

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG041321\  
 Data File : BG048675.D  
 Acq On : 13 Apr 2021 15:37  
 Operator : CG/JU  
 Sample : PB135702BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB135702BS

Manual Integrations  
 APPROVED

mohammad  
 4/14/2021 11:51:48 AM

Quant Time: Apr 14 00:29:59 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG033021.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 07 10:06:00 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.083  | 152  | 19146    | 20.00  | ng    | #-0.02   |
| 21) Naphthalene-d8            | 10.909 | 136  | 77398    | 20.00  | ng    | #-0.02   |
| 39) Acenaphthene-d10          | 14.740 | 164  | 58153    | 20.00  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 17.495 | 188  | 144844   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.796 | 240  | 146817   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12              | 25.128 | 264  | 140018   | 20.00  | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.633  | 112  | 133861   | 123.44 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.243  | 99   | 170735   | 108.56 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.258  | 82   | 113836   | 71.21  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.232 | 330  | 79522    | 104.03 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.359 | 172  | 246780   | 63.07  | ng    | -0.01    |
| 79) Terphenyl-d14             | 20.104 | 244  | 510165   | 63.55  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.488  | 88   | 16055    | 36.80  | ng    | # 86     |
| 3) Pyridine                   | 3.888  | 79   | 46722    | 42.71  | ng    | 97       |
| 4) n-Nitrosodimethylamine     | 3.806  | 42   | 38991    | 54.56  | ng    | 99       |
| 6) Aniline                    | 7.401  | 93   | 46613    | 25.81  | ng    | 94       |
| 8) 2-Chlorophenol             | 7.648  | 128  | 51154    | 41.74  | ng    | 97       |
| 9) Benzaldehyde               | 7.207  | 77   | 32154    | 31.98  | ng    | # 83     |
| 10) Phenol                    | 7.272  | 94   | 70309    | 44.65  | ng    | 92       |
| 11) bis(2-Chloroethyl)ether   | 7.495  | 93   | 45375    | 41.53  | ng    | 88       |
| 12) 1,3-Dichlorobenzene       | 7.971  | 146  | 59084    | 42.80  | ng    | 98       |
| 13) 1,4-Dichlorobenzene       | 8.118  | 146  | 58439    | 41.98  | ng    | 89       |
| 14) 1,2-Dichlorobenzene       | 8.441  | 146  | 56362    | 42.28  | ng    | 94       |
| 15) Benzyl Alcohol            | 8.324  | 79   | 59062    | 45.84  | ng    | # 88     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.618  | 45   | 50297    | 47.72  | ng    | 95       |
| 17) 2-Methylphenol            | 8.535  | 107  | 43199    | 42.40  | ng    | 93       |
| 18) Hexachloroethane          | 9.182  | 117  | 22832    | 44.14  | ng    | 87       |
| 19) n-Nitroso-di-n-propyla... | 8.888  | 70   | 43710    | 40.32  | ng    | # 92     |
| 20) 3+4-Methylphenols         | 8.858  | 107  | 59238    | 41.89  | ng    | 91       |
| 22) Acetophenone              | 8.911  | 105  | 81143    | 40.66  | ng    | # 96     |
| 24) Nitrobenzene              | 9.299  | 77   | 72290    | 46.08  | ng    | 94       |
| 25) Isophorone                | 9.822  | 82   | 118768   | 40.23  | ng    | 95       |
| 26) 2-Nitrophenol             | 10.010 | 139  | 29280    | 40.62  | ng    | # 86     |
| 27) 2,4-Dimethylphenol        | 10.075 | 122  | 50487    | 44.51  | ng    | 89       |
| 28) bis(2-Chloroethoxy)met... | 10.304 | 93   | 59920    | 44.28  | ng    | 96       |
| 29) 2,4-Dichlorophenol        | 10.556 | 162  | 54715    | 42.60  | ng    | 96       |
| 30) 1,2,4-Trichlorobenzene    | 10.768 | 180  | 60064    | 40.70  | ng    | 96       |
| 31) Naphthalene               | 10.962 | 128  | 161109   | 40.48  | ng    | 98       |
| 32) Benzoic acid              | 10.222 | 122  | 31178    | 35.73  | ng    | # 86     |
| 33) 4-Chloroaniline           | 11.068 | 127  | 21134    | 12.58  | ng    | # 93     |
| 34) Hexachlorobutadiene       | 11.244 | 225  | 46327    | 42.98  | ng    | 96       |
| 35) Caprolactam               | 11.849 | 113  | 18735m   | 39.98  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 12.196 | 107  | 62100    | 43.06  | ng    | 96       |
| 37) 2-Methylnaphthalene       | 12.566 | 142  | 128250   | 40.48  | ng    | 92       |
| 38) 1-Methylnaphthalene       | 12.783 | 142  | 117279   | 38.82  | ng    | # 97     |
| 40) 1,2,4,5-Tetrachloroben... | 12.930 | 216  | 73191    | 40.60  | ng    | 95       |
| 41) Hexachlorocyclopentadiene | 12.913 | 237  | 89887    | 86.07  | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 13.171 | 196  | 48647    | 39.26  | ng    | 92       |

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Manual Integrations  
 APPROVED

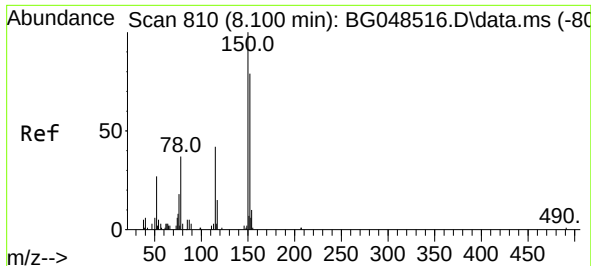
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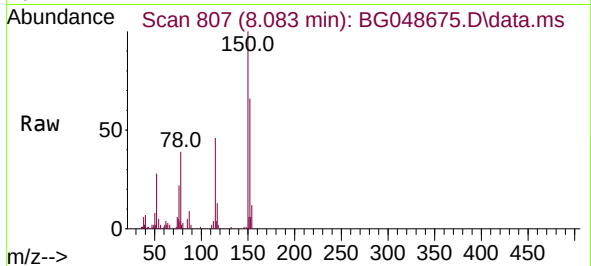
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.253 | 196  | 54947    | 41.45 | ng    | 94       |
| 46) 1,1'-Biphenyl             | 13.571 | 154  | 169737   | 39.95 | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.618 | 162  | 126616   | 39.11 | ng    | 98       |
| 48) 2-Nitroaniline            | 13.817 | 65   | 46540    | 45.22 | ng    | # 80     |
| 49) Acenaphthylene            | 14.464 | 152  | 211139   | 41.60 | ng    | 98       |
| 50) Dimethylphthalate         | 14.187 | 163  | 173857   | 40.28 | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 14.311 | 165  | 37862    | 38.34 | ng    | # 67     |
| 52) Acenaphthene              | 14.804 | 154  | 166901m  | 45.47 | ng    |          |
| 53) 3-Nitroaniline            | 14.646 | 138  | 16821    | 17.37 | ng    | 93       |
| 54) 2,4-Dinitrophenol         | 14.851 | 184  | 46140    | 83.10 | ng    | 96       |
| 55) Dibenzofuran              | 15.139 | 168  | 200472   | 37.39 | ng    | 99       |
| 56) 4-Nitrophenol             | 14.963 | 139  | 59677    | 76.35 | ng    | 90       |
| 57) 2,4-Dinitrotoluene        | 15.098 | 165  | 56280    | 40.29 | ng    | # 85     |
| 58) Fluorene                  | 15.791 | 166  | 174720   | 38.93 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.368 | 232  | 50234    | 38.84 | ng    | 96       |
| 60) Diethylphthalate          | 15.551 | 149  | 182404   | 41.13 | ng    | 97       |
| 61) 4-Chlorophenyl-phenyle... | 15.780 | 204  | 100094   | 41.46 | ng    | 96       |
| 62) 4-Nitroaniline            | 15.809 | 138  | 37659    | 37.18 | ng    | # 70     |
| 63) Azobenzene                | 16.073 | 77   | 178765   | 40.97 | ng    | 93       |
| 65) 4,6-Dinitro-2-methylph... | 15.868 | 198  | 34638    | 39.80 | ng    | 95       |
| 66) n-Nitrosodiphenylamine    | 15.991 | 169  | 154990   | 37.61 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether | 16.673 | 248  | 63440    | 39.51 | ng    | 89       |
| 68) Hexachlorobenzene         | 16.796 | 284  | 67493    | 40.26 | ng    | 99       |
| 69) Atrazine                  | 16.943 | 200  | 65737    | 39.11 | ng    | 98       |
| 70) Pentachlorophenol         | 17.143 | 266  | 74570    | 71.56 | ng    | 95       |
| 71) Phenanthrene              | 17.536 | 178  | 292885   | 38.95 | ng    | 99       |
| 72) Anthracene                | 17.630 | 178  | 296560   | 39.58 | ng    | 99       |
| 73) Carbazole                 | 17.901 | 167  | 268605   | 37.80 | ng    | 96       |
| 74) Di-n-butylphthalate       | 18.447 | 149  | 326401   | 41.12 | ng    | 98       |
| 75) Fluoranthene              | 19.546 | 202  | 387272   | 41.55 | ng    | 94       |
| 77) Benzidine                 | 19.728 | 184  | 121736   | 24.49 | ng    | 96       |
| 78) Pyrene                    | 19.910 | 202  | 380141   | 37.66 | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.791 | 149  | 157237   | 41.94 | ng    | 95       |
| 81) Benzo(a)anthracene        | 21.773 | 228  | 392286   | 39.99 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine    | 21.685 | 252  | 86310    | 25.61 | ng    | 93       |
| 83) Chrysene                  | 21.843 | 228  | 365808   | 39.08 | ng    | 96       |
| 84) Bis(2-ethylhexyl)phtha... | 21.661 | 149  | 224702   | 43.03 | ng    | 98       |
| 85) Di-n-octyl phthalate      | 22.913 | 149  | 379158   | 41.65 | ng    | # 96     |
| 87) Indeno(1,2,3-cd)pyrene    | 28.970 | 276  | 442835   | 45.11 | ng    | # 90     |
| 88) Benzo(b)fluoranthene      | 24.070 | 252  | 412443   | 45.35 | ng    | # 96     |
| 89) Benzo(k)fluoranthene      | 24.141 | 252  | 366200   | 41.88 | ng    | # 99     |
| 90) Benzo(a)pyrene            | 24.975 | 252  | 351573   | 41.95 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 29.041 | 278  | 364566   | 43.51 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 30.169 | 276  | 360573   | 43.94 | ng    | # 98     |

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

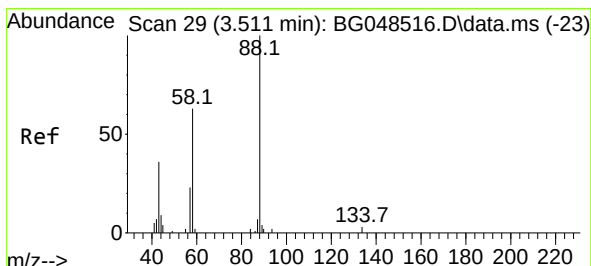
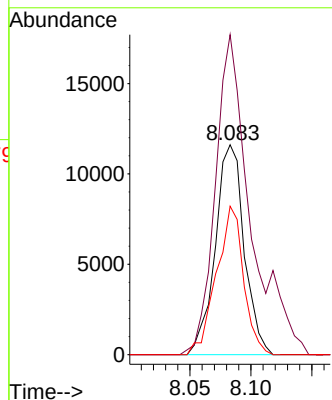
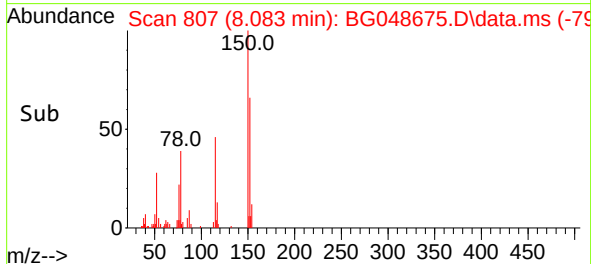




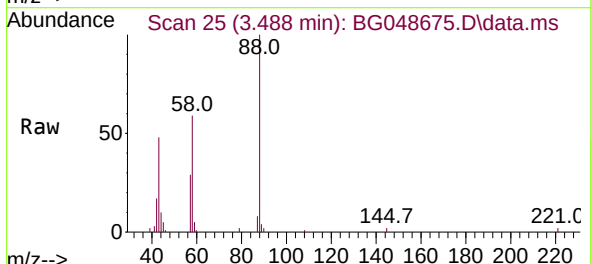
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1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.083 min Scan# 807  
Delta R.T. -0.017 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37



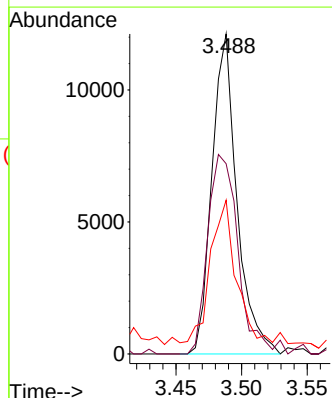
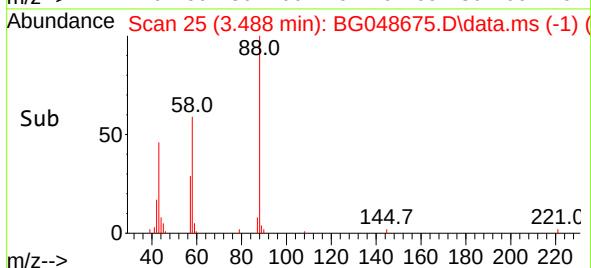
Tgt Ion: 152 Resp: 19146  
Ion Ratio Lower Upper  
152 100  
150 152.5 101.3 151.9#  
115 70.7 42.3 63.5#



#2  
1,4-Dioxane  
Concen: 36.80 ng  
RT: 3.488 min Scan# 25  
Delta R.T. -0.023 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37



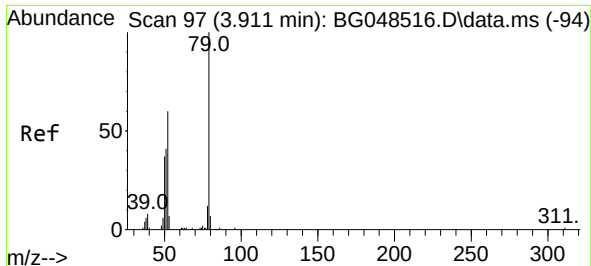
Tgt Ion: 88 Resp: 16055  
Ion Ratio Lower Upper  
88 100  
58 76.5 55.0 82.6  
43 45.4 26.2 39.4#



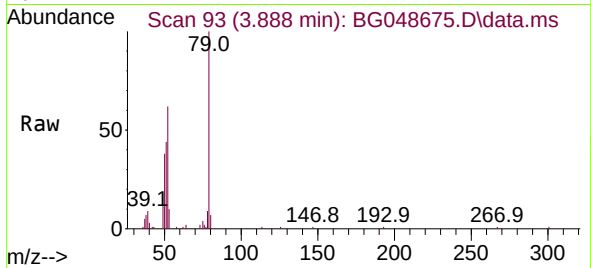
Instrument :  
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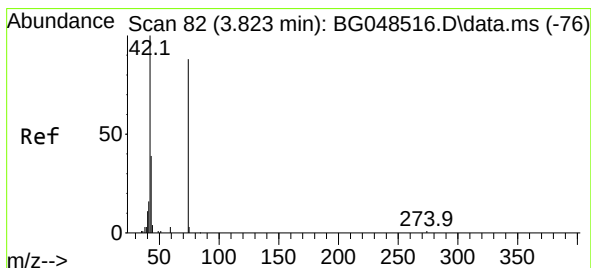
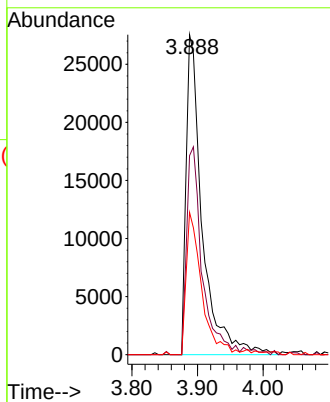
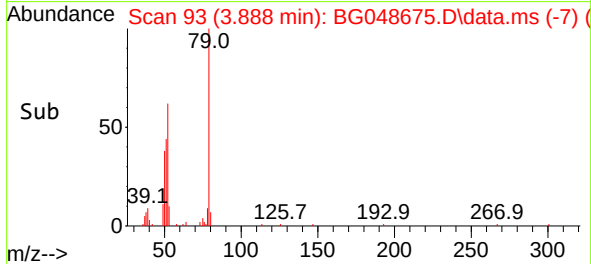
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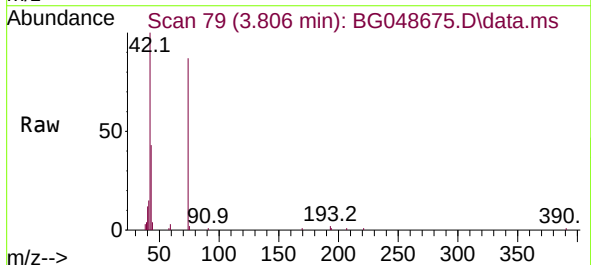
#3  
Pyridine  
Concen: 42.71 ng  
RT: 3.888 min Scan# 93  
Delta R.T. -0.023 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37



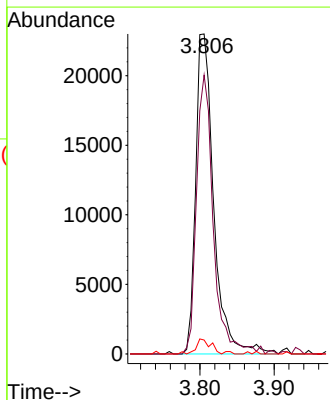
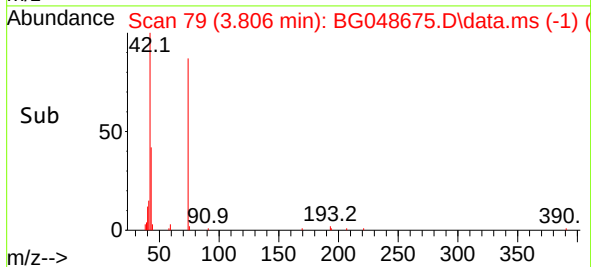
Tgt Ion: 79 Resp: 46722  
Ion Ratio Lower Upper  
79 100  
52 62.2 48.2 72.2  
51 44.5 33.2 49.8



#4  
n-Nitrosodimethylamine  
Concen: 54.56 ng  
RT: 3.806 min Scan# 79  
Delta R.T. -0.017 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37



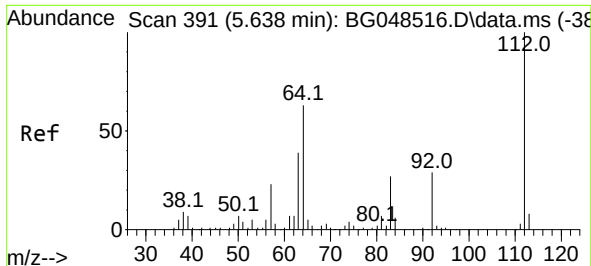
Tgt Ion: 42 Resp: 38991  
Ion Ratio Lower Upper  
42 100  
74 87.2 70.6 105.8  
44 4.4 3.5 5.3



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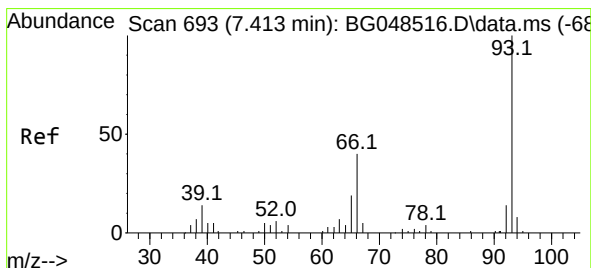
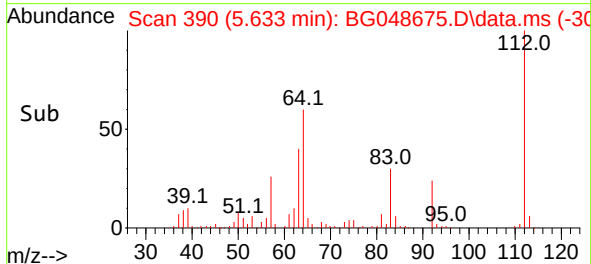
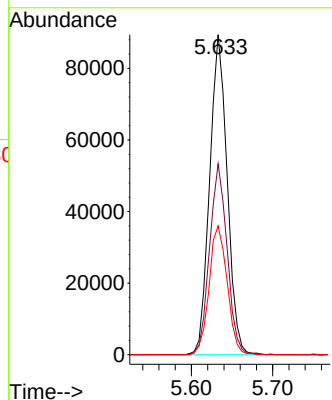
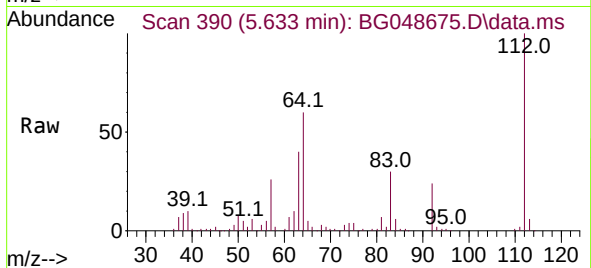
#5  
2-Fluorophenol  
Concen: 123.44 ng  
RT: 5.633 min Scan# 390  
Delta R.T. -0.006 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

Tgt Ion: 112 Resp: 133861  
Ion Ratio Lower Upper  
112 100  
64 59.7 50.4 75.6  
63 40.2 31.4 47.2

Instrument :  
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ClientSampleId :  
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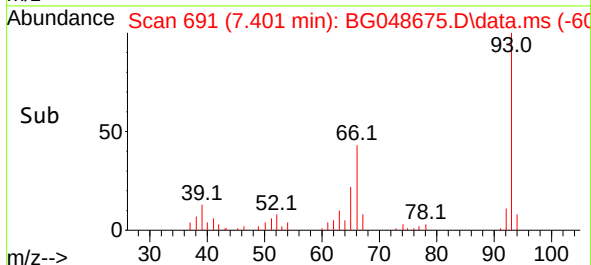
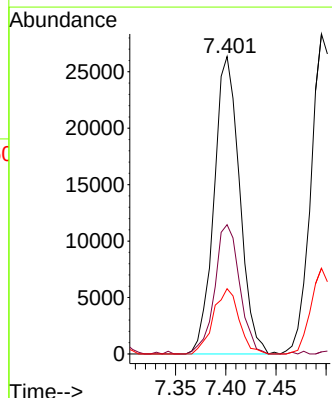
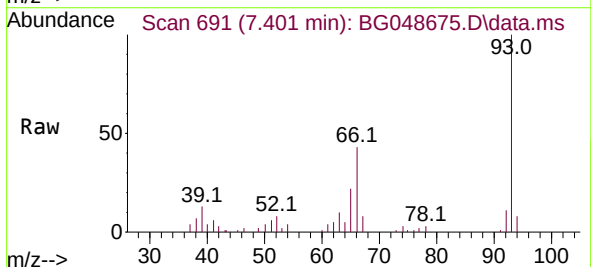
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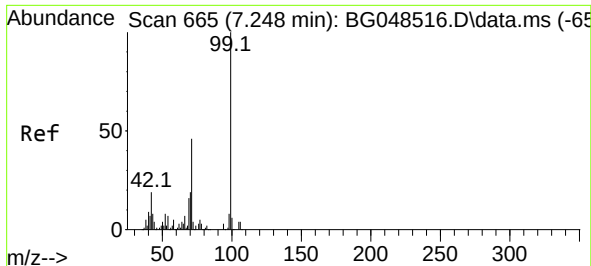
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#6  
Aniline  
Concen: 25.81 ng  
RT: 7.401 min Scan# 691  
Delta R.T. -0.011 min  
Lab File: BG048675.D  
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Tgt Ion: 93 Resp: 46613  
Ion Ratio Lower Upper  
93 100  
66 43.5 31.8 47.6  
65 21.9 15.2 22.8





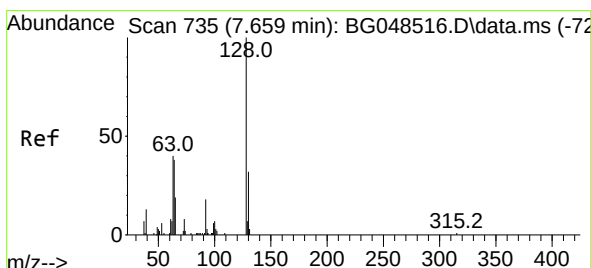
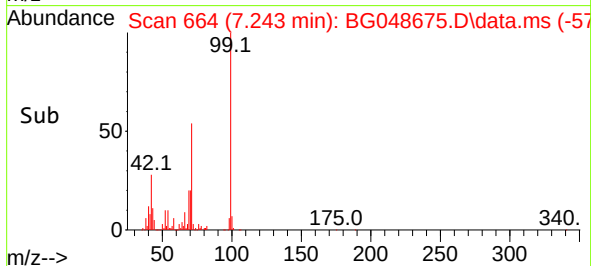
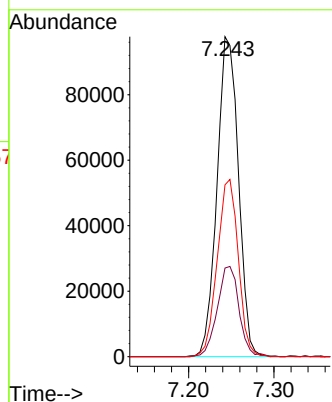
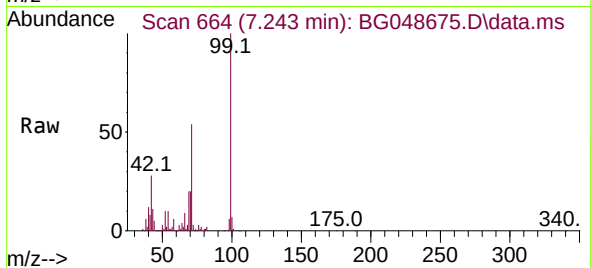
#7  
Phenol-d6  
Concen: 108.56 ng  
RT: 7.243 min Scan# 664  
Delta R.T. -0.006 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

Tgt Ion: 99 Resp: 170735  
Ion Ratio Lower Upper  
99 100  
42 27.7 15.5 23.3#  
71 53.7 36.6 54.8

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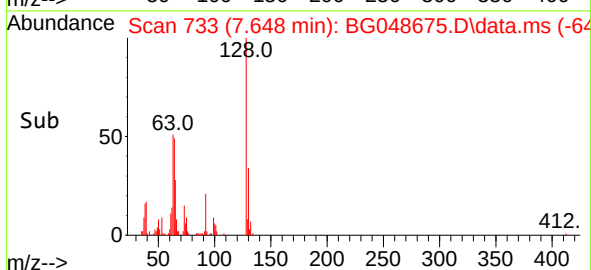
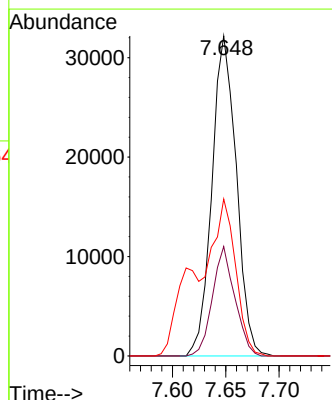
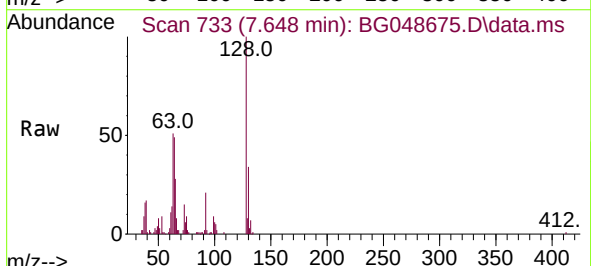
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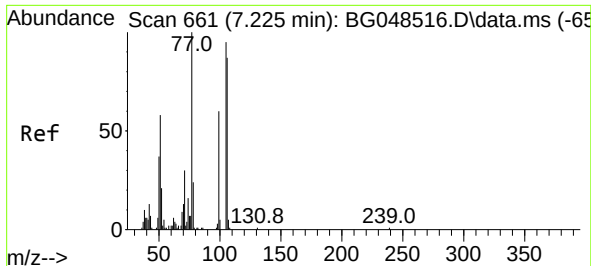
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#8  
2-Chlorophenol  
Concen: 41.74 ng  
RT: 7.648 min Scan# 733  
Delta R.T. -0.011 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

