

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100520\  
 Data File : BG046786.D  
 Acq On : 5 Oct 2020 16:53  
 Operator : CG/JU  
 Sample : L4153-02  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 X2N56

Quant Time: Oct 05 17:27:55 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM01-EPA-BG092820.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Oct 05 11:23:35 2020  
 Response via : Initial Calibration

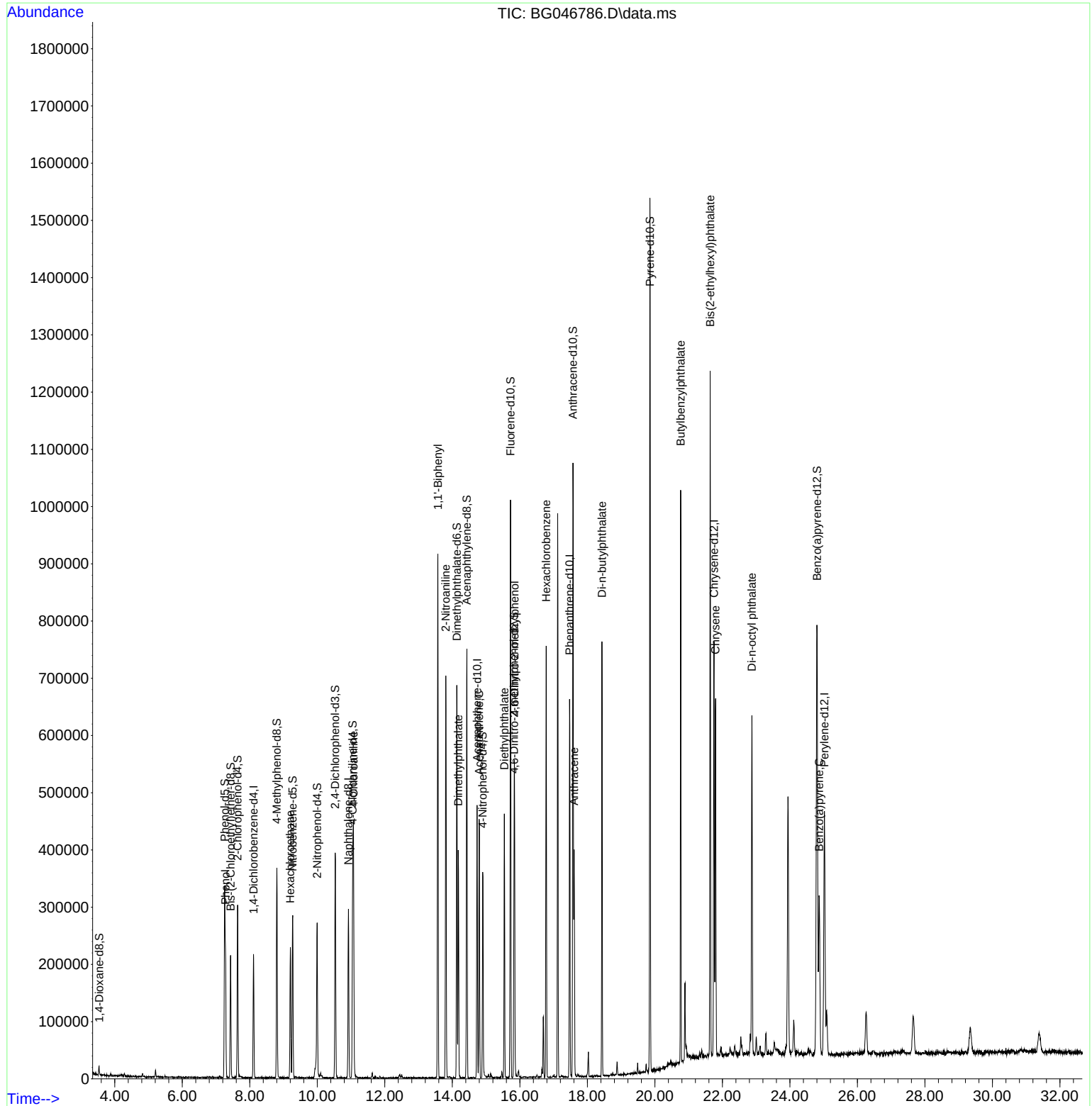
| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| Internal Standards            |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.115  | 152  | 57265    | 20.00 | ng/ul  | # 0.00   |
| 18) Naphthalene-d8            | 10.923 | 136  | 234795   | 20.00 | ng/ul  | 0.00     |
| 36) Acenaphthene-d10          | 14.736 | 164  | 170903   | 20.00 | ng/ul  | 0.00     |
| 62) Phenanthrene-d10          | 17.474 | 188  | 405415   | 20.00 | ng/ul  | 0.00     |
| 78) Chrysene-d12              | 21.752 | 240  | 460081   | 20.00 | ng/ul  | 0.00     |
| 86) Perylene-d12              | 25.024 | 264  | 462931   | 20.00 | ng/ul  | 0.00     |
| System Monitoring Compounds   |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8             | 3.538  | 96   | 7854     | 6.43  | ng/uL  | 0.00     |
| 5) Phenol-d5                  | 7.257  | 99   | 171660   | 35.65 | ng/ul  | 0.00     |
| 7) Bis-(2-Chloroethyl)eth...  | 7.433  | 67   | 100981   | 33.22 | ng/ul  | 0.00     |
| 9) 2-Chlorophenol-d4          | 7.639  | 132  | 127267   | 36.35 | ng/ul  | 0.00     |
| 13) 4-Methylphenol-d8         | 8.802  | 113  | 132389   | 34.99 | ng/ul  | 0.00     |
| 19) Nitrobenzene-d5           | 9.272  | 128  | 66493    | 44.31 | ng/ul  | 0.00     |
| 22) 2-Nitrophenol-d4          | 9.995  | 143  | 78574    | 49.07 | ng/ul  | 0.00     |
| 26) 2,4-Dichlorophenol-d3     | 10.530 | 165  | 148135   | 37.36 | ng/ul  | 0.00     |
| 29) 4-Chloroaniline-d4        | 11.047 | 131  | 170170   | 34.62 | ng/ul  | 0.00     |
| 44) Dimethylphthalate-d6      | 14.131 | 166  | 447844   | 34.65 | ng/ul  | 0.00     |
| 47) Acenaphthylene-d8         | 14.431 | 160  | 505023   | 32.64 | ng/ul  | 0.00     |
| 52) 4-Nitrophenol-d4          | 14.901 | 143  | 78907    | 38.31 | ng/ul  | 0.00     |
| 58) Fluorene-d10              | 15.724 | 176  | 404256   | 33.63 | ng/ul  | 0.00     |
| 63) 4,6-Dinitro-2-methylph... | 15.829 | 200  | 78039    | 42.58 | ng/ul  | 0.00     |
| 71) Anthracene-d10            | 17.574 | 188  | 648364   | 34.88 | ng/ul  | 0.00     |
| 79) Pyrene-d10                | 19.854 | 212  | 842678   | 35.19 | ng/ul  | 0.00     |
| 90) Benzo(a)pyrene-d12        | 24.801 | 264  | 869184   | 34.74 | ng/ul  | 0.00     |
| Target Compounds              |        |      |          |       |        |          |
|                               |        |      |          |       |        | Qvalue   |
| 6) Phenol                     | 7.280  | 94   | 111475   | 21.92 | ng/ul  | 99       |
| 17) Hexachloroethane          | 9.202  | 117  | 41749    | 25.76 | ng/ul  | 97       |
| 30) 4-Chloroaniline           | 11.076 | 127  | 185904   | 39.32 | ng/ul  | 96       |
| 41) 1,1'-Biphenyl             | 13.573 | 154  | 491497   | 37.09 | ng/ul  | 99       |
| 43) 2-Nitroaniline            | 13.808 | 65   | 205398   | 84.88 | ng/ul  | 93       |
| 45) Dimethylphthalate         | 14.178 | 163  | 247035   | 18.51 | ng/ul  | 99       |
| 50) Acenaphthene              | 14.795 | 153  | 188579   | 17.22 | ng/ul  | 96       |
| 57) Diethylphthalate          | 15.541 | 149  | 247844   | 18.78 | ng/ul  | 98       |
| 64) 4,6-Dinitro-2-methylph... | 15.841 | 198  | 98930    | 49.14 | ng/ul# | 87       |
| 67) Hexachlorobenzene         | 16.781 | 284  | 159025   | 38.30 | ng/ul  | 94       |
| 72) Anthracene                | 17.610 | 178  | 258180   | 11.53 | ng/ul  | 99       |
| 76) Di-n-butylphthalate       | 18.432 | 149  | 514616   | 23.39 | ng/ul  | 99       |
| 81) Butylbenzylphthalate      | 20.765 | 149  | 284772   | 27.37 | ng/ul  | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.640 | 149  | 465209   | 30.38 | ng/ul  | 98       |
| 85) Chrysene                  | 21.799 | 228  | 422940   | 14.43 | ng/ul  | 99       |
| 87) Di-n-octyl phthalate      | 22.874 | 149  | 506899   | 19.76 | ng/ul  | 100      |
| 91) Benzo(a)pyrene            | 24.866 | 252  | 317507   | 11.28 | ng/ul  | 99       |
| -----                         |        |      |          |       |        |          |

