

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG032221\  
 Data File : BG048457.D  
 Acq On : 23 Mar 2021 00:38  
 Operator : CG/JU  
 Sample : M1710-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EFF-WW

Quant Time: Mar 23 01:39:18 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG031821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 22 11:22:24 2021  
 Response via : Initial Calibration

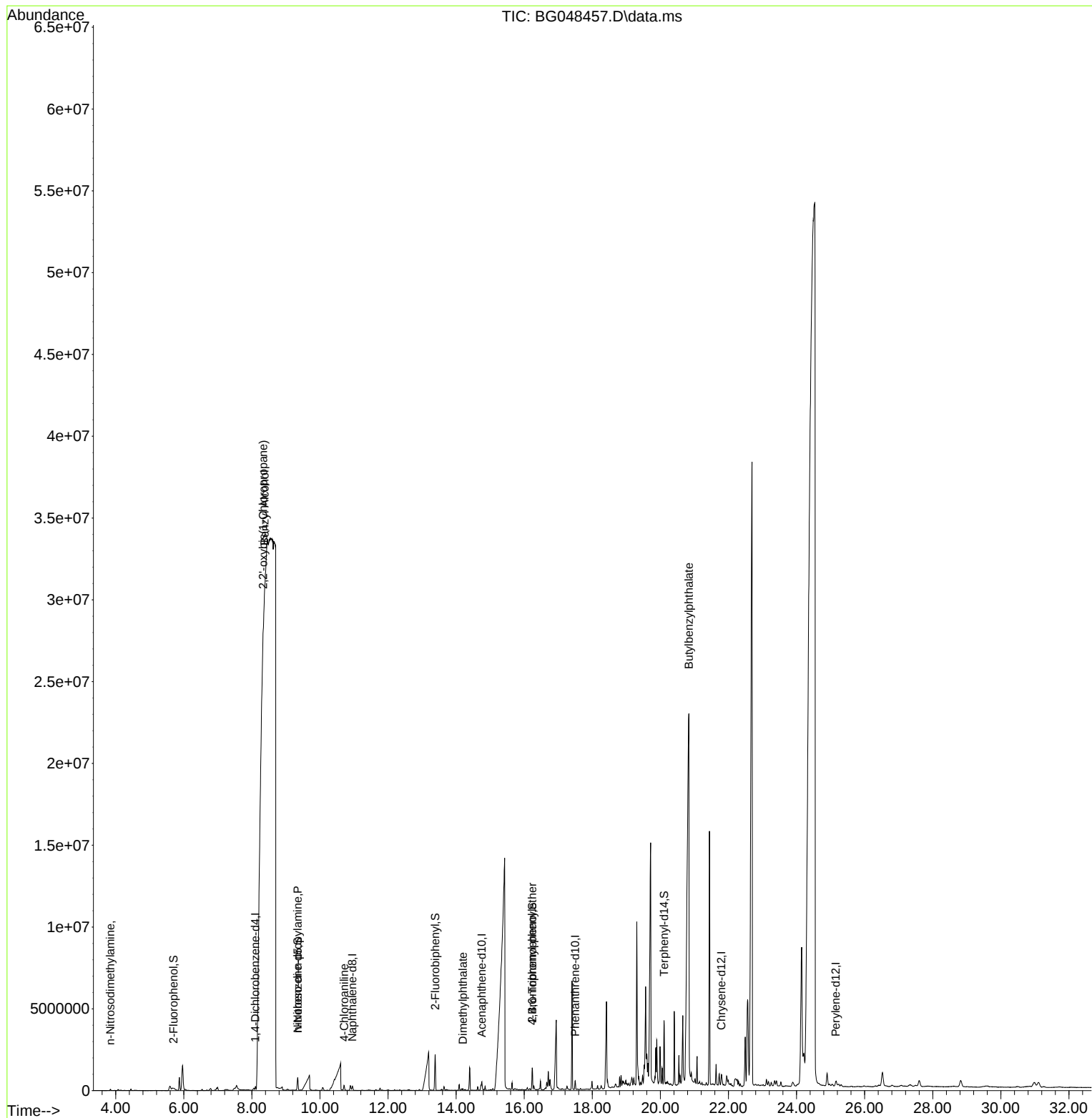
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.103  | 152  | 62633    | 20.00  | ng    | # 0.00   |
| 21) Naphthalene-d8            | 10.953 | 136  | 235307   | 20.00  | ng    | # 0.02   |
| 39) Acenaphthene-d10          | 14.754 | 164  | 170493   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.498 | 188  | 354682   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.793 | 240  | 355629   | 20.00  | ng    | # 0.00   |
| 86) Perylene-d12              | 25.154 | 264  | 365043   | 20.00  | ng    | 0.03     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.694  | 112  | 200480   | 52.93  | ng    | 0.05     |
| 7) Phenol-d6                  | 7.269  | 99   | 496      | 0.09   | ng    | 0.02     |
| 23) Nitrobenzene-d5           | 9.343  | 82   | 502151   | 85.33  | ng    | 0.07     |
| 42) 2,4,6-Tribromophenol      | 16.235 | 330  | 236393   | 85.26  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.385 | 172  | 1082297  | 91.32  | ng    | 0.02     |
| 79) Terphenyl-d14             | 20.107 | 244  | 1758844  | 89.19  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 4) n-Nitrosodimethylamine     | 3.844  | 42   | 5499     | 2.12   | ng    | # 1      |
| 9) Benzaldehyde               | 7.240  | 77   | 1243     | Below  | Cal   | # 77     |
| 15) Benzyl Alcohol            | 8.374  | 79   | 515394   | 105.33 | ng    | # 29     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.327  | 45   | 1641845  | 362.87 | ng    | 80       |
| 19) n-Nitroso-di-n-propyla... | 9.343  | 70   | 79326    | 19.39  | ng    | # 75     |
| 33) 4-Chloroaniline           | 10.712 | 127  | 13369    | 2.40   | ng    | # 66     |
| 50) Dimethylphthalate         | 14.196 | 163  | 58469    | 4.21   | ng    | # 97     |
| 67) 4-Bromophenyl-phenylether | 16.241 | 248  | 16467    | 3.69   | ng    | # 1      |
| 80) Butylbenzylphthalate      | 20.835 | 149  | 97086    | 11.18  | ng    | # 7      |
| -----                         |        |      |          |        |       |          |

