | 52.9  |

Instrument :  
BNA\_G  
ClientSampleId :  
PB133839BS

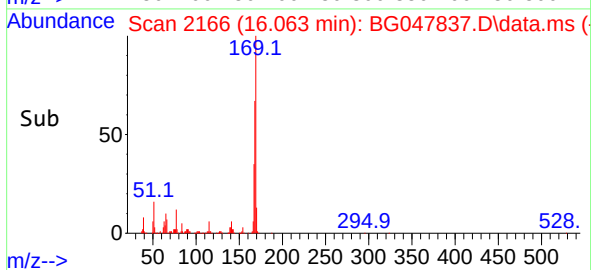
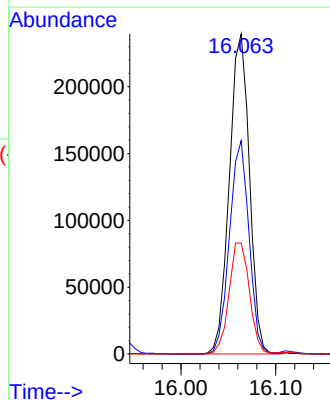
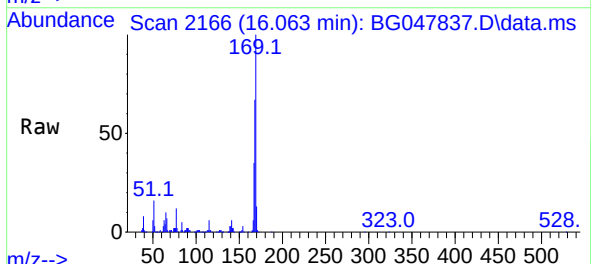
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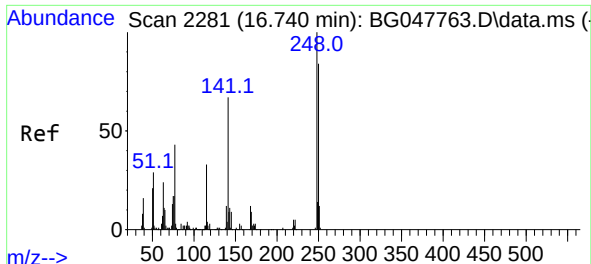
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#66  
n-Nitrosodiphenylamine  
Concen: 46.04 ng  
RT: 16.063 min Scan# 2166  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 352615 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 66.7  | 55.5  | 83.3   |
| 167       | 34.7  | 30.5  | 45.7   |





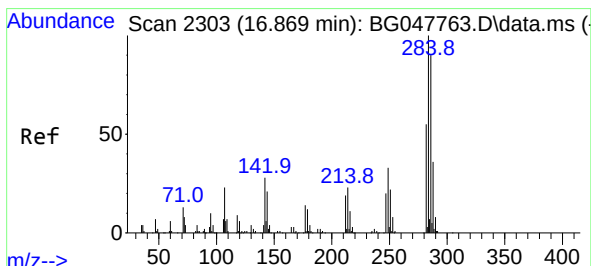
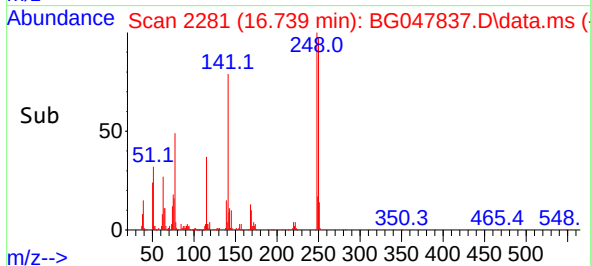
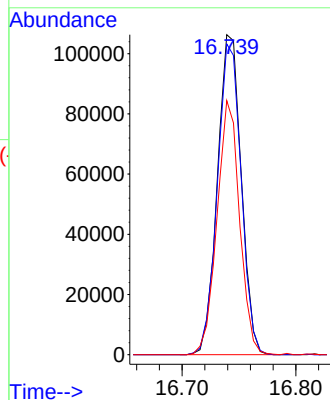
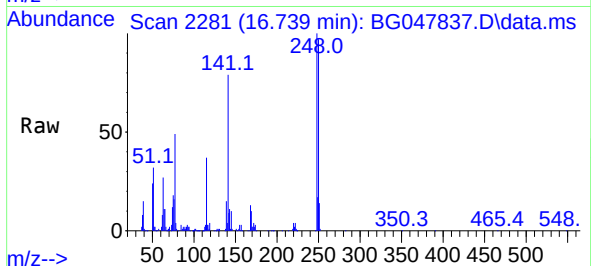
#67  
4-Bromophenyl-phenylether  
Concen: 42.92 ng  
RT: 16.739 min Scan# 2281  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

Tgt Ion:248 Resp: 154369  
Ion Ratio Lower Upper  
248 100  
250 97.1 78.9 118.3  
141 79.4 46.2 69.4#

Instrument :  
BNA\_G  
ClientSampleId :  
PB133839BS

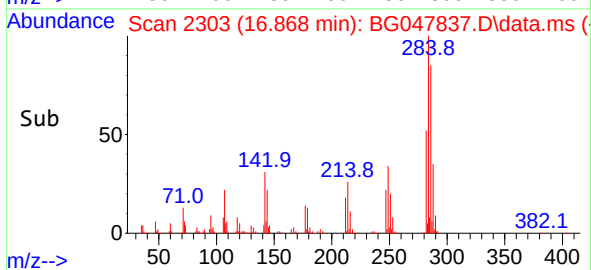
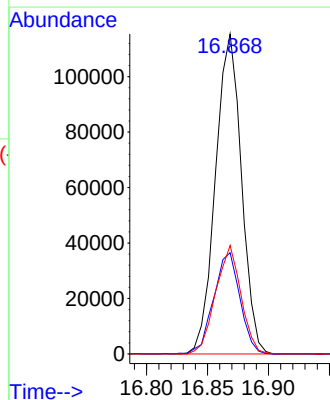
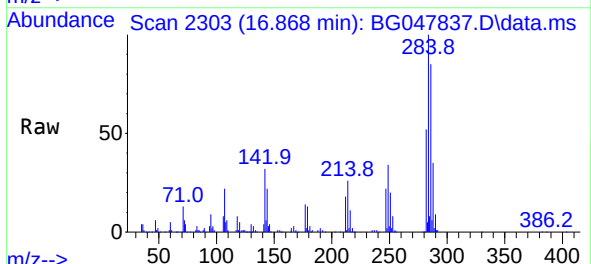
Manual Integrations  
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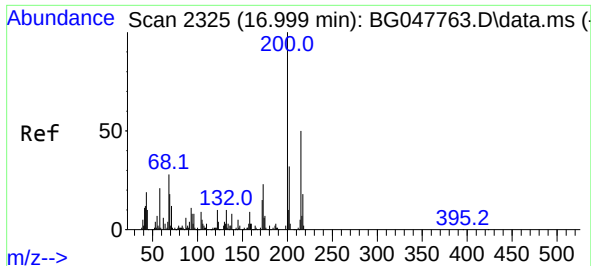
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#68  
Hexachlorobenzene  
Concen: 43.84 ng  
RT: 16.868 min Scan# 2303  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

Tgt Ion:284 Resp: 171029  
Ion Ratio Lower Upper  
284 100  
142 31.6 21.1 31.7  
249 36.5 25.9 38.9