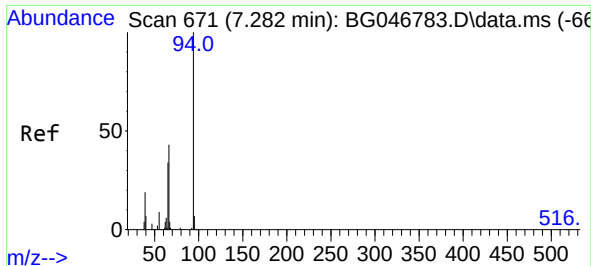
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100520\  
Data File : BG046786.D  
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Operator : CG/JU  
Sample : L4153-02  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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Quant Time: Oct 05 17:27:55 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SFAM01-EPA-BG092820.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Oct 05 11:23:35 2020  
Response via : Initial Calibration

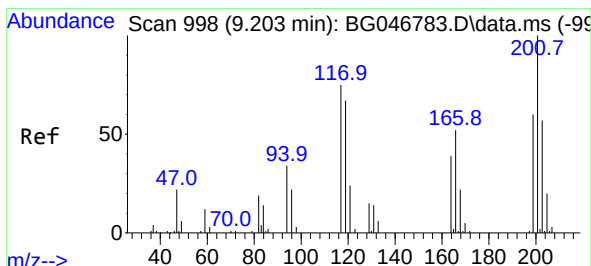
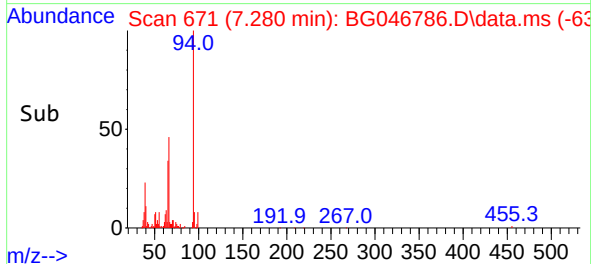
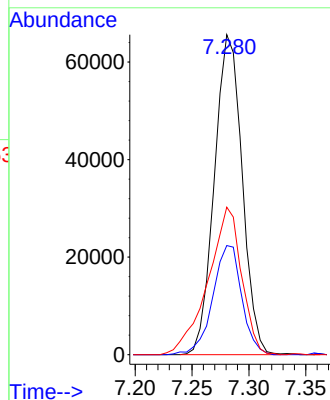
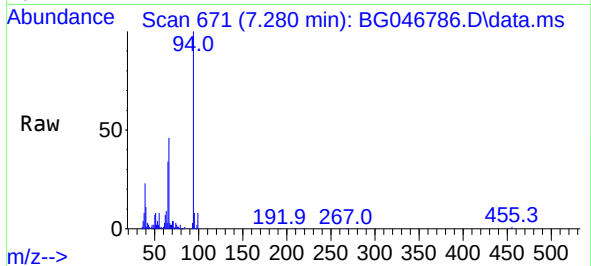




#6  
Phenol  
Concen: 21.92 ng/ul  
RT: 7.280 min Scan# 671  
Delta R.T. -0.001 min  
Lab File: BG046786.D  
Acq: 5 Oct 2020 16:53