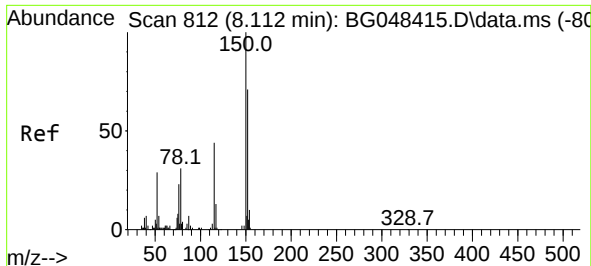
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Mar 22 11:22:24 2021  
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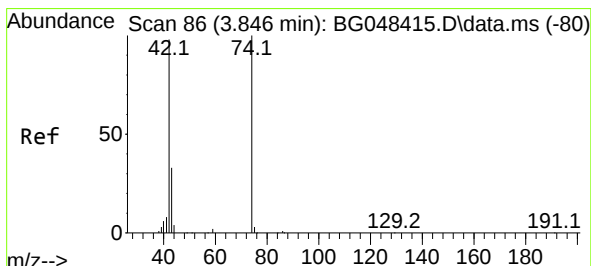
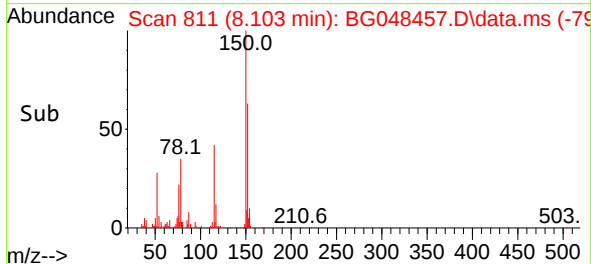
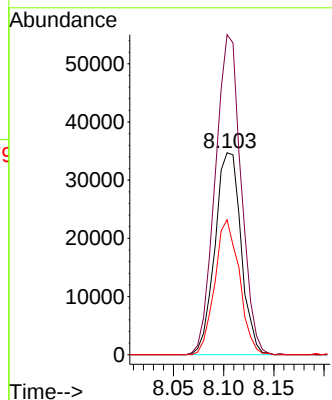
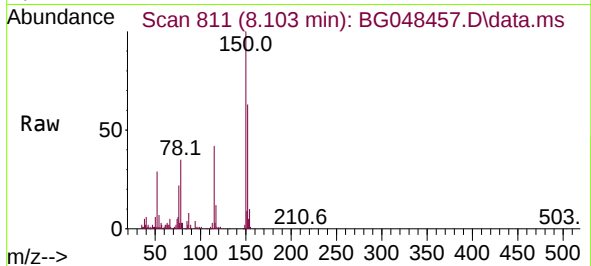




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.103 min Scan# 811  
Delta R.T. 0.000 min  
Lab File: BG048457.D  
Acq: 23 Mar 2021 00:38

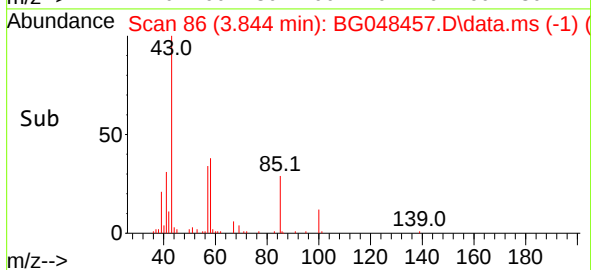
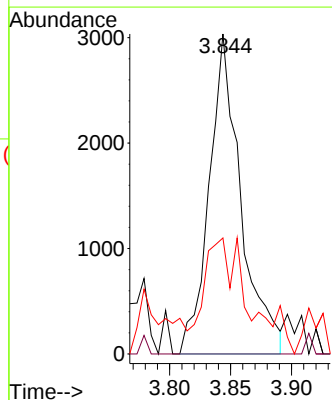
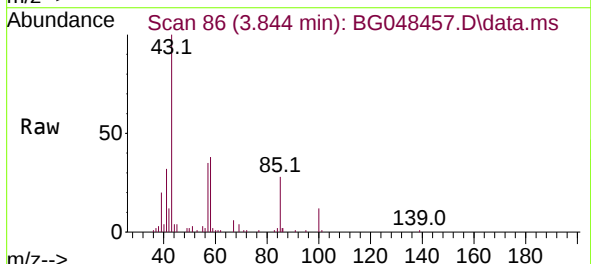
Instrument :  
BNA\_G  
ClientSampleId :  
EFF-WW

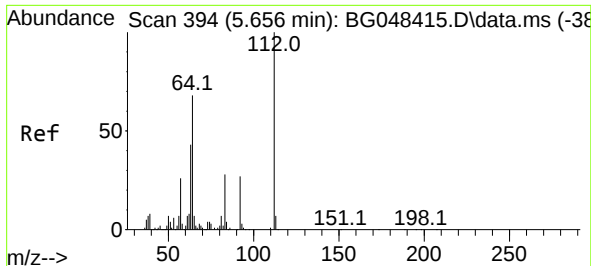
Tgt Ion:152 Resp: 62633  
Ion Ratio Lower Upper  
152 100  
150 158.5 125.0 187.6  
115 66.8 41.8 62.6#



#4  
n-Nitrosodimethylamine  
Concen: 2.12 ng  
RT: 3.844 min Scan# 86  
Delta R.T. 0.001 min  
Lab File: BG048457.D  
Acq: 23 Mar 2021 00:38

Tgt Ion: 42 Resp: 5499  
Ion Ratio Lower Upper  
42 100  
74 0.0 120.4 180.6#  
44 36.3 6.2 9.2#

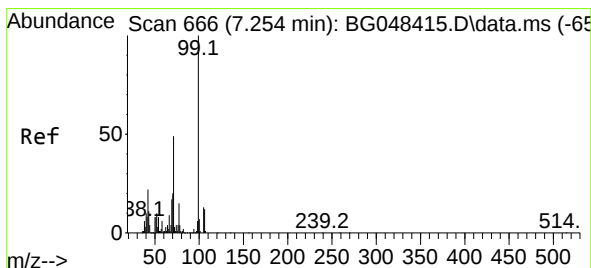
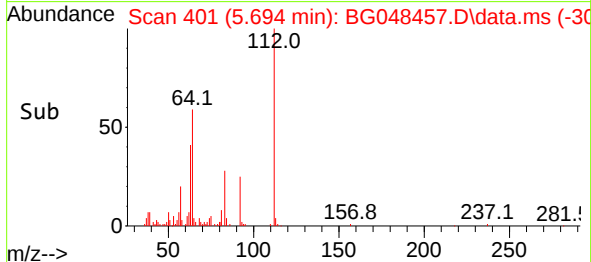
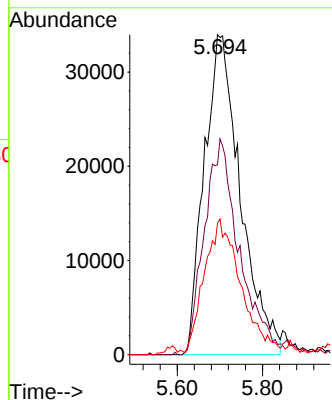
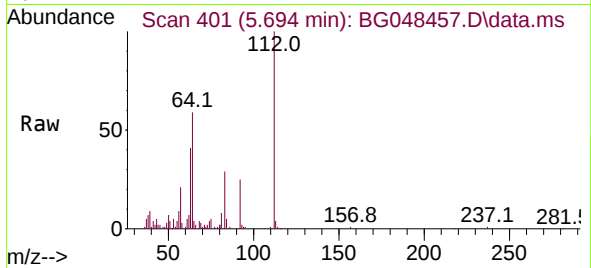




#5  
2-Fluorophenol  
Concen: 52.93 ng  
RT: 5.694 min Scan# 401  
Delta R.T. 0.048 min  
Lab File: BG048457.D  
Acq: 23 Mar 2021 00:38

