

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG042021\  
 Data File : BG048807.D  
 Acq On : 20 Apr 2021 23:34  
 Operator : CG/JU  
 Sample : M2076-09MS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-15-9.5-10.0MS

Manual Integrations  
 APPROVED

mohammad  
 4/21/2021 11:24:47 AM

Quant Time: Apr 21 04:33:44 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG041421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 20 17:33:30 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.059  | 152  | 15736    | 20.00  | ng    | # 0.00   |
| 21) Naphthalene-d8            | 10.890 | 136  | 68268    | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.721 | 164  | 52090    | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.477 | 188  | 136440   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.778 | 240  | 134094   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12              | 25.097 | 264  | 134365   | 20.00  | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.608  | 112  | 111750   | 118.77 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.224  | 99   | 154564   | 116.14 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.234  | 82   | 109008   | 71.49  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.220 | 330  | 81488    | 116.68 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.341 | 172  | 256030   | 70.98  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.091 | 244  | 520012   | 66.74  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.452  | 88   | 14531    | 39.42  | ng    | 97       |
| 3) Pyridine                   | 3.863  | 79   | 40511    | 42.16  | ng    | 92       |
| 4) n-Nitrosodimethylamine     | 3.775  | 42   | 34772    | 47.40  | ng    | 91       |
| 6) Aniline                    | 7.377  | 93   | 58485    | 39.15  | ng    | # 87     |
| 8) 2-Chlorophenol             | 7.624  | 128  | 53709    | 53.81  | ng    | 94       |
| 9) Benzaldehyde               | 7.189  | 77   | 37388    | 42.40  | ng    | 89       |
| 10) Phenol                    | 7.254  | 94   | 74908    | 57.24  | ng    | 97       |
| 11) bis(2-Chloroethyl)ether   | 7.471  | 93   | 44244    | 50.17  | ng    | 89       |
| 12) 1,3-Dichlorobenzene       | 7.947  | 146  | 57050    | 49.71  | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 8.094  | 146  | 56417    | 48.24  | ng    | 94       |
| 14) 1,2-Dichlorobenzene       | 8.417  | 146  | 56301    | 52.18  | ng    | 94       |
| 15) Benzyl Alcohol            | 8.299  | 79   | 63102    | 53.81  | ng    | 96       |
| 16) 2,2'-oxybis(1-Chloropr... | 8.593  | 45   | 47859    | 50.06  | ng    | 94       |
| 17) 2-Methylphenol            | 8.511  | 107  | 47867    | 57.30  | ng    | 96       |
| 18) Hexachloroethane          | 9.151  | 117  | 22191    | 48.31  | ng    | 90       |
| 19) n-Nitroso-di-n-propyla... | 8.869  | 70   | 47060    | 52.41  | ng    | # 92     |
| 20) 3+4-Methylphenols         | 8.840  | 107  | 65521    | 56.84  | ng    | 97       |
| 22) Acetophenone              | 8.893  | 105  | 87224    | 49.09  | ng    | # 99     |
| 24) Nitrobenzene              | 9.275  | 77   | 71008    | 46.69  | ng    | 96       |
| 25) Isophorone                | 9.804  | 82   | 125325   | 46.48  | ng    | 98       |
| 26) 2-Nitrophenol             | 9.992  | 139  | 30634    | 46.53  | ng    | # 90     |
| 27) 2,4-Dimethylphenol        | 10.056 | 122  | 59125    | 58.42  | ng    | 92       |
| 28) bis(2-Chloroethoxy)met... | 10.285 | 93   | 62184    | 52.93  | ng    | # 90     |
| 29) 2,4-Dichlorophenol        | 10.538 | 162  | 59437    | 52.08  | ng    | 91       |
| 30) 1,2,4-Trichlorobenzene    | 10.749 | 180  | 62625    | 47.32  | ng    | 96       |
| 31) Naphthalene               | 10.943 | 128  | 170292   | 48.61  | ng    | 98       |
| 32) Benzoic acid              | 10.221 | 122  | 24687    | 41.63  | ng    | # 72     |
| 33) 4-Chloroaniline           | 11.049 | 127  | 25720    | 17.65  | ng    | # 89     |
| 34) Hexachlorobutadiene       | 11.225 | 225  | 42868    | 43.63  | ng    | 92       |
| 35) Caprolactam               | 11.825 | 113  | 23063m   | 59.47  | ng    |          |
| 36) 4-Chloro-3-methylphenol   | 12.183 | 107  | 70041    | 54.19  | ng    | 96       |
| 37) 2-Methylnaphthalene       | 12.547 | 142  | 136874   | 48.90  | ng    | 97       |
| 38) 1-Methylnaphthalene       | 12.771 | 142  | 126720   | 48.65  | ng    | 97       |
| 40) 1,2,4,5-Tetrachloroben... | 12.918 | 216  | 77873    | 45.93  | ng    | 96       |
| 41) Hexachlorocyclopentadiene | 12.894 | 237  | 76975    | 83.00  | ng    | 94       |
| 43) 2,4,6-Trichlorophenol     | 13.158 | 196  | 53389    | 47.18  | ng    | 97       |

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Manual Integrations  
 APPROVED

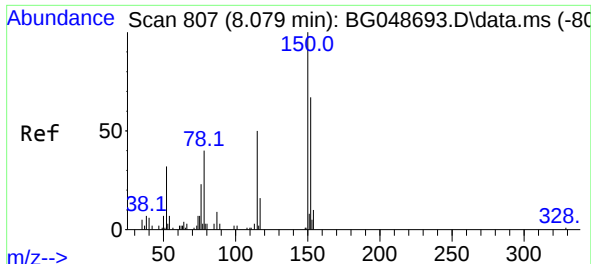
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 4/21/2021 11:24:47 AM

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| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 13.229 | 196  | 61104    | 50.85  | ng    | 88       |
| 46) 1,1'-Biphenyl             | 13.552 | 154  | 188353   | 48.95  | ng    | 98       |
| 47) 2-Chloronaphthalene       | 13.599 | 162  | 138957   | 47.28  | ng    | 98       |
| 48) 2-Nitroaniline            | 13.805 | 65   | 53246    | 50.42  | ng    | 91       |
| 49) Acenaphthylene            | 14.445 | 152  | 242132   | 52.81  | ng    | 96       |
| 50) Dimethylphthalate         | 14.175 | 163  | 207964   | 53.22  | ng    | 98       |
| 51) 2,6-Dinitrotoluene        | 14.298 | 165  | 45897    | 50.91  | ng    | 87       |
| 52) Acenaphthene              | 14.786 | 154  | 151157   | 51.91  | ng    | 99       |
| 53) 3-Nitroaniline            | 14.627 | 138  | 26247    | 30.33  | ng    | 87       |
| 54) 2,4-Dinitrophenol         | 14.839 | 184  | 49545    | 90.80  | ng    | 97       |
| 55) Dibenzofuran              | 15.121 | 168  | 235715   | 48.90  | ng    | 98       |
| 56) 4-Nitrophenol             | 14.956 | 139  | 70739    | 110.33 | ng    | 96       |
| 57) 2,4-Dinitrotoluene        | 15.086 | 165  | 66465    | 50.77  | ng    | 96       |
| 58) Fluorene                  | 15.773 | 166  | 206597   | 52.19  | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol | 15.350 | 232  | 55472    | 49.89  | ng    | 98       |
| 60) Diethylphthalate          | 15.532 | 149  | 211076   | 52.22  | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 15.761 | 204  | 107419   | 49.34  | ng    | 99       |
| 62) 4-Nitroaniline            | 15.797 | 138  | 47321    | 51.14  | ng    | 95       |
| 63) Azobenzene                | 16.055 | 77   | 204110   | 50.14  | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 15.849 | 198  | 38234    | 41.86  | ng    | 97       |
| 66) n-Nitrosodiphenylamine    | 15.979 | 169  | 187889   | 48.72  | ng    | 93       |
| 67) 4-Bromophenyl-phenylether | 16.660 | 248  | 72512    | 46.18  | ng    | 95       |
| 68) Hexachlorobenzene         | 16.778 | 284  | 75148    | 47.24  | ng    | 97       |
| 69) Atrazine                  | 16.930 | 200  | 83057    | 51.79  | ng    | 99       |
| 70) Pentachlorophenol         | 17.130 | 266  | 78496    | 92.61  | ng    | 96       |
| 71) Phenanthrene              | 17.524 | 178  | 347861   | 49.12  | ng    | 97       |
| 72) Anthracene                | 17.612 | 178  | 350909   | 50.08  | ng    | 99       |
| 73) Carbazole                 | 17.888 | 167  | 315038   | 46.94  | ng    | 97       |
| 74) Di-n-butylphthalate       | 18.435 | 149  | 380091   | 50.51  | ng    | 99       |
| 75) Fluoranthene              | 19.533 | 202  | 424607   | 47.41  | ng    | 99       |
| 77) Benzidine                 | 19.715 | 184  | 239675   | 65.82  | ng    | 99       |
| 78) Pyrene                    | 19.898 | 202  | 418363   | 45.10  | ng    | 98       |
| 80) Butylbenzylphthalate      | 20.779 | 149  | 169834   | 46.82  | ng    | 95       |
| 81) Benzo(a)anthracene        | 21.760 | 228  | 421442   | 45.99  | ng    | 97       |
| 82) 3,3'-Dichlorobenzidine    | 21.666 | 252  | 67661    | 21.53  | ng    | # 97     |
| 83) Chrysene                  | 21.825 | 228  | 392443   | 44.96  | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.648 | 149  | 238184   | 46.90  | ng    | 99       |
| 85) Di-n-octyl phthalate      | 22.894 | 149  | 412421   | 47.70  | ng    | 100      |
| 87) Indeno(1,2,3-cd)pyrene    | 28.928 | 276  | 479504   | 48.59  | ng    | # 97     |
| 88) Benzo(b)fluoranthene      | 24.046 | 252  | 429689   | 47.14  | ng    | # 97     |
| 89) Benzo(k)fluoranthene      | 24.116 | 252  | 388929m  | 45.37  | ng    |          |
| 90) Benzo(a)pyrene            | 24.950 | 252  | 380165   | 45.27  | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 28.993 | 278  | 396059   | 46.79  | ng    | # 93     |
| 92) Benzo(g,h,i)perylene      | 30.133 | 276  | 394776   | 47.25  | ng    | # 96     |

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





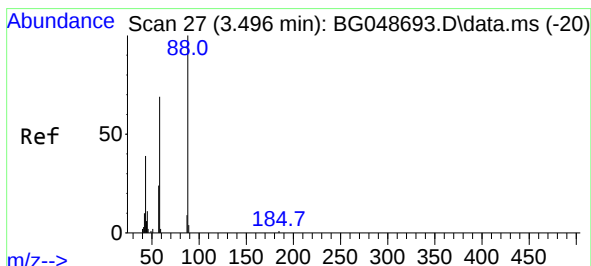
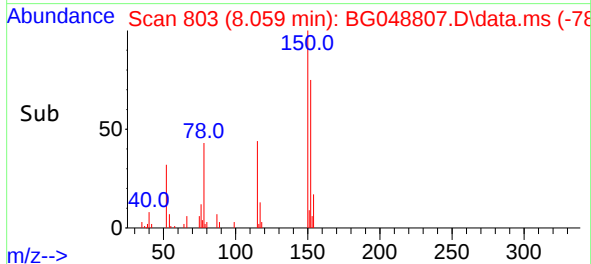
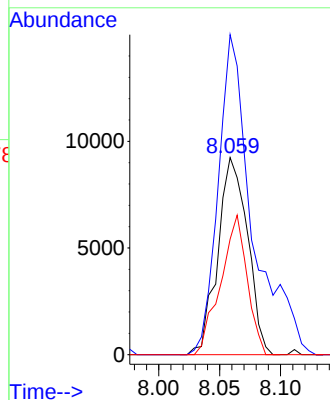
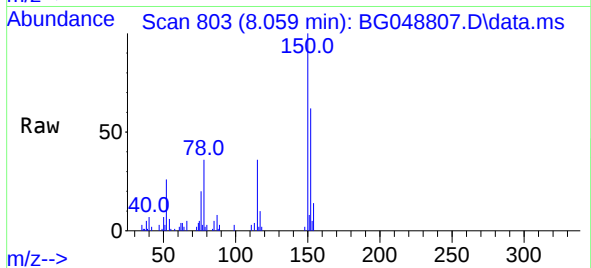
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1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.059 min Scan# 803  
Delta R.T. -0.002 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

Tgt Ion: 152 Resp: 15736  
Ion Ratio Lower Upper  
152 100  
150 162.3 119.4 179.0  
115 58.6 60.2 90.4#

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BNA\_G  
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SB-15-9.5-10.0MS

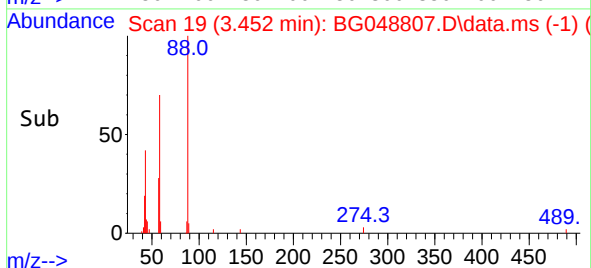
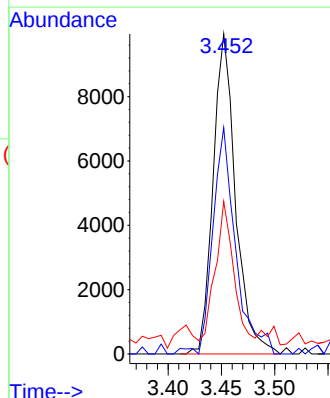
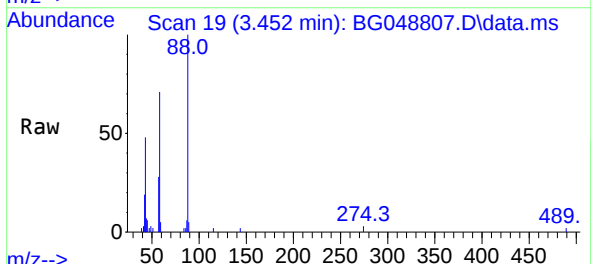
Manual Integrations  
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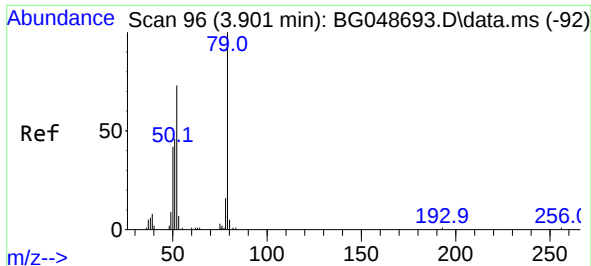
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#2  
1,4-Dioxane  
Concen: 39.42 ng  
RT: 3.452 min Scan# 19  
Delta R.T. -0.009 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

Tgt Ion: 88 Resp: 14531  
Ion Ratio Lower Upper  
88 100  
58 72.1 55.7 83.5  
43 37.6 29.3 43.9





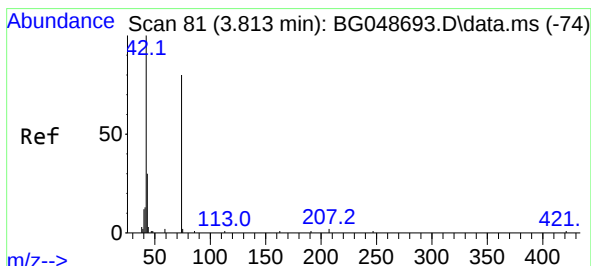
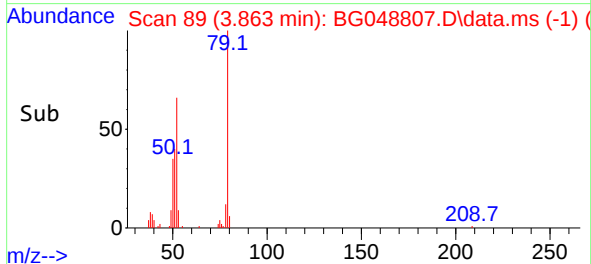
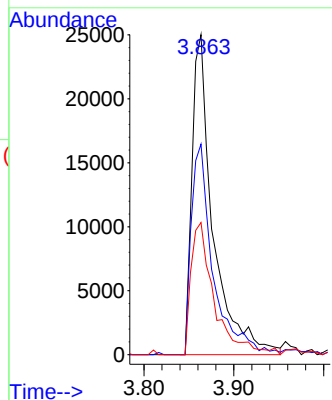
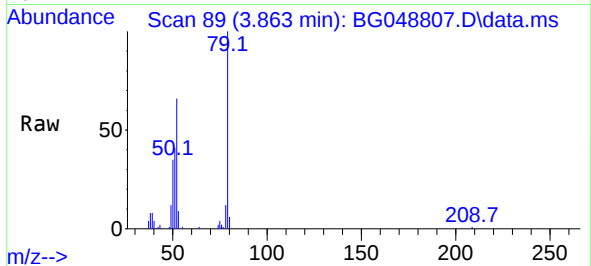
#3  
Pyridine  
Concen: 42.16 ng  
RT: 3.863 min Scan# 89  
Delta R.T. -0.009 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 79    | Resp: | 40511 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 52       | 65.8  | 58.4  | 87.6  |
| 51       | 41.3  | 37.0  | 55.6  |

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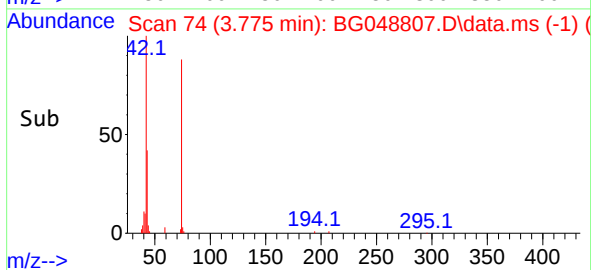
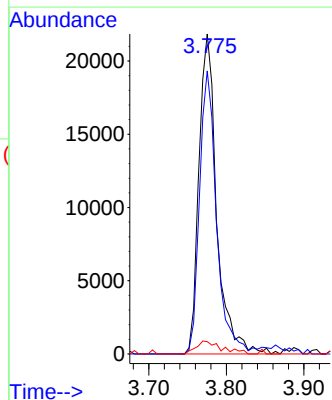
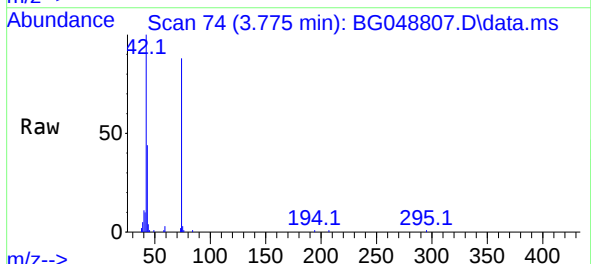
Manual Integrations  
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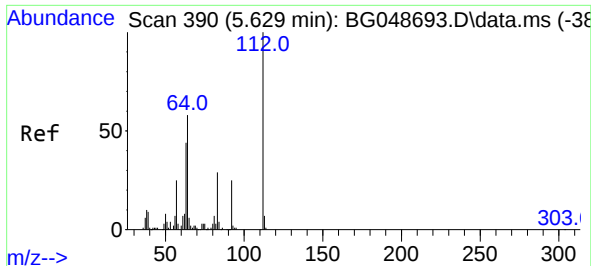
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#4  
n-Nitrosodimethylamine  
Concen: 47.40 ng  
RT: 3.775 min Scan# 74  
Delta R.T. -0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 34772 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 88.4  | 64.0  | 96.0  |
| 44       | 3.8   | 2.7   | 4.1   |





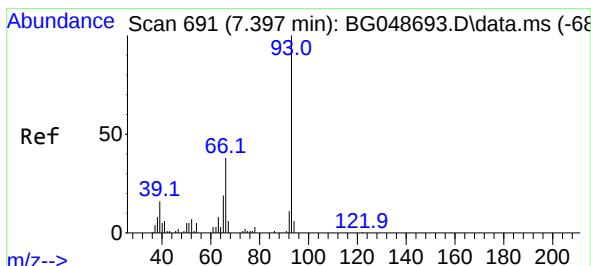
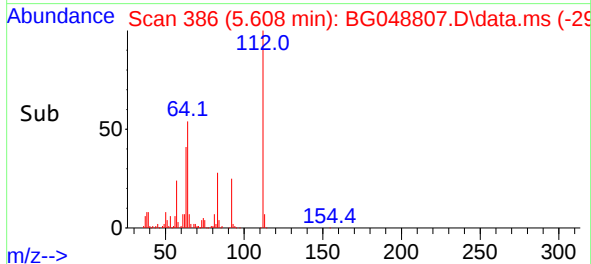
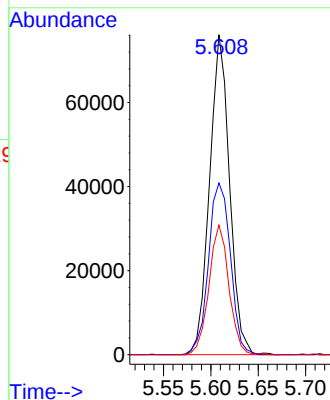
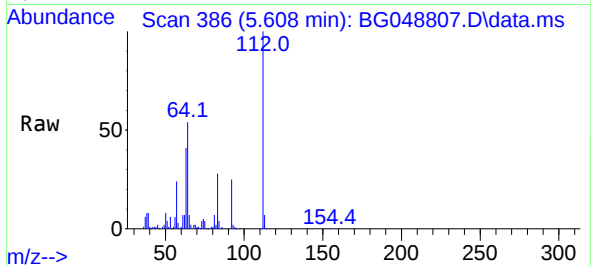
#5  
2-Fluorophenol  
Concen: 118.77 ng  
RT: 5.608 min Scan# 386  
Delta R.T. 0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

Tgt Ion: 112 Resp: 111750  
Ion Ratio Lower Upper  
112 100  
64 53.7 46.7 70.1  
63 40.5 35.3 52.9

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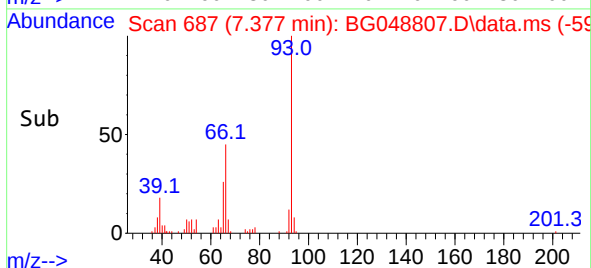
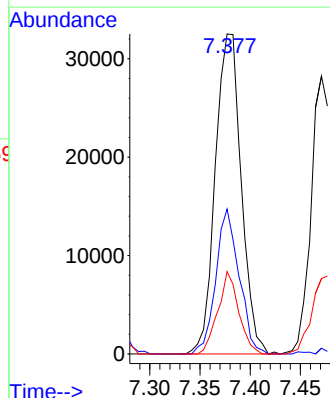
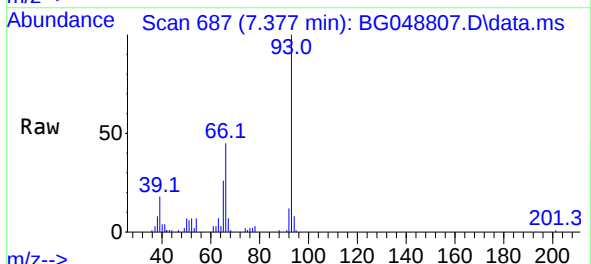
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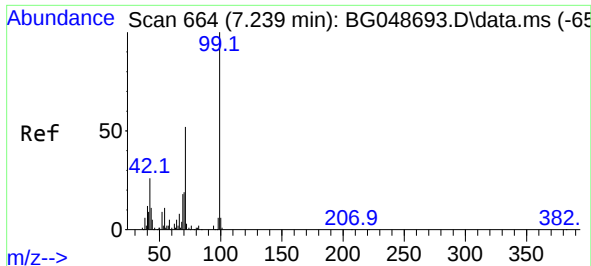
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#6  
Aniline  
Concen: 39.15 ng  
RT: 7.377 min Scan# 687  
Delta R.T. -0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

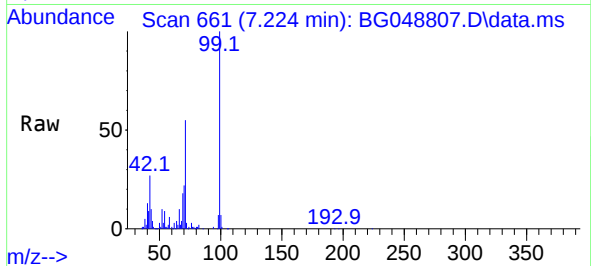
Tgt Ion: 93 Resp: 58485  
Ion Ratio Lower Upper  
93 100  
66 45.3 30.6 45.8  
65 25.8 15.0 22.4#





#7  
Phenol-d6  
Concen: 116.14 ng  
RT: 7.224 min Scan# 661  
Delta R.T. 0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

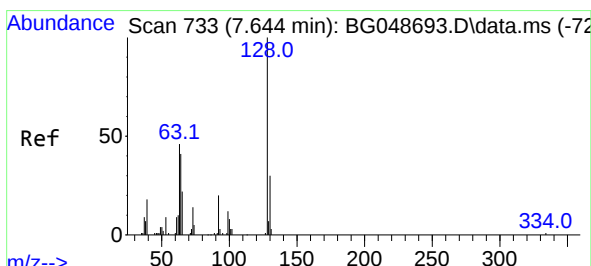
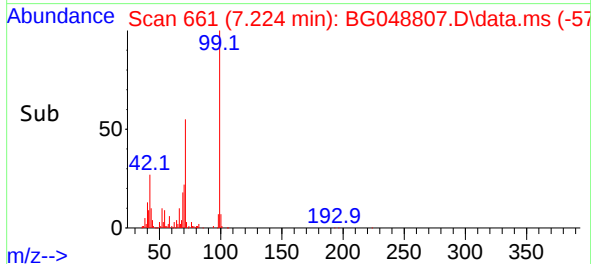
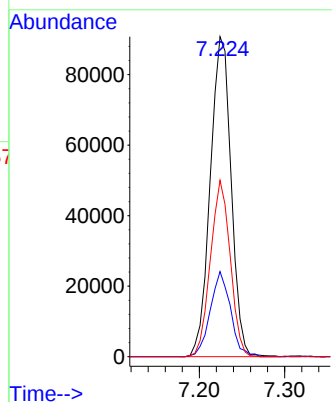
Instrument :  
BNA\_G  
ClientSampleId :  
SB-15-9.5-10.0MS



Tgt Ion: 99 Resp: 154564  
Ion Ratio Lower Upper  
99 100  
42 26.6 20.5 30.7  
71 55.1 41.5 62.3

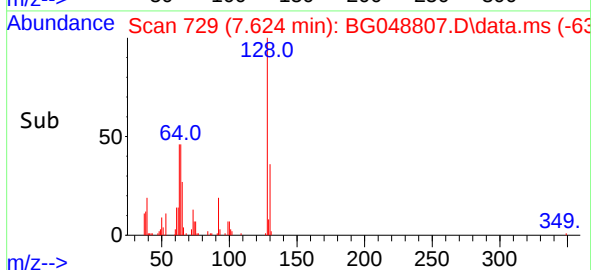
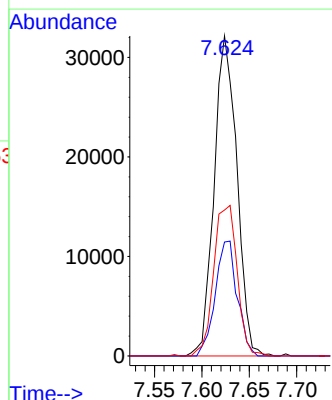
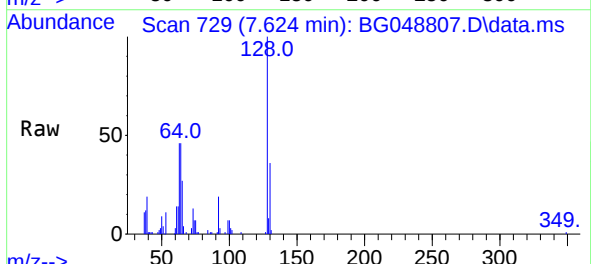
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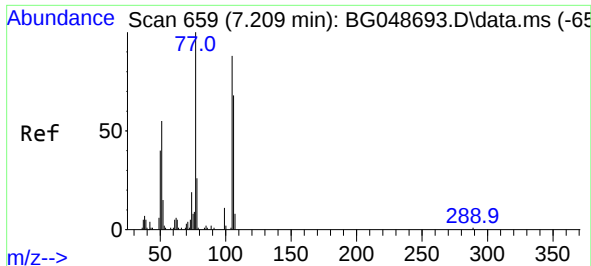
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#8  
2-Chlorophenol  
Concen: 53.81 ng  
RT: 7.624 min Scan# 729  
Delta R.T. -0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