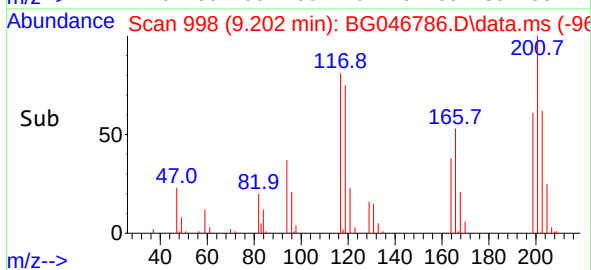
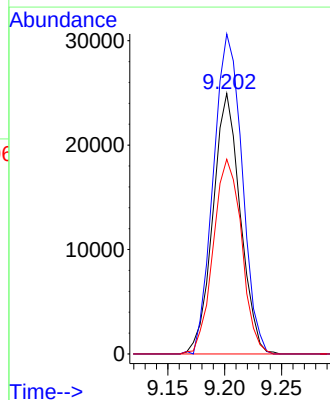
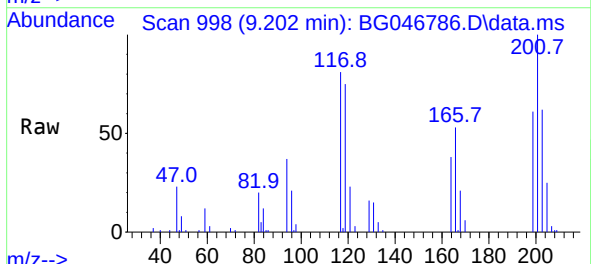
Instrument :  
BNA\_G  
ClientSampleId :  
X2N56

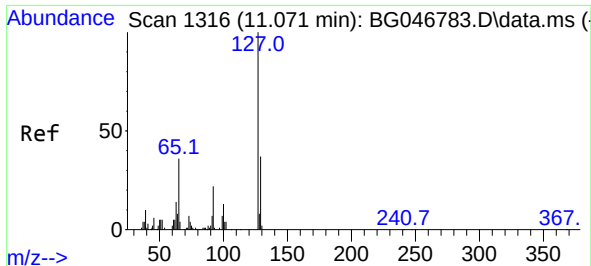
Tgt Ion: 94 Resp: 111475  
Ion Ratio Lower Upper  
94 100  
65 34.1 26.9 40.3  
66 46.1 37.8 56.8



#17  
Hexachloroethane  
Concen: 25.76 ng/ul  
RT: 9.202 min Scan# 998  
Delta R.T. -0.001 min  
Lab File: BG046786.D  
Acq: 5 Oct 2020 16:53

Tgt Ion: 117 Resp: 41749  
Ion Ratio Lower Upper  
117 100  
201 122.9 97.3 145.9  
199 74.8 64.3 96.5

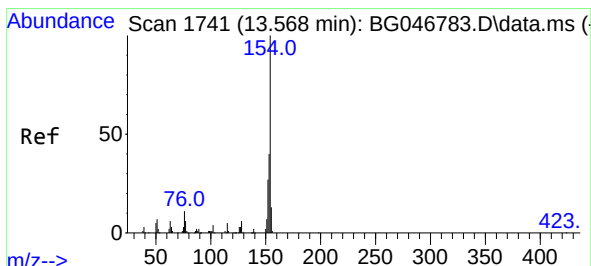
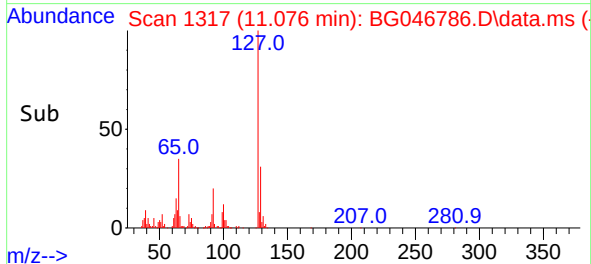
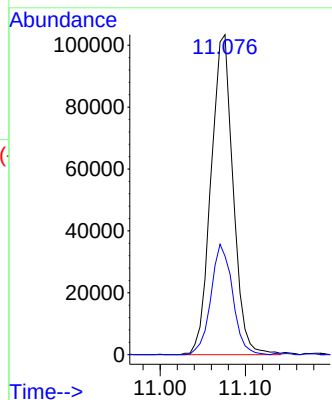
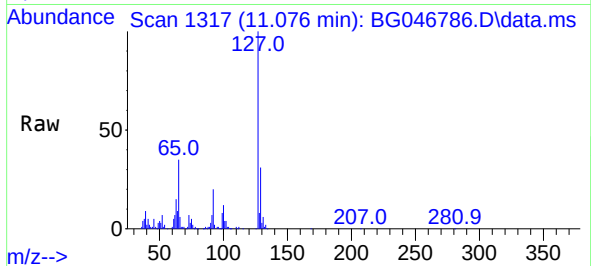




#30  
4-Chloroaniline  
Concen: 39.32 ng/ul  
RT: 11.076 min Scan# 1317  
Delta R.T. 0.005 min  
Lab File: BG046786.D  
Acq: 5 Oct 2020 16:53

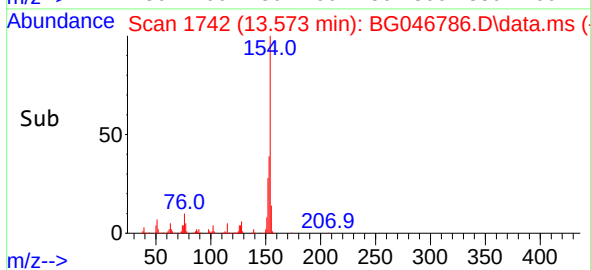
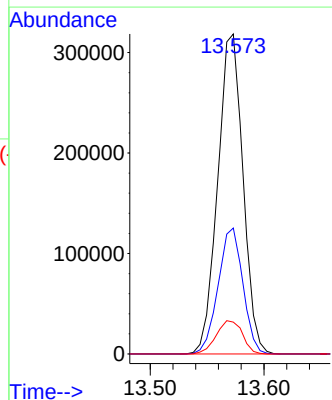
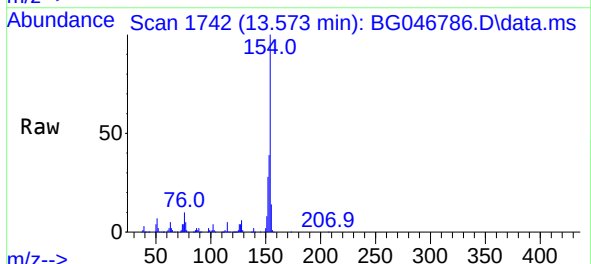
Instrument :  
BNA\_G  
ClientSampled :  
X2N56