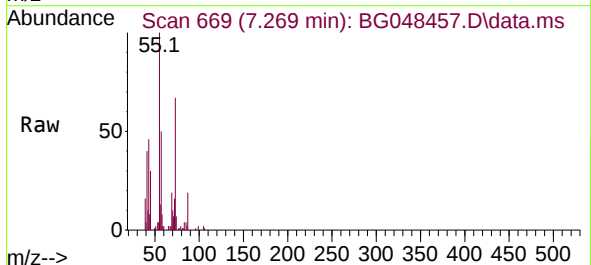
Instrument :  
BNA\_G  
ClientSampleId :  
EFF-WW

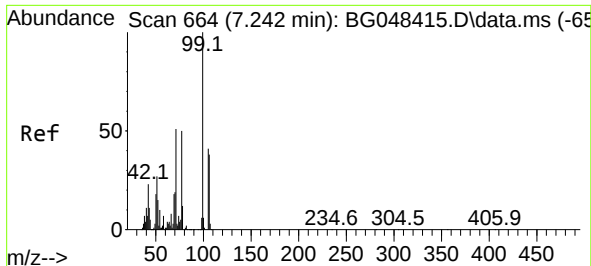
Tgt Ion:112 Resp: 200480  
Ion Ratio Lower Upper  
112 100  
64 59.3 46.7 70.1  
63 41.1 22.8 34.2#



#7  
Phenol-d6  
Concen: 0.09 ng  
RT: 7.269 min Scan# 669  
Delta R.T. 0.018 min  
Lab File: BG048457.D  
Acq: 23 Mar 2021 00:38

Tgt Ion: 99 Resp: 496  
Ion Ratio Lower Upper  
99 100  
42 408.0 12.8 19.2#  
71 281.4 24.6 36.8#

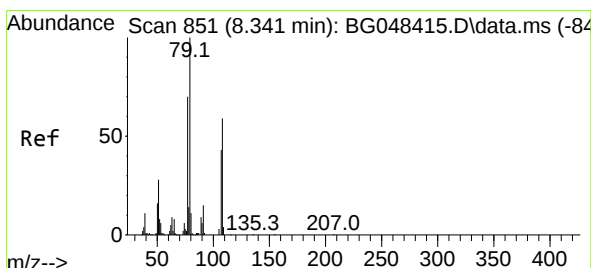
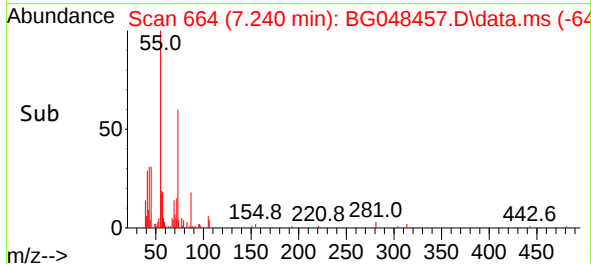
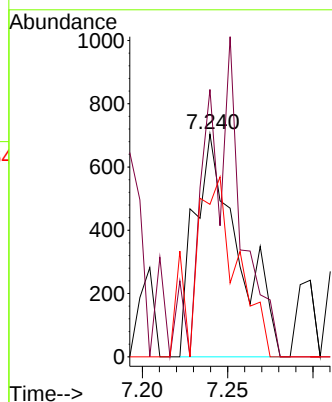
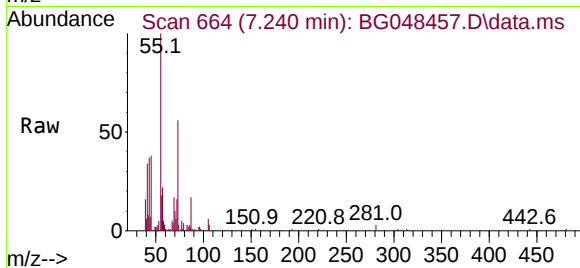




#9  
Benzaldehyde  
Concen: Below Cal  
RT: 7.240 min Scan# 664  
Delta R.T. 0.001 min  
Lab File: BG048457.D  
Acq: 23 Mar 2021 00:38

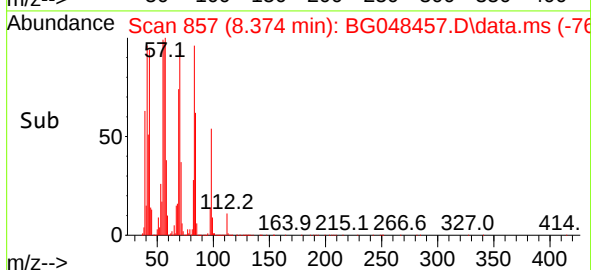
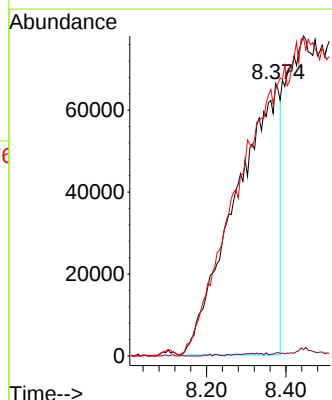
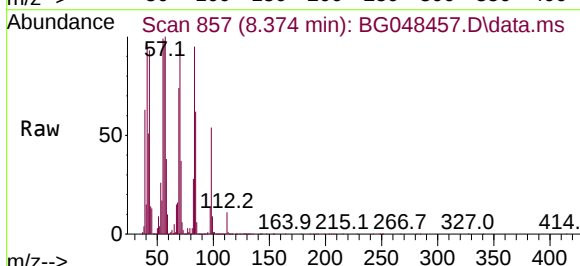
Instrument :  
BNA\_G  
ClientSampleId :  
EFF-WW

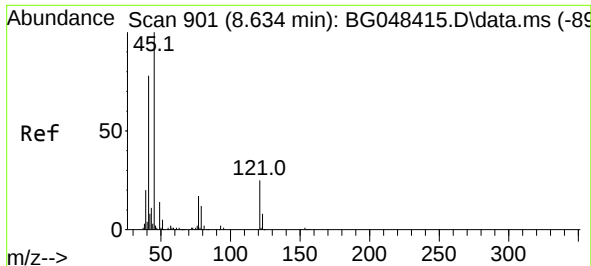
Tgt Ion: 77 Resp: 1243  
Ion Ratio Lower Upper  
77 100  
105 120.0 85.9 125.9  
106 68.5 80.9 120.9#



#15  
Benzyl Alcohol  
Concen: 105.33 ng  
RT: 8.374 min Scan# 857  
Delta R.T. 0.036 min  
Lab File: BG048457.D  
Acq: 23 Mar 2021 00:38

Tgt Ion: 79 Resp: 515394  
Ion Ratio Lower Upper  
79 100  
108 1.0 65.5 98.3#  
77 97.7 50.1 75.1#