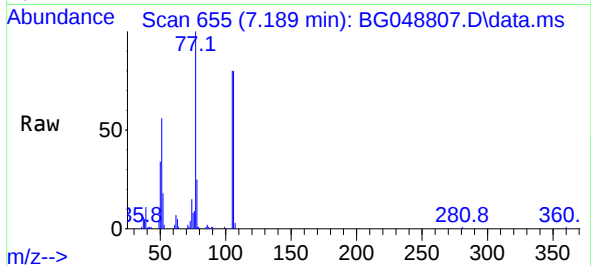
Tgt Ion: 128 Resp: 53709  
Ion Ratio Lower Upper  
128 100  
130 35.6 10.0 50.0  
64 45.6 28.1 68.1





#9  
Benzaldehyde  
Concen: 42.40 ng  
RT: 7.189 min Scan# 655  
Delta R.T. -0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

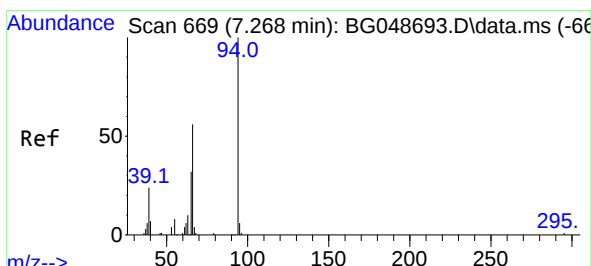
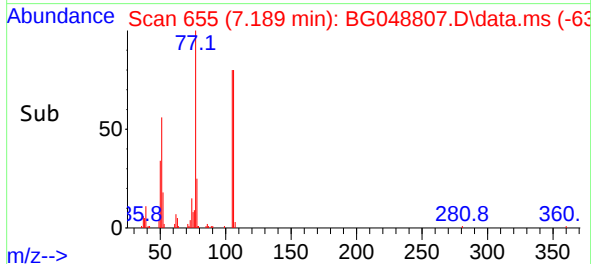
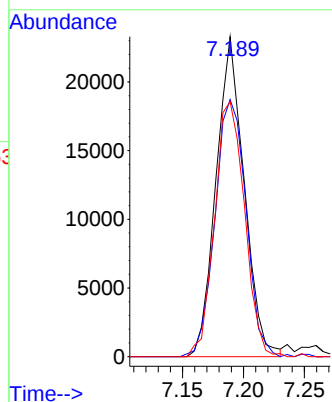
Instrument :  
BNA\_G  
ClientSampleId :  
SB-15-9.5-10.0MS



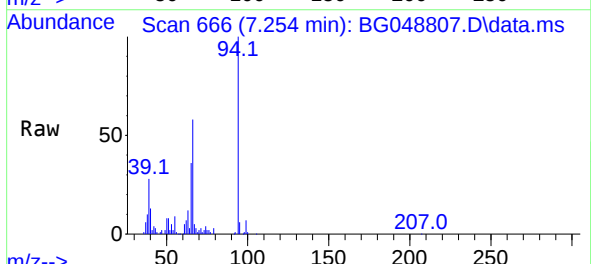
Tgt Ion: 77 Resp: 37388  
Ion Ratio Lower Upper  
77 100  
105 80.4 68.8 108.8  
106 79.7 47.9 87.9

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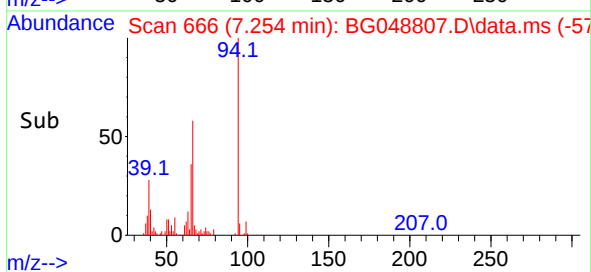
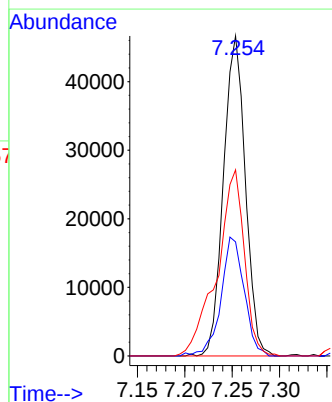
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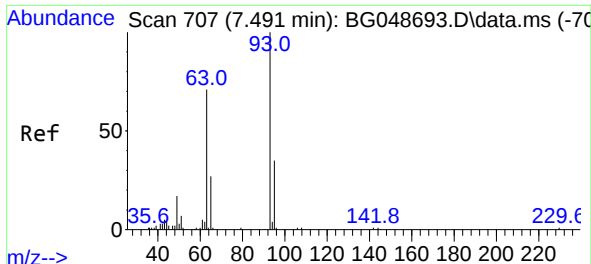


#10  
Phenol  
Concen: 57.24 ng  
RT: 7.254 min Scan# 666  
Delta R.T. 0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34



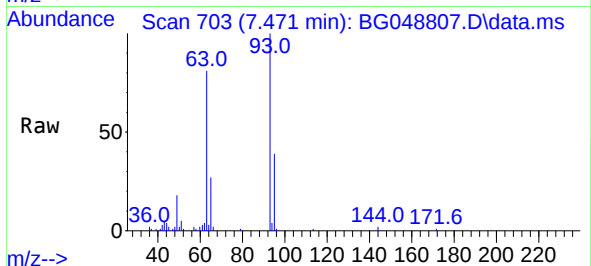
Tgt Ion: 94 Resp: 74908  
Ion Ratio Lower Upper  
94 100  
65 35.7 12.9 52.9  
66 58.2 39.4 79.4





#11  
bis(2-Chloroethyl)ether  
Concen: 50.17 ng  
RT: 7.471 min Scan# 703  
Delta R.T. -0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

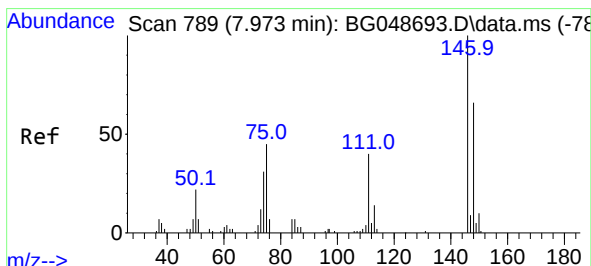
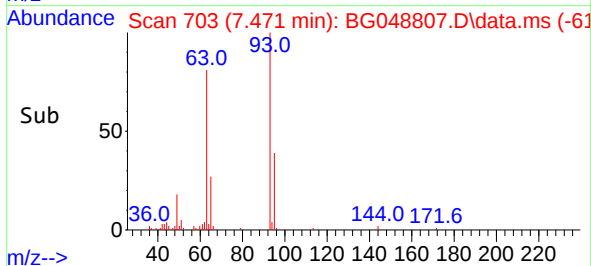
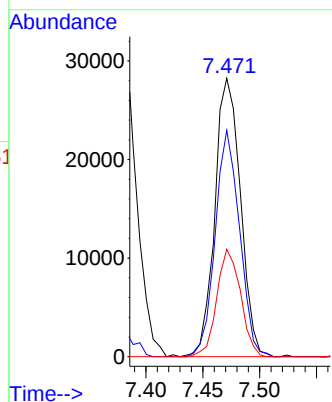
Instrument :  
BNA\_G  
ClientSampleId :  
SB-15-9.5-10.0MS



Tgt Ion: 93 Resp: 44244  
Ion Ratio Lower Upper  
93 100  
63 81.3 50.4 90.4  
95 38.6 15.3 55.3

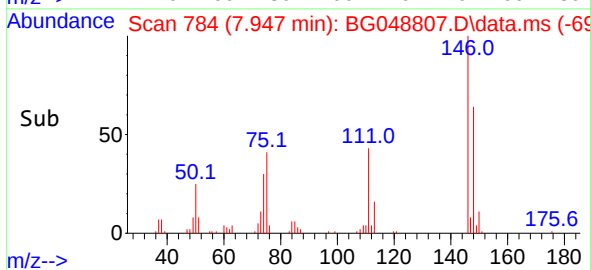
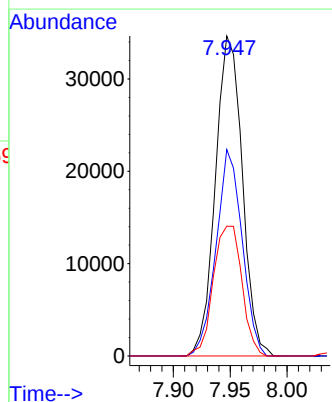
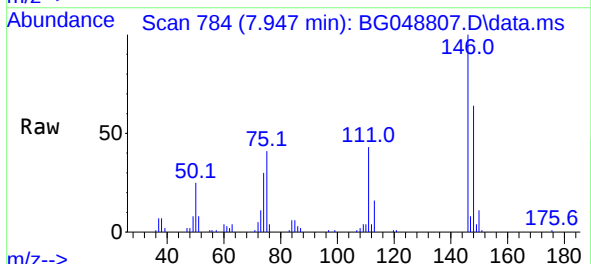
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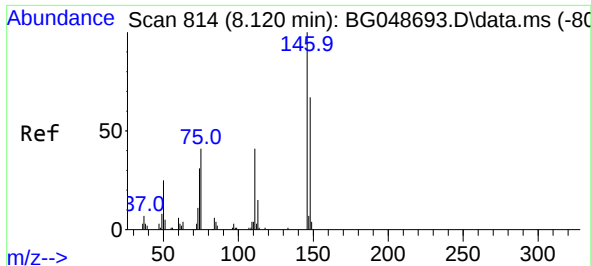
mohammad  
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#12  
1,3-Dichlorobenzene  
Concen: 49.71 ng  
RT: 7.947 min Scan# 784  
Delta R.T. -0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

Tgt Ion: 146 Resp: 57050  
Ion Ratio Lower Upper  
146 100  
148 64.5 52.6 78.8  
75 40.5 35.7 53.5





#13

1,4-Dichlorobenzene

Concen: 48.24 ng

RT: 8.094 min Scan# 809

Delta R.T. -0.003 min

Lab File: BG048807.D

Acq: 20 Apr 2021 23:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 56417 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 60.4  | 54.0  | 81.0  |
| 111       | 44.5  | 34.3  | 51.5  |

Instrument :

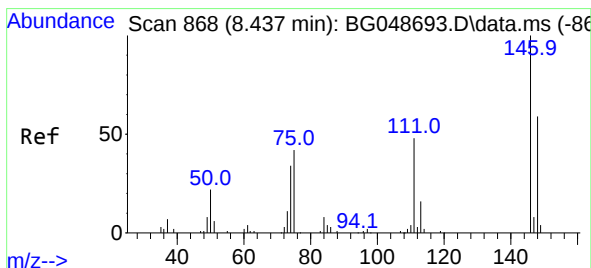
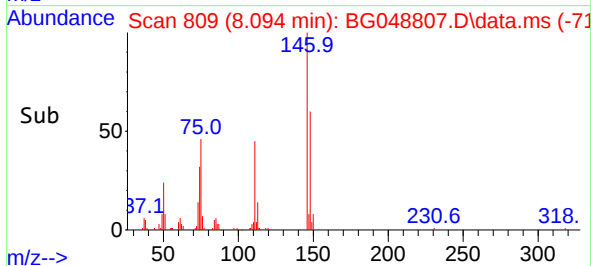
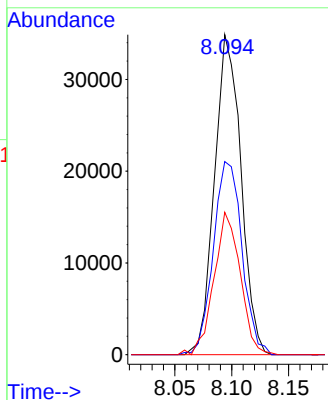
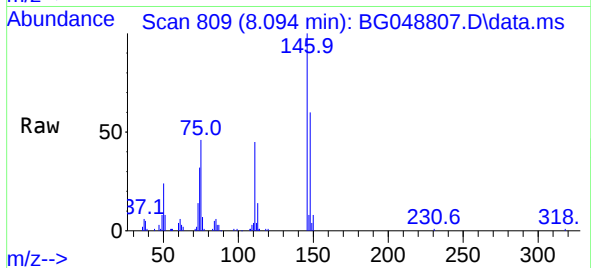
BNA\_G

ClientSampleId :

SB-15-9.5-10.0MS

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#14

1,2-Dichlorobenzene

Concen: 52.18 ng

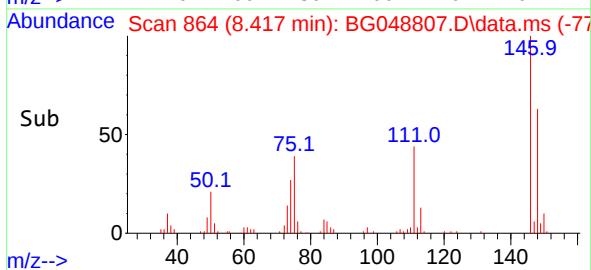
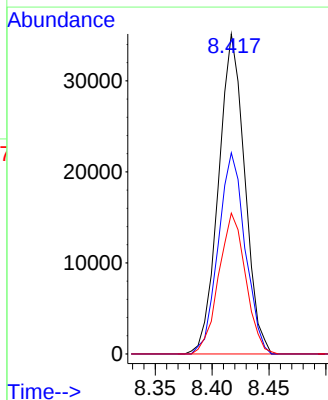
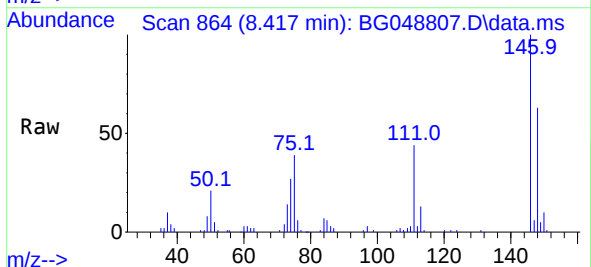
RT: 8.417 min Scan# 864

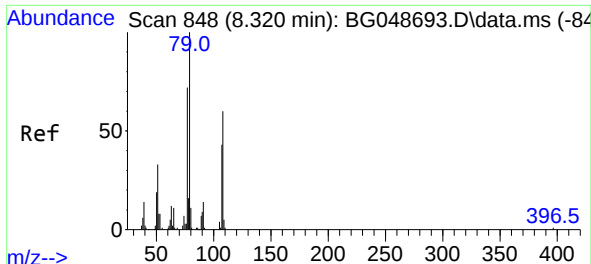
Delta R.T. -0.003 min

Lab File: BG048807.D

Acq: 20 Apr 2021 23:34

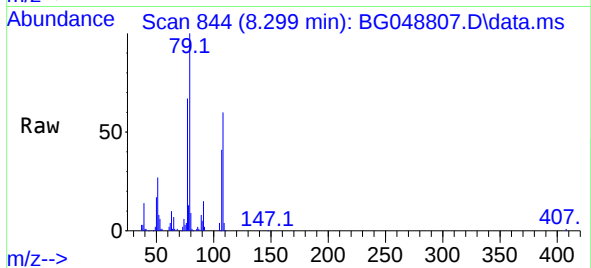
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 56301 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 62.9  | 47.5  | 71.3  |
| 111       | 44.0  | 39.1  | 58.7  |





#15  
Benzyl Alcohol  
Concen: 53.81 ng  
RT: 8.299 min Scan# 844  
Delta R.T. -0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

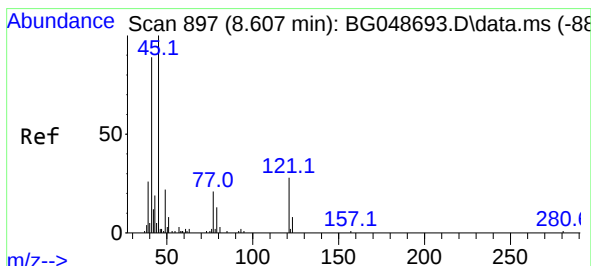
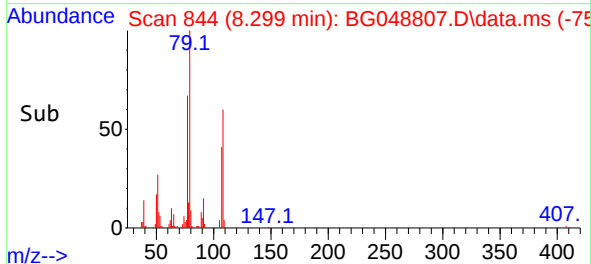
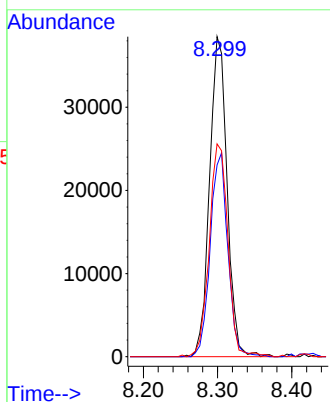
Instrument :  
BNA\_G  
ClientSampleId :  
SB-15-9.5-10.0MS



Tgt Ion: 79 Resp: 63102  
Ion Ratio Lower Upper  
79 100  
108 59.9 48.2 72.4  
77 66.5 57.3 85.9

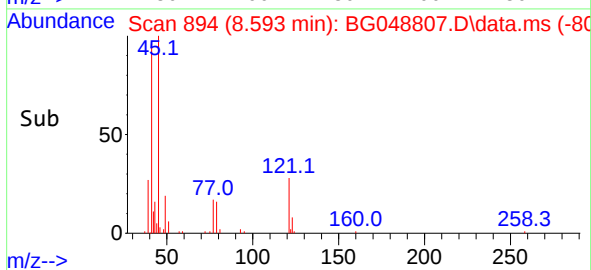
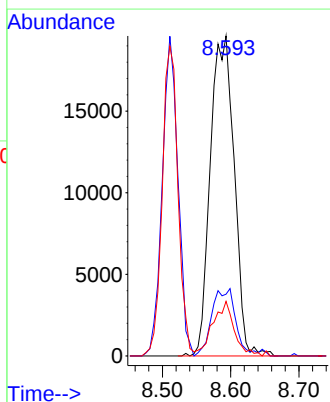
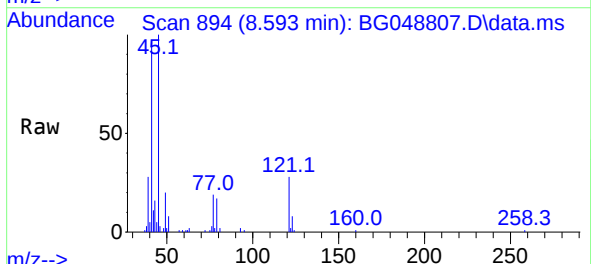
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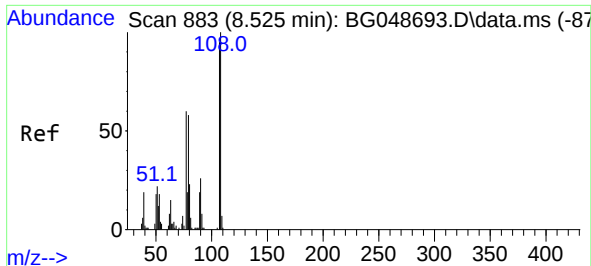
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 50.06 ng  
RT: 8.593 min Scan# 894  
Delta R.T. 0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

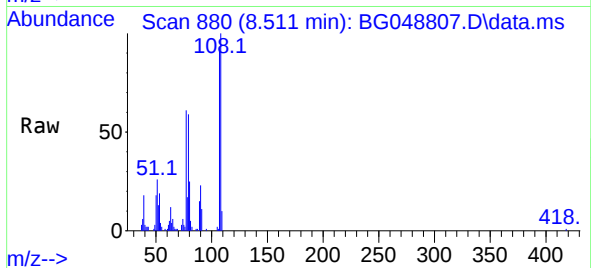
Tgt Ion: 45 Resp: 47859  
Ion Ratio Lower Upper  
45 100  
77 19.3 2.2 42.2  
79 17.1 0.0 34.3





#17  
2-Methylphenol  
Concen: 57.30 ng  
RT: 8.511 min Scan# 880  
Delta R.T. -0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

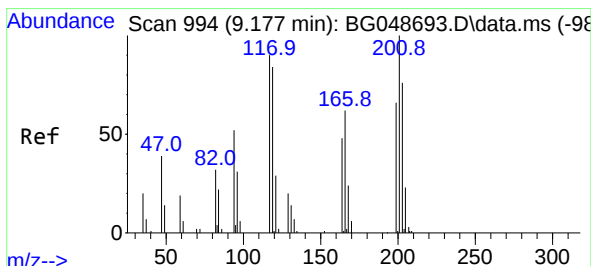
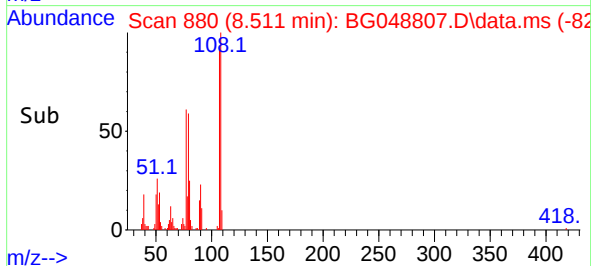
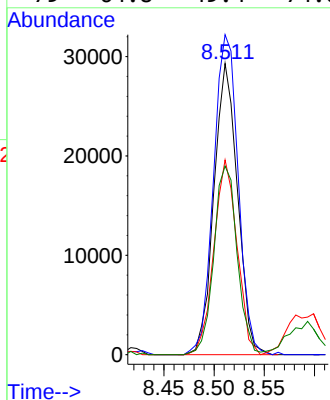
Instrument :  
BNA\_G  
ClientSampleId :  
SB-15-9.5-10.0MS



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 47867 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 109.9 | 84.6  | 127.0 |
| 77       | 66.9  | 50.7  | 76.1  |
| 79       | 64.8  | 49.4  | 74.0  |

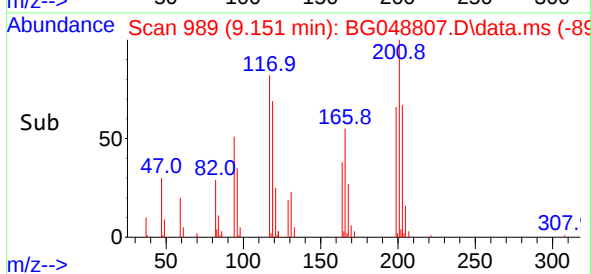
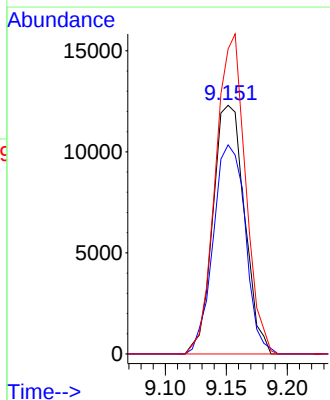
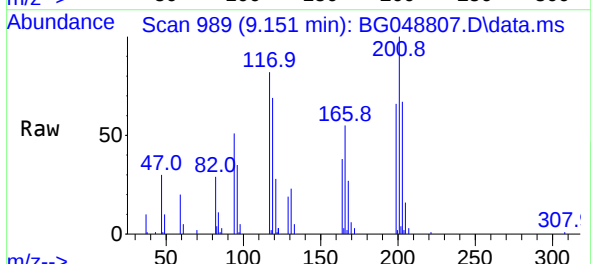
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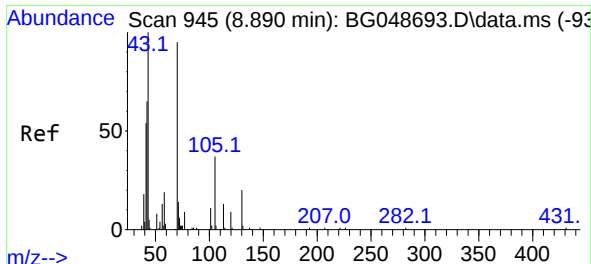
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#18  
Hexachloroethane  
Concen: 48.31 ng  
RT: 9.151 min Scan# 989  
Delta R.T. -0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 22191 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 84.1  | 74.4  | 111.6 |
| 201      | 122.6 | 88.6  | 133.0 |





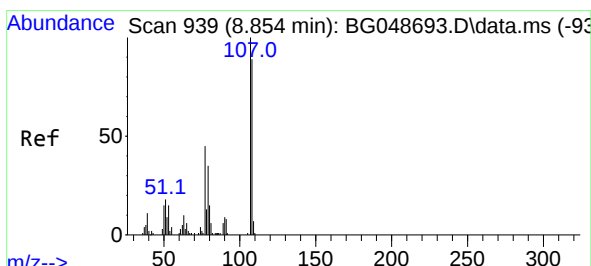
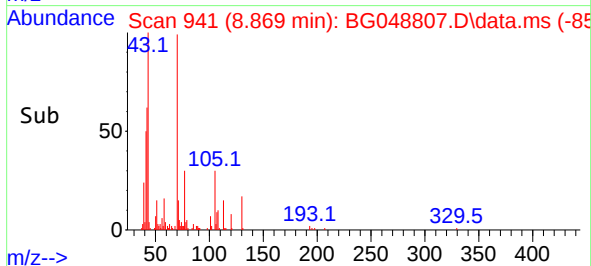
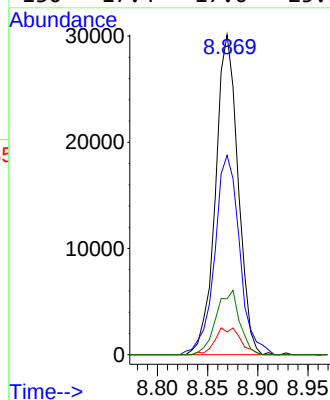
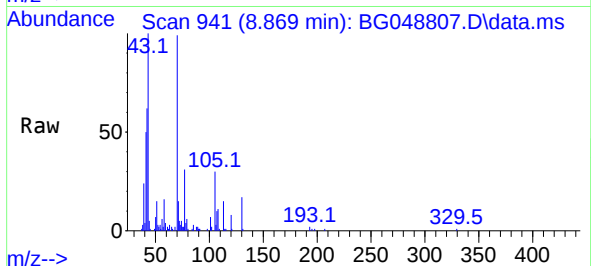
#19  
n-Nitroso-di-n-propylamine  
Concen: 52.41 ng  
RT: 8.869 min Scan# 941  
Delta R.T. -0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 47060 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 62.3  | 54.5  | 81.7  |
| 101      | 7.1   | 9.0   | 13.6# |
| 130      | 17.4  | 17.0  | 25.6  |

Instrument :  
BNA\_G  
ClientSampleId :  
SB-15-9.5-10.0MS

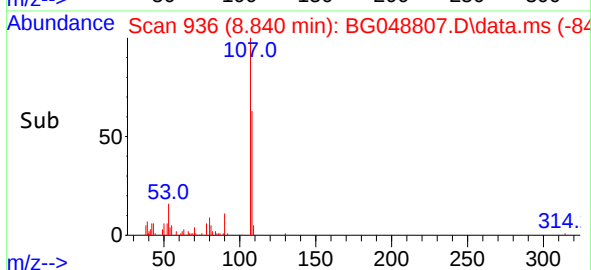
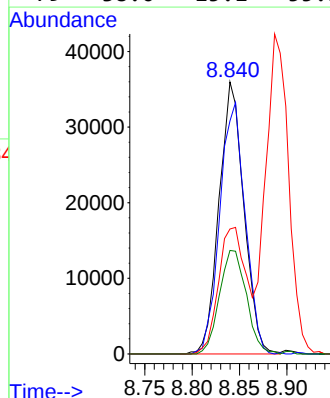
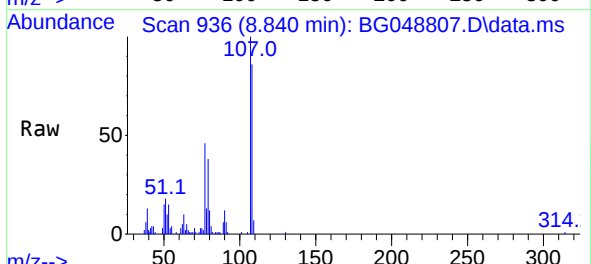
Manual Integrations  
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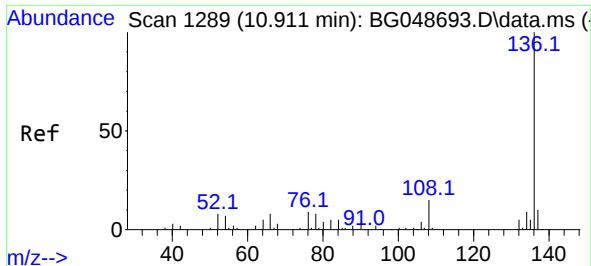
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#20  
3+4-Methylphenols  
Concen: 56.84 ng  
RT: 8.840 min Scan# 936  
Delta R.T. -0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 65521 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 85.6  | 69.3  | 109.3 |
| 77       | 45.9  | 25.2  | 65.2  |
| 79       | 38.0  | 15.1  | 55.1  |