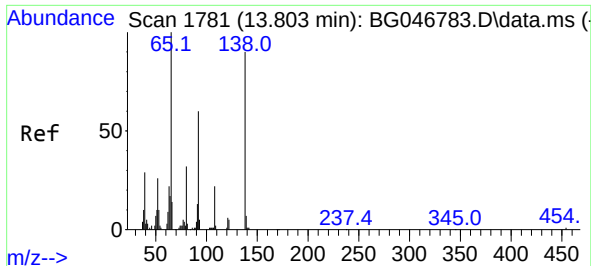
Tgt Ion:127 Resp: 185904  
Ion Ratio Lower Upper  
127 100  
129 30.8 26.5 39.7



#41  
1,1'-Biphenyl  
Concen: 37.09 ng/ul  
RT: 13.573 min Scan# 1742  
Delta R.T. 0.005 min  
Lab File: BG046786.D  
Acq: 5 Oct 2020 16:53

Tgt Ion:154 Resp: 491497  
Ion Ratio Lower Upper  
154 100  
153 39.3 31.1 46.7  
76 10.0 8.6 12.8

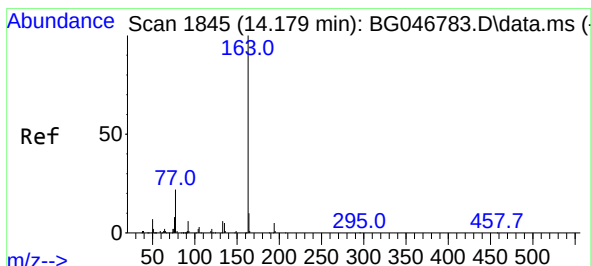
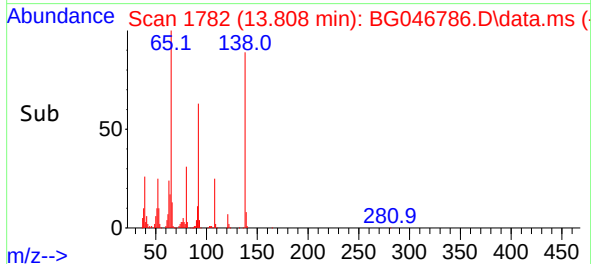
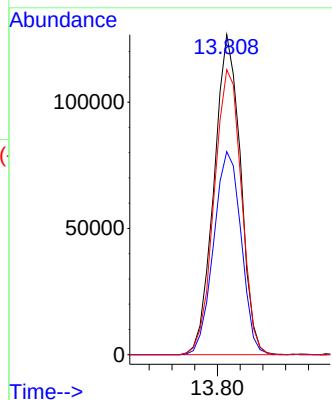
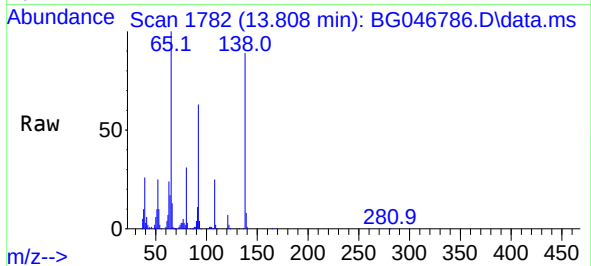




#43  
2-Nitroaniline  
Concen: 84.88 ng/ul  
RT: 13.808 min Scan# 1782  
Delta R.T. 0.005 min  
Lab File: BG046786.D  
Acq: 5 Oct 2020 16:53

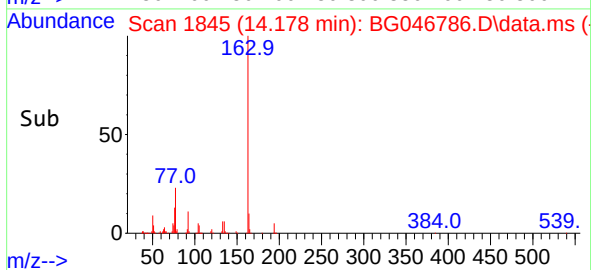
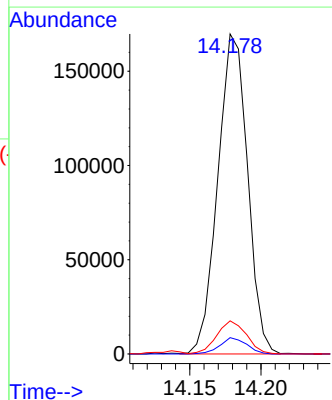
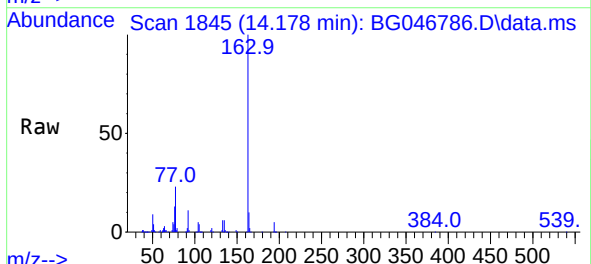
Instrument :  
BNA\_G  
ClientSampled :  
X2N56

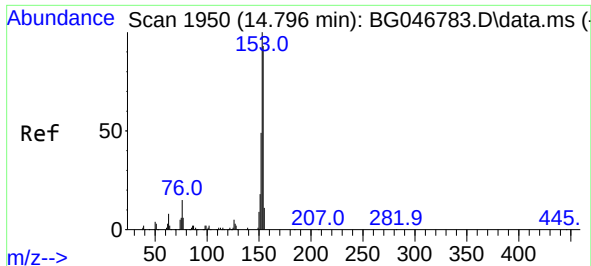
Tgt Ion: 65 Resp: 205398  
Ion Ratio Lower Upper  
65 100  
92 63.4 54.6 81.8  
138 89.1 77.5 116.3



#45  
Dimethylphthalate  
Concen: 18.51 ng/ul  
RT: 14.178 min Scan# 1845  
Delta R.T. -0.001 min  
Lab File: BG046786.D  
Acq: 5 Oct 2020 16:53

Tgt Ion:163 Resp: 247035  
Ion Ratio Lower Upper  
163 100  
194 5.1 3.4 5.2  
164 10.3 8.6 12.8