Tgt Ion: 128 Resp: 51154  
Ion Ratio Lower Upper  
128 100  
130 34.2 12.4 52.4  
64 49.1 27.6 67.6





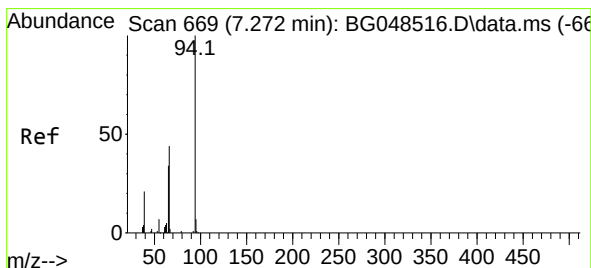
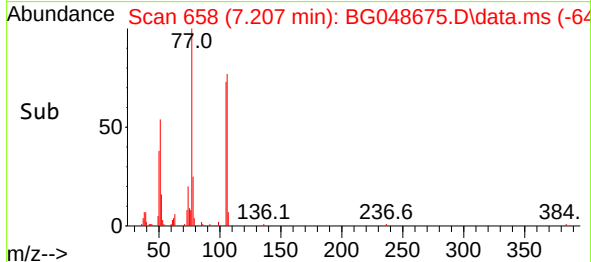
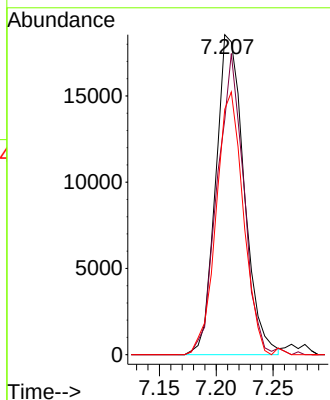
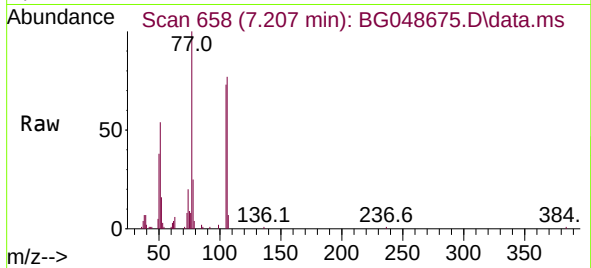
#9  
Benzaldehyde  
Concen: 31.98 ng  
RT: 7.207 min Scan# 658  
Delta R.T. -0.017 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

Tgt Ion: 77 Resp: 32154  
Ion Ratio Lower Upper  
77 100  
105 73.5 75.2 115.2#  
106 76.7 66.5 106.5

Instrument :  
BNA\_G  
ClientSampleId :  
PB135702BS

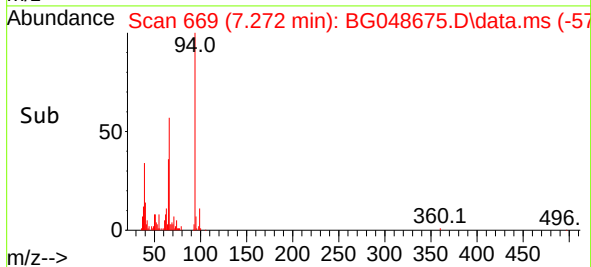
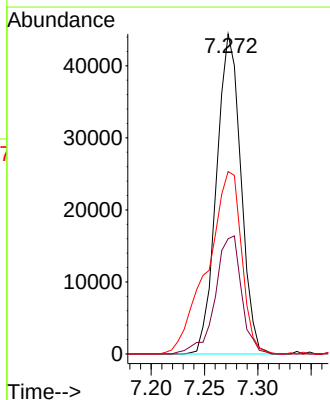
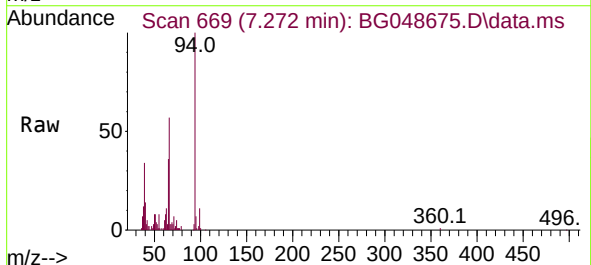
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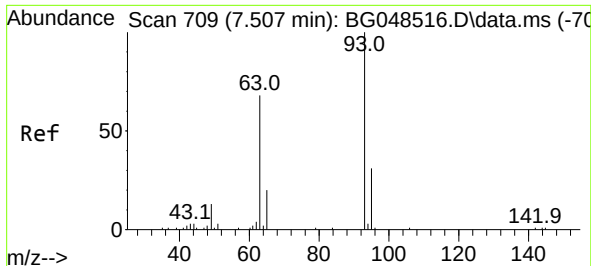


#10  
Phenol  
Concen: 44.65 ng  
RT: 7.272 min Scan# 669  
Delta R.T. 0.000 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

Tgt Ion: 94 Resp: 70309  
Ion Ratio Lower Upper  
94 100  
65 36.0 15.1 55.1  
66 57.0 28.9 68.9

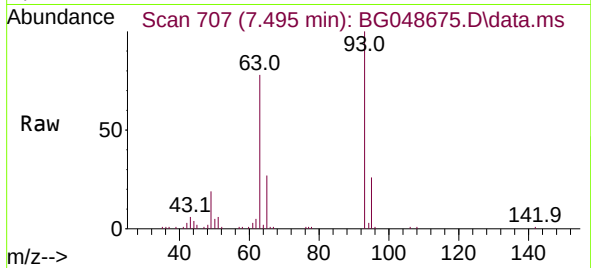






#11  
bis(2-Chloroethyl)ether  
Concen: 41.53 ng  
RT: 7.495 min Scan# 707  
Delta R.T. -0.011 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

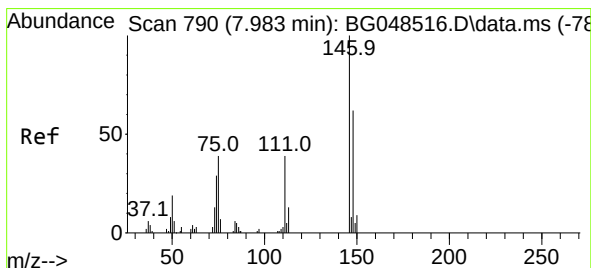
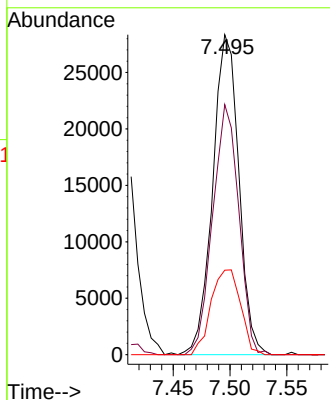
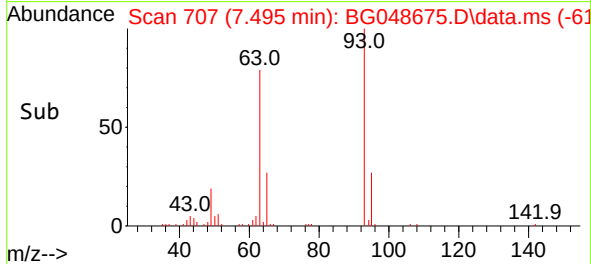
Instrument :  
BNA\_G  
ClientSampleId :  
PB135702BS



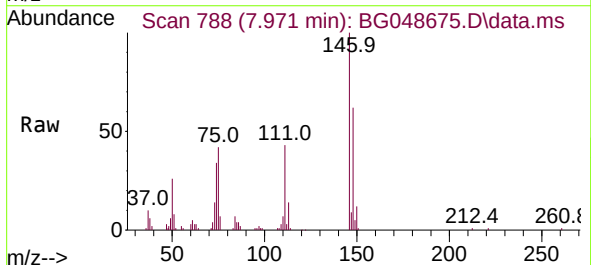
Tgt Ion: 93 Resp: 45375  
Ion Ratio Lower Upper  
93 100  
63 78.2 47.5 87.5  
95 26.4 11.1 51.1

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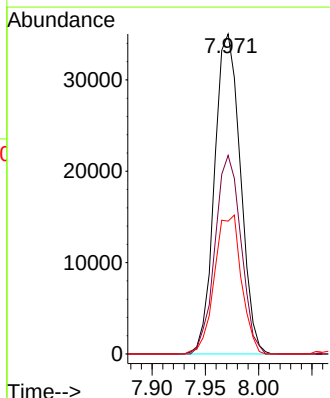
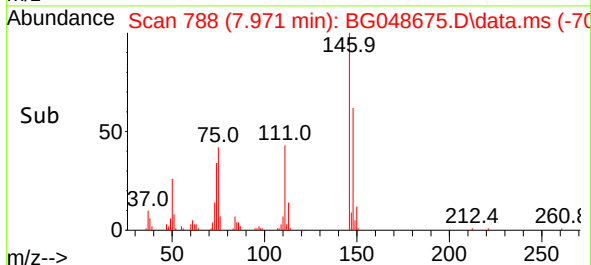
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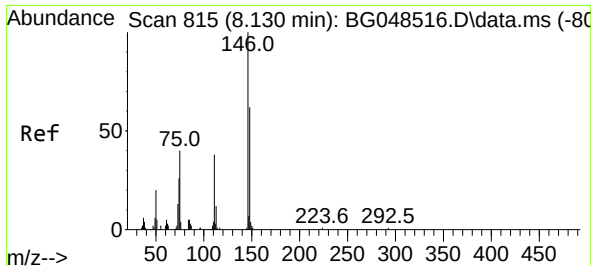


#12  
1,3-Dichlorobenzene  
Concen: 42.80 ng  
RT: 7.971 min Scan# 788  
Delta R.T. -0.011 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37



Tgt Ion: 146 Resp: 59084  
Ion Ratio Lower Upper  
146 100  
148 62.1 49.7 74.5  
75 41.5 30.9 46.3





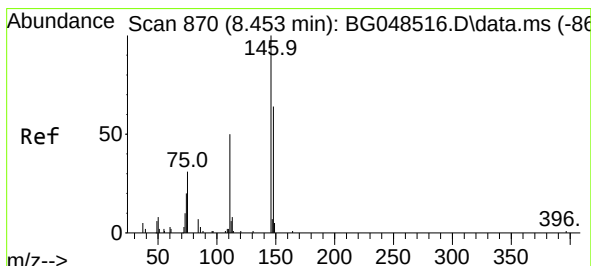
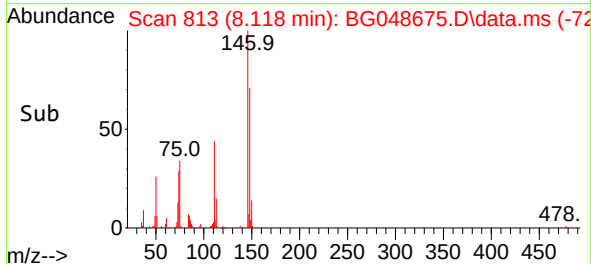
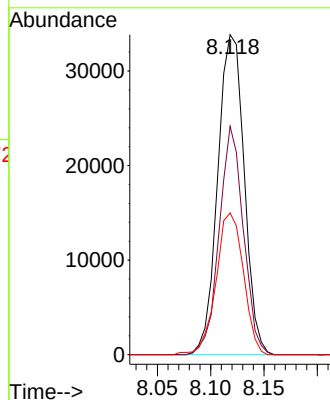
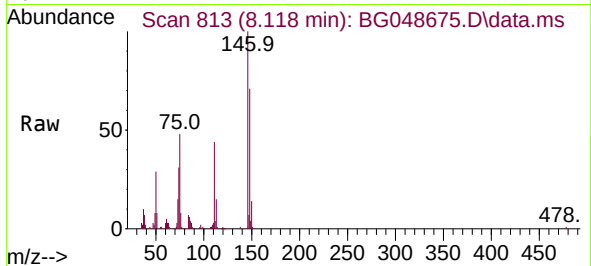
#13  
1,4-Dichlorobenzene  
Concen: 41.98 ng  
RT: 8.118 min Scan# 813  
Delta R.T. -0.011 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

Tgt Ion:146 Resp: 58439  
Ion Ratio Lower Upper  
146 100  
148 71.4 49.7 74.5  
111 44.3 30.5 45.7

Instrument :  
BNA\_G  
ClientSampleId :  
PB135702BS

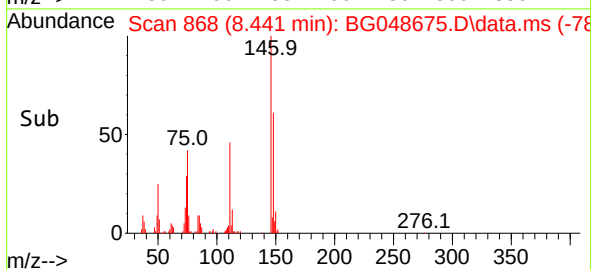
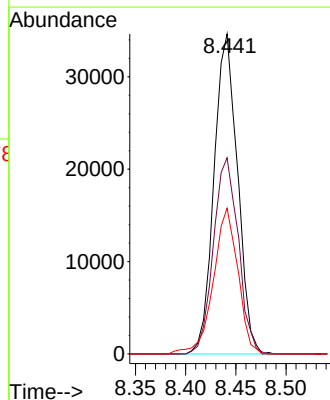
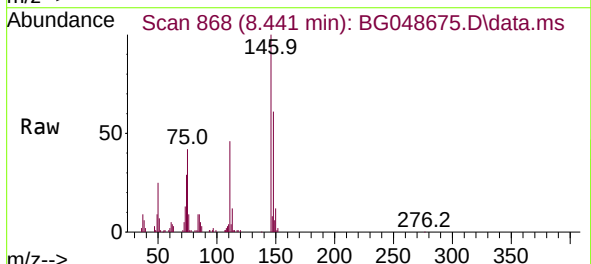
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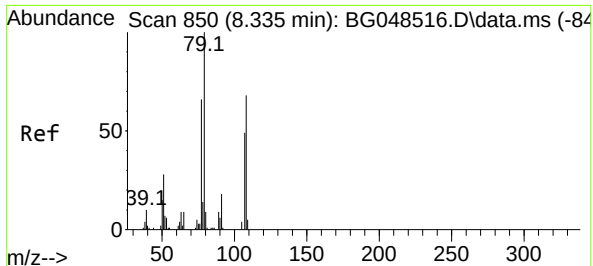
mohammad  
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#14  
1,2-Dichlorobenzene  
Concen: 42.28 ng  
RT: 8.441 min Scan# 868  
Delta R.T. -0.011 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

Tgt Ion:146 Resp: 56362  
Ion Ratio Lower Upper  
146 100  
148 61.3 51.5 77.3  
111 45.6 41.8 62.8





#15

Benzyl Alcohol

Concen: 45.84 ng

RT: 8.324 min Scan# 848

Delta R.T. -0.011 min

Lab File: BG048675.D

Acq: 13 Apr 2021 15:37

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 79    | Resp: | 59062 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 108       | 53.8  | 54.1  | 81.1# |
| 77        | 71.0  | 52.6  | 79.0  |

Instrument :

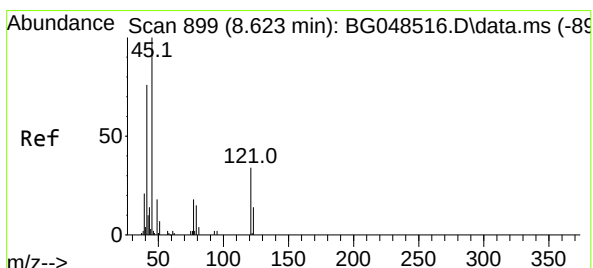
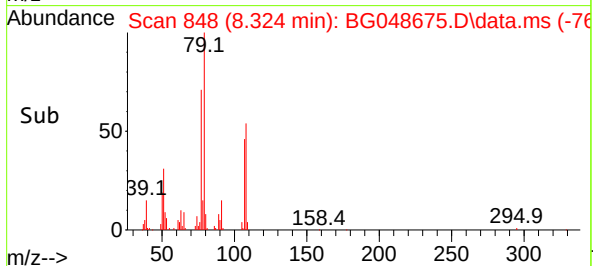
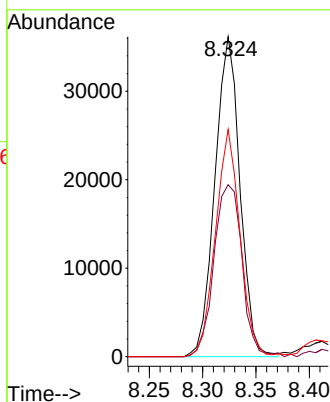
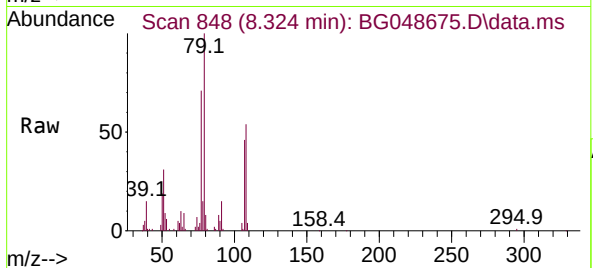
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ClientSampleId :

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.72 ng

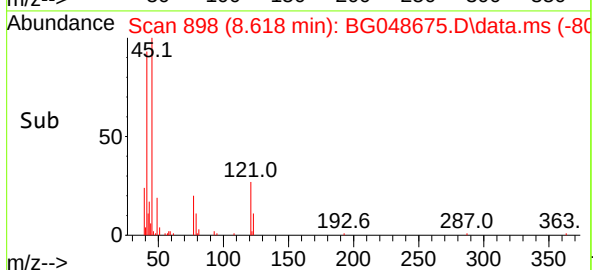
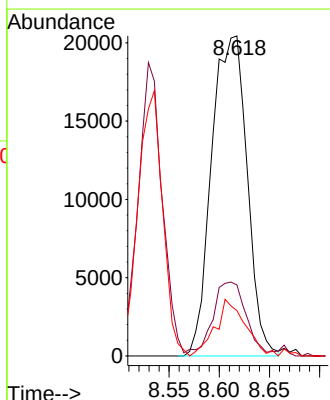
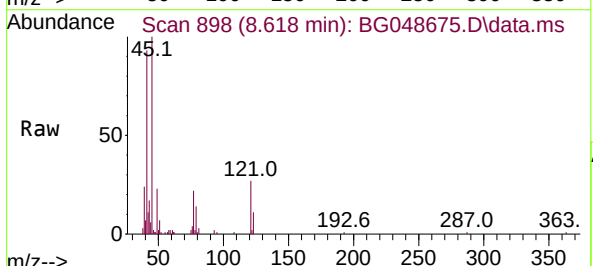
RT: 8.618 min Scan# 898

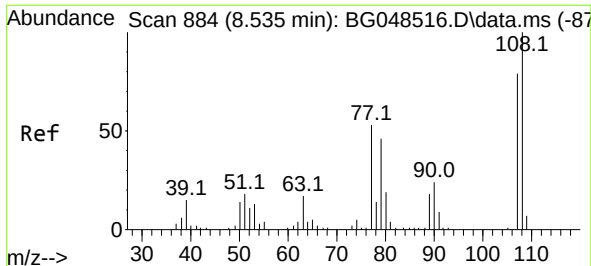
Delta R.T. -0.006 min

Lab File: BG048675.D

Acq: 13 Apr 2021 15:37

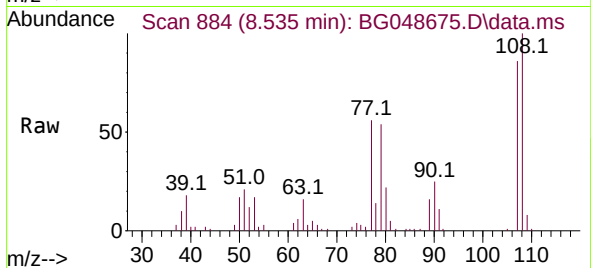
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 45    | Resp: | 50297 |
| Ion Ratio | Lower | Upper |       |
| 45        | 100   |       |       |
| 77        | 22.2  | 0.0   | 38.4  |
| 79        | 14.2  | 0.0   | 34.5  |





#17  
2-Methylphenol  
Concen: 42.40 ng  
RT: 8.535 min Scan# 884  
Delta R.T. 0.000 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

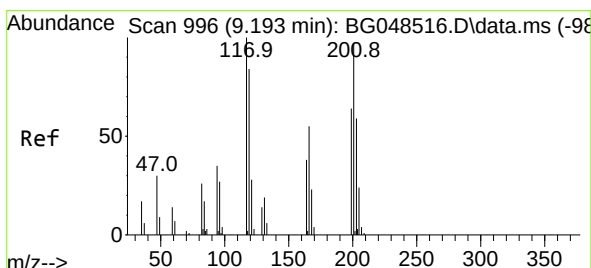
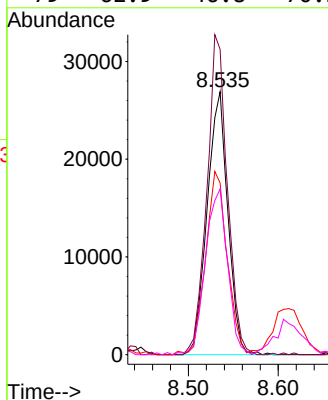
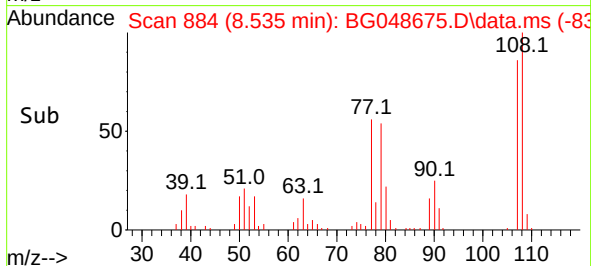
Instrument :  
BNA\_G  
ClientSampleId :  
PB135702BS



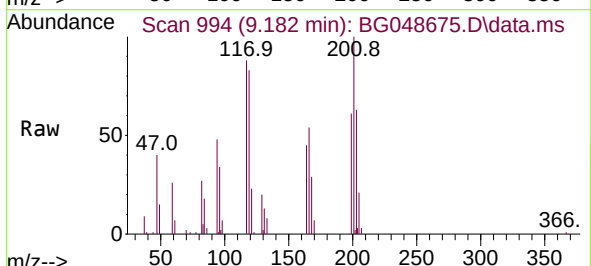
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 43199 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 116.0 | 101.7 | 152.5 |
| 77       | 65.2  | 54.4  | 81.6  |
| 79       | 62.9  | 46.8  | 70.2  |

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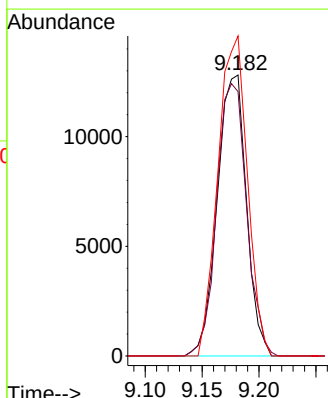
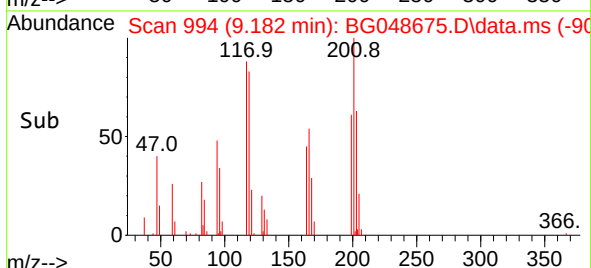
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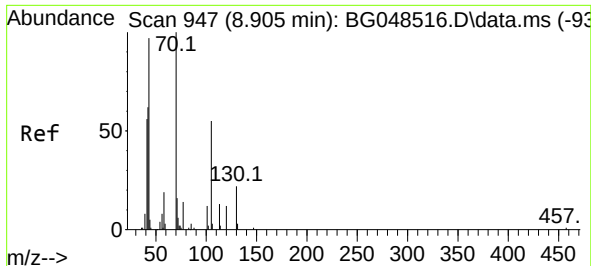


#18  
Hexachloroethane  
Concen: 44.14 ng  
RT: 9.182 min Scan# 994  
Delta R.T. -0.011 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37



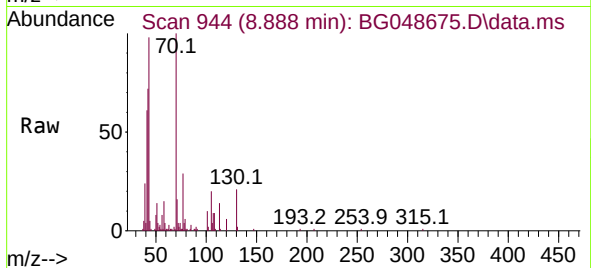
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 22832 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 94.1  | 67.0  | 100.6 |
| 201      | 113.9 | 79.8  | 119.6 |





#19  
n-Nitroso-di-n-propylamine  
Concen: 40.32 ng  
RT: 8.888 min Scan# 944  
Delta R.T. -0.017 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

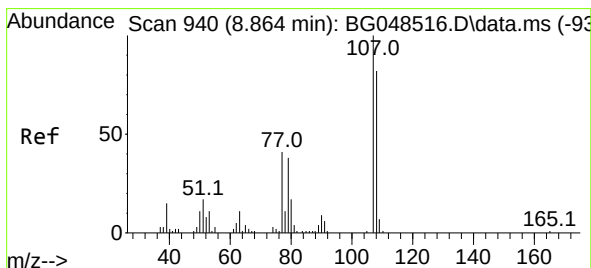
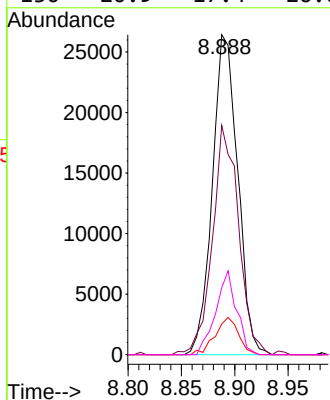
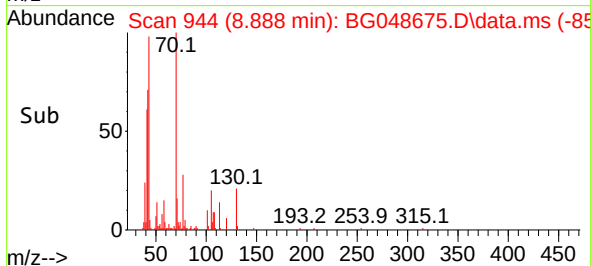
Instrument :  
BNA\_G  
ClientSampleId :  
PB135702BS



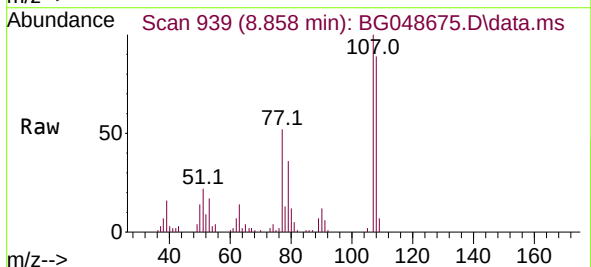
Tgt Ion: 70 Resp: 43710  
Ion Ratio Lower Upper  
70 100  
42 71.7 50.8 76.2  
101 9.6 9.7 14.5#  
130 20.9 17.4 26.0

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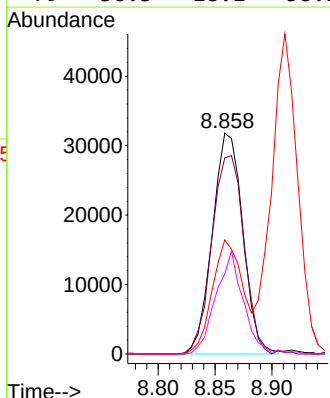
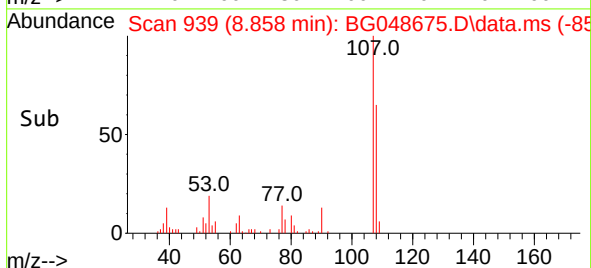
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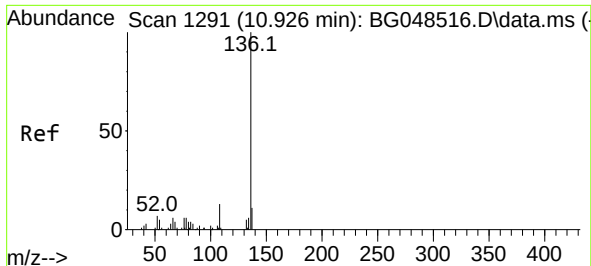