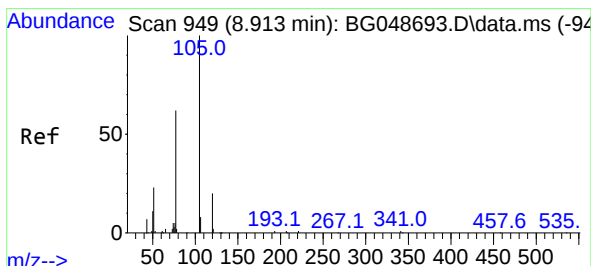
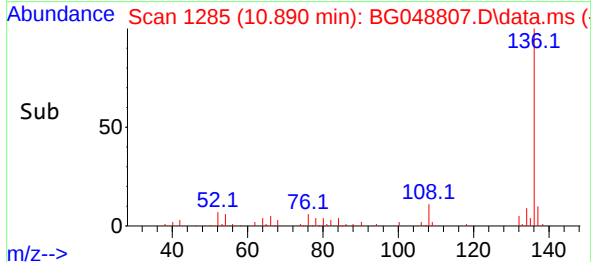
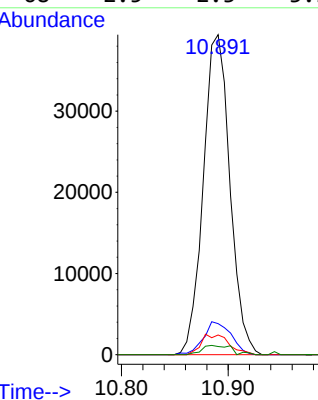
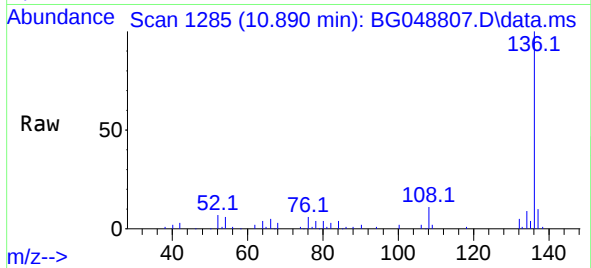
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.890 min Scan# 1285  
Delta R.T. -0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 68268 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 9.7   | 8.2   | 12.2  |
| 54        | 6.2   | 5.5   | 8.3   |
| 68        | 2.5   | 2.3   | 3.5   |

Instrument :  
BNA\_G  
ClientSampleId :  
SB-15-9.5-10.0MS

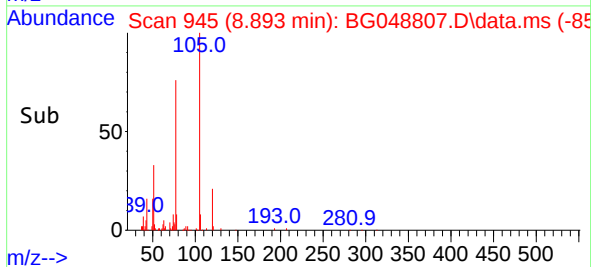
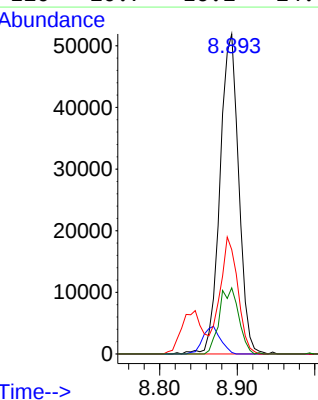
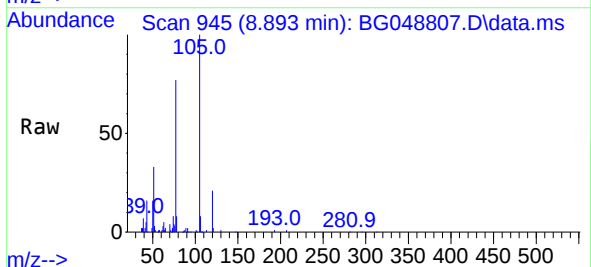
Manual Integrations  
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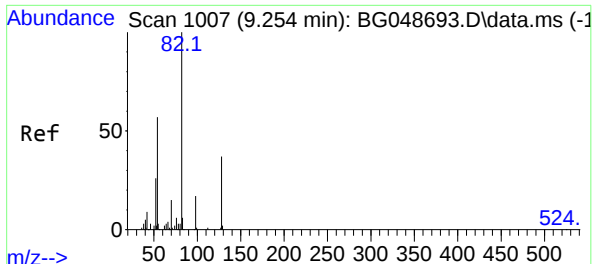
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#22  
Acetophenone  
Concen: 49.09 ng  
RT: 8.893 min Scan# 945  
Delta R.T. 0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

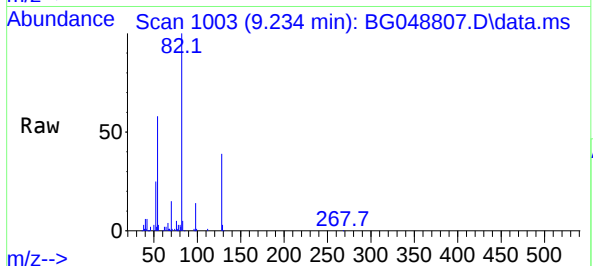
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 87224 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 71        | 0.5   | 0.6   | 0.8#  |
| 51        | 32.6  | 26.6  | 40.0  |
| 120       | 20.7  | 16.2  | 24.4  |





#23  
Nitrobenzene-d5  
Concen: 71.49 ng  
RT: 9.234 min Scan# 1003  
Delta R.T. -0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

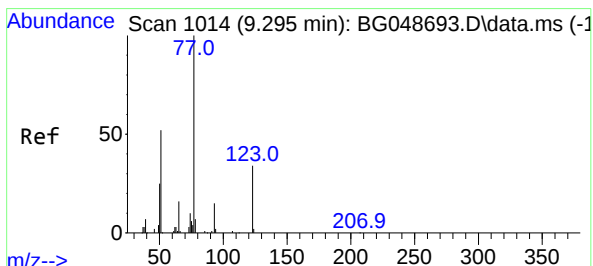
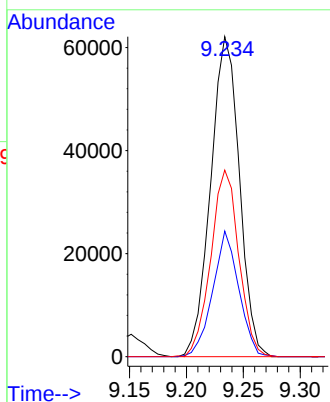
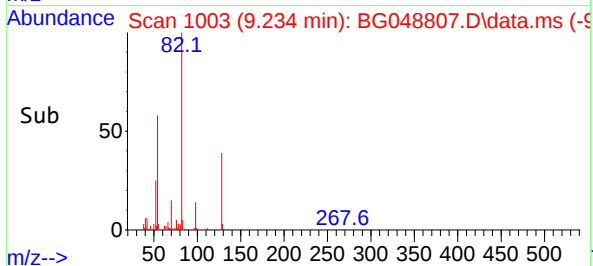
Instrument :  
BNA\_G  
ClientSampleId :  
SB-15-9.5-10.0MS



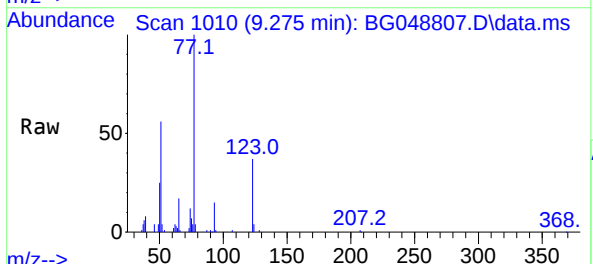
Tgt Ion: 82 Resp: 109008  
Ion Ratio Lower Upper  
82 100  
128 39.3 29.8 44.6  
54 58.3 45.8 68.8

Manual Integrations  
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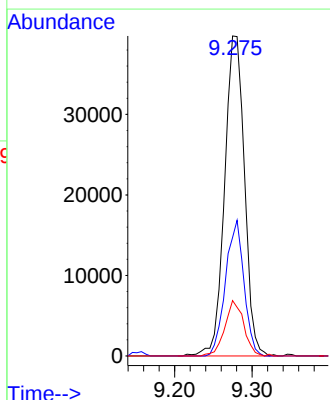
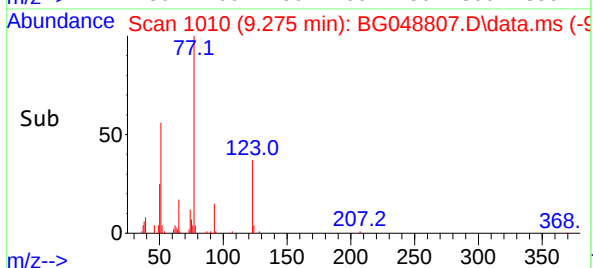
mohammad  
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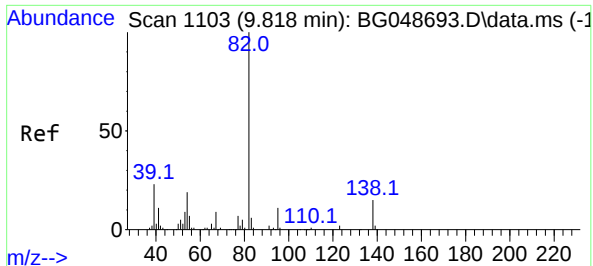


#24  
Nitrobenzene  
Concen: 46.69 ng  
RT: 9.275 min Scan# 1010  
Delta R.T. -0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34



Tgt Ion: 77 Resp: 71008  
Ion Ratio Lower Upper  
77 100  
123 37.0 27.5 41.3  
65 17.3 12.6 18.8





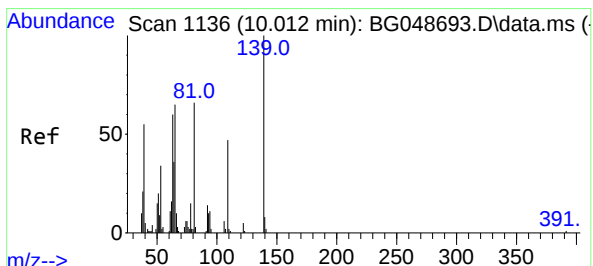
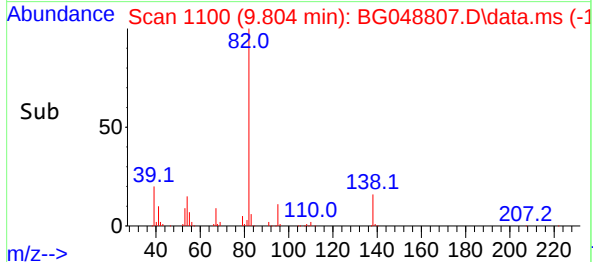
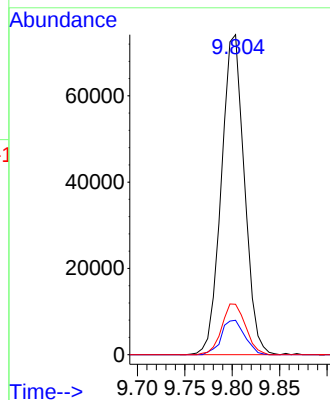
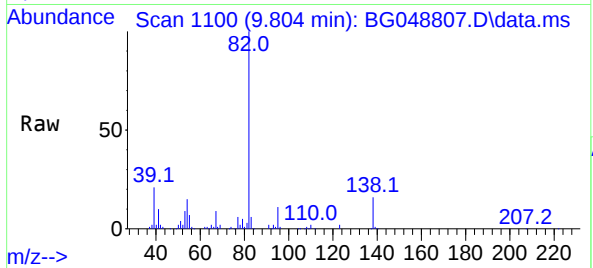
#25  
Isophorone  
Concen: 46.48 ng  
RT: 9.804 min Scan# 1100  
Delta R.T. 0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

Tgt Ion: 82 Resp: 125325  
Ion Ratio Lower Upper  
82 100  
95 10.7 8.5 12.7  
138 15.8 11.8 17.6

Instrument :  
BNA\_G  
ClientSampleId :  
SB-15-9.5-10.0MS

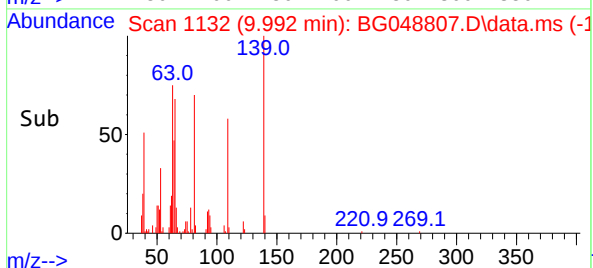
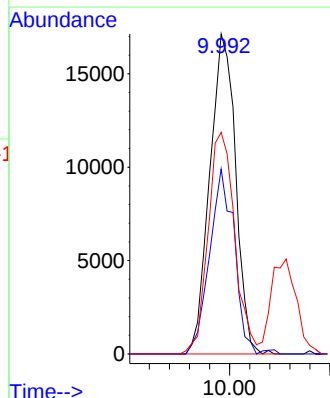
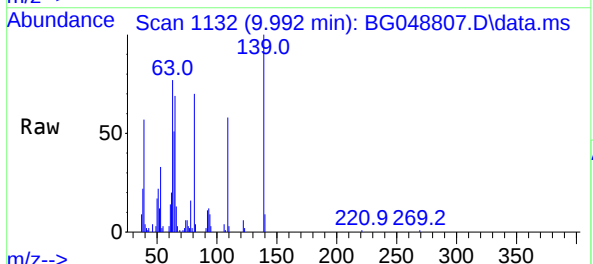
Manual Integrations  
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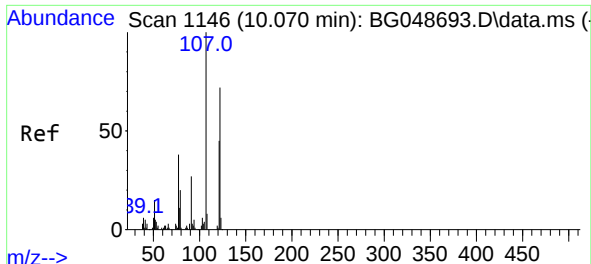
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#26  
2-Nitrophenol  
Concen: 46.53 ng  
RT: 9.992 min Scan# 1132  
Delta R.T. -0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

Tgt Ion: 139 Resp: 30634  
Ion Ratio Lower Upper  
139 100  
109 57.8 37.8 56.6#  
65 69.2 51.8 77.8





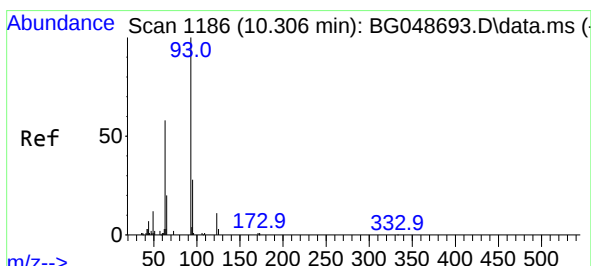
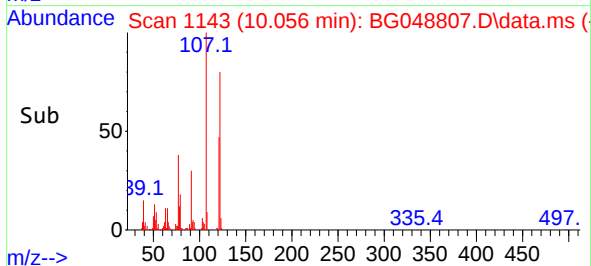
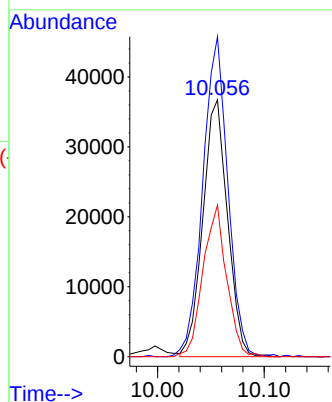
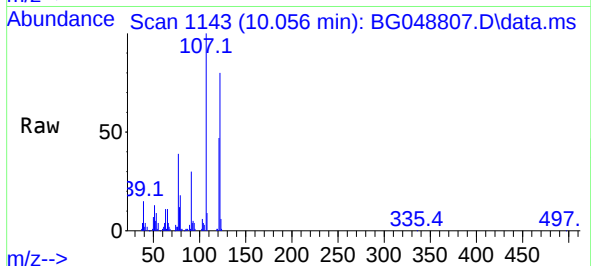
#27  
2,4-Dimethylphenol  
Concen: 58.42 ng  
RT: 10.056 min Scan# 1143  
Delta R.T. 0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

Tgt Ion:122 Resp: 59125  
Ion Ratio Lower Upper  
122 100  
107 124.5 110.1 165.1  
121 59.0 49.0 73.6

Instrument :  
BNA\_G  
ClientSampleId :  
SB-15-9.5-10.0MS

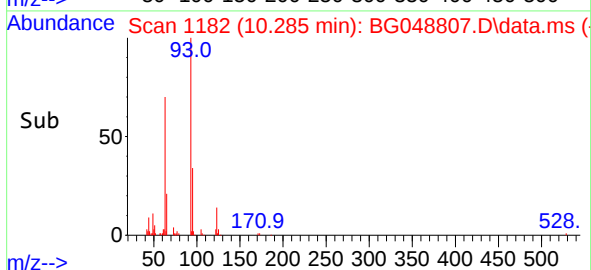
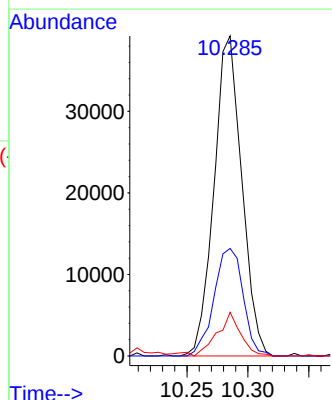
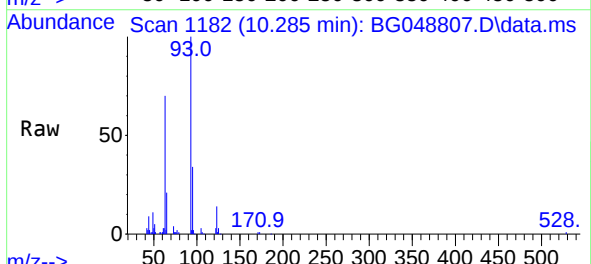
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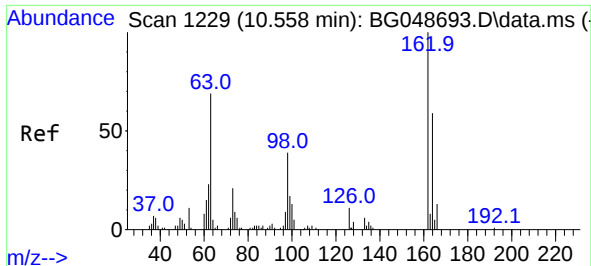
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#28  
bis(2-Chloroethoxy)methane  
Concen: 52.93 ng  
RT: 10.285 min Scan# 1182  
Delta R.T. 0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

Tgt Ion: 93 Resp: 62184  
Ion Ratio Lower Upper  
93 100  
95 33.6 22.2 33.4#  
123 13.7 8.8 13.2#





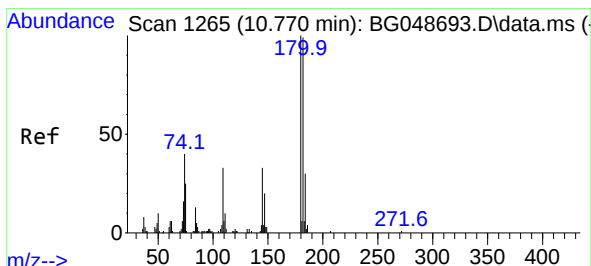
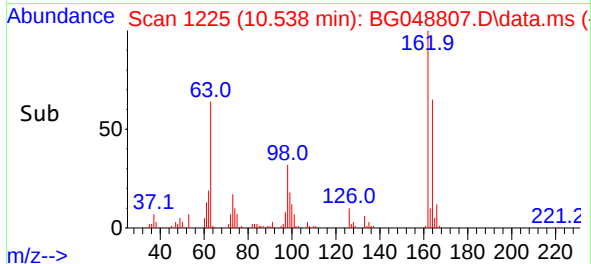
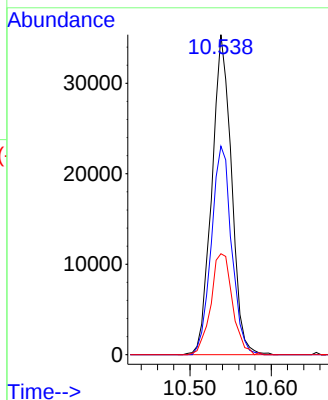
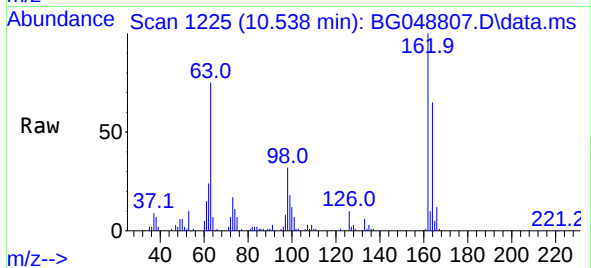
#29  
2,4-Dichlorophenol  
Concen: 52.08 ng  
RT: 10.538 min Scan# 1225  
Delta R.T. -0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

Instrument :  
BNA\_G  
ClientSampleId :  
SB-15-9.5-10.0MS

Tgt Ion:162 Resp: 59437  
Ion Ratio Lower Upper  
162 100  
164 65.2 39.4 79.4  
98 31.5 18.7 58.7

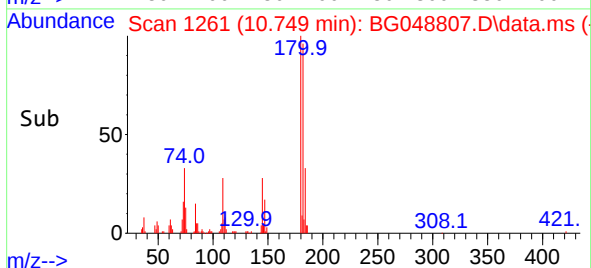
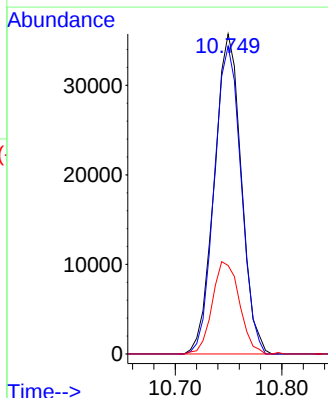
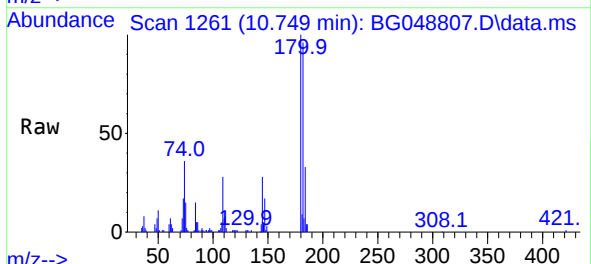
Manual Integrations  
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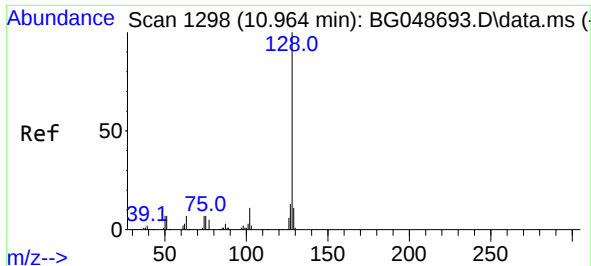
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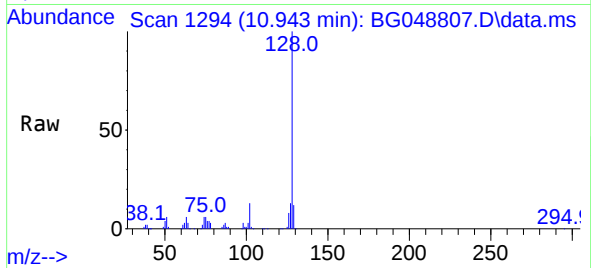
#30  
1,2,4-Trichlorobenzene  
Concen: 47.32 ng  
RT: 10.749 min Scan# 1261  
Delta R.T. 0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

Tgt Ion:180 Resp: 62625  
Ion Ratio Lower Upper  
180 100  
182 96.1 78.9 118.3  
145 27.6 26.2 39.4

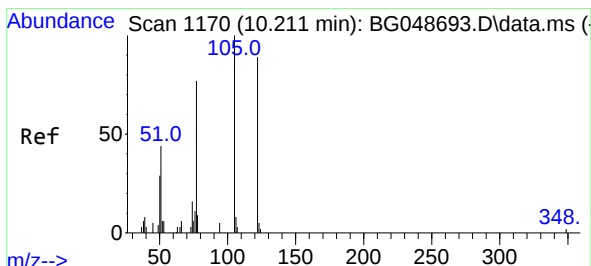
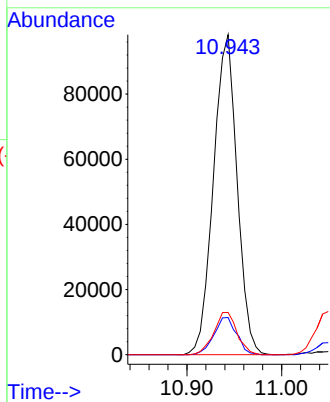
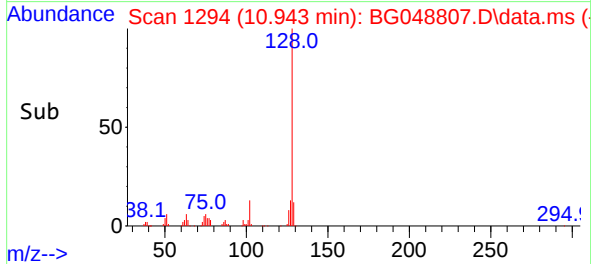




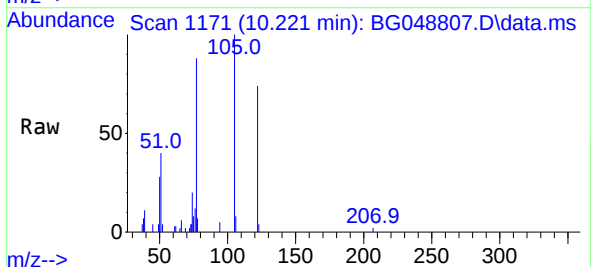
#31  
Naphthalene  
Concen: 48.61 ng  
RT: 10.943 min Scan# 1294  
Delta R.T. 0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34



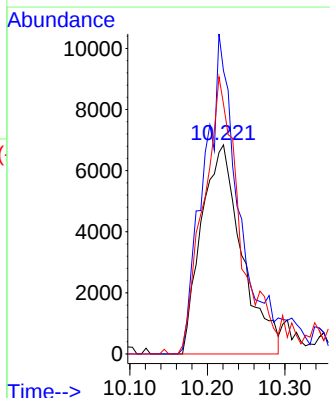
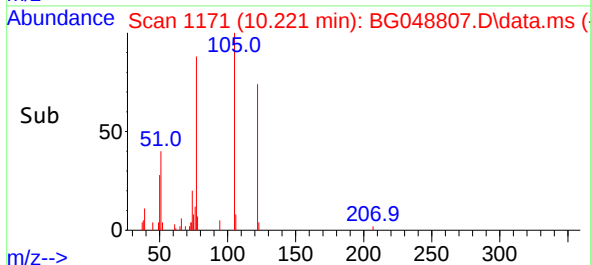
Tgt Ion:128 Resp: 170292  
Ion Ratio Lower Upper  
128 100  
129 11.6 8.5 12.7  
127 13.2 10.2 15.4