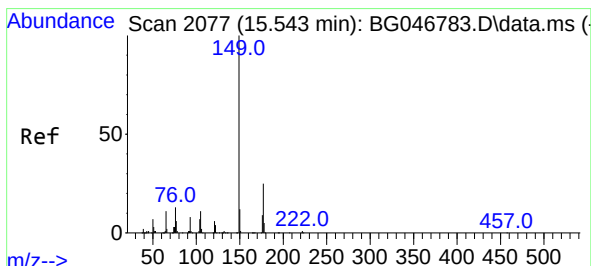
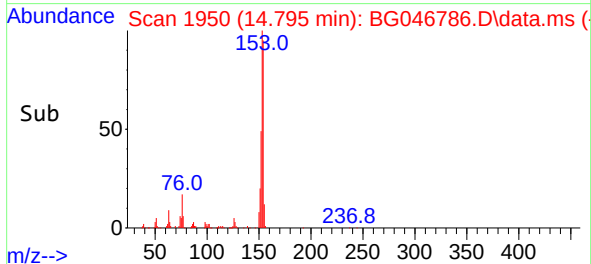
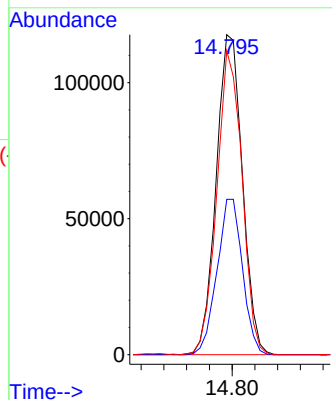
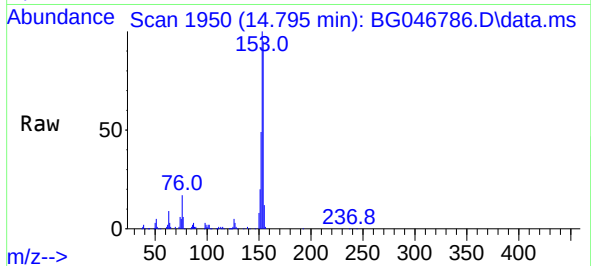




#50  
Acenaphthene  
Concen: 17.22 ng/ul  
RT: 14.795 min Scan# 1950  
Delta R.T. -0.001 min  
Lab File: BG046786.D  
Acq: 5 Oct 2020 16:53

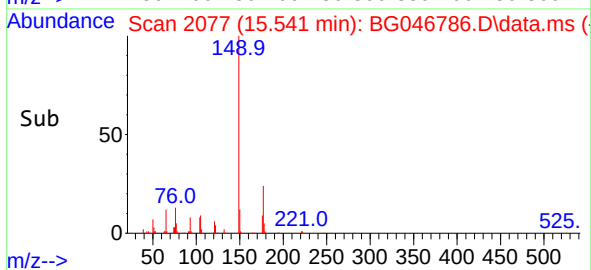
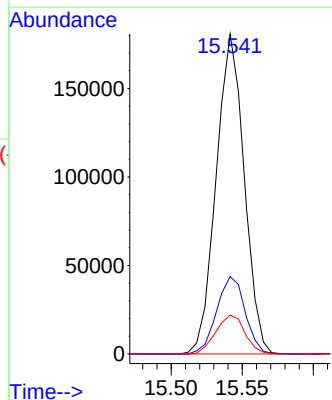
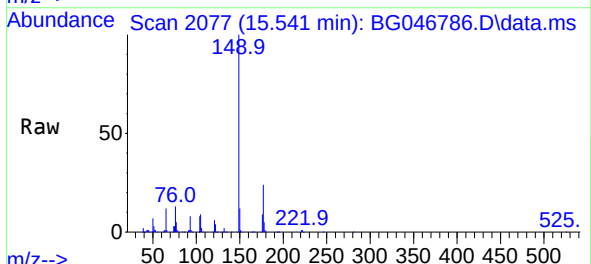
Instrument :  
BNA\_G  
ClientSampleId :  
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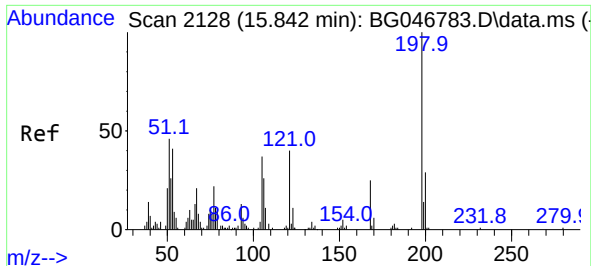
Tgt Ion:153 Resp: 188579  
Ion Ratio Lower Upper  
153 100  
152 48.5 37.3 55.9  
154 95.0 72.3 108.5



#57  
Diethylphthalate  
Concen: 18.78 ng/ul  
RT: 15.541 min Scan# 2077  
Delta R.T. -0.001 min  
Lab File: BG046786.D  
Acq: 5 Oct 2020 16:53

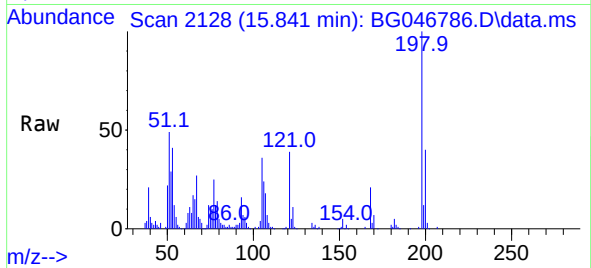
Tgt Ion:149 Resp: 247844  
Ion Ratio Lower Upper  
149 100  
177 24.2 18.5 27.7  
150 12.1 10.4 15.6



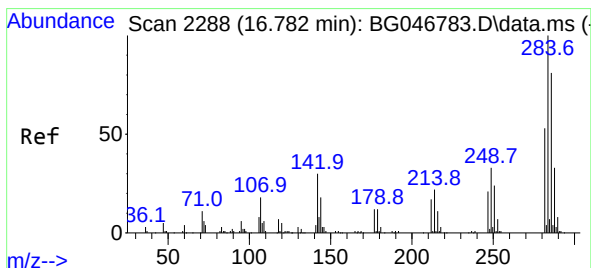
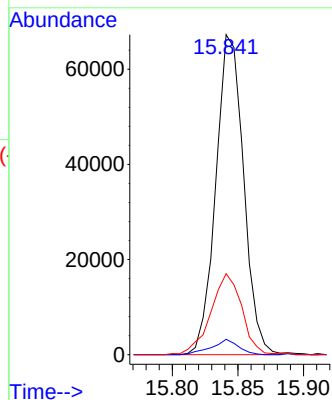
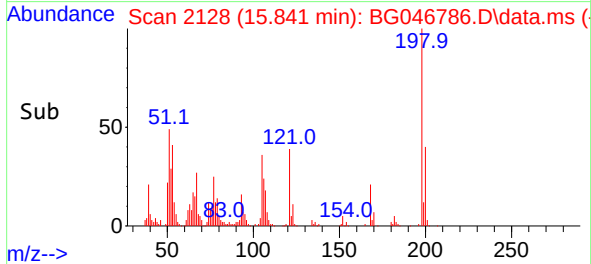