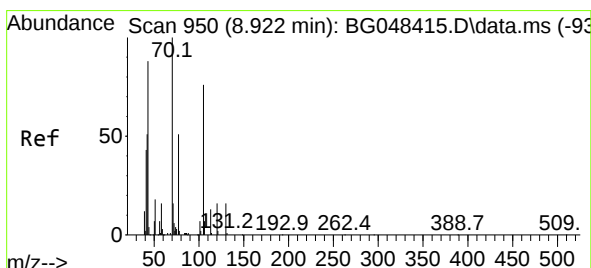
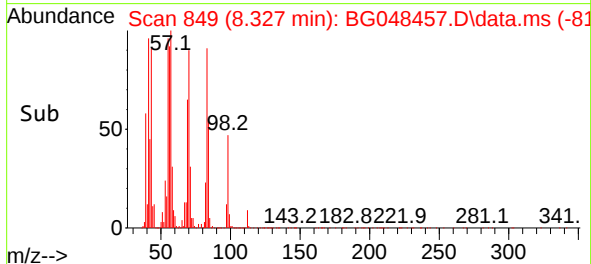
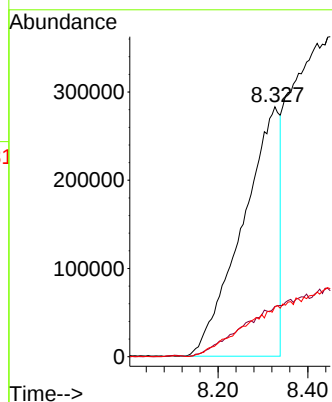
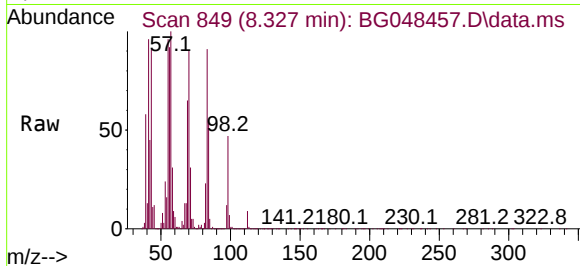




#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 362.87 ng  
RT: 8.327 min Scan# 849  
Delta R.T. -0.305 min  
Lab File: BG048457.D  
Acq: 23 Mar 2021 00:38

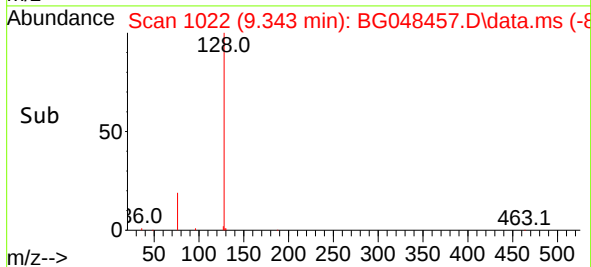
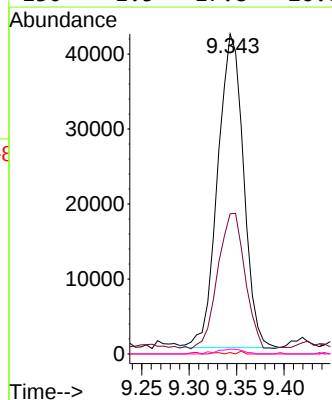
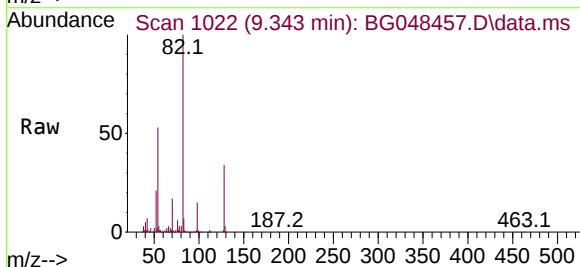
Instrument :  
BNA\_G  
ClientSampleId :  
EFF-WW

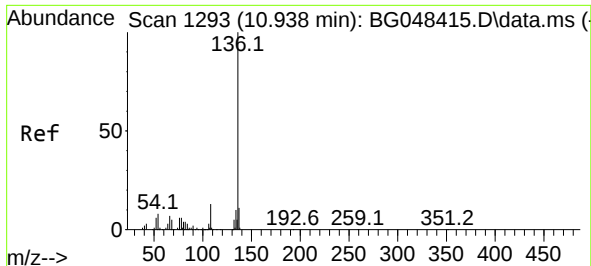
Tgt Ion: 45 Resp: 1641845  
Ion Ratio Lower Upper  
45 100  
77 20.1 0.0 33.4  
79 19.9 0.0 30.8



#19  
n-Nitroso-di-n-propylamine  
Concen: 19.39 ng  
RT: 9.343 min Scan# 1022  
Delta R.T. 0.430 min  
Lab File: BG048457.D  
Acq: 23 Mar 2021 00:38

Tgt Ion: 70 Resp: 79326  
Ion Ratio Lower Upper  
70 100  
42 43.8 45.6 68.4#  
101 0.5 8.4 12.6#  
130 1.5 17.8 26.8#

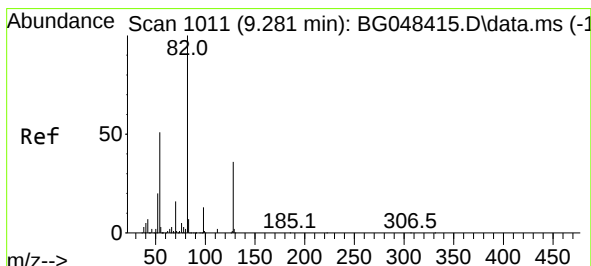
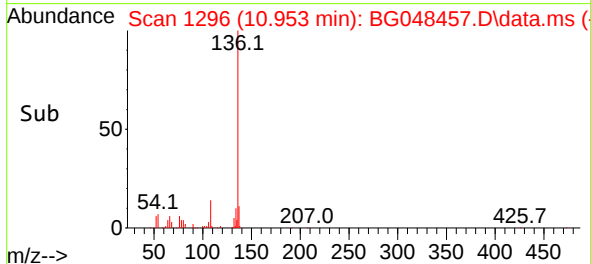
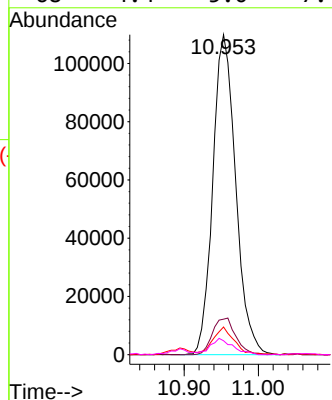
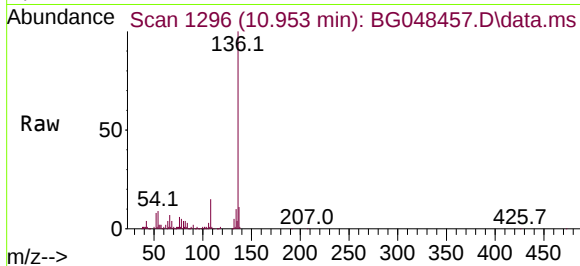




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.953 min Scan# 1296  
Delta R.T. 0.024 min  
Lab File: BG048457.D  
Acq: 23 Mar 2021 00:38