#32  
Benzoic acid  
Concen: 41.63 ng  
RT: 10.221 min Scan# 1171  
Delta R.T. -0.009 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34



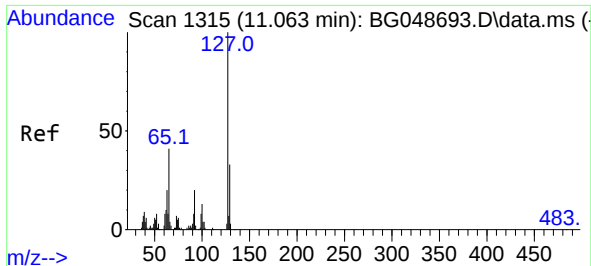
Tgt Ion:122 Resp: 24687  
Ion Ratio Lower Upper  
122 100  
105 135.5 92.3 132.3#  
77 119.6 66.5 106.5#



Instrument :  
BNA\_G  
ClientSampleId :  
SB-15-9.5-10.0MS

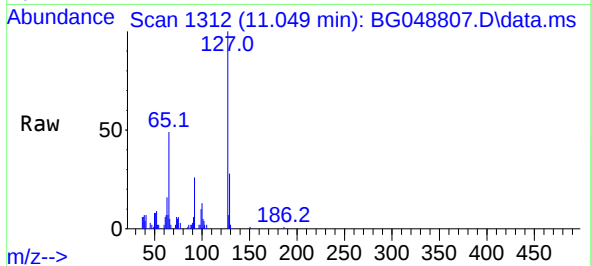
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#33  
4-Chloroaniline  
Concen: 17.65 ng  
RT: 11.049 min Scan# 1312  
Delta R.T. 0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

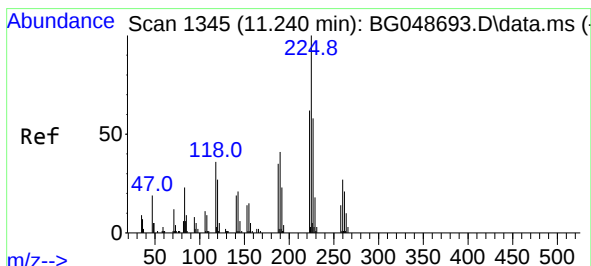
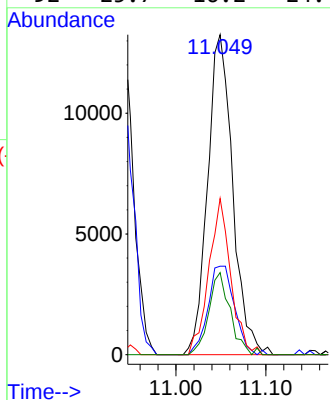
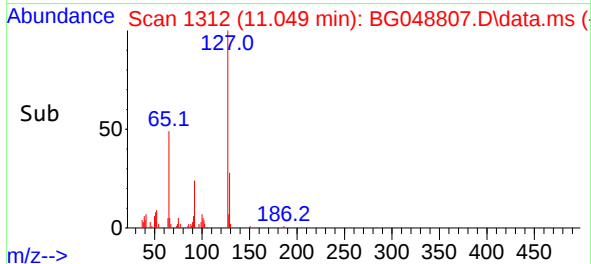
Instrument :  
BNA\_G  
ClientSampleId :  
SB-15-9.5-10.0MS



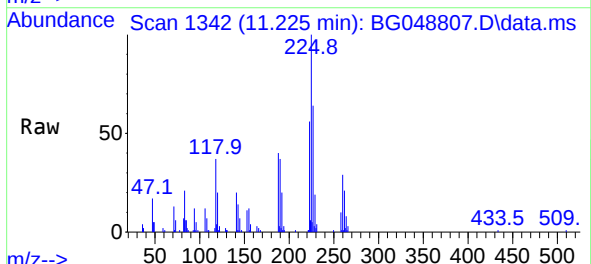
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 25720 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 27.7  | 26.7  | 40.1  |
| 65        | 48.8  | 32.8  | 49.2  |
| 92        | 25.7  | 16.2  | 24.4# |

Manual Integrations  
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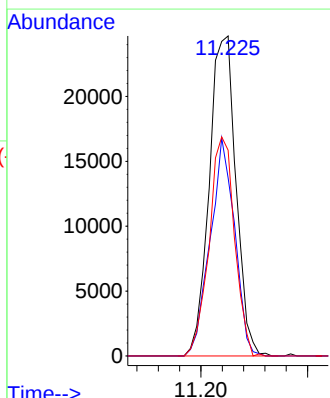
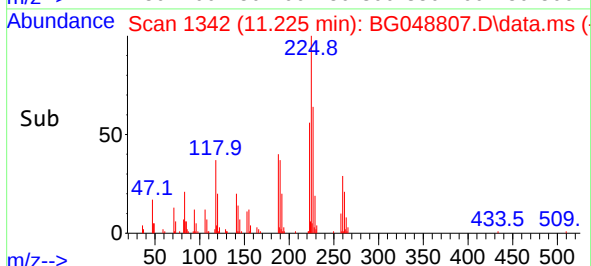
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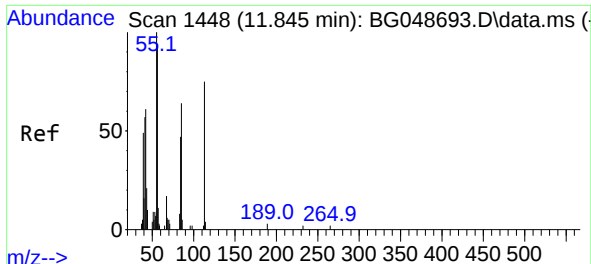


#34  
Hexachlorobutadiene  
Concen: 43.63 ng  
RT: 11.225 min Scan# 1342  
Delta R.T. 0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34



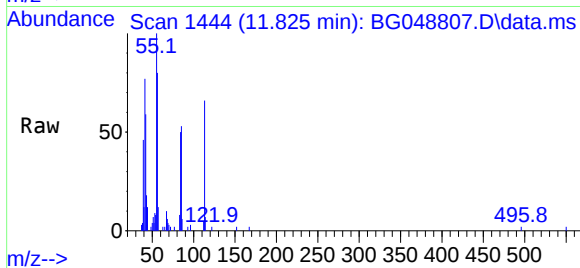
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 42868 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 53.1  | 49.8  | 74.8  |
| 227       | 61.4  | 46.4  | 69.6  |





#35  
Caprolactam  
Concen: 59.47 ng m  
RT: 11.825 min Scan# 1444  
Delta R.T. -0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

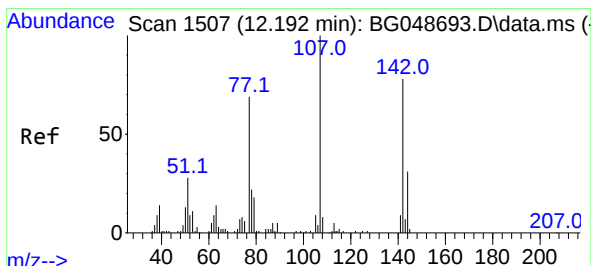
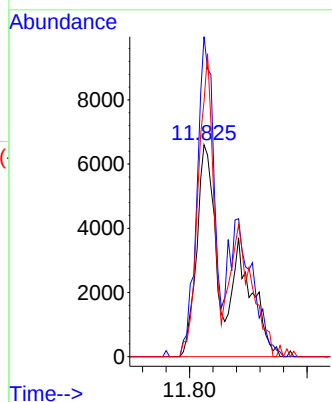
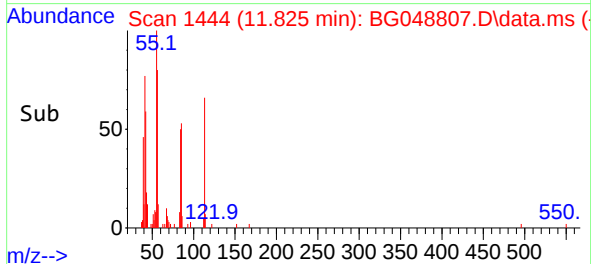
Instrument :  
BNA\_G  
ClientSampleId :  
SB-15-9.5-10.0MS



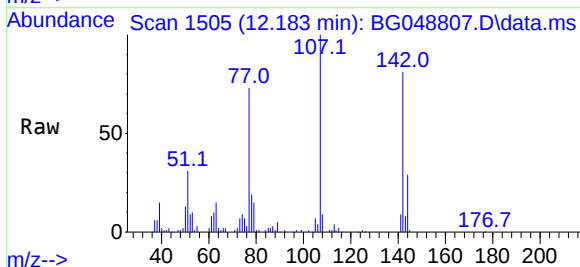
Tgt Ion:113 Resp: 23063  
Ion Ratio Lower Upper  
113 100  
55 151.0 113.8 153.8  
56 120.5 105.6 145.6

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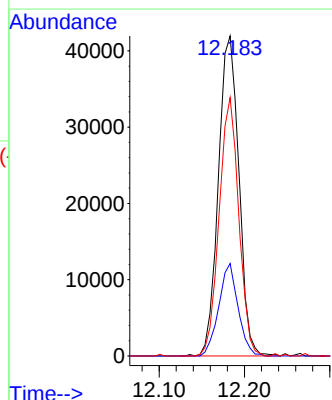
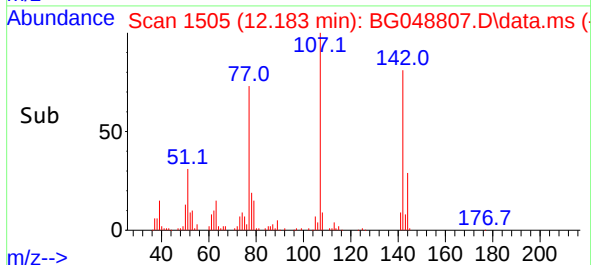
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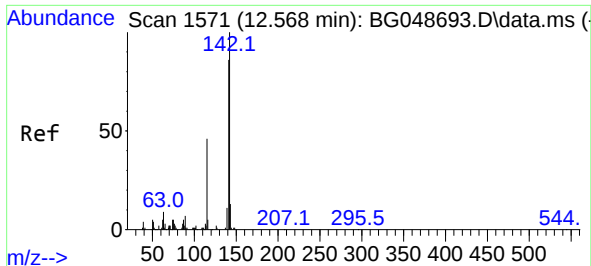


#36  
4-Chloro-3-methylphenol  
Concen: 54.19 ng  
RT: 12.183 min Scan# 1505  
Delta R.T. 0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34



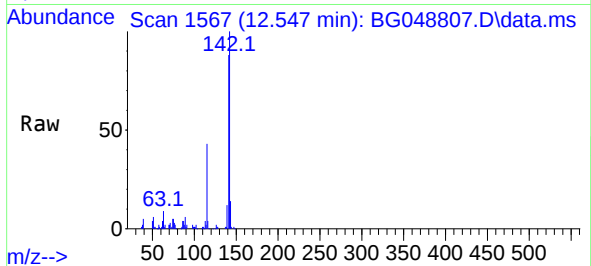
Tgt Ion:107 Resp: 70041  
Ion Ratio Lower Upper  
107 100  
144 28.9 24.8 37.2  
142 80.8 62.2 93.4





#37  
2-Methylnaphthalene  
Concen: 48.90 ng  
RT: 12.547 min Scan# 1567  
Delta R.T. -0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

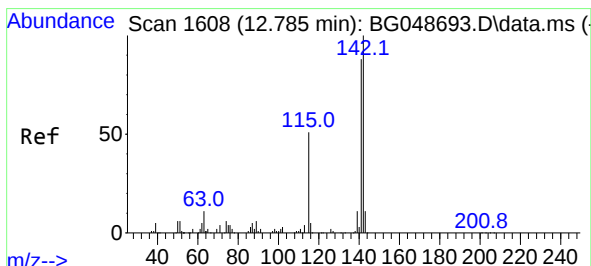
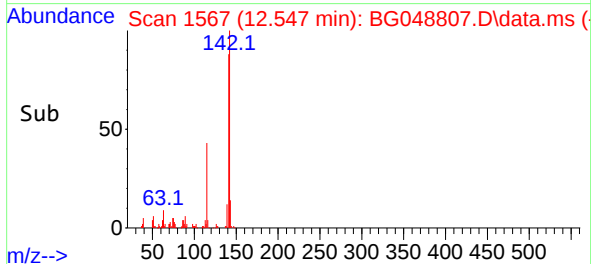
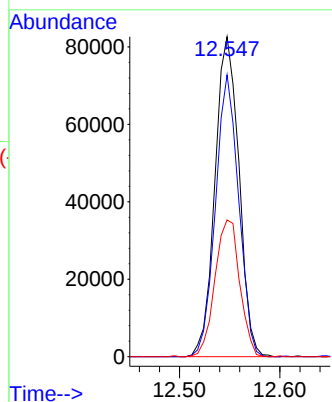
Instrument :  
BNA\_G  
ClientSampleId :  
SB-15-9.5-10.0MS



Tgt Ion:142 Resp: 136874  
Ion Ratio Lower Upper  
142 100  
141 88.0 68.8 103.2  
115 42.8 36.4 54.6

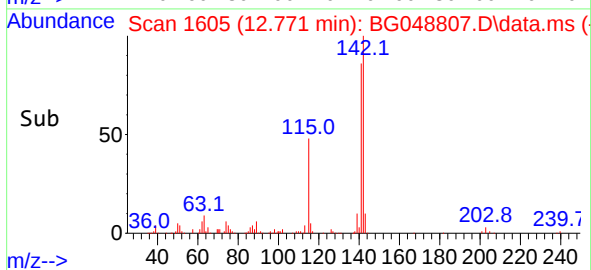
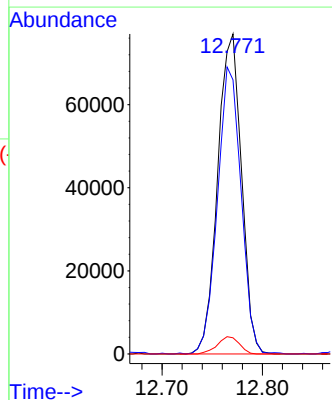
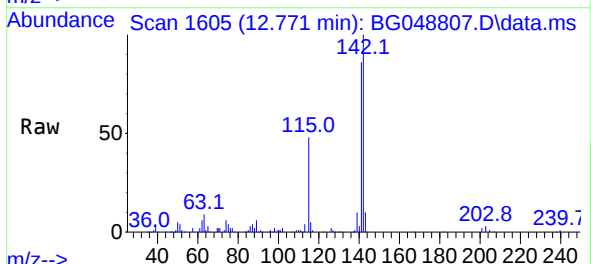
Manual Integrations  
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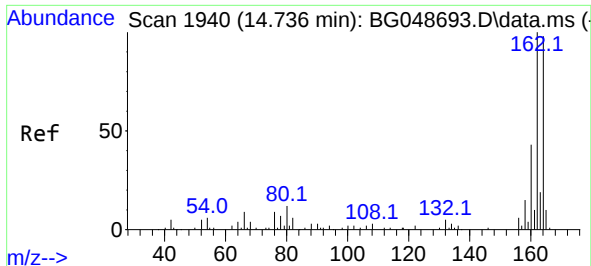
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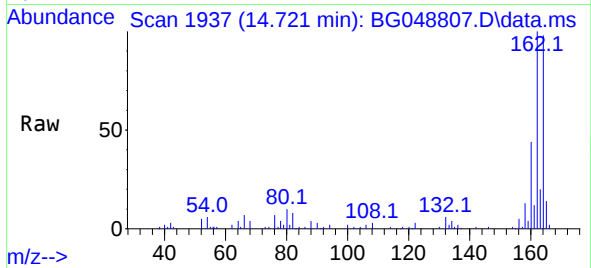
#38  
1-Methylnaphthalene  
Concen: 48.65 ng  
RT: 12.771 min Scan# 1605  
Delta R.T. 0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

Tgt Ion:142 Resp: 126720  
Ion Ratio Lower Upper  
142 100  
141 85.7 70.6 106.0  
116 5.1 4.0 6.0

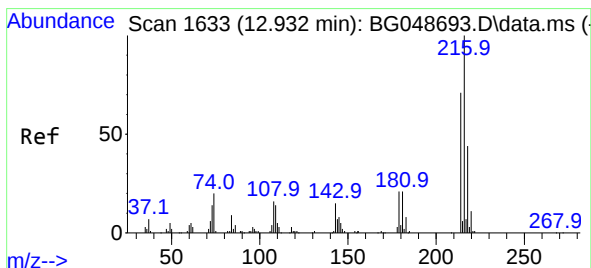
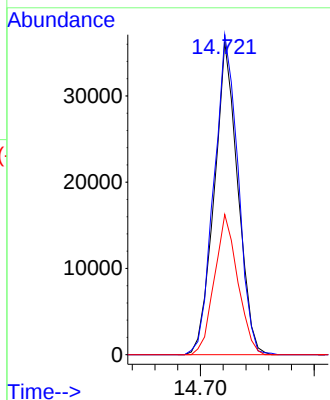
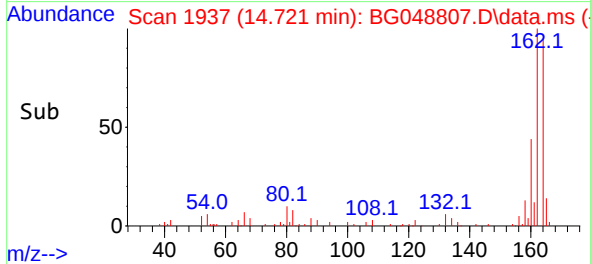




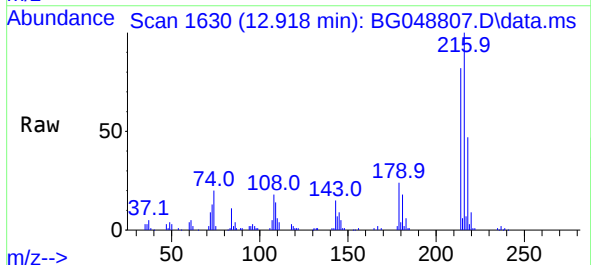
#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.721 min Scan# 1937  
Delta R.T. -0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34



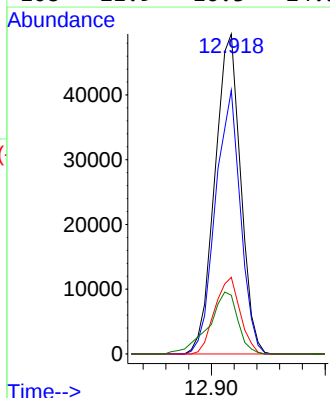
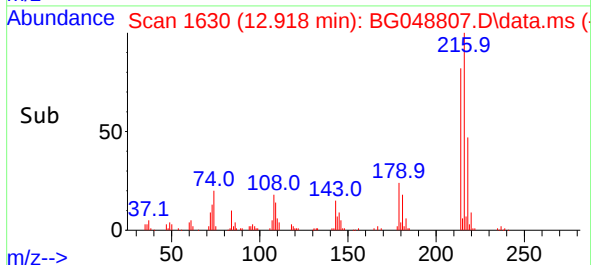
Tgt Ion:164 Resp: 52090  
Ion Ratio Lower Upper  
164 100  
162 102.2 81.4 122.0  
160 44.8 34.9 52.3



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 45.93 ng  
RT: 12.918 min Scan# 1630  
Delta R.T. 0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34



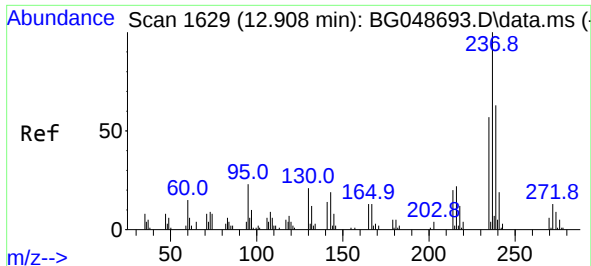
Tgt Ion:216 Resp: 77873  
Ion Ratio Lower Upper  
216 100  
214 80.0 61.4 92.2  
179 23.5 17.3 25.9  
108 21.9 16.3 24.5



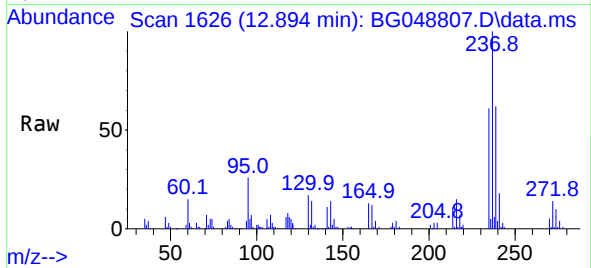
Instrument :  
BNA\_G  
ClientSampleId :  
SB-15-9.5-10.0MS

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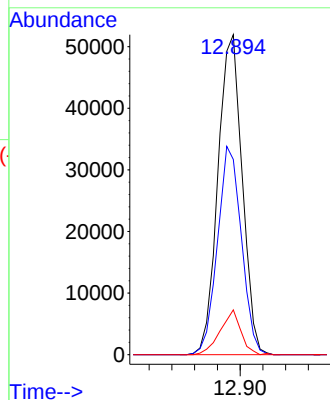
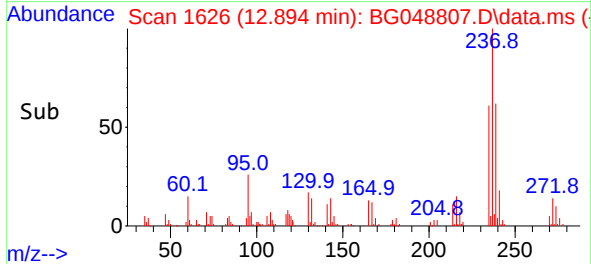
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#41  
Hexachlorocyclopentadiene  
Concen: 83.00 ng  
RT: 12.894 min Scan# 1626  
Delta R.T. 0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34



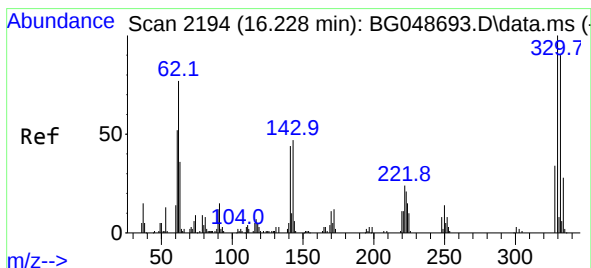
Tgt Ion:237 Resp: 76975  
Ion Ratio Lower Upper  
237 100  
235 61.0 36.6 76.6  
272 14.0 0.0 32.5



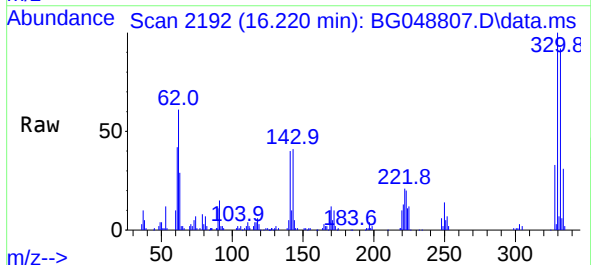
Instrument :  
BNA\_G  
ClientSampleId :  
SB-15-9.5-10.0MS

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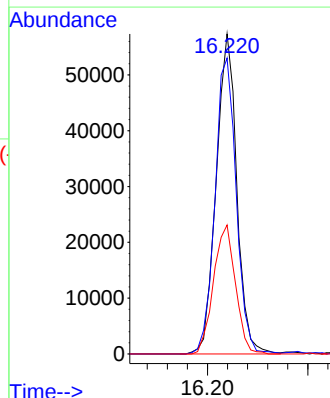
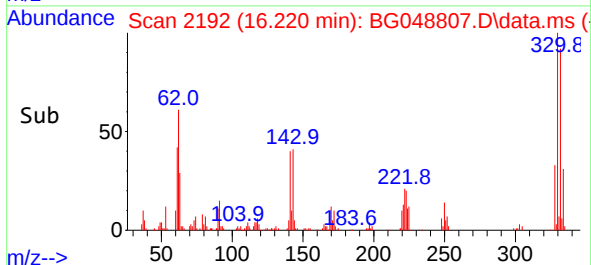
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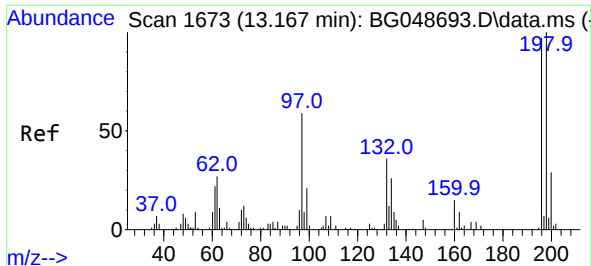


#42  
2,4,6-Tribromophenol  
Concen: 116.68 ng  
RT: 16.220 min Scan# 2192  
Delta R.T. 0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34



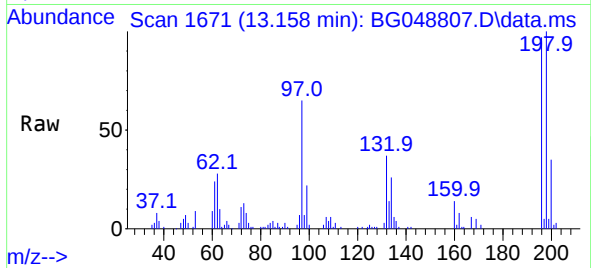
Tgt Ion:330 Resp: 81488  
Ion Ratio Lower Upper  
330 100  
332 95.6 77.3 115.9  
141 43.0 35.6 53.4





#43  
2,4,6-Trichlorophenol  
Concen: 47.18 ng  
RT: 13.158 min Scan# 1671  
Delta R.T. 0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

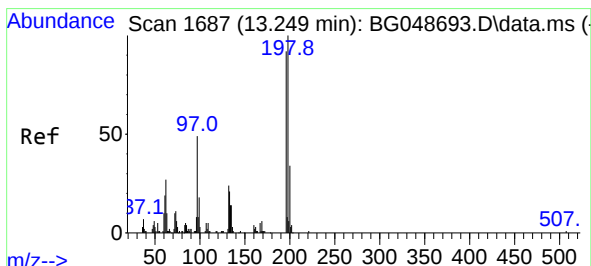
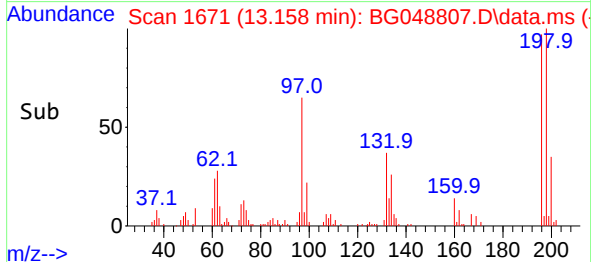
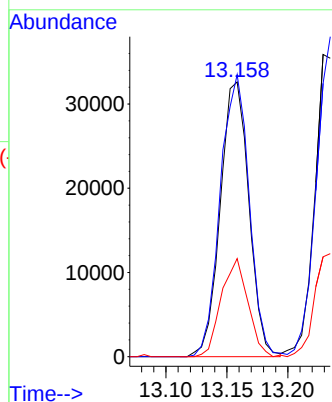
Instrument :  
BNA\_G  
ClientSampled :  
SB-15-9.5-10.0MS



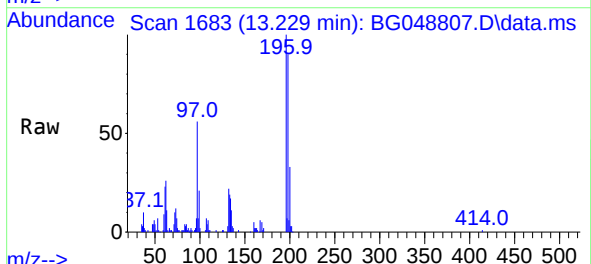
Tgt Ion:196 Resp: 53389  
Ion Ratio Lower Upper  
196 100  
198 102.7 82.1 123.1  
200 35.7 23.8 35.8