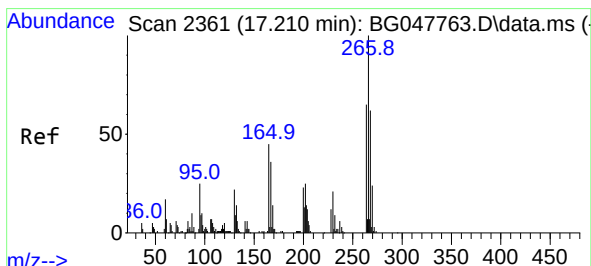
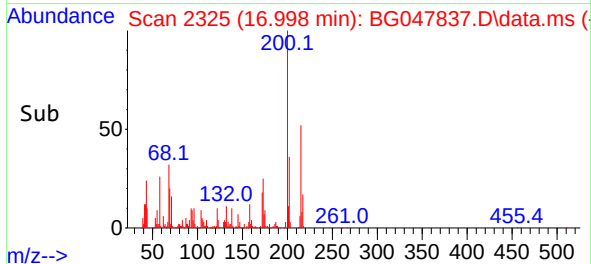
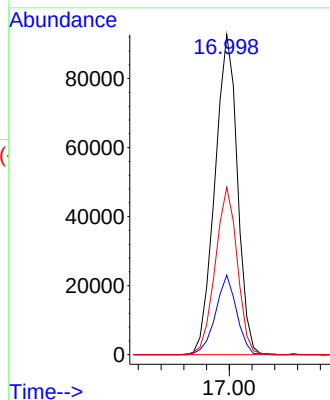
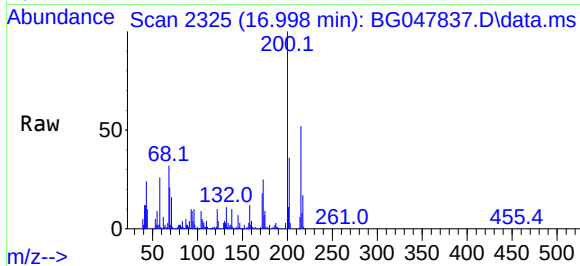
#69  
Atrazine  
Concen: 39.69 ng  
RT: 16.998 min Scan# 2325  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

Tgt Ion:200 Resp: 127668  
Ion Ratio Lower Upper  
200 100  
173 24.8 4.2 44.2  
215 52.3 30.0 70.0

Instrument :  
BNA\_G  
ClientSampleId :  
PB133839BS

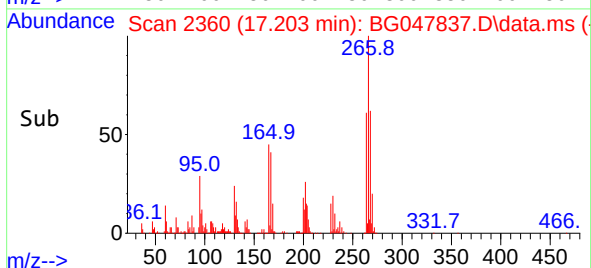
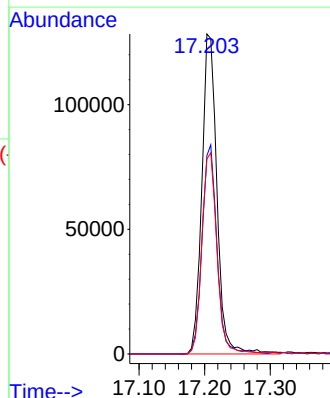
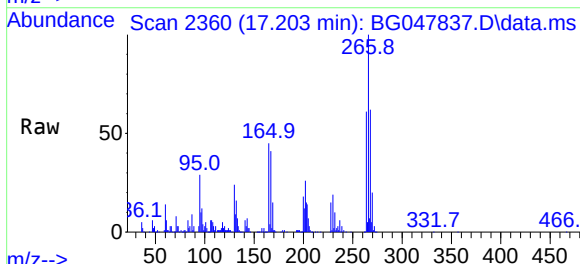
Manual Integrations  
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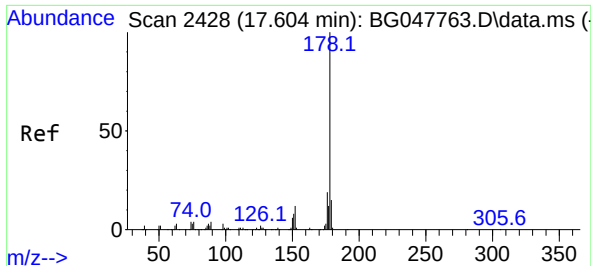
mohammad  
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#70  
Pentachlorophenol  
Concen: 72.29 ng  
RT: 17.203 min Scan# 2360  
Delta R.T. -0.007 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

Tgt Ion:266 Resp: 205639  
Ion Ratio Lower Upper  
266 100  
268 62.0 49.8 74.6  
264 61.0 49.3 73.9





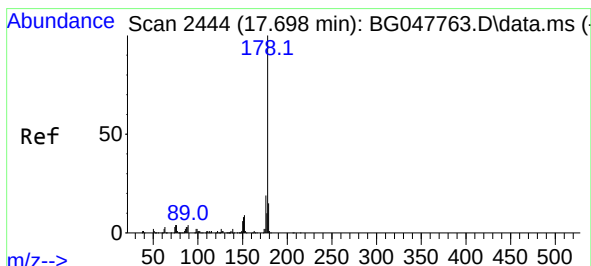
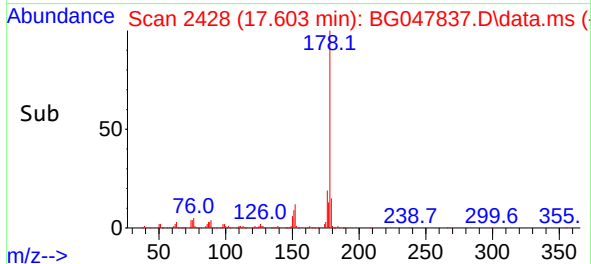
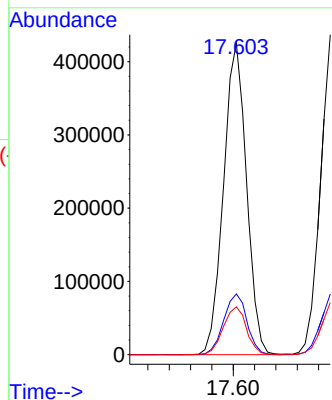
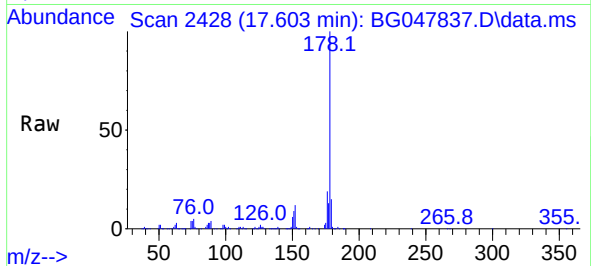
#71  
Phenanthrene  
Concen: 44.08 ng  
RT: 17.603 min Scan# 2428  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

Tgt Ion:178 Resp: 636083  
Ion Ratio Lower Upper  
178 100  
176 19.5 16.7 25.1  
179 15.3 14.0 21.0

Instrument :  
BNA\_G  
ClientSampleId :  
PB133839BS

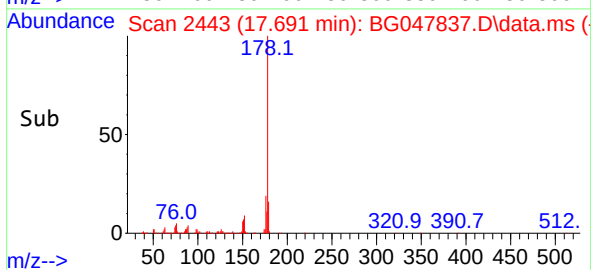
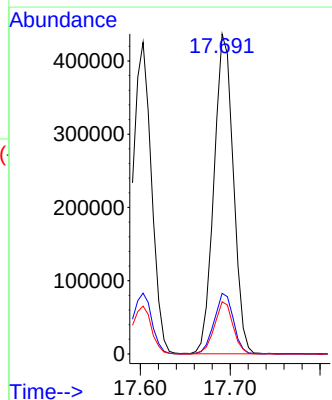
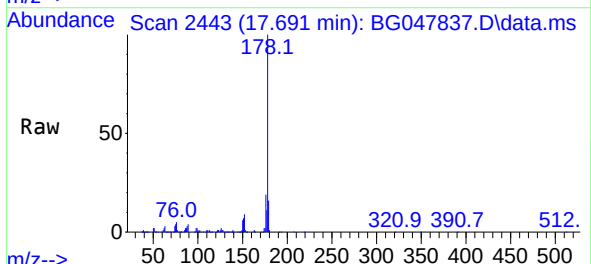
Manual Integrations  
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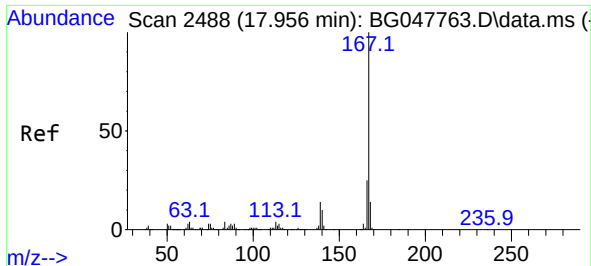
mohammad  
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#72  
Anthracene  
Concen: 46.71 ng  
RT: 17.691 min Scan# 2443  
Delta R.T. -0.007 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