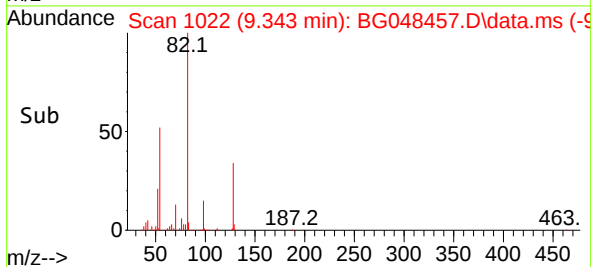
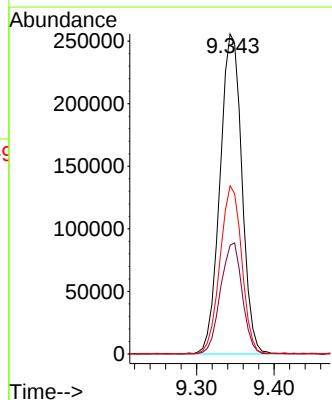
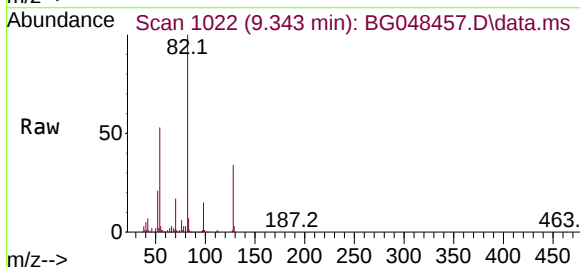
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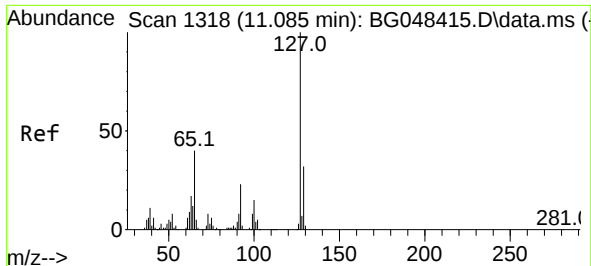
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|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 235307 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.1  | 9.1   | 13.7   |
| 54        | 8.7   | 6.2   | 9.4    |
| 68        | 4.4   | 5.0   | 7.4    |



#23  
Nitrobenzene-d5  
Concen: 85.33 ng  
RT: 9.343 min Scan# 1022  
Delta R.T. 0.071 min  
Lab File: BG048457.D  
Acq: 23 Mar 2021 00:38

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 502151 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 34.0  | 37.0  | 55.6   |
| 54        | 52.6  | 39.0  | 58.4   |

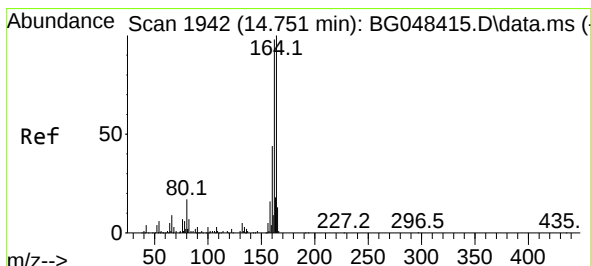
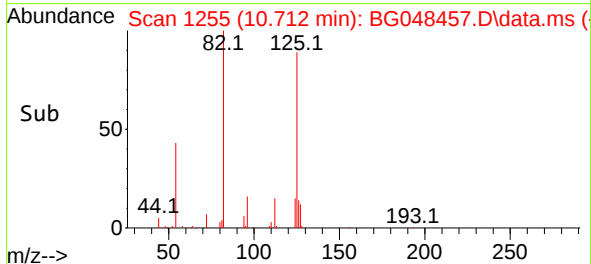
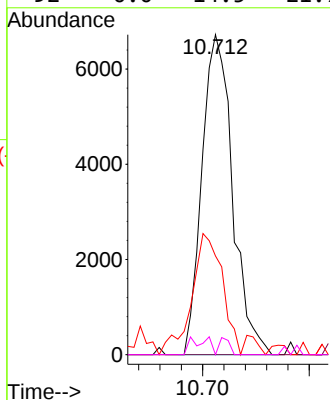
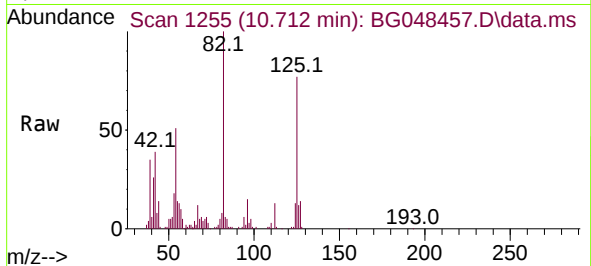




#33  
4-Chloroaniline  
Concen: 2.40 ng  
RT: 10.712 min Scan# 1255  
Delta R.T. -0.370 min  
Lab File: BG048457.D  
Acq: 23 Mar 2021 00:38

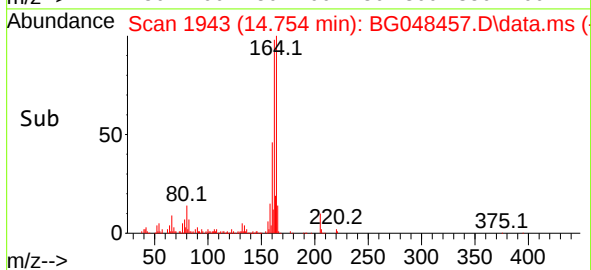
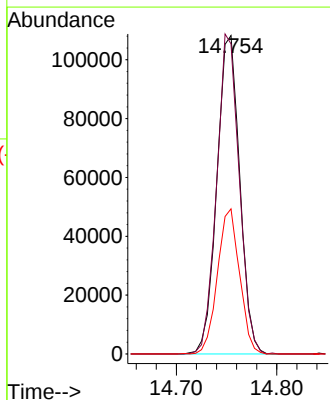
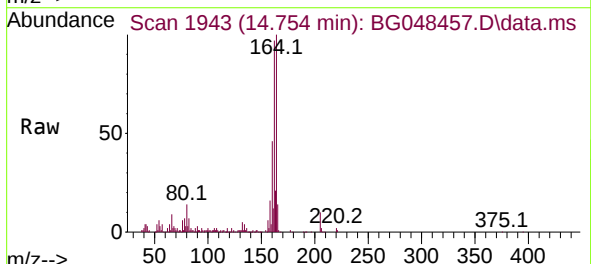
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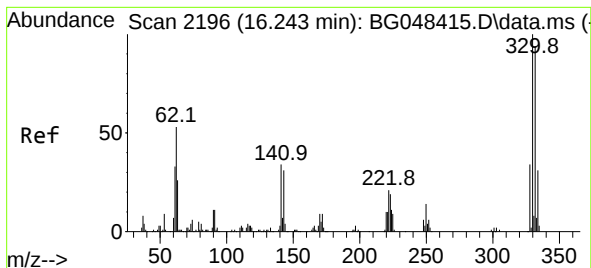
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|-------------|-------|------------|
| Tgt Ion:127 | Resp: | 13369      |
| Ion Ratio   | Lower | Upper      |
| 127         | 100   |            |
| 129         | 0.0   | 26.8 40.2# |
| 65          | 30.8  | 23.8 35.6  |
| 92          | 0.0   | 14.5 21.7# |