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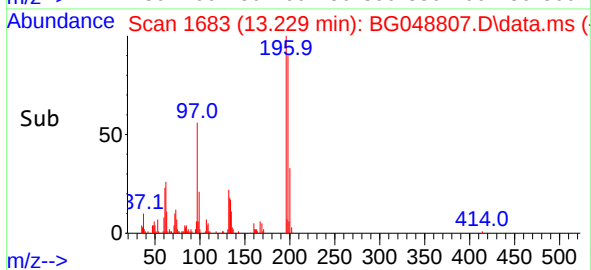
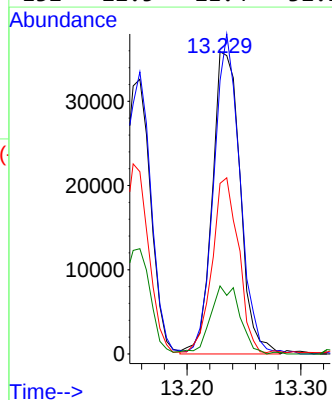
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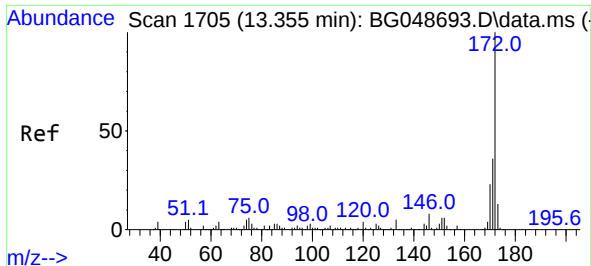


#44  
2,4,5-Trichlorophenol  
Concen: 50.85 ng  
RT: 13.229 min Scan# 1683  
Delta R.T. -0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34



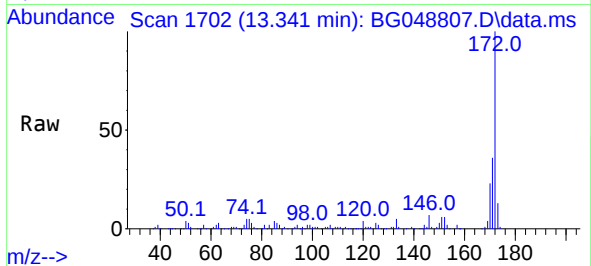
Tgt Ion:196 Resp: 61104  
Ion Ratio Lower Upper  
196 100  
198 90.4 87.4 131.0  
97 56.5 43.3 64.9  
132 22.5 21.4 32.2





#45  
2-Fluorobiphenyl  
Concen: 70.98 ng  
RT: 13.341 min Scan# 1702  
Delta R.T. -0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

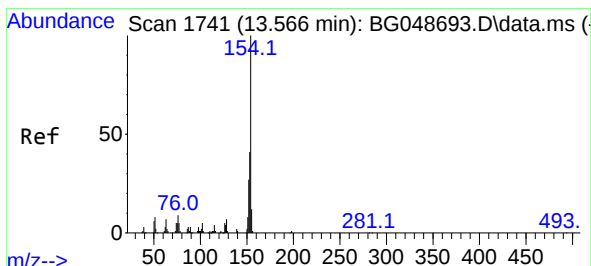
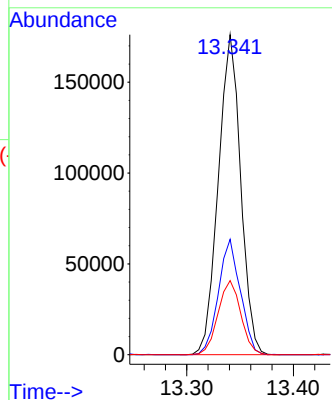
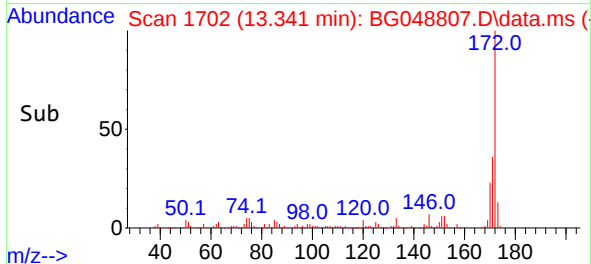
Instrument :  
BNA\_G  
ClientSampleId :  
SB-15-9.5-10.0MS



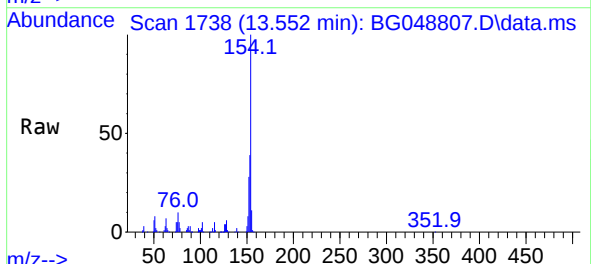
Tgt Ion:172 Resp: 256030  
Ion Ratio Lower Upper  
172 100  
171 36.0 28.6 43.0  
170 23.2 18.6 27.8

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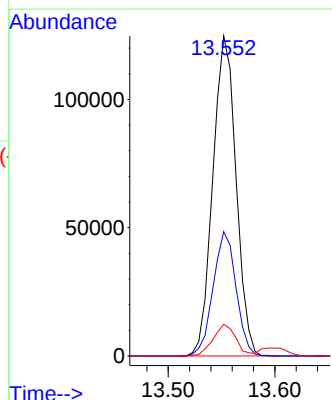
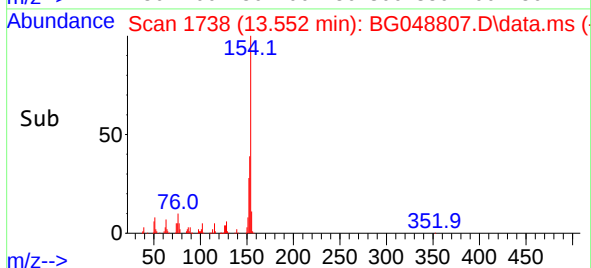
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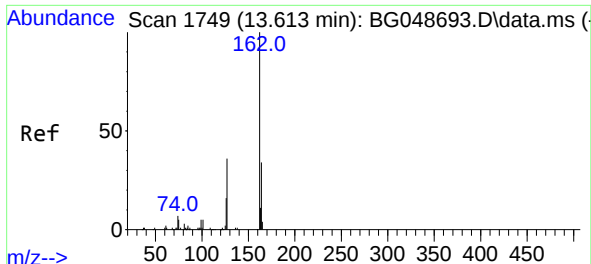


#46  
1,1'-Biphenyl  
Concen: 48.95 ng  
RT: 13.552 min Scan# 1738  
Delta R.T. -0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34



Tgt Ion:154 Resp: 188353  
Ion Ratio Lower Upper  
154 100  
153 38.8 20.5 60.5  
76 9.9 0.0 29.3





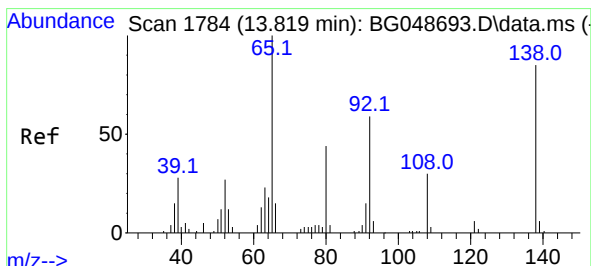
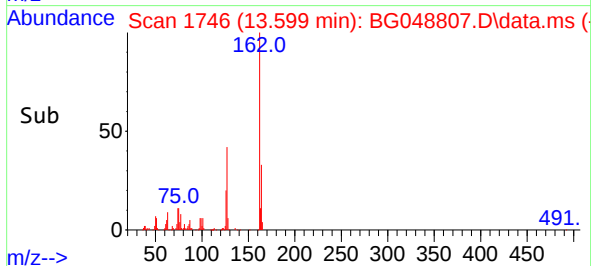
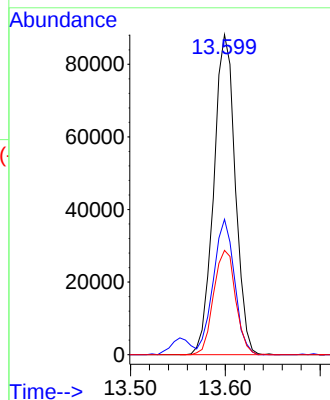
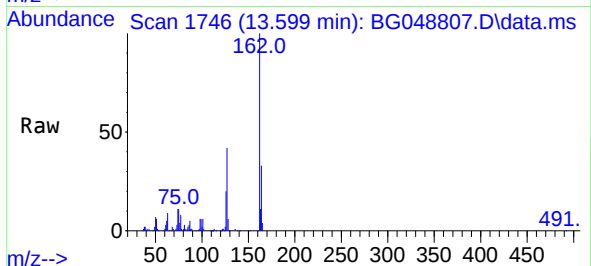
#47  
2-Chloronaphthalene  
Concen: 47.28 ng  
RT: 13.599 min Scan# 1746  
Delta R.T. -0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

Tgt Ion:162 Resp: 138957  
Ion Ratio Lower Upper  
162 100  
127 42.3 32.7 49.1  
164 32.6 27.0 40.4

Instrument :  
BNA\_G  
ClientSampleId :  
SB-15-9.5-10.0MS

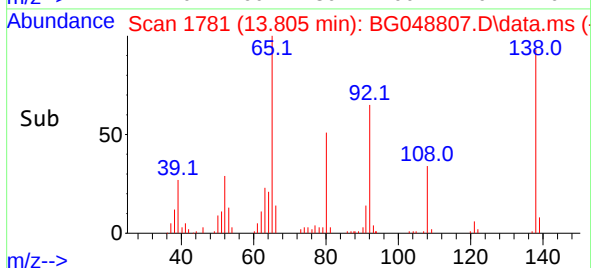
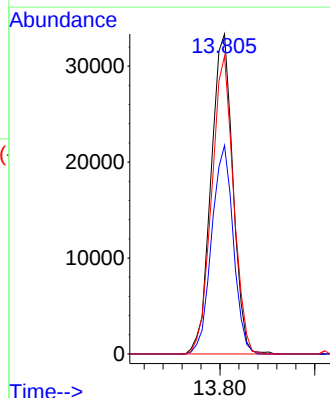
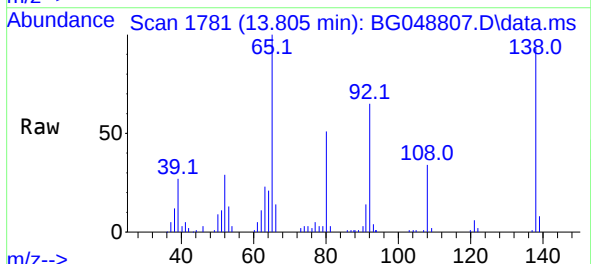
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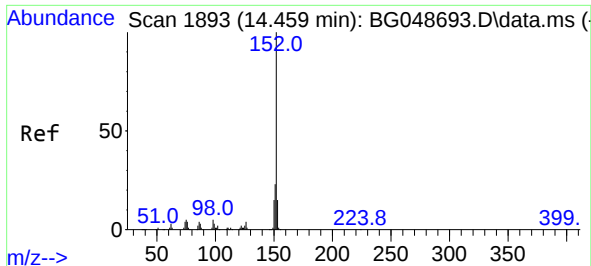
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#48  
2-Nitroaniline  
Concen: 50.42 ng  
RT: 13.805 min Scan# 1781  
Delta R.T. 0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

Tgt Ion: 65 Resp: 53246  
Ion Ratio Lower Upper  
65 100  
92 65.2 47.2 70.8  
138 93.1 68.0 102.0





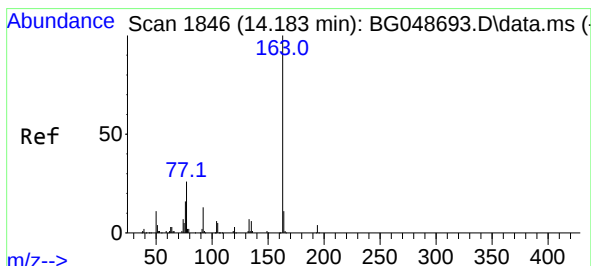
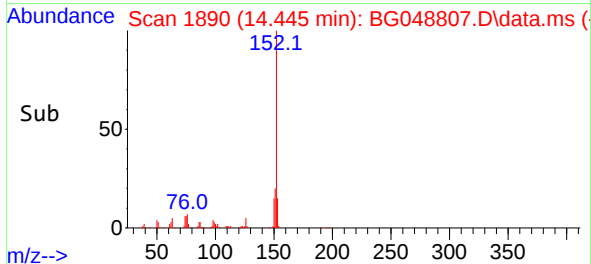
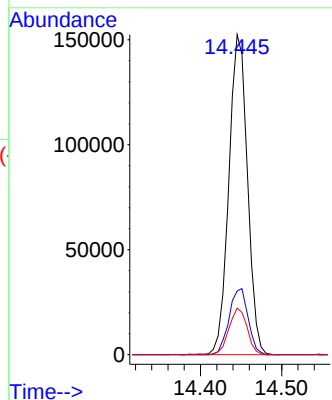
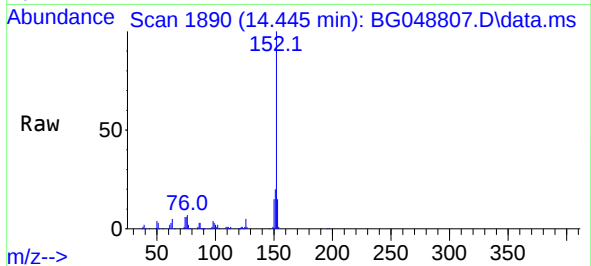
#49  
Acenaphthylene  
Concen: 52.81 ng  
RT: 14.445 min Scan# 1890  
Delta R.T. -0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

Tgt Ion:152 Resp: 242132  
Ion Ratio Lower Upper  
152 100  
151 19.9 18.2 27.4  
153 14.6 11.7 17.5

Instrument :  
BNA\_G  
ClientSampleId :  
SB-15-9.5-10.0MS

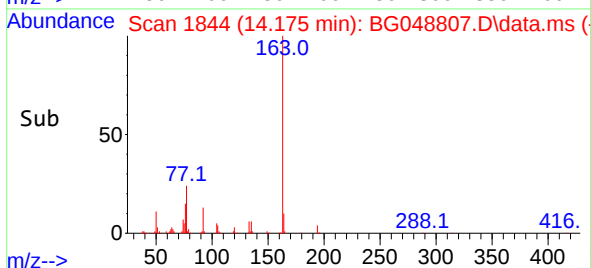
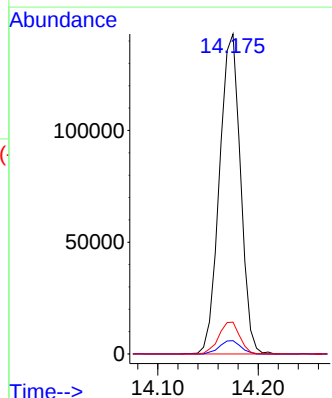
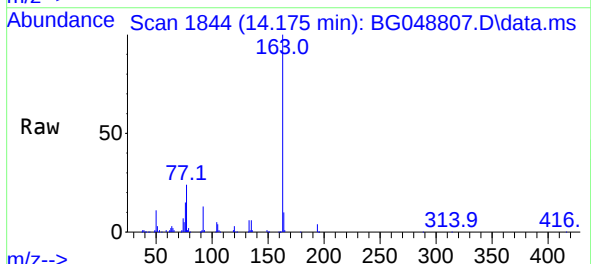
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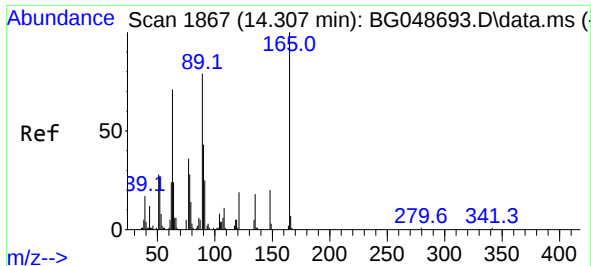
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#50  
Dimethylphthalate  
Concen: 53.22 ng  
RT: 14.175 min Scan# 1844  
Delta R.T. 0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

Tgt Ion:163 Resp: 207964  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.0 4.6  
164 10.0 8.6 12.8





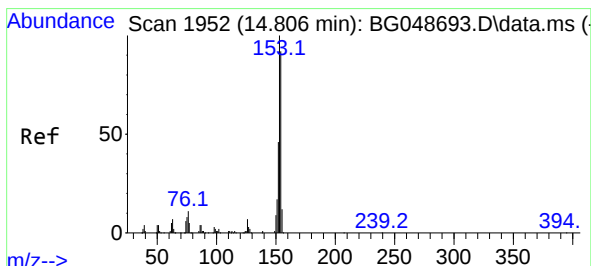
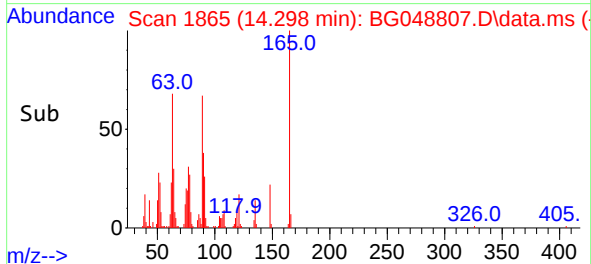
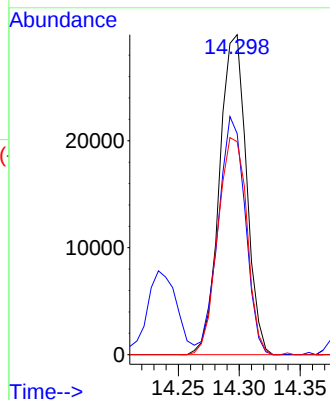
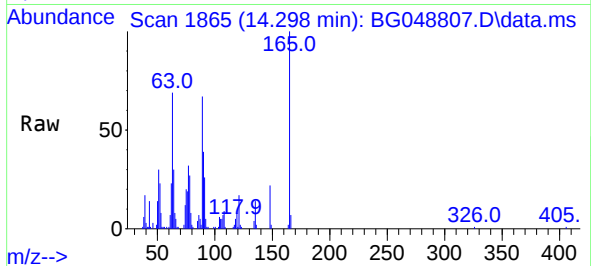
#51  
2,6-Dinitrotoluene  
Concen: 50.91 ng  
RT: 14.298 min Scan# 1865  
Delta R.T. 0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 45897 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 69.1  | 63.3  | 94.9  |
| 89        | 66.5  | 63.4  | 95.0  |

Instrument :  
BNA\_G  
ClientSampleId :  
SB-15-9.5-10.0MS

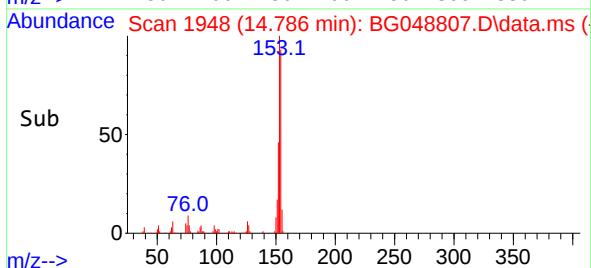
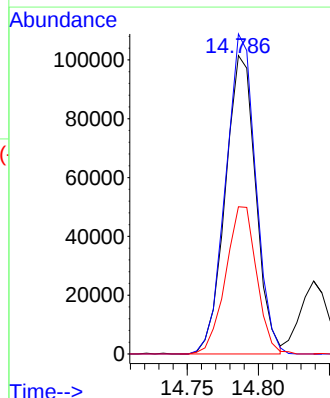
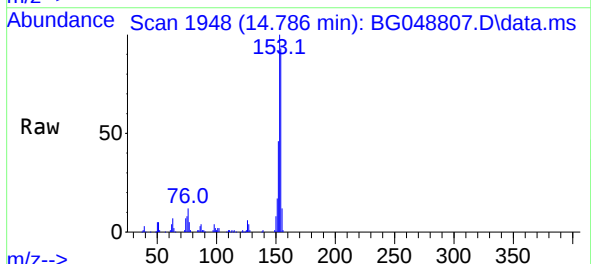
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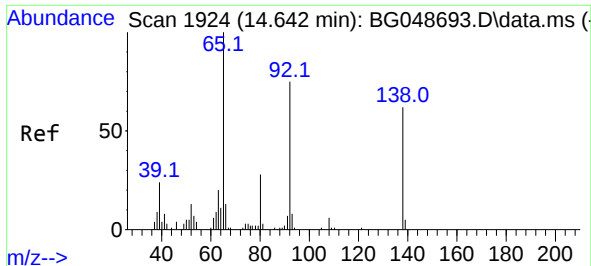
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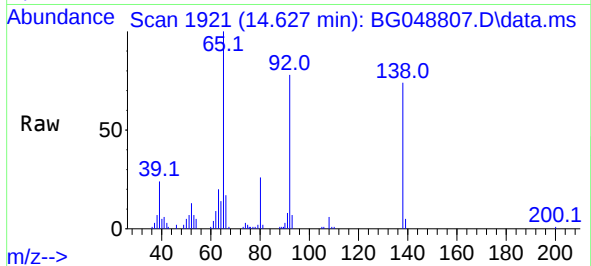
#52  
Acenaphthene  
Concen: 51.91 ng  
RT: 14.786 min Scan# 1948  
Delta R.T. -0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 151157 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 107.2 | 87.0  | 130.4  |
| 152       | 49.3  | 40.1  | 60.1   |

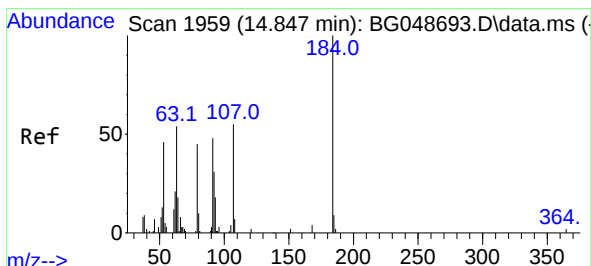
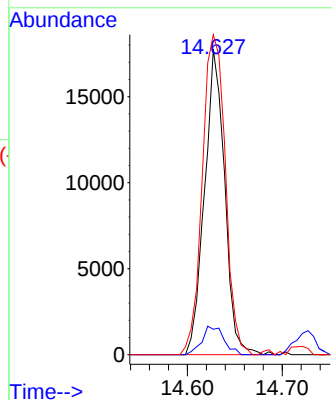
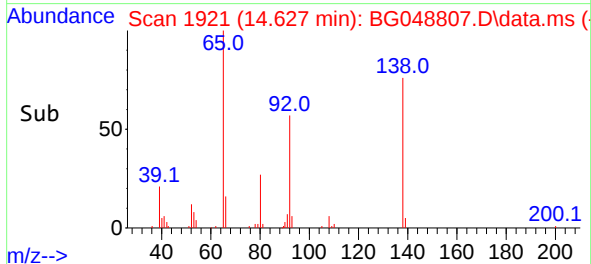




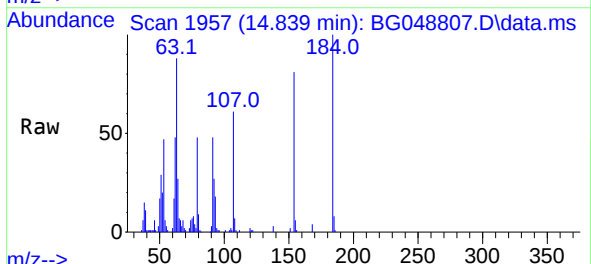
#53  
3-Nitroaniline  
Concen: 30.33 ng  
RT: 14.627 min Scan# 1921  
Delta R.T. -0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34



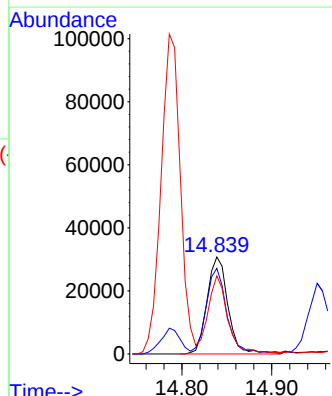
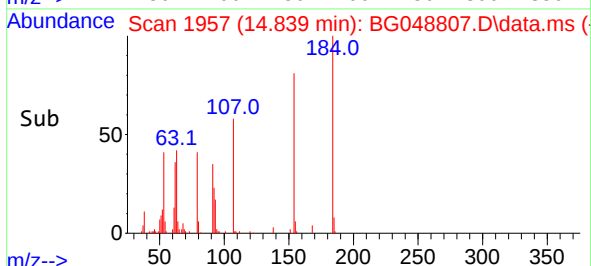
Tgt Ion:138 Resp: 26247  
Ion Ratio Lower Upper  
138 100  
108 8.4 8.3 12.5  
92 104.8 96.4 144.6



#54  
2,4-Dinitrophenol  
Concen: 90.80 ng  
RT: 14.839 min Scan# 1957  
Delta R.T. 0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34



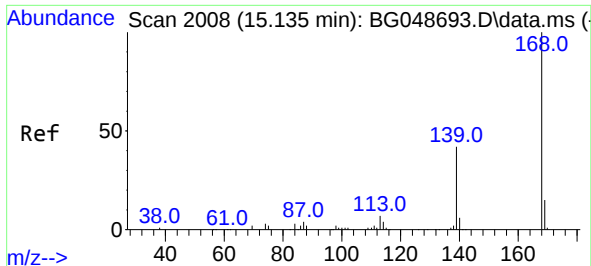
Tgt Ion:184 Resp: 49545  
Ion Ratio Lower Upper  
184 100  
63 88.3 68.3 102.5  
154 80.6 62.6 93.8



Instrument :  
BNA\_G  
ClientSampleId :  
SB-15-9.5-10.0MS

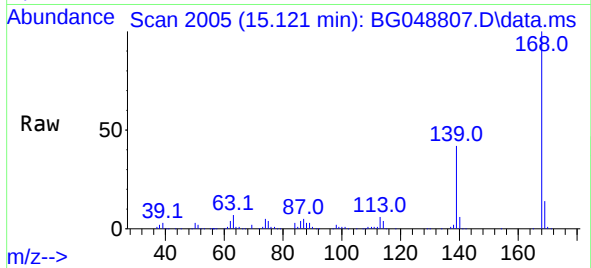
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#55  
Dibenzofuran  
Concen: 48.90 ng  
RT: 15.121 min Scan# 2005  
Delta R.T. -0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

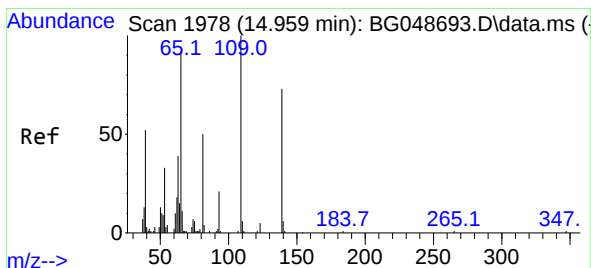
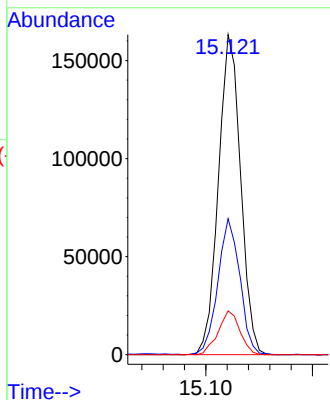
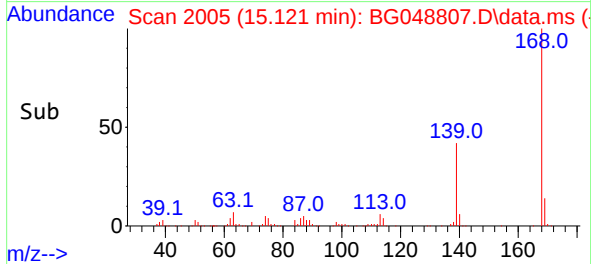
Instrument :  
BNA\_G  
ClientSampleId :  
SB-15-9.5-10.0MS



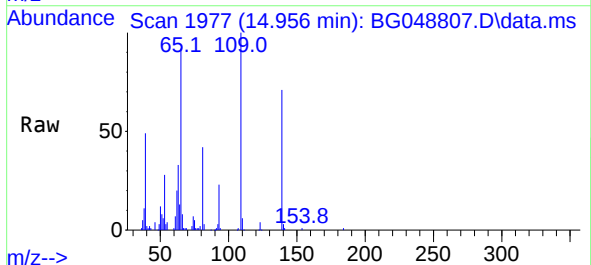
Tgt Ion:168 Resp: 235715  
Ion Ratio Lower Upper  
168 100  
139 42.5 33.4 50.2  
169 13.7 12.3 18.5