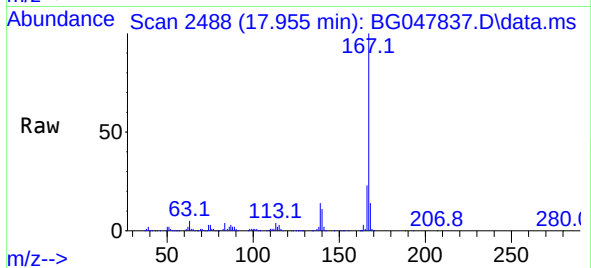
Tgt Ion:178 Resp: 653500  
Ion Ratio Lower Upper  
178 100  
176 19.0 16.4 24.6  
179 16.3 13.8 20.6





#73  
 Carbazole  
 Concen: 44.68 ng  
 RT: 17.955 min Scan# 2488  
 Delta R.T. -0.001 min  
 Lab File: BG047837.D  
 Acq: 29 Dec 2020 15:37

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB133839BS

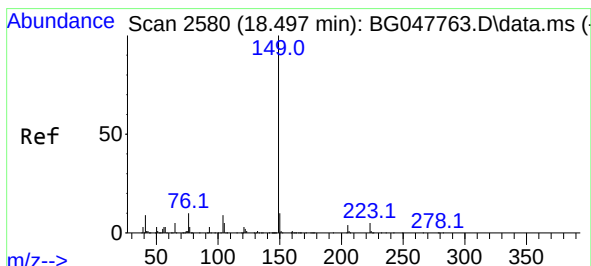
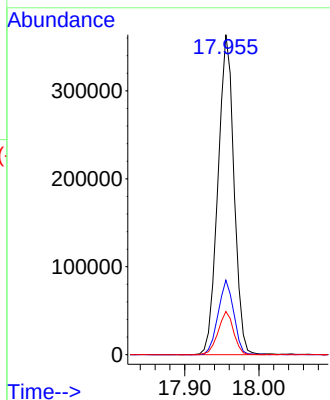
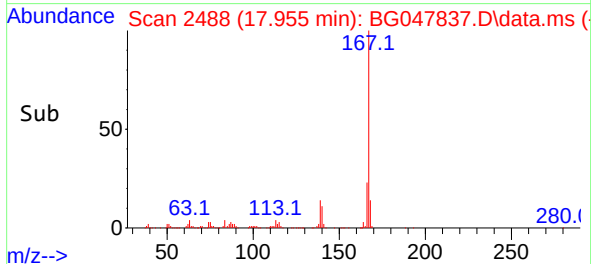


Tgt Ion:167 Resp: 547325  

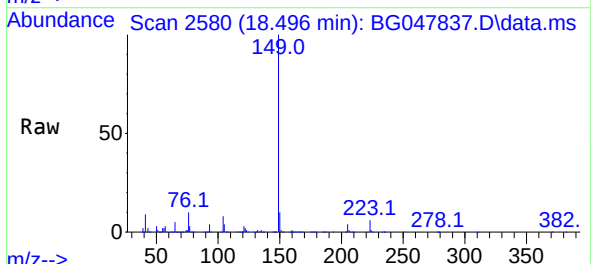
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 23.3  | 18.7  | 28.1  |
| 139 | 13.5  | 9.6   | 14.4  |

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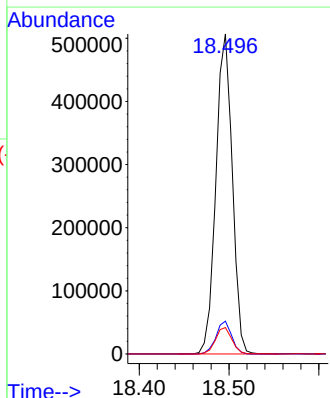
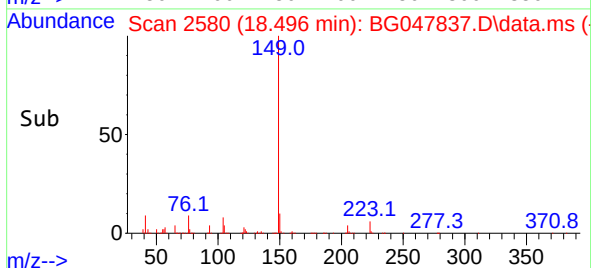


#74  
 Di-n-butylphthalate  
 Concen: 44.38 ng  
 RT: 18.496 min Scan# 2580  
 Delta R.T. -0.001 min  
 Lab File: BG047837.D  
 Acq: 29 Dec 2020 15:37

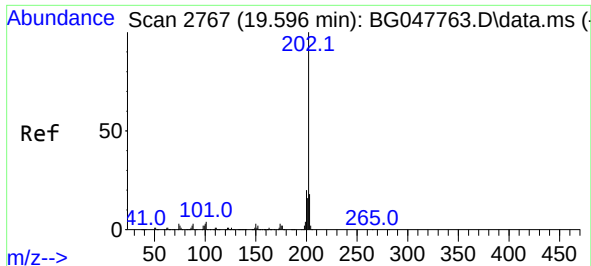


Tgt Ion:149 Resp: 640846  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 10.2  | 8.2   | 12.4  |
| 104 | 8.3   | 3.8   | 5.8   |







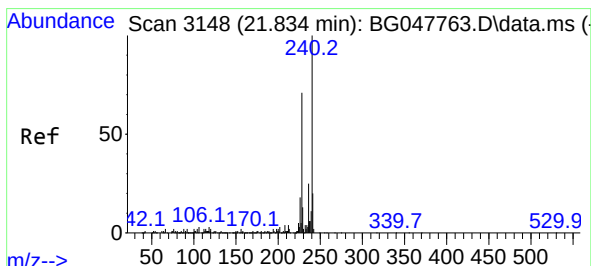
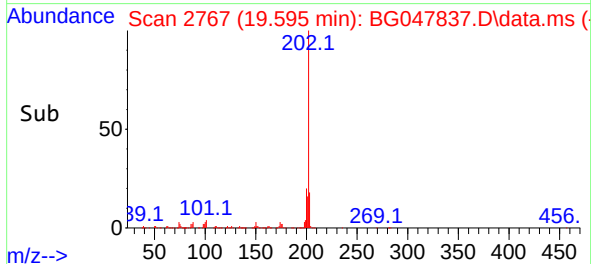
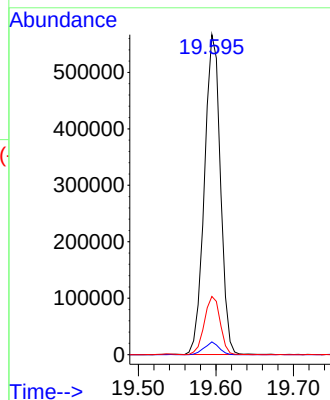
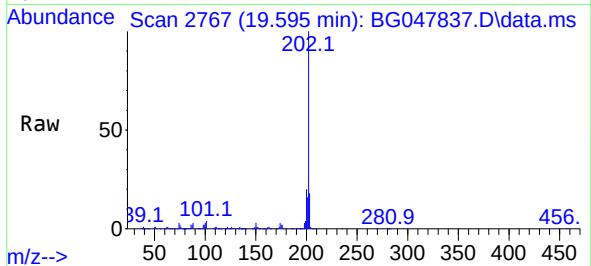
#75  
Fluoranthene  
Concen: 41.85 ng  
RT: 19.595 min Scan# 2767  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