#64  
4,6-Dinitro-2-methylphenol  
Concen: 49.14 ng/ul  
RT: 15.841 min Scan# 2128  
Delta R.T. -0.001 min  
Lab File: BG046786.D  
Acq: 5 Oct 2020 16:53

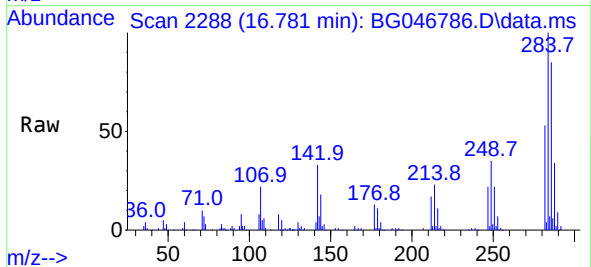
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BNA\_G  
ClientSampled :  
X2N56



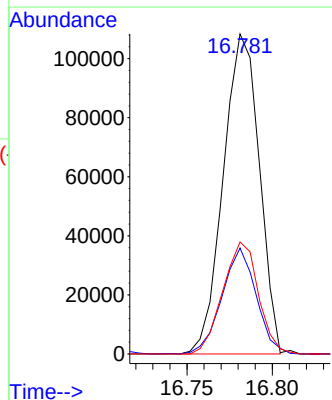
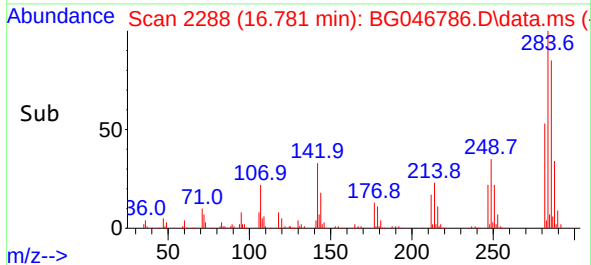
Tgt Ion:198 Resp: 98930  
Ion Ratio Lower Upper  
198 100  
182 4.8 4.0 6.0  
77 25.3 14.6 22.0#

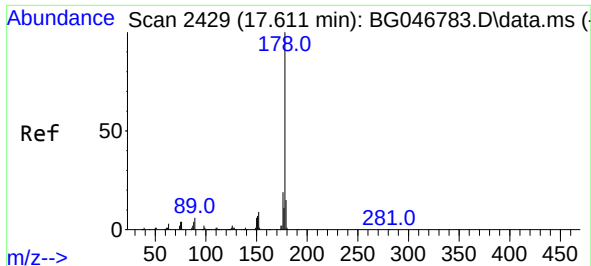


#67  
Hexachlorobenzene  
Concen: 38.30 ng/ul  
RT: 16.781 min Scan# 2288  
Delta R.T. -0.001 min  
Lab File: BG046786.D  
Acq: 5 Oct 2020 16:53



Tgt Ion:284 Resp: 159025  
Ion Ratio Lower Upper  
284 100  
142 31.1 22.1 33.1  
249 35.4 26.0 39.0

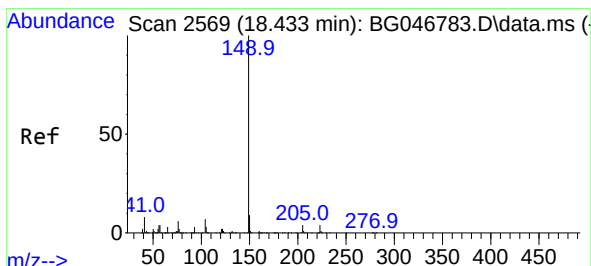
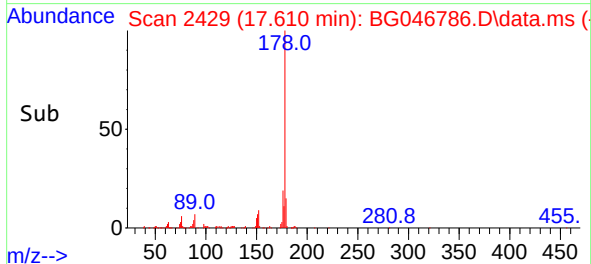
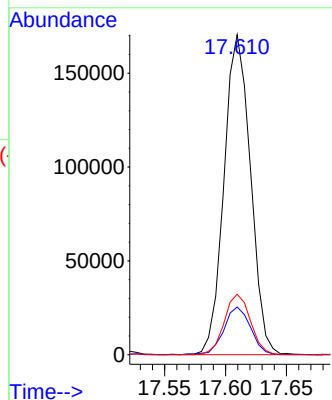
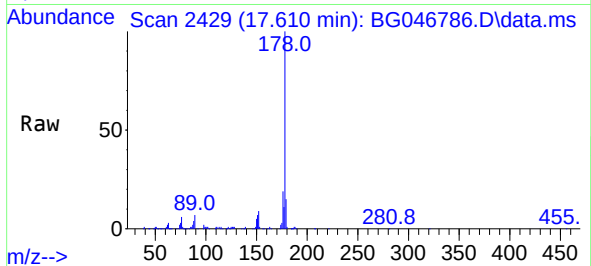




#72  
 Anthracene  
 Concen: 11.53 ng/ul  
 RT: 17.610 min Scan# 2429  
 Delta R.T. -0.001 min  
 Lab File: BG046786.D  
 Acq: 5 Oct 2020 16:53