#20  
3+4-Methylphenols  
Concen: 41.89 ng  
RT: 8.858 min Scan# 939  
Delta R.T. -0.006 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37



Tgt Ion: 107 Resp: 59238  
Ion Ratio Lower Upper  
107 100  
108 88.8 62.3 102.3  
77 51.7 21.3 61.3  
79 36.3 18.1 58.1





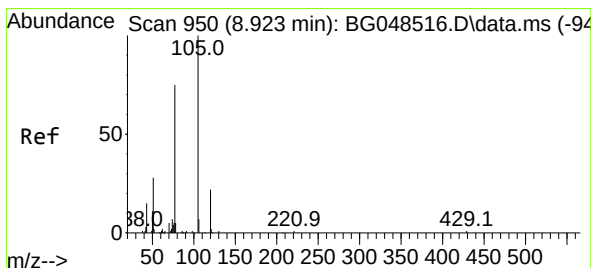
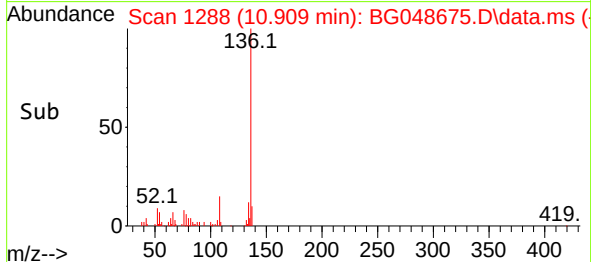
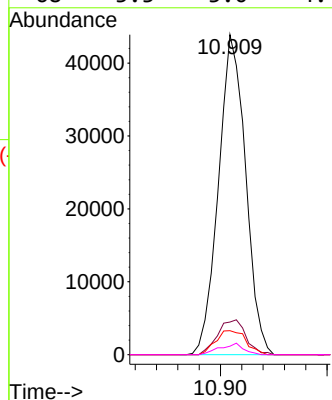
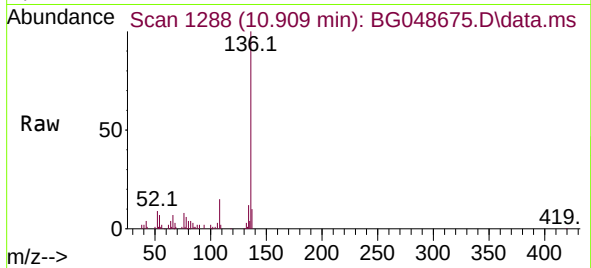
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.909 min Scan# 1288  
Delta R.T. -0.017 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 77398 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 10.2  | 8.6   | 12.8  |
| 54        | 7.5   | 4.2   | 6.4#  |
| 68        | 3.3   | 3.0   | 4.4   |

Instrument :  
BNA\_G  
ClientSampleId :  
PB135702BS

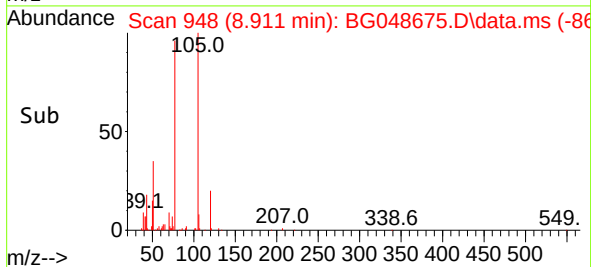
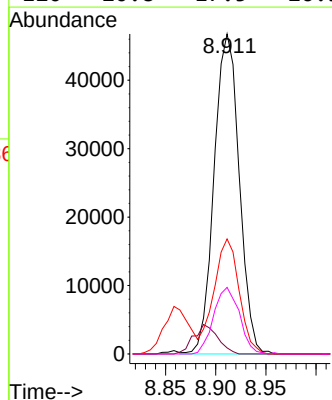
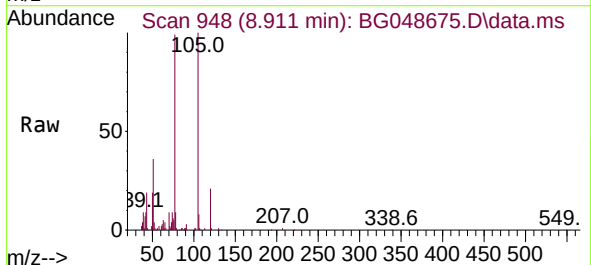
Manual Integrations  
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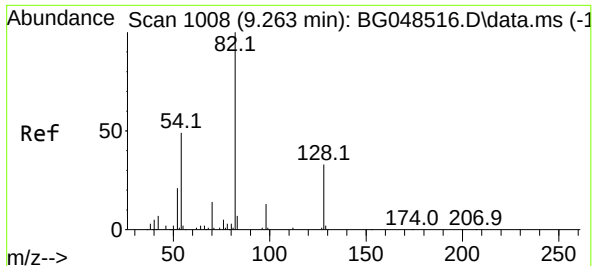
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#22  
Acetophenone  
Concen: 40.66 ng  
RT: 8.911 min Scan# 948  
Delta R.T. -0.011 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 81143 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 71        | 1.9   | 1.1   | 1.7#  |
| 51        | 36.0  | 26.1  | 39.1  |
| 120       | 20.8  | 17.5  | 26.3  |





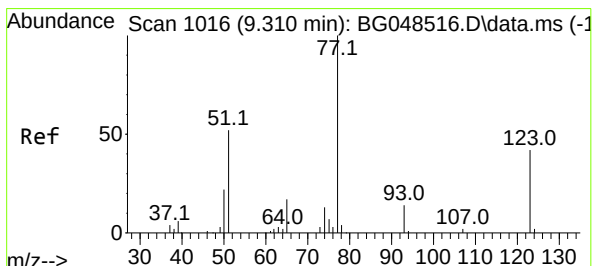
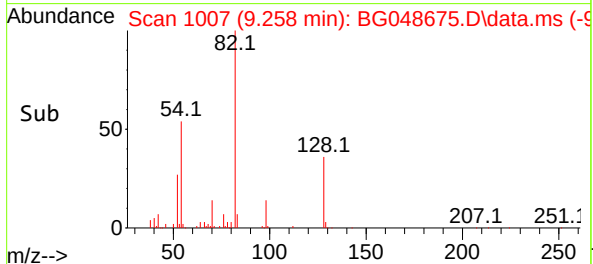
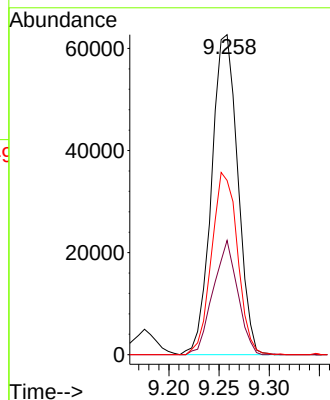
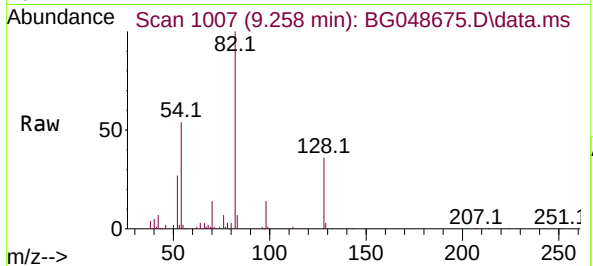
#23  
Nitrobenzene-d5  
Concen: 71.21 ng  
RT: 9.258 min Scan# 1007  
Delta R.T. -0.006 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

Tgt Ion: 82 Resp: 113836  
Ion Ratio Lower Upper  
82 100  
128 35.7 26.2 39.4  
54 54.5 38.9 58.3

Instrument :  
BNA\_G  
ClientSampled :  
PB135702BS

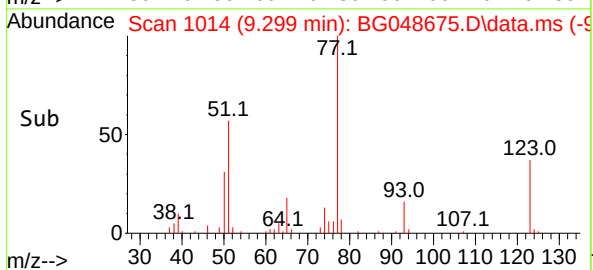
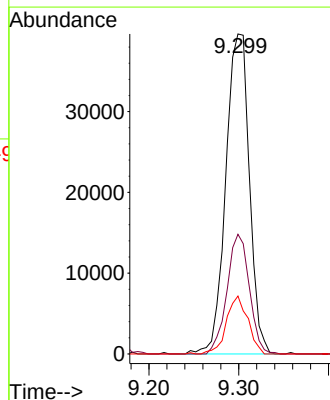
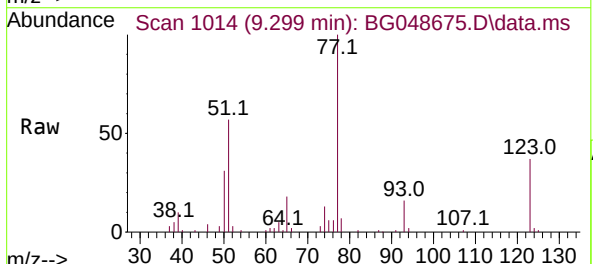
Manual Integrations  
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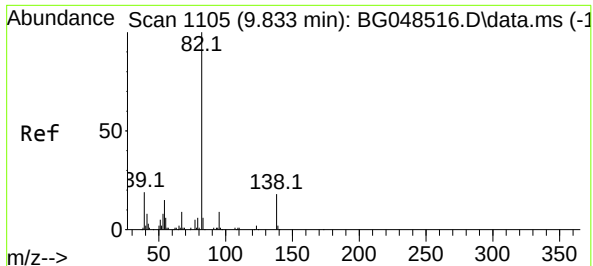
mohammad  
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#24  
Nitrobenzene  
Concen: 46.08 ng  
RT: 9.299 min Scan# 1014  
Delta R.T. -0.011 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

Tgt Ion: 77 Resp: 72290  
Ion Ratio Lower Upper  
77 100  
123 37.4 33.4 50.2  
65 18.1 13.3 19.9





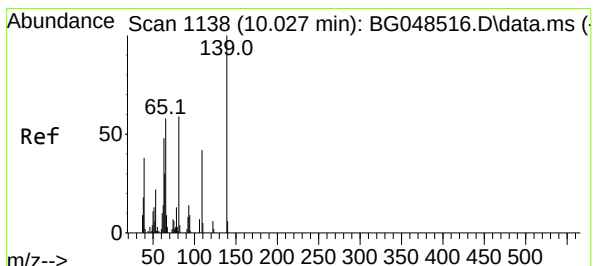
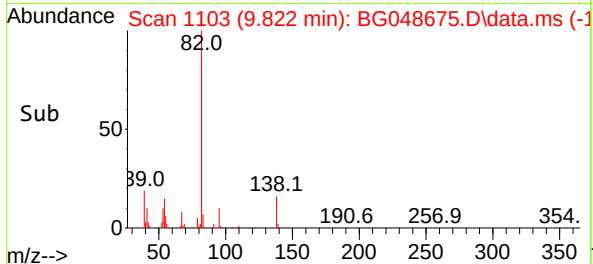
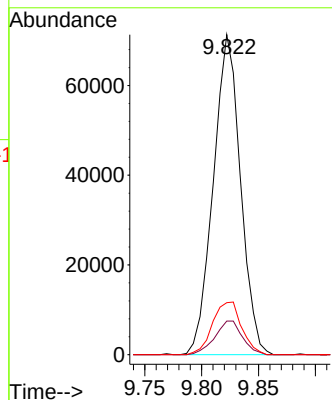
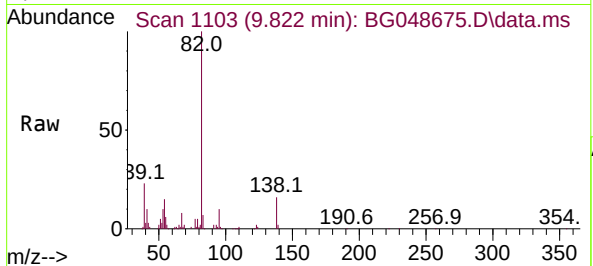
#25  
Isophorone  
Concen: 40.23 ng  
RT: 9.822 min Scan# 1103  
Delta R.T. -0.011 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

Tgt Ion: 82 Resp: 118768  
Ion Ratio Lower Upper  
82 100  
95 10.5 7.1 10.7  
138 16.2 14.8 22.2

Instrument :  
BNA\_G  
ClientSampleId :  
PB135702BS

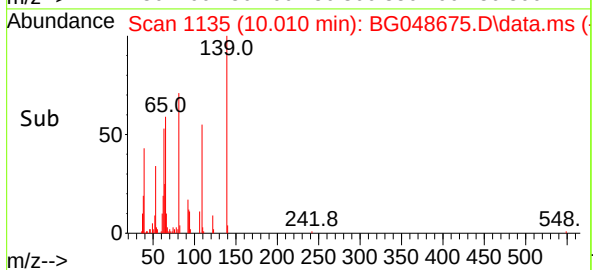
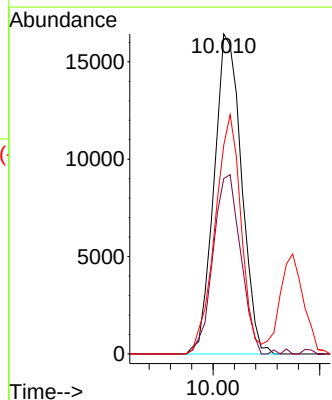
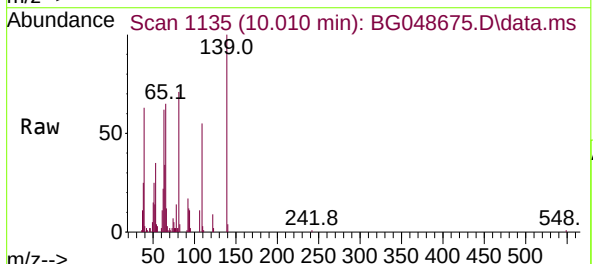
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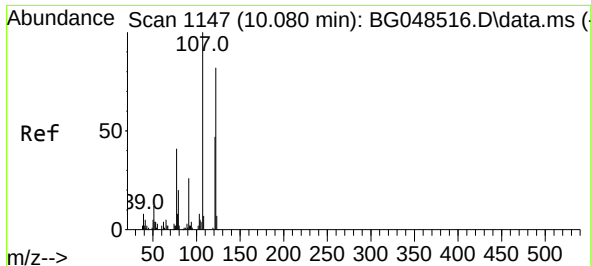


#26  
2-Nitrophenol  
Concen: 40.62 ng  
RT: 10.010 min Scan# 1135  
Delta R.T. -0.017 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

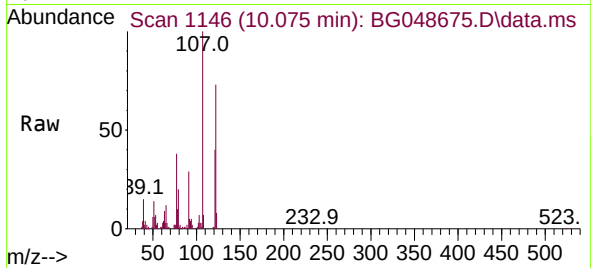
Tgt Ion: 139 Resp: 29280  
Ion Ratio Lower Upper  
139 100  
109 54.8 33.7 50.5#  
65 65.2 46.8 70.2



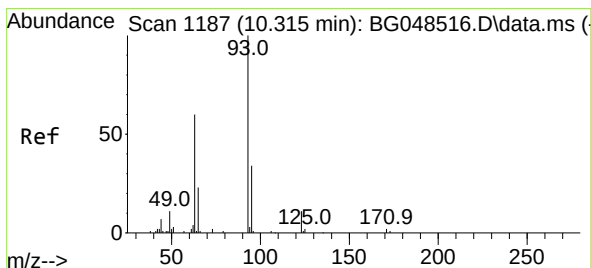
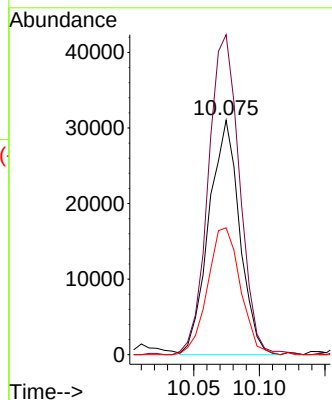
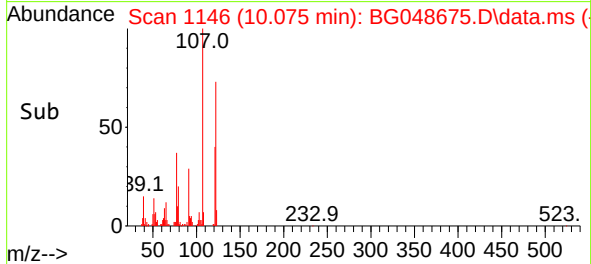




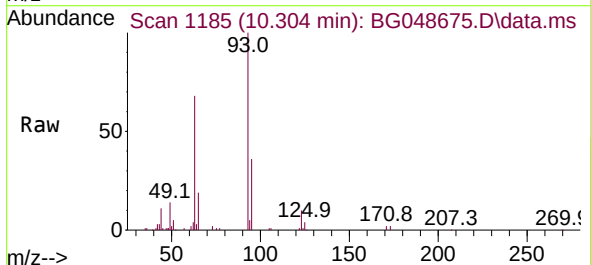
#27  
2,4-Dimethylphenol  
Concen: 44.51 ng  
RT: 10.075 min Scan# 1146  
Delta R.T. -0.006 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37



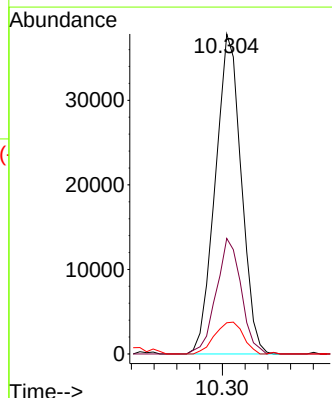
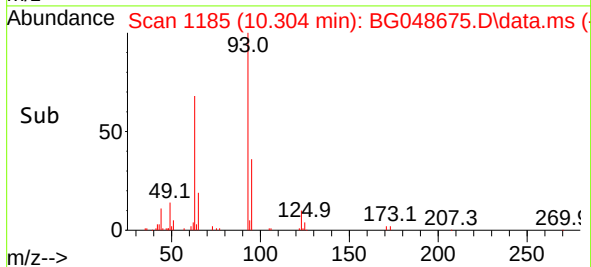
Tgt Ion:122 Resp: 50487  
Ion Ratio Lower Upper  
122 100  
107 136.6 96.6 145.0  
121 54.1 45.3 67.9



#28  
bis(2-Chloroethoxy)methane  
Concen: 44.28 ng  
RT: 10.304 min Scan# 1185  
Delta R.T. -0.011 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37



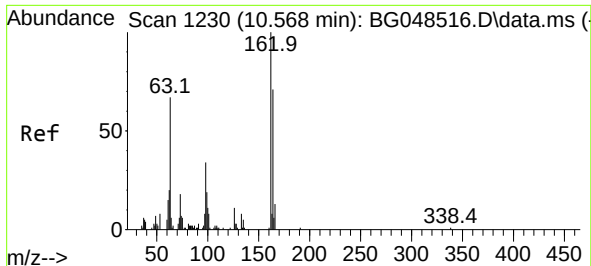
Tgt Ion: 93 Resp: 59920  
Ion Ratio Lower Upper  
93 100  
95 36.1 27.0 40.6  
123 9.7 9.0 13.6



Instrument :  
BNA\_G  
ClientSampleId :  
PB135702BS

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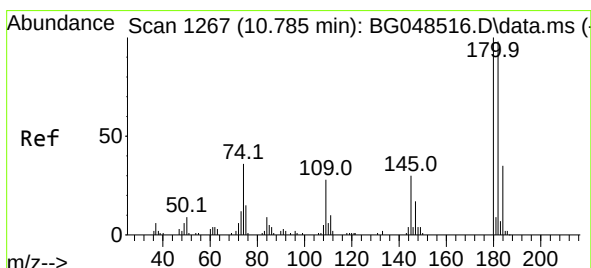
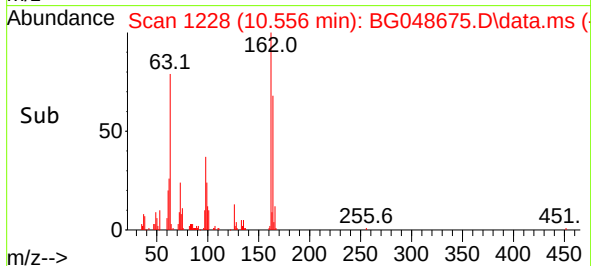
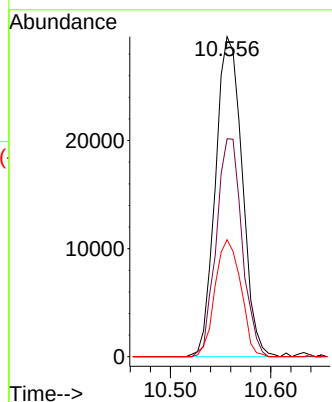
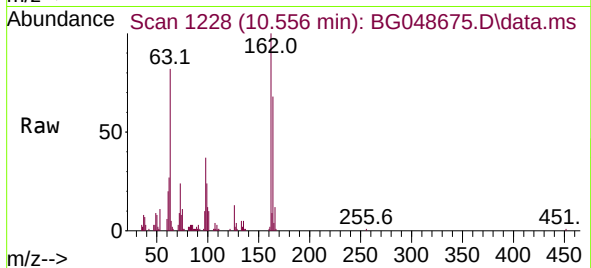
#29  
2,4-Dichlorophenol  
Concen: 42.60 ng  
RT: 10.556 min Scan# 1228  
Delta R.T. -0.011 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 68.1  | 51.2  | 91.2  |
| 98      | 36.5  | 13.6  | 53.6  |

Instrument :  
BNA\_G  
ClientSampleId :  
PB135702BS

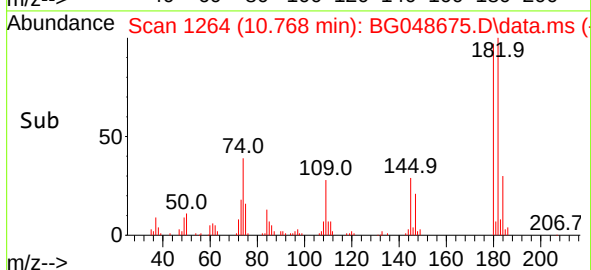
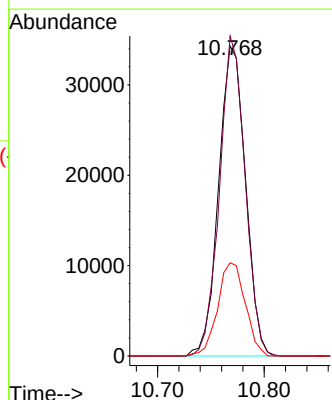
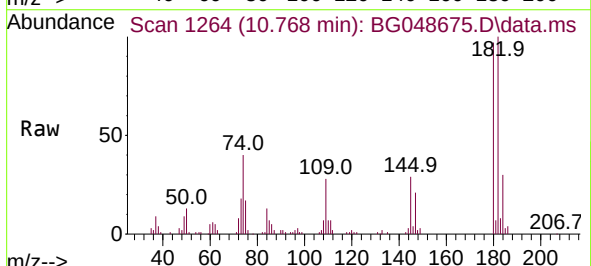
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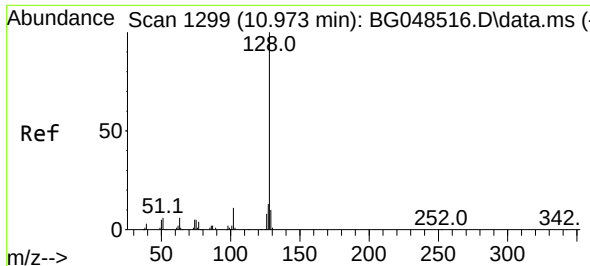
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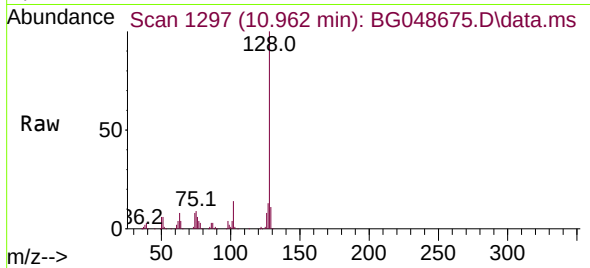
#30  
1,2,4-Trichlorobenzene  
Concen: 40.70 ng  
RT: 10.768 min Scan# 1264  
Delta R.T. -0.017 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 103.2 | 78.8  | 118.2 |
| 145     | 30.0  | 24.0  | 36.0  |

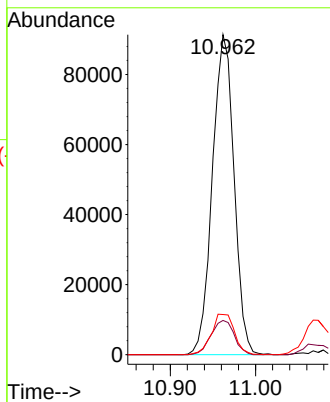
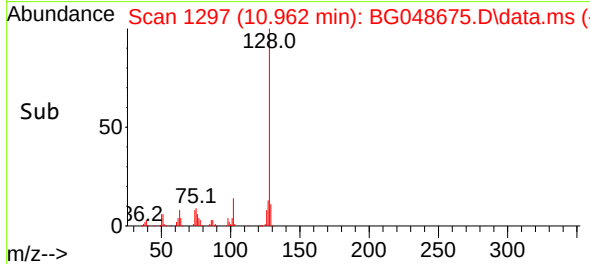




#31  
Naphthalene  
Concen: 40.48 ng  
RT: 10.962 min Scan# 1297  
Delta R.T. -0.011 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37



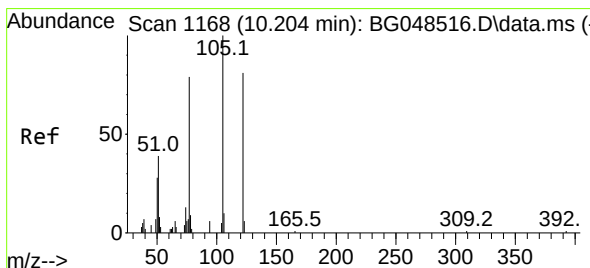
Tgt Ion:128 Resp: 161109  
Ion Ratio Lower Upper  
128 100  
129 10.7 8.2 12.2  
127 12.6 10.6 16.0



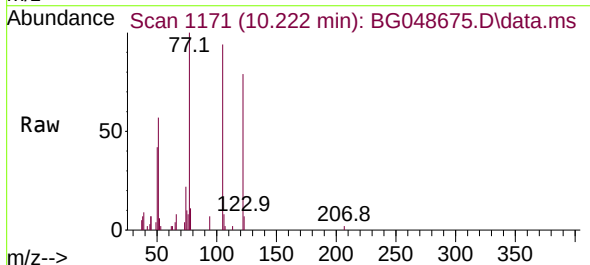
Instrument :  
BNA\_G  
ClientSampleId :  
PB135702BS

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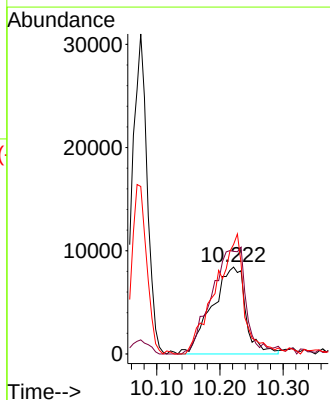
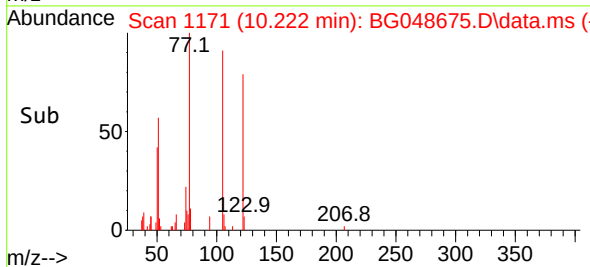
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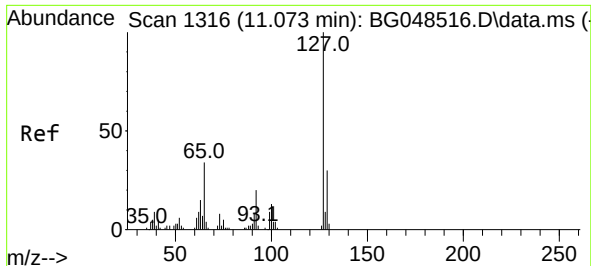