Tgt Ion:202 Resp: 809661  
Ion Ratio Lower Upper  
202 100  
101 4.0 0.0 29.7  
203 18.2 0.0 39.2

Instrument :  
BNA\_G  
ClientSampleId :  
PB133839BS

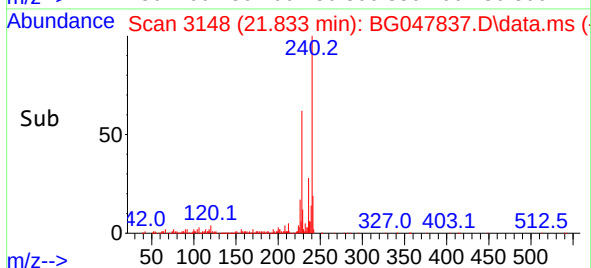
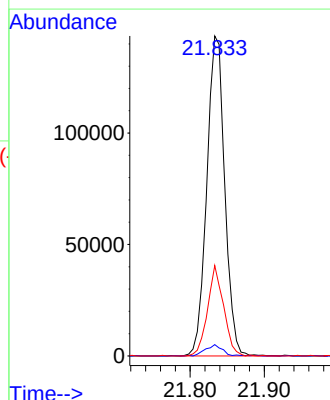
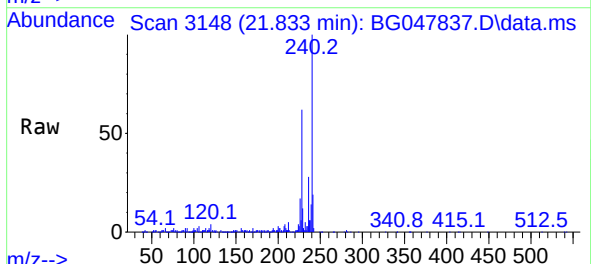
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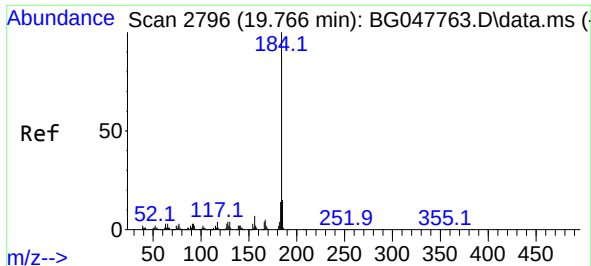
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#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.833 min Scan# 3148  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

Tgt Ion:240 Resp: 241150  
Ion Ratio Lower Upper  
240 100  
120 3.6 6.2 9.4#  
236 28.2 20.5 30.7





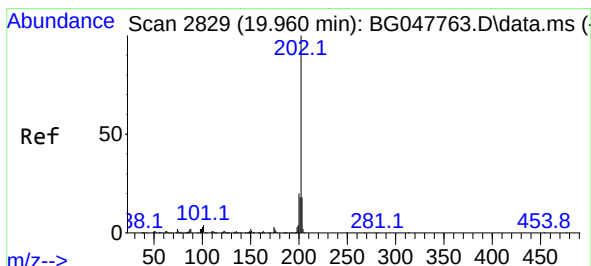
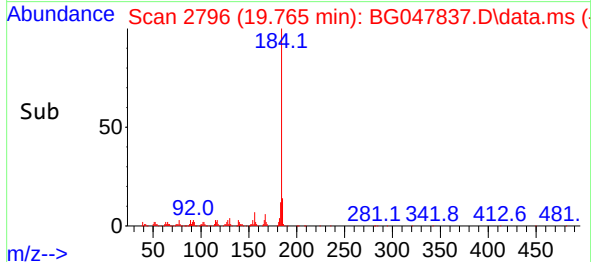
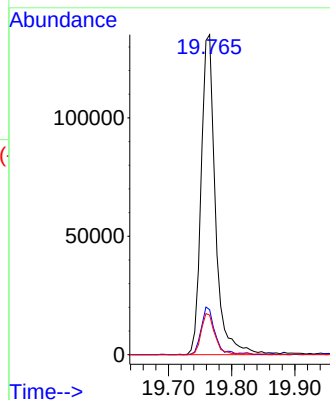
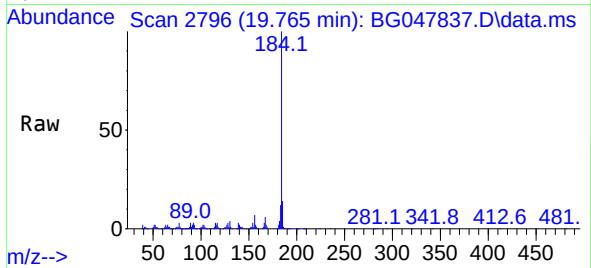
#77  
Benzidine  
Concen: 32.78 ng  
RT: 19.765 min Scan# 2796  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 212561 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.1  | 12.4  | 18.6   |
| 183       | 12.3  | 10.6  | 15.8   |

Instrument :  
BNA\_G  
ClientSampleId :  
PB133839BS

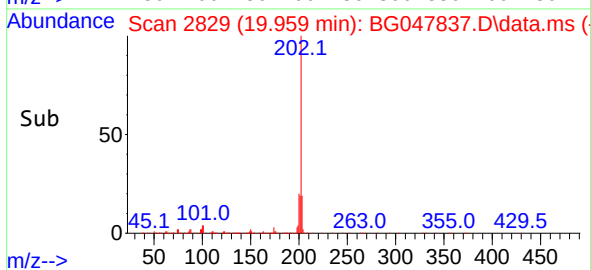
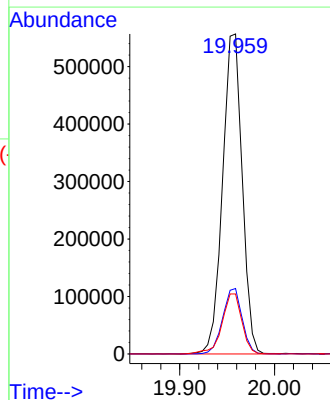
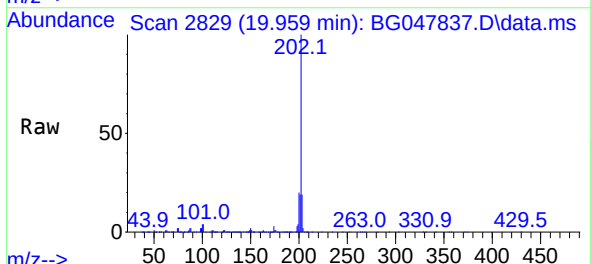
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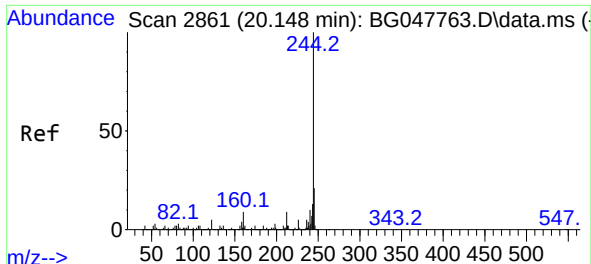
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#78  
Pyrene  
Concen: 46.43 ng  
RT: 19.959 min Scan# 2829  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

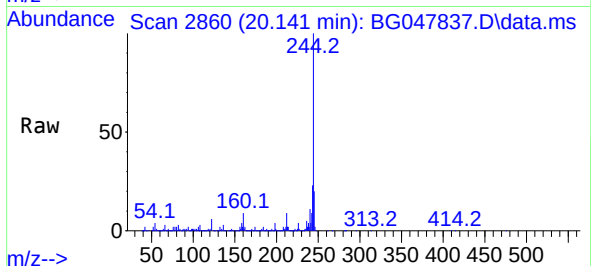
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 802178 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 20.4  | 18.6  | 27.8   |
| 203       | 18.7  | 15.3  | 22.9   |