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.754 min Scan# 1943  
Delta R.T. 0.006 min  
Lab File: BG048457.D  
Acq: 23 Mar 2021 00:38

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:164 | Resp: | 170493     |
| Ion Ratio   | Lower | Upper      |
| 164         | 100   |            |
| 162         | 97.4  | 82.3 123.5 |
| 160         | 45.6  | 35.3 52.9  |

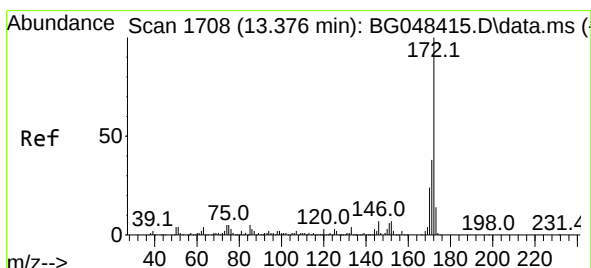
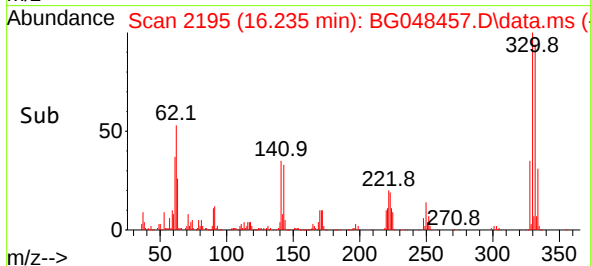
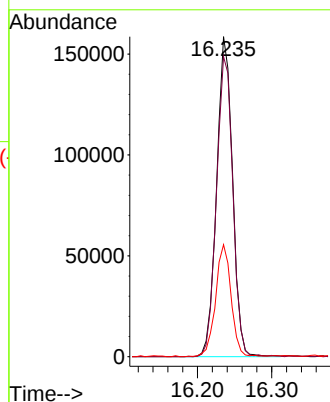
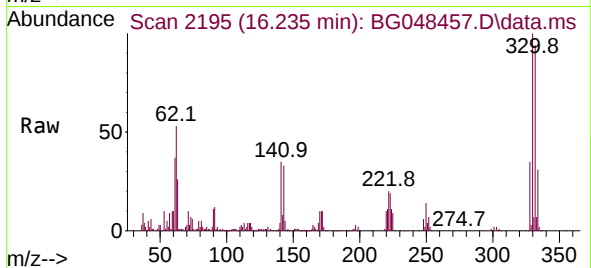




#42  
2,4,6-Tribromophenol  
Concen: 85.26 ng  
RT: 16.235 min Scan# 2195  
Delta R.T. 0.001 min  
Lab File: BG048457.D  
Acq: 23 Mar 2021 00:38

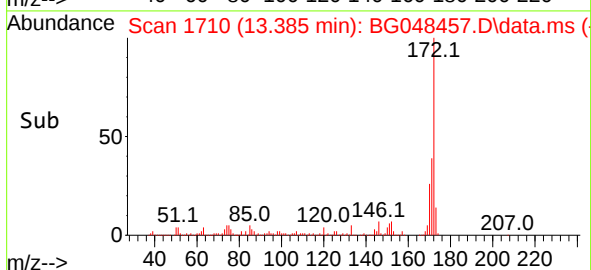
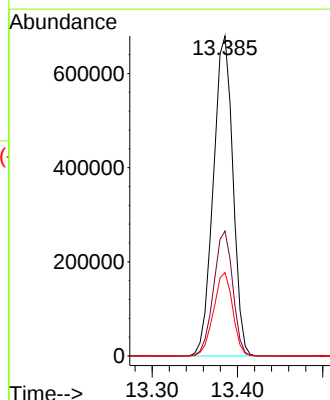
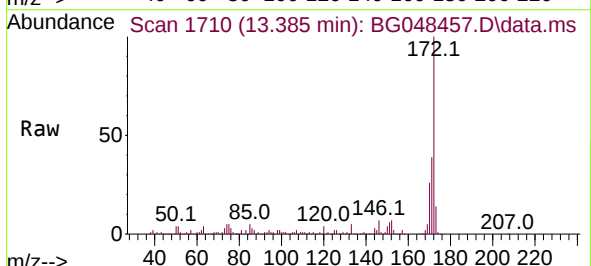
Instrument :  
BNA\_G  
ClientSampleId :  
EFF-WW

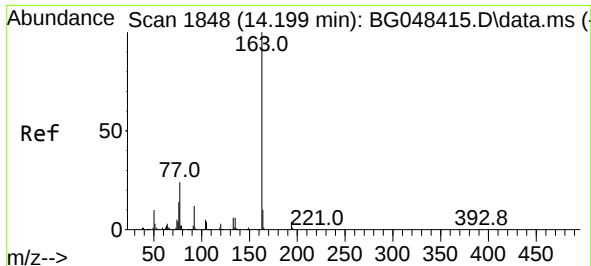
Tgt Ion:330 Resp: 236393  
Ion Ratio Lower Upper  
330 100  
332 96.1 76.5 114.7  
141 34.3 26.0 39.0



#45  
2-Fluorobiphenyl  
Concen: 91.32 ng  
RT: 13.385 min Scan# 1710  
Delta R.T. 0.018 min  
Lab File: BG048457.D  
Acq: 23 Mar 2021 00:38

Tgt Ion:172 Resp: 1082297  
Ion Ratio Lower Upper  
172 100  
171 39.1 31.3 46.9  
170 26.0 20.8 31.2

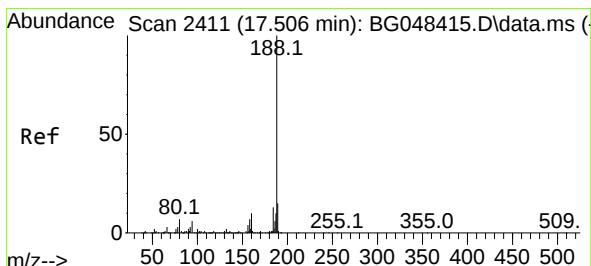
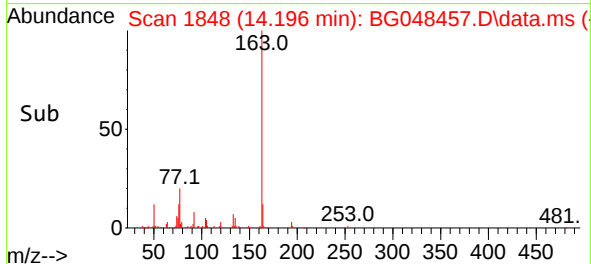
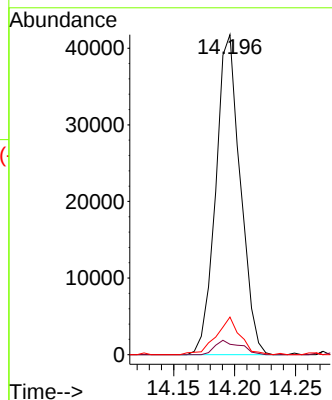
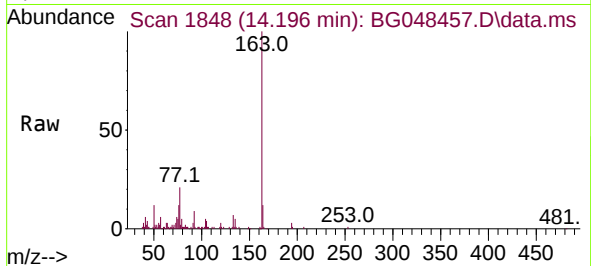