#32  
Benzoic acid  
Concen: 35.73 ng  
RT: 10.222 min Scan# 1171  
Delta R.T. 0.018 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37



Tgt Ion:122 Resp: 31178  
Ion Ratio Lower Upper  
122 100  
105 118.0 97.1 137.1  
77 125.9 76.8 116.8#





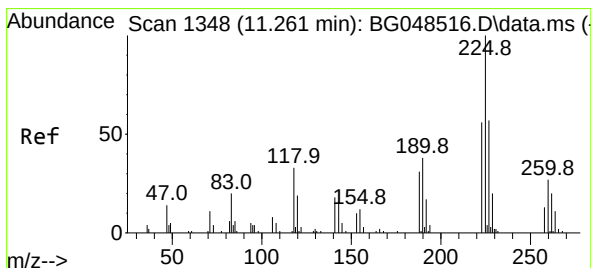
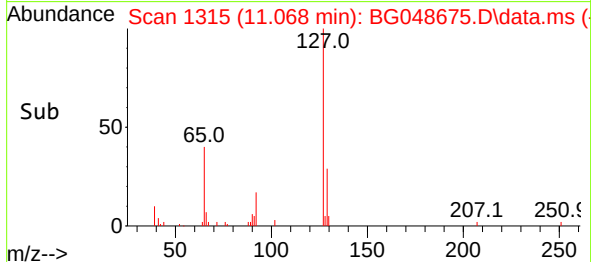
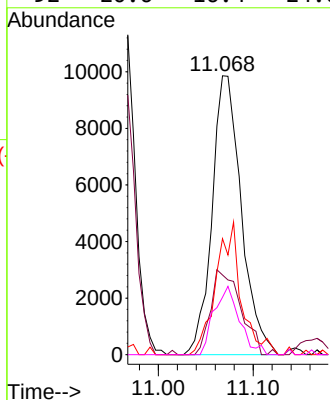
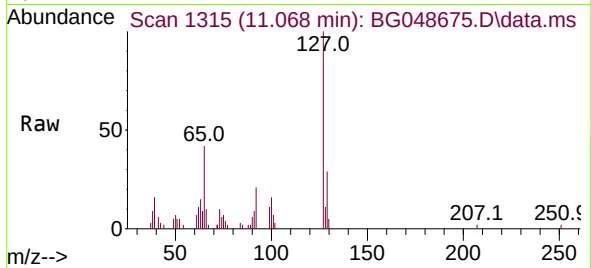
#33  
4-Chloroaniline  
Concen: 12.58 ng  
RT: 11.068 min Scan# 1315  
Delta R.T. -0.006 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 28.6  | 24.3  | 36.5  |
| 65      | 41.6  | 27.0  | 40.4# |
| 92      | 20.6  | 16.4  | 24.6  |

Instrument :  
BNA\_G  
ClientSampled :  
PB135702BS

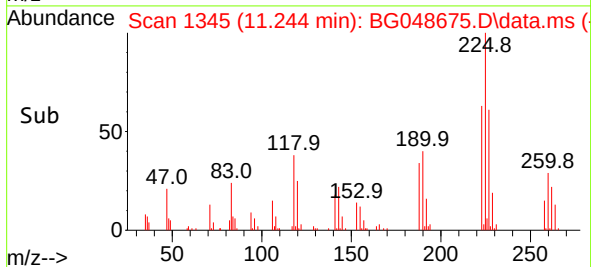
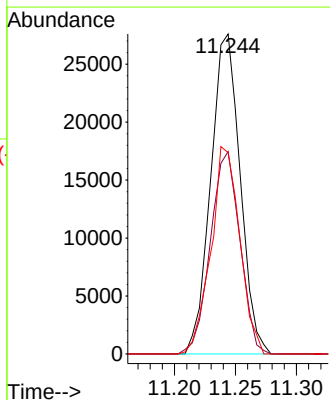
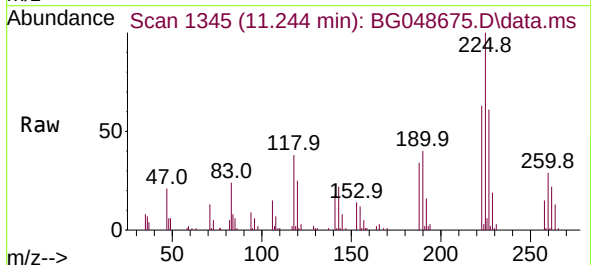
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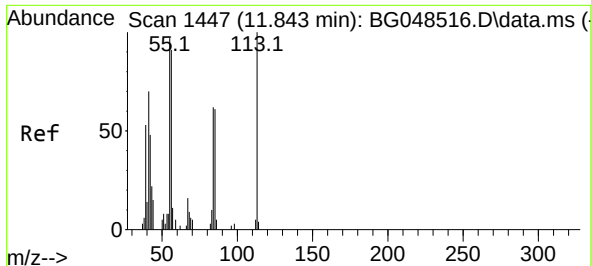
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#34  
Hexachlorobutadiene  
Concen: 42.98 ng  
RT: 11.244 min Scan# 1345  
Delta R.T. -0.017 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

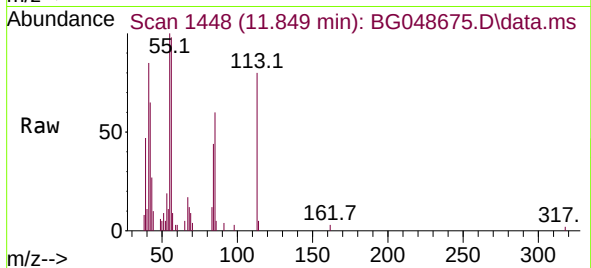
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 59.6  | 44.8  | 67.2  |
| 227     | 59.3  | 45.4  | 68.0  |





#35  
Caprolactam  
Concen: 39.98 ng m  
RT: 11.849 min Scan# 1448  
Delta R.T. 0.006 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

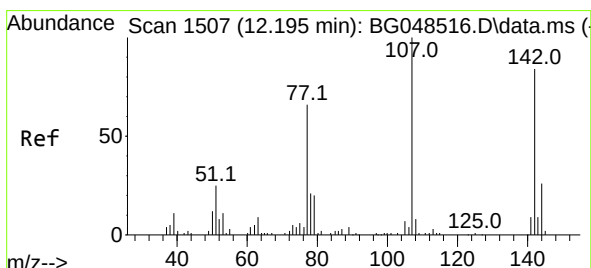
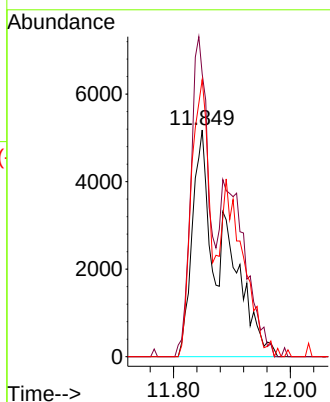
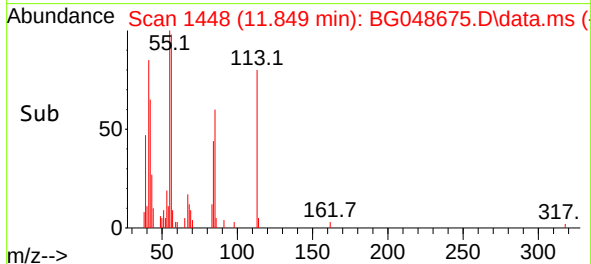
Instrument :  
BNA\_G  
ClientSampleId :  
PB135702BS



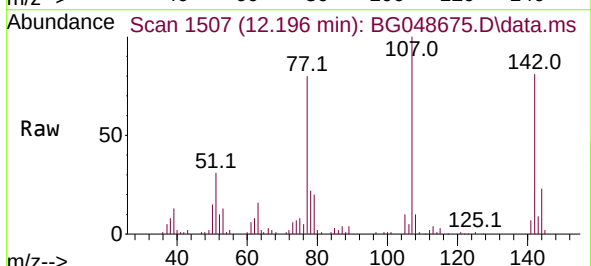
Tgt Ion:113 Resp: 18735  
Ion Ratio Lower Upper  
113 100  
55 124.7 76.8 116.8#  
56 122.2 71.1 111.1#

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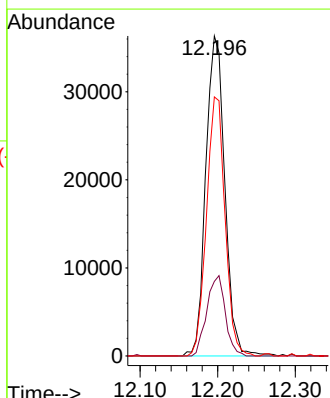
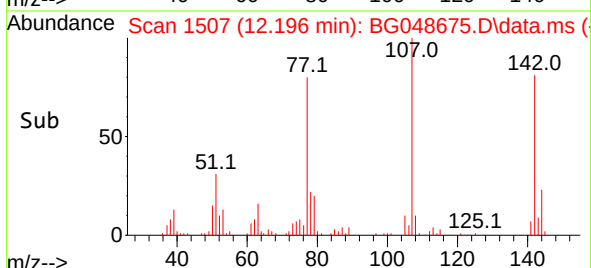
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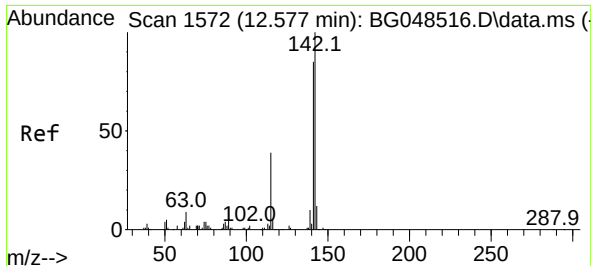


#36  
4-Chloro-3-methylphenol  
Concen: 43.06 ng  
RT: 12.196 min Scan# 1507  
Delta R.T. 0.000 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37



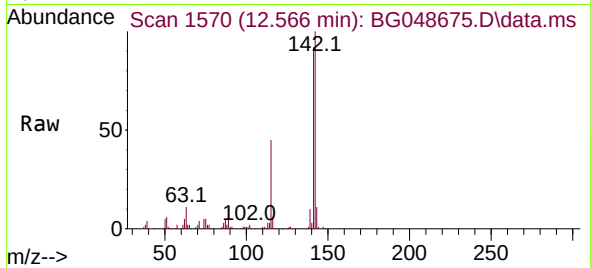
Tgt Ion:107 Resp: 62100  
Ion Ratio Lower Upper  
107 100  
144 23.3 20.6 31.0  
142 81.0 67.0 100.6





#37  
2-Methylnaphthalene  
Concen: 40.48 ng  
RT: 12.566 min Scan# 1570  
Delta R.T. -0.011 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

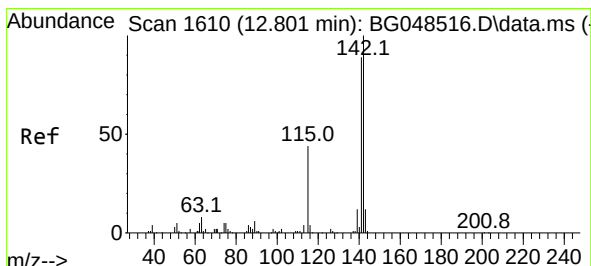
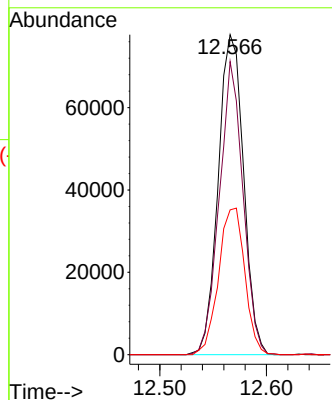
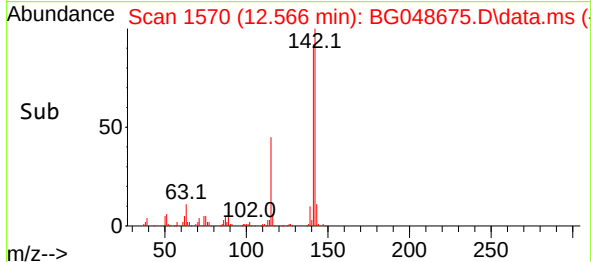
Instrument :  
BNA\_G  
ClientSampleId :  
PB135702BS



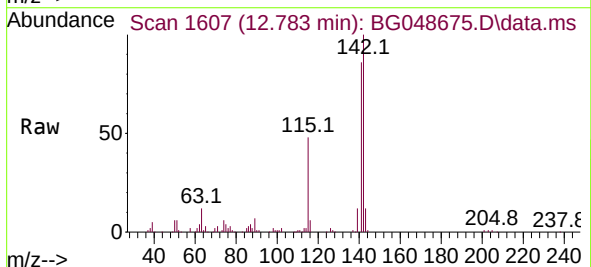
Tgt Ion:142 Resp: 128250  
Ion Ratio Lower Upper  
142 100  
141 91.6 68.2 102.4  
115 45.2 30.8 46.2

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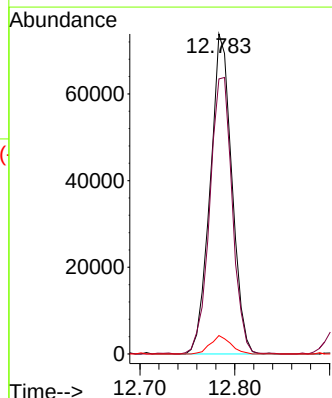
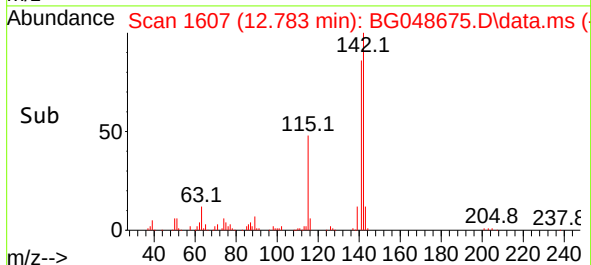
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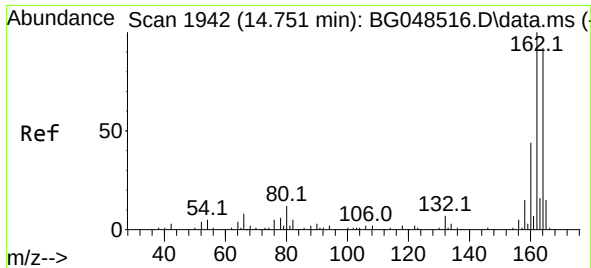


#38  
1-Methylnaphthalene  
Concen: 38.82 ng  
RT: 12.783 min Scan# 1607  
Delta R.T. -0.017 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37



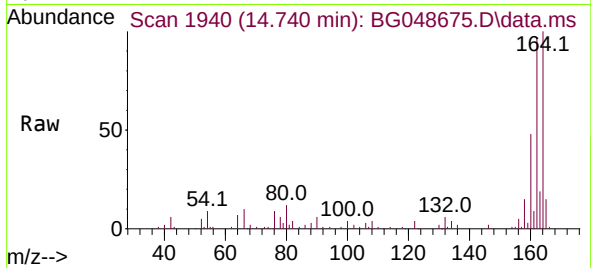
Tgt Ion:142 Resp: 117279  
Ion Ratio Lower Upper  
142 100  
141 86.0 71.2 106.8  
116 5.7 3.4 5.0#





#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.740 min Scan# 1940  
Delta R.T. -0.011 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

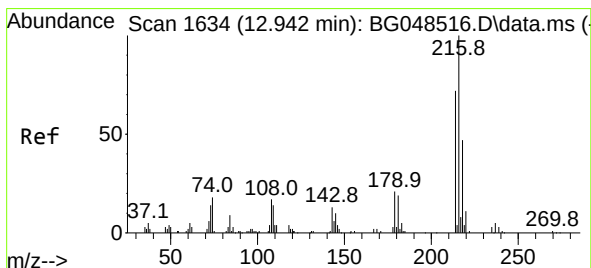
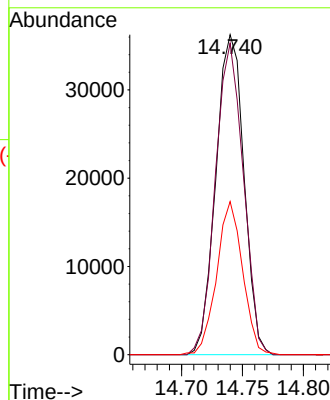
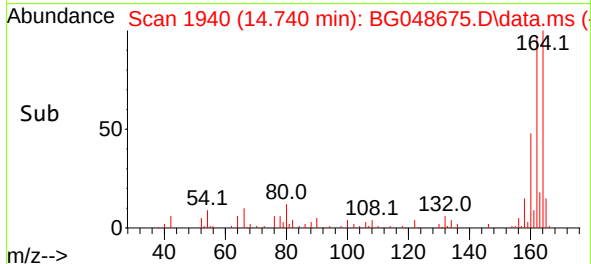
Instrument :  
BNA\_G  
ClientSampleId :  
PB135702BS



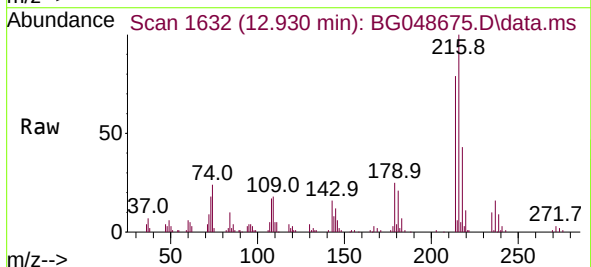
Tgt Ion:164 Resp: 58153  
Ion Ratio Lower Upper  
164 100  
162 97.4 87.0 130.6  
160 47.8 38.4 57.6

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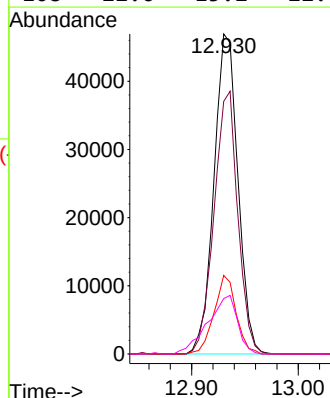
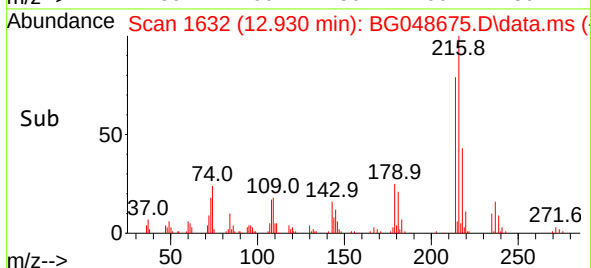
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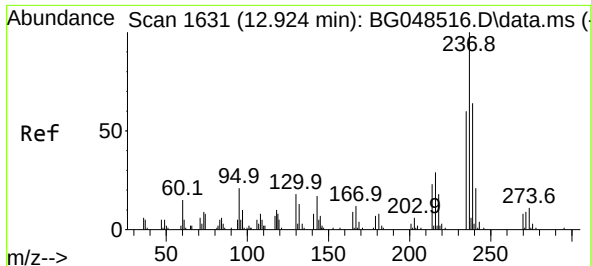


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 40.60 ng  
RT: 12.930 min Scan# 1632  
Delta R.T. -0.011 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37



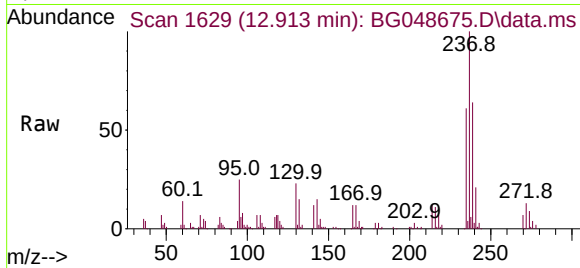
Tgt Ion:216 Resp: 73191  
Ion Ratio Lower Upper  
216 100  
214 81.3 61.1 91.7  
179 22.6 17.3 25.9  
108 22.6 15.2 22.8





#41  
Hexachlorocyclopentadiene  
Concen: 86.07 ng  
RT: 12.913 min Scan# 1629  
Delta R.T. -0.011 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

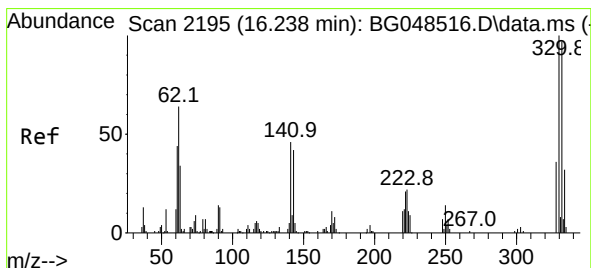
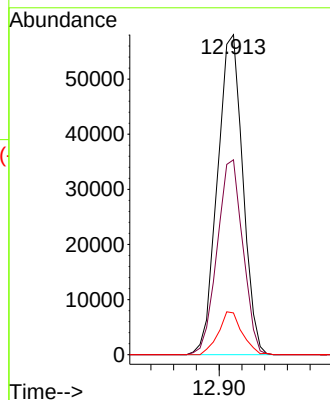
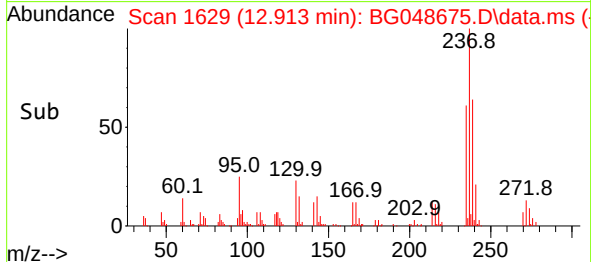
Instrument :  
BNA\_G  
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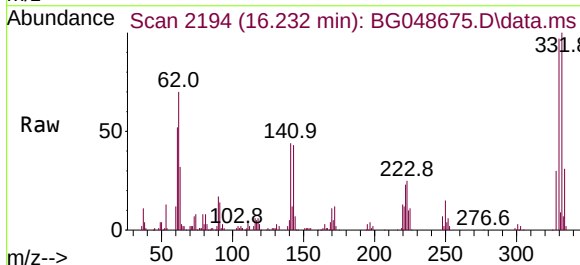
Tgt Ion:237 Resp: 89887  
Ion Ratio Lower Upper  
237 100  
235 60.9 39.7 79.7  
272 13.0 0.0 28.8

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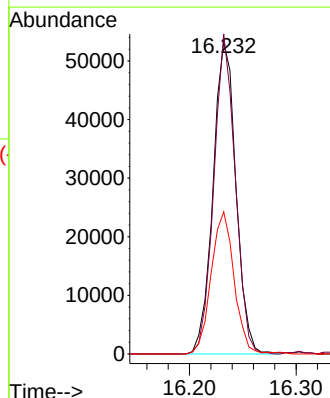
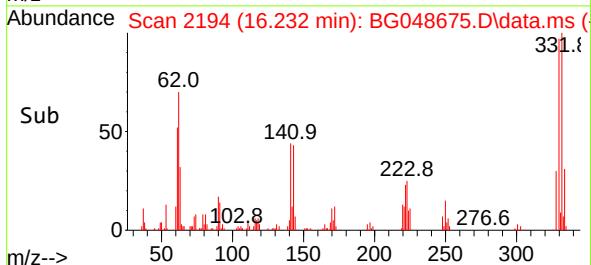
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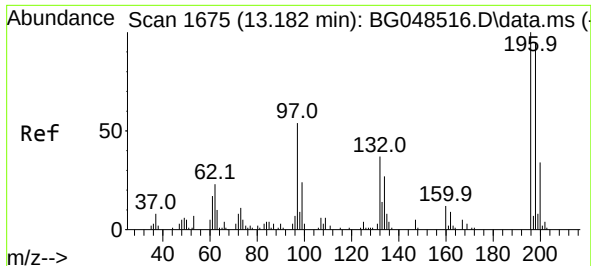
#42  
2,4,6-Tribromophenol  
Concen: 104.03 ng  
RT: 16.232 min Scan# 2194  
Delta R.T. -0.006 min  
Lab File: BG048675.D  
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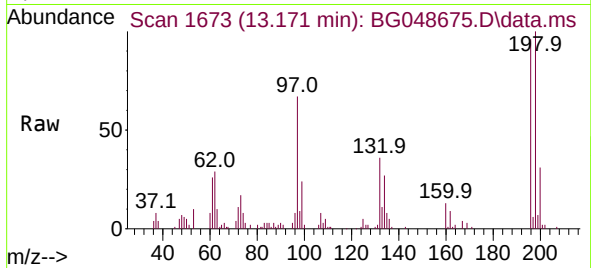
Tgt Ion:330 Resp: 79522  
Ion Ratio Lower Upper  
330 100  
332 95.4 77.6 116.4  
141 45.8 34.6 52.0



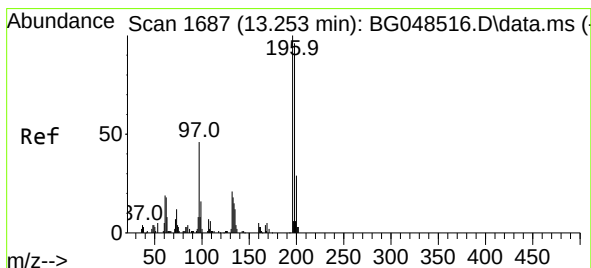
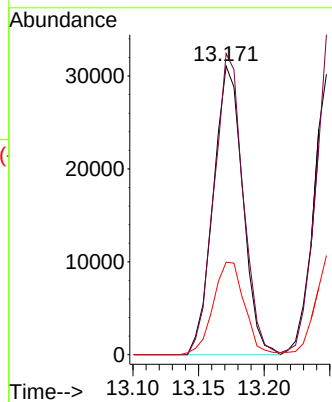
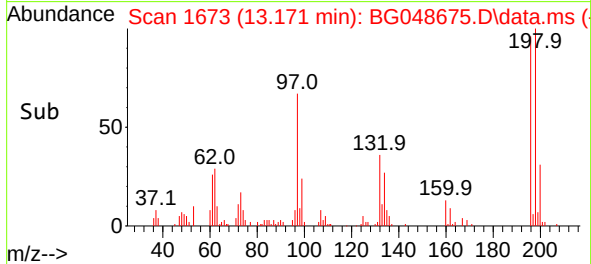




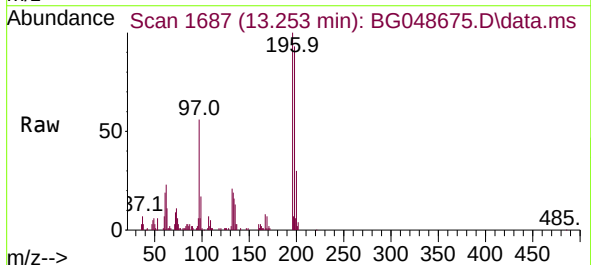
#43  
2,4,6-Trichlorophenol  
Concen: 39.26 ng  
RT: 13.171 min Scan# 1673  
Delta R.T. -0.011 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37



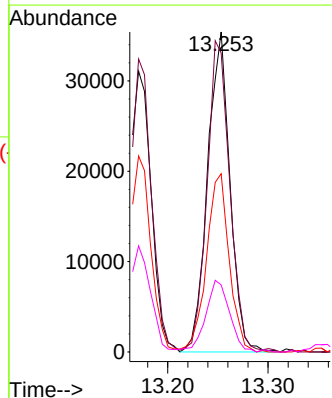
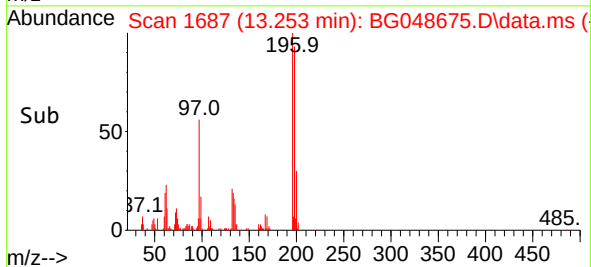
Tgt Ion:196 Resp: 48647  
Ion Ratio Lower Upper  
196 100  
198 104.3 75.8 113.6  
200 32.1 27.0 40.6



#44  
2,4,5-Trichlorophenol  
Concen: 41.45 ng  
RT: 13.253 min Scan# 1687  
Delta R.T. 0.000 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37