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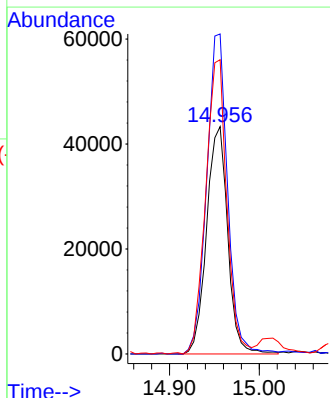
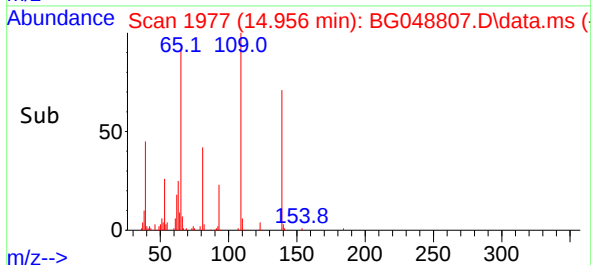
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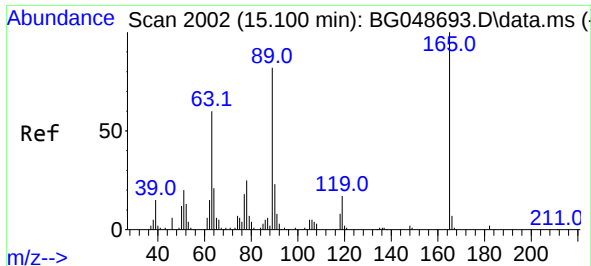


#56  
4-Nitrophenol  
Concen: 110.33 ng  
RT: 14.956 min Scan# 1977  
Delta R.T. 0.009 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34



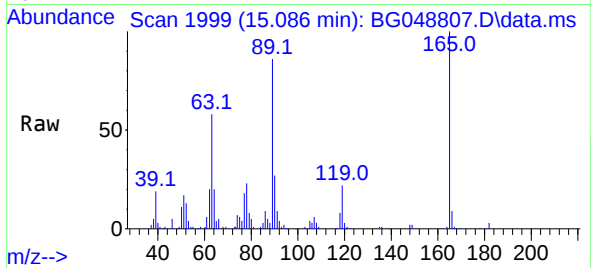
Tgt Ion:139 Resp: 70739  
Ion Ratio Lower Upper  
139 100  
109 140.7 116.3 156.3  
65 129.4 105.0 145.0





#57  
2,4-Dinitrotoluene  
Concen: 50.77 ng  
RT: 15.086 min Scan# 1999  
Delta R.T. 0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

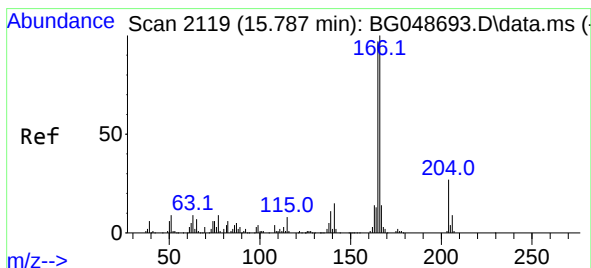
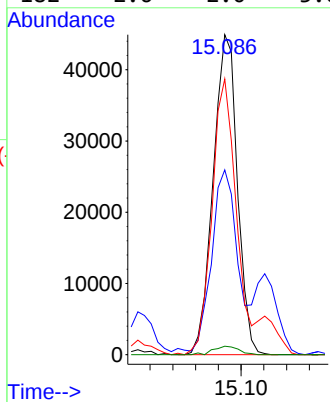
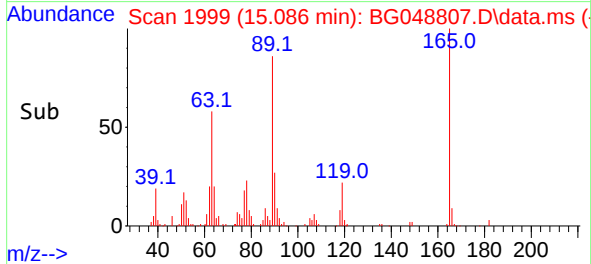
Instrument :  
BNA\_G  
ClientSampleId :  
SB-15-9.5-10.0MS



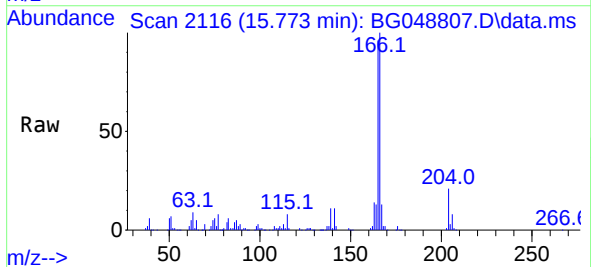
Tgt Ion:165 Resp: 66465  
Ion Ratio Lower Upper  
165 100  
63 57.7 48.0 72.0  
89 86.1 65.4 98.0  
182 2.6 2.0 3.0

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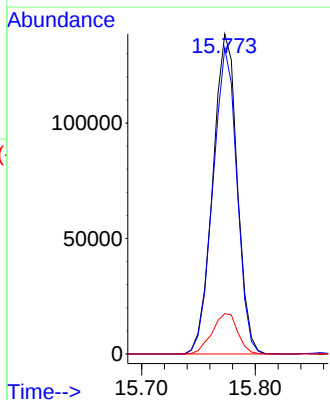
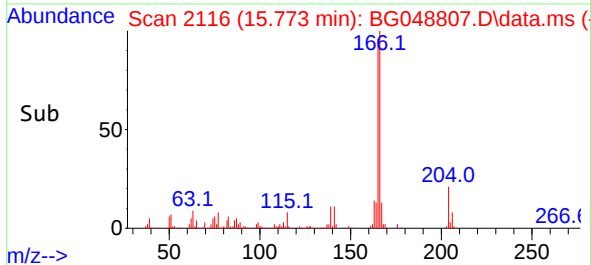
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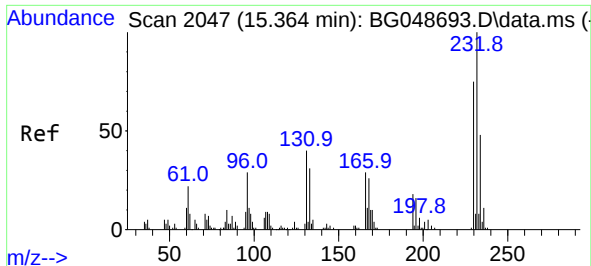


#58  
Fluorene  
Concen: 52.19 ng  
RT: 15.773 min Scan# 2116  
Delta R.T. 0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

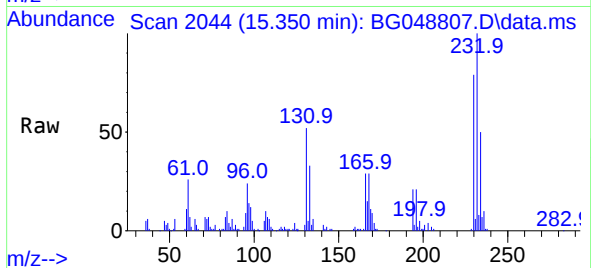


Tgt Ion:166 Resp: 206597  
Ion Ratio Lower Upper  
166 100  
165 95.6 77.7 116.5  
167 12.6 10.8 16.2

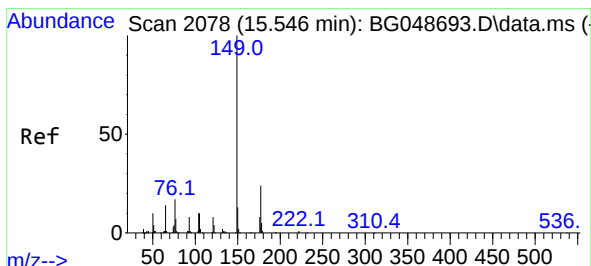
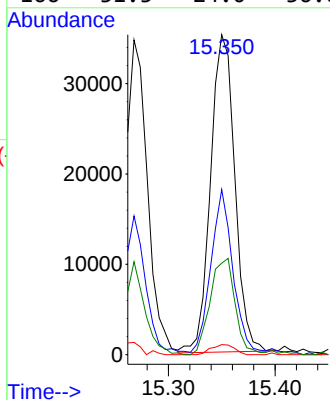
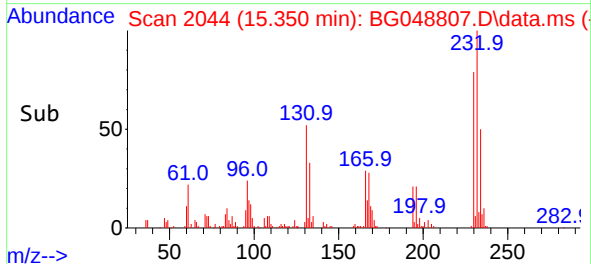




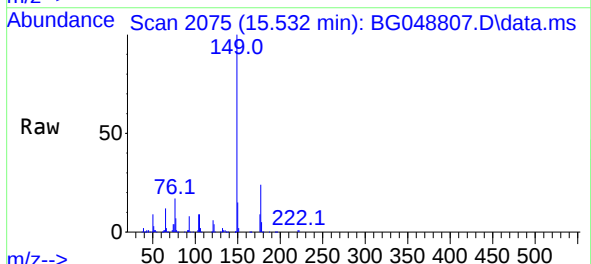
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 49.89 ng  
RT: 15.350 min Scan# 2044  
Delta R.T. -0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34



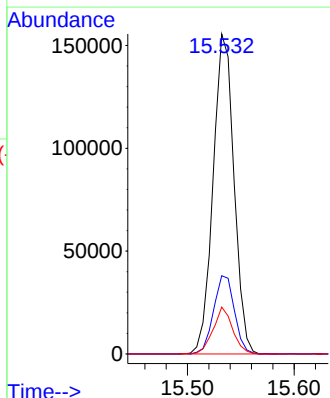
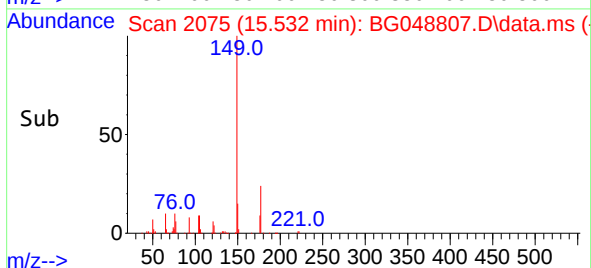
Tgt Ion:232 Resp: 55472  
Ion Ratio Lower Upper  
232 100  
131 45.8 37.2 55.8  
130 3.1 2.8 4.2  
166 31.3 24.0 36.0



#60  
Diethylphthalate  
Concen: 52.22 ng  
RT: 15.532 min Scan# 2075  
Delta R.T. -0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34



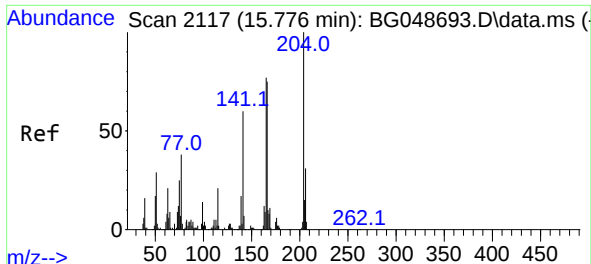
Tgt Ion:149 Resp: 211076  
Ion Ratio Lower Upper  
149 100  
177 24.4 19.0 28.6  
150 14.7 10.2 15.4



Instrument :  
BNA\_G  
ClientSampleId :  
SB-15-9.5-10.0MS

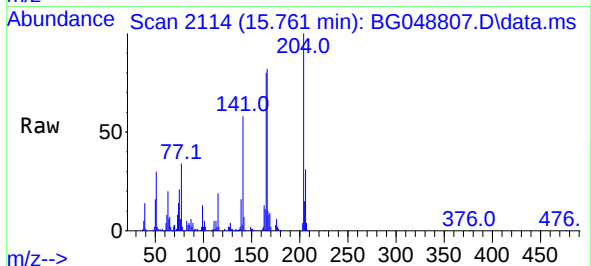
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#61  
4-Chlorophenyl-phenylether  
Concen: 49.34 ng  
RT: 15.761 min Scan# 2114  
Delta R.T. 0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

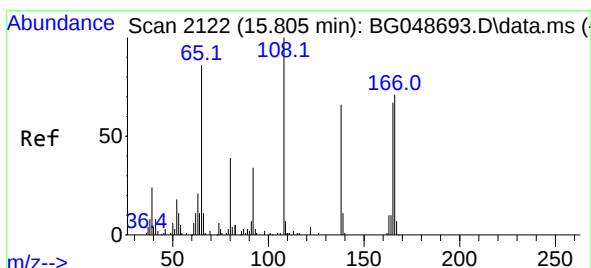
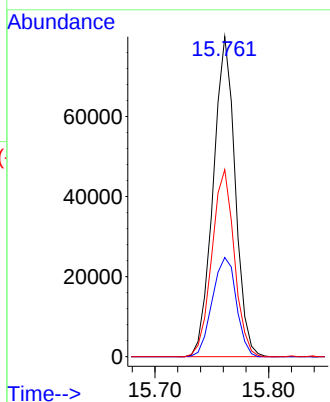
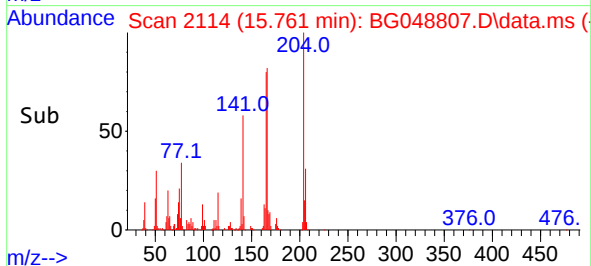
Instrument :  
BNA\_G  
ClientSampleId :  
SB-15-9.5-10.0MS



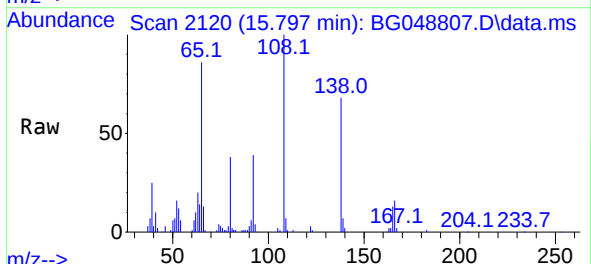
Tgt Ion:204 Resp: 107419  
Ion Ratio Lower Upper  
204 100  
206 31.0 24.6 37.0  
141 58.5 47.8 71.8

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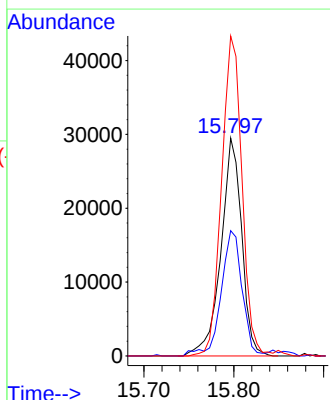
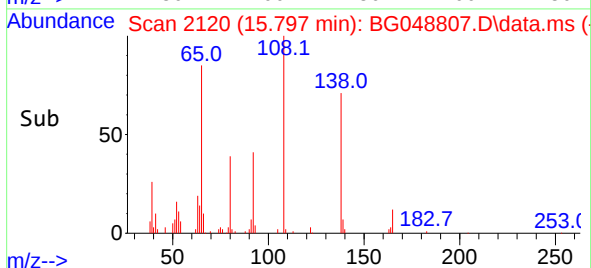
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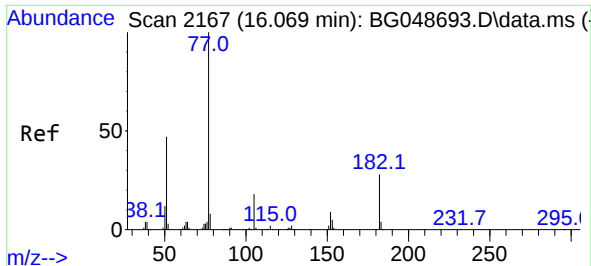


#62  
4-Nitroaniline  
Concen: 51.14 ng  
RT: 15.797 min Scan# 2120  
Delta R.T. -0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

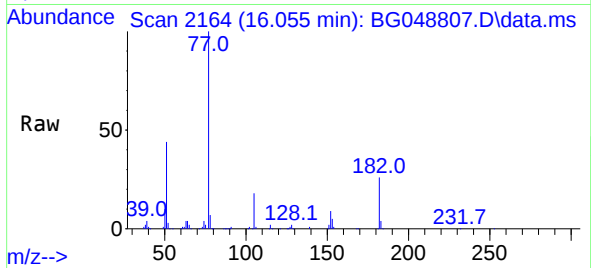


Tgt Ion:138 Resp: 47321  
Ion Ratio Lower Upper  
138 100  
92 57.5 32.3 72.3  
108 146.9 132.4 172.4

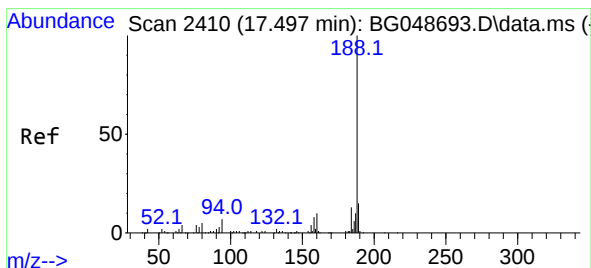
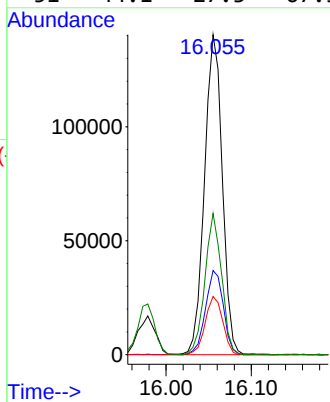
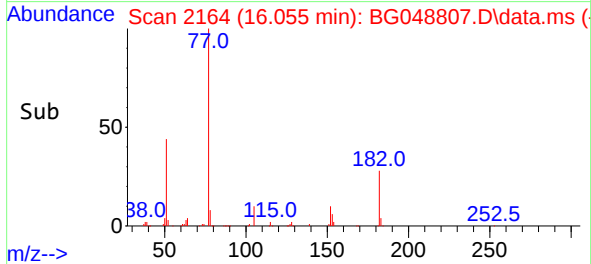




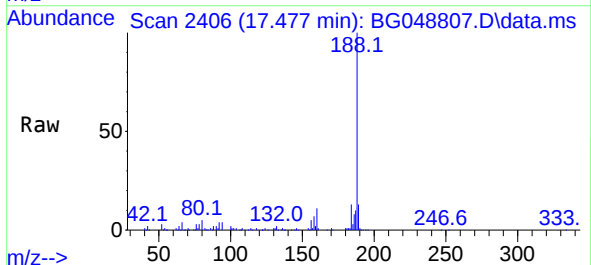
#63  
Azobenzene  
Concen: 50.14 ng  
RT: 16.055 min Scan# 2164  
Delta R.T. -0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34



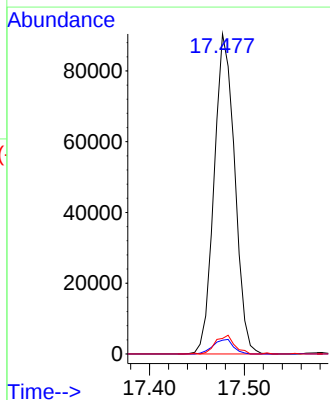
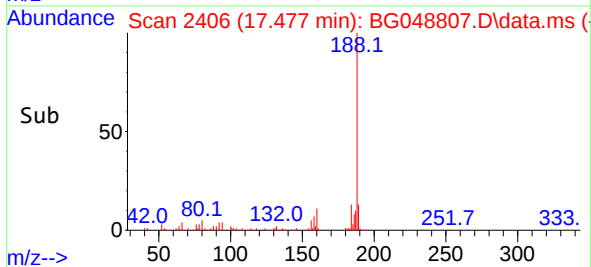
Tgt Ion: 77 Resp: 204110  
Ion Ratio Lower Upper  
77 100  
182 26.3 7.9 47.9  
105 18.2 0.0 37.9  
51 44.1 27.3 67.3



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.477 min Scan# 2406  
Delta R.T. -0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34



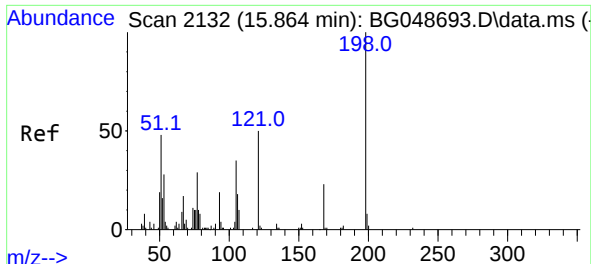
Tgt Ion: 188 Resp: 136440  
Ion Ratio Lower Upper  
188 100  
94 4.3 5.4 8.0#  
80 4.8 3.7 5.5



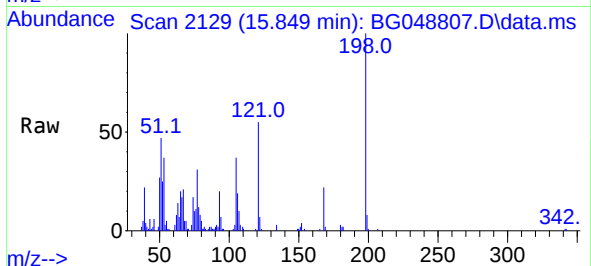
Instrument :  
BNA\_G  
ClientSampleId :  
SB-15-9.5-10.0MS

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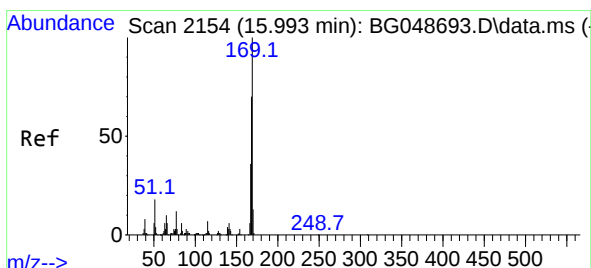
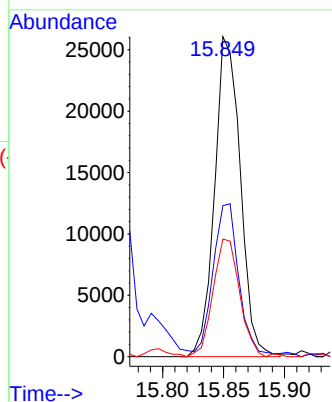
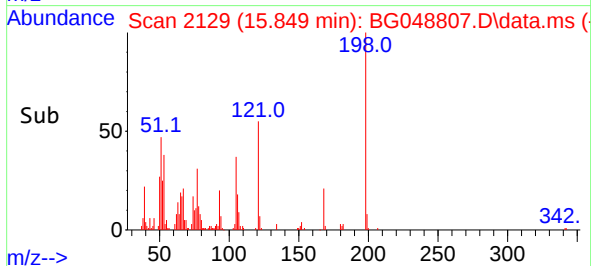
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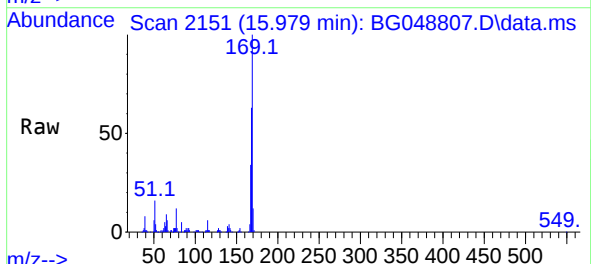
#65  
4,6-Dinitro-2-methylphenol  
Concen: 41.86 ng  
RT: 15.849 min Scan# 2129  
Delta R.T. -0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34



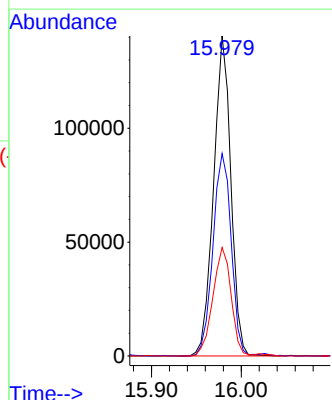
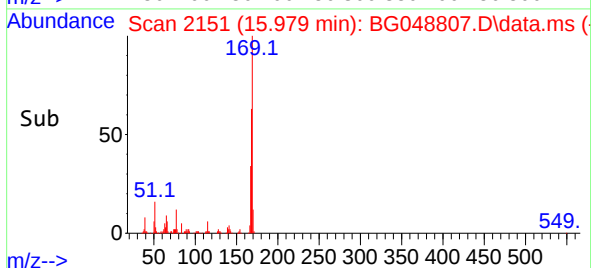
Tgt Ion:198 Resp: 38234  
Ion Ratio Lower Upper  
198 100  
51 47.2 29.4 69.4  
105 36.8 15.1 55.1



#66  
n-Nitrosodiphenylamine  
Concen: 48.72 ng  
RT: 15.979 min Scan# 2151  
Delta R.T. -0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34



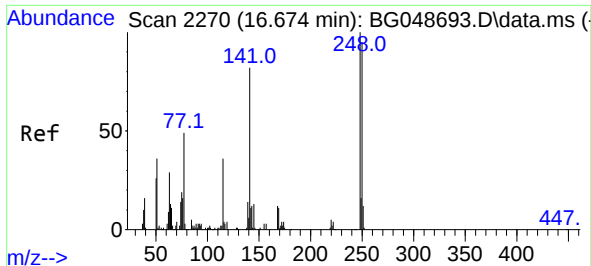
Tgt Ion:169 Resp: 187889  
Ion Ratio Lower Upper  
169 100  
168 63.2 56.3 84.5  
167 33.9 28.4 42.6



Instrument :  
BNA\_G  
ClientSampleId :  
SB-15-9.5-10.0MS

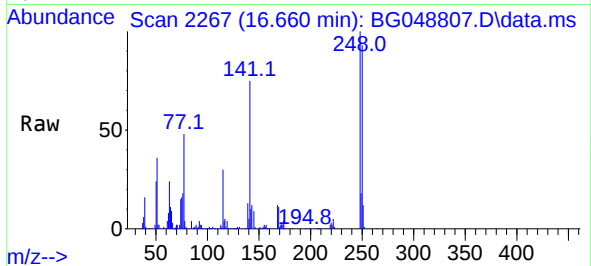
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#67  
4-Bromophenyl-phenylether  
Concen: 46.18 ng  
RT: 16.660 min Scan# 2267  
Delta R.T. -0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

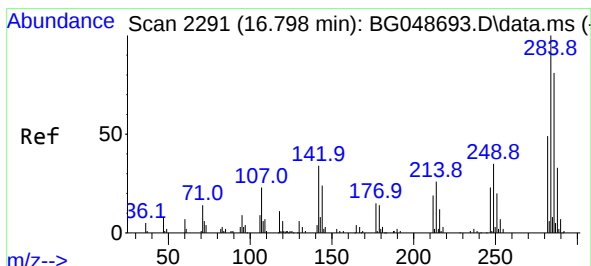
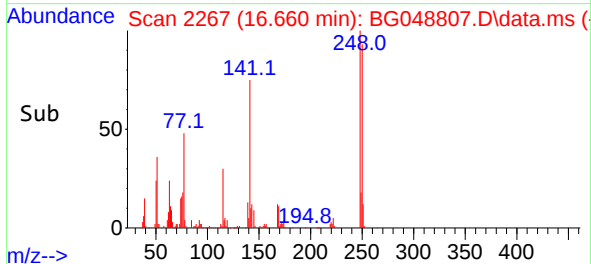
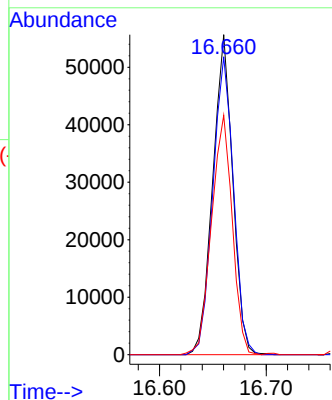
Instrument :  
BNA\_G  
ClientSampleId :  
SB-15-9.5-10.0MS



Tgt Ion:248 Resp: 72512  
Ion Ratio Lower Upper  
248 100  
250 93.1 76.1 114.1  
141 74.8 65.4 98.2