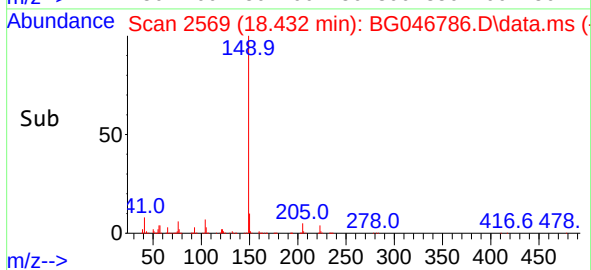
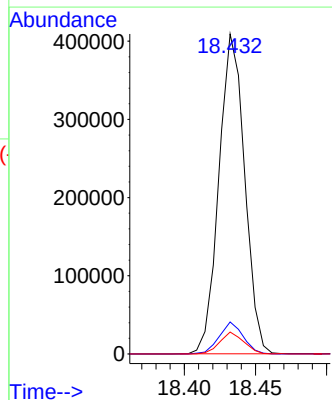
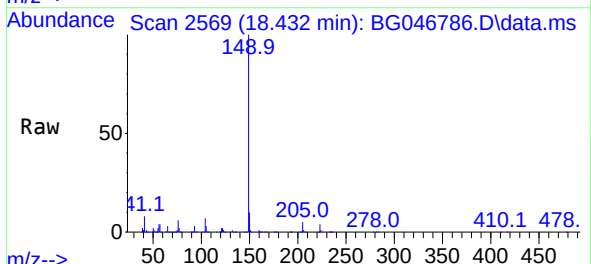
Instrument :  
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Tgt Ion:178 Resp: 258180  
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 176 18.9 15.5 23.3

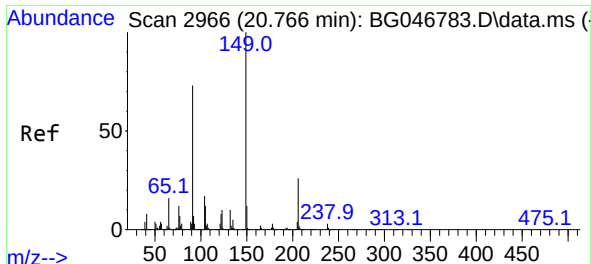


#76  
 Di-n-butylphthalate  
 Concen: 23.39 ng/ul  
 RT: 18.432 min Scan# 2569  
 Delta R.T. -0.001 min  
 Lab File: BG046786.D  
 Acq: 5 Oct 2020 16:53

Tgt Ion:149 Resp: 514616  
 Ion Ratio Lower Upper  
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 150 10.0 8.1 12.1  
 104 6.9 5.2 7.8



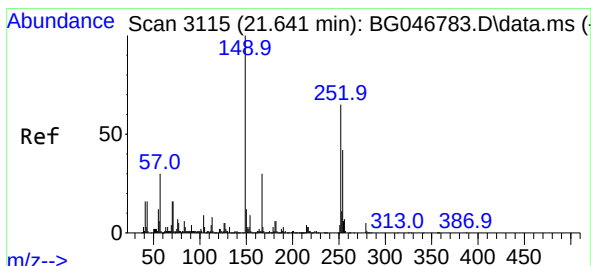
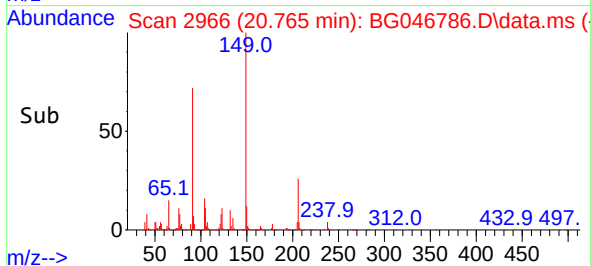
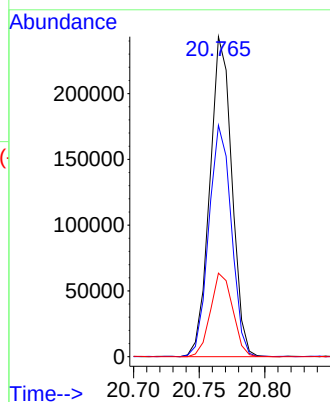
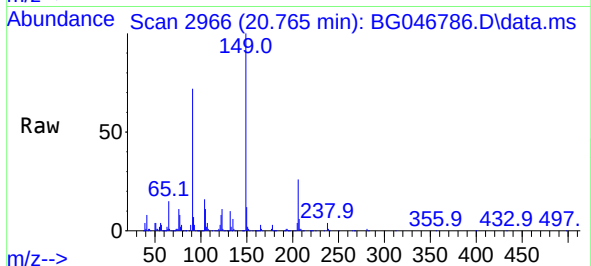




#81  
Butylbenzylphthalate  
Concen: 27.37 ng/ul  
RT: 20.765 min Scan# 2966  
Delta R.T. -0.001 min  
Lab File: BG046786.D  
Acq: 5 Oct 2020 16:53

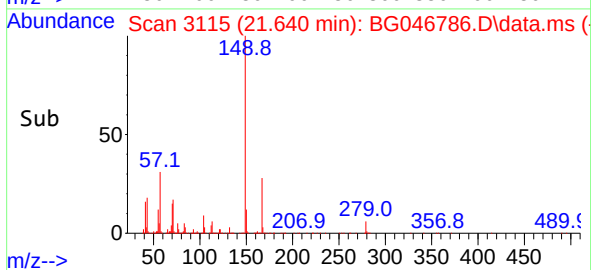
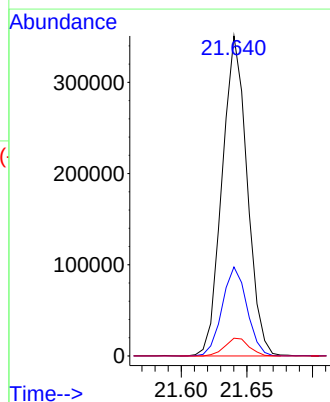
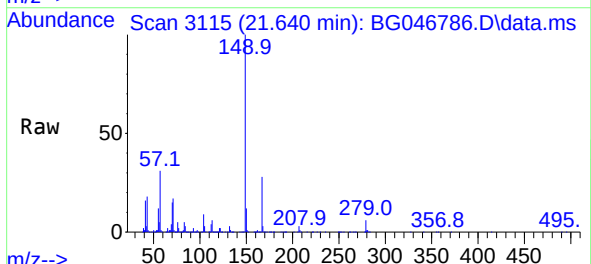
Instrument :  
BNA\_G  
ClientSampleId :  
X2N56