#79  
 Terphenyl-d14  
 Concen: 76.73 ng  
 RT: 20.141 min Scan# 2860  
 Delta R.T. -0.007 min  
 Lab File: BG047837.D  
 Acq: 29 Dec 2020 15:37

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB133839BS

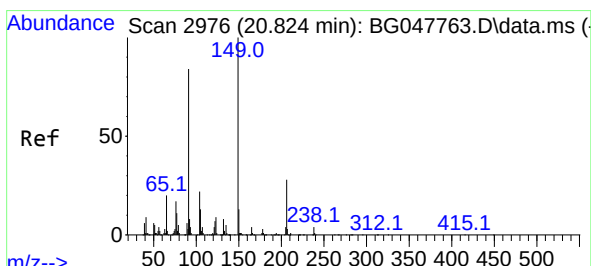
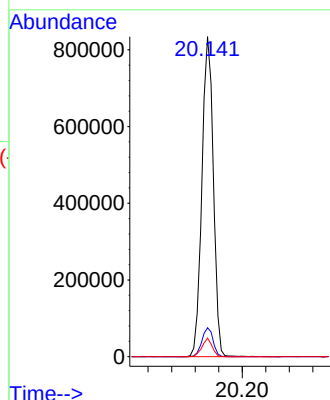
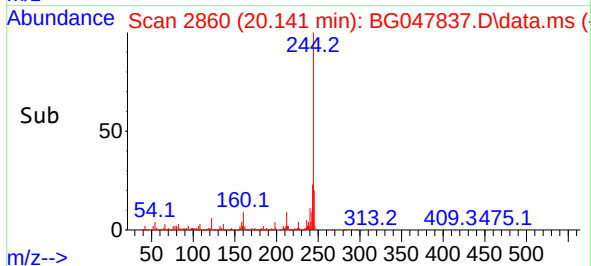


Tgt Ion:244 Resp: 1122901

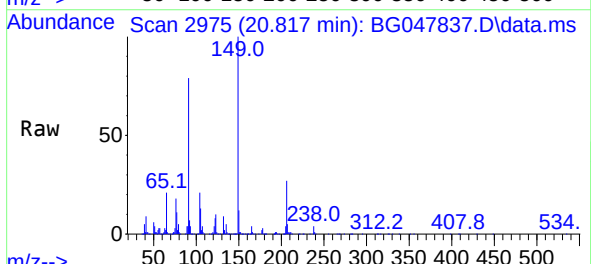
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 9.1   | 6.7   | 10.1  |
| 122 | 5.8   | 7.8   | 11.6# |

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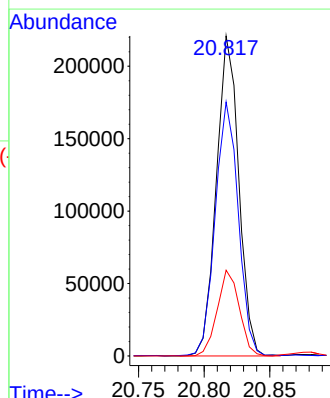
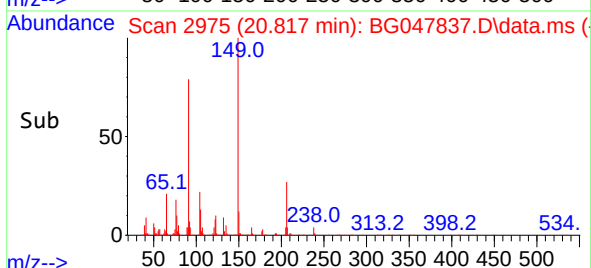


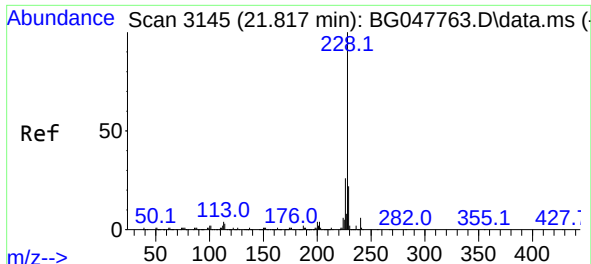
#80  
 Butylbenzylphthalate  
 Concen: 44.23 ng  
 RT: 20.817 min Scan# 2975  
 Delta R.T. -0.007 min  
 Lab File: BG047837.D  
 Acq: 29 Dec 2020 15:37



Tgt Ion:149 Resp: 262069

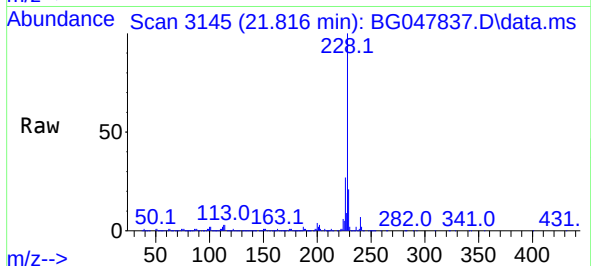
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 79.3  | 51.5  | 77.3# |
| 206 | 26.8  | 21.2  | 31.8  |





#81  
Benzo(a)anthracene  
Concen: 43.56 ng  
RT: 21.816 min Scan# 3145  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

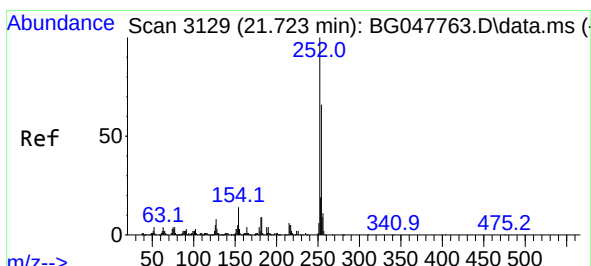
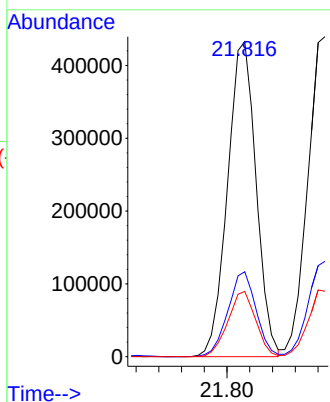
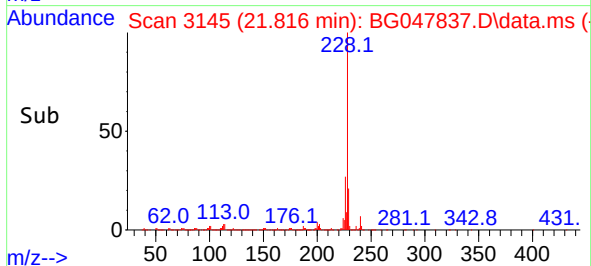
Instrument :  
BNA\_G  
ClientSampleId :  
PB133839BS



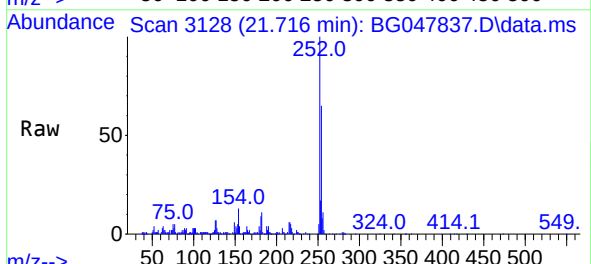
Tgt Ion:228 Resp: 754495  
Ion Ratio Lower Upper  
228 100  
226 27.0 23.3 34.9  
229 20.7 17.4 26.0