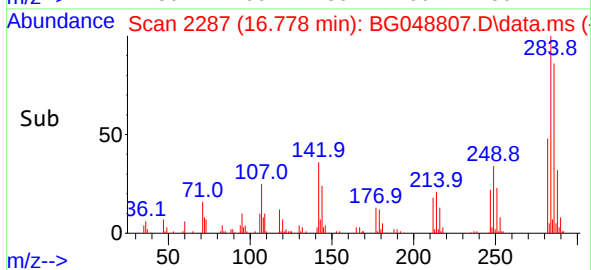
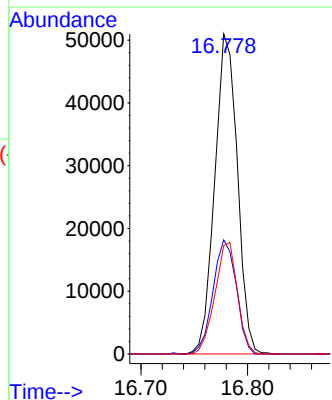
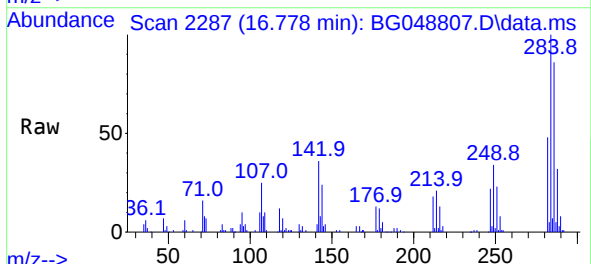
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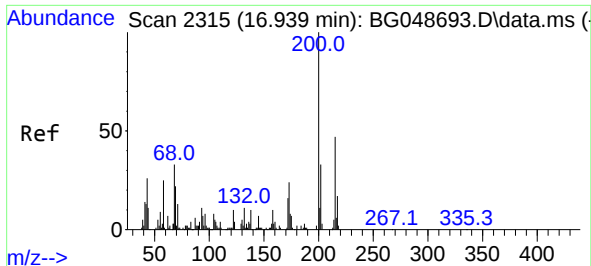
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#68  
Hexachlorobenzene  
Concen: 47.24 ng  
RT: 16.778 min Scan# 2287  
Delta R.T. -0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

Tgt Ion:284 Resp: 75148  
Ion Ratio Lower Upper  
284 100  
142 35.7 27.0 40.6  
249 33.8 28.2 42.2





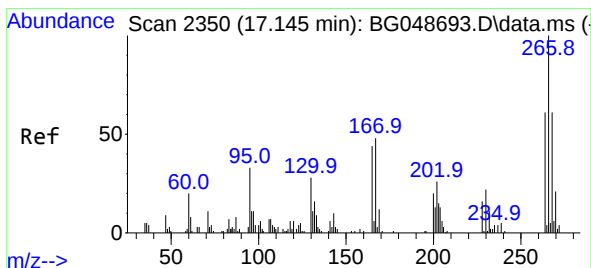
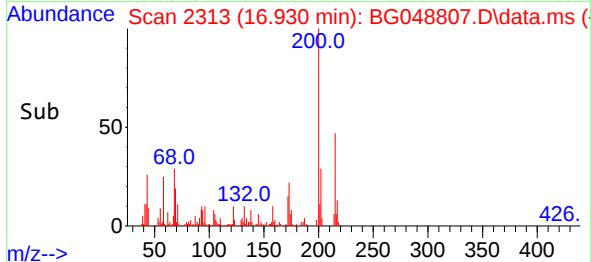
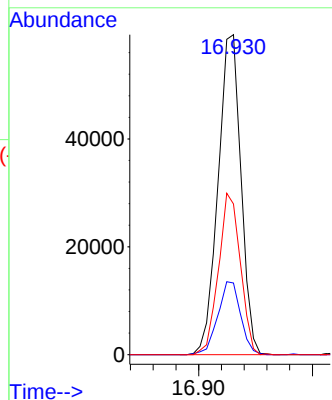
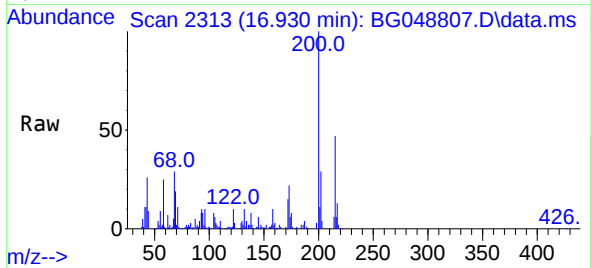
#69  
Atrazine  
Concen: 51.79 ng  
RT: 16.930 min Scan# 2313  
Delta R.T. 0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 200   | Resp: | 83057 |
| Ion Ratio | Lower | Upper |       |
| 200       | 100   |       |       |
| 173       | 22.4  | 3.7   | 43.7  |
| 215       | 47.1  | 26.9  | 66.9  |

Instrument :  
BNA\_G  
ClientSampleId :  
SB-15-9.5-10.0MS

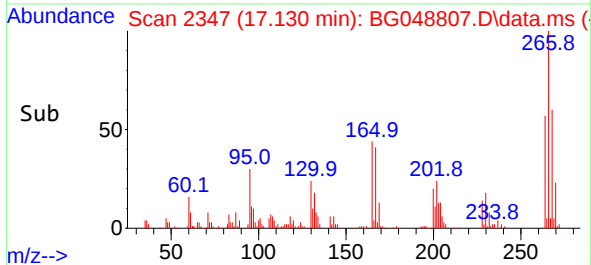
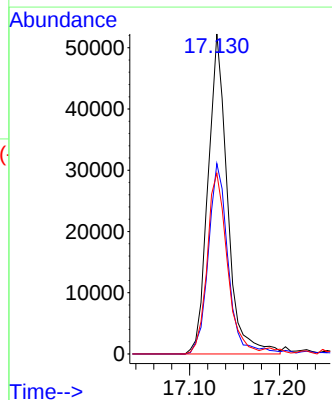
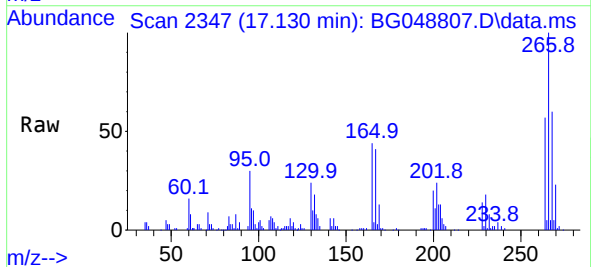
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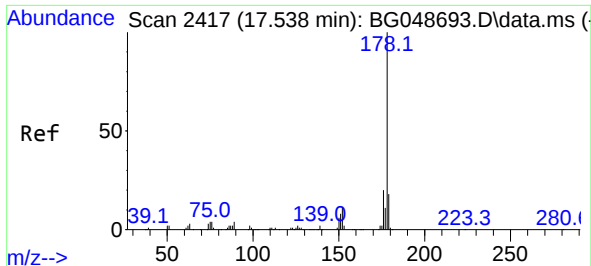
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#70  
Pentachlorophenol  
Concen: 92.61 ng  
RT: 17.130 min Scan# 2347  
Delta R.T. -0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

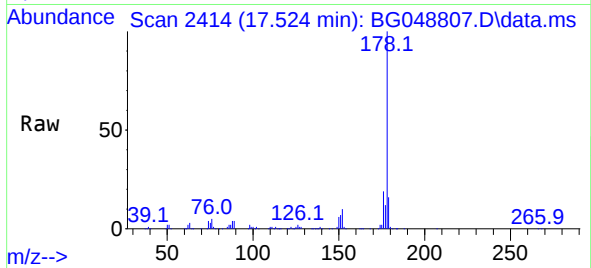
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 266   | Resp: | 78496 |
| Ion Ratio | Lower | Upper |       |
| 266       | 100   |       |       |
| 268       | 59.5  | 49.0  | 73.4  |
| 264       | 56.5  | 49.0  | 73.6  |





#71  
Phenanthrene  
Concen: 49.12 ng  
RT: 17.524 min Scan# 2414  
Delta R.T. 0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

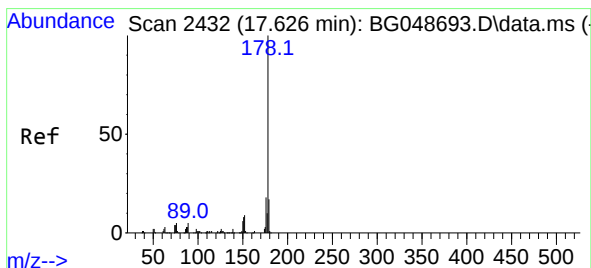
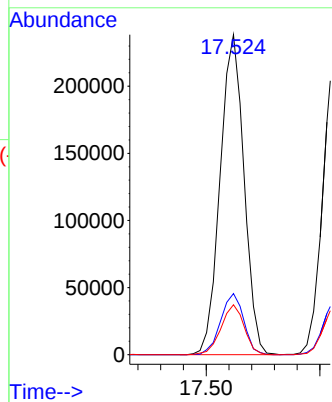
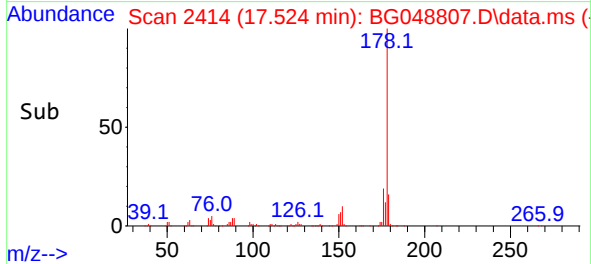
Instrument :  
BNA\_G  
ClientSampleId :  
SB-15-9.5-10.0MS



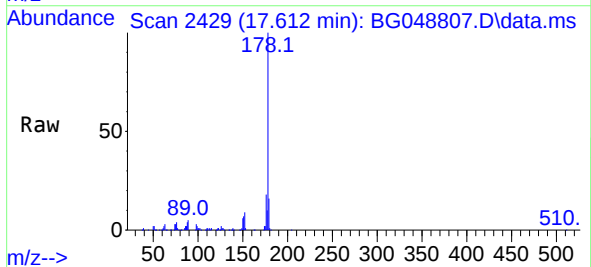
Tgt Ion:178 Resp: 347861  
Ion Ratio Lower Upper  
178 100  
176 19.1 16.0 24.0  
179 15.6 14.2 21.4

Manual Integrations  
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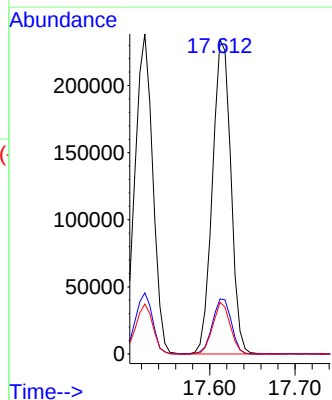
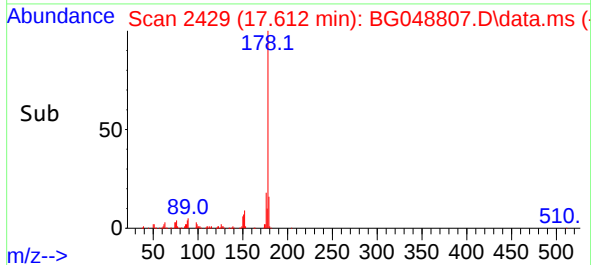
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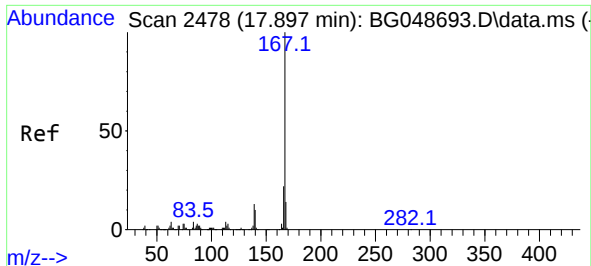


#72  
Anthracene  
Concen: 50.08 ng  
RT: 17.612 min Scan# 2429  
Delta R.T. -0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

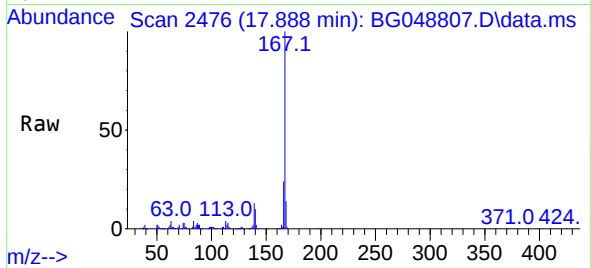


Tgt Ion:178 Resp: 350909  
Ion Ratio Lower Upper  
178 100  
176 17.5 14.6 21.8  
179 16.5 13.4 20.0

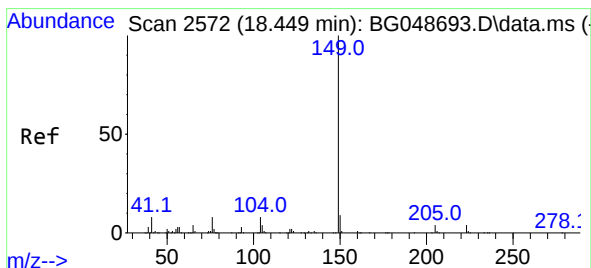
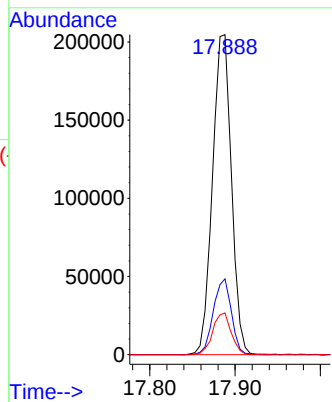
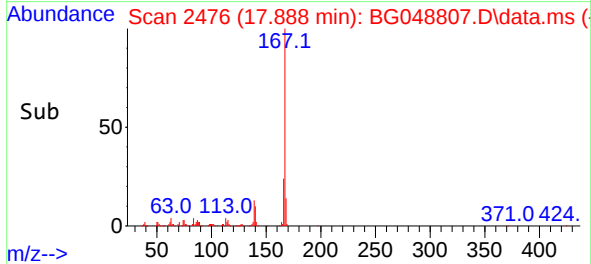




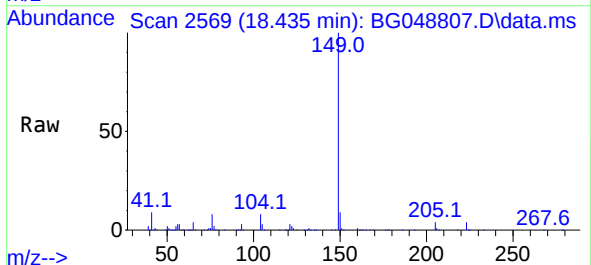
#73  
Carbazole  
Concen: 46.94 ng  
RT: 17.888 min Scan# 2476  
Delta R.T. 0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34



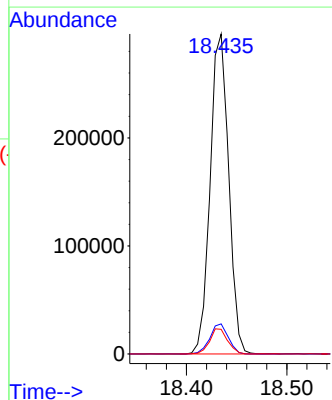
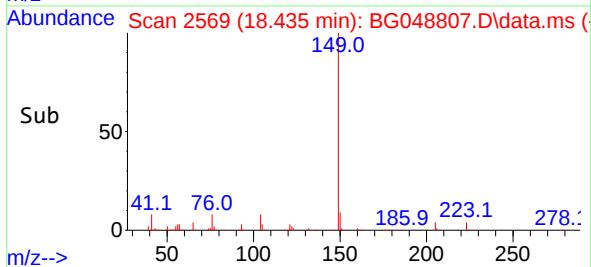
Tgt Ion:167 Resp: 315038  
Ion Ratio Lower Upper  
167 100  
166 23.7 17.4 26.2  
139 13.0 10.7 16.1



#74  
Di-n-butylphthalate  
Concen: 50.51 ng  
RT: 18.435 min Scan# 2569  
Delta R.T. 0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34



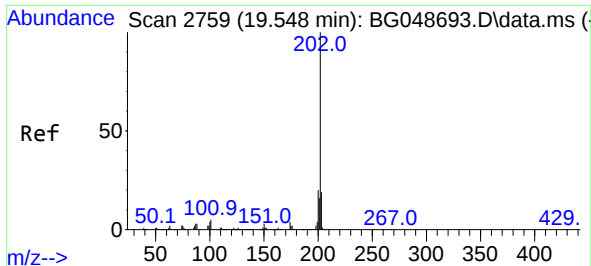
Tgt Ion:149 Resp: 380091  
Ion Ratio Lower Upper  
149 100  
150 9.4 7.5 11.3  
104 7.7 6.6 10.0



Instrument :  
BNA\_G  
ClientSampleId :  
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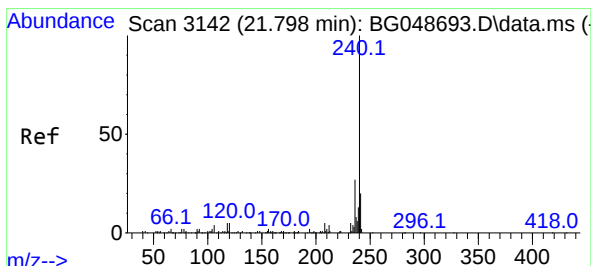
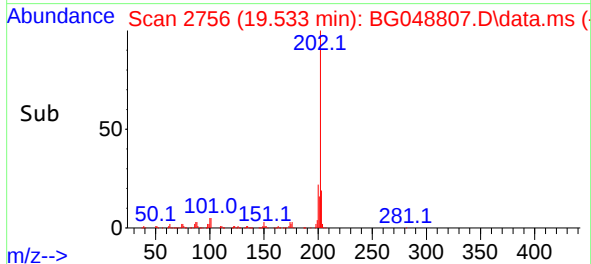
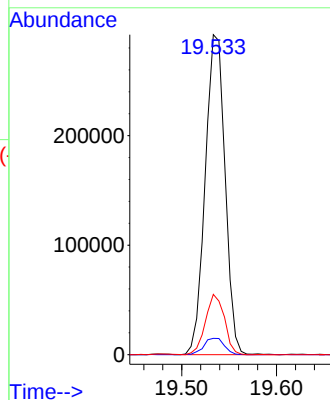
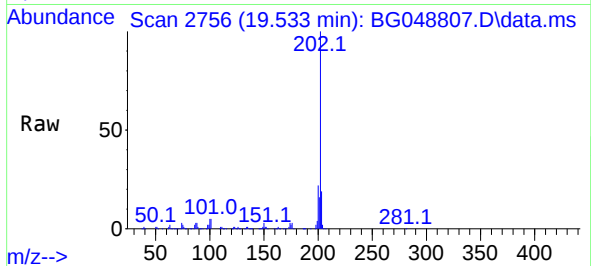
#75  
Fluoranthene  
Concen: 47.41 ng  
RT: 19.533 min Scan# 2756  
Delta R.T. -0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

Tgt Ion:202 Resp: 424607  
Ion Ratio Lower Upper  
202 100  
101 5.1 0.0 24.7  
203 18.8 0.0 38.5

Instrument :  
BNA\_G  
ClientSampleId :  
SB-15-9.5-10.0MS

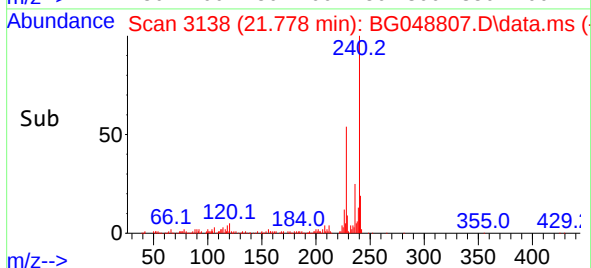
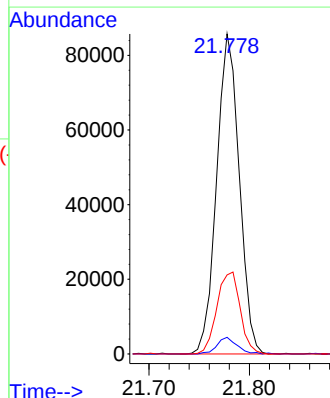
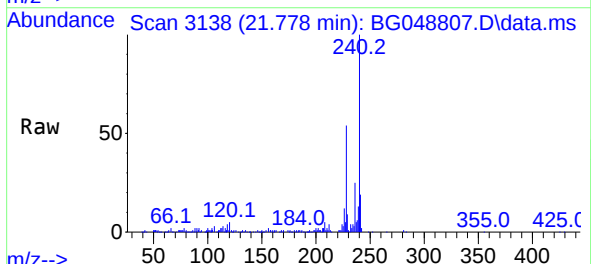
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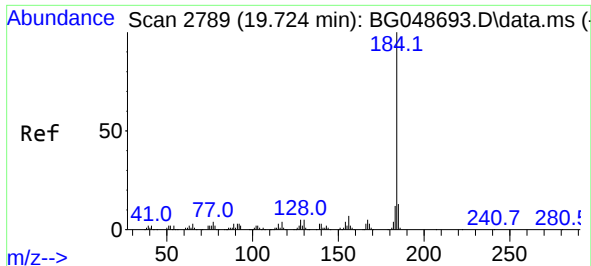
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#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.778 min Scan# 3138  
Delta R.T. -0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

Tgt Ion:240 Resp: 134094  
Ion Ratio Lower Upper  
240 100  
120 5.2 4.2 6.2  
236 24.7 21.8 32.6





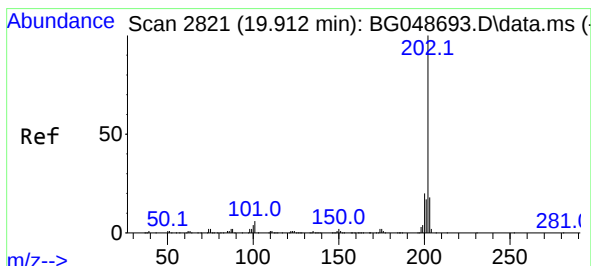
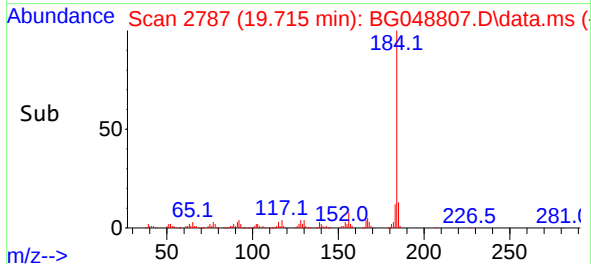
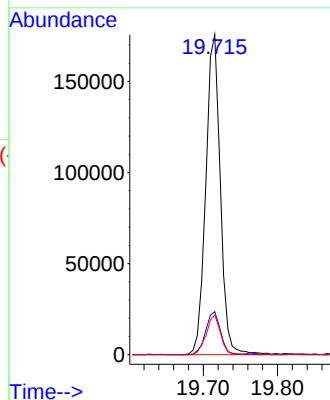
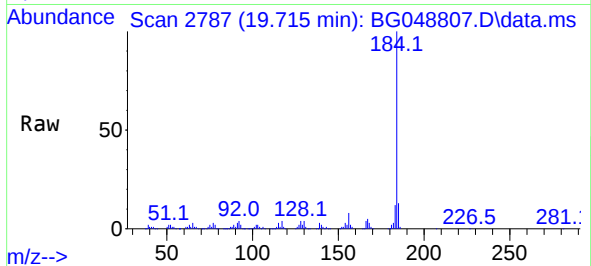
#77  
Benzidine  
Concen: 65.82 ng  
RT: 19.715 min Scan# 2787  
Delta R.T. 0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

Tgt Ion:184 Resp: 239675  
Ion Ratio Lower Upper  
184 100  
185 13.5 10.7 16.1  
183 12.4 9.4 14.0

Instrument :  
BNA\_G  
ClientSampleId :  
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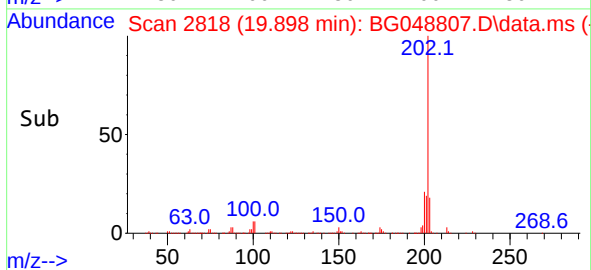
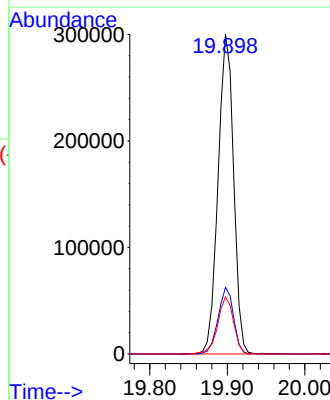
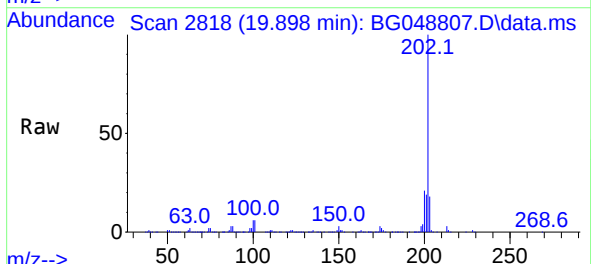
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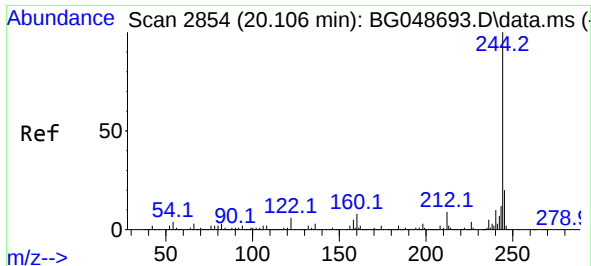
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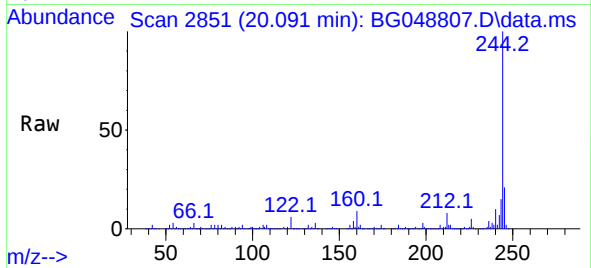
#78  
Pyrene  
Concen: 45.10 ng  
RT: 19.898 min Scan# 2818  
Delta R.T. -0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

Tgt Ion:202 Resp: 418363  
Ion Ratio Lower Upper  
202 100  
200 20.8 15.8 23.8  
203 17.8 14.6 21.8

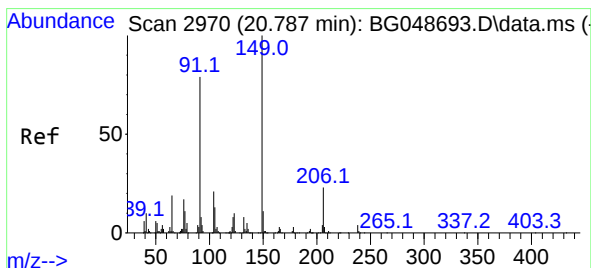
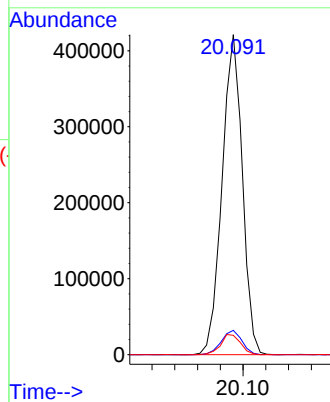
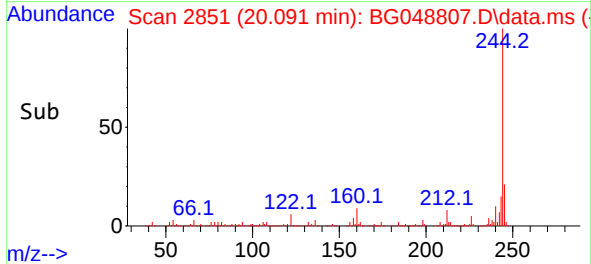




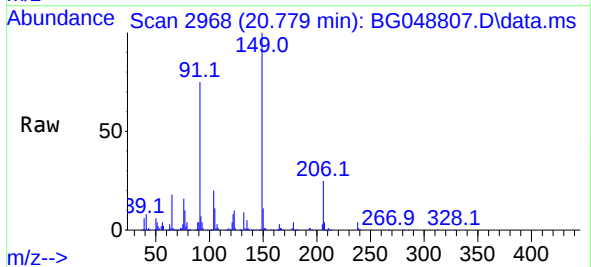
#79  
Terphenyl-d14  
Concen: 66.74 ng  
RT: 20.091 min Scan# 2851  
Delta R.T. -0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34