#50  
Dimethylphthalate  
Concen: 4.21 ng  
RT: 14.196 min Scan# 1848  
Delta R.T. 0.001 min  
Lab File: BG048457.D  
Acq: 23 Mar 2021 00:38

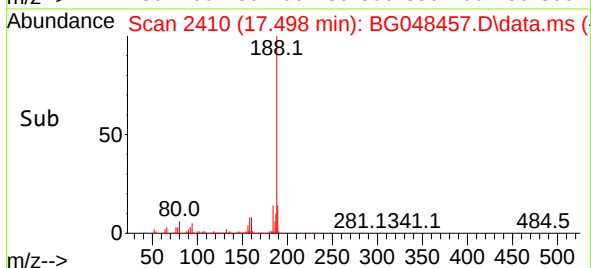
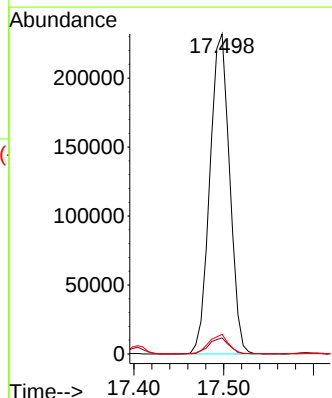
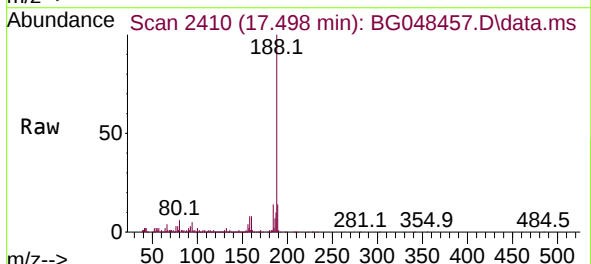
Instrument :  
BNA\_G  
ClientSampleId :  
EFF-WW

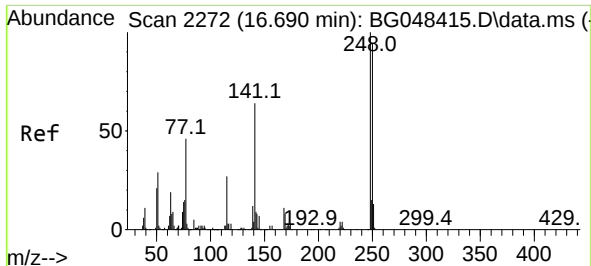
Tgt Ion:163 Resp: 58469  
Ion Ratio Lower Upper  
163 100  
194 3.2 3.8 5.8#  
164 11.8 8.8 13.2



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.498 min Scan# 2410  
Delta R.T. 0.001 min  
Lab File: BG048457.D  
Acq: 23 Mar 2021 00:38

Tgt Ion:188 Resp: 354682  
Ion Ratio Lower Upper  
188 100  
94 5.0 6.3 9.5#  
80 6.2 7.0 10.6#

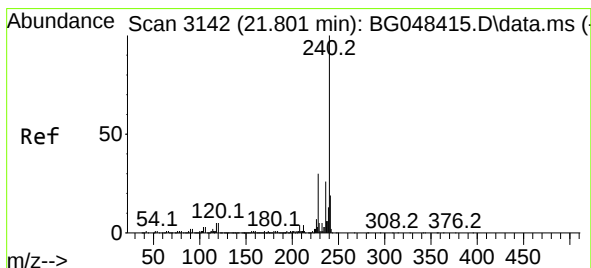
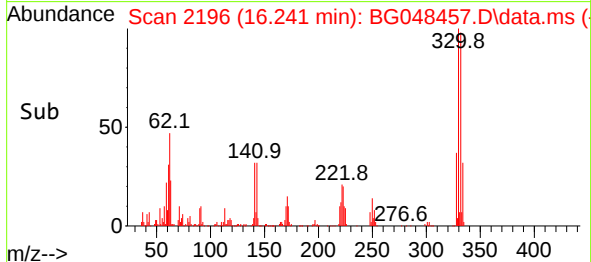
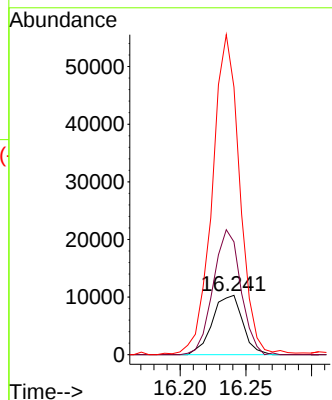
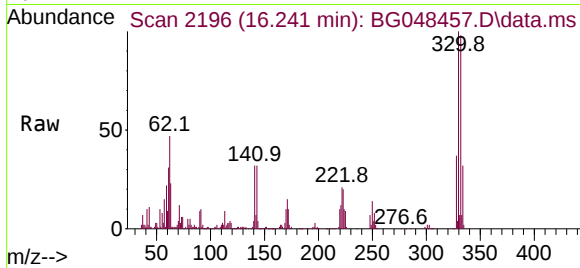




#67  
4-Bromophenyl-phenylether  
Concen: 3.69 ng  
RT: 16.241 min Scan# 2196  
Delta R.T. -0.440 min  
Lab File: BG048457.D  
Acq: 23 Mar 2021 00:38

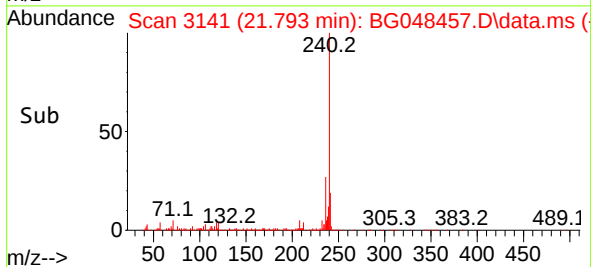
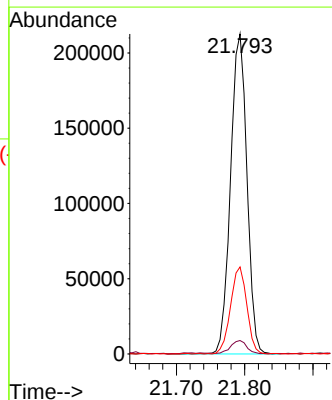
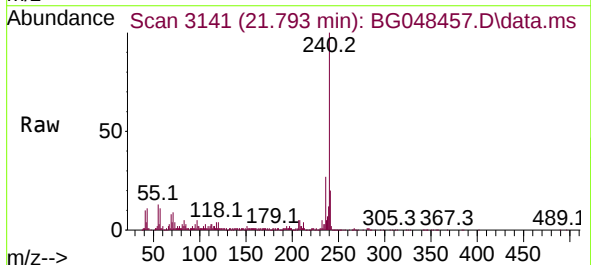
Instrument :  
BNA\_G  
ClientSampleId :  
EFF-WW