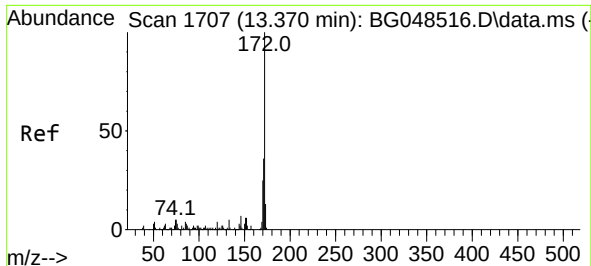
Tgt Ion:196 Resp: 54947  
Ion Ratio Lower Upper  
196 100  
198 93.4 77.1 115.7  
97 55.7 37.5 56.3  
132 20.9 17.3 25.9



Instrument :  
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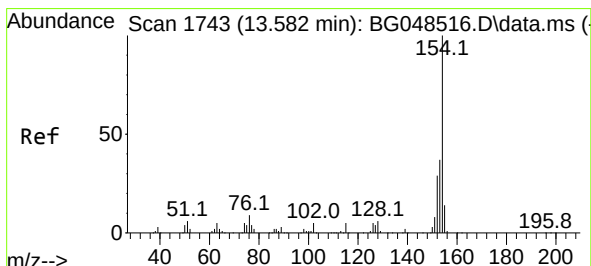
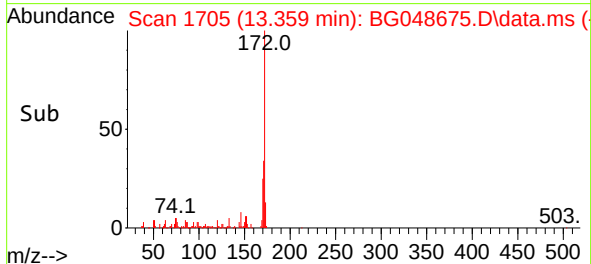
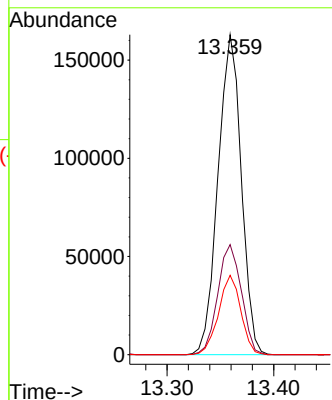
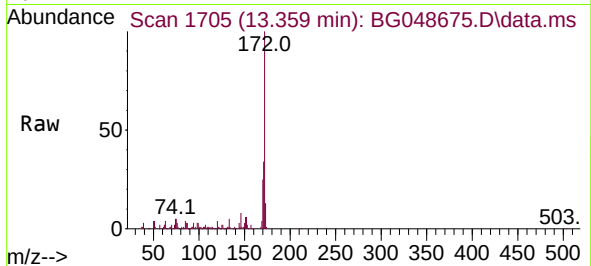
#45  
2-Fluorobiphenyl  
Concen: 63.07 ng  
RT: 13.359 min Scan# 1705  
Delta R.T. -0.011 min  
Lab File: BG048675.D  
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Tgt Ion:172 Resp: 246780  
Ion Ratio Lower Upper  
172 100  
171 34.4 28.5 42.7  
170 24.8 19.8 29.6

Instrument :  
BNA\_G  
ClientSampleId :  
PB135702BS

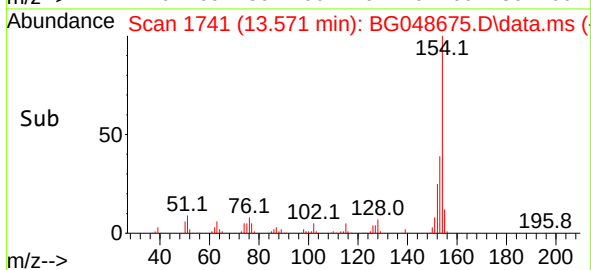
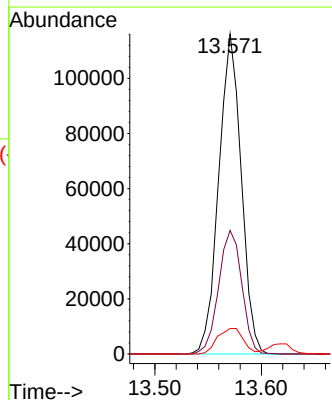
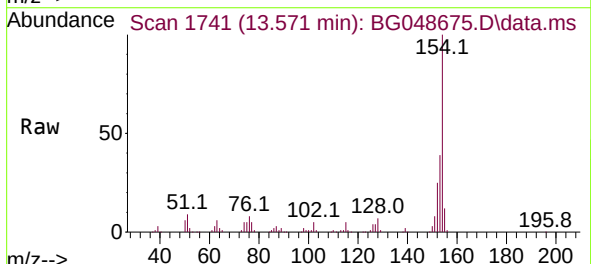
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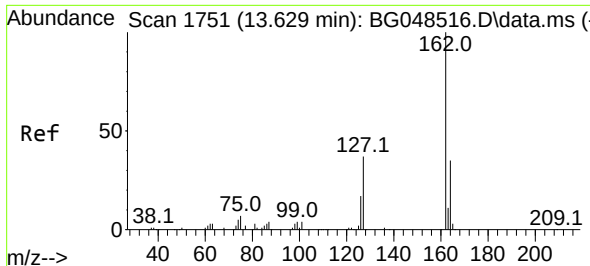
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#46  
1,1'-Biphenyl  
Concen: 39.95 ng  
RT: 13.571 min Scan# 1741  
Delta R.T. -0.011 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

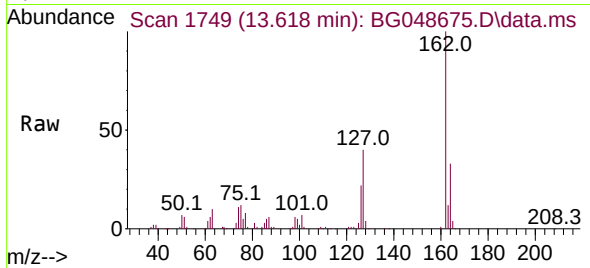
Tgt Ion:154 Resp: 169737  
Ion Ratio Lower Upper  
154 100  
153 38.6 17.3 57.3  
76 8.0 0.0 28.6





#47  
2-Chloronaphthalene  
Concen: 39.11 ng  
RT: 13.618 min Scan# 1749  
Delta R.T. -0.011 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

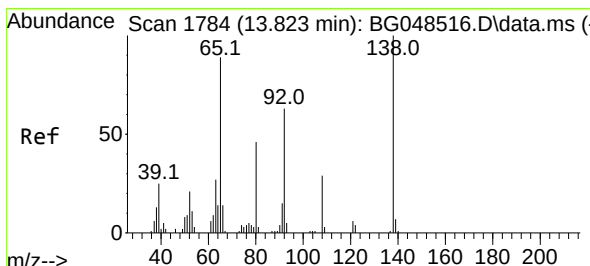
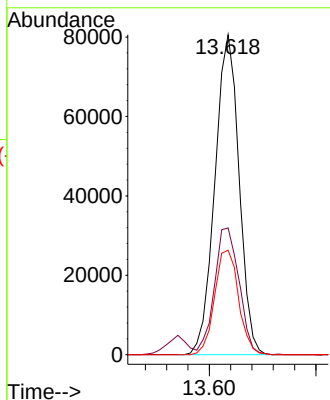
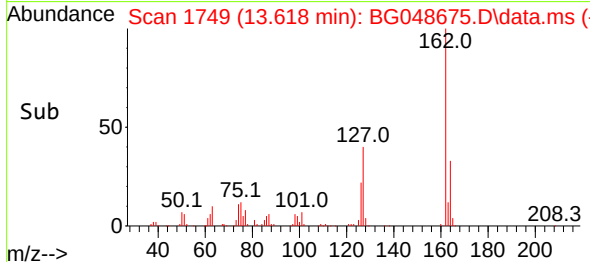
Instrument :  
BNA\_G  
ClientSampleId :  
PB135702BS



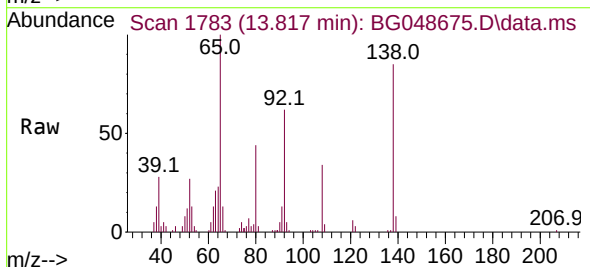
Tgt Ion:162 Resp: 126616  
Ion Ratio Lower Upper  
162 100  
127 39.6 31.8 47.8  
164 32.7 27.8 41.6

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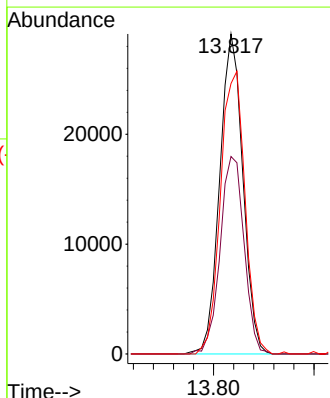
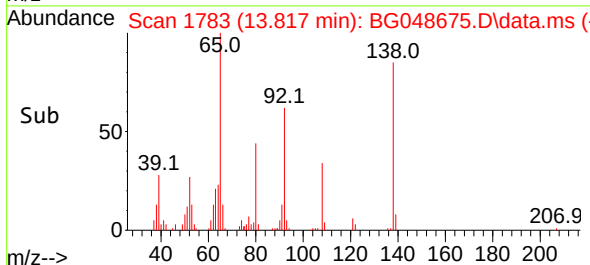
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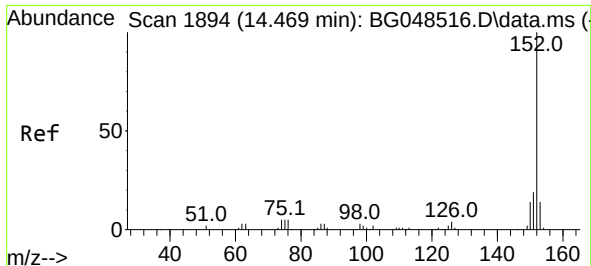


#48  
2-Nitroaniline  
Concen: 45.22 ng  
RT: 13.817 min Scan# 1783  
Delta R.T. -0.006 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37



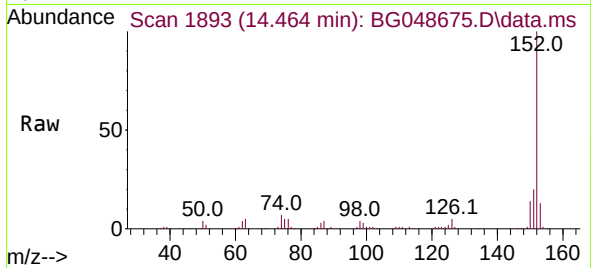
Tgt Ion: 65 Resp: 46540  
Ion Ratio Lower Upper  
65 100  
92 61.7 56.7 85.1  
138 84.5 89.6 134.4#





#49  
Acenaphthylene  
Concen: 41.60 ng  
RT: 14.464 min Scan# 1893  
Delta R.T. -0.006 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

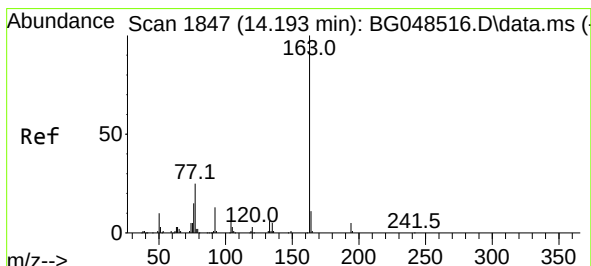
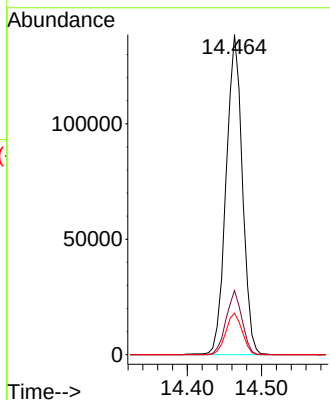
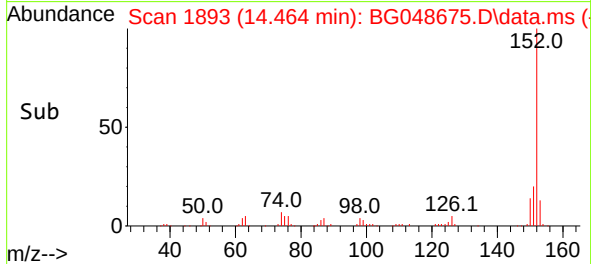
Instrument :  
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ClientSampleId :  
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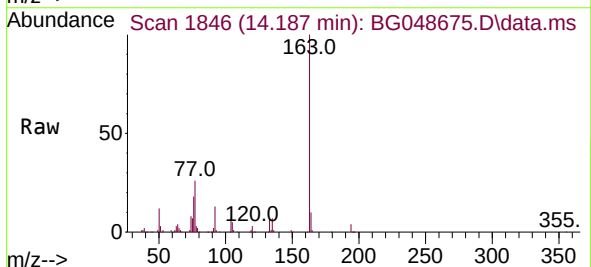
Tgt Ion:152 Resp: 211139  
Ion Ratio Lower Upper  
152 100  
151 20.1 15.0 22.6  
153 13.0 11.0 16.6

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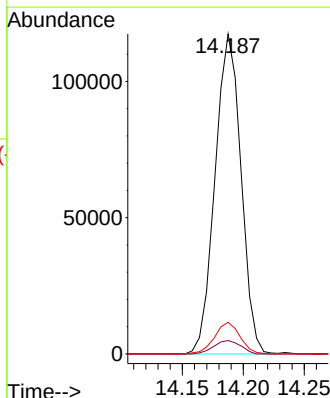
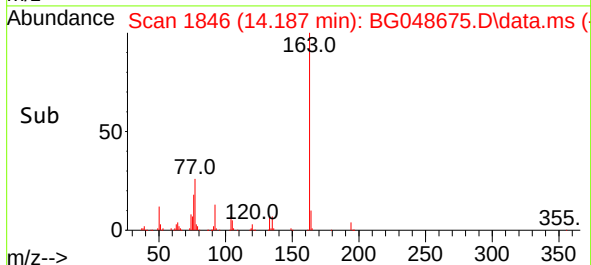
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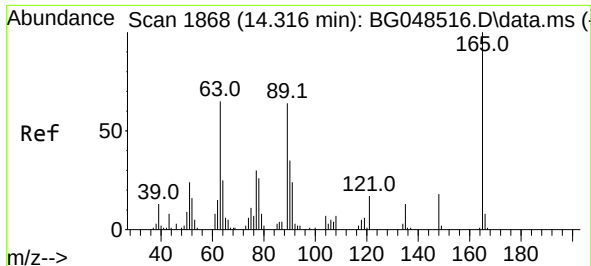


#50  
Dimethylphthalate  
Concen: 40.28 ng  
RT: 14.187 min Scan# 1846  
Delta R.T. -0.006 min  
Lab File: BG048675.D  
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Tgt Ion:163 Resp: 173857  
Ion Ratio Lower Upper  
163 100  
194 4.2 4.1 6.1  
164 9.9 8.6 12.8





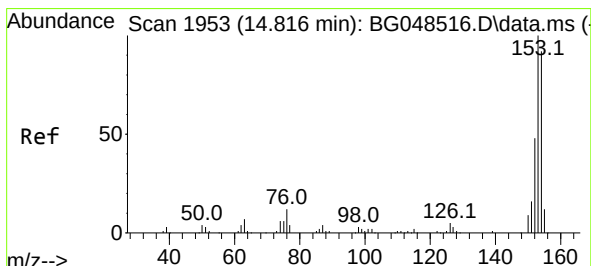
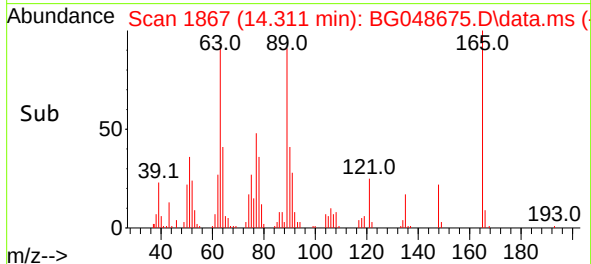
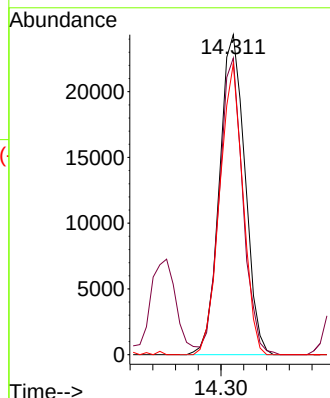
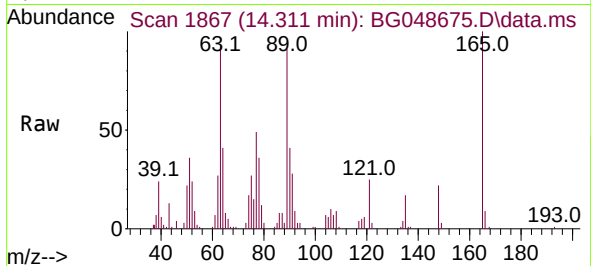
#51  
2,6-Dinitrotoluene  
Concen: 38.34 ng  
RT: 14.311 min Scan# 1867  
Delta R.T. -0.006 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

Tgt Ion:165 Resp: 37862  
Ion Ratio Lower Upper  
165 100  
63 92.7 53.8 80.6#  
89 91.0 50.8 76.2#

Instrument :  
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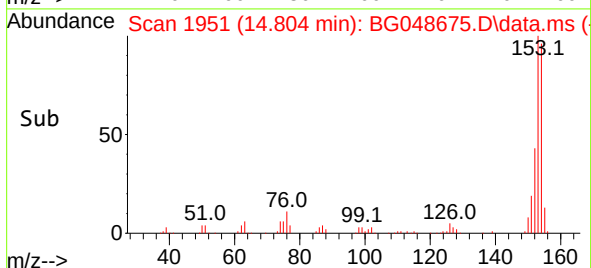
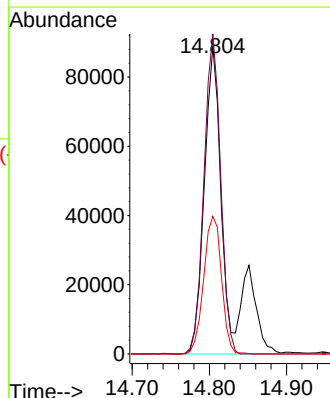
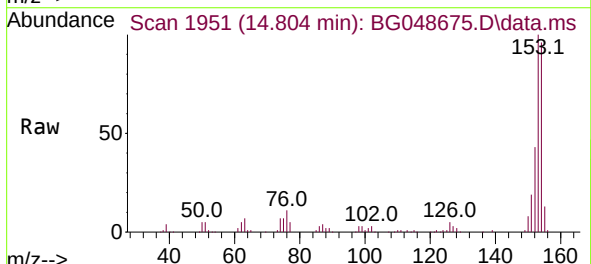
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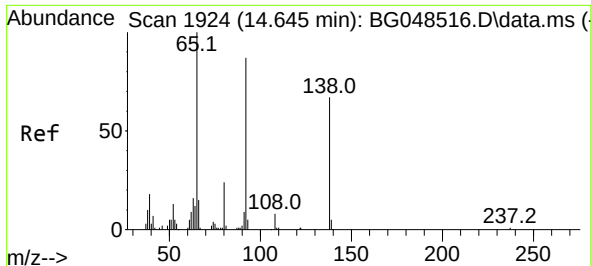
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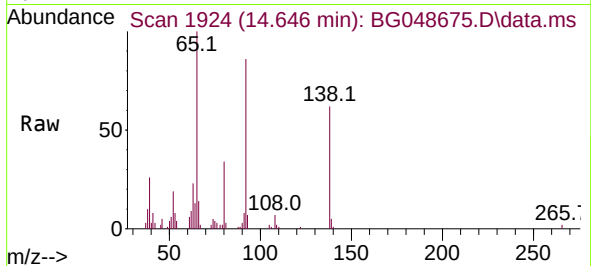
#52  
Acenaphthene  
Concen: 45.47 ng m  
RT: 14.804 min Scan# 1951  
Delta R.T. -0.011 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

Tgt Ion:154 Resp: 166901  
Ion Ratio Lower Upper  
154 100  
153 104.1 86.6 129.8  
152 44.8 41.5 62.3

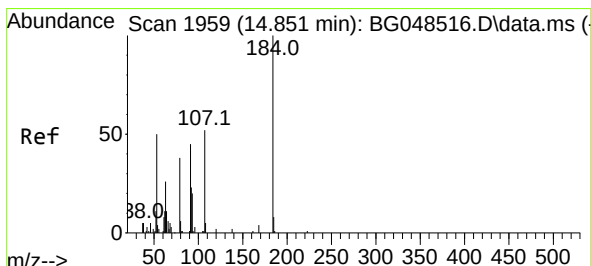
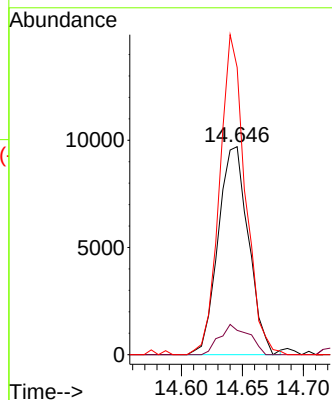
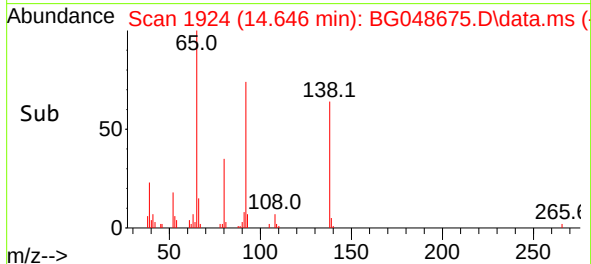




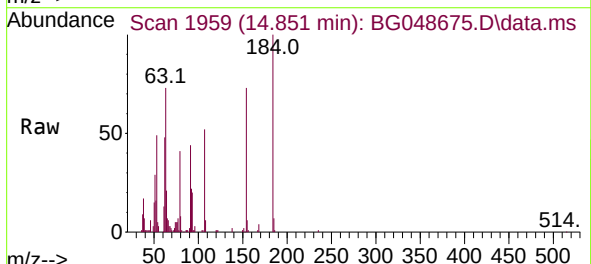
#53  
3-Nitroaniline  
Concen: 17.37 ng  
RT: 14.646 min Scan# 1924  
Delta R.T. 0.000 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37



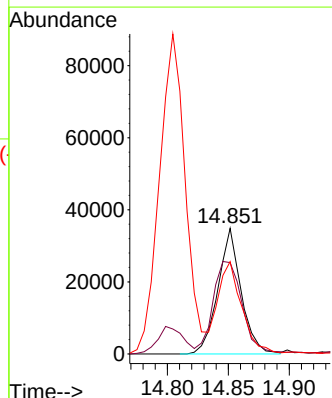
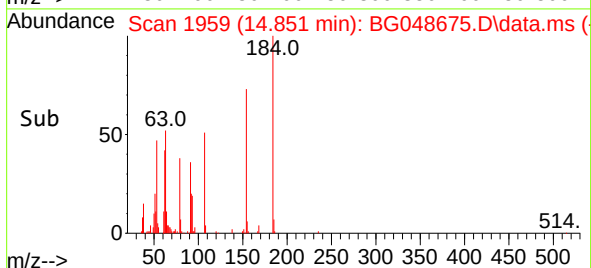
Tgt Ion:138 Resp: 16821  
Ion Ratio Lower Upper  
138 100  
108 11.7 9.2 13.8  
92 138.1 103.8 155.8



#54  
2,4-Dinitrophenol  
Concen: 83.10 ng  
RT: 14.851 min Scan# 1959  
Delta R.T. 0.000 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37



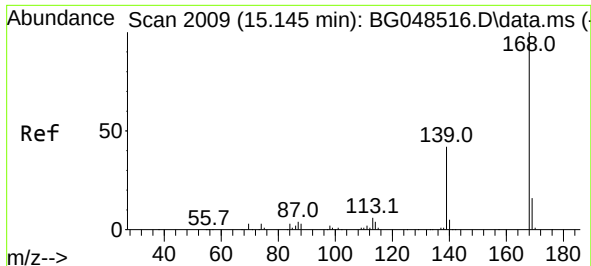
Tgt Ion:184 Resp: 46140  
Ion Ratio Lower Upper  
184 100  
63 72.7 56.6 84.8  
154 73.5 54.9 82.3



Instrument :  
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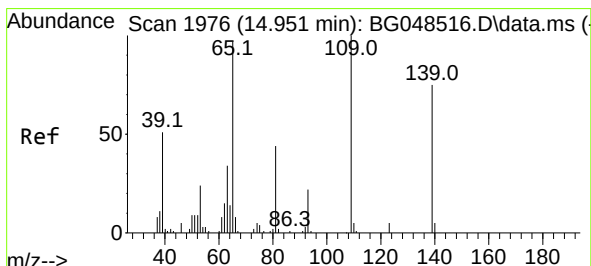
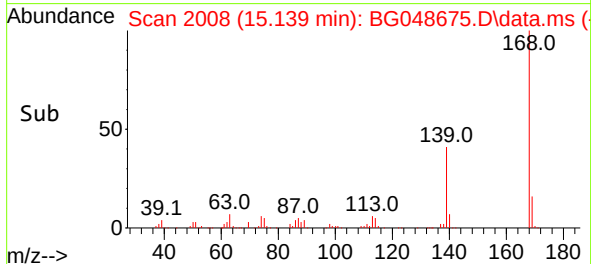
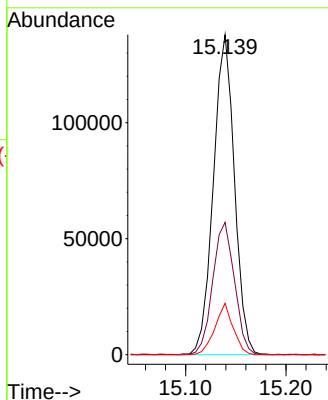
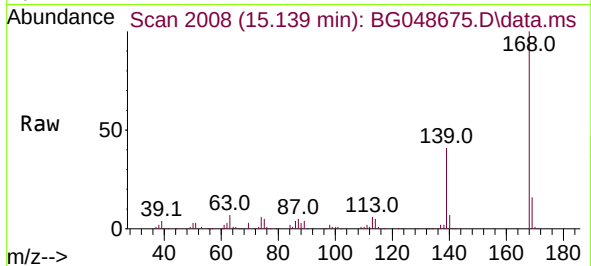
#55  
Dibenzofuran  
Concen: 37.39 ng  
RT: 15.139 min Scan# 2008  
Delta R.T. -0.006 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

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ClientSampleId :  
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Tgt Ion:168 Resp: 200472  
Ion Ratio Lower Upper  
168 100  
139 41.4 33.7 50.5  
169 16.1 12.5 18.7

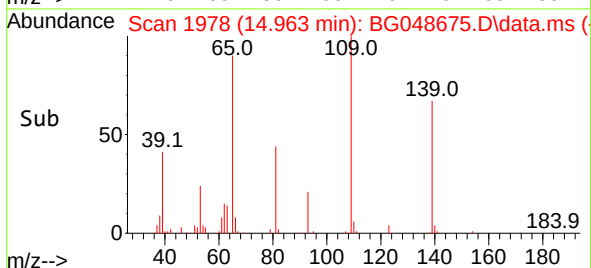
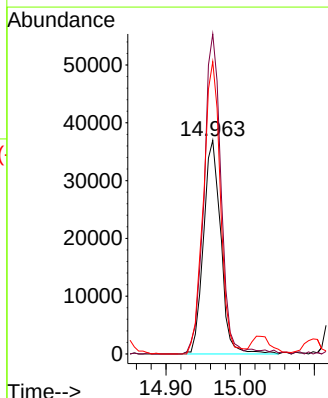
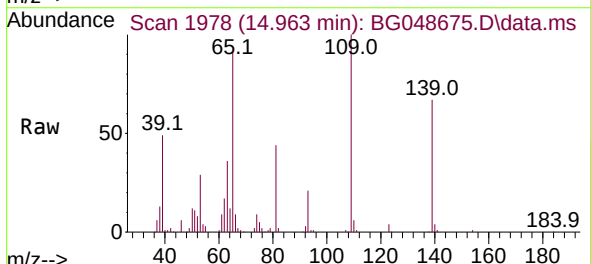
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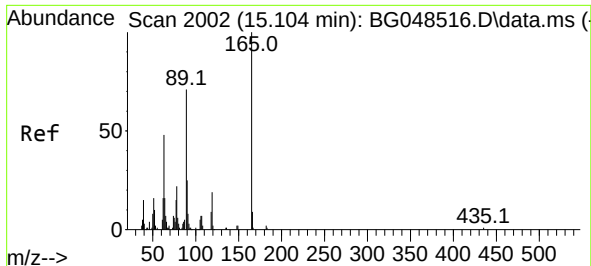
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#56  
4-Nitrophenol  
Concen: 76.35 ng  
RT: 14.963 min Scan# 1978  
Delta R.T. 0.012 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