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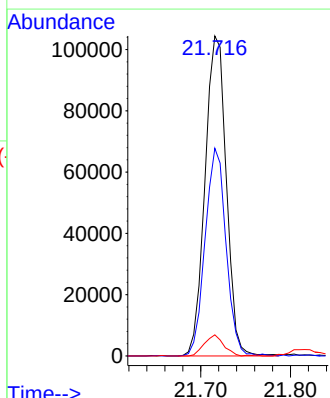
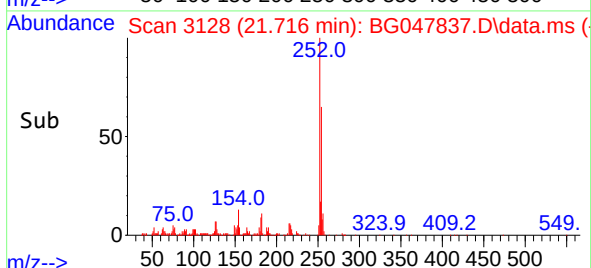
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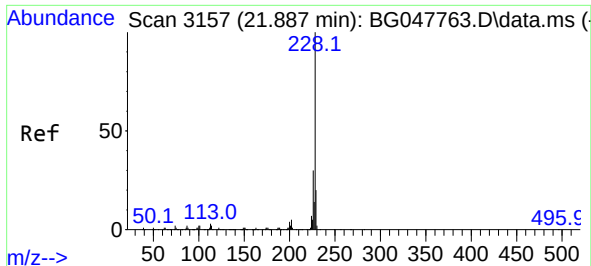


#82  
3,3'-Dichlorobenzidine  
Concen: 28.22 ng  
RT: 21.716 min Scan# 3128  
Delta R.T. -0.007 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37



Tgt Ion:252 Resp: 172023  
Ion Ratio Lower Upper  
252 100  
254 64.9 53.2 79.8  
126 6.6 6.8 10.2#





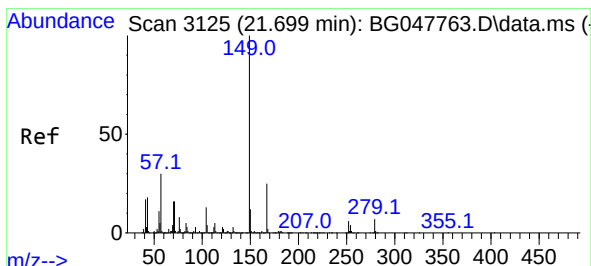
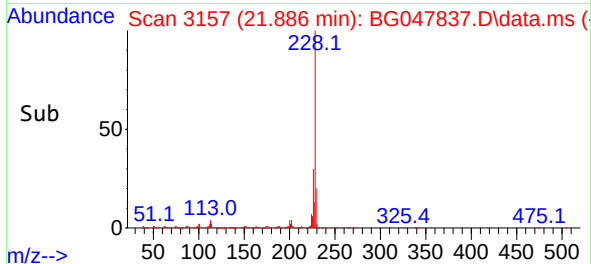
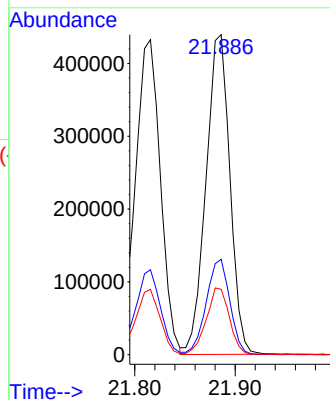
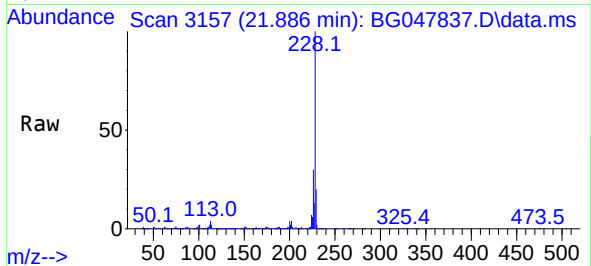
#83  
Chrysene  
Concen: 44.58 ng  
RT: 21.886 min Scan# 3157  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

Tgt Ion:228 Resp: 729357  
Ion Ratio Lower Upper  
228 100  
226 29.8 25.0 37.4  
229 20.5 17.3 25.9

Instrument :  
BNA\_G  
ClientSampleId :  
PB133839BS

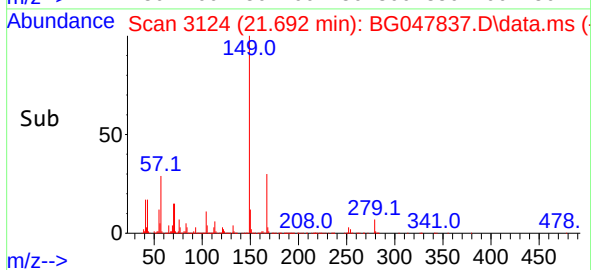
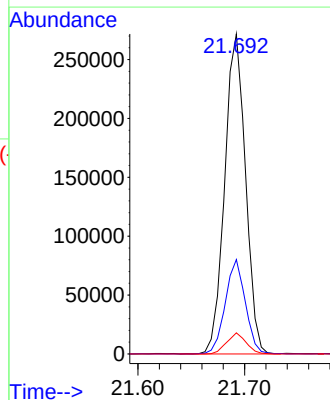
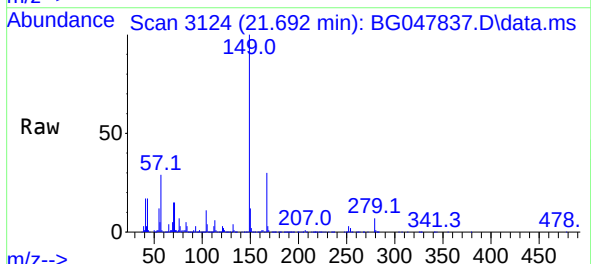
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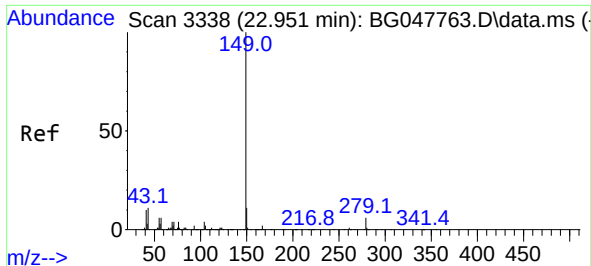
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#84  
Bis(2-ethylhexyl)phthalate  
Concen: 45.13 ng  
RT: 21.692 min Scan# 3124  
Delta R.T. -0.007 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

Tgt Ion:149 Resp: 368518  
Ion Ratio Lower Upper  
149 100  
167 29.5 24.8 37.2  
279 6.6 4.6 7.0





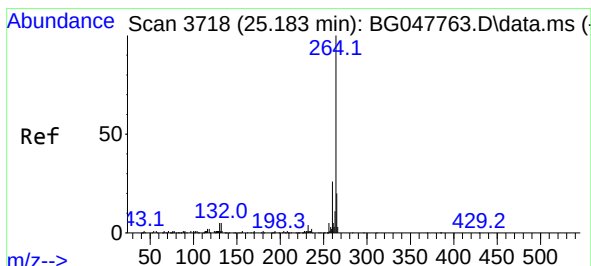
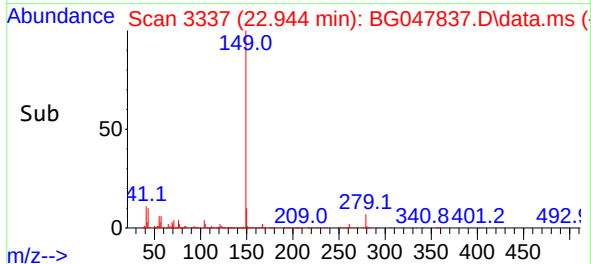
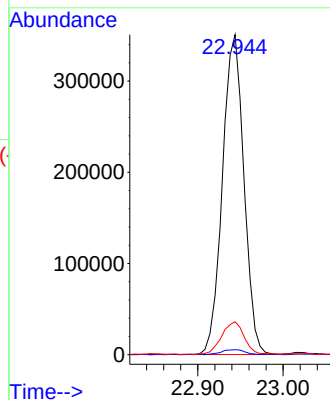
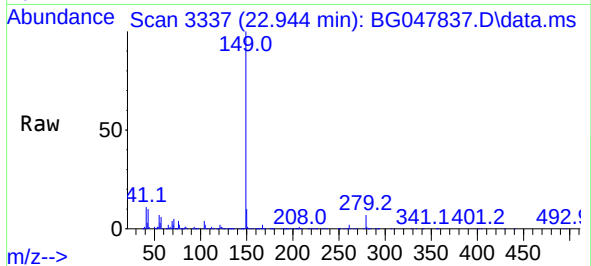
#85  
Di-n-octyl phthalate  
Concen: 44.32 ng  
RT: 22.944 min Scan# 3337  
Delta R.T. -0.007 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