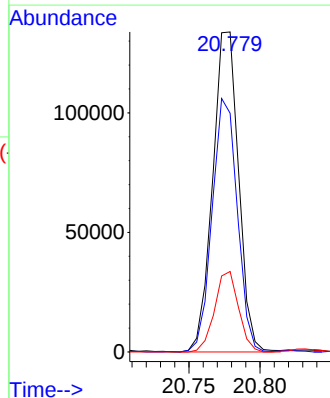
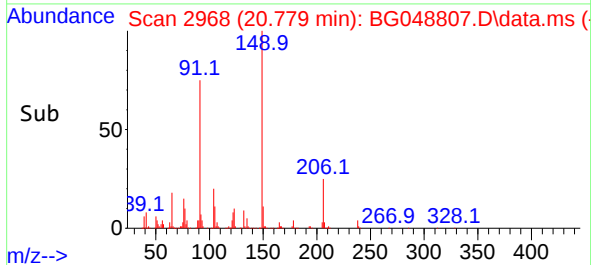
Tgt Ion:244 Resp: 520012  
Ion Ratio Lower Upper  
244 100  
212 7.6 6.9 10.3  
122 6.1 5.0 7.6



#80  
Butylbenzylphthalate  
Concen: 46.82 ng  
RT: 20.779 min Scan# 2968  
Delta R.T. 0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34



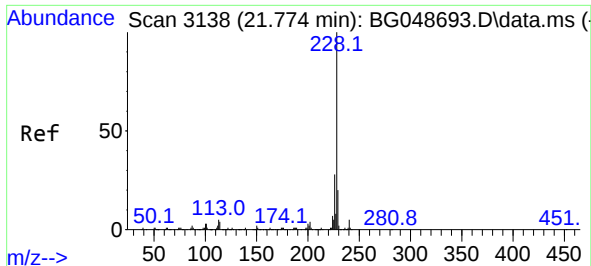
Tgt Ion:149 Resp: 169834  
Ion Ratio Lower Upper  
149 100  
91 74.6 63.4 95.2  
206 25.2 18.4 27.6



Instrument :  
BNA\_G  
ClientSampleId :  
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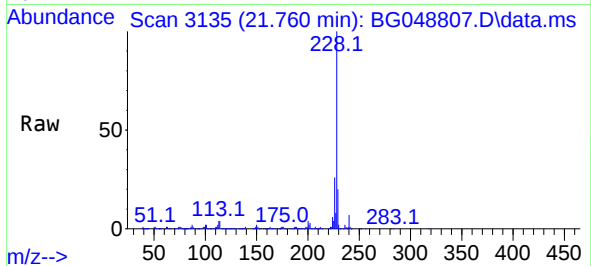
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#81  
Benzo(a)anthracene  
Concen: 45.99 ng  
RT: 21.760 min Scan# 3135  
Delta R.T. 0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

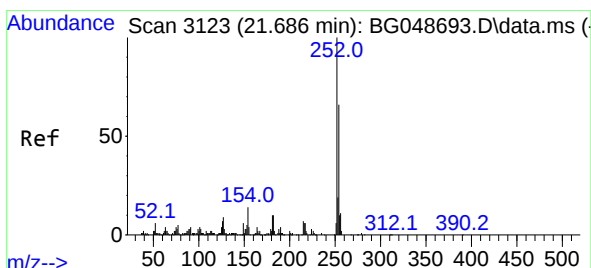
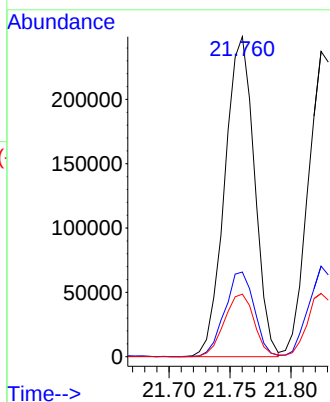
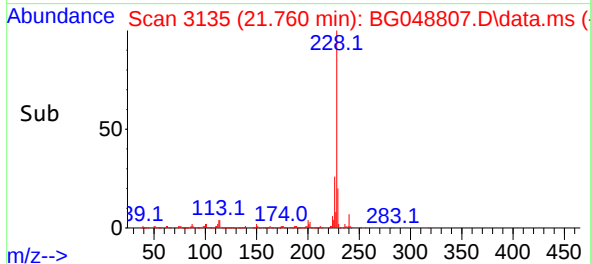
Instrument :  
BNA\_G  
ClientSampleId :  
SB-15-9.5-10.0MS



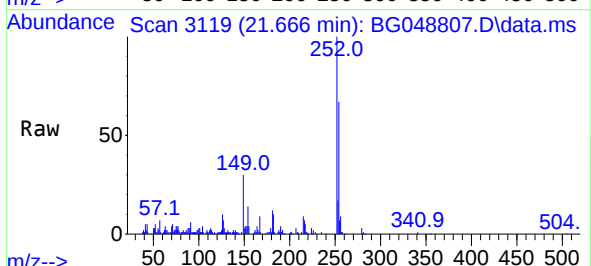
Tgt Ion:228 Resp: 421442  
Ion Ratio Lower Upper  
228 100  
226 26.4 22.7 34.1  
229 19.5 16.0 24.0

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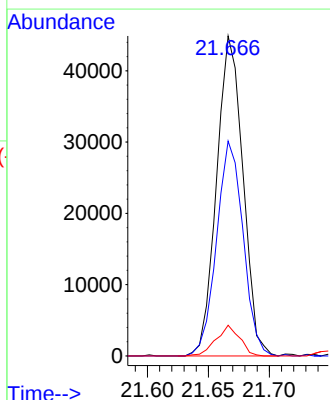
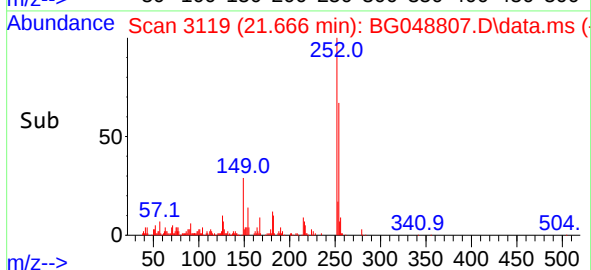
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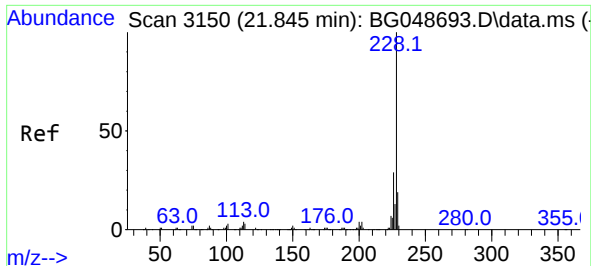


#82  
3,3'-Dichlorobenzidine  
Concen: 21.53 ng  
RT: 21.666 min Scan# 3119  
Delta R.T. -0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34



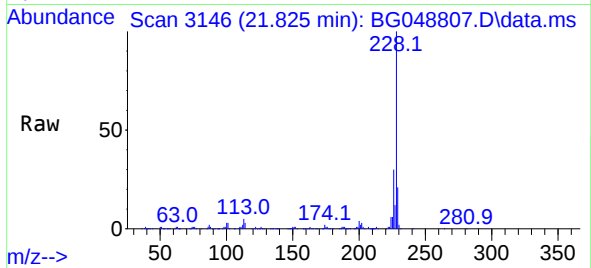
Tgt Ion:252 Resp: 67661  
Ion Ratio Lower Upper  
252 100  
254 67.2 52.4 78.6  
126 9.6 5.9 8.9#





#83  
Chrysene  
Concen: 44.96 ng  
RT: 21.825 min Scan# 3146  
Delta R.T. -0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

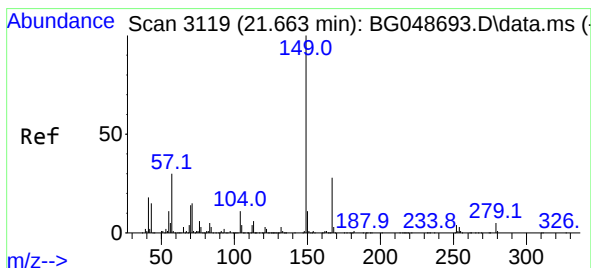
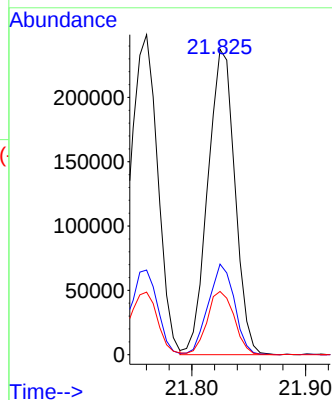
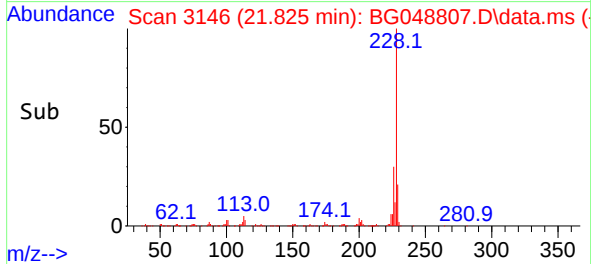
Instrument :  
BNA\_G  
ClientSampleId :  
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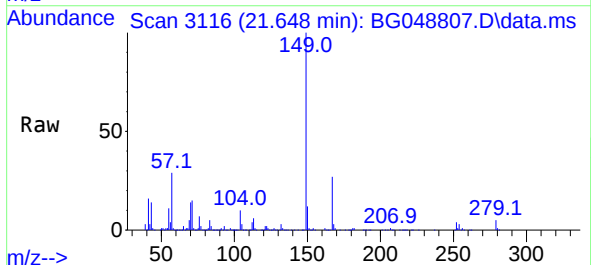
Tgt Ion:228 Resp: 392443  
Ion Ratio Lower Upper  
228 100  
226 29.7 23.1 34.7  
229 20.7 15.3 22.9

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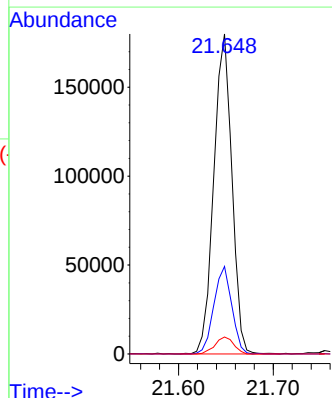
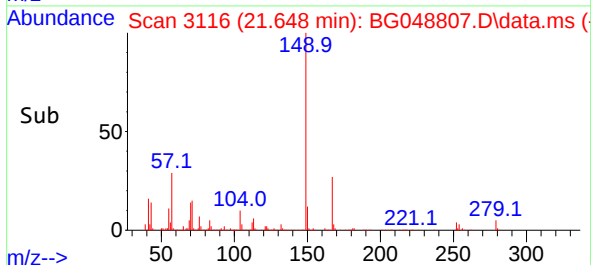
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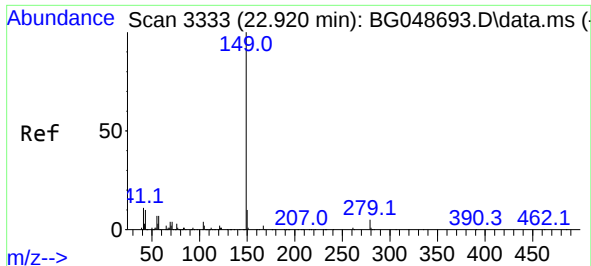


#84  
Bis(2-ethylhexyl)phthalate  
Concen: 46.90 ng  
RT: 21.648 min Scan# 3116  
Delta R.T. 0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34



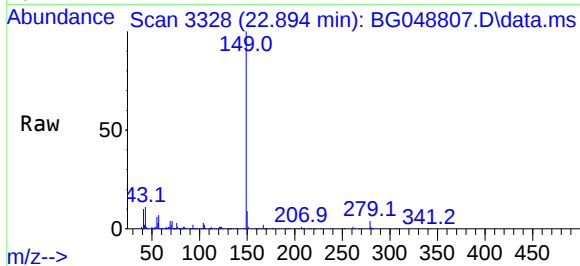
Tgt Ion:149 Resp: 238184  
Ion Ratio Lower Upper  
149 100  
167 27.3 22.3 33.5  
279 5.3 3.8 5.8





#85  
Di-n-octyl phthalate  
Concen: 47.70 ng  
RT: 22.894 min Scan# 3328  
Delta R.T. -0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

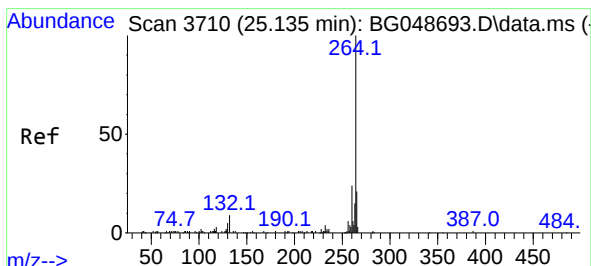
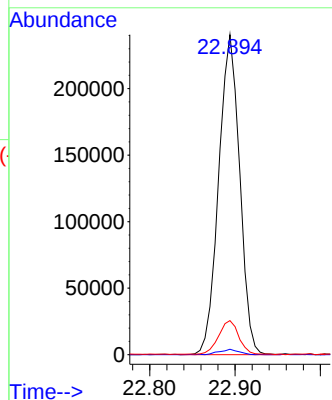
Instrument :  
BNA\_G  
ClientSampleId :  
SB-15-9.5-10.0MS



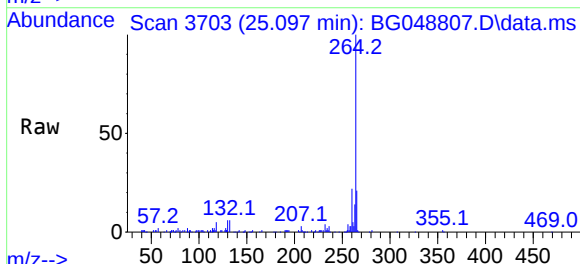
Tgt Ion:149 Resp: 412421  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.4 2.2  
43 10.6 8.6 12.8

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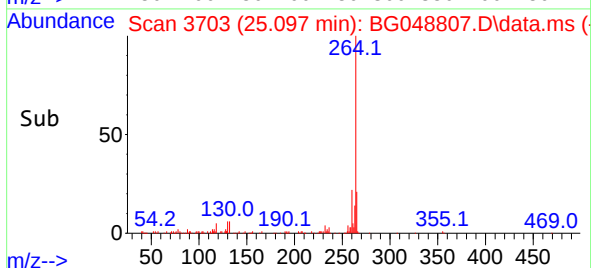
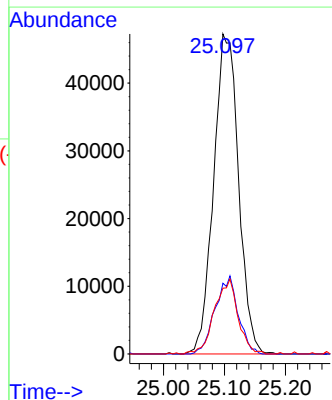
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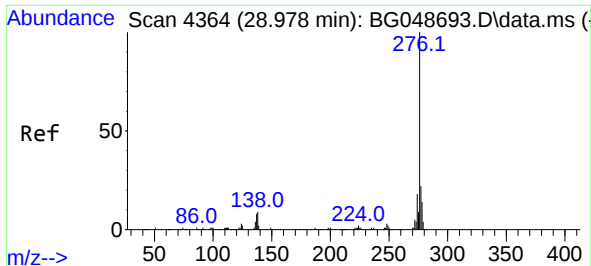


#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 25.097 min Scan# 3703  
Delta R.T. -0.014 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34



Tgt Ion:264 Resp: 134365  
Ion Ratio Lower Upper  
264 100  
260 22.1 19.4 29.2  
265 20.6 16.9 25.3





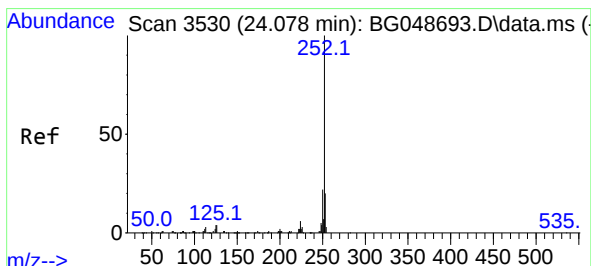
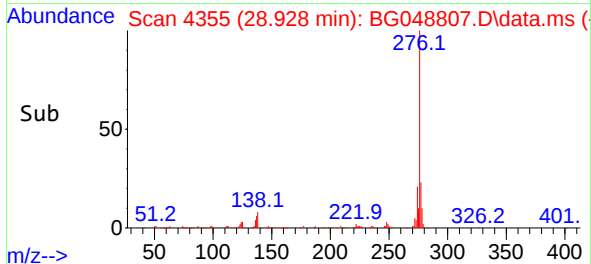
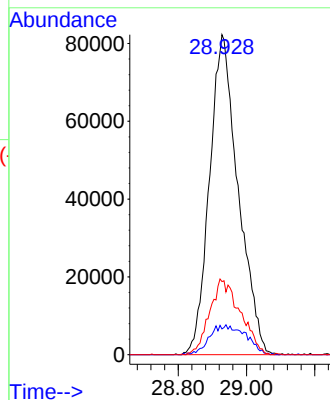
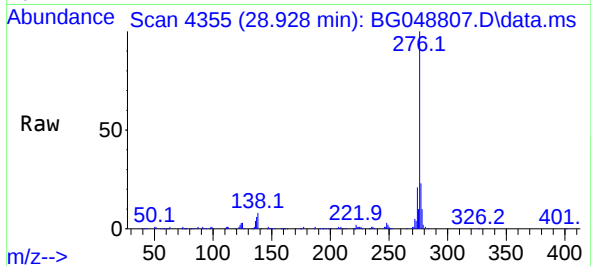
#87  
Indeno(1,2,3-cd)pyrene  
Concen: 48.59 ng  
RT: 28.928 min Scan# 4355  
Delta R.T. -0.009 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

Tgt Ion: 276 Resp: 479504  
Ion Ratio Lower Upper  
276 100  
138 3.4 5.1 7.7#  
277 25.3 19.8 29.6

Instrument :  
BNA\_G  
ClientSampleId :  
SB-15-9.5-10.0MS

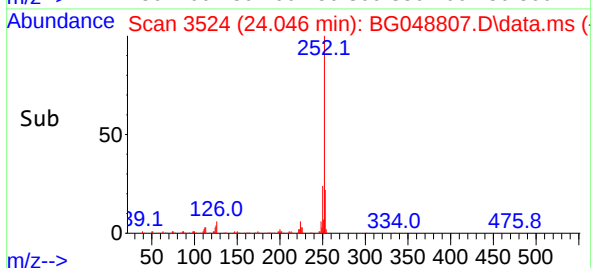
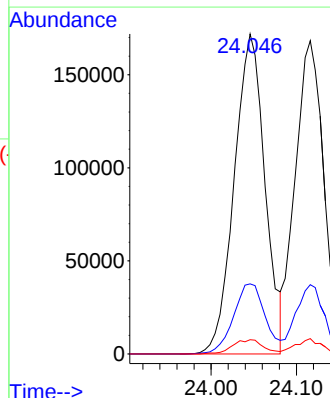
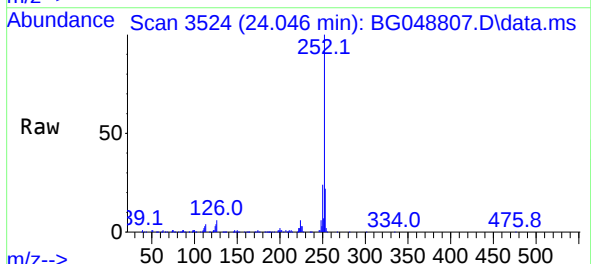
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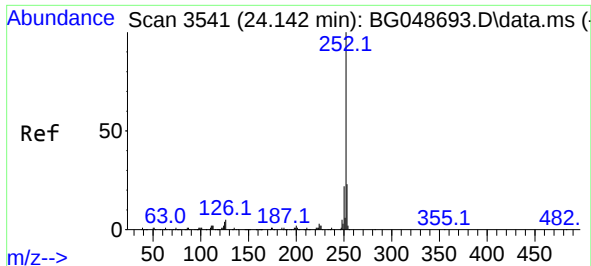
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#88  
Benzo(b)fluoranthene  
Concen: 47.14 ng  
RT: 24.046 min Scan# 3524  
Delta R.T. -0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

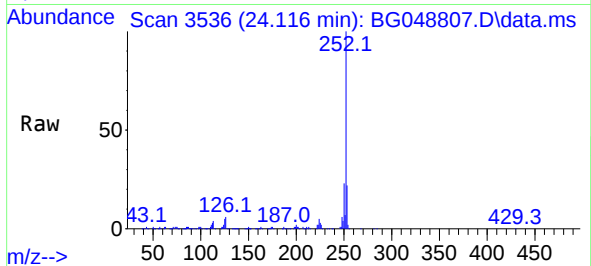
Tgt Ion: 252 Resp: 429689  
Ion Ratio Lower Upper  
252 100  
253 21.9 16.2 24.4  
125 4.5 3.0 4.4#





#89  
Benzo(k)fluoranthene  
Concen: 45.37 ng m  
RT: 24.116 min Scan# 3536  
Delta R.T. -0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

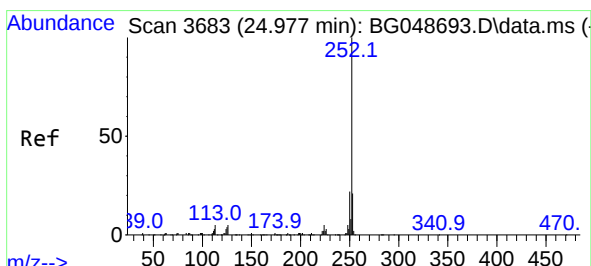
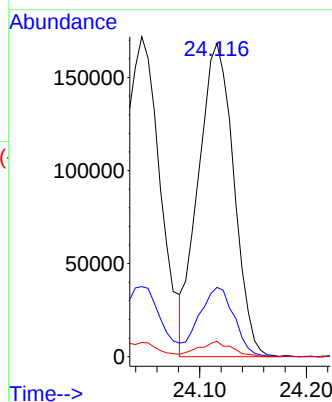
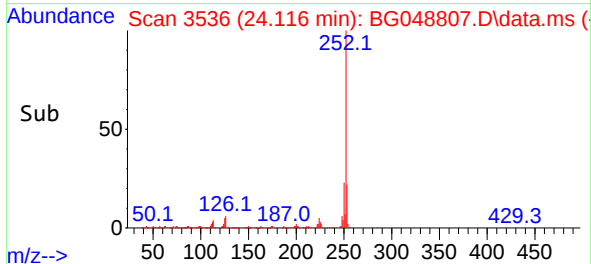
Instrument :  
BNA\_G  
ClientSampleId :  
SB-15-9.5-10.0MS



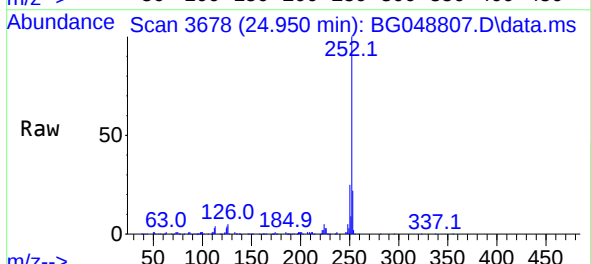
Tgt Ion:252 Resp: 388929  
Ion Ratio Lower Upper  
252 100  
253 22.1 18.0 27.0  
125 4.9 3.1 4.7#

Manual Integrations  
APPROVED

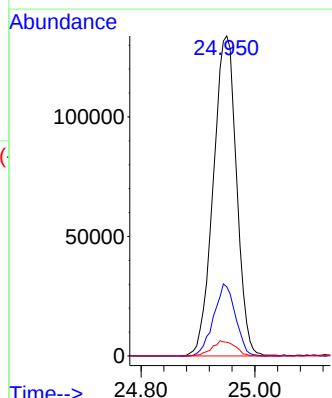
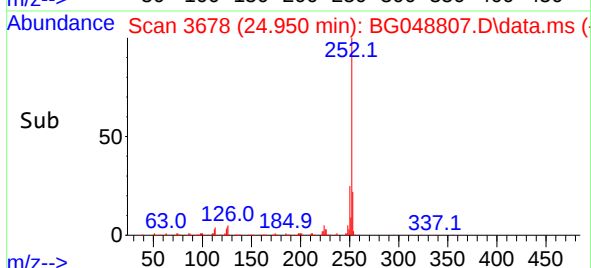
mohammad  
4/21/2021 11:24:47 AM

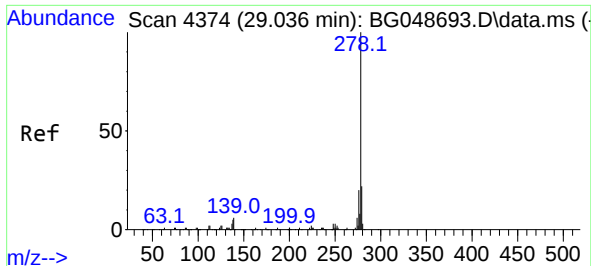


#90  
Benzo(a)pyrene  
Concen: 45.27 ng  
RT: 24.950 min Scan# 3678  
Delta R.T. -0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34



Tgt Ion:252 Resp: 380165  
Ion Ratio Lower Upper  
252 100  
253 21.6 16.6 25.0  
125 4.3 3.5 5.3





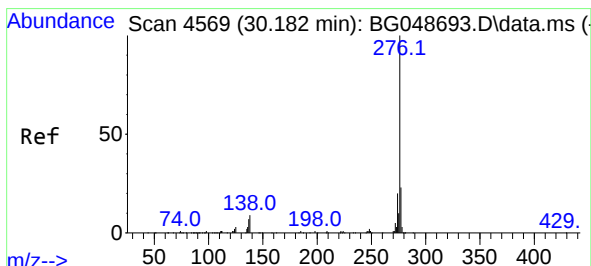
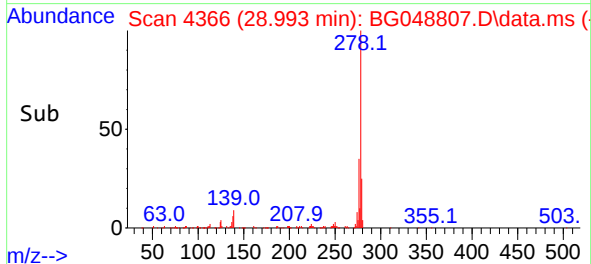
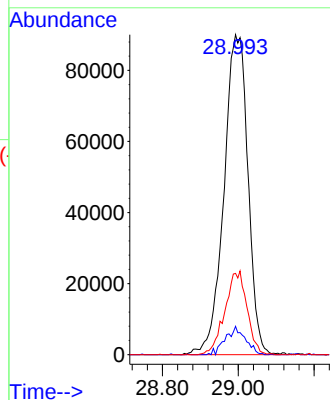
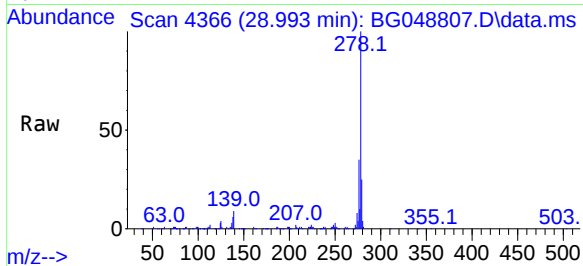
#91  
Dibenzo(a,h)anthracene  
Concen: 46.79 ng  
RT: 28.993 min Scan# 4366  
Delta R.T. -0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

Tgt Ion: 278 Resp: 396059  
Ion Ratio Lower Upper  
278 100  
139 8.9 4.6 6.8#  
279 25.4 17.9 26.9

Instrument :  
BNA\_G  
ClientSampleId :  
SB-15-9.5-10.0MS

Manual Integrations  
APPROVED

mohammad  
4/21/2021 11:24:47 AM



#92  
Benzo(g,h,i)perylene  
Concen: 47.25 ng  
RT: 30.133 min Scan# 4560  
Delta R.T. 0.003 min  
Lab File: BG048807.D  
Acq: 20 Apr 2021 23:34

Tgt Ion: 276 Resp: 394776  
Ion Ratio Lower Upper  
276 100  
277 24.2 18.4 27.6  
138 11.8 7.0 10.6#