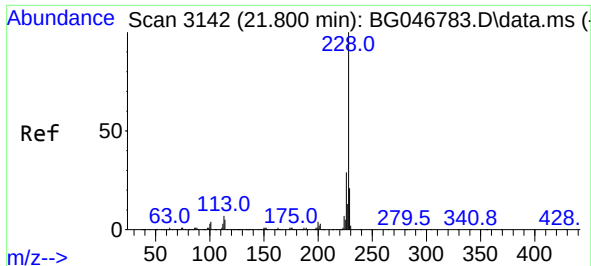
Tgt Ion:149 Resp: 284772  
Ion Ratio Lower Upper  
149 100  
91 72.3 57.6 86.4  
206 26.1 21.8 32.8



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 30.38 ng/ul  
RT: 21.640 min Scan# 3115  
Delta R.T. -0.001 min  
Lab File: BG046786.D  
Acq: 5 Oct 2020 16:53

Tgt Ion:149 Resp: 465209  
Ion Ratio Lower Upper  
149 100  
167 27.8 21.1 31.7  
279 5.6 4.4 6.6

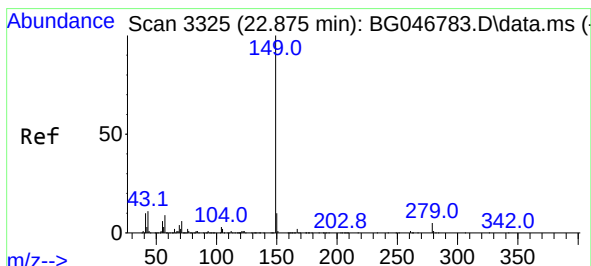
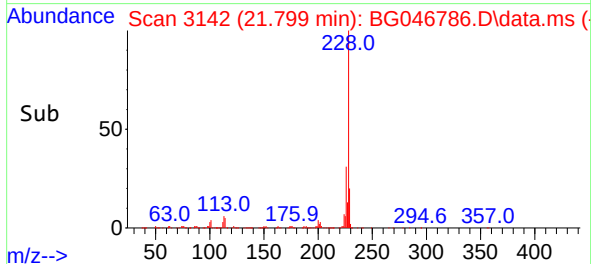
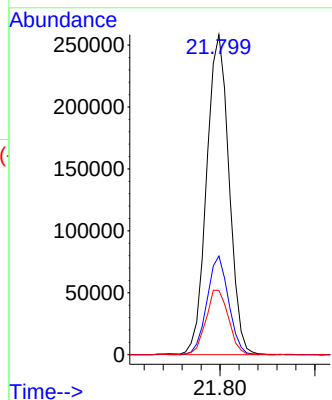
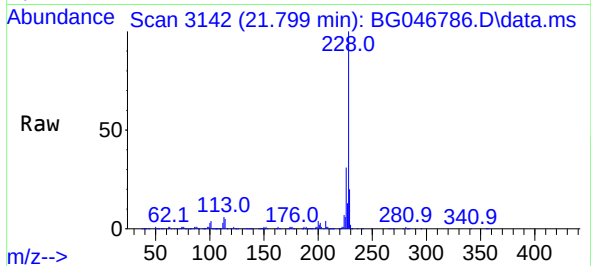




#85  
Chrysene  
Concen: 14.43 ng/ul  
RT: 21.799 min Scan# 3142  
Delta R.T. -0.001 min  
Lab File: BG046786.D  
Acq: 5 Oct 2020 16:53

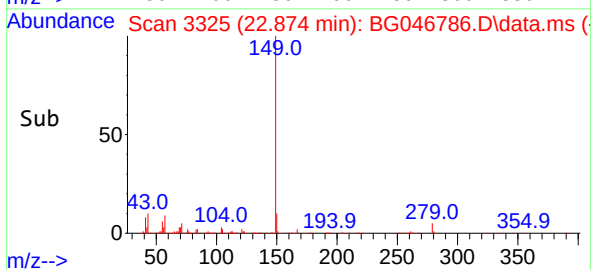
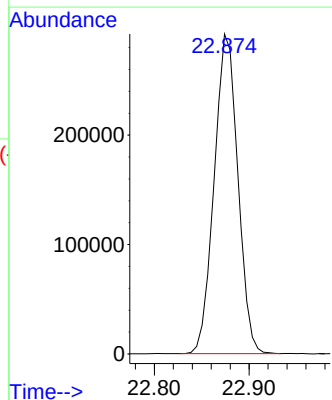
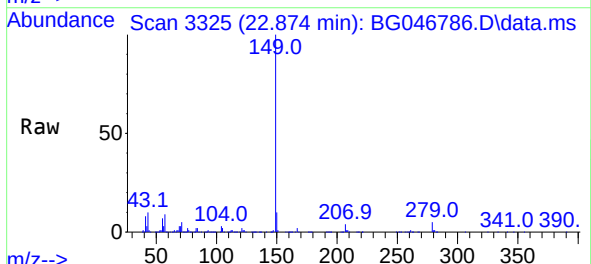
Instrument :  
BNA\_G  
ClientSampled :  
X2N56

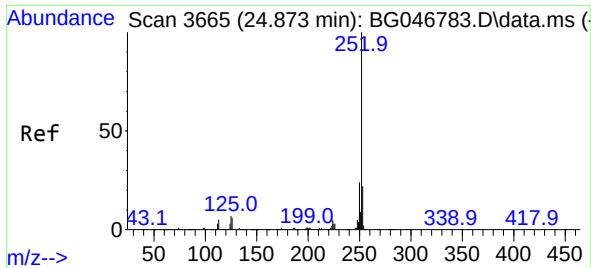
Tgt Ion:228 Resp: 422940  
Ion Ratio Lower Upper  
228 100  
226 30.8 25.3 37.9  
229 20.1 16.2 24.2



#87  
Di-n-octyl phthalate  
Concen: 19.76 ng/ul  
RT: 22.874 min Scan# 3325  
Delta R.T. -0.001 min  
Lab File: BG046786.D  
Acq: 5 Oct 2020 16:53

Tgt Ion:149 Resp: 506899





#91  
Benzo(a)pyrene  
Concen: 11.28 ng/ul  
RT: 24.866 min Scan# 3664  
Delta R.T. -0.007 min  
Lab File: BG046786.D  
Acq: 5 Oct 2020 16:53

Instrument :  
BNA\_G  
ClientSampleId :  
X2N56

Tgt Ion:252 Resp: 317507  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.7 26.5  
125 6.4 4.8 7.2