Tgt Ion:149 Resp: 613658  
Ion Ratio Lower Upper  
149 100  
167 1.8 1.4 2.2  
43 10.6 6.8 10.2#

Instrument :  
BNA\_G  
ClientSampleId :  
PB133839BS

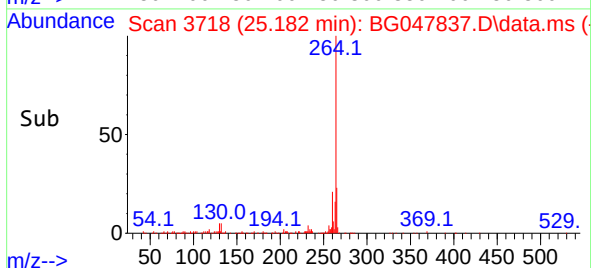
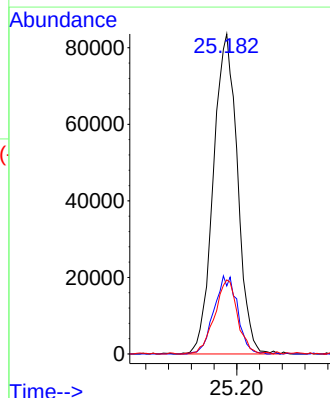
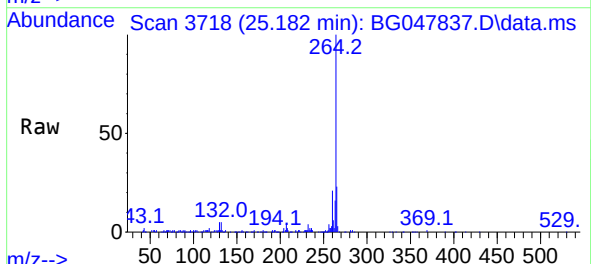
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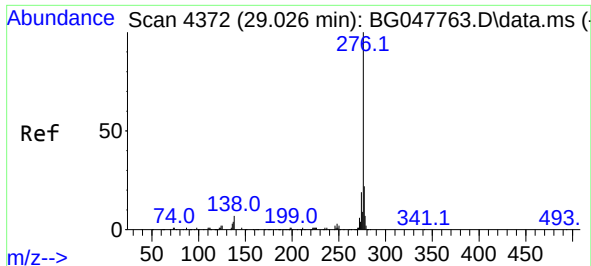
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#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 25.182 min Scan# 3718  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

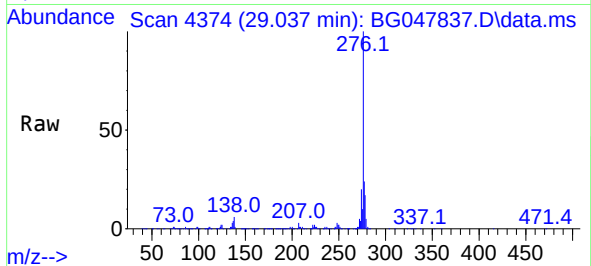
Tgt Ion:264 Resp: 245647  
Ion Ratio Lower Upper  
264 100  
260 21.2 18.8 28.2  
265 23.1 17.8 26.8





#87  
Indeno(1,2,3-cd)pyrene  
Concen: 46.69 ng  
RT: 29.037 min Scan# 4374  
Delta R.T. 0.011 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

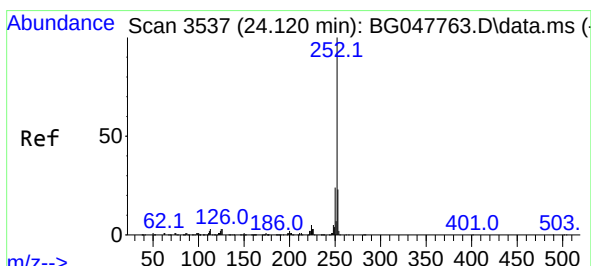
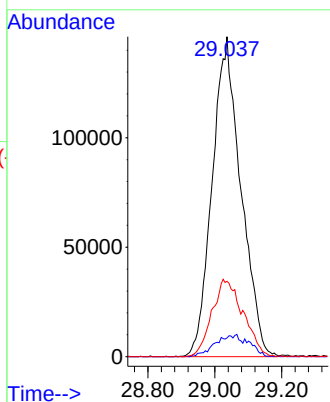
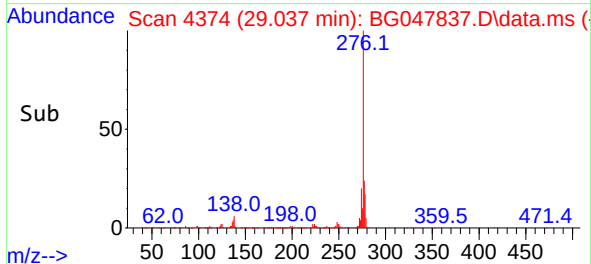
Instrument :  
BNA\_G  
ClientSampleId :  
PB133839BS



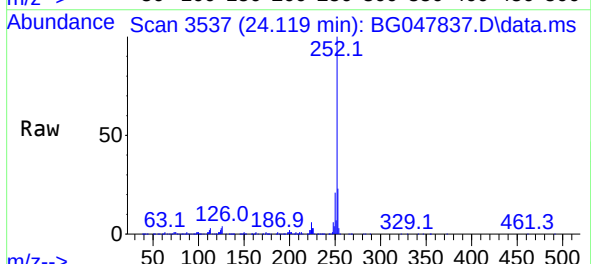
Tgt Ion:276 Resp: 870921  
Ion Ratio Lower Upper  
276 100  
138 4.4 16.2 24.2#  
277 26.2 20.3 30.5

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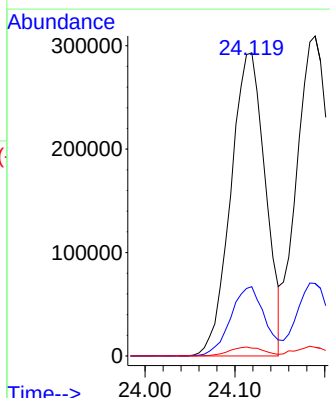
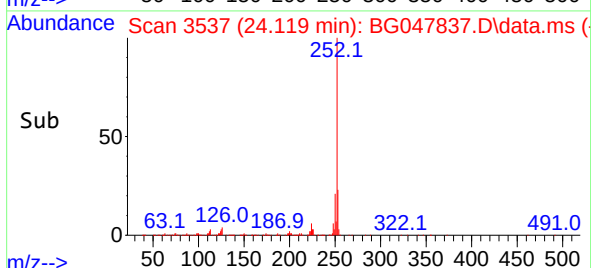
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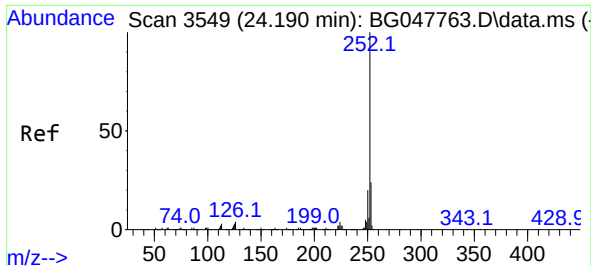


#88  
Benzo(b)fluoranthene  
Concen: 46.32 ng  
RT: 24.119 min Scan# 3537  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37