Tgt Ion:139 Resp: 59677  
Ion Ratio Lower Upper  
139 100  
109 149.8 113.0 153.0  
65 136.9 109.4 149.4





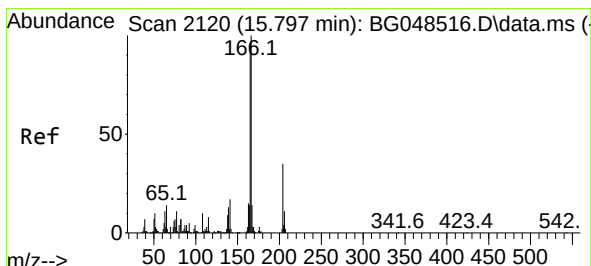
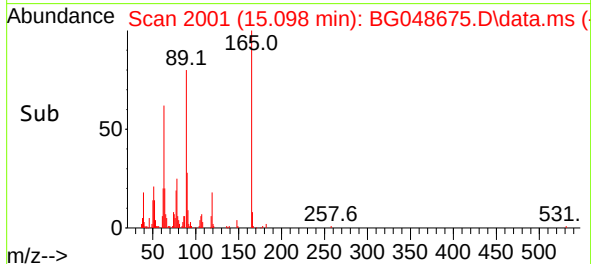
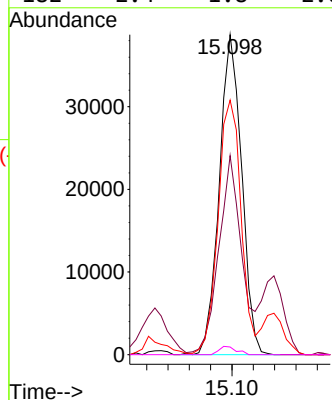
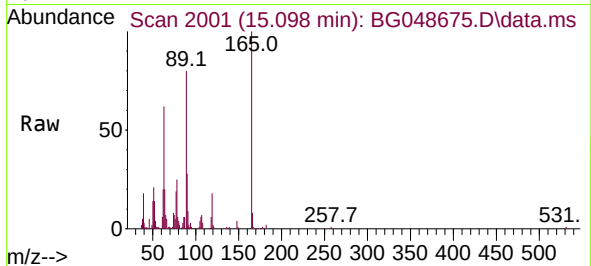
#57  
2,4-Dinitrotoluene  
Concen: 40.29 ng  
RT: 15.098 min Scan# 2001  
Delta R.T. -0.006 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 56280 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 62.2  | 38.3  | 57.5# |
| 89        | 79.6  | 56.5  | 84.7  |
| 182       | 2.4   | 1.8   | 2.6   |

Instrument :  
BNA\_G  
ClientSampleId :  
PB135702BS

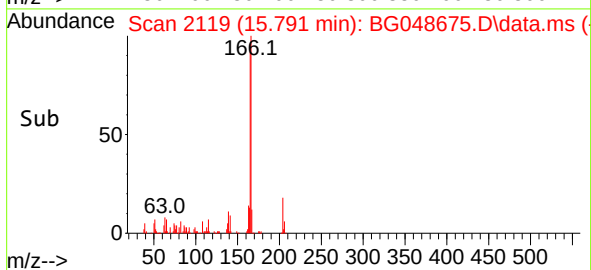
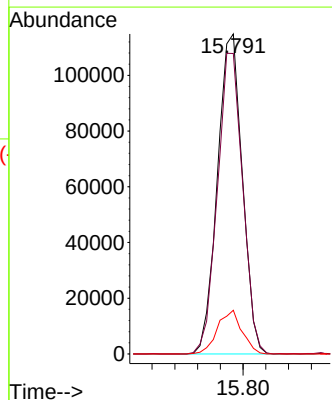
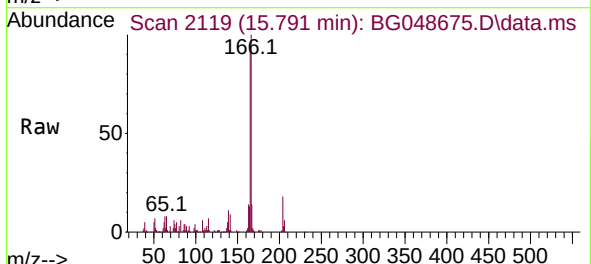
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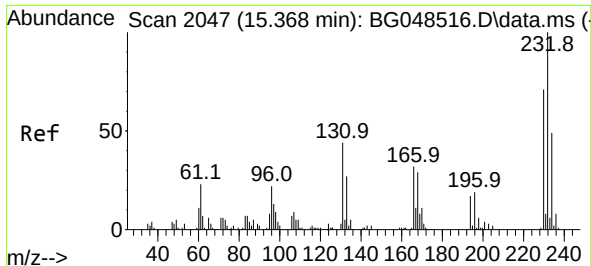


#58  
Fluorene  
Concen: 38.93 ng  
RT: 15.791 min Scan# 2119  
Delta R.T. -0.006 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 174720 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 93.9  | 76.8  | 115.2  |
| 167       | 13.7  | 11.1  | 16.7   |







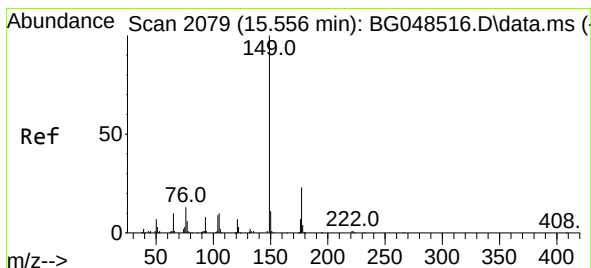
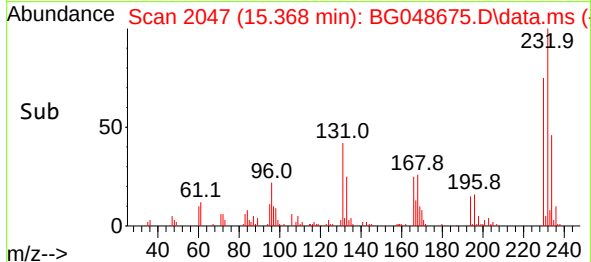
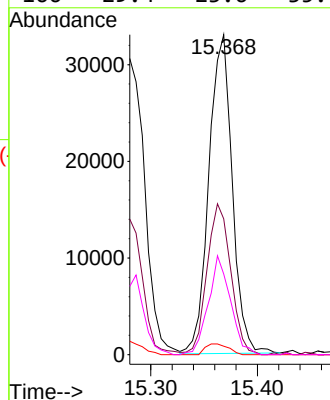
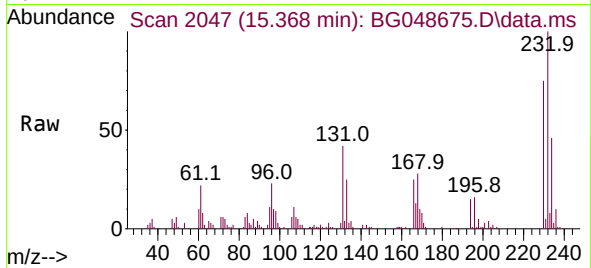
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 38.84 ng  
RT: 15.368 min Scan# 2047  
Delta R.T. 0.000 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 232   | Resp: | 50234 |
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 48.1  | 35.0  | 52.4  |
| 130       | 3.3   | 2.4   | 3.6   |
| 166       | 29.4  | 23.6  | 35.4  |

Instrument :  
BNA\_G  
ClientSampleId :  
PB135702BS

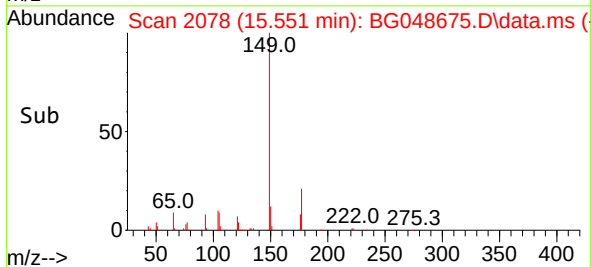
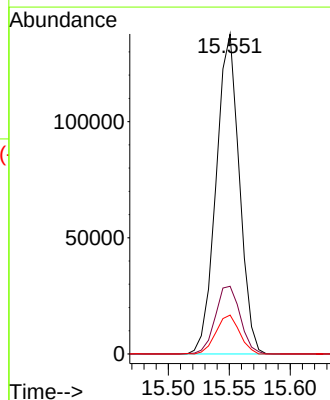
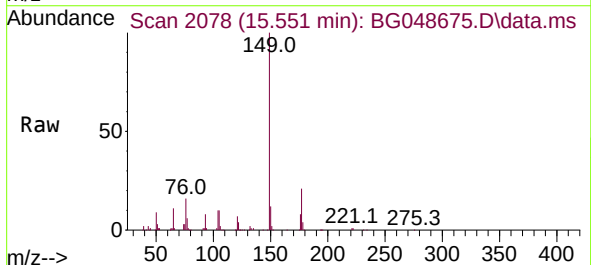
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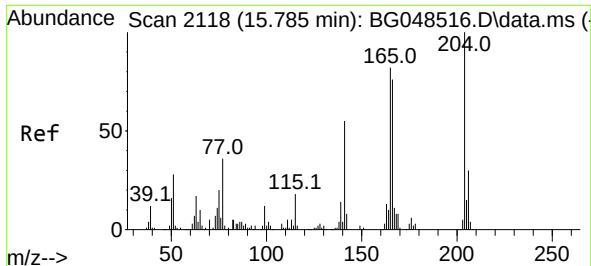
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#60  
Diethylphthalate  
Concen: 41.13 ng  
RT: 15.551 min Scan# 2078  
Delta R.T. -0.006 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

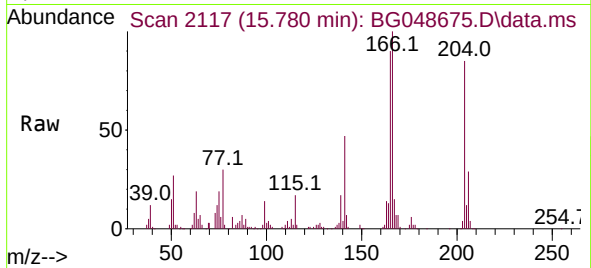
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 182404 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 21.2  | 18.1  | 27.1   |
| 150       | 12.2  | 9.1   | 13.7   |





#61  
4-Chlorophenyl-phenylether  
Concen: 41.46 ng  
RT: 15.780 min Scan# 2117  
Delta R.T. -0.006 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

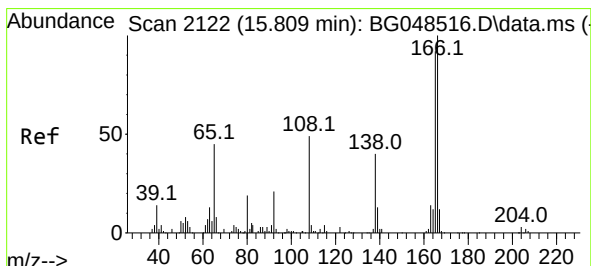
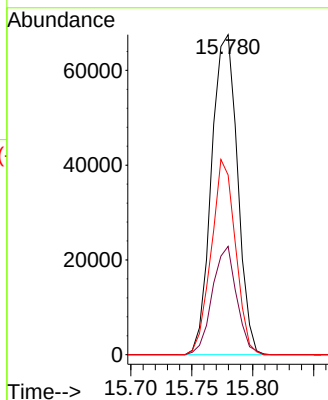
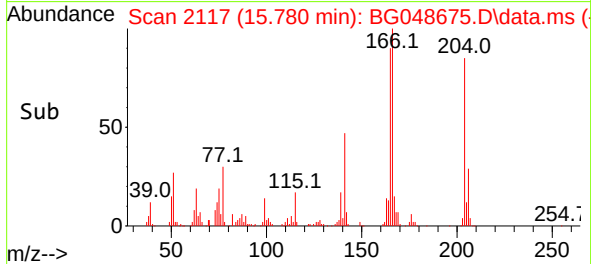
Instrument :  
BNA\_G  
ClientSampleId :  
PB135702BS



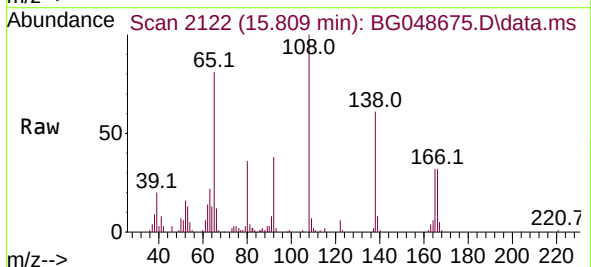
Tgt Ion:204 Resp: 100094  
Ion Ratio Lower Upper  
204 100  
206 33.9 23.8 35.8  
141 56.2 44.0 66.0

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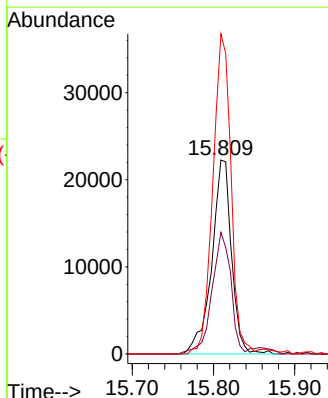
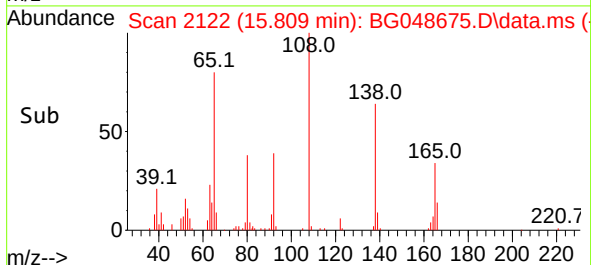
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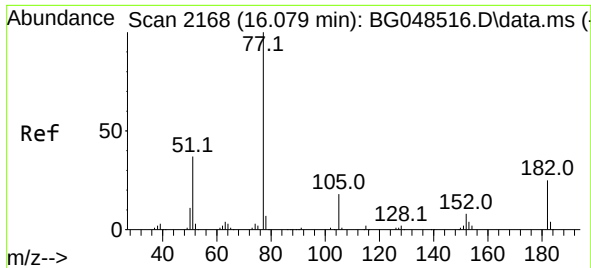


#62  
4-Nitroaniline  
Concen: 37.18 ng  
RT: 15.809 min Scan# 2122  
Delta R.T. 0.000 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

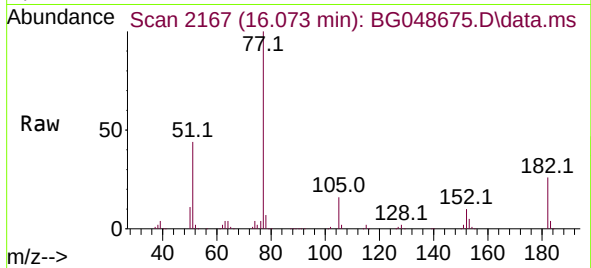


Tgt Ion:138 Resp: 37659  
Ion Ratio Lower Upper  
138 100  
92 62.7 32.2 72.2  
108 165.0 104.1 144.1#

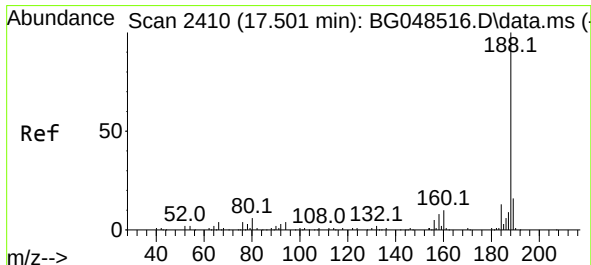
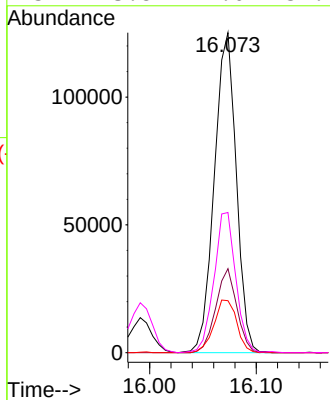
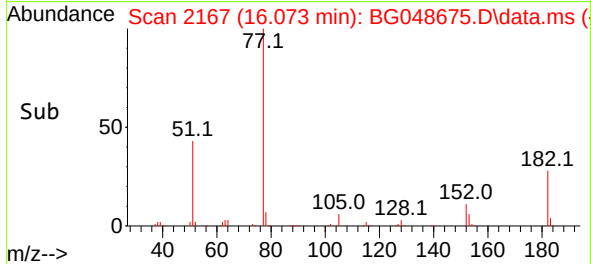




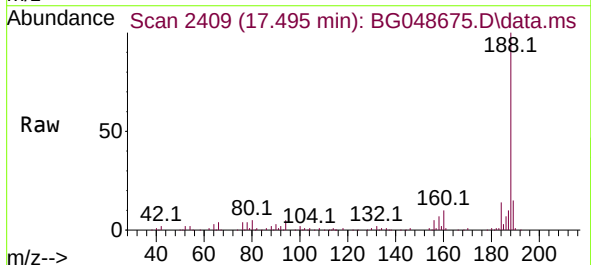
#63  
Azobenzene  
Concen: 40.97 ng  
RT: 16.073 min Scan# 2167  
Delta R.T. -0.006 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37



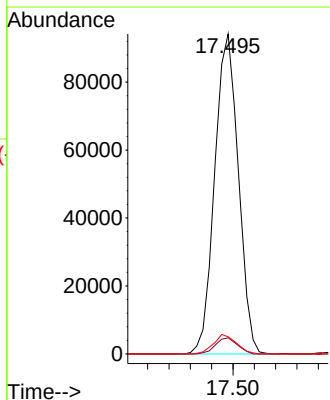
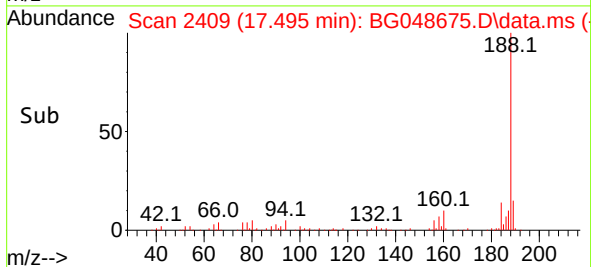
Tgt Ion: 77 Resp: 178765  
Ion Ratio Lower Upper  
77 100  
182 26.3 5.3 45.3  
105 16.3 0.0 37.8  
51 43.8 17.0 57.0



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.495 min Scan# 2409  
Delta R.T. -0.006 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37



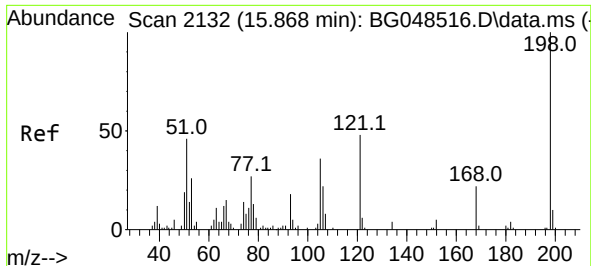
Tgt Ion: 188 Resp: 144844  
Ion Ratio Lower Upper  
188 100  
94 5.0 3.0 4.6#  
80 5.4 4.5 6.7



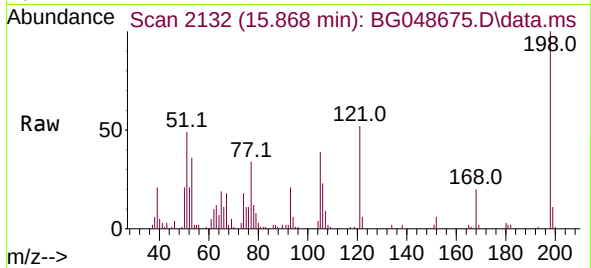
Instrument :  
BNA\_G  
ClientSampleId :  
PB135702BS

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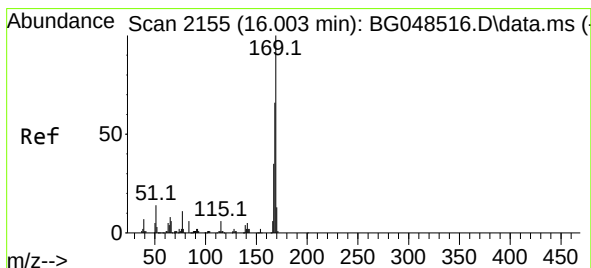
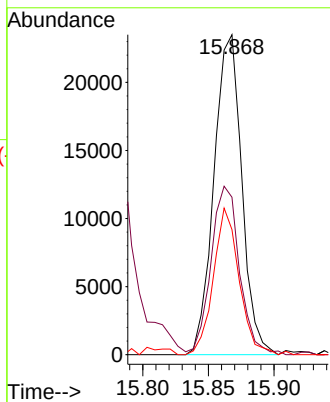
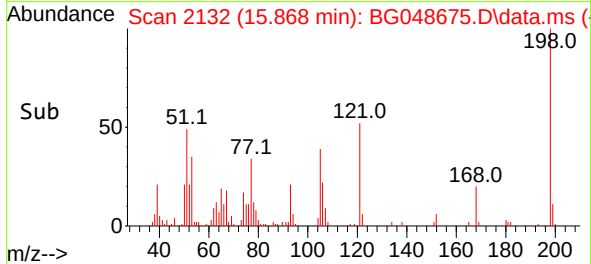
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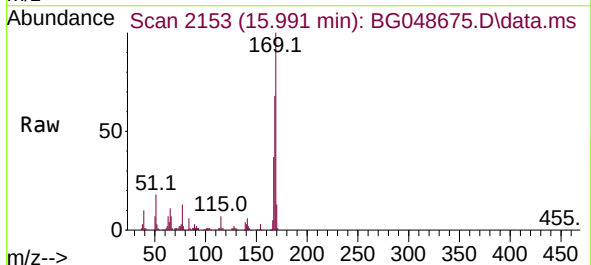
#65  
4,6-Dinitro-2-methylphenol  
Concen: 39.80 ng  
RT: 15.868 min Scan# 2132  
Delta R.T. 0.000 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37



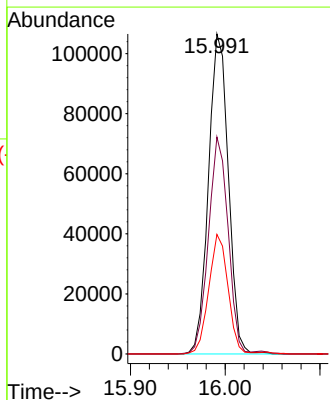
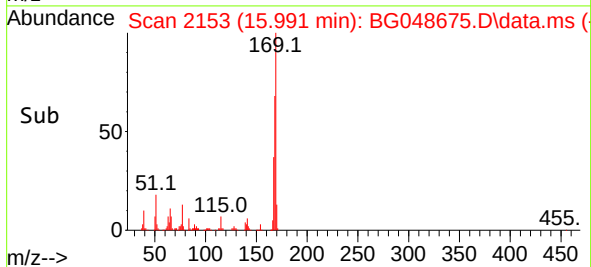
Tgt Ion:198 Resp: 34638  
Ion Ratio Lower Upper  
198 100  
51 49.2 26.5 66.5  
105 39.1 16.0 56.0



#66  
n-Nitrosodiphenylamine  
Concen: 37.61 ng  
RT: 15.991 min Scan# 2153  
Delta R.T. -0.011 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37



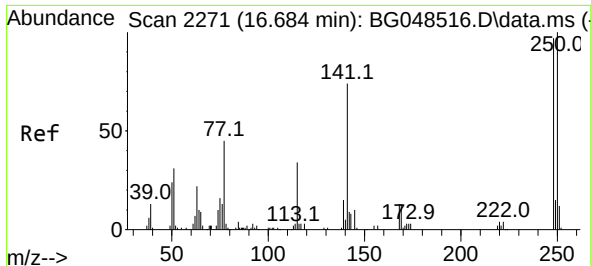
Tgt Ion:169 Resp: 154990  
Ion Ratio Lower Upper  
169 100  
168 67.8 52.7 79.1  
167 37.3 27.8 41.8



Instrument :  
BNA\_G  
ClientSampleId :  
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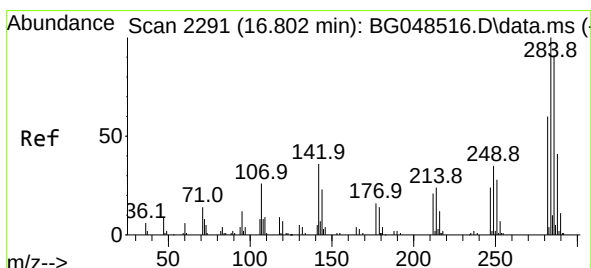
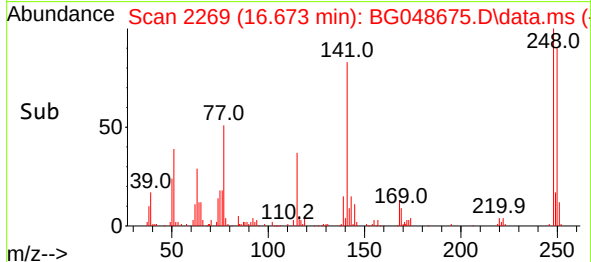
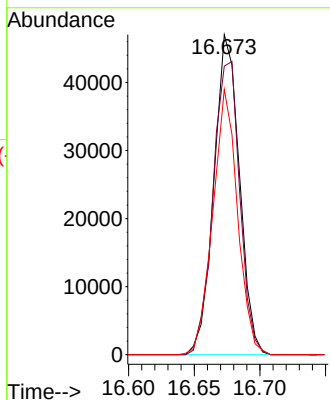
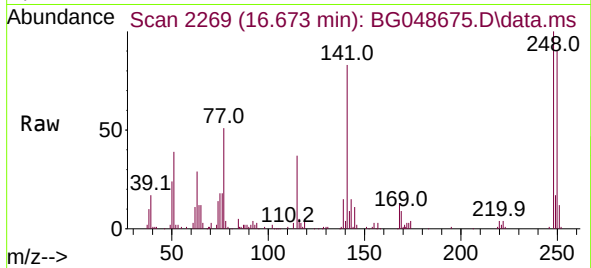
#67  
4-Bromophenyl-phenylether  
Concen: 39.51 ng  
RT: 16.673 min Scan# 2269  
Delta R.T. -0.011 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

Instrument :  
BNA\_G  
ClientSampleId :  
PB135702BS

Tgt Ion:248 Resp: 63440  
Ion Ratio Lower Upper  
248 100  
250 90.2 82.6 124.0  
141 82.9 61.0 91.6

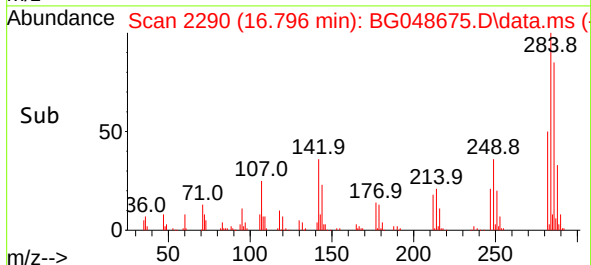
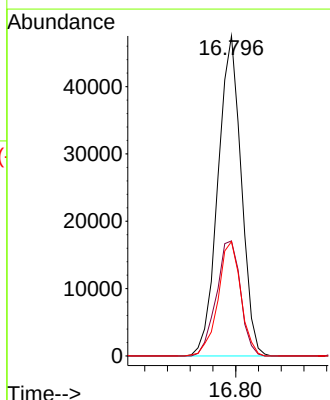
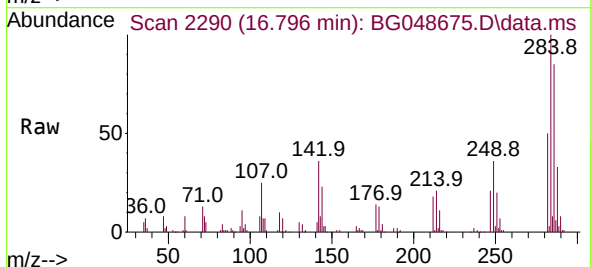
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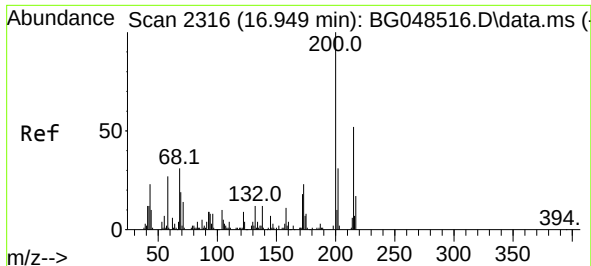
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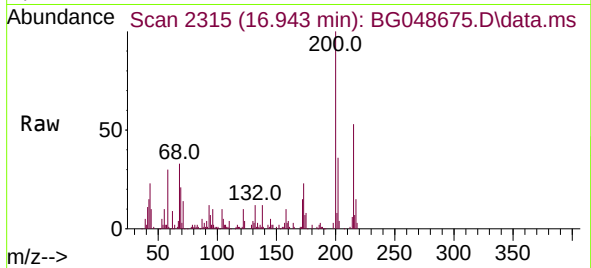
#68  
Hexachlorobenzene  
Concen: 40.26 ng  
RT: 16.796 min Scan# 2290  
Delta R.T. -0.006 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