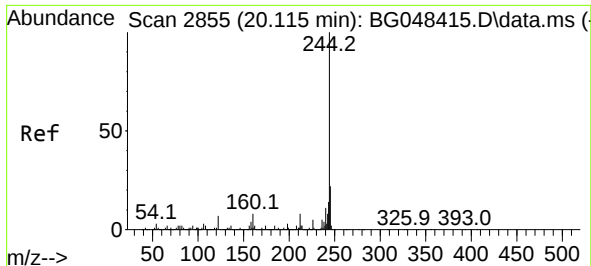
Tgt Ion:248 Resp: 16467  
Ion Ratio Lower Upper  
248 100  
250 190.0 78.9 118.3#  
141 450.9 46.2 69.4#



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.793 min Scan# 3141  
Delta R.T. 0.001 min  
Lab File: BG048457.D  
Acq: 23 Mar 2021 00:38

Tgt Ion:240 Resp: 355629  
Ion Ratio Lower Upper  
240 100  
120 4.2 6.2 9.4#  
236 27.2 20.5 30.7

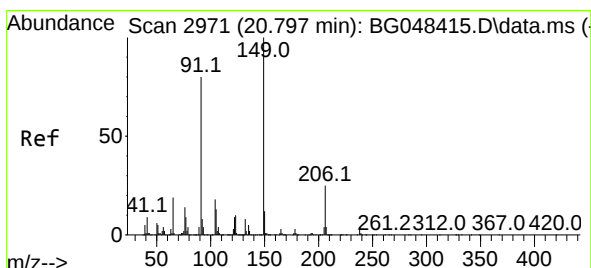
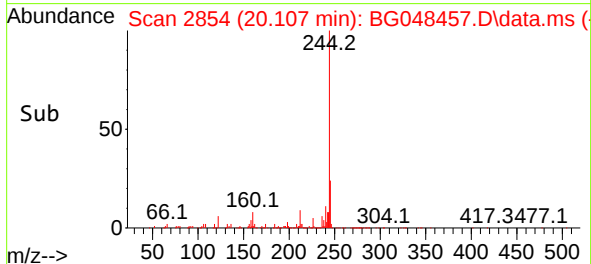
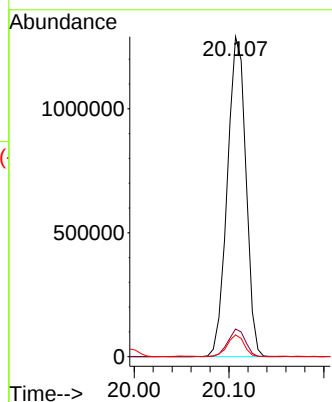
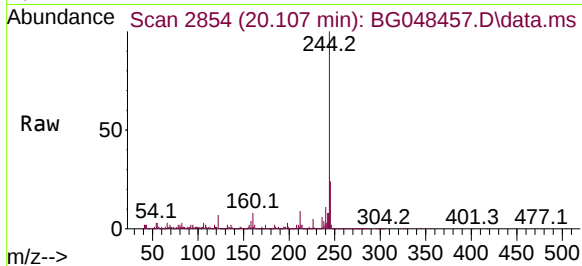




#79  
 Terphenyl-d14  
 Concen: 89.19 ng  
 RT: 20.107 min Scan# 2854  
 Delta R.T. 0.001 min  
 Lab File: BG048457.D  
 Acq: 23 Mar 2021 00:38

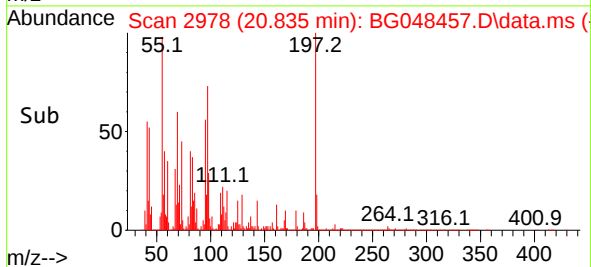
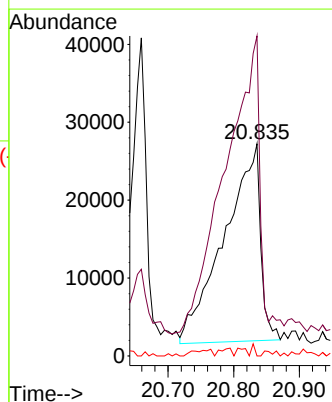
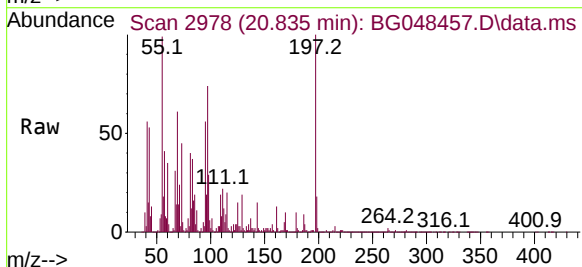
Instrument :  
 BNA\_G  
 ClientSampleId :  
 EFF-WW

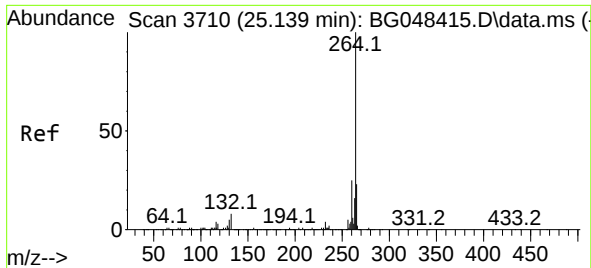
Tgt Ion:244 Resp: 1758844  
 Ion Ratio Lower Upper  
 244 100  
 212 8.6 6.7 10.1  
 122 6.8 7.8 11.6#



#80  
 Butylbenzylphthalate  
 Concen: 11.18 ng  
 RT: 20.835 min Scan# 2978  
 Delta R.T. 0.042 min  
 Lab File: BG048457.D  
 Acq: 23 Mar 2021 00:38

Tgt Ion:149 Resp: 97086  
 Ion Ratio Lower Upper  
 149 100  
 91 150.9 51.5 77.3#  
 206 0.0 21.2 31.8#





#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 25.154 min Scan# 3713  
 Delta R.T. 0.030 min  
 Lab File: BG048457.D  
 Acq: 23 Mar 2021 00:38

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EFF-WW

Tgt Ion:264 Resp: 365043  
 Ion Ratio Lower Upper  
 264 100  
 260 24.2 18.8 28.2  
 265 21.9 17.8 26.8