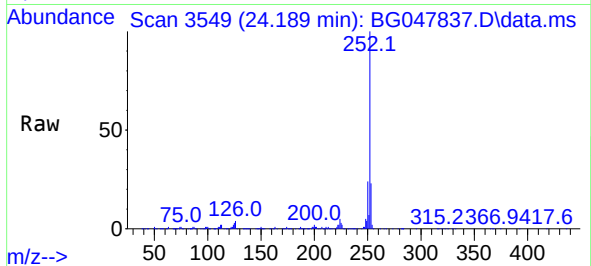
Tgt Ion:252 Resp: 784554  
Ion Ratio Lower Upper  
252 100  
253 22.8 18.7 28.1  
125 2.6 6.5 9.7#





#89  
Benzo(k)fluoranthene  
Concen: 47.06 ng  
RT: 24.189 min Scan# 3549  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

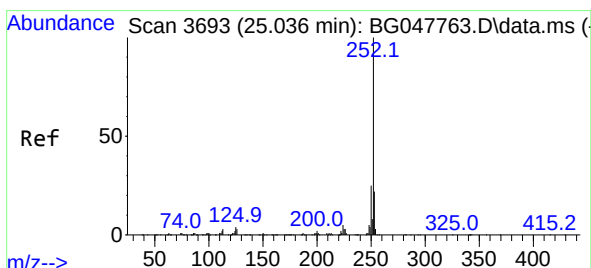
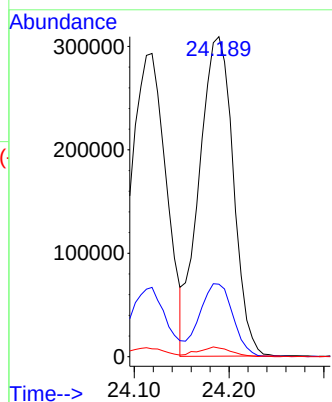
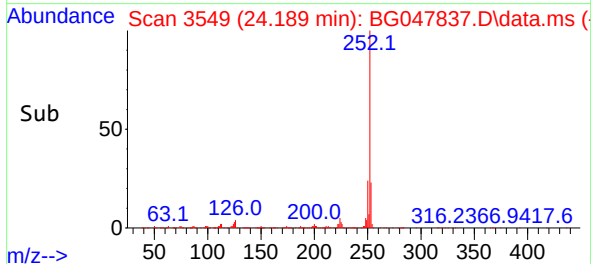
Instrument :  
BNA\_G  
ClientSampleId :  
PB133839BS



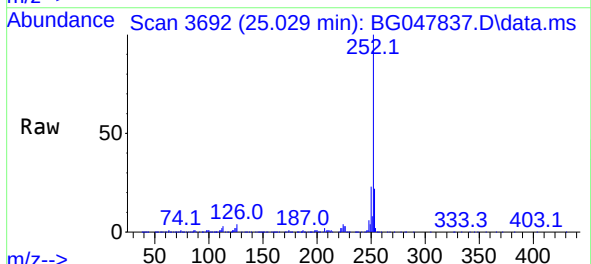
Tgt Ion:252 Resp: 772697  
Ion Ratio Lower Upper  
252 100  
253 22.7 18.6 27.8  
125 2.7 6.8 10.2#

Manual Integrations  
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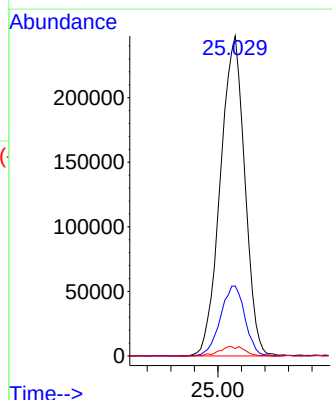
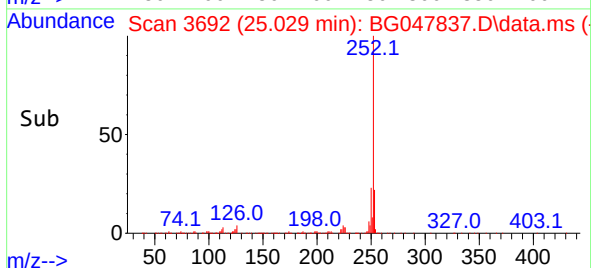
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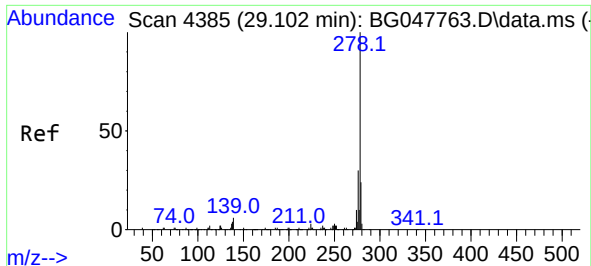
#90  
Benzo(a)pyrene  
Concen: 45.33 ng  
RT: 25.029 min Scan# 3692  
Delta R.T. -0.007 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37



Tgt Ion:252 Resp: 714443  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.9 26.9  
125 2.3 7.0 10.4#







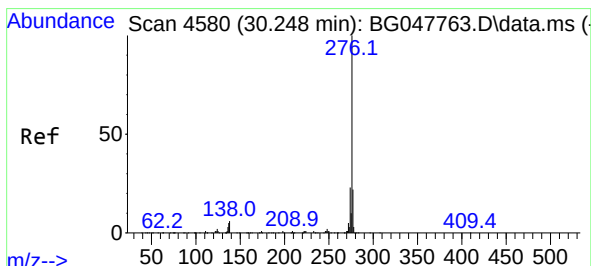
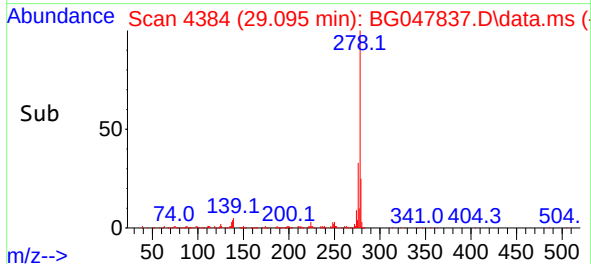
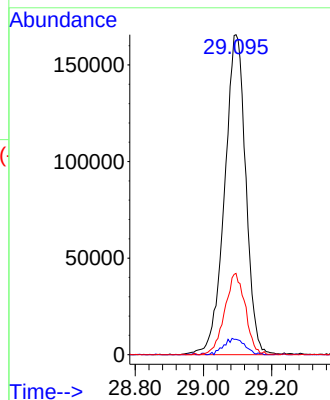
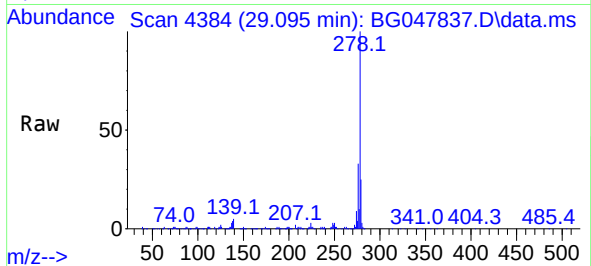
#91  
Dibenzo(a,h)anthracene  
Concen: 47.26 ng  
RT: 29.095 min Scan# 4384  
Delta R.T. -0.007 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

Tgt Ion: 278 Resp: 714115  
Ion Ratio Lower Upper  
278 100  
139 4.8 10.5 15.7#  
279 25.4 19.4 29.0

Instrument :  
BNA\_G  
ClientSampleId :  
PB133839BS

Manual Integrations  
APPROVED

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#92  
Benzo(g,h,i)perylene  
Concen: 48.56 ng  
RT: 30.247 min Scan# 4580  
Delta R.T. -0.001 min  
Lab File: BG047837.D  
Acq: 29 Dec 2020 15:37

Tgt Ion: 276 Resp: 717612  
Ion Ratio Lower Upper  
276 100  
277 24.4 19.6 29.4  
138 7.2 13.4 20.2#