Tgt Ion:284 Resp: 67493  
Ion Ratio Lower Upper  
284 100  
142 35.9 29.1 43.7  
249 35.7 27.7 41.5

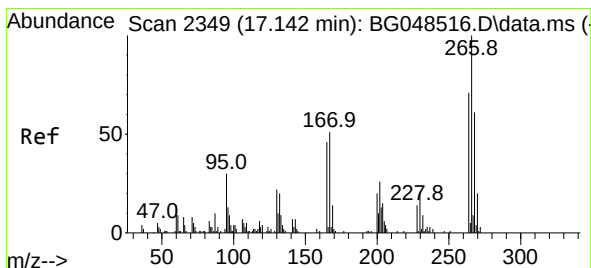
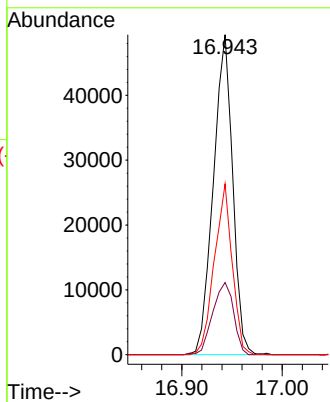
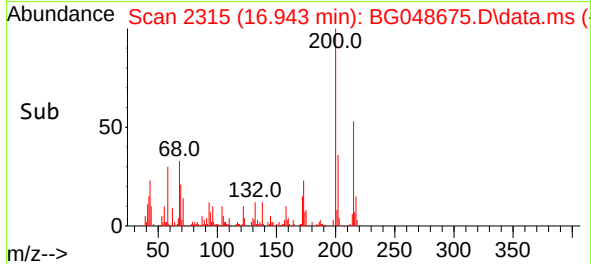




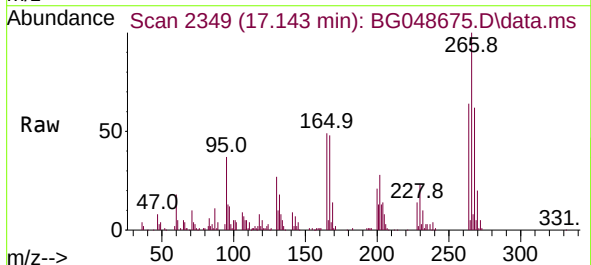
#69  
Atrazine  
Concen: 39.11 ng  
RT: 16.943 min Scan# 2315  
Delta R.T. -0.006 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37



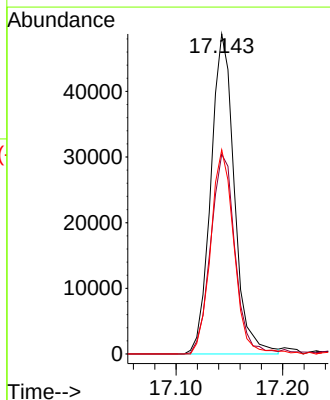
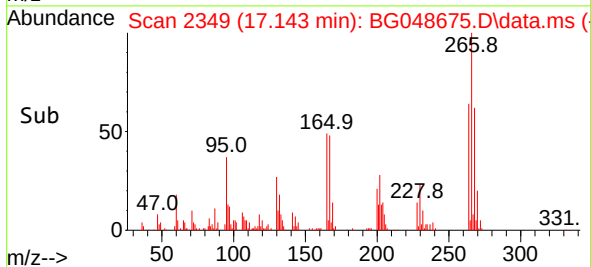
Tgt Ion:200 Resp: 65737  
Ion Ratio Lower Upper  
200 100  
173 22.6 2.8 42.8  
215 53.4 31.7 71.7



#70  
Pentachlorophenol  
Concen: 71.56 ng  
RT: 17.143 min Scan# 2349  
Delta R.T. 0.000 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37



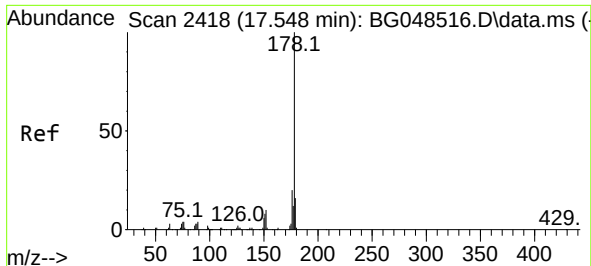
Tgt Ion:266 Resp: 74570  
Ion Ratio Lower Upper  
266 100  
268 62.4 48.6 73.0  
264 63.8 56.4 84.6



Instrument :  
BNA\_G  
ClientSampleId :  
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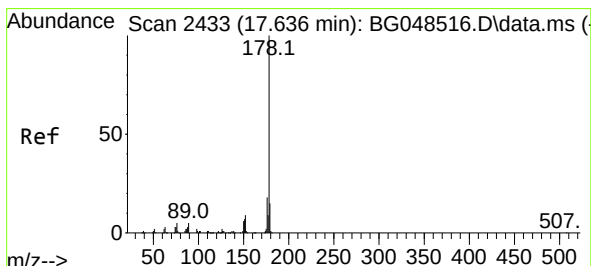
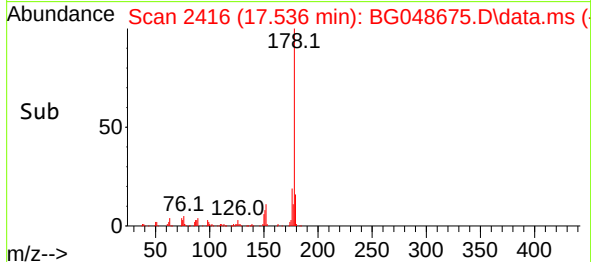
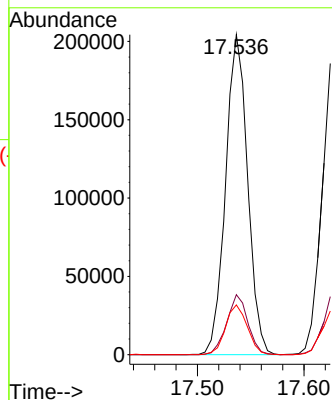
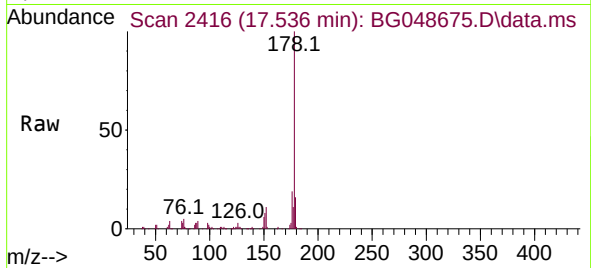
#71  
Phenanthrene  
Concen: 38.95 ng  
RT: 17.536 min Scan# 2416  
Delta R.T. -0.011 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.8  | 15.6  | 23.4  |
| 179     | 15.6  | 12.9  | 19.3  |

Instrument :  
BNA\_G  
ClientSampleId :  
PB135702BS

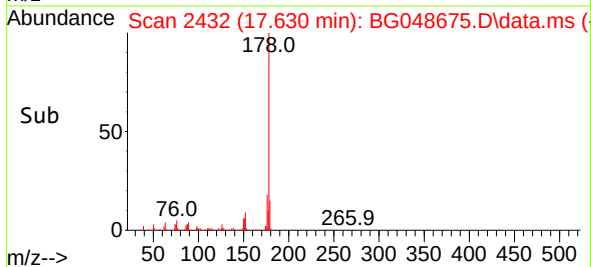
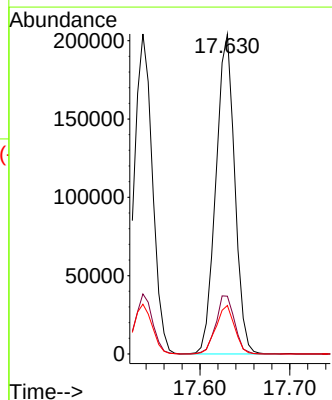
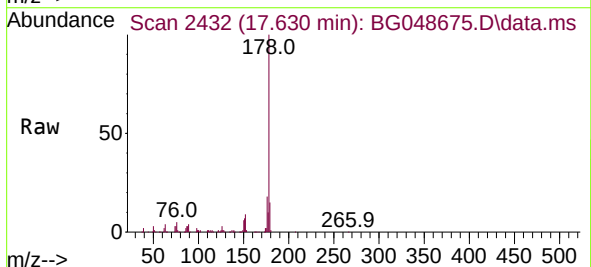
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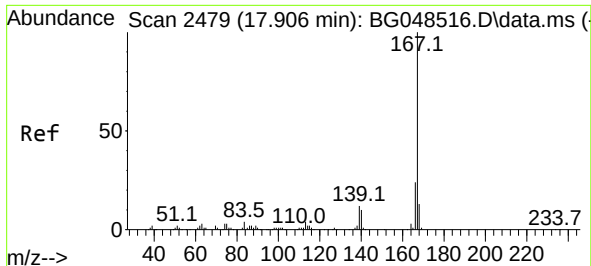
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#72  
Anthracene  
Concen: 39.58 ng  
RT: 17.630 min Scan# 2432  
Delta R.T. -0.006 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

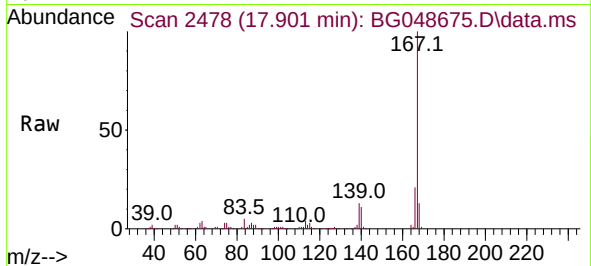
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.1  | 14.1  | 21.1  |
| 179     | 15.1  | 11.9  | 17.9  |





#73  
Carbazole  
Concen: 37.80 ng  
RT: 17.901 min Scan# 2478  
Delta R.T. -0.006 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

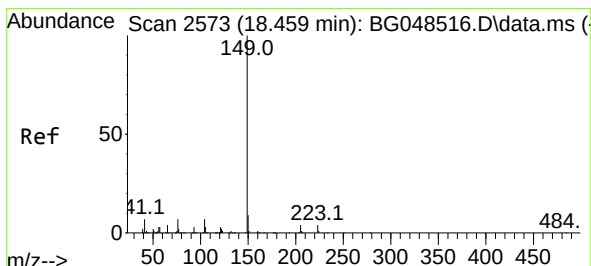
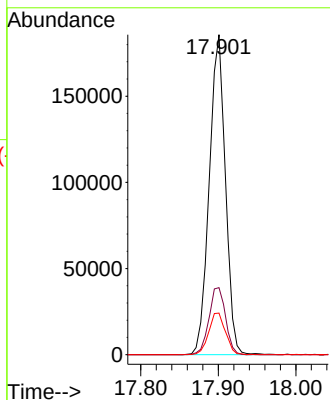
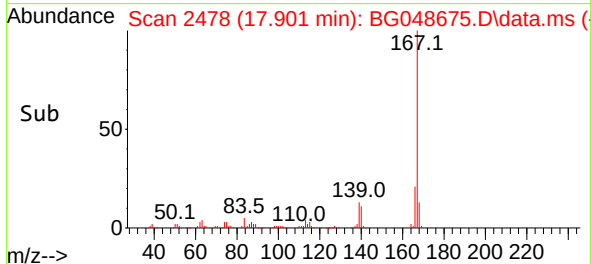
Instrument :  
BNA\_G  
ClientSampleID :  
PB135702BS



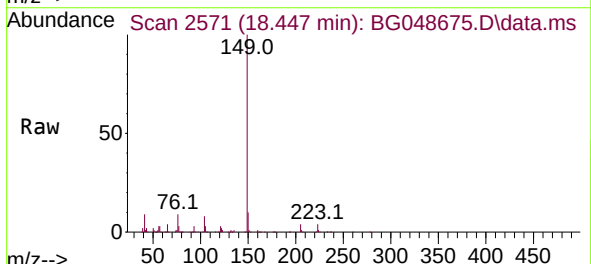
Tgt Ion:167 Resp: 268605  
Ion Ratio Lower Upper  
167 100  
166 20.9 19.0 28.6  
139 13.0 10.0 15.0

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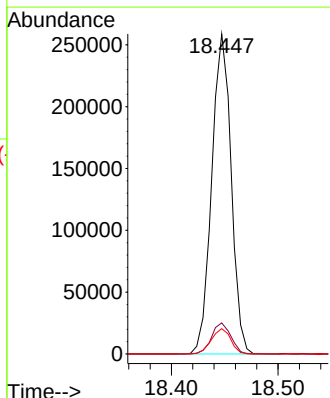
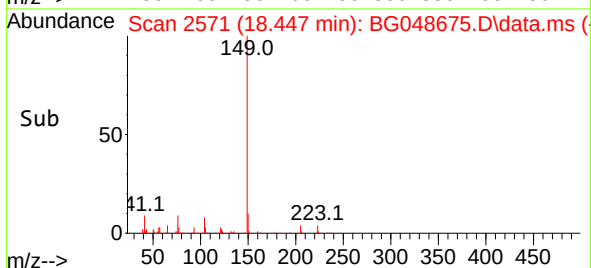
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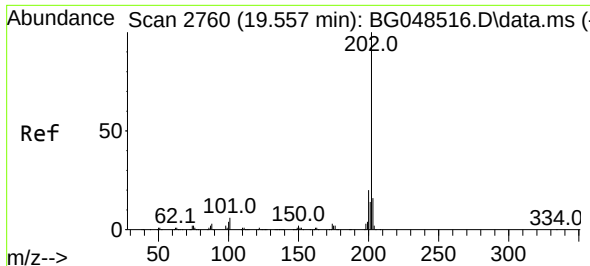
#74  
Di-n-butylphthalate  
Concen: 41.12 ng  
RT: 18.447 min Scan# 2571  
Delta R.T. -0.011 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37



Tgt Ion:149 Resp: 326401  
Ion Ratio Lower Upper  
149 100  
150 9.7 7.0 10.4  
104 7.9 5.9 8.9

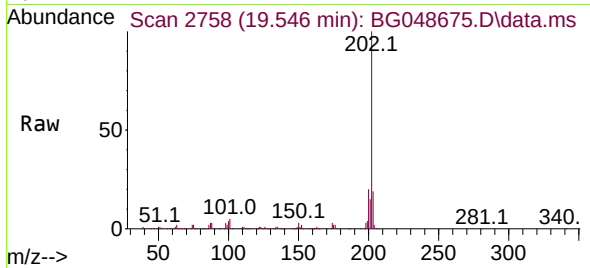






#75  
Fluoranthene  
Concen: 41.55 ng  
RT: 19.546 min Scan# 2758  
Delta R.T. -0.011 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

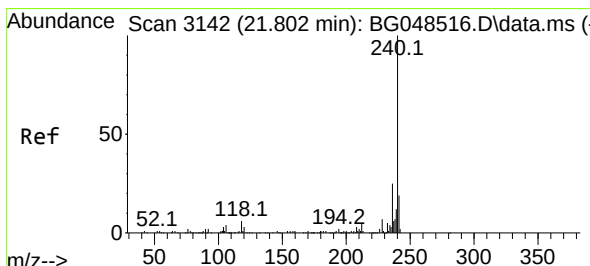
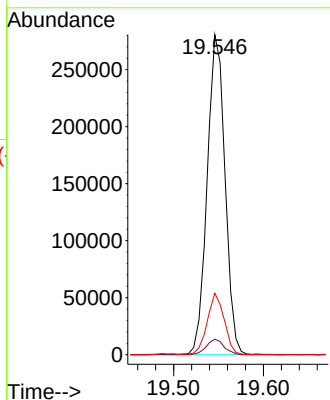
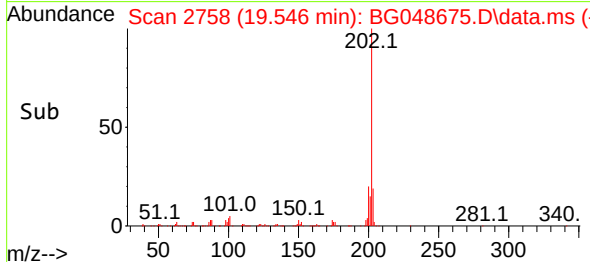
Instrument :  
BNA\_G  
ClientSampleId :  
PB135702BS



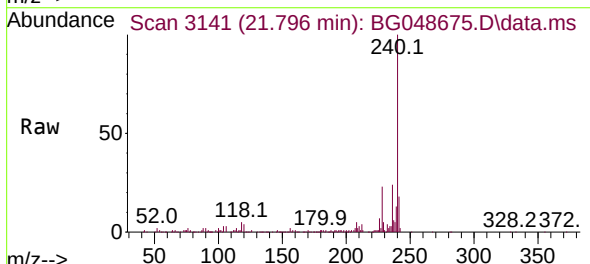
Tgt Ion:202 Resp: 387272  
Ion Ratio Lower Upper  
202 100  
101 4.9 0.0 25.8  
203 19.2 0.0 36.4

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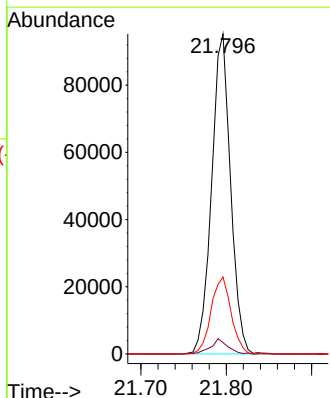
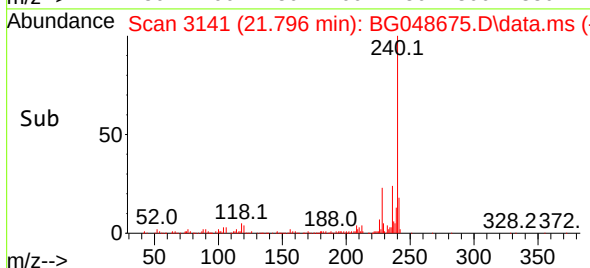
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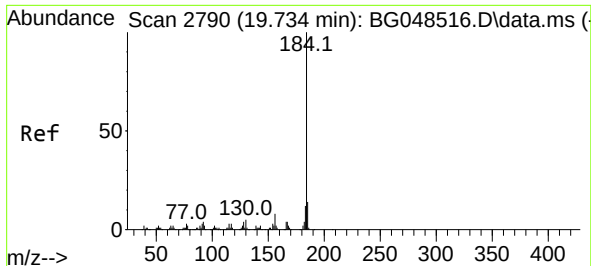


#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.796 min Scan# 3141  
Delta R.T. -0.006 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

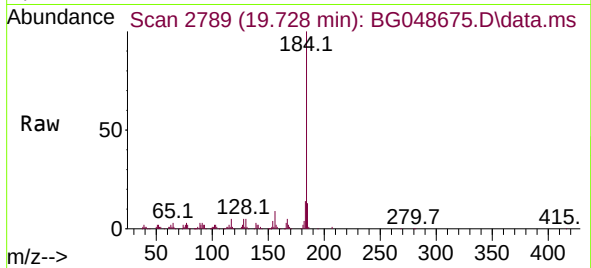


Tgt Ion:240 Resp: 146817  
Ion Ratio Lower Upper  
240 100  
120 3.5 2.6 3.8  
236 24.0 19.8 29.6

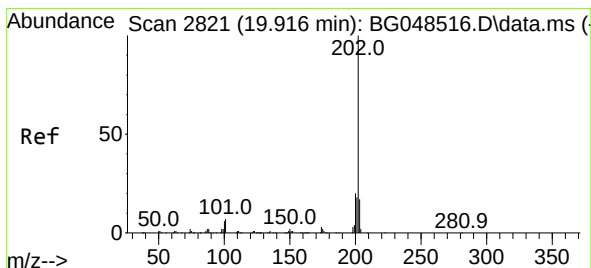
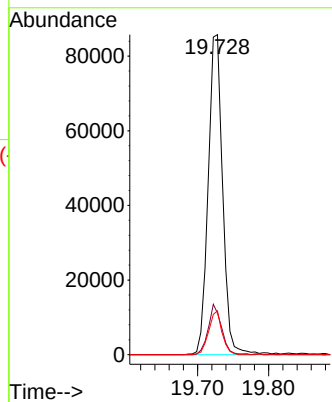
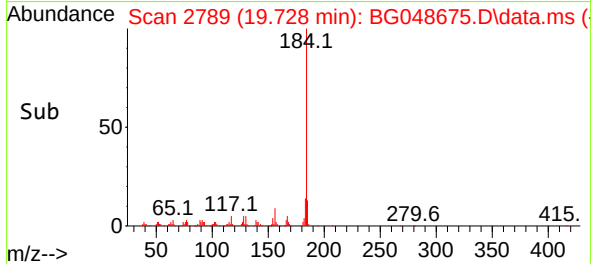




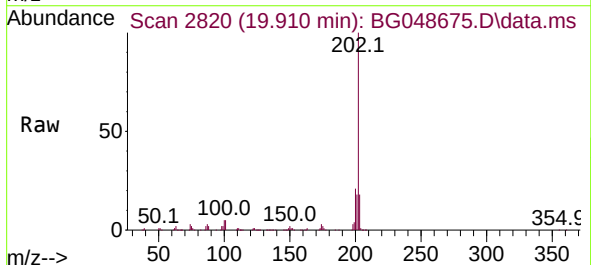
#77  
Benzidine  
Concen: 24.49 ng  
RT: 19.728 min Scan# 2789  
Delta R.T. -0.006 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37



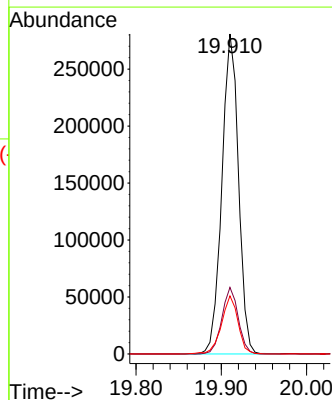
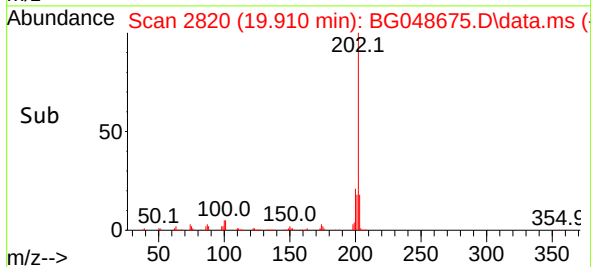
Tgt Ion:184 Resp: 121736  
Ion Ratio Lower Upper  
184 100  
185 13.0 11.0 16.4  
183 13.7 9.2 13.8



#78  
Pyrene  
Concen: 37.66 ng  
RT: 19.910 min Scan# 2820  
Delta R.T. -0.006 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37



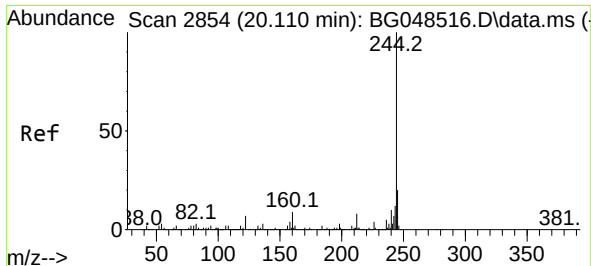
Tgt Ion:202 Resp: 380141  
Ion Ratio Lower Upper  
202 100  
200 20.8 16.1 24.1  
203 18.1 13.6 20.4



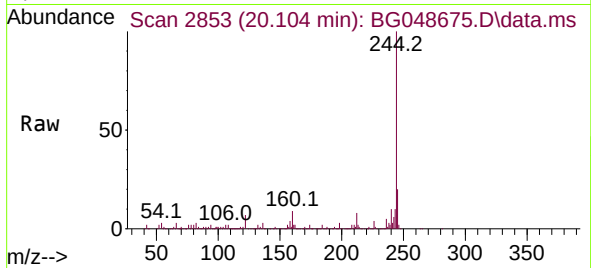
Instrument :  
BNA\_G  
ClientSampleId :  
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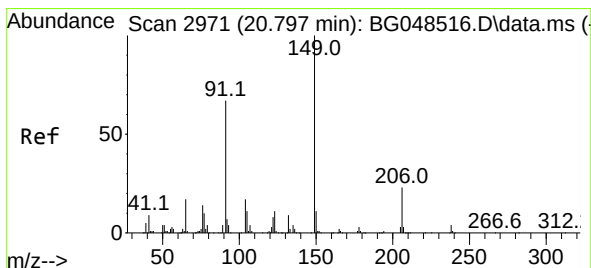
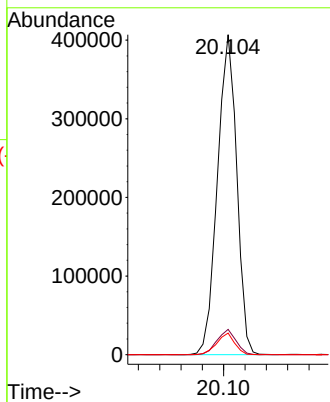
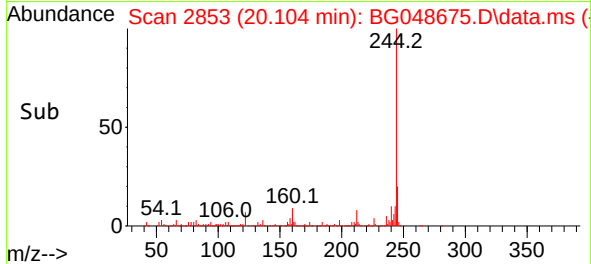
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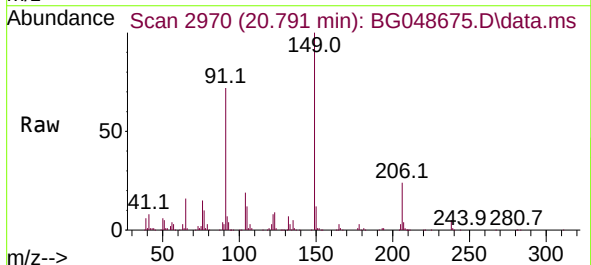
#79  
Terphenyl-d14  
Concen: 63.55 ng  
RT: 20.104 min Scan# 2853  
Delta R.T. -0.006 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37



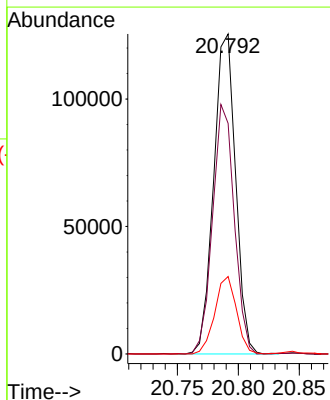
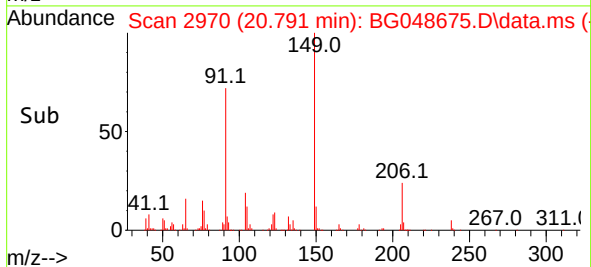
Tgt Ion:244 Resp: 510165  
Ion Ratio Lower Upper  
244 100  
212 7.9 6.0 9.0  
122 6.8 5.8 8.6



#80  
Butylbenzylphthalate  
Concen: 41.94 ng  
RT: 20.791 min Scan# 2970  
Delta R.T. -0.006 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37



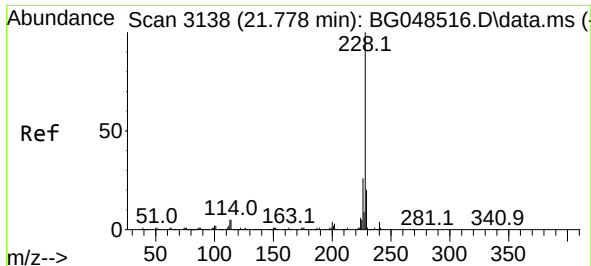
Tgt Ion:149 Resp: 157237  
Ion Ratio Lower Upper  
149 100  
91 72.1 53.6 80.4  
206 24.2 18.3 27.5



Instrument :  
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ClientSampleId :  
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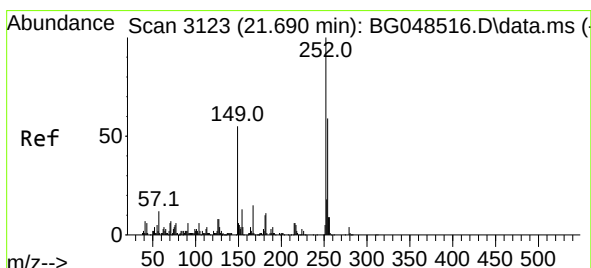
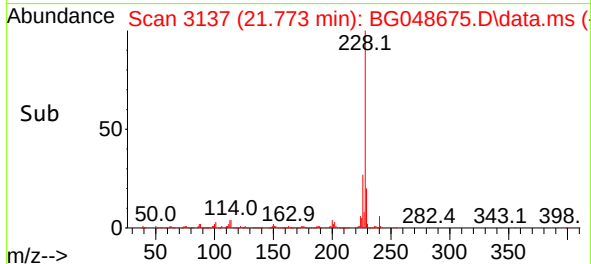
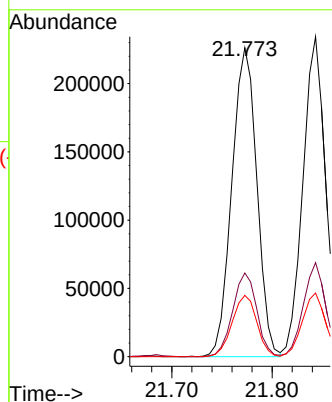
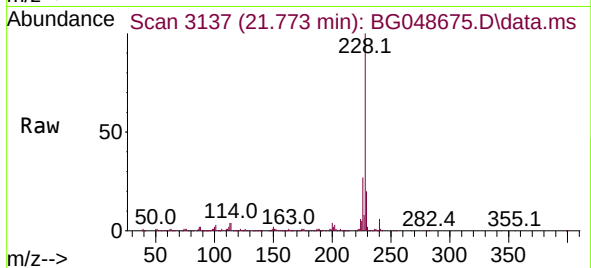
#81  
Benzo(a)anthracene  
Concen: 39.99 ng  
RT: 21.773 min Scan# 3137  
Delta R.T. -0.006 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

Tgt Ion:228 Resp: 392286  
Ion Ratio Lower Upper  
228 100  
226 27.1 20.6 30.8  
229 19.9 15.8 23.8

Instrument :  
BNA\_G  
ClientSampleId :  
PB135702BS

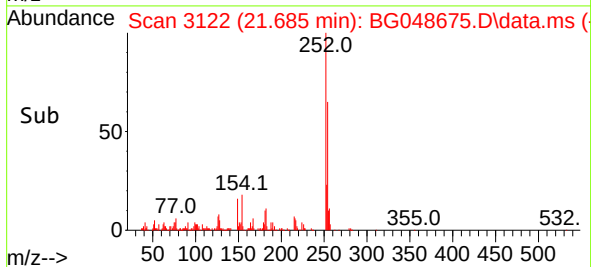
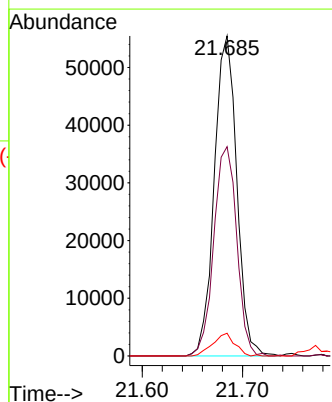
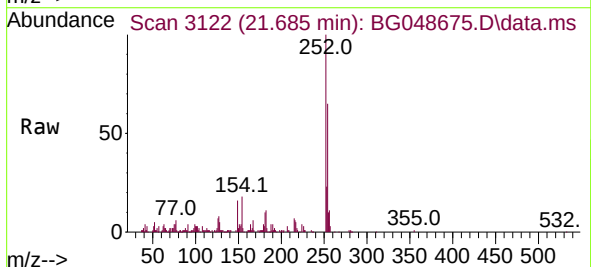
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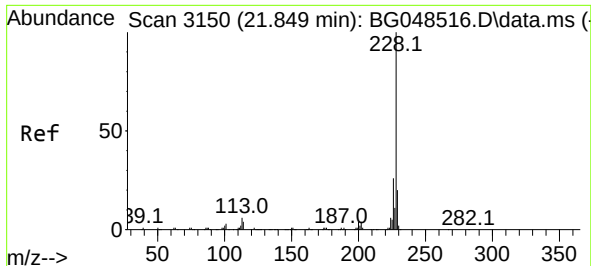
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#82  
3,3'-Dichlorobenzidine  
Concen: 25.61 ng  
RT: 21.685 min Scan# 3122  
Delta R.T. -0.006 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

Tgt Ion:252 Resp: 86310  
Ion Ratio Lower Upper  
252 100  
254 65.4 47.4 71.2  
126 7.1 6.1 9.1





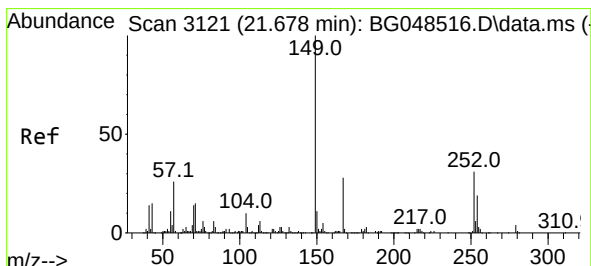
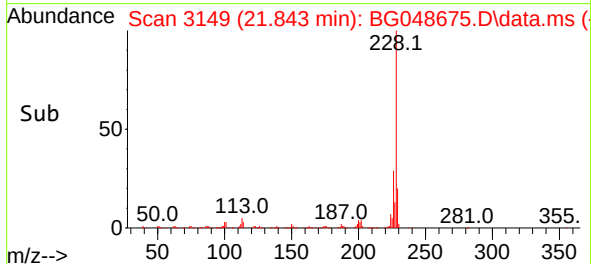
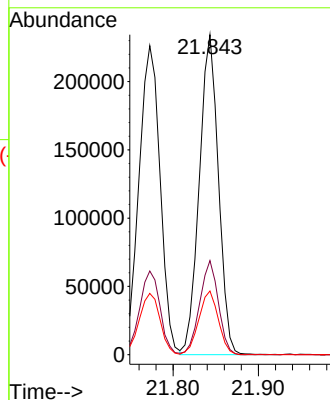
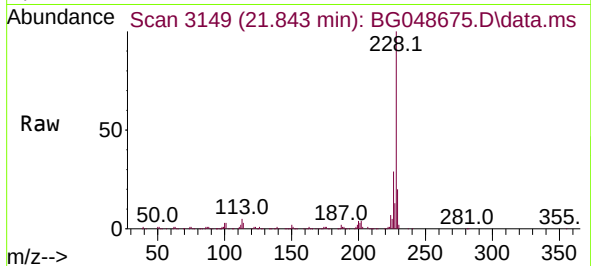
#83  
Chrysene  
Concen: 39.08 ng  
RT: 21.843 min Scan# 3149  
Delta R.T. -0.006 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

Tgt Ion:228 Resp: 365808  
Ion Ratio Lower Upper  
228 100  
226 29.4 20.6 31.0  
229 19.9 16.3 24.5

Instrument :  
BNA\_G  
ClientSampleId :  
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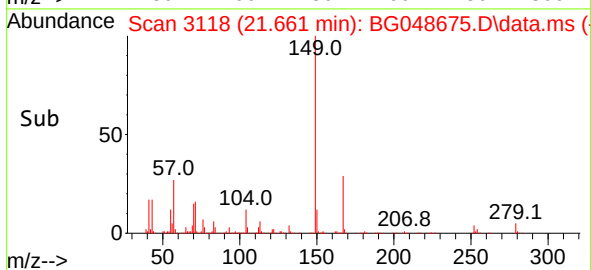
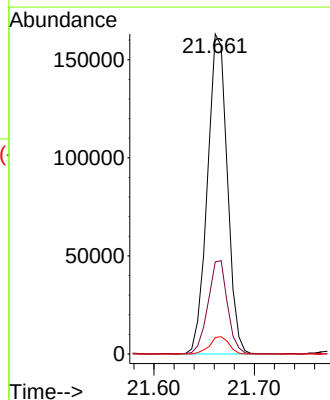
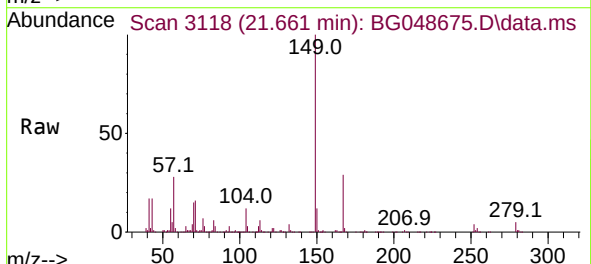
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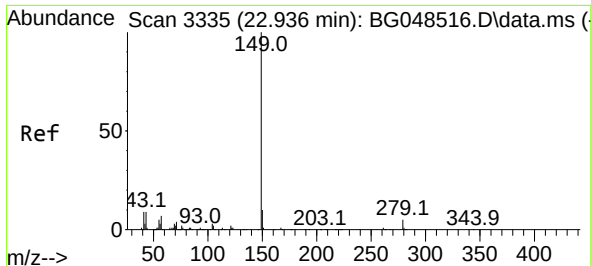
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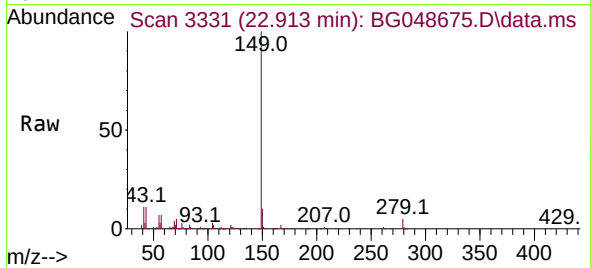
#84  
Bis(2-ethylhexyl)phthalate  
Concen: 43.03 ng  
RT: 21.661 min Scan# 3118  
Delta R.T. -0.017 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

Tgt Ion:149 Resp: 224702  
Ion Ratio Lower Upper  
149 100  
167 28.8 22.4 33.6  
279 5.2 3.4 5.2

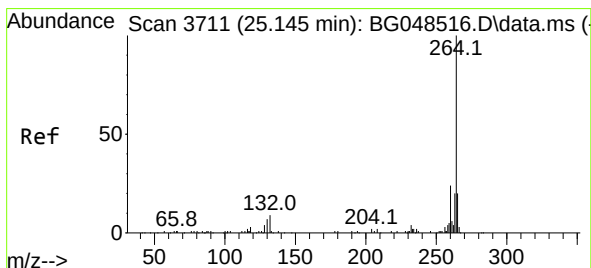
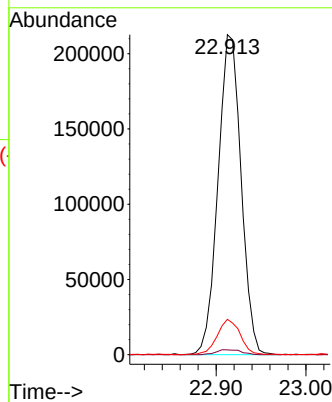
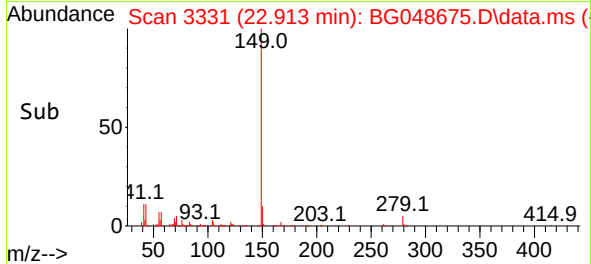




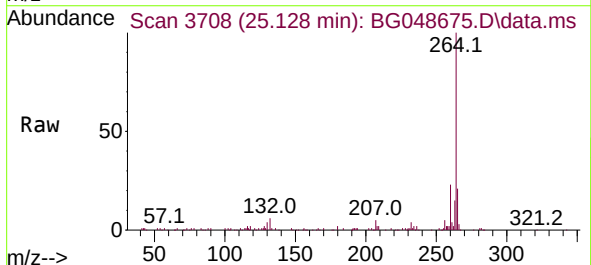
#85  
Di-n-octyl phthalate  
Concen: 41.65 ng  
RT: 22.913 min Scan# 3331  
Delta R.T. -0.023 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37



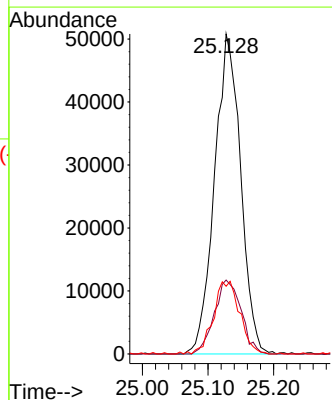
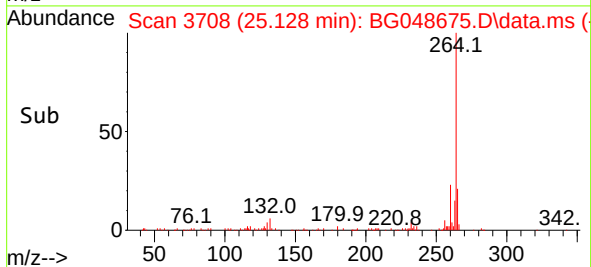
Tgt Ion:149 Resp: 379158  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.2 1.8  
43 11.1 7.4 11.0#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 25.128 min Scan# 3708  
Delta R.T. -0.017 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37



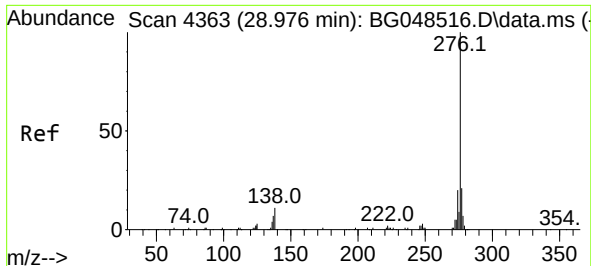
Tgt Ion:264 Resp: 140018  
Ion Ratio Lower Upper  
264 100  
260 23.1 19.1 28.7  
265 21.1 16.1 24.1



Instrument :  
BNA\_G  
ClientSampleId :  
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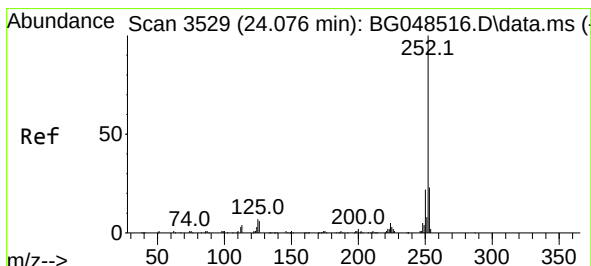
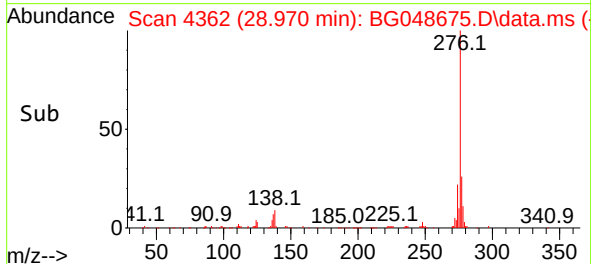
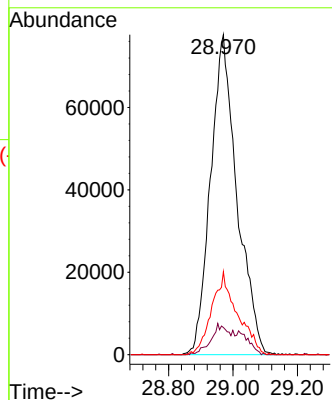
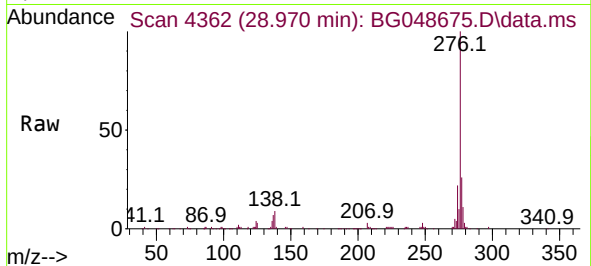
#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 45.11 ng  
 RT: 28.970 min Scan# 4362  
 Delta R.T. -0.006 min  
 Lab File: BG048675.D  
 Acq: 13 Apr 2021 15:37

Tgt Ion: 276 Resp: 442835  
 Ion Ratio Lower Upper  
 276 100  
 138 6.3 7.8 11.8#  
 277 25.0 0.0 0.0#

Instrument :  
 BNA\_G  
 ClientSampleID :  
 PB135702BS

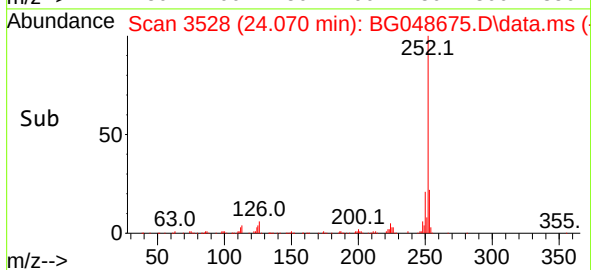
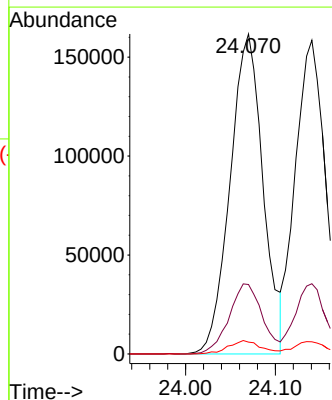
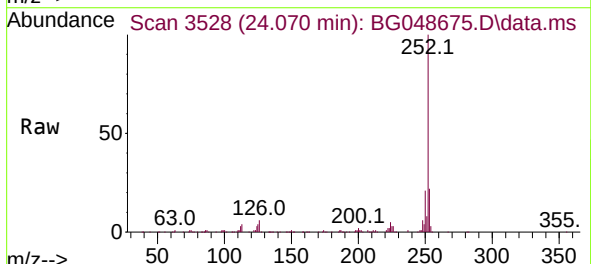
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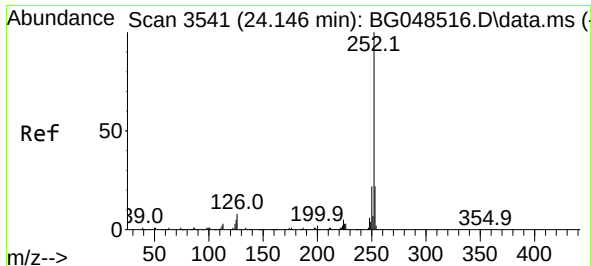
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#88  
 Benzo(b)fluoranthene  
 Concen: 45.35 ng  
 RT: 24.070 min Scan# 3528  
 Delta R.T. -0.006 min  
 Lab File: BG048675.D  
 Acq: 13 Apr 2021 15:37

Tgt Ion: 252 Resp: 412443  
 Ion Ratio Lower Upper  
 252 100  
 253 21.7 18.2 27.4  
 125 3.7 5.3 7.9#





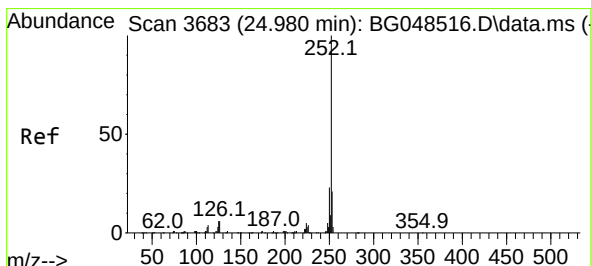
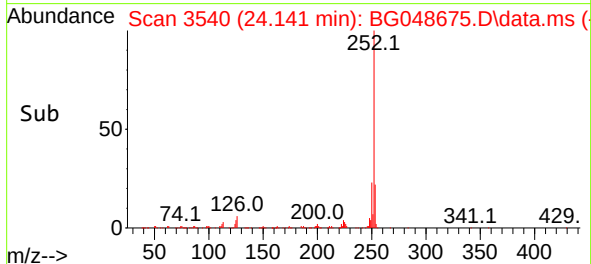
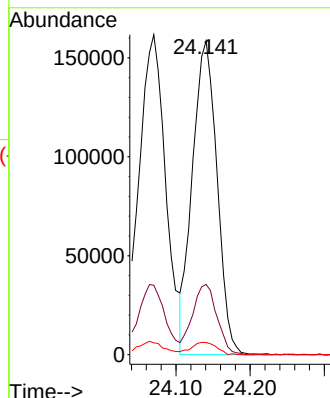
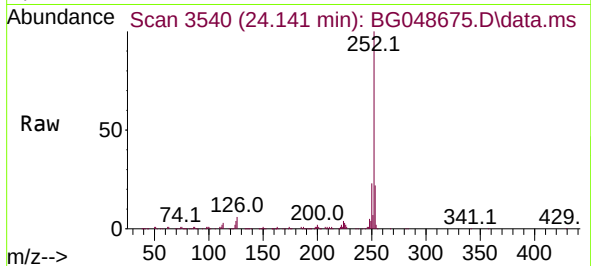
#89  
Benzo(k)fluoranthene  
Concen: 41.88 ng  
RT: 24.141 min Scan# 3540  
Delta R.T. -0.006 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

Tgt Ion:252 Resp: 366200  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.9 26.9  
125 3.9 3.9 5.9#

Instrument :  
BNA\_G  
ClientSampleId :  
PB135702BS

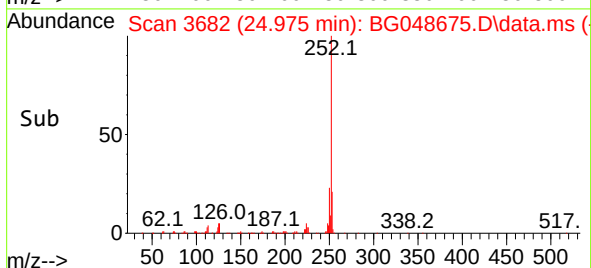
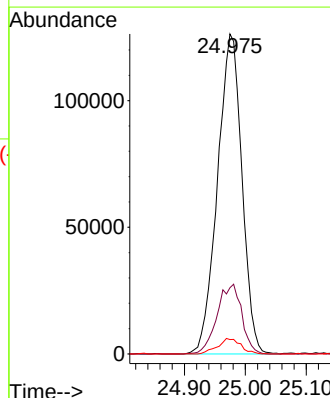
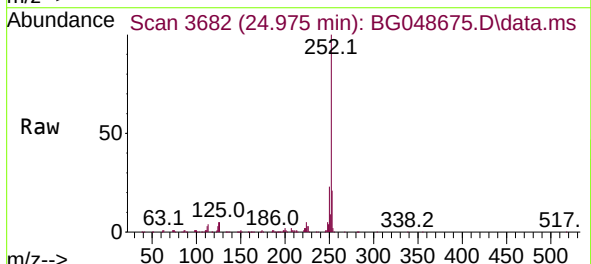
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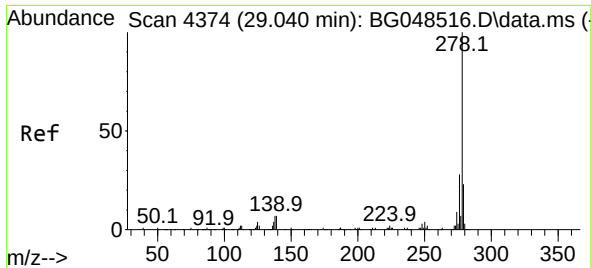


#90  
Benzo(a)pyrene  
Concen: 41.95 ng  
RT: 24.975 min Scan# 3682  
Delta R.T. -0.006 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37

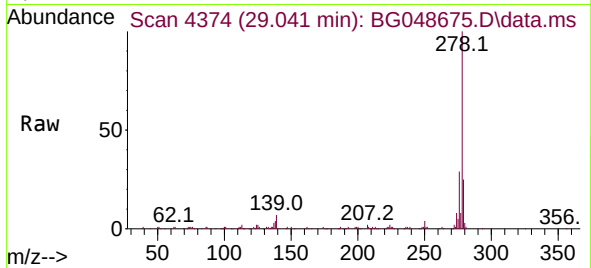
Tgt Ion:252 Resp: 351573  
Ion Ratio Lower Upper  
252 100  
253 20.7 17.1 25.7  
125 4.5 4.4 6.6



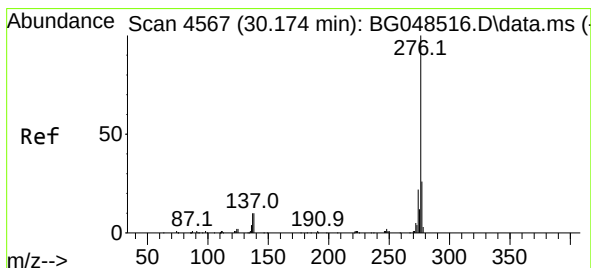
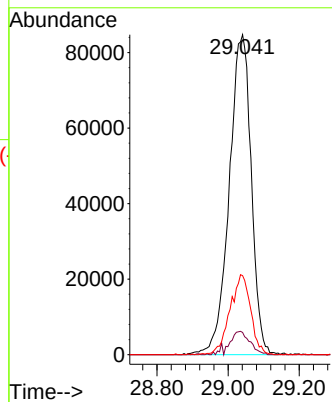
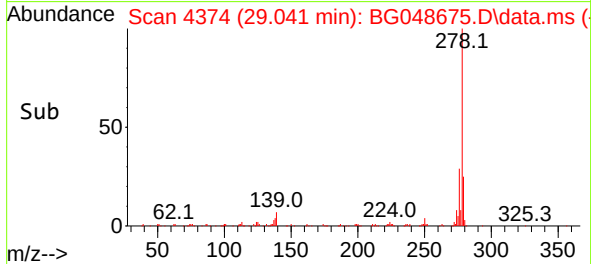




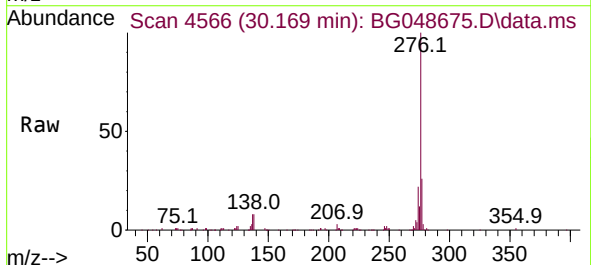
#91  
Dibenzo(a,h)anthracene  
Concen: 43.51 ng  
RT: 29.041 min Scan# 4374  
Delta R.T. 0.000 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37



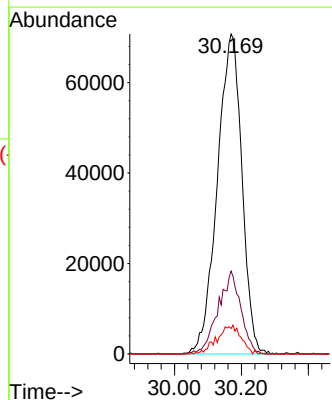
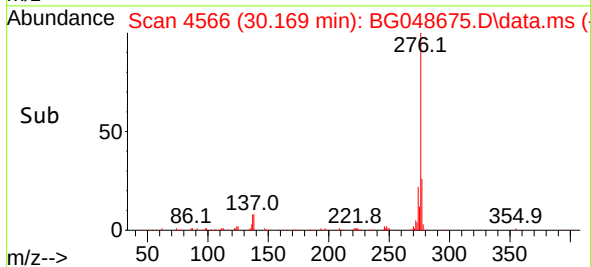
Tgt Ion:278 Resp: 364566  
Ion Ratio Lower Upper  
278 100  
139 7.0 5.8 8.6  
279 24.7 18.6 28.0



#92  
Benzo(g,h,i)perylene  
Concen: 43.94 ng  
RT: 30.169 min Scan# 4566  
Delta R.T. -0.006 min  
Lab File: BG048675.D  
Acq: 13 Apr 2021 15:37



Tgt Ion:276 Resp: 360573  
Ion Ratio Lower Upper  
276 100  
277 25.9 20.4 30.6  
138 8.0 8.1 12.1#



Instrument :  
BNA\_G  
ClientSampleId :  
PB135702BS

Manual Integrations  
APPROVED

mohammad  
4/14/2021 11:51:48 AM